City of Ramsey
Agenda
Regular City Council
Tuesday, April 14, 2020
7:00 pm

Meeting by telephone or other electronic means in accordance with Minnesota Statute 13D.021
Join us via computer at www.cityoframsey.com/meetings. The Meeting ID is 116-6274-4365.

Telephone: +1 480 712 7555 (US Toll)
Meeting ID: 116 6274 4365

Comments are also welcomed and encouraged prior to the meeting and live during the meeting at meetings@cityoframsey.com or 763-433-9819.

1. Call to Order

2. Presentation

1. Receive an Update Regarding COVID-19

3. Citizen Input

4. Approve Agenda

5. Consent Agenda

1. Receive February 2020 Financial Reports - General Fund and Enterprise Funds

2. Receive Cash and Investments for Period Ending March 31, 2020

3. Note the Following Boards, Commissions, and Committee Meeting Minutes:
   - Planning Commission Meeting Minutes Dated February 6, 2020
   - Environmental Policy Board Meeting Minutes Dated February 10, 2020
   - Economic Development Authority Meeting Minutes Dated February 13, 2020
   - Park and Recreation Commission Meeting Minutes Dated February 13, 2020
   - Public Works Committee Meeting Minutes Dated February 18, 2020

4. Approve the Following Meeting Minutes:

   1. City Council Special Work Session dated 3/16/2020
   2. City Council Special Session dated 3/19/2020
   3. City Council Regular Session dated 3/24/2020
   4. City Council Emergency Special Session dated 3/30/2020

5. Approve Rental Licenses

6. Approve Authorization to Replace Sewage Pumps at Lift Station #6

7. Adopt Resolution #20-067 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of March 19, 2020 through April 9, 2020

8. Adopt Resolution #20-068 Proclaiming April 24, 2020 as Arbor Day and the Month of May as Arbor Month

9. Adopt Resolution #20-072 Authorizing Joint Powers Agreement with Anoka County for Traffic Study for Improvement Project #20-03, Bunker Lake Boulevard Reconstruction

10. Adopt Resolution #20-073 Approving Plans and Specifications and Authorizing Advertisements for Bids for 2020 Crack Sealing Improvements, Improvement Project #20-00

11. Adopt Resolution #20-074 Authorizing the Call of of the Outstanding GO Bonds, Series 2011A

6. Public Hearing

1. PUBLIC HEARING: Adopt Resolution #20-069 Approving a Conditional Use Permit for an Oversized Ground Sign and Wall Signage at 7800 Sunwood Drive NW (Project No. 20-102); Case of New Horizon Academy

2. PUBLIC HEARING: Adopt Resolution #20-070 Approving a Conditional Use Permit for an Oversized Ground Sign at 7990 Sunwood Drive NW (Project No. 20-101); Case of RGH Ramsey LLC

7. Council Business

1. Adopt Resolution 20-076 Extending the Declaration of Emergency for the City Of Ramsey, MN Coronavirus Disease 2019 (Covid-19)

2. CANCELED: Adopt Resolution #20-058 Related to Garden View Villas (Project No. 19-136)

3. Adopt Resolution #20-071 Accepting Feasibility Report and Ordering Plans and Specifications for Improvement Project #20-01, Variolite Street Reconstruction

4. Adopt Resolution #20-077 Authorizing Assistance for Businesses Impacted by COVID-19

8. Mayor/Council/Staff Input

9. Adjournment

CC Regular Session **2. 1.**

Meeting Date: 04/14/2020

Information

Title:

Receive an Update Regarding COVID-19

Purpose/Background:

Matt Kohner, Fire Chief and Emergency Management Director for the City of Ramsey, along with Kurt Ulrich, City Administrator, will provide an update on the current status of the COVID-19 situation.

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Matt Kohner	Matt Kohner	04/09/2020 11:10 AM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:51 PM
Form Started By: Colleen Lasher		Started On: 04/07/2020 12:27 PM
Final Approval Date: 04/09/2020		

CC Regular Session **5. 1.**

Meeting Date: 04/14/2020

By: Diana Lund, Finance

Information

Title

Receive February 2020 Financial Reports - General Fund and Enterprise Funds

Purpose/Background:

Purpose: Receive February monthly financial reports for the funds of: General, Water, Sewer, Street Lighting, Recycling and Storm Drainage.

Brief summary of actual revenues and expenditures-to-date in comparison to adopted budget for the respective funds.

Recommendation:

No action required. Informational only.

Action:

No action required. Informational only.

Attachments

February 2020 General Fund Financial Report - Budget to Actual

February 2020 Enterprise Funds Financial Reports - Budget to Actual

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	04/08/2020 05:11 PM
Form Started By: Diana Lund		Started On: 03/31/2020 01:23 PM
Final Approval Date: 04/08/2020		

CITY OF RAMSEY
FINANCIAL STATEMENT

JANUARY 1, 2020 THROUGH PERIOD ENDING: February 29, 2020

GENERAL FUND EXPENDITURES - BY DEPARTMENT -

Dept	-CURRENT YEAR ADOPTED BUDGET-	CURRENT YTD GENERAL LEDGER
Admin	2,081,454.00	317,636.71
Com Dev	1,192,238.00	147,233.72
Contingency	121,373.00	-
Council	137,330.00	26,996.90
Finance	526,624.00	83,225.56
Fire	1,331,268.00	152,177.52
Legal	131,300.00	6,325.25
Police	4,149,628.00	674,565.75
Public Works	3,632,374.00	517,588.00
Grand Total	**13,303,589.00**	**1,925,749.41**

GENERAL FUND EXPENDITURES - BY CATEGORY -

Category	-CURRENT YEAR ADOPTED BUDGET-	-CURRENT YTD GENERAL LEDGER-
Capital Outlay	471,000.00	51,988.20
Debt Service	106,373.00	-
Other Services & Charges	2,774,556.00	197,300.57
Personal Services	8,947,160.00	1,491,825.54
Supplies	1,004,500.00	184,635.10
Grand Total	**13,303,589.00**	**1,925,749.41**

GENERAL FUND REVENUES - BY CATEGORY -

Category	-CURRENT YEAR ADOPTED BUDGET-	-CURRENT YTD GENERAL LEDGER-
Taxes	10,625,932.00	-
Charges for Services	666,162.00	58,108.69
Business Licenses/Permits	76,400.00	5,308.38
Fines and Forfeits	55,500.00	3,007.51
Federal Intergovernmental	8,000.00	-
State Intergovernmental	384,300.00	75,138.38
Interest	100,000.00	-
Local Intergovernmental	13,295.00	-
Miscellaneous	21,100.00	3,274.32
Non-Business Licenses/Permits	556,900.00	48,578.73
Transfers in	796,000.00	-
Grand Total	**13,303,589.00**	**193,416.01**

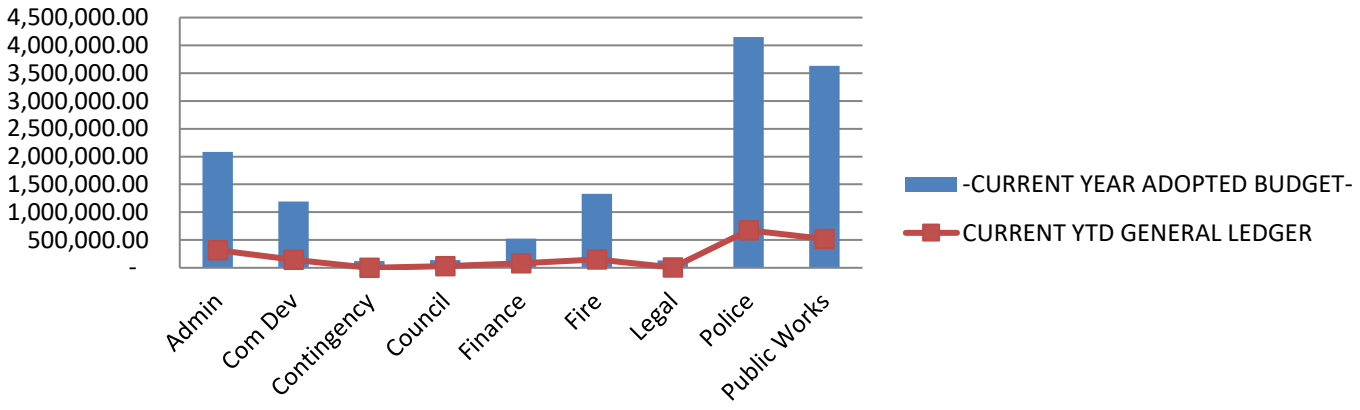
This report reflects year to date revenue and expenditures as compared to annual budget.
It does not reflect fund balance.

PREPARED BY: FINANCE DEPARTMENT

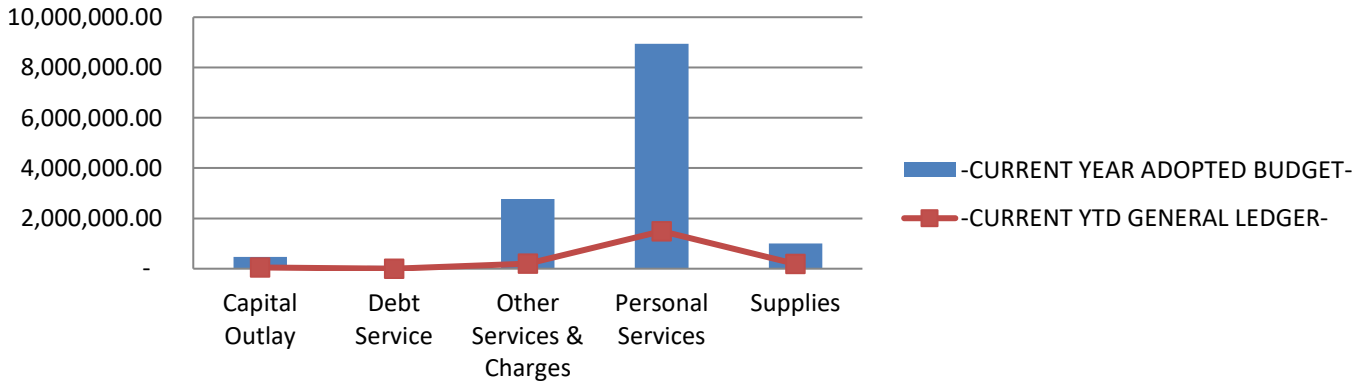
CITY OF RAMSEY
FINANCIAL STATEMENT

JANUARY 1, 2020 THROUGH PERIOD ENDING: **February 29, 2020**

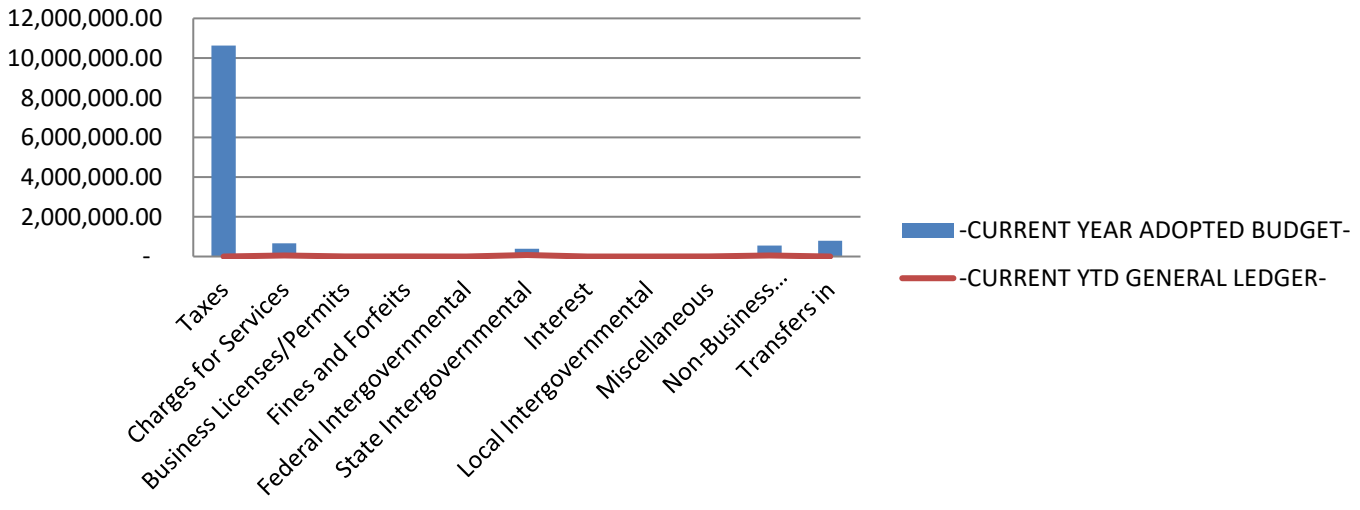
GENERAL FUND EXPENDITURES - BY DEPARTMENT



GENERAL FUND EXPENDITURES - BY CATEGORY



GENERAL FUND REVENUES



This report reflects year to date revenue and expenditures as compared to annual budget.
It does not reflect fund balance.

PREPARED BY: FINANCE DEPARTMENT

CITY OF RAMSEY
FINANCIAL STATEMENT

JANUARY 1, 2020 THROUGH PERIOD ENDING: February 29, 2020

REVENUES

BUSINESS UNIT 9601 WATER UTILITY

GENERAL LEDGER ACCOUNT		CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
4140	CREDIT CARD PROCESSING FEES	(15,000.00)	(871.11)	5.81%
4609	OTHER MISCELLANEOUS REVENUES	62,000.00	(2.70)	0.00%
4652	WATER SALES - RESIDENTIAL	1,301,588.00	582.57	0.04%
4653	WATER SALES-COMMERCIAL	679,518.00	11.23	0.00%
4654	WATER PENALTIES	37,308.00	(556.51)	-1.49%
4655	WATER METER INSTALLATION	12,000.00	850.00	7.08%
4656	WATER METERS	30,000.00	2,503.00	8.34%
4657	CONNECTION/RECONNECTION FEES	500.00	150.00	30.00%
4701	INTEREST ON INVESTMENTS	175,000.00	-	0.00%
4606	DEVELOPER FEES (WAC)		3,993.00	0.00%
4601	MISCELLANEOUS REVENUE		1,804.15	0.00%
Grand Total		**2,282,914.00**	**8,463.63**	

EXPENSES

BUSINESS UNIT 9601 WATER UTILITY

GENERAL LEDGER ACCOUNT		CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
6102	F.T. REGULAR-WAGES & SALARIES	247,637.00	32,648.41	13.18%
6103	FULL TIME-REGULAR-OVERTIME	13,500.00	2,949.51	21.85%
6105	TEMPORARY-WAGES & SALARIES	19,167.00	-	0.00%
6121	PERA CONTRIBUTIONS	54,585.00	3,060.32	5.61%
6122	FICA/MEDICARE CONTRIBUTIONS	21,667.00	3,285.73	15.16%
6131	GROUP INSURANCE	34,467.00	5,344.64	15.51%
6133	WORKERS COMP INSURANCE PREMIUM	14,954.00	-	0.00%
6208	MISCELLANEOUS OFFICE SUPPLIES	600.00	-	0.00%
6223	GASOLINE	5,000.00	643.42	12.87%
6225	DIESEL FUEL	3,500.00	81.20	2.32%
6229	SHOP MATERIALS	600.00	18.80	3.13%
6231	UNIFORMS & TURN-OUT GEAR	2,900.00	150.00	5.17%
6249	MISCELLANEOUS OPERATING SUPPLY	18,000.00	359.01	1.99%
6257	OTHER VEHICLE PARTS	7,000.00	1,091.78	15.60%
6273	UTILITY SYSTEM MAINT SUPPLIES	78,000.00	4,437.83	5.69%
6281	SMALL TOOLS & MINOR EQUIPMENT	6,000.00	-	0.00%
6292	WATER METERS FOR RESALE	70,000.00	2,232.38	3.19%
6315	MISCELLANEOUS PROFESSIONAL SER	150,000.00	-	0.00%
6322	POSTAGE	3,000.00	59.65	1.99%
6323	CELLULAR PHONES	4,000.00	286.14	7.15%
6334	MILEAGE REIMBURSEMENT	400.00	-	0.00%
6335	TRAINING	2,400.00	1,998.22	83.26%
6352	GENERAL NOTICE & PUBLIC INFOR	300.00	-	0.00%
6361	GENERAL LIABILITY/PROPERTY INS	32,000.00	5,567.00	17.40%
6371	ELECTRIC UTILITIES	150,000.00	7,639.57	5.09%
6373	GAS	3,000.00	(3.51)	-0.12%
6374	REFUSE/RECYCLING	700.00	98.44	14.06%
6381	BUILDING & STRUCTURE REPAIR	3,500.00	1,592.11	45.49%
6439	OTHER MISCELLANEOUS	64,000.00	-	0.00%
6451	MEMBERSHIP DUES	1,400.00	-	0.00%
6489	OTHER CONTRACTED SERVICES	76,000.00	615.00	0.81%
6722	DEPRECIATION	798,000.00	-	0.00%
6820	OPERATING TRANSFERS TO OTHER F	45,000.00	-	0.00%
Grand Total		**1,931,277.00**	**74,155.65**	

Note: The Finance Department has highlighted line items that may be trending towards exceeding budget OR not may not have been included in the adopted budget.

CITY OF RAMSEY
FINANCIAL STATEMENT

JANUARY 1, 2020 THROUGH PERIOD ENDING: February 29, 2020

REVENUES

BUSINESS UNIT	9602	SEWER UTILITY		
GENERAL LEDGER ACCOUNT		CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
4140	CREDIT CARD PROCESSING FEES	(12,000.00)	(689.39)	5.74%
4356	SEWER AVAILABILITY CHARGE-ADM	5,000.00	49.70	0.99%
4609	OTHER MISCELLANEOUS REVENUES	5,000.00	-	0.00%
4661	RESIDENTIAL-SEWER CHARGES	1,283,710.00	688.96	0.05%
4662	COMMERCIAL-SEWER CHARGES	374,508.00	20.53	0.01%
4663	SEWER PENALTIES	40,000.00	(313.60)	-0.78%
4701	INTEREST ON INVESTMENTS	125,000.00	-	0.00%
4601	MISCELLANEOUS REVENUE		1,804.16	0.00%
Grand Total		**1,821,218.00**	**1,560.36**	

EXPENSES

BUSINESS UNIT	9602	SEWER UTILITY		
GENERAL LEDGER ACCOUNT		CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
6102	F.T. REGULAR-WAGES & SALARIES	167,737.00	9,986.68	5.95%
6103	FULL TIME-REGULAR-OVERTIME	-	123.53	0.00%
6121	PERA CONTRIBUTIONS	30,580.00	865.14	2.83%
6122	FICA/MEDICARE CONTRIBUTIONS	12,945.00	886.11	6.85%
6131	GROUP INSURANCE	6,757.00	-	0.00%
6133	WORKERS COMP INSURANCE PREMIUM	8,476.00	-	0.00%
6223	GASOLINE	4,000.00	365.67	9.14%
6225	DIESEL FUEL	2,800.00	-	0.00%
6249	MISCELLANEOUS OPERATING SUPPLY	18,000.00	4,308.55	23.94%
6275	OTHER EQUIPMENT PARTS	9,000.00	4,923.26	54.70%
6315	MISCELLANEOUS PROFESSIONAL SER	65,000.00	-	0.00%
6334	MILEAGE REIMBURSEMENT	400.00	-	0.00%
6335	TRAINING	2,400.00	1,193.00	49.71%
6361	GENERAL LIABILITY/PROPERTY INS	22,000.00	541.00	2.46%
6371	ELECTRIC UTILITIES	17,000.00	1,019.14	5.99%
6373	GAS	2,500.00	-	0.00%
6374	REFUSE/RECYCLING	700.00	98.44	14.06%
6377	SEWER SERVICE CHARGE	853,599.00	213,399.72	25.00%
6489	OTHER CONTRACTED SERVICES	28,000.00	125.00	0.45%
6722	DEPRECIATION	535,500.00	-	0.00%
6820	OPERATING TRANSFERS TO OTHER F	39,000.00	-	0.00%
Grand Total		**1,826,394.00**	**237,835.24**	

Note: The Finance Department has highlighted line items that may be trending towards exceeding budget OR not may not have been included in the adopted budget.

CITY OF RAMSEY
FINANCIAL STATEMENT

JANUARY 1, 2020 THROUGH PERIOD ENDING: February 29, 2020

REVENUES

BUSINESS UNIT	9603	STREET LIGHT UTILITY	
GENERAL LEDGER ACCOUNT	CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
4140 CREDIT CARD PROCESSING FEES	(3,500.00)	(217.23)	6.21%
4681 CHARGES FOR STREET LIGHTS	156,933.00	77.47	0.05%
4683 STREET LIGHTING PENALTIES	7,000.00	(24.83)	-0.35%
4701 INTEREST ON INVESTMENTS	15,000.00	-	0.00%
4684 PRIORITY STREET LIGHT	53,012.00	13.22	0.02%
Grand Total	**228,445.00**	**(151.37)**	

EXPENSES

BUSINESS UNIT	9603	STREET LIGHT UTILITY	
GENERAL LEDGER ACCOUNT	CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
6371 ELECTRIC UTILITIES	125,000.00	10,107.40	8.09%
6489 OTHER CONTRACTED SERVICES	14,300.00	-	0.00%
6722 DEPRECIATION	48,801.00	-	0.00%
6820 OPERATING TRANSFERS TO OTHER F	22,000.00	-	0.00%
Grand Total	**210,101.00**	**10,107.40**	

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CITY OF RAMSEY
FINANCIAL STATEMENT

JANUARY 1, 2020 THROUGH PERIOD ENDING: **February 29, 2020**

REVENUES

BUSINESS UNIT	9604	RECYCLING UTILITY	
GENERAL LEDGER ACCOUNT	CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
4140 CREDIT CARD PROCESSING FEES	(4,000.00)	(243.88)	6.10%
4287 OTHER LOCAL GOVERNMENT GRANTS	77,566.00	-	0.00%
4609 OTHER MISCELLANEOUS REVENUES	-	401.20	0.00%
4671 RECYCLING CHARGES	313,100.00	85.87	0.03%
4672 RECYCLING PENALTIES	8,000.00	(8.76)	-0.11%
4701 INTEREST ON INVESTMENTS	3,500.00	-	0.00%
Grand Total	**398,166.00**	**234.43**	

EXPENSES

BUSINESS UNIT	9604	RECYCLING UTILITY	
GENERAL LEDGER ACCOUNT	CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
6102 F.T. REGULAR-WAGES & SALARIES	22,465.00	2,142.59	9.54%
6104 PART TIME-WAGES & SALARIES	7,280.00	-	0.00%
6121 PERA CONTRIBUTIONS	2,231.00	170.62	7.65%
6122 FICA/MEDICARE CONTRIBUTIONS	2,286.00	147.39	6.45%
6131 GROUP INSURANCE	3,437.00	-	0.00%
6133 WORKERS COMP INSURANCE PREMIUM	236.00	-	0.00%
6249 MISCELLANEOUS OPERATING SUPPLY	32,000.00	2,491.86	7.79%
6322 POSTAGE	300.00	27.50	9.17%
6489 OTHER CONTRACTED SERVICES	325,000.00	52,881.70	16.27%
Grand Total	**395,235.00**	**57,861.66**	

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CITY OF RAMSEY
FINANCIAL STATEMENT

JANUARY 1, 2020 THROUGH PERIOD ENDING: **February 29, 2020**

REVENUES

BUSINESS UNIT	9605	STORM WATER UTILITY	
GENERAL LEDGER ACCOUNT	CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
4140 CREDIT CARD PROCESSING FEES	(6,500.00)	(353.69)	5.44%
4693 STORM WATER-RESIDENTIAL	563,931.00	156.13	0.03%
4694 STORM WATER-COMMERCIAL	554,175.00	262.17	0.05%
4695 STORM WATER-PENALTIES	21,493.00	(165.68)	-0.77%
4701 INTEREST ON INVESTMENTS	15,000.00	-	0.00%
Grand Total	**1,148,099.00**	**(101.07)**	

EXPENSES

BUSINESS UNIT	9605	STORM WATER UTILITY	
GENERAL LEDGER ACCOUNT	CURRENT YEAR REQUESTED BUDGET	CURRENT YTD GENERAL LEDGER	-% of Budget-
6102 F.T. REGULAR-WAGES & SALARIES	138,085.00	3,143.41	2.28%
6121 PERA CONTRIBUTIONS	27,356.00	235.89	0.86%
6122 FICA/MEDICARE CONTRIBUTIONS	10,598.00	237.19	2.24%
6131 GROUP INSURANCE	20,781.00	-	0.00%
6133 WORKERS COMP INSURANCE PREMIUM	5,889.00	-	0.00%
6225 DIESEL FUEL	5,500.00	190.40	3.46%
6249 MISCELLANEOUS OPERATING SUPPLY	10,000.00	41.43	0.41%
6257 OTHER VEHICLE PARTS	9,500.00	-	0.00%
6315 MISCELLANEOUS PROFESSIONAL SER	60,000.00	-	0.00%
6361 GENERAL LIABILITY/PROPERTY INS	8,652.00	-	0.00%
6371 ELECTRIC UTILITIES	3,000.00	253.44	8.45%
6373 GAS	2,500.00	-	0.00%
6374 REFUSE/RECYCLING	700.00	98.44	14.06%
6451 MEMBERSHIP DUES	22,000.00	-	0.00%
6489 OTHER CONTRACTED SERVICES	40,000.00	-	0.00%
6722 DEPRECIATION	344,793.00	-	0.00%
6820 OPERATING TRANSFERS TO OTHER F	34,000.00	-	0.00%
Grand Total	**743,354.00**	**4,200.20**	

Note: The Finance Department has highlighted line items that may be trending towards exceeding budget OR not may not have been included in the adopted budget.

CC Regular Session **5. 2.**

Meeting Date: 04/14/2020

By: Diana Lund, Finance

Information

Title

Receive Cash and Investments for Period Ending March 31, 2020

Purpose/Background:

Purpose: Receive reports of the city's cash and investments for the period ending March 31, 2020.

Cash and investment report shows the monthly cash flow - receipts and expenditures through March 31, 2020 with the current listing of the city's investment portfolio.

Recommendation:

No action required. Informational only.

Action:

No action required. Informational only.

Attachments

Cash & Investments for Period Ending March 31, 2020

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	04/08/2020 05:12 PM
Form Started By: Diana Lund		Started On: 03/31/2020 01:28 PM
Final Approval Date: 04/08/2020		

CITY OF RAMSEY
REPORT OF POOLED CASH FLOWS
Period Ended March 31, 2020

	March-20 CURRENT MONTH	2020 YEAR-TO-DATE
CASH AND TEMPORARY INVESTMENTS		
BEGINNING BALANCE	$ 82,854,220.37	$ 84,144,038.99
CASH INFLOWS:		
Daily Deposit	638,379.10	1,714,678.03
Tax Settlements	-	116,640.63
U/B Receipts	33,940.78	483,655.10
Credit Cards (Includes Utility Billing)	145,853.02	826,850.37
Interest Earnings [Net of Interest Paid on Investments]	154,561.34	444,836.44
Bond Proceeds		-
TOTAL CASH INFLOW	$ 972,734.24	$ 3,586,660.57
TOTAL CASH AVAILABLE	$ 83,826,954.61	$ 87,730,699.56
CASH OUTFLOWS:		
Prepaid Checks	429,126.95	1,889,761.03
Bills Lists	364,993.31	1,702,436.01
Pay Estimates		-
Credit Cards	8,145.55	14,620.66
Payroll - Net	378,585.12	1,112,932.84
Flex Reimbursement	2,889.68	13,478.60
Void Checks/Dormant Checks Paid	(241.36)	(44,368.44)
Debt Service		398,097.50
Miscellaneous [Bank Charges; etc.]	145.50	431.50
TOTAL CASH OUTFLOW	$ 1,183,644.75	$ 5,087,389.70
POOLED CASH AND TEMPORARY INVESTMENTS ENDING BALANCE	**$ 82,643,309.86**	**$ 82,643,309.86**
MEMO - NET 2019 CASH INFLOW (OUTFLOW)	**(210,910.51)**	**(1,500,729.13)**
INVESTMENT PORTFOLIO SUMMARY		
BEGINNING BALANCE	**$ 73,922,100.23**	**73,537,171.61**
Purchases	2,310,000.00	10,505,000.00
Maturities/Sales	(5,937,043.72)	(13,747,115.10)
ENDING BALANCE	**$ 70,295,056.51**	**$ 70,295,056.51**

Prepared by the City of Ramsey Finance Department
4/3/2020

2020 CASH AND INVESTMENT ACTIVITY

CITY INVEST #	STATED MAT DATE	BROKER	SECURITY DESCRIP	FDIC #	CUSIP	PRIN BAL 1/1/2020	PURCH 2020	SOLD/ MATURE 2020	BV PRIN BAL 12/31/2020	PAR
191205	12/4/2020	4M	Term Series 4M			500,000.00		0.00	500,000.00	500,000.00
190927	3/31/2020	4M	Term Series 4M			1,750,000.00		1,750,000.00	0.00	1,750,000.00
190328	3/31/2020	4M	Term Series 4M			1,000,000.00		1,000,000.00	0.00	1,000,000.00
200204B	5/5/2020	4M	Term Series 4M			0.00	2,000,000.00	0.00	2,000,000.00	2,000,000.00
190131C	1/30/2020	4M	Term Series 4M			2,000,000.00		2,000,000.00	0.00	2,000,000.00
									2,500,000.00	
160322B	1/1/2020	BAIRD	MINNENOTONKA MN ISD 276		604195D20	100,000.00		100,000.00	0.00	100,000
150701A	2/1/2020	BAIRD	WINTHROP MN TAX		976367ND0	290,000.00		290,000.00	0.00	290,000
191008A	12/1/2020	BAIRD	ROCK ISLAND IL TAX		7724872H6	255,000.00		0.00	255,000.00	255,000
150701B	2/1/2021	BAIRD	WINTHROP MN TAX		976367NE8	305,000.00		0.00	305,000.00	305,000
160322A	3/22/2021	BAIRD	FNMA		3136H3BT1	250,000.00		0.00	250,000.00	250,000
140904	9/1/2021	BAIRD	OKLAHOMA TAXABLE		678519RP6	535,000.00		0.00	535,000.00	535,000
191008B	12/1/2021	BAIRD	ROCK ISLAND IL TAX		772487J2	270,000.00		0.00	270,000.00	270,000
191008C	12/1/2022	BAIRD	ROCK ISLAND IL TAX		7724872K9	270,000.00		0.00	270,000.00	270,000
									1,885,000.00	
180302	1/2/2020	ICD SEC	CD-AXIOM BANK	31390	05464LAV3	200,000.00		200,000.00	0.00	200,000
200130A	1/30/2023	ICD SEC	CD-UNION BANK	34934	90520VATO		245,000.00	0.00	245,000.00	245,000
200130B	7/30/2021	ICD SEC	CD-COMMUNITY BANKE	26871	20361LCG7		245,000.00	0.00	245,000.00	245,000
180124A	1/24/2020	ICD SEC	CD-CROSSFIRST BANK	58648	2766ACD5	249,000.00		249,000.00	0.00	249,000
170728B	1/28/2020	ICD SEC	CD-NATIONWIDE BANK	34710	63861NAH8	249,000.00		249,000.00	0.00	249,000
180129	1/29/2020	ICD SEC	CD-FORTUNE BANK	58107	34969RCD8	248,000.00		248,000.00	0.00	248,000
180730	2/28/2020	ICD SEC	CD-METABANK	30776	59101LEF0	245,000.00		245,000.00	0.00	245,000.00
170928	3/27/2020	ICD SEC	CD-CONNECTONE BANK	57919	20786ABV6	249,000.00		249,000.00	0.00	249,000
170929	3/27/2020	ICD SEC	CD-LANDMARK COMM B	34982	51507LBM5	249,000.00		249,000.00	0.00	249,000
180329	3/30/2020	ICD SEC	CD-CITIBANK-Semiannual	7213	17312QHS1	249,000.00		249,000.00	0.00	249,000
180406C	4/6/2020	ICD SEC	CD-SYNCHRONY BANK-S	27314	87164WUX4	249,000.00		0.00	249,000.00	249,000
180712	4/13/2020	ICD SEC	CD-HADDON SAVINGS B/	28222	404730BV4	245,000.00		0.00	245,000.00	245,000.00
180417	4/17/2020	ICD SEC	CD-SOUTHWEST NATION	4801	845182BK9	151,000.00		0.00	151,000.00	151,000
180727B	4/27/2020	ICD SEC	CD-PLUS INTERNATIONA	57083	7294OUJH9	245,000.00		0.00	245,000.00	245,000.00
180430B	4/30/2020	ICD SEC	CD-MAGYAR BANK-Semi:	30704	55977RBP7	225,000.00		0.00	225,000.00	225,000
190607	5/7/2020	ICD SEC	CD-BANK OZARK	110	064417NJE4	245,000.00		0.00	245,000.00	245,000
181217A	5/18/2020	ICD SEC	CD-FIRST SOURCE BANK	9087	33646CKN3	245,000.00		0.00	245,000.00	245,000
170922	5/26/2020	ICD SEC	CD-TEXAS EXCHANGE B.	20096	88241TCA6	249,000.00		249,000.00	0.00	249,000
190827	5/27/2020	ICD SEC	CD-ZIONS BANKCORP	2270	9897OI2Q5	245,000.00		0.00	245,000.00	245,000.00
190530C	5/29/2020	ICD SEC	CD-BANK UNITED	58979	066519JV2	245,000.00		0.00	245,000.00	245,000
171130C	5/29/2020	ICD SEC	CD-HENRY COUNTY BAN	15384	426336BM4	200,000.00		0.00	200,000.00	200,000
180531A	5/29/2020	ICD SEC	CD-STEARNS BANK	10988	857894WV9	249,000.00		0.00	249,000.00	249,000
180530	5/29/2020	ICD SEC	CD-WEX BANK-Semiannua	34697	92937CHA9	249,000.00		0.00	249,000.00	249,000
181207	6/8/2020	ICD SEC	CD-CIT BANK	58978	12556LAN6	245,000.00		0.00	245,000.00	245,000
190612	6/11/2020	ICD SEC	CD-FIRST FINANCIAL BA	6600	32021SGD2	245,000.00		0.00	245,000.00	245,000
181212B	6/12/2020	ICD SEC	CD-BANK OF AMERICA	3510	06051VD37	245,000.00		0.00	245,000.00	245,000
171215B	6/15/2020	ICD SEC	CD-PACIFIC CITY BANK	57463	69406PCT4	249,000.00		0.00	249,000.00	249,000
181214	6/15/2020	ICD SEC	CD-PINNACLE BANK	35583	72345SHM6	245,000.00		0.00	245,000.00	245,000
181221	6/22/2020	ICD SEC	CD-BROOKLINE BANK	17798	11373QFZ6	245,000.00		0.00	245,000.00	245,000
180629B	6/25/2020	ICD SEC	CD-FIRST INTERNET BAN	34607	32056GC21	249,000.00		0.00	249,000.00	249,000
181228B	6/29/2020	ICD SEC	CD-COMMUNITY FIRST E	57511	20368TCH1	245,000.00		0.00	245,000.00	245,000
180706	7/6/2020	ICD SEC	CD-ORIENTAL BANK	31469	68621KBWO	245,000.00		0.00	245,000.00	245,000.00
190711	7/13/2020	ICD SEC	CD-SECURITY BANK	15731	81404QABO	245,000.00		0.00	245,000.00	245,000
180117	7/17/2020	ICD SEC	CD-CITIZENS NATIONAL	06531	175144DH4	150,000.00		0.00	150,000.00	150,000
180718A	7/20/2020	ICD SEC	CD-UNITED STATE BANK	12214	91153QAE6	245,000.00		0.00	245,000.00	245,000.00
170726	7/27/2020	ICD SEC	CD-GOLDMAN SACHS	33124	38148PLS4	249,000.00		0.00	249,000.00	249,000
190514	8/14/2020	ICD SEC	CD-DIME COMMUNITY B	16012	25432JAA1	245,000.00		0.00	245,000.00	245,000
180831A	8/31/2020	ICD SEC	CD-PROVIDENT BANK	90141	743837DK9	204,000.00		0.00	204,000.00	204,000.00
180921A	9/21/2020	ICD SEC	CD-DISCOVER BANK	5649	254673TS5	145,000.00		0.00	145,000.00	145,000
190621B	9/21/2020	ICD SEC	CD-GREAT SOUTHERN B.	29546	39120VSJ4	245,000.00		245,000.00	0.00	245,000
171012	10/13/2020	ICD SEC	CD-ALLY BANK	57803	03006L5Z2	74,000.00		0.00	74,000.00	74,000
181217B	10/16/2020	ICD SEC	CD-FARM BUREAU BANK	35157	307660LA6	245,000.00		0.00	245,000.00	245,000
190726A	10/26/2020	ICD SEC	CD-COMMUNITY WEST E	27572	20415Q6W3	245,000.00		0.00	245,000.00	245,000
171027	10/27/2020	ICD SEC	CD-THIRD FEDERAL SAV	30012	88413QBS6	249,000.00		0.00	249,000.00	249,000
190523	11/23/2020	ICD SEC	CD-CIBC BANK	33306	12547CAE8	245,000.00		0.00	245,000.00	245,000
181213	12/14/2020	ICD SEC	CD-ALLY BANK	57803	02007GGP2	75,000.00		0.00	75,000.00	75,000
181228F	12/28/2020	ICD SEC	CD-BANK OF PRINCETON	58513	065452OAV1	245,000.00		0.00	245,000.00	245,000
181228E	12/28/2020	ICD SEC	CD-FIRST BANK OF PUER	30387	33767A6W6	249,000.00		0.00	249,000.00	249,000
191230E	12/29/2020	ICD SEC	CD-BANK OF CHINA	33653	06428FPU5	245,000.00		0.00	245,000.00	245,000
171229B	12/29/2020	ICD SEC	CD-STATE BANK OF FEN	11406	856188AV9	249,000.00		0.00	249,000.00	249,000
190118B	1/19/2021	ICD SEC	CD-NBT BANK NA	7230	628779GB0	245,000.00		0.00	245,000.00	245,000
190719B	1/19/2021	ICD SEC	CD-WELLSLEY BANK	26605	94948LCR0	245,000.00		0.00	245,000.00	245,000
180726	4/26/2021	ICD SEC	CD-SIGNATURE BANK	57269	82668XFZ6	245,000.00		0.00	245,000.00	245,000.00
190712	7/12/2021	ICD SEC	CD-TIAA FSB	34775	8727OLCJ0	85,000.00		0.00	85,000.00	85,000
180717	7/16/2021	ICD SEC	CD-CURRIE STATE BANK	8833	23130SDL4	245,000.00		0.00	245,000.00	85,000
190118A	7/19/2021	ICD SEC	CD-TIAA FSB	34775	8727OLBQ5	156,000.00		0.00	156,000.00	85,000

2020 CASH AND INVESTMENT ACTIVITY

CITY INVEST #	STATED MAT DATE	BROKER	SECURITY DESCRIP	FDIC #	CUSIP	PRIN BAL 1/1/2020	PURCH 2020	SOLD/ MATURE 2020	BV PRIN BAL 12/31/2020	PAR
197023	7/23/2021	ICD SEC	CD-SECURITY STATE BA	11907	81500JAT0	245,000.00		245,000.00	0.00	85,000
190731B	7/30/2021	ICD SEC	CD-CURRIE STATE BANK	8172	510354AB9	245,000.00		0.00	245,000.00	85,000
190909	9/9/2021	ICD SEC	CD-READING COOP BANI	26620	755324CH1	245,000.00		0.00	245,000.00	245,000
180718B	10/18/2021	ICD SEC	CD-HERITAGE BANK	30090	42724JEH4	245,000.00		0.00	245,000.00	245,000.00
191023	10/22/2021	ICD SEC	CD-GREAT WESTERN BA	15289	391414BMO	245,000.00		245,000.00	0.00	245,000
190719C	11/19/2021	ICD SEC	CD-BANK OF NEW ENGL/	24540	06426KBF4	245,000.00		245,000.00	0.00	245,000
191211	12/13/2021	ICD SEC	CD-SALLIE MAE BANK	58177	7954505X9	245,000.00		0.00	245,000.00	245,000
181228D	12/28/2021	ICD SEC	CD-BAR HARBOR BANK &	11971	066851WK8	245,000.00		0.00	245,000.00	245,000
181228C	12/28/2021	ICD SEC	CD-BMW BANK	35141	05580AQB3	96,000.00		0.00	96,000.00	96,000
190628A	12/28/2021	ICD SEC	CD-FLAGSTAR BANK	32541	33847E2Q9	245,000.00		0.00	245,000.00	245,000
191231A	12/31/2021	ICD SEC	CD-IOWA TRUST & SAVII	18400	462595BB4	245,000.00		0.00	245,000.00	245,000
190130	1/30/2022	ICD SEC	CD-SECURITY FIRST BAN	5415	8142PAX9	245,000.00		245,000.00	0.00	245,000
190828A	2/28/2022	ICD SEC	CD-SB ONE BANK	22221	78414TBD3	245,000.00		245,000.00	0.00	245,000.00
191121	5/20/2022	ICD SEC	CD-AMERICAN NATIONA	33812	066519JV2	245,000.00		0.00	245,000.00	245,000
190718	7/18/2022	ICD SEC	CD-WESTERN BANK OF V	341	95772AAK9	245,000.00		245,000.00	0.00	245,000
190719A	7/19/2022	ICD SEC	CD-FRONTIER BANK	33922	359067CZ6	245,000.00		245,000.00	0.00	245,000
180727A	7/27/2022	ICD SEC	CD-KANSAS STATE BANI	19899	50116CBY4	245,000.00		0.00	245,000.00	245,000.00
191025	10/25/2022	ICD SEC	CD-FLORIDA CAPITAL BA	26323	340569GH7	245,000.00		0.00	245,000.00	245,000
191220C	12/20/2022	ICD SEC	CD-FRANKLIN SYNERGY	58714	35471TFQ0	245,000.00		0.00	245,000.00	245,000
191227A	12/27/2022	ICD SEC	CD-PROMISEONE BANK	58657	74348HAB4	245,000.00		0.00	245,000.00	245,000
191227B	12/27/2022	ICD SEC	CD-LCA BANK	58148	501798PB2	245,000.00		0.00	245,000.00	245,000
191230D	12/30/2022	ICD SEC	CD-FIRST NATIONAL BAI	03330	32112UDL2	245,000.00		0.00	245,000.00	245,000
191230C	6/30/2023	ICD SEC	CD-BANK OF SOUTHERN	57044	065104AF8	245,000.00		0.00	245,000.00	245,000
191115B	11/15/2023	ICD SEC	CD-LIVE OAKS BANKING	58665	066519JV2	245,000.00		0.00	245,000.00	245,000
191206	12/6/2023	ICD SEC	CD-LIBERTY NATIONAL I	6516	530880AL7	245,000.00		0.00	245,000.00	245,000
191220B	12/20/2024	ICD SEC	CD-FIRST BANK MCCOM	05907	319234BF6	245,000.00		0.00	245,000.00	245,000
									14,827,000.00	
150903	11/1/2021	Northland	BROOKFIELD WI, TAXABLE		112857-BL-0	500,000.00		0.00	500,000.00	500,000
200123	12/15/2022	Northland	LUVERNE MN TAX		550629-VE-6		330,000.00	0.00	330,000.00	330,000
200130D	3/1/2022	Northland	RICHLAND SCHOOL DISTRICT		764080-FN-2		200,000.00	50,000.00	150,000.00	200,000
200113	3/1/2027	Northland	RICHLAND SCHOOL DISTRICT		764080-FT-9		165,000.00	0.00	165,000.00	165,000
200323	12/1/2020	Northland	NEW HAMPSHIRE STATE TAX		644682-4H-6		285,000.00	0.00	285,000.00	285,000
200326A	4/1/2023	Northland	TULSA COUNTY OK TAX		899525-TR-0		100,000.00	0.00	100,000.00	100,000
190627	2/1/2020	Northland	MOORHEAD MINN ISD #152		616157-SK-0	500,000.00		500,000.00	0.00	500,000
110310	2/1/2020	Northland	BROOKLYN CENTER ISD#286		113853-KG-9	285,000.00		285,000.00	0.00	285,000
100803D	2/1/2020	Northland	NEW PRAGUE BAB		648159-TZ-4	70,000.00		70,000.00	0.00	70,000
161003C	2/1/2020	Northland	OLIVIA MN TAX		681079-YF-0	100,000.00		100,000.00	0.00	100,000
171228A	2/1/2020	Northland	SCOTT COUNTY TAX		809557-AY-7	60,000.00		60,000.00	0.00	60,000
140502	2/15/2020	Northland	COLLINGSWOOD NJ TAX		194756-PQ-9	145,000.00		145,000.00	0.00	145,000
171218B	3/1/2020	Northland	GLENDALE RIVER HILLS WIS TAX		378541-CN-4	135,000.00		135,000.00	0.00	135,000
160606	5/1/2020	Northland	ANCHOR BAY MI SCH DISTRICT		355185-PJ-2	500,000.00		0.00	500,000.00	500,000
160728A	5/1/2020	Northland	WISCONSIN STATE TAX		97705M-DS-1	500,000.00		0.00	500,000.00	500,000
140730B	6/1/2020	Northland	DES MOINES IA TAXABLE		25009X-GC-3	145,000.00		0.00	145,000.00	145,000
180212C	6/1/2020	Northland	IOWA WESTIN COMM COLLEGE		462612-SB-9	160,000.00		0.00	160,000.00	160,000
141006	6/1/2020	Northland	NORTHEAST IOWA COMM COLLEGE		664214-JQ-7	320,000.00		0.00	320,000.00	320,000
170620B	6/1/2020	Northland	WATERLOO IOWA TAXABLE		941647-VT-3	210,000.00		0.00	210,000.00	210,000
181011	10/1/2020	Northland	OKLAHOMA COUNTY ISD #6		678720-KJ-1	400,000.00		0.00	400,000.00	400,000
191003B	12/1/2020	Northland	SOUTH-WESTERN CITY SCHOOL DIST (		840658-PX-0	230,000.00		0.00	230,000.00	230,000
140620	12/1/2020	Northland	CELINA OHIO SCHOOL DISTR		151069-FD-8	300,000.00		0.00	300,000.00	300,000
130815A	12/1/2020	Northland	CHASKA, MN TAX		161664-DY-0	75,000.00		0.00	75,000.00	75,000
120308A	12/1/2020	Northland	SHOREWOOD WIS TAX		825230-KU-8	75,000.00		0.00	75,000.00	150,000
130702B	1/1/2021	Northland	MINNETONKA ISD #276		604195-VY-0	400,000.00		0.00	400,000.00	400,000
130722	2/1/2021	Northland	MOUND MN TAXABLE		620S35-W4-2	95,000.00		0.00	95,000.00	95,000
171228B	2/1/2021	Northland	SCOTT COUNTY TAX		809557-AZ-4	115,000.00		0.00	115,000.00	115,000
190220A	3/1/2021	Northland	FRANKLIN WIS TAX		419791-U97	500,000.00		0.00	500,000.00	500,000
170712	7/1/2021	Northland	GARDENDALE ALA TAX		365478-DQ-6	240,000.00		0.00	240,000.00	240,000
190628A	8/1/2021	Northland	WASHINGTON STATE GO TAX		93974DYX0	500,000.00		0.00	500,000.00	500,000
190731A	11/30/2021	Northland	CD-ENERBANK		29266N7E1	148,000.00		0.00	148,000.00	148,000
191017	12/1/2021	Northland	COLUMBS OH SCHOOL DISTR		199507-6J-8	130,000.00		0.00	130,000.00	130,000
130815B	12/1/2021	Northland	CHASKA, MN TAX		161664-DZ-7	75,000.00		0.00	75,000.00	75,000
141104	2/1/2022	Northland	DULUTH MN TAXABLE		264438-G5-5	150,000.00		0.00	150,000.00	150,000
150430	2/1/2022	Northland	MINNETONKA ISD #276		604195-YG-6	270,000.00		0.00	270,000.00	270,000
130624B	2/1/2022	Northland	RAMSEY COUNTY TAXABLE		751622-HG-9	285,000.00		0.00	285,000.00	285,000
190826	3/1/2022	Northland	OCONOMOWOC WIS TAX BOND		675635-KW-5	250,000.00		0.00	250,000.00	250,000
120321	3/1/2022	Northland	MADISION WI SCHOOL DISTR		558495-KN-6	500,000.00		0.00	500,000.00	500,000
190703	4/1/2022	Northland	WEST ALLIS WIS TAX		951173-JA-2	180,000.00		0.00	180,000.00	180,000
190424	5/15/2022	Northland	TEXAS A&M TAX		88213AEH4	130,000.00		0.00	130,000.00	130,000
120606B	6/1/2022	Northland	CEDAR RAPIDS IO TAX		150528-N2-6	135,000.00		0.00	135,000.00	135,000
170109	6/1/2022	Northland	DESMOINES IA TAX		250097-J3-7	200,000.00		0.00	200,000.00	200,000
150109	10/1/2022	Northland	HUBBARD COUNTY TAX		443348-DE-4	135,000.00		0.00	135,000.00	140,000
190515	11/1/2022	Northland	MICHICAN STATE SCHOOL TAX		594612-CY-7	205,000.00		0.00	205,000.00	205,000
120308B	12/1/2022	Northland	SHOREWOOD WIS TAX		825230-KW-4	150,000.00		0.00	150,000.00	150,000
130624A	2/1/2023	Northland	RAMSEY COUNTY TAXABLE		751622-HH-7	595,000.00		0.00	595,000.00	595,000
190628B	4/1/2023	Northland	WEST ALLIS WIS TAX		951173NP4	240,000.00		0.00	240,000.00	240,000

2020 CASH AND INVESTMENT ACTIVITY

CITY INVEST #	STATED MAT DATE	BROKER	SECURITY DESCRIP	FDIC #	CUSIP	PRIN BAL 1/1/2020	PURCH 2020	SOLD/ MATURE 2020	BV PRIN BAL 12/31/2020	PAR
160812	5/1/2023	Northland	MONROE MI TAX		611101-MF-0	190,000.00		0.00	190,000.00	190,000
191107A	6/1/2023	Northland	NEWTON IOWA TAX		652810-YZ-9	315,000.00		0.00	315,000.00	315,000
190726B	6/1/2023	Northland	DESMOINES IA COMM COLLEGE TAX		250097L75	250,000.00		0.00	250,000.00	250,000
120606A	6/1/2023	Northland	CEDAR RAPIDS IO TAX		150528-PA-9	140,000.00		0.00	140,000.00	140,000
180913	7/31/2023	Northland	CD-BANK NEW ENGLAND SALEM		06426K-AN-8	245,000.00		0.00	245,000.00	245,000
121228B	9/1/2023	Northland	MIDDLETON WIS REFUND		596782-T6-7	300,000.00		0.00	300,000.00	300,000
190220B	11/1/2023	Northland	HAWAII ST GO BONDS		214471-PA-6	200,000.00		0.00	200,000.00	200,000
161114B	2/1/2024	Northland	ANDOVER MN TAX		034313-ZU-3	300,000.00		0.00	300,000.00	300,000
130412	2/1/2024	Northland	BECKER MN TAX		075671LJ4	50,000.00		0.00	50,000.00	50,000
180730	10/1/2024	Northland	HUBBARD COUNTY TAX		443348-DG-9	100,000.00		0.00	100,000.00	100,000
120214B	9/1/2025	Northland	MIDDLETON WIS REFUND		596782-TJ-1	315,000.00		0.00	315,000.00	315,000
190227	12/1/2025	Northland	COOK COUNTY SCHOOL DISTRICT		032879-TC-2	500,000.00		0.00	500,000.00	500,000
190726C	7/17/2026	Northland	FFCB		3133EKVJ2	485,000.00		0.00	485,000.00	485,000
190404	9/1/2026	Northland	TUSCOLA COUNTY MISC TAX		900764RL7	395,000.00		0.00	395,000.00	395,000
191015	10/15/2026	Northland	FFCB		3133EK2H8	400,000.00		0.00	400,000.00	400,000
191003A	12/1/2026	Northland	SCOTT BLUFF CTY SCHOOL DIST		810164-CQ-4	385,000.00		0.00	385,000.00	385,000
120308C	12/1/2027	Northland	SHOREWOOD WIS TAX		825230-LB-9	225,000.00		0.00	225,000.00	225,000
190402	2/1/2028	Northland	CLOQUET MN TAX		189036-PS-9	150,000.00		0.00	150,000.00	150,000
191016B	4/1/2028	Northland	COLUMBUS OH TAX		199492E339	285,000.00		0.00	285,000.00	285,000
120308D	12/1/2028	Northland	SHOREWOOD WIS TAX		825230-LC-7	465,000.00		0.00	465,000.00	465,000
									15,768,000.00	
150310	4/1/2020	UBS	MONTGOMERY ALA TAX		613035L69	400,000.00		0.00	400,000.00	400,000
200113	4/15/2026	UBS	PHILADELPHIA AUTHORITY-ZERO COU		71781LBU2		300,000.00	0.00	300,000.00	300,000
200116	1/17/2023	UBS	CD-MORGAN STANLEY	32992	6169OURY8		245,000.00	0.00	245,000.00	245,000
200128	1/27/2021	UBS	CD-FIRST NATIONAL BAI	5452	33213SJA1		245,000.00	0.00	245,000.00	245,000
200130C	7/30/2020	UBS	CD-INVESTORS BANK	28892	46176PMT9		245,000.00	0.00	245,000.00	245,000
200131	7/31/2020	UBS	CD-BANK OF BARODA	33681	06063HKR3		245,000.00	0.00	245,000.00	400,000
200229		UBS	PRIME MM				3,000,000.00	0.00	3,000,000.00	3,000,000
200204A	2/3/2021	UBS	CD-TRUST BANK CHARLI	9846	89788HAH6		245,000.00	0.00	245,000.00	245,000
200205	8/5/2020	UBS	CD-BEAL BANK	57833	07370YZ96		245,000.00	0.00	245,000.00	245,000
200306	3/7/2022	UBS	CD-POWELL VALLEY NA'	6863	73913RAC7		240,000.00	0.00	240,000.00	240,000
200320	9/1/2028	UBS	PENNSYLVANIA UNIV TAX		709235P25		425,000.00	0.00	425,000.00	425,000
200324	3/1/1930	UBS	NEW YORK CITY TAXABLE		64966QJL5		500,000.00	0.00	500,000.00	500,000
200325	4/1/2024	UBS	NEW YORK HOUSING		6498833S2		500,000.00	0.00	500,000.00	500,000
200326B	8/1/2026	UBS	SAN BERNARDINO COMM		79672ONA47		500,000.00	0.00	500,000.00	500,000
160526	5/1/2020	UBS	MILAN MICH SCHOOL TAX		598801JD1	500,000.00		0.00	500,000.00	500,000
180531B	6/1/2020	UBS	CD-MORGAN STANLY	34221	6176OALP2	245,000.00		0.00	245,000.00	245,000
190725B	8/25/2020	UBS	CD-BMO HARRIS	16571	05581WX59	245,000.00		0.00	245,000.00	245,000
180831E	8/28/2020	UBS	CD-FIRST REPUBLIC BAN	59017	33616CBL3	245,000.00		0.00	245,000.00	245,000
151207	12/1/2020	UBS	SACRAMENTO TAXABLE		786060BB8	300,000.00		0.00	300,000.00	300,000
160613	12/1/2020	UBS	SCHILLER PARK TAX		8062721LM6	325,000.00		0.00	325,000.00	325,000
190123	1/25/2021	UBS	CD-ALLEGIANCE BANK	58629	01748DBM7	245,000.00		0.00	245,000.00	245,000
970625	2/25/2021	UBS	FNMA FNR-1991-7 H		31358FZW2	1,000.00		0.00	1,000.00	129,000
160927A	5/1/2021	UBS	YPSILANTI MI SCHOOL DISTR		987864NY7	405,000.00		0.00	405,000.00	405,000.00
160422	5/15/2021	UBS	UNIVERSITY OF CA TAX		91412GFS9	500,000.00		0.00	500,000.00	500,000
180629A	6/29/2021	UBS	CD-WELLS FARGO	3511	949763RX6	245,000.00		0.00	245,000.00	245,000
180907	7/1/2021	UBS	FLORIDA STATE BOARD OF ADMIN		341271ABO	400,000.00		0.00	400,000.00	400,000
171211	7/1/2021	UBS	FLORIDA STATE BOARD OF ADMIN		341271AB0	235,000.00		0.00	235,000.00	235,000
180815A	8/16/2021	UBS	CD-DISCOVER BANK	5649	254673SV9	145,000.00		0.00	145,000.00	145,000
180926A	9/27/2021	UBS	CD-TOWNEBANK PORTSMOUTH VA		89214PCA5	200,000.00		0.00	200,000.00	200,000
160705	11/1/2021	UBS	MICHIGAN STATE TAX		594612CX9	300,000.00		0.00	300,000.00	300,000
160718	12/1/2021	UBS	LITTLE MIAMI OHIO SCHOOL		537292KY9	345,000.00		0.00	345,000.00	345,000
181214	12/14/2021	UBS	CD-BMW BANK		05580AQA5	95,000.00		0.00	95,000.00	95,000
181228G	12/28/2021	UBS	CD-ALLY BANK		02007GGT4	100,000.00		0.00	100,000.00	100,000
190705	1/3/2022	UBS	CD-BANCO POPULAR	34967	05970EAM6	245,000.00		245,000.00	0.00	245,000
160601	2/15/2022	UBS	MCALLEN TAX'		582018Ff5	200,000.00		0.00	200,000.00	200,000
151104	3/1/2022	UBS	NEW YORK TAXALBE		64966KQC0	500,000.00		0.00	500,000.00	500,000
190322	3/22/2022	UBS	CD-MEDALLION BANK	57449	58404DDP3	245,000.00		0.00	245,000.00	245,000
190327	3/28/2022	UBS	CD-VALLEY NATIONAL E	9396	919853DK4	245,000.00		245,000.00	0.00	245,000
160727	5/1/2022	UBS	NORTH BRANCH SCHOOL TAX		657740F50	500,000.00		0.00	500,000.00	500,000
190710	5/15/2022	UBS	CONVENTION CENTER AUTHORITY		32115AAG7	175,000.00		0.00	175,000.00	175,000
001127	7/25/2022	UBS	FNR G92-35		31358PHV2C	232.79		40.95	191.84	75,215
190726D	7/26/2022	UBS	CD-OLD NATIONAL BANI	3832	680061HN1	245,000.00		0.00	245,000.00	245,000
160830C	8/1/2022	UBS	NEW YORK CITY TAXABLE		64966MED7	300,000.00		0.00	300,000.00	300,000
190823	8/23/2022	UBS	CD-CALPRIVATE BANK	58291	13135NAH3	245,000.00		0.00	245,000.00	245,000
021004	8/25/2022	UBS	FNR 1992-125L		31358PS40C	314.43		32.92	281.51	52,000
190913	9/13/2022	UBS	CD-PEOPLES SAVINGS B/	34973	712233AD7	245,000.00		0.00	245,000.00	2
180108	10/1/2022	UBS	PALM BEACH COUNTY SOLID WASTE		696560LD1	450,000.00		0.00	450,000.00	450,000
020826	10/15/2022	UBS	FHR 1391D		312912LUO	240.93		41.23	199.70	59,990
191213	12/13/2022	UBS	CD-WELLS FARGO NEV	27389	949495AA3	245,000.00		0.00	245,000.00	245,000

2020 CASH AND INVESTMENT ACTIVITY

CITY INVEST #	STATED MAT DATE	BROKER	SECURITY DESCRIP	FDIC #	CUSIP	PRIN BAL 1/1/2020	PURCH 2020	SOLD/ MATURE 2020	BV PRIN BAL 12/31/2020	PAR
161216B	12/16/2022	UBS	CD-MERCANTIL COMM E	22953	58733ADQ9	245,000.00		0.00	245,000.00	245,000
191219C	12/19/2022	UBS	CD-MORGAN STANLY	32992	61690UQG8	245,000.00		245,000.00	0.00	245,000
161208A	4/1/2023	UBS	NEW HOPE CULTURAL ED TAX		64542WAY6	250,000.00		0.00	250,000.00	250,000
150812	6/1/2023	UBS	CHARLOTTE TAXABLE		161037L61	300,000.00		0.00	300,000.00	300,000
191122B	6/15/2023	UBS	CD-TOYOTA FINANCIAL	57542	89235MHH7	245,000.00		0.00	245,000.00	245,000
010328	6/25/2023	UBS	FHG14A		312916PD5R	2,000.00		0.00	2,000.00	152,000
180628	6/28/2023	UBS	CD-COMENITY BANK	27499	981996UP3	200,000.00		0.00	200,000.00	200,000
191230B	6/30/2023	UBS	CD-RAYMOND JAMES	33893	75472RAR2	245,000.00		0.00	245,000.00	245,000
160830D	8/24/2023	UBS	FNMA		3136G32Y0	250,000.00		250,000.00	0.00	250,000
160830B	8/28/2023	UBS	FHLMC		3134GAAKO	300,000.00		0.00	300,000.00	300,000
190930	9/30/2024	UBS	CD-JP MORGAN CHASE BANK		48128ICA5	245,000.00		0.00	245,000.00	245,000
190118C	1/18/2024	UBS	CD-CAPITAL ONE	4297	14042RLP4	245,000.00		0.00	245,000.00	245,000
190118C	1/18/2024	UBS	CD-CAPITAL ONE USA	33954	14042TAP2	245,000.00		0.00	245,000.00	245,000
190315	3/15/2024	UBS	CD-COMENITY CAPITAL	57570	20033AS31	245,000.00		0.00	245,000.00	245,000
190325	3/25/2024	UBS	CD-BANK HAPOALIM	33686	06251AW48	245,000.00		0.00	245,000.00	245,000
161018	7/1/2024	UBS	SELMA ALA TAX		816459QV6	500,000.00		0.00	500,000.00	500,000
160726	7/26/2024	UBS	FHLMC		3134G9N78	500,000.00		0.00	500,000.00	500,000
180814	8/16/2024	UBS	FHLB-STEP		3130A8UZ4	430,000.00		0.00	430,000.00	430,000
190828C	8/28/2024	UBS	CD-FIRST OKLAHOMA B/	12484	335857BN7	245,000.00		0.00	245,000.00	245,000
151009	9/1/2024	UBS	NJ ENVIRONMENTAL INFRASTRUCTUR		645791CAO	270,000.00		0.00	270,000.00	270,000
190916	9/16/2024	UBS	CD-JONESBORO ST BANK	9325	4804OPFB6	245,000.00		0.00	245,000.00	2
190918	9/18/2024	UBS	CD-FIRST NATIONAL BAI	4779	334342CF7	245,000.00		0.00	245,000.00	2
161026	10/1/2024	UBS	HONOLULU TAX		4386705W7	300,000.00		0.00	300,000.00	300,000
151023	10/1/2024	UBS	MADISON TAXABLE		55844RKN3	640,000.00		0.00	640,000.00	640,000
161208B	11/1/2024	UBS	MICHIGAN FIN AUTH REV		59447TJX2	250,000.00		0.00	250,000.00	250,000
191127	11/27/2024	UBS	CD-STATE BANK INDIA II	33682	856285RS2	245,000.00		0.00	245,000.00	245,000
191107B	12/1/2024	UBS	CORPUS CHRISTI TEX TRANS		220228BK5	400,000.00		0.00	400,000.00	400,000
190418	12/5/2024	UBS	CD-DELTA NATIONAL BA	26633	2477RBD6	200,000.00		0.00	200,000.00	200,000
191220A	12/20/2024	UBS	CD-TEXAS SECURITY	58739	88269AAU2	245,000.00		0.00	245,000.00	245,000
191230A	12/30/2024	UBS	CD-BRADFORD NATIONA	3799	10427OAL7	245,000.00		0.00	245,000.00	245,000
150311	3/11/2025	UBS	CD-HBSC BANK	57890	40434ASB6	240,000.00		240,000.00	0.00	240,000
160928	3/28/2025	UBS	FHLB		3130A9CN9	300,000.00		300,000.00	0.00	300,000.00
180629C	6/1/2025	UBS	MARYLAND STATE TAX		57420PGR1	300,000.00		0.00	300,000.00	300,000
190621	6/20/2025	UBS	CD-CELTIC BANK	57056	15118RRB5	245,000.00		245,000.00	0.00	245,000
161114A	7/1/2025	UBS	LEXINGTON FAYETTE AIRPORT		52909MCA0	300,000.00		0.00	300,000.00	300,000
190729B	7/29/2025	UBS	CD-FIRST NATIONAL BAI	17438	32115AAG7	245,000.00		0.00	245,000.00	245,000
191101	8/1/2025	UBS	MASSACHUSETTS ST WATER		576051VFO	400,000.00		0.00	400,000.00	400,000
190830A	8/29/2025	UBS	CD-MERRICK BANK	34519	59013KCA2	245,000.00		0.00	245,000.00	245,000
191122A	12/1/2025	UBS	WARRENSVILLE HEIGHTS OHIO		936121JM5	500,000.00		0.00	500,000.00	500,000
191105	3/1/2026	UBS	MARYLAND STATE COMM DEV		57419TDZ1	320,000.00		0.00	320,000.00	320,000
191115A	7/1/2026	UBS	LEXINGTON FAYETEE URBAN COUNTY		52909MDR2	470,000.00		0.00	470,000.00	470,000
160830A	8/28/2026	UBS	FHLB		3130A8ZF3	300,000.00		0.00	300,000.00	300,000
190830B	8/31/2026	UBS	CD-FIRST UNITED BANK	4239	33742CAP2	245,000.00		245,000.00	0.00	245,000
191219B	11/1/2026	UBS	OPELIKA ALABAMA TAX		683489ZE1	400,000.00		0.00	400,000.00	400,000
191016A	12/1/2026	UBS	DENVER CITY & COUNTY HSG		24917NAG6	500,000.00		0.00	500,000.00	500,000
190401	5/25/2027	UBS	FHLB STEP		3130A86VO	300,000.00		300,000.00	0.00	300,000
191219A	6/1/2027	UBS	UNIVERSITY OF NORTHERN COLORAD		914733DY3	360,000.00		0.00	360,000.00	360,000
191022	10/1/2027	UBS	NEW YORK NY TAX		64966QEK2	500,000.00		0.00	500,000.00	500,000
160802	12/1/2027	UBS	TOOLE CITY UT TAX		89033RBU7	400,000.00		0.00	400,000.00	400,000
190725A	12/1/2027	UBS	WRIGHT COUNTY TAXABLE		982276BK2	630,000.00		0.00	630,000.00	630,000
191108	8/1/2028	UBS	CORONA-NORCO CAL		219764SC2	405,000.00		0.00	405,000.00	405,000
180713C	8/24/2028	UBS	FHLB		3130A8Y56	500,000.00		500,000.00	0.00	500,000
191212	10/1/2028	UBS	UNIVERSITY OF ALABAMA TAX		914745GG2	400,000.00		0.00	400,000.00	400,000
191024	2/1/2029	UBS	PULASKI COUNTY		745401EGO3	400,000.00		0.00	400,000.00	400,000
180914	5/28/1931	UBS	FHLB STEP		3130A83X9	300,000.00		300,000.00	0.00	300,000
190630	6-30///	UBS	MM			3,000,000.00		0.00	3,000,000.00	3,000,000
191231B		UBS	PRIME MM		01748DBM7	6,383.46		0.00	6,383.46	6,383
191031		UBS	PRIME MM			1,500,000.00		0.00	1,500,000.00	1,500,000
									35,315,056.51	
	TOTAL INVESTMENTS					73,537,171.61	10,505,000.00	13,747,115.10	70,295,056.51	
			Unamortized Premiums			1,492,823.94	5,811.15		1,498,635.09	
			Unamortized Discounts			(3,461,129.52)	(119,880.75)		(3,581,010.27)	
			BOW			6,069,365.65	12,530,524.44	13,539,641.39	5,060,248.70	
			Money Market Accounts			6,505,807.31	4,864,572.52	2,000,000.00	9,370,379.83	
			Net Cash and Investments			84,144,038.99	27,786,027.36	29,286,756.49	82,643,309.86	

CC Regular Session **5. 3.**

Meeting Date: 04/14/2020

By: JoAnn Shaw, Community Development

Information

Title

Note the Following Boards, Commissions, and Committee Meeting Minutes:

- Planning Commission Meeting Minutes Dated February 6, 2020
- Environmental Policy Board Meeting Minutes Dated February 10, 2020
- Economic Development Authority Meeting Minutes Dated February 13, 2020
- Park and Recreation Commission Meeting Minutes Dated February 13, 2020
- Public Works Committee Meeting Minutes Dated February 18, 2020

Purpose/Background:

N/A

Recommendation:

N/A

Action:

N/A

Attachments

Planning 02 06 20 Minutes

EPB 02 10 20 Minutes

EDA 02 13 20 Minutes

Park 02 13 20 Minutes

PW 02 18 20 Minutes

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	04/08/2020 05:10 PM
Form Started By: JoAnn Shaw		Started On: 03/25/2020 02:17 PM
Final Approval Date: 04/08/2020		

PLANNING COMMISSION
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The Ramsey Planning Commission conducted a regular meeting on Thursday, February 6, 2020, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present:	Chairperson Randy Bauer Commissioner Bruce Anderson Commissioner Cheri Gengler Commissioner Torrey Johnson Commissioner Eric Peters Commissioner Gary VanScoy Commissioner Matt Woestehoff
Members Absent:	None
Also Present:	Senior Planner Chloe McGuire Brigl City Planner Chris Anderson City Council Liaison Debra Musgrove

1. CALL TO ORDER

Chairperson Bauer called the regular meeting to order at 7:00 p.m.

2. CITIZEN INPUT

None.

3. APPROVAL OF AGENDA

Motion by Commissioner VanScoy, seconded by Commissioner Johnson, to approve the agenda as presented.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners VanScoy, Johnson, Anderson, Gengler, Peters, and Woestehoff. Voting No: None. Absent: None.

4. CONSENT AGENDA

4.01: Approve the January 2, 2020 Planning Commission Meeting Minutes

Motion by Commissioner Anderson, seconded by Commissioner Johnson, to approve the consent agenda as presented.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Anderson, Johnson, Gengler, Peters, VanScoy, and Woestehoff. Voting No: None. Absent: None.

5. PUBLIC HEARINGS/COMMISSION BUSINESS

5.01: Public Hearing: Review Resolution #20-028 Revised Preliminary Plat for Riverstone (Project #17-106, #19-149); Case of Capstone Homes, Inc.

Public Hearing

Chairperson Bauer called the public hearing to order at 7:03 p.m.

Presentation

Senior Planner McGuire Brigl presented the staff report stating that staff recommends adoption of Resolution #20-028 approving the Preliminary Plat with minor contingencies.

Chairperson Bauer disclosed that he lives within the Capstone development.

Citizen Input

Heather Lorch, Capstone, stated that she is available to address any questions.

Commissioner Johnson referenced the mention of a road that could possibly connect this development to the adjacent Northfork parcel

Ms. Lorch replied that the City brought forward that request to consider the previous month.

Senior Planner McGuire Brigl commented that a few members of the City Council mentioned that it may be beneficial to have a road connecting the two properties but both developers were opposed to that suggestion. She noted that this point in the Capstone project the addition of a road would be a significant change.

Chairperson Bauer noted that the Planning Commission suggested a path that would allow pedestrian connection between the two developments and asked if that is an option.

Ms. Lorch confirmed that Capstone is willing to provide a sidewalk connection within the neighborhood that would connect at the utility extension location. She confirmed that there would be a trail along Alpine as well, as required in the conditions of Preliminary Plat.

Motion by Commissioner VanScoy, seconded by Commissioner Anderson, to close the public hearing.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners VanScoy, Anderson, Gengler, Johnson, Peters, and Woestehoff. Voting No: None. Absent: None.

Chairperson Bauer closed the public hearing closed at 7:09 p.m.

Commission Business

Motion by Commissioner Johnson, seconded by Commissioner Peters, to recommend that City Council adopt Resolution #20-028 Approving Amended Preliminary Plat of Riverstone Addition.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Johnson, Peters, Anderson, Gengler, VanScoy, and Woestehoff. Voting No: None. Absent: None.

5.02: Public Hearing: Review Preliminary Plat for Garden View Villas (DC Townhomes); Project #19-136

Public Hearing

Chairperson Bauer called the public hearing to order at 7:10 p.m.

Presentation

Senior Planner McGuire Brigl presented the staff report stating staff recommends adoption of Resolution #20-002 approving Preliminary Plat for Garden View Villas with the following contingencies: updated Landscaping Plan, approval by City Attorney and City Engineer, and staff approval of Architectural Plans.

Commissioner Anderson asked if the front of the home would face to the north towards the R-1 PUD area.

Senior Planner McGuire Brigl replied that the homes will be built as standard homes with the front of the home facing the driveway.

Councilmember Musgrove asked if the homes are built offsite in Minnesota.

Senior Planner McGuire Brigl commented that she believed the applicant has chosen a builder in Wisconsin but noted that there are similar builders in Minnesota.

Commissioner VanScoy asked if additional landscaping is being requested because of the smaller buffer zone.

Senior Planner McGuire Brigl stated that the City Code requires base landscaping and in addition this would require density transitioning. She noted that additional landscaping is often chosen to provide the density transitioning.

City Planner Anderson explained that when the sketch plan came forward there was a question to the Commission on whether there could be a reduced width to the buffer area, but the question was not asked as to whether the Commission would then support a lesser requirement for landscaping to match that reduced width. He stated that as proposed the applicant is tasked with providing the landscaping required for the wider buffer and noted that staff would like direction on that item.

Citizen Input

Erin Carlson, applicant, stated that the goal is to provide single-family homes at an attainable price point. She stated that they have resolved all the engineering comments and is confident that they will be able to address the comments remaining. She provided details on the volumetric construction process. She believed that this would be a great addition to the community.

Commissioner Anderson referenced the size of the front porch, which appears to be 6 x 8, and asked if that could be bigger.

Ms. Carlson replied that she believed the front porch size to be 15 x 6.

Commissioner Anderson stated that he has a concern with the transition in the back of the homes that faces R-1 and asked if there are enough trees in that area.

City Planner Anderson stated that as proposed the applicant is deficient in the number of landscaping items. He stated that an updated landscaping plan has been submitted but has not yet been reviewed.

Sarah Wolf, Landform, stated that the landscape plan on the screen is the second revision, which provides additional plantings. She stated that they also did a mockup using the 45-foot standards but noted that most of the trees would be unhealthy because of the spacing. She believed that the landscaping proposed would be sufficient to the live/work community.

City Planner Anderson stated that he was unaware that the plan on the screen was the revised version but was unsure yet if that meets the Code requirements.

Commissioner Anderson asked if the homes would be inspected by the Ramsey Building Inspector.

Ms. Carlson stated that the homes are inspected at the plant by a third-party inspector. She stated that before the first home is set in Ramsey, they would plan to meet with the Ramsey Building Inspector and would invite him to the building location as well.

Chairperson Bauer asked if the Wisconsin builder is comparable to Dynamic Homes in Detroit Lakes. He noted that he is very familiar with Dynamic Homes and commented that they are top quality.

Ms. Carlson confirmed that they are very comparable and noted that they chose the Wisconsin builder because they have a relationship with that company.

Noah Barka, 7520 149th Avenue NW, stated that he and his wife look forward to the development of this area. He stated that his primary concern is with the transition plan between the subject property and their property. He commented that even though there is a home business, that is not a traditional commercial use. He stated that a larger transition zone would ensure harmonious interaction between the properties. He stated that he also has concerns with how the transition will be defined as the area has sandy soils and would not support plantings without adjustments to the soil and irrigation. He asked how the buffer would be maintained after construction. He suggested hardscape such as a berm or fencing. He expressed concerns to the wetland and the impact this development may have on the wetland. He asked how the lights pollution would be mitigated. He did not believe it would be appropriate to approve the proposal tonight and asked that the additional elements be addressed prior to approval.

Commissioner Anderson asked how the resident feels about the comments made by the developer about additional trees.

Mr. Barka commented that currently there is a very minimal transition, noting that there would not be a barrier between the two properties. He stated that even if there are extensive landscaping plans condensed to the buffer, it would be difficult to ensure that the plantings and landscaping continues to be maintained.

City Planner Anderson reviewed the basic landscaping requirements of the City including the requirement for topsoil. He stated that the Development Agreement would stipulate that the plantings are there permanently and therefore would need to be replaced when needed. He stated that while irrigation systems are no longer required, there were plans that included an irrigation system. He stated that the stormwater management plan was approved by engineering and the Lower Rum River Water Management Organization and described the treatment that would be provided.

Commissioner VanScoy referenced the area designated as PUD, which the resident commented is generally used for residential. He stated that it appears the residential is far to the north with business activity to occur to the south and closer to this development parcel.

Mr. Barka confirmed that the homes are located on the northern parcel of the property with the bottom third intended for commercial use. He stated that when there was commercial activity, there was a conflict between the two uses. He stated that even though the property is zoned in that method, the ultimate goal is to create an orderly and harmonious development and therefore the issue with the transition is the same.

Senior Planner McGuire Brigl stated that the northern properties feel as common residential uses when you are onsite, even though commercial activity is allowed.

Commissioner Gengler asked what the dotted line north of the development identifies.

Darren Lazan, DC Holdings, replied that the dotted rectangle is a symbol identifies that area is available in another plan. He noted that area is the buffer area and is shown, enlarged, in another plan in their submission.

Commissioner Anderson asked for details on the crosshatched pattern to the north.

Mr. Lazan stated that they share in the concern for the plantings. He stated that it is a challenge to meet the ultimate plantings for a larger buffer within a smaller buffer area. He noted that landscaping is the largest budget item in the development. He stated that the number of the plantings required by Code, for this application, is in violation of another area of the Code which calls for sensible and responsible planting. He stated that any additional plantings would not result in greater canopy but would instead result in poor health for the trees and plantings. He stated that this revised plan adds boulevard trees, trees in the northwest corner, and adds the maximum responsible density to the northern property line. He stated that from the beginning they objected to provide the buffer, as the responsibility in the buffer falls to the more intense use. He stated that the adjacent property is zoned commercial and therefore that would be the more intensive use and when developed, that commercial property should provide additional buffering. He recognized the existing single-family homes to the north and noted that is why they are agreeing to provide the buffering proposed. He displayed the grading of the site which identifies the berm along the western and eastern property lines. He asked that the Commission consider the buffering as a whole.

City Planner Anderson stated that in a perfect world they would have 35 feet on center between trees, but the intention of the density transitioning is to create a buffer between uses and planting the trees in that manner would not provide adequate screening.

Commissioner VanScoy asked if a commercial use would need to provide additional screening.

Senior Planner McGuire Brigl clarified that would not be required because of the PUD.

Commissioner VanScoy stated that it appears that part of the issue is that there is more space behind the homes to the south compared to the north.

Mr. Lazan stated that there is a larger drainage easement along the south. He stated that the development could potentially be moved a few feet south to create a little more separation. He stated that because the homes to the north are 300 feet from the property line, they did not expect this concern. He was unsure that another ten feet would provide more balance.

Commissioner VanScoy stated that an additional ten feet would be more standard for transitioning.

Mr. Lazan confirmed that he could look to determine if that could be done. He commented that this is a very tight site layout.

Chairperson Bauer asked if the lots in question would still meet the front yard setback if moved ten feet.

Mr. Lazan stated that the homes to the south would need to be moved in order to create that ten feet.

Senior Planner McGuire Brigl asked if the Commission is comfortable moving this forward with direction to work with the applicant on the contingencies prior to the City Council review. She noted that staff could also speak with the residents that expressed concern in attempt to gain additional input.

Commissioner Woestehoff referenced the driveway width of 25 feet and asked if there is a reason for the extra five feet of width.

Mr. Lazan noted that the driveway may have just been dropped in matching the frontage of the home. He noted that they would not want to provide more driveway than needed, as that takes away from greenspace, and would review that to ensure it is correct.

Senior Planner McGuire Brigl commented that staff received a letter that has been added to the agenda and is available in the agenda and in the packet. She stated that it is a letter of opposition from an adjacent property owner and will become a part of the record.

Chad Lindgren, 5561 145th Circle, referenced the topic of inspections. He suggested that it could be challenging for a third-party to inspect rather than the Ramsey Building Inspector.

Commissioner VanScoy asked who would issue a certificate of occupancy.

Senior Planner McGuire Brigl stated that the City issues the certificate of occupancy. She noted that the City has experience with residents moving homes from another city and placed on foundations in Ramsey and therefore there is a process and path to figuring out those details.

Mr. Lazan stated that it is a very common practice and concern as to how inspections are handled in volumetric building. He commented that the inspector used for this product is certified in Minnesota. He noted that once the building is set on the foundation, the Ramsey inspectors would be inspecting components as well.

Katelyn Brock, 7528 149th Avenue NW, expressed concern with the buffer. She appreciated the consideration of extending another ten feet. She stated that perhaps a fence would create a better barrier. She stated that they use their property strictly as residential and therefore placing additional landscaping on her property would simply be the burden of her household.

Motion by Commissioner VanScoy, seconded by Commissioner Peters, to close the public hearing.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners VanScoy, Peters, Anderson, Gengler, Johnson, and Woestehoff. Voting No: None. Absent: None.

Chairperson Bauer closed the public hearing closed at 8:04 p.m.

Commission Business

Commissioner Anderson expressed concern with City staff not having time to review the revised landscaping plan. He stated that he also has concerns with the buffer.

Commissioner Woestehoff stated that he is comfortable with a 30-foot buffer, 20-foot driveways, and the landscaping plan shown tonight pending approval by City staff.

Commissioner Gengler stated that she also feels comfortable with the Preliminary Plat but has concerns with the buffering and concerns from the neighbors. She stated that she would feel comfortable moving forward with those items as contingencies. She confirmed that she would be comfortable with a 30-foot buffer.

Senior Planner McGuire Brigl asked if the whole 30-foot buffer would need to be planted or just the 20-foot area planted with an additional ten feet.

Commissioner VanScoy commented that he believes additional plantings could be added that would not impact the health of the proposed landscaping.

Councilmember Musgrove stated that she heard comments about a desire for a fence and asked if the Commission would like City staff to consider that element, or simply work with plantings.

Commissioner VanScoy stated that part of the work would be for the developer and residents to meet with City staff to find a solution that the parties can agree to.

Chairperson Bauer stated that he favors natural buffers rather than artificial structures.

Commissioner Woestehoff stated that the role of the Commission is to ensure that Code is followed. He stated that residents can apply for a fence permit if they desire a fence.

Motion by Commissioner VanScoy, seconded by Commissioner Anderson, to recommend that City Council adopt Resolution #20-002 Granting Preliminary Plat Approval of Garden View Villas, with the following contingencies: updated landscaping plan, approval by City Attorney and Engineer, staff approval of architectural plans, to rework the plan to provide a 30 foot buffer in the rear of the northern homes, the plan include 20 foot wide driveways, and recommend that the developer and residents discuss acceptable buffering to both parties and acceptable plantings for the 30 foot buffer.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners VanScoy, Anderson, Gengler, Johnson, Peters, and Woestehoff. Voting No: None. Absent: None.

5.03: Public Hearing: Consider Request for Conditional Use Permit for Oversized Ground Signs at 14590 Armstrong Blvd NW (Project No. 20-101); Case of RGH Ramsey LLC

Public Hearing

Chairperson Bauer called the public hearing to order at 8:10 p.m.

Presentation

City Planner Anderson presented the staff report stating that while a request for an oversized ground sign is not necessarily unusual, the square footage proposed with his request is larger than contemplated in previous discussions. As a result, staff is in need of some policy direction from the Planning Commission before any specific recommendation can be provided. While staff understands the Planning Commission desires to broaden the scope of administrative approvals for signs, the size is larger than what had been discussed in the past, and larger than staff is comfortable with approving administratively at this time. Staff is understanding of the desire for visibility from Highway 10 for businesses and does believe that signage could help attract businesses to the area. He noted that two letters of opposition from adjacent landowners were received and included in the case.

Chairperson Bauer asked the typical size of a billboard sign.

City Planner Anderson replied billboard signs are typically between 600 and 700 square feet. He confirmed that as proposed the original sign request exceeded that size.

Chairperson Bauer asked if the City has ever approved placing a private sign on City property.

City Planner Anderson stated that he is not aware of a private sign on City property but noted that there are City signs that promote local business through tenant spaces.

Chairperson Bauer asked the visibility concerns raised from businesses in The COR to attract additional drivers from Highway 10.

City Planner Anderson replied that is a common consider from businesses. He stated that typically there are blue MnDOT signs that alert drivers to upcoming businesses but noted that those signs are not an option in Ramsey. He confirmed that prospective businesses have expressed the need to have visibility from Highway 10.

Chairperson Bauer commented that the entire sign ordinance should be reviewed, as the ordinance is too restrictive in many ways.

Commissioner VanScoy referenced the existing community signs and asked if those are on City owned property.

City Planner Anderson confirmed that those signs are on City owned property.

Commissioner VanScoy stated that while he understands the need and desire, he is appalled at the magnitude of the sign proposed. He stated that this request has multiple conflicts with the ordinance. He stated that the City has an opportunity to address the issue of visibility but did not think it appropriate to do that with a private sign on City property. He stated that perhaps a third community sign would solve this problem.

Citizen Input

Rob Hardy, applicant, provided background information on himself, experience, and his local connection to Ramsey. He stated that when he looked at Ramsey, he could not figure out why the City was not attracting retailers. He stated that he attempted to purchase land on Highway 10 and was quickly educated on why that property would not work for development because of the Highway 10 improvement proposed to occur. He stated that retailers were interested in being on Highway 10, but there is not available land. He stated that he then spent time working on the parcel in The COR that he holds a Purchase Agreement on. He stated that the retailers that have declined interest have stated that it is because they would not have visibility on Highway 10. He advised of a sign that he recently saw along a highway advertising businesses, which caused him to pull off the highway to visit those businesses. He explained that the reason Ramsey does not have the retailers that other communities have is because it lacks exposure for those businesses on Highway 10. He explained that the sign he proposed would cost over $500,000 and explained how those costs would be recovered from the tenants. He noted that the original sign proposal included a City branding area and a digital reader board, which could be used by smaller businesses that perhaps could not afford a tenant space. He noted that after receiving the feedback from staff, he removed those sections. He stated that he also reduced the height to match the U.S. Bank sign. He explained why the proposed location was chosen. He stated that Ramsey has a unique challenge in that The COR properties in that the businesses will want visibility from Highway 10. He believed that the time has come for the City to consider putting a larger sign on the City property, suggesting a modern digital sign which could be used to advertise local businesses, local events, and other civic announcements. He stated that without visibility from Highway 10, Ramsey will not be able to attract retailers.

Senior Planner McGuire Brigl stated that the issue of private signage on City owned property will be a policy discussion for the Commission to consider.

Matt Kuker, PSD and Armstrong West Retail, stated that he is the adjoining property owner. He stated that if the City wants to do something with the property, it should consult the adjacent property owners to determine if they are interested in purchasing the lot. He stated that he has invested a significant amount of money into his site and to allow the applicant to put a sign closer to Highway 10 than his sign, and of this size, would be appalling. He stated that he is doing a fully electronic sign. He stated that he was asked to work with the applicant but does not have experience with the applicant and would prefer to own his sign and allow his space for his tenants. He stated that if the applicant wants property along Highway 10, he could have sold

him property where Diamond's was. He stated that the City has never offered an off-premise sign to his knowledge. He stated that he would have liked to increase the size of his sign but followed City ordinance. He stated that if the Commission grants this, he will sell portions of his land along Highway 10 to be used for signs. He stated that allowing this action would open Ramsey to becoming signville. He stated that he has spoken with the adjacent property owner about buying his land to continue retail use and this sign would fall directly in the center. He stated that PSD is a business of the community that has invested in the community and does not feel that approving this for future retailers would be the right move.

Mr. Hardy agreed that he does not have anything invested in the community as of yet but does have a Purchase Agreement with the City. He stated that he has the financial wherewithal to complete this project. He stated that if there is available land, he is unsure why there are not buildings going up on those properties. He stated that in his discussions with staff, the proposed Highway 10 improvements show tremendous impacts to the properties along Highway 10, with most of those properties no longer having access. He stated that if he goes away, the next developer will come in and want the same thing, exposure from Highway 10. He stated that this issue will need to be addressed.

Motion by Commissioner Woestehoff, seconded by Commissioner Johnson, to close the public hearing.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Woestehoff, Johnson, Anderson, Gengler, Peters, and VanScoy. Voting No: None. Absent: None.

Chairperson Bauer closed the public hearing closed at 8:56 p.m.

Commission Business

Chairperson Bauer stated that it seems the developer is willing to delay this to March to allow time to review additional options.

Commissioner Woestehoff stated that he would suggest determining the square footage of a billboard. He stated that he would much rather see another sign of 330 square feet at 75 feet. He stated that he likes the idea of having combined signs for multiple tenants.

Commissioner VanScoy stated that if this is going to be delayed to March, there could be the same discussion if nothing is done between now and then.

Commissioner Woestehoff stated that he would like to see the sign on land owned by the applicant and not City owned land.

Commissioner VanScoy recognized that the visibility issue is a huge policy issue that needs to be dealt with.

Chairperson Bauer agreed that the sign ordinance needs to be reviewed, as visibility will continue to be a huge issue for The COR.

City Planner Anderson provided additional details on the different types of signage allowed. He stated that the Council has talked about going away from The COR branding and focusing on the City of Ramsey.

Councilmember Musgrove provided additional input on recent Council discussions related to uniform City of Ramsey branding and signage.

Chairperson Bauer asked if this topic could be added to the joint meeting with the City Council the following week.

Senior Planner McGuire Brigl replied that she did not believe that agenda would have space for an additional topic. She asked for input from the Commission on whether it would support an off-premise sign.

Commissioner Johnson stated that he would not support an off-premise sign for the applicant specifically but would support a community sign for multiple tenants/projects.

Commissioner VanScoy stated that he would like the Commission/City to consider a community sign, looking at the long-term needs for The COR. He stated that perhaps a partnership could be done to support that action. He stated that he would like to see more signage for the businesses but also wants to see the City have control.

Commissioner Woestehoff stated that he would appreciate a community sign but believes that the Ramsey overpass would need to be completed prior to that sign being added because of future visibility issues.

Commissioner VanScoy stated that the Armstrong interchange has caused a significant negative impact on visibility for businesses even though it was a positive for transportation.

Commissioner Peters stated that he has an issue with the size of the sign. He stated that the population of Ramsey will support the businesses and not the traffic that pulls off the highway by chance.

Commissioner Woestehoff asked if a decision would need to be made in March, if tabled tonight.

Chairperson Bauer stated that if the issue is still not resolved in March, the Commission can recommend it not be approved. He stated that tabling does not require the request to come back in March.

City Planner Anderson replied that the City has a 60-day timeframe for review but can issue a 60-day extension if needed. He noted that anything beyond one extension would require consent of the applicant.

Commissioner Johnson asked what would change between now and the next review.

Commissioner Anderson suggested that there be a worksession before the next meeting to allow additional discussion.

Senior Planner McGuire Brigl stated that she can schedule a worksession for signage. She noted that the applicant has some urgency because of potential tenants.

Chairperson Bauer stated that it seems the consensus would be a community sign on City property or a comparable sign (to Armstrong Retail) on private property.

Motion by Commissioner Anderson, seconded by Commissioner VanScoy, to table the request and allow the applicant time to revise the proposal for consideration at a future meeting.

Further discussion

Commissioner Johnson requested that the worksession occur at least one week prior to the regular Planning Commission meeting. He thanked Mr. Hardy for his input tonight.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Anderson, VanScoy, Gengler, Johnson, Peters, and Woestehoff. Voting No: None. Absent: None.

Mr. Kuker stated that he also owns the land at Armstrong and Bunker, and if off-premise signs are allowed, he could potentially make that retail and post signage along Highway 10. He just wanted to ensure the Commission thinks about precedent that could be set.

6. COMMISSION BUSINESS

6.01: Consider Amended Sketch Plan for Odyssey Homes; Case of Odyssey Homes (Project No. 19-140)

Presentation

Senior Planner McGuire Brigl presented the Staff Report stating that staff recommends that the applicant proceed to the Preliminary Plat phase with revisions outlined in the staff review files. She stated that a letter of opposition was included in the case.

Commission Business

Commissioner Gengler asked the cul-de-sac standards.

Senior Planner McGuire Brigl commented that the standard would be 600 feet for cul-de-sac length.

Commissioner VanScoy stated that he does not recall a 900-foot cul-de-sac length for this type of density, although there are R-1 developments with longer cul-de-sacs.

Senior Planner McGuire Brigl provided input from the County comments related to Nowthen and emergency access.

Commissioner Anderson stated that he does not believe he would support a 900-foot cul-de-sac.

Councilmember Musgrove stated that recently there was a requirement for a certain size for a bus to turn around and asked that size.

City Planner Anderson explained that within the rural area a 65-foot radius is required and in the urban area a 60-foot radius is required.

Senior Planner McGuire Brigl stated that she spoke with Public Safety and the comment was that the cul-de-sac would need to be full-sized in order to accommodate larger vehicles (plows, garbage trucks, etc.).

Commissioner VanScoy commented that the right-in/right-out option seems like it would be a good compromise but would require a divider because people would attempt to turn in. He assumed that most of the traffic leaving would be heading towards Highway 47.

Senior Planner McGuire Brigl stated that the applicant is going to propose a right exit only, which has not yet been vetted by Anoka County.

Commissioner Woestehoff asked if the County concern would be the connection to 146th and that traffic would cut through.

Senior Planner McGuire Brigl believed that the issue was with the spacing.

Commissioner Woestehoff suggested removing the connection to 146th which would eliminate the cut through ability, making the access on Nowthen with the cul-de-sac at the other side of the development.

Commissioner Anderson asked if the development checks all the boxes for R-2 and this type of development.

Senior Planner McGuire Brigl confirmed that in general all the bulk standards are met with the sketch plan, though items like storm water management, landscaping, density transitioning, traffic, etc. will need to be addressed with the preliminary plat.

Jason Bebeau, 15363 Radium St NW, stated that as the developer his goal would be to have a right on only onto CR 5, with no entrance into the development from CR 5.

Craig Jochum, Hakanson Anderson, referenced a City comment of at least 25 feet, noting that 50 feet is included. He stated that they would ensure that emergency vehicles have access.

Commissioner VanScoy referenced the plan to have a right-out only and no entrance and asked for input from the engineer.

Mr. Jochum stated that the County stated that they would consider a right-in/right-out with a turn lane. He stated that they have not yet proposed the right-out only option to the County.

Alena Hunter, 14628 Helium St, thanked everyone for the opportunity to have the open house. She described the path traffic takes from Highway 47 onto and along CR 5. She stated that if the only entrance into the development is from 146th that will cause a bigger traffic problem on CR 5. She believed a right-in/right-out may be a good solution. She believed that the intersection of CR 5 and 146th is already a dangerous intersection and should be addressed before this development could be added. She stated that the existing trail stops before this development property and does not continue until Sunwood, although there is a full trail on the other side of CR 5. She stated that there are arborvitaes that are very dense and could solve the problem of screening. She stated that drainage is a huge issue as the property sits in a low spot. She stated that she was happy to hear that the homes would be priced around $250,000 to $300,000. She stated that she will look at the development the developer completed in Isanti. She commented that she wants to see a high-quality development and wants this to be reviewed from a holistic perspective. She asked the Commission to think this through as this development will be right off a major City roadway that already has traffic/safety issues.

Chad Lindgren, 5561 145th Circle, stated that traffic is a big issue for this area. He stated that many residents that attended the open house were concerned with tree density. He understands that the developer meets all the requirements for the development. He liked that the developer has stated that they will try to save the trees that can be saved. He agreed that arborvitaes would be a great addition as they grow quickly and provide great transition. He appreciated the time of the Commission and developer to listen to the residents earlier at the open house.

Patrick Hampton, 15551 Potassium St NW, stated that he is the owner of the northern parcel of land and thanked the Commission for providing him an opportunity to speak. He stated that the Commission seems to be honest and fair and attempts to look at the issue from all sides. He stated that he has been on both sides of the issue and provided background on an issue that occurred 15 years ago when a development was proposed across from his parcel which would cause him to lose land and be assessed. He stated that he spent three years and $20,000 fighting against the City. He stated that now he is on the other side and has welcomed the input from the residents. He stated that in this case the residents are not going to lose land or be assessed. He agreed that as many trees should be saved as possible, but also commented that it is his land and they are his trees. He stated that he wants to sell his land to help with his ongoing medical issues. He stated that the neighbors have enjoyed the benefits of his property being undeveloped for many years without paying any of the associated costs. He commented that its frustrating that this process is moving slowly and appreciated if this could continue to move forward. He thanked the Commission for listening to concerns and being fair in its consideration. He stated

that he has lived in his home for over 60 years and would hate to lose the home that he and his elderly mother live in because of the medical expenses and issues he has, when the sale of this property would resolve that issue. He recognized that there are issues with traffic because Ramsey is becoming a City rather than a little rural township.

Chairperson Bauer explained the intent of a sketch plan, which allows the Commission and residents to provide input to the developer before additional expense is incurred developing the Preliminary Plat elements.

Commissioner Anderson commented that the developer should proceed to Preliminary Plat but work with staff to address the questions raised tonight at the meeting and through the open house.

Commissioner Peters asked what is keeping CR 5 from having the speed limit lowered, noting that there are now two elementary schools along that roadway.

Commissioner Woestehoff stated that he had the same concern with Alpine and learned that a speed study could result in a higher speed limit posted, as the County will adjust to what drivers are driving.

Senior Planner McGuire Brigl stated that she would speak with Public Works, as the City could send in a request to have the speed limit reviewed.

Commissioner Gengler stated that this is a viable option for this site, and she likes the density, but the CR 5 piece is the problematic piece for her.

Commissioner VanScoy stated that he is comfortable as long as there could be some type of access on the southern end, noting that he would prefer the right-in/right-out. He acknowledged that would be a decision of the County. He stated that the traffic on CR 5 is what it is and adding a few more vehicles will not significantly change the conditions.

Ms. Hunter stated that there was discussion at the open house related to a left-hand turn lane northbound on CR 5 at 146th and asked if the City could ask the County about that option. She noted that this may be an opportunity for the developer to fund that improvement.

Mr. Hampton thanked the Commission for providing him the opportunity to vent and for agreeing to allow the project to move forward. He stated that he has been trying to sell the land since May and the developer began this process with the City in September, so it can just be frustrating with the length of time needed for these types of projects to move ahead.

Mr. Bebeau stated that he agrees that the left turn lane would be beneficial but did not believe that is an expense that the developer should pay for, as that would require widening CR 5. He recognized that the turn lane would benefit the hundreds of other homes in that area, rather than the additional 26 homes. He noted that type of expense would most likely kill this project.

Chairperson Bauer stated that he would not think that expense would be of the developer.

Senior Planner McGuire Brigl commented that it is her understanding that if a development warrants a change to a major road, the developer is responsible to making the improvement. She explained that if the County required that improvement, the developer would be responsible.

Chairperson Bauer commented that the issue already exists without this development present.

Senior Planner McGuire Brigl explained that if the traffic levels are changing because of this development and the improvement is required to support the development, the developer would be responsible.

Mr. Bebeau stated that he does not believe that the County would require the left turn lane. He recognized that if the right-in/right-out is approved/selected, he would be responsible for constructing the right turn lane.

Commissioner VanScoy stated that the County traffic report has no discussion requiring left turn lanes and did not address the 146th intersection at all.

Chairperson Bauer stated that the property is zoned R-2 and this is on the low end of the density that would be allowed. He agreed that the County should have input as to what is considered safe and what could/should be done.

It was the consensus of the Commission that the applicant moves forward to the Preliminary Plat phase, addressing the concerns raised.

7. COMMISSION / STAFF INPUT

7.01: Receive Staff Update

The Staff Update was noted.

8. ADJOURNMENT

Motion by Commissioner Anderson, seconded by Commissioner Peters, to adjourn the meeting.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Anderson, Peters, Gengler, Johnson, VanScoy, and Woestehoff. Voting No: None. Absent: None.

The regular meeting of the Planning Commission adjourned at 10:07 p.m.

Respectfully submitted,

_____

Chloe McGuire Brigl
Senior Planner

ATTEST:

_____

JoAnn Shaw
Planning Division Secretary

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

ENVIRONMENTAL POLICY BOARD
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

On Monday, February 10, 2020, the Environmental Policy Board (EPB) met in the Lake Itasca Room at the Ramsey Municipal Center, 7550 Sunwood Drive N.W., Ramsey, Minnesota.

Members Present: Chairperson Michael Valentine
Board Member Reid Bernard
Board Member Jane Covart
Board Member Melissa Fetterley
Board Member Michael Hiatt
Board Member Laura Moore

Members Absent: None

Also Present: City Planner Chris Anderson

1. CALL TO ORDER

Chairperson Valentine called the meeting to order at 6:30 p.m.

2. CITIZEN INPUT

None.

3. APPROVE AGENDA

Motion by Board Member Covart and seconded by Board Member Fetterley to approve the agenda as submitted.

Motion carried. Voting Yes: Chairperson Valentine, Board Member Covart, Moore, Bernard, Fetterley, and Hiatt. Voting No: None.

4. APPROVE MINUTES

4.01: Approve Meeting Minutes Dated January 13, 2020

Motion by Board Member Hiatt and seconded by Board Member Bernard to approve the regular meeting minutes dated January 13, 2020.

Motion carried. Voting Yes: Chairperson Valentine, Board Member Hiatt, Bernard, Covart, Fetterley, and Moore. Voting No: None.

5. POLICY BOARD BUSINESS

5.01: Continued Discussion on Potential Amendment to Landscape Requirements in the

Employment Districts

City Planner Anderson presented the staff report. He stated that at the December 2019 EPB meeting there was continued discussion about potential amendments to the landscaping requirements for the Employment Districts (E-1, E-2, and E-3), which originated as a result of the Delta ModTech Landscape Plan. The EPB had reviewed what various peer communities had for landscaping requirements. Additionally, the EPB expressed a desire to explore what the results would be if the Canopy Cover Formula, which is applied to multi-family developments, were applied. Staff was directed to prepare exhibits to assist the EPB in understanding what the various Code requirements would look like. He reviewed the different models and examples of what is required in neighboring communities.

Chairperson Valentine asked if it would be useful for the Board to outline goals. He stated that the Board could reinforce some of the strategic thought processes of staff. He commented that the ornamental trees and shrubs provide instant greenery, rather than awaiting the larger tree species to mature. He explained that diversity ensures immediate assistance with aesthetics. He agreed that the long-term projections should also be taken into account when landscaping, such as future expansions of a business.

Board Member Hiatt stated that one goal is to create a healthy environment in the landscaping plan, to ensure the health and longevity of the trees and plants installed and in the overall environment. He commented that having diversity in the tree population helps prevent against damage that could occur from future tree diseases. He asked if there is a way to incorporate natural landscaping, which could help to reduce the amount of impervious in the calculation, similar to stormwater ponds.

City Planner Anderson referenced the Great River Energy site in Elk River that is being decommissioned. He noted the natural landscaping work that occurred on that property and stated that it would be interesting to watch that site and see what happens without the active management that was occurring.

Chairperson Valentine stated that although he likes the idea of natural landscaping, not every site would be ideal for that. He commented that there is also a lot of management that is required, which does not make it ideal for every site.

Board Member Covart referenced the formula for the tree cover and asked if the different varieties would include more greenery and would mature more quickly to provide a variety in tree species.

City Planner Anderson provided details on the characteristics of the different tree groups and stated that having some formula would ensure a variety of species and growth rates.

Board Member Hiatt asked if there is a cost factor between the different species.

City Planner Anderson stated that cost does vary depending on species and cost would be a factor in landscaping. He noted that there are also trends that cause certain trees to be selected more often.

Board Member Moore stated that she would suggest an emphasis on fitting some native landscaping into each plan, if possible. She recognized that there is active management needed on the front end, but that tends to taper off throughout the years to a lesser amount.

City Planner Anderson stated that he will call Elk River to gain input from its staff on how that element has worked in their community.

Board Member Moore stated that she would be curious as to whether businesses are maintaining native landscaping that already existed or starting fresh.

Chairperson Valentine stated that it would be rare to find true native landscaping that already exists and does not include invasive species.

City Planner Anderson agreed that there would be limited sites where a native landscape truly exists and therefore, he would want input from the Board on whether it would want preservation of native landscaping or even preservation of just existing landscape vegetation, or newly established native landscaping.

Chairperson Valentine stated that although he believes that option should be provided, he would not want to see too much focus on that because of the effort and active management that is required.

City Planner Anderson stated that perhaps native landscaping is allowed as an incentive rather than as a requirement and confirmed the consensus of the Board.

Board Member Hiatt stated that flexibility within the canopy cover formula would allow the City to work with a developer to find a solution that would be good for the land and the developer.

Board Member Fetterley commented that this seems to be moving in the right direction. She commented that if the diversified percentages are built in, that would help to prevent the situation where someone presents a landscaping plan with only the largest canopy cover species.

Motion by Board Member Hiatt and seconded by Board Member Fetterley to direct staff to proceed with drafting an Ordinance Amendment for landscaping requirements in the Employment Districts based on the discussion of the Board.

Motion carried. Voting Yes: Chairperson Valentine, Board Member Hiatt, Fetterley, Bernard, Covart, and Moore. Voting No: None.

6. BOARD / STAFF INPUT

- **Master Naturalist Course**

City Planner Anderson referenced an email that was sent out the previous week related to a Master Naturalist course. He noted that there will be an open house on Wednesday, February 12, and encouraged anyone interested to attend and learn more. He stated that there is a cost of $275 but noted that this is a unique opportunity as people drive from all over the metro to attend and the course is being held in Ramsey. He noted that scholarship opportunities are available to assist with the cost.

Board Member Moore stated that anyone that applies for the scholarship would likely be accepted, to her knowledge.

City Planner Anderson stated that this seems like a topic of interest for the members of the Board. He noted that more people are needed to ensure that the course could be offered.

The Board discussed opportunities of Arbor Day activities involving the new elementary school.

Board Member Hiatt volunteered to assist in making the connection to Brookside.

7. ADJOURNMENT

Motion by Board Member Covart and seconded by Board Member Moore to adjourn the meeting.

The meeting adjourned at 7:39 p.m.

Respectfully submitted,

_____
Chris Anderson
City Planner

ATTEST:

_____
JoAnn Shaw
Community Development Secretary

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

ECONOMIC DEVELOPMENT AUTHORITY
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The City of Ramsey Economic Development Authority (EDA) conducted a regular meeting on Thursday, February 13, 2020, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present: Chairperson Jim Steffen
Member Brian Burandt
Member Scott Cords
Member Mark Kuzma
Member Chris Riley

Members Absent: Member Glen Hardin

Also Present: Sean Sullivan, Economic Development Manager
Tim Gladhill, Deputy City Administrator
Public Works Superintendent Grant Riemer
Administrative Services Director Colleen Lasher

1. CALL TO ORDER

Chairperson Steffen called the Economic Development Authority meeting to order at 7:30 a.m.

2. APPROVE AGENDA

Motion by Member Burandt, seconded by Member Cords, to approve the agenda.

Motion carried. Voting Yes: Chairperson Steffen, Members Burandt, Cords, Kuzma, and Riley. Voting No: None. Absent: Member Hardin.

3. APPROVE MINUTES

3.01: Approve Meeting Minutes Dated January 9, 2020

Motion by Member Riley, seconded by Member Kuzma, to approve the January 9, 2020, minutes as presented.

Motion carried. Voting Yes: Chairperson Steffen, Members Riley, Kuzma, Burandt, and Cords. Voting No: None. Absent: Member Hardin.

4. EDA BUSINESS

4.01: Select 2020 Business of the Year

Economic Development Manager Sullivan presented the staff report.

Member Kuzma stated that he agrees with the staff recommendation, he would also suggest looking at Armstrong Kennels, which has been a long-time business in the community.

Chairperson Steffen suggested that perhaps at minimum, Armstrong Kennels move to the short list.

Member Burandt recalled the discussion the previous year and stated that he supports Panther Precision Machine for 2020 Business of the Year.

Chairperson Steffen agreed that Panther Precision was a very close second the previous year and should be selected for 2020.

Economic Development Manager Sullivan stated that additional businesses could be added to the large list as well. He noted that he will move Armstrong Kennels to the small list.

Chairperson Steffen noted that residents could also notify staff if they would like to nominate a business for 2021.

Motion by Member Burandt, seconded by Member Riley, to select Panther Precision as the 2020 Ramsey EDA Business of the Year.

Further discussion: Member Cords stated that he was not a member of the EDA the previous year and was unsure how any given businesses would have been picked and therefore he will abstain as he is unsure of the selection criteria. He stated that he has nothing against Panther Precision, nor does he instead support a different business, he simply does not feel that he would have enough information to make a decision. Economic Development Manager Sullivan explained the information that was included in the packet and welcomed additional questions. He recognized that this item did not have the discussion it typically would because of the discussion the previous year. Member Cords commented that he did read that information and then felt that he could support a vote.

Motion carried. Voting Yes: Chairperson Steffen, Members Burandt, Riley, Cords, and Kuzma. Voting No: None. Absent: Member Hardin.

4.02: Discuss Options for Northern Nine (9) Acres of Lot 1, Block 1, Bury and Carlson Addition (Future Public Works Campus Site and Economic Development Parcel)

Economic Development Manager Sullivan presented the staff report.

Member Riley commented that there have been two purchase agreements on this property in the past and asked if the removal of the portion recommended would have stopped either of those agreements from going forward.

Economic Development Manager Sullivan commented that area did provide greater flexibility in those proposed projects.

Deputy City Administrator Gladhill stated that this was the third purchase agreement that has been seen on this site. He stated that two of the agreements were multi-tenant spaces that could have adjusted to seven acres. He stated that seven acres would be provide a marketable site.

Public Works Superintendent Riemer commented that final design should be ready by September, with preliminary plans to be developed in April. He noted that the additional space would provide flexibility during the design process for the new public works facility but may not ultimately be needed.

Deputy City Administrator Gladhill explained that this flexibility will allow the architects to review the possible reuse of the existing buildings as an option.

Chairperson Steffen asked if it is possible that the current site would no longer be needed and would become available.

Public Works Superintendent Riemer commented that the plan, at minimum, would be to reuse those buildings as storage for police and public works.

Member Cords referenced the existing public works buildings and asked for input on the condition of those buildings.

Public Works Superintendent Riemer commented that those buildings would most likely require some investment. He explained that the buildings were brought onsite prior to the existing building code and therefore any change in use would require investment in the buildings to bring them up to date. He noted the reuse of the buildings would be in the final phase and could be done further in the future with more of a focus on the new public works facility at this time. He confirmed that the only investment in those buildings would be the cost to bring the buildings up to the current building code. He provided the timeline for the project, estimating that footings would be put in place this fall with the move in occurring in early 2022.

Motion by Member Kuzma, seconded by Member Burandt, to recommend to City Council to list the northern seven acres for economic development purposes as recommended by staff.

Further discussion: Member Cords asked if there are any building code or zoning limitations that are limiting the City's ability to sell the land, or whether it is simply a condition of the market. Economic Development Manager Sullivan commented that unfortunately the past buyer was simply unable to move forward. He stated that the site has obtained Minnesota Shovel Ready Certification.

Motion carried. Voting Yes: Chairperson Steffen, Members Kuzma, Burandt, Cords, and Riley. Voting No: None. Absent: Member Hardin.

4.03: Review Real Estate Management Strategy for City Owned Land Listed by CBRE

Economic Development Manager Sullivan presented the staff report.

Chairperson Steffen asked if the clause that was added during the last contract renewal was related to commission.

Economic Development Manager Sullivan reviewed the changes that were made to commission during the last contract renewal process reducing some sales to 3% commission for City based leads.

Member Kuzma commented that he is comfortable in the manner in which CBRE markets the City's property and supports this action.

Member Riley stated that there is an upcoming worksession for the City Council related to high-density housing and asked how it could impact CBRE if the City decides to hold off on additional high-density housing.

Economic Development Manager Sullivan replied that only a small portion of parcel 46 is really the only area left that could potentially have apartments as a use. Therefore, he did not believe that there would be an impact on CBRE.

Motion by Chairperson Steffen, seconded by Member Kuzma, to recommend to City Council to approve the draft amendment to Listing Agreement with CBRE dated February 1, 2020.

Further discussion: Member Cords asked if there is any reason that CBRE would not move forward with the amended agreement. Economic Development Manager Sullivan replied that he is confident that CBRE would move forward with the amended agreement.

Motion carried. Voting Yes: Chairperson Steffen, Members Kuzma, Burandt, Cords, and Riley. Voting No: None. Absent: Member Hardin.

5. MEMBER / STAFF UPDATE

Economic Development Manager Sullivan indicated that the Business Expo is scheduled for April 4th and provided an update on the planning process. He stated that he has been sending emails to the EDA to advise of upcoming business visits and asked if that is sufficient notification for those that may wish to attend. The EDA indicated the new process was working.

Administrative Services Director Lasher stated that there is one seat on the EDA that is expiring, and that member had decided to apply for reappointment. She provided an update on the vacant position on the EDA, noting that staff has been recruiting for that position and will extend the application period in attempt to gain additional applicants. She noted that interviews will occur on March 16th with the new member joining in April.

Economic Development Manager Sullivan provided an update on the Cobblestone and Gigi's Salon projects. He noted that the developers are currently working together to determine the best location for the lot line between the properties. He stated that once the lot line is selected, Cobblestone will move forward with the plat and the site plan process. He stated that if everything continues to move forward, Cobblestone would be on schedule to break ground in spring and Gigi's would aim to begin the project in October.

Deputy City Administrator Gladhill advised of a joint worksession that occurred between the City Council and Planning Commission earlier this week to discuss some larger residential development projects and provided a brief summary. He referenced the area north of Trott Brook which is also proposed to have residential development. He provided a brief update on other economic development activity within the community and Highway 10 improvement efforts.

Member Cords asked when and how additional residential properties would impact drawing precinct lines.

Deputy City Administrator Gladhill stated that the districts would be reviewed in 2022. He stated that it is very important that everyone participate in the census later this year, as that will help in the state and federal redistricting that will follow.

Member Riley provided an update on a recent meeting he and City staff attended in January with the U.S. Post Office in attempt for Ramsey to gain its own zip code. He noted that while the City went into the meeting with the understanding that the answer would be no at this time, it was understood that the City will continue to ask and will continue to report growth as that will support the request.

6. ADJOURNMENT

Motion by Chairperson Steffen, seconded by Member Kuzma, to adjourn the meeting.

Motion carried. Voting Yes: Chairperson Steffen, Members Kuzma, Burandt, Cords, and Riley. Voting No: None. Absent: Member Hardin.

The regular meeting of the Economic Development Authority adjourned at 8:08 a.m.

Respectfully submitted,

_____

Sean Sullivan
Economic Development Manager

ATTEST:

_____

Wendy Schlueter
Economic Development Administrative Assistant

Draft by Amanda Staple, *TimeSaver Off Site Secretarial, Inc.*

PARK AND RECREATION COMMISSION
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The Ramsey Park and Recreation Commission conducted a regular meeting on February 13, 2020, at Ramsey City Council Chambers, 7550 Sunwood Drive NW.

Commission Members Present: Chair Shane Bennett
Vice Chair Brandon Sis
Commissioner Trixy Barnes
Commissioner Nathan Barten
Commissioner Jennifer Leistico

Commission Members Absent: Commissioner Russell Bayer

Also Present: City Council Liaison Debra Musgrove
Parks & Assistant Public Works Superintendent Mark Riverblood
Recreation Specialist Abby Proulx

1. CALL TO ORDER

Chair Bennett called the Park and Recreation Commission meeting to order at 6:30 p.m.

2. CITIZEN INPUT

None.

3. APPROVE AGENDA

Motion by Commissioner Barnes, seconded by Commissioner Barten, to approve the Park and Recreation Commission meeting agenda as presented.

Motion carried. Voting Yes: Chair Bennett; Commissioners Barnes, Barten, Leistico, Sis. Voting No: None. Absent: Bayer.

4. APPROVE MINUTES

4.01: Approve Park and Recreation Commission Meeting Minutes

Motion by Commissioner Leistico, seconded by Commissioner Sis, to approve the January 9, 2020, Park and Rec Commission meeting minutes as presented.

Motion carried. Voting Yes: Chair Bennett; Commissioners Leistico, Sis, Barnes, Barten. Voting No: None. Absent: Bayer.

5. COMMISSION BUSINESS

5.01: Affirm 2019 Photo Contest Winners

Recreation Specialist Abby Proulx presented a brief overview of each of the photo submissions for the four categories. Chase Ulrick's photo "Golden Sunset" was the grand prize winner.

Parks & Assistant Public Works Superintendent Riverblood noted that the photo "Golden Sunset" rose to the top in part because due to its beautiful highlighting of the agricultural background and the concept emerging from resident's involvement in the Comprehensive Plan of balancing Ramsey's rural character and growth.

Motion by Commissioner Sis, seconded by Commissioner Barnes, to affirm the 2019 Photo Contest Winners.

Motion carried. Voting Yes: Chair Bennett; Commissioners Sis, Barnes, Bayer, Leistico. Voting No: None. Absent: Bayer.

5.04: Approve Goals and Strategies Section of Chapter 3 of the PSP – Recreation Programming & Partnerships

Recreation Specialist Abby Proulx stated she has continued to work on the Recreation Programming part of the plan. She presented 5 strategic action plan elements including: promote economic growth and development; seek public and private partnerships; improve and maintain the safety of the community; strengthen Ramsey's identity and brand; enhance community engagement. The next section highlights 5 aspects from the 2040 Comprehensive Plan Elements: a balance or rural and urban character; an active community; a connected community; a smart, citizen-focused government; a financially stable system. She then presented 8 recreation goals and strategies including: offer a diversity of recreational opportunities; create and maintain synergistic partnerships; ensure pertinent programming opportunities for all ages; ensure equitable access to recreation programs; encourage and active and healthy community; create a positive economic impact; incorporate a diversity of art and culture into recreation; and utilize existing infrastructure.

Commissioner Leistico thanked staff and stated this has been one of the clearest sections of the PSP. She appreciated the emphasis on community connectivity.

City Council Liaison Musgrove indicated that City Council Liaison Nadine Heinrich previously provided some feedback on the plan, and she had shared it with Parks & Assistant Public Works Superintendent Riverblood.

City Council Liaison Musgrove indicated that because the comments are quite significant, she would rather let them speak for themselves and let each Commissioner receive a copy of it.

Parks & Assistant Public Works Superintendent Riverblood indicated he did share that list of feedback with Recreation Specialist Proulx and staff reviewed it together. Some of the comments from City Council Liaison Henrich were grammatical in nature. Those were taken into account and the attachment to this case reflects most of those changes were made.

City Council Liaison Musgrove asked about the timeline of preparation of this chapter.

Recreation Specialist Proulx stated staff has been presenting the chapter in sections. Back in November, it was an overall outline. At last the last Commission meeting, the first 3 chapters were introduced, and tonight this section is being introduced. The following meeting, ideally, will introduce the final 2 chapters. Then more detailed discussion will follow.

Parks & Assistant Public Works Superintendent Riverblood added that the goal is to finish this chapter, and noted that tere is a lot of detail and scope in here. With respect to the goals and strategies, those are reflective of the Council's work on the strategic plan and the Comp Plan. He noted the focus has been on the Recreation chapter because Council has been interested in some of the programming aspects. The timeline is getting that done as soon as possible.

City Council Liaison Musgrove commented this is an overview with big picture. She thinks goals should be measurable and objective. She thinks these goals are wordy and difficult to measure.

Parks & Assistant Public Works Superintendent Riverblood responded, that the Park System Plan includes the broad aspects and theory of the park system and recreation planning. At the Council level, if there is a desire to have measurables, that would be appropriate for the Council to direct staff in that way. He cited one example notated in the plan called the Day at the Farm, which was a day wherein the City partnered with Pearson family to have a day of activities. That was a successful event. The City had very little input in the event, and the business reaped many benefits.

Commissioner Sis commented on the goals, specifically that he would support letting staff keep it more subjective, just in terms of an overall plan and an overall direction. When it comes to creating an action plan year over year, that is where the actual information could be included. There are not enough data points yet to project things out.

Parks & Assistant Public Works Superintendent Riverblood thanked the Commission for the feedback.

5.02: Identify Work Plan for the Proposed 2020 Parks' Capital Improvements

Parks & Assistant Public Works Superintendent Riverblood reviewed the Capital Improvement Plan. It is a big picture view of things staff sees coming as well as requests from residents regarding parks and facilities. A significant, ongoing part of this is working with the athletic associations. All things parks and trails are included in the CIP. The City maintains a 10-year plan that attempts to forecast water lines, roads, buildings, facilities, parks and trails and more. Before the Commission tonight are only those projects intended to land in 2020.

He presented Elmcrest Park & The Draw Entrances and Signs as part of the CIP. Staff is ready to move forward on this, as signing guidelines and design standards have been established. He then briefly discussed Observation Boardwalk - Lake Itasca; the Observation Deck East on the Mississippi E of Dolomite; Trail Connections; Park Development in The COR; Bark Park Shelter – Alpine Park; Northfork North Trail Connection; Amphitheater Lighting; Aeration for Sunfish Lake and The Draw; Lake Itasca – Parking, Trail, and Canoe System.

Parks & Assistant Public Works Superintendent Riverblood then provided a little more background about the possible creation/expansion of Bark Park Shelter at Alpine Park, including artificial turf and a shelter which would allow patrons to wipe the paws of animals under the shelter.

Sue Brockman, 15631 Ramsey Blvd NW, stated she has started using the dog park regularly for about the last six months. In that time, she has observed that it is a highly used off-leash park. The proposed expansion would provide a second entrance to the park and also spread out the 30-40 dogs where it is very congested. Fencing would also be very helpful. A lot of users like to walk the perimeter of the park.

Chair Bennett asked if Ms. Brockman had any other ideas not already addressed in the presentation tonight.

Ms. Brockman indicated one other issue not addressed is lighting.

Parks & Assistant Public Works Superintendent Riverblood indicated he has not had a chance to price out fencing, but it would likely be several thousand dollars. He also discussed lighting options and indicated staff can bring back more of a cogent plan for the Commission to explore.

Chair Bennett asked whether other people have inquired about a dog park in a different area in the City.

Ms. Brockman indicated she has not heard that. The park, however, is used by other people who are not residents of Ramsey, and this is a nice location.

Chair Bennett asked whether Ms. Brockman has heard requests for a section cordoned off within the dog park, to preventing mixing of the large breeds with the small breeds.

Ms. Brockman stated one person has asked her about large dog vs. small dog. She has not heard a lot of feedback in that area. So far it is a nice blend of large and small bleeds.

Chair Bennett stated there is always a number of dogs at this park, and there are people who walk outside the park. The City has certainly heard this desire for expansion.

City Council Liaison Musgrove asked about zoning concerns.

Parks & Assistant Public Works Superintendent Riverblood responded he does not know that there is any applicable zoning. However, finding an off-leash siting can be difficult. When they

are proposed close to residential properties, people tend have concerns. The staff did a complex matrix when the City went to find a location for the dog park. Expansion rather than developing a new one might be worth the money. Residents tend to have concerns about loose dogs and noise and traffic from people outside the area. They are also concerned with dog waste with respect to groundwater impacts. Alpine Park has worked well, with no significant runoff to streams. The siting of that worked out well.

City Council Liaison Musgrove stated she likes Alpine; it is one of the best active parks in the City. She also asked about a separate entrance.

Parks & Assistant Public Works Superintendent Riverblood responded the existing dog park is a pyramid shape. What is being proposed is using the back side of the westerly ballfields and the landfill's northern fence. There will be an entrance near the soccer field. On the existing outfield fences, those two gates would remain and one more would be added under Ms. Brockman's proposal.

City Council Liaison Musgrove stated she would have concerns with an entrance on that side that is not doubled.

Parks & Assistant Public Works Superintendent Riverblood responded that is certainly a possibility.

City Council Liaison Musgrove stated a double exit is important with that second entrance. She does like the idea of having it extended, as it goes with the park.

Chair Bennett expressed agreement. If there is a second entrance, there should be a "dog trap," to provide a safety buffer. The existing fences will help leverage this project, though there will still be significant fencing and gate costs.

Ms. Brockman stated a double gate would be great.

Parks & Assistant Public Works Superintendent Riverblood stated these projects will come back for Commission input and project development.

5.03: Advance the Ford Brook Playground Renovation Project

Parks & Assistant Public Works Superintendent Riverblood stated the Commission has looked at this project a few times already. A Listening Session with the neighbors was held in May 2019. The plan calls for the existing playground equipment to be removed and turf to be installed in that area. The playground would be moved closer to the center/south park of the park, and the playground would also become ADA-compliant. Also proposed is a sheltered picnic area. The table and bench would be made out of recycled plastics. The playground would be relocated from a nearby regional park that is in fantastic condition. There would be separate play structures for up to age 6 and then ages 6 to 12. Also included is a 4-bay swing and a large articulated balance beam. The draft budget is approximately $71,000.

Commissioner Barnes stated she has some personal comments as well as residents' comments shared with her. She indicated that this has been defined as a pocket park, which is a small park surrounded by homes. Ford Brook park is not a pocket park; it is a neighborhood park. It should serve as a focal point of the community. Forty years ago, Ford Brook received used equipment from the City of Minneapolis. Now, this park will be updated with used equipment from an Anoka park. A look should be taken as to whether Ramsey should continually provide its citizens with second-hand equipment in its parks. As one citizen commented to her: if that is true, watch property values plummet. Going forward, the City should focus not on The COR, but rather on the Rest of Ramsey (ROR) where the citizens of Ramsey have chosen to build homes and raise families. Signage change is nice, but it should only be the beginning.

Chair Bennett thanked Commissioner Barnes for input. He also asked to clarify whether the estimated cost of the used equipment and installation is $21,000.

Parks & Assistant Public Works Superintendent Riverblood confirmed that figure, noting that the equipment is $5,000, and the balance is installation and all new fasteners as required.

Chair Bennett asked about projected cost if all new equipment, with the upgrades the neighborhood would like, were purchased.

Parks & Assistant Public Works Superintendent Riverblood responded there are comps included in the packet. The play equipment itself (not the rest of the park) would be $100,000-$130,000 plus installation of over 15 to 25% of that cost. Thus, it would be approximately $150,000 for comparable play equipment.

Chair Bennett appreciated Commissioner Barnes' input. He wishes new equipment could be placed everywhere in the city. Financially that is a challenge. This is a unique opportunity. The alternative here is the removal for the safety concerns and the potential risk of not having a park there at all. This is a creative solution for the City to provide the neighborhood the amenities they wanted in a unique way. The original placeholder in the CIP was around $60,000.

Parks & Assistant Public Works Superintendent Riverblood concurred the CIP showed $50,000 plus $20,000 from the city of Nowthen. He also noted that Ford Brook is a neighborhood park, not a pocket park.

Commissioner Barnes clarified she is not saying the used equipment should not be installed. Rather, if the County of Anoka can replace new equipment, surely Ramsey can provide new equipment going forward. This should not be the standard.

Chair Bennett stated the parks developed in the City over the last few years have all had new equipment. There are some aging parks in the City, and the alternative is how to continue to update and maintain the equipment. Those are challenges that will be faced over the next several years.

Commissioner Sis stated the question is whether to do something or to de-commission the park. Doing something is the preferable option. In the case of Ford Brook, it is a park situated in the

middle of the community, as was the old style. Some newer neighborhoods being planned are now being built without parks. Having refurbished second hand equipment is certainly an improvement over the existing structure.

Commissioner Leistico indicated she would not want to make it a policy of always giving used equipment to Ramsey parks, though in this case it is a good choice. She also thinks it appears wasteful of Anoka County to upgrade their equipment when it is in such good condition, but that is another matter entirely.

Commissioner Barnes re-stated citizens are very concerned about this.

Commissioner Leistico asked if people are upset because Ramsey is redirecting money away from parks and putting it into The COR.

Commissioner Barnes responded that yes, putting it into The COR and ignoring neighborhoods. If the goal is to balance the rural character with the urban, she asked whether the City wants to promote apartment complexes and high-density housing, when most of the people who move to Ramsey want that rural character. They are not looking for that high-density area. The City needs to consider its priorities for the Rest of Ramsey (ROR) rather than The COR.

Chair Bennett noted that is a fair challenge. However, in looking at the parks plan just presented, there is one item on park development in The COR, there is amphitheater lighting, one item on signage and the rest of the projects are all trail connections, boardwalks observation deck, bark park, trails, etc. in the rest of Ramsey. He wants the people viewing the meeting at home to understand that the Commission has prioritized projects across the City. There is a perception that a lot of money has gone into The COR. That is largely true because of the amount of development within The COR, but the Commission needs to correct the narrative about what's been done more broadly.

Parks & Assistant Public Works Superintendent Riverblood commented that he likewise was shocked at Anoka County's removal of the play equipment. It is in like new condition. Anything that would be purchased new would look just like this. He was stunned they were removing it, but apparently it has had very little use. The neighborhood had mentioned a desire for rock climbing at Ford Brook. He presented a $20,000 resin/plastic-type rock-climbing wall. He noted however, it will always look like a big plastic rock. An alternative would be granite/limestone. Those are beautiful and durable but not cheap. The rock could also be repurposed in any number of ways at some point in the future if it was no longer desired. A climbing element would have to increase the budget.

Chair Bennett stated this would be a dramatic improvement for this park plus it would be new and different, especially with what is being proposed with the current equipment. But $20,000 is a pretty significant upgrade as well.

Commissioner Sis concurred. The intended audience is definitely the neighborhood and not necessarily the broader community, as there are only going to be a limited number of parking

spaces. If it was going to be a destination park with unique elements, the Commission could consider it. But as it is right now, it could not be worth it to add something like the rock wall.

Chair Bennett asked about adding a rock wall or another feature down the road.

Parks & Assistant Public Works Superintendent Riverblood indicated it would not be difficult to add another installation down the road. There are, however, some efficiencies and economies of scale of doing it all at once. He would recommend considering it or not considering it, rather than thinking about it as a future item. With regards to being a destination, he does not know that the climbing element would make it a destination insofar as a couple or dozen cars at most. Rather, this would make it a unique element for the neighborhood but also the people who like to go on play dates at different parks.

Commissioner Sis noted the border of boulders. Daycare providers have commented that little ones tend to climb on them and fall off.

Parks & Assistant Public Works Superintendent Riverblood indicated that the boulders stand the test of time. They look great, and get banged into by maintenance equipment and still stand up. About 30-40% of the play is just children enjoying rock hopping. A lot of play occurs on those stones. They did check with the League of Minnesota Cities, and it is a perfectly appropriate border. Staff can look at other alternatives, if needed.

Commissioner Sis stated he does not have a problem with them if they have been looked into it.

Commissioner Barnes stated she would much prefer real stone rather than the resin stone. The handholds can be replaced on the real stone.

City Council Liaison Musgrove asked if the staff is recommending the rock climbing or if the residents are asking for it.

Parks & Assistant Public Works Superintendent Riverblood indicated a resident suggested it at the listening session on May 19th.

Chair Bennett asked for a motion with a not to exceed amount, with or without the rock-climbing elements.

Parks & Assistant Public Works Superintendent Riverblood noted he would prefer a not to exceed figure of $75,000 or $95,000 rather than the $71,000 (or $91,000 with rock climbing) listed, as in reviewing the line item budget, a few items are going to be very tight.

Parks & Assistant Public Works Superintendent Riverblood noted that if the Commission recommends a budget, he would immediately bring this to Council and hopefully have it in place by the time children are out of school this year.

Commissioner Barten asked if the benches in the photos are to be included.

Parks & Assistant Public Works Superintendent Riverblood responded he does not know. In the proposal, that was not included. He will try, but he does not know for sure. That also relates to the stone components along the border, and relates to the contingency as well. He concurred there should be a bench.

Commissioner Barnes suggested a motion should be made to include the rock-climbing wall.

Commissioner Sis indicated he would prefer $75,000 budget and a minimalist approach.

Commissioner Leistico concurred, based upon the residents' feedback.

Commissioner Sis added that the residents did put forward a wish list, but there was not the sentiment that every element was necessary for a new park. Having a play structure will likely meet or exceed the expectations of the residents.

Motion by Commissioner Sis, seconded by Commissioner Leistico, to recommend the 2020 Ford Brook Park playground renovation with a not-to-exceed amount of $75,000.

Motion carried. Voting Yes: Chair Bennett; Commissioners Sis, Leistico. Voting No: Barnes and Barten. Absent: Bayer.

5.05: Update Policy for Naming Public Facilities

Parks & Assistant Public Works Superintendent Riverblood reviewed the history of the City's naming policy, which has been in place since 1991. In 2009, the City created a policy for named items like benches. In 2018, the Commission was asked to look at the park naming policy once more. The Commission reviewed it, and it was suggested that an application method be used. That was a favorable outcome of that discussion. Staff has since clarified a few things on the policy and cleaned it up a bit, and the draft policy is stated within the text of the sample Resolution.

Chair Bennett stated this is in line with the Commission's earlier discussions.

Commissioner Sis concurred.

Motion by Commissioner Barten, seconded by Commissioner Sis, to approve the draft Resolution Adopting the Park and Recreation Commission's Public Facility Naming Policy.

Motion carried. Voting Yes: Chair Bennett; Commissioners Barten, Sis, Leistico, Barnes. Voting No: None. Absent: Bayer.

6. COMMISSION/STAFF INPUT

Parks & Assistant Public Works Superintendent Riverblood highlighted the potential March Commission meeting agenda, including the Alpine Park proposal and an update on the Park

System Plan. Also on the agenda in March or April will be the summer outdoor meeting schedule. He asked for Commission suggestions on locations.

Chair Bennett stated there continues to be one open seat on the Commission. The posting is now closed.

Parks & Assistant Public Works Superintendent Riverblood indicated the interviews will be held by the Council in March with appointments to begin in April.

Parks & Assistant Public Works Superintendent Riverblood there have been complaints about residents not cleaning up after their dogs. Also, the usage trend at both ice rinks continues to decline.

Chair Bennett thanked City Council Liaison Musgrove for sitting in for Councilmember Heinrich this evening.

7. ADJOURNMENT

Motion by Commissioner Sis, seconded by Commissioner Leistico, to adjourn the meeting.

Motion carried. Voting Yes: Chair Bennett; Commissioners Sis, Leistico, Barnes, Barten. Voting No: None. Absent: Bayer.

The Park and Recreation Commission meeting adjourned at 8:18 p.m.

Respectfully submitted,



_____

Mark Riverblood
Parks & Assistant Public Works Superintendent

Drafted by Allison Burr
TimeSaver off Site Secretarial, Inc.

PUBLIC WORKS COMMITTEE
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The Public Works Committee conducted a regular meeting on Tuesday, February 18, 2020, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present: Chairperson Mark Kuzma
Councilmember Jeff Menth
Councilmember Chris Riley

Also Present: Public Works Superintendent Grant Riemer
City Engineer Bruce Westby
Deputy City Administrator Tim Gladhill
City Administrator Kurt Ulrich

1. CALL TO ORDER

Chairperson Kuzma called the regular meeting of the Public Works Committee to order at 5:03 p.m.

2. CITIZEN INPUT

There was none.

3. APPROVE AGENDA

Motion by Councilmember Riley, seconded by Councilmember Menth, to approve the agenda, as presented.

Motion carried. Voting Yes: Chairperson Kuzma, Councilmembers Riley and Menth. Voting No: None.

4. APPROVE MINUTES

4.01: Approve January 21, 2020, Meeting Minutes

Motion by Councilmember Riley, seconded by Councilmember Menth, to approve the following minutes:

Regular Meeting Minutes dated January 21, 2020

Motion carried. Voting Yes: Chairperson Kuzma, Councilmembers Riley and Menth. Voting No: None.

5. COMMITTEE BUSINESS

5.01: Consider Recommendation on Cost Share Alternatives for Puma Street Development Initiated Expansion and Safety Improvement Project

Deputy City Administrator Gladhill reviewed the staff report.

Chairperson Kuzma asked if a benefit appraisal would be completed as part of the process.

Deputy City Administrator Gladhill confirmed that would be part of the process to ensure the amount of the assessment does not exceed the benefit provided by the project.

Councilmember Riley asked if an assessment would be necessary if an agreement is reached.

Deputy City Administrator Gladhill noted that one of the three parties has not yet agreed to the cost-share and has expressed objection to this proposed cost-share ratio, therefore an assessment would be the necessary path. He explained that even if all three parties agreed, the City would still need to use the 429 assessment tool to collect the payments.

Heather Lorch, Capstone, stated that Capstone feels strongly that with the 30 percent cost-share it would be reasonable that they could pay in advance but because they are unsure of the fees and end cost, they would feel more comfortable having that cost assessed.

Deputy City Administrator Gladhill explained that the assessment roll is very preliminary, and the final assessment amount will be based off the actual cost.

Chairperson Kuzma agreed that assessment would be the best tool in this case. He confirmed the consensus of the Committee for the City to use the assessment tool for the proposed cost-share.

Motion by Councilmember Menth, seconded by Councilmember Riley, to recommend that the City Council approve the proposed Funding Plan for the Puma Street Developer Initiated Expansion and Safety Improvement Project.

Motion carried. Voting Yes: Chairperson Kuzma, Councilmembers Menth and Riley. Voting No: None.

5.02: Receive Update on Riverdale Drive Development Initiated Expansion and Safety Improvement Project

Deputy City Administrator Gladhill reviewed the staff report noting that the City and Developer agreed to postpone this discussion until the March Public Works meeting at the earliest.

5.03: Consider Request for City to Acquire Driveway Between Blue Velvet Car Wash and Riversbend Bar and Grill

Public Works Superintendent Riemer reviewed the staff report.

Councilmember Riley commented that it appears that the driveway ownership is split equally between Blue Velvet and the strip mall. He asked if the City has spoken with the owner of the strip mall.

Public Works Superintendent Riemer stated that staff has not yet spoken with the strip mall owner.

Councilmember Riley stated that does not want the City to own/purchase that area.

Chairperson Kuzma stated that he would think the owners of the two properties would want to work together to provide access to their customers.

Councilmember Menth stated that he has been involved in a shared driveway agreement in the past for a residential property. He commented that the only two parties involved in a shared driveway are the owners and would not support the City purchasing that land to incur additional maintenance costs.

Motion by Councilmember Menth, seconded by Councilmember Riley, to decline the offer to purchase/maintain Blue Velvet Lane and have it remain a private road.

Motion carried. Voting Yes: Chairperson Kuzma, Councilmembers Menth and Riley. Voting No: None.

5.04: Discuss Options for Northern Nine (9) Acres of Lot 1, Block 1, Bury and Carlson Addition (Future Public Works Campus Site and Economic Development Parcel)

Deputy City Administrator Gladhill reviewed the staff report.

Chairperson Kuzma noted that he and Councilmember Riley were in attendance at the EDA meeting and therefore have already discussed this case. He commented that it makes a lot of sense to provide the additional flexibility to the public works facility design process.

Motion by Councilmember Menth, seconded by Councilmember Riley, to recommend that the City Council revise the listing from nine acres to seven acres to allow flexibility in the final Public Works Campus Design and direct staff to bring the topic back to the Committee for additional review once the Feasibility Study for the new public works facility is completed.

Motion carried. Voting Yes: Chairperson Kuzma, Councilmembers Menth and Riley. Voting No: None.

5.05: Consider Recommendation to City Council to Accept Feasibility Report for 2020 Pavement Overlay Improvements, Improvement Project No. 20-02

City Engineer Westby reviewed the staff report.

Councilmember Menth asked the amount of funding that was available when the Committee first reviewed this case.

City Engineer Westby replied that there is currently $811,000 in the fund but after the unpaid project costs for the two 2019 street reconstruction projects are taken from that account, the available balance would be about $775,000.

Councilmember Menth commented that it was his belief that one of the three project areas would be selected, as the Feasibility Reports have already been completed, rather than selecting a different road without a Feasibility Report.

City Engineer Westby stated that his understanding of the Committee's motion from January was for Staff to present updated cost estimates at this meeting. He noted that the motion also included staff bringing back alternative options identified in the current CIP that could be completed with the available funding.

Chairperson Kuzma asked if letters were already sent to property owners on the streets identified to receive overlays in 2020 per the current CIP stating that the project would be completed.

City Engineer Westby replied that such letters had been mailed but that a second letter was also sent noting that the pavement conditions would not support a standard mill and overlay so more extensive repairs would be required and that it would be most cost-effective to complete those repairs in the future. He also noted that the letter stated the property owners would receive another letter if improvements were ultimately proposed on their streets in 2020.

Chairperson Kuzma asked for funding information.

City Engineer Westby stated that in the next case it is recommended to reallocate $250,000 from the 2020 sealcoat budget towards this project for option three. He confirmed that could also be sufficient funding to complete options one or two.

Councilmember Menth asked why one of the roads from the originally proposed project would not be selected.

City Engineer Westby stated that option one, which proposes removing 3.5-inches of pavement and underlying aggregate base and repaving with 3.5-inches of new pavement at an estimated cost of $835,000, and option two, which proposes completing a full-depth reclamation at an estimated cost of $811,000 to 1.5 miles of streets would provide less than the standard pavement base section and therefore staff would not be confident that the expected lifespan of the improvements would be reached. He stated that staff would be more confident that option three, which proposes standard 2-inch mill and overlay improvements on streets in the Business Park 95 and Regency Ponds Additions, would provide pavement sections closer to today's standards to allow standard pavement management practices to be applied in the future. Staff is therefore more confident in achieving the expected lifespan on these 2.8 miles of streets so in Staff's opinion option three is the most cost-effective.

Chairperson Kuzma asked the condition of the roads within Business Park 95 and Regency Ponds.

Councilmember Menth asked the paser rating of Business Park compared to the other roadways originally included in the project.

City Engineer Westby confirmed that the roads in Business Park 95 are in poor condition and provided photographs. He provided the different paser ratings. He explained that option three would be most cost effective with the limited funds the City has.

Councilmember Riley stated that the City previously identified what it thought was the best idea, but it was found that the pavement was not conducive to the proposed improvement. He stated that it also appears that the priority has changed, and the recommendation better fits the change in priority because of the limited funding available.

Chairperson Kuzma agreed that repairing 2.8 miles would be a better choice than 1.5 miles.

Councilmember Menth stated that his concern would be that the Feasibility Report is not completed on the recommended roads and therefore it could be unknown as to the pavement thickness.

City Engineer Westby explained that the roads in Business Park 95 should have been built to a higher standard, and that the roads in Regency Ponds have good PASER ratings and were more recently constructed and therefore should have a sufficient pavement section to allow for a 2-inch mill and overlay. However, he noted pavement coring's would be needed to verify this as part of the Feasibility Study process.

City Administrator Ulrich asked how the cost could be impacted by the change in the schedule.

City Engineer Westby stated that overlay plans do not take as long to prepare as reconstruction plans and reviewed the proposed schedule and how that would be impacted by changing roadways proposed for improvement. He stated that there would be a two to three week increase in schedule if the streets are changed.

Chairperson Kuzma stated that he would support the staff recommendation.

Motion by Councilmember Menth, seconded by Councilmember Riley, to recommend City Council acceptance of the Feasibility Report for the 2020 Pavement Overlay Improvements, Improvement Project No. 20-02, and to recommend that a new Feasibility Report be ordered including the streets of Business Park 95 and Regency Ponds 1st, 2nd and 3rd Additions.

Further discussion: Councilmember Riley asked if the other roadways would continue to be maintained. City Engineer Westby stated that staff understands that the other roads were included in the CIP for this year and are not in good condition. He confirmed that continued maintenance would occur. He stated that the collection of additional GPR data will allow staff to

take a deep dive into the CIP this fall to create a CIP that can be followed more closely in the future, rather than having to make these changes year after year.

Motion carried. Voting Yes: Chairperson Kuzma, Councilmembers Menth and Riley. Voting No: None.

5.06: Consider Recommendation to City Council to Indefinitely Suspend Sealcoat Program and Reallocate Budgeted Funds

City Engineer Westby reviewed the staff report.

Councilmember Riley asked if the results from ground penetrating radar (GPR) are as good as pavement coring's.

City Engineer Westby explained that the radar provides a reading every one foot. He stated that the coring provides physical data on the pavement structure in isolated locations and therefore would continue to be a part of projects. He stated that the GPR provides data on pavement sections along an entire roadway, which is critical to planning future pavement management projects.

Councilmember Riley stated that he would agree with the plan as proposed. The Committee confirmed consensus.

Motion by Councilmember Riley, seconded by Councilmember Menth, to recommend that the City Council indefinitely suspend the City's annual sealcoat program and approve Staff's proposed sealcoat budget reallocations.

Motion carried. Voting Yes: Chairperson Kuzma, Councilmembers Riley and Menth. Voting No: None.

5.07: Consider Recommendation to City Council to Order Traffic Study for Bunker Laker Boulevard Reconstruction – Armstrong Boulevard to Ramsey Boulevard

City Engineer Westby reviewed the staff report.

Chairperson Kuzma asked where the balance of the money would come from for this project.

City Engineer Westby noted that the CIP sheet was attached to the case and reviewed the different funding that would be used for the project, including the use of MSA funds.

Councilmember Menth stated that he understands that the plan was to improve Bunker Lake Boulevard to five lanes under the JPA. He asked why a traffic study would be needed as this improvement was planned for and is needed as the community continues to grow.

City Engineer Westby explained that City staff met with Anoka County last fall and understood that Ramsey is responsible for upgrading the road, but Anoka County has the final say in the design process and requested the traffic study as part of that process.

City Administrator Ulrich stated that it is possible that the City would not have to build to the most expensive design, if the traffic study supports that, as the City is responsible for designing to a 2040 anticipated use.

Councilmember Riley asked if the traffic study could identify if additional turn lanes could be supported.

City Engineer Westby confirmed that the study could provide support for the discussions with Anoka County related to access points. He stated that the County has stated that they would be open to additional access points, if a roundabout were potentially considered at Center Street and Bunker Lake Boulevard, as that would allow a U-turn type activity.

Chairperson Kuzma asked if the traffic study would address speed.

City Engineer Westby stated that a speed component could be included but the study normally focuses on volumes and turning movements. He noted that it would be the decision of the County as to whether speed would be included. He noted that normally you would improve the roadway and then complete a speed study.

Councilmember Riley stated that this is a County road and the City has to follow the County's specifications and asked why the County would not just take the lead and complete this improvement with the improvement they are doing, with the City reimbursing the cost.

City Engineer Westby stated that the County was very open to partnering on the study and based on the results of the study, the County might be more open to a request to complete both projects at the same time with the County taking the lead. He stated that City staff can continue to have that discussion with Anoka County.

Motion by Councilmember Menth, seconded by Councilmember Riley, to recommend that the City Council order a Traffic Study for the proposed reconstruction of Bunker Lake Boulevard between Armstrong Boulevard and Ramsey Boulevard.

Motion carried. Voting Yes: Chairperson Kuzma, Councilmembers Menth and Riley. Voting No: None.

6. COMMITTEE / STAFF INPUT

6.01: Staff Updates on Improvement Projects and Items of Interest

City Engineer Westby reviewed the staff report.

6.02: Review Future Topics Calendar

City Engineer Westby stated that it is difficult to get everything on the list completed, as some items continue to be pushed out in order to support the higher priority projects that need to be discussed.

Public Works Superintendent Riemer provided an overview of the City's snowplowing process. He stated that the current benchmark for plowing is eight hours. He stated that if snowplowing times were to be lowered the City would need more staff and more equipment to support that change. He estimated that three or four trucks, with employees, would be needed to make a notable change to the plowing time. He anticipated that in order to maintain the eight-hour benchmark, there would need to be an additional plow/driver in the near future because of the increased residential development that is occurring.

7. ADJOURNMENT

Motion by Councilmember Menth, seconded by Councilmember Riley, to adjourn the Public Works Committee meeting.

Motion carried.

The regular meeting of the Public Works Committee adjourned at 6:33 p.m.

Respectfully submitted,



_____

Grant Riemer
Public Works Superintendent

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

CC Regular Session **5. 4.**

Meeting Date: 04/14/2020

By: Katie Schmidt, Administrative Services

Information

Title

Approve the Following Meeting Minutes:

1. City Council Special Work Session dated 3/16/2020
2. City Council Special Session dated 3/19/2020
3. City Council Regular Session dated 3/24/2020
4. City Council Emergency Special Session dated 3/30/2020

Purpose/Background:

Purpose: The purpose of this case is for Council review and approval of meeting minutes.

Background: Attached are the meeting minutes referenced above.

Recommendation:

Approve the meeting minutes.

Action:

Motion to approve the following Council meeting minutes:
1. City Council Special Work Session dated 3/16/2020
2. City Council Special Session dated 3/19/2020
3. City Council Regular Session dated 3/24/2020
4. City Council Emergency Special Session dated 3/30/2020

Attachments

3-16-2020 CCWS Minutes

3-19-2020 CC Minutes

03-24-20 CC Minutes

3-30-2020 CC Minutes

Form Review

Inbox	Reviewed By	Date
Colleen Lasher	Colleen Lasher	04/08/2020 01:11 PM
Kurt Ulrich	Kurt Ulrich	04/08/2020 05:07 PM
Form Started By: Katie Schmidt		Started On: 03/23/2020 10:35 AM
Final Approval Date: 04/08/2020		

CITY COUNCIL SPECIAL WORK SESSION
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The Ramsey City Council conducted a City Council Special Work Session on Monday, March 16, 2020, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present: Mayor John LeTourneau
Councilmember Nadine Heinrich
Councilmember Mark Kuzma
Councilmember Jeff Menth
Councilmember Debra Musgrove
Councilmember Chris Riley
Councilmember Dan Specht

Also Present: City Administrator Kurtis Ulrich
Fire Chief Matt Kohner
Parks and Assistant Public Works Superintendent Mark Riverblood
Administrative Services Director Colleen Lasher
Deputy City Administrator Timothy Gladhill (arrived at 7:05 p.m.)

1. CALL TO ORDER

Mayor LeTourneau called the City Council Work Session to order at 6:30 p.m.

2. TOPICS FOR DISCUSSION

2.01: Continue Review Housing Plans and Policies

City Administrator Ulrich recommended that this item be postponed to a future agenda.

2.02: Discussion Regarding an Adjustment to the Wages for Temporary Seasonal Employees Working in the Public Works Department

Administrative Services Director Lasher reviewed the staff report.

Parks and Assistant Public Works Superintendent Riverblood provided background information noting that the City noticed a difficulty in filling temporary seasonal positions about 10 years ago, which has continued to be a challenge. He hoped that increasing the wage for the position would help to attract, and maintain, additional candidates.

Councilmember Riley stated that the report suggests changing the wage to $12 per hour but the comparable averages appear to be closer to $13.

Administrative Services Director Lasher stated that while the department would love to have the starting wage at $13, staff is aware of the budget conscious climate and therefore is hoping to get to $12.

Councilmember Menth asked how the work is accomplished if there are not enough temporary staff people.

Parks and Assistant Public Works Superintendent Riverblood stated that sometimes the full-time maintenance staff is taken off the higher purpose jobs to mow. He explained that the seasonal workers are very important in completing these jobs, so that the full-time maintenance/streets workers can focus on the jobs they are intended to focus on.

Councilmember Menth stated that it appears a lot of time is wasted training new people and using higher paid staff people on lower paying jobs. He asked if it would then make sense to begin the starting wage at $13.

Administrative Services Director Lasher confirmed that would definitely help. She stated that staff always monitors the budget throughout the year. She suggested that perhaps the starting wage is set at $12, with discretion for staff to offer up to $13 if the candidate has appropriate experience.

Councilmember Heinrich stated that she would be comfortable with that recommendation.

Councilmember Musgrove asked if temporary seasonal employees are only paid hourly wages and not paid benefits.

Administrative Services Director Lasher confirmed that the City pays the hourly wage and contributes for workman's compensation but does not have to pay benefits for those employees.

Councilmember Musgrove stated that she would be willing to increase the hourly wage in order to retain the seasonal employees and allow the higher paid full-time employees the ability to focus on their responsibilities.

Councilmember Specht asked if the City could contract or subcontract for mowing.

Administrative Services Director Lasher replied that would have a much higher cost with less control. She stated that the City has tried that method in specific locations in the past, but it was not successful.

Councilmember Specht stated that he would agree with the range of $12 to $13 for a starting wage in order to attempt to attract and retain seasonal employees and allow full-time employees to focus on their duties.

Administrative Services Director Lasher stated that it could also be helpful to apply the non-union COLA to this position as well, in order to keep the position in the competitive market range.

Councilmember Musgrove stated that she does not agree with applying the COLA to the position as these would most likely be entry-level workers. She stated that she would rather review the position in the future if additional increases are needed.

Councilmember Kuzma stated that he would support the starting wage at $12 with the discretion for staff to increase to $13.

Councilmember Musgrove stated that she would prefer to start at $13, with discretion for staff to increase.

Mayor LeTourneau recognized that staff was being cautious in its ask for a higher starting rate and asked if the best opportunity to recognize the retention for the position would be at $12 per hour with discretion, or $13 per hour with discretion.

Parks and Assistant Public Works Superintendent Riverblood replied that he believes the $13 per hour rate with discretion would result in a larger number of applicants and better retention. He stated that staff continues to monitor the budget throughout the season. He explained that if the budget runs tighter towards the end of the season, the City keeps on only the higher quality seasonal workers for the remainder of the time in order to receive the most amount of work for the cost.

Administrative Services Director Lasher stated that the position was posted the previous week, noting that the posting states that the City will pay up to $12 per hour. She reported that 23 people viewed the position and only one applied.

Mayor LeTourneau stated that he would support increasing to $13 per hour with discretion for staff on either side.

Administrative Services Director Lasher asked if the discretion would increase to $14, which is currently the top level, or whether the levels would increase appropriately as well.

Councilmember Specht stated that he would trust staff to make the adequate adjustments to the levels.

Councilmember Musgrove stated that she would be comfortable with the position rate ranging from $13 to $15 and not applying COLA.

Mayor LeTourneau confirmed the consensus of the Council to have a starting rate of $13 per hour with a cap at $15 per hour, and not tying the position to COLA increases.

2.03: Discussion Regarding Section 2-156 of the City Code – Boards and Commissions

Administrative Services Director Lasher reviewed the staff report.

Councilmember Kuzma commented that he has no interest in changing the language.

Councilmember Heinrich stated that she can see the value in changing the language to only allow Ramsey residents, as the City's population has grown since the language was written. She stated that while the City holds the discretion to not appoint people from outside the city, the language should align with the practice.

Councilmember Riley stated that he has a strong preference that the City only appoint Ramsey residents and only consider non-residents when the position cannot be filled by a resident. He stated that he did not feel that the language in the Charter would necessarily need to be changed. He stated that he does feel that the EDA benefits from allowing non-residents, as sometimes those people are Ramsey business owners, or the group sometimes is looking for a person with a certain skill set.

Councilmember Specht commented that with the growing population he would agree that the language should be changed to Ramsey residents.

Councilmember Musgrove asked if the Charter could review the ability for the EDA to select non-residents.

City Administrator Ulrich stated that the Council can provide direction for the Charter Commission to review the language and determine what would be best.

Councilmember Musgrove stated that she would be in favor of having the Charter Commission review the language, allowing only Ramsey residents with the exception of the EDA.

Administrative Services Director Lasher explained that a Charter amendment would require a vote of 7-0 from the Council for approval.

Mayor LeTourneau stated that the policy has been in place and has never been an issue in the past. He explained that to some degree this would be attempting to fix something that has not been an issue and expending time and resources to do so. He stated that the language change would also preclude a Ramsey business owner, that is not a resident, from being a member of the EDA or perhaps other Board or Commission that could benefit from a certain skill set. He stated that he would not want to give up that flexibility when it has not been an issue.

City Administrator Ulrich stated that recently there was an EDA member that was appointed when he was a resident but then moved out of Ramsey. He noted that language could be added that states that if someone moves out of the City once appointed, they would need to reapply.

Mayor LeTourneau asked how many times that has happened in the last 20 years, noting that probably only happened one time as most residents would choose to resign from that position when they move out of the city.

Councilmember Menth stated that he agrees that this would be fixing something that is not broken as it seems to be working quite nicely as it is. He stated that he has no objection to leaving the language as it is.

Councilmember Kuzma agreed that he does not want to change the language.

Mayor LeTourneau stated that it appears that the consensus of the Council is to have the language reviewed.

Administrative Services Director Lasher reminded the Council that a 7-0 vote would be necessary to change the language in the Charter and asked if the Council would still like staff to spend the time to review the language.

Mayor LeTourneau stated that he did not believe the item would pass through the Council at a vote of 7-0 but noted that perhaps members could learn something new from additional discussion that could change their position.

Councilmember Heinrich stated that she believed that valuable input could be gained from the Charter Commission that could perhaps be workable for the Council.

Administrative Services Director Lasher continued to review the staff report related to the language related to compensation and stipend.

Councilmember Heinrich stated that she is surprised by the number of cities that do not have a stipend and by the number of Ramsey Board and Commission members that waive their stipend.

Councilmember Riley commented that people volunteer for these positions and have the expectation that they are volunteering.

Councilmember Musgrove asked for additional details on the seven out of 12 members that have chosen to waive stipends.

Administrative Services Director Lasher replied that seven out of 12 Board and Commission members have chosen to waive their stipend since November of 2016, when the option to waive stipends was offered. She stated that she did not ask existing members whether they would like to waive the stipend that they have been receiving. She noted that five of the members that joined since 2016 did accept the stipend.

Councilmember Specht stated that he likes the option of offering the stipend as members could have expenses in return for attending meetings. He stated that those that chose to waive can choose that option.

Councilmember Menth stated that he believed that the question that arose from Councilmember Musgrove was not related to the amount of the stipend and whether it is offered but the language used in the ordinance.

Administrative Services Director Lasher stated that staff simply provided the background information as the topic was being discussed and because of the staff time expended. She noted that some cities do not offer a stipend and instead offer an appreciation event, which Ramsey

also does. She confirmed the recommendation of staff to eliminate the stipend for Boards and Commissions, which would also eliminate the need for one payroll cycle.

Councilmember Heinrich asked if the payroll could be combined into another cycle to eliminate the additional cost.

Administrative Services Director Lasher explained that the cost of $5,000 is for all of the stipends for the year, not the cost for the additional payroll cycle. She stated that if the Boards and Commissions stipend is eliminated, the City Council stipend could be combined with staff payroll to generate savings.

Councilmember Heinrich asked the number of current Board and Commission members that opt into the stipend option.

Administrative Services Director Lasher replied that 17 members accept the stipend currently, out of 24 members.

Councilmember Specht asked the number of hours spent on the additional payroll cycle.

Administrative Services Director Lasher reviewed the staff work that is necessary for the stipends, estimating about a few hours per month.

Councilmember Kuzma commented that it would be difficult to take the stipend away from those that are used to receiving the stipend. He noted that perhaps it could be an option in the future to phase out for new members.

Councilmember Menth agreed that he would not want to take something away from people that are receiving it. He stated that the trend may continue that people choose to waive the stipend, but he would not want to take that choice away.

Councilmember Riley stated that perhaps a policy direction be that the stipend would be eliminated when the current term expires, in order to phase out the change.

Councilmember Musgrove stated that her intention was not to take away the stipend when she originally brought up the discussion. She agreed that the phased-out approach could work.

Councilmember Specht stated that he still leans towards offering the stipend but noted that his position could change in the future.

Councilmember Riley commented that those that receive a stipend receive a W-2 at the end of the year, which seems weird as these are not employees of the City.

Councilmember Heinrich stated that 70 percent of the Board and Commission members are accepting the stipend and therefore she would not be in favor of taking away that opportunity.

It was the consensus of the Council to continue to offer the option of a stipend or for members to have the option to waive the stipend.

2.04: Round Up for Change Program

City Administrator Ulrich reviewed the staff report.

Councilmember Heinrich commented that she would support the program if it is an opt-in program rather than an opt-out program.

Councilmember Musgrove stated that Ramsey pays a larger portion than other cities for Youth First, along with the credit for the building lease. She stated that she would like to see the round up program go forward to help defer the cash payment that the City contributes to the organization. She commented that the residents pay taxes for high priority items such as roads and public safety, rather than charity. She stated that the round up program would be an option for residents to choose to contribute. She asked if the resident could choose to opt out at any time, if the City chose the opt out program. She commented that an opt out program would seem to have less paperwork and staff time.

City Administrator Ulrich confirmed that residents can choose to opt out at any time.

Councilmember Musgrove asked if the cost to the City is just the implementation cost or whether there is an ongoing annual fee.

City Administrator Ulrich noted that staff could investigate whether there could be an annual cost for the software.

Councilmember Riley stated that the case is written with the recommendation that the funds generated from this program would reduce City expenditures. He stated that he does not agree with that. He stated that a separate topic could be whether it is appropriate for the City to fund charity. He explained that he would not want to collect these funds under the guise of charity and use them to offset what the City would have already been paying.

Councilmember Kuzma stated that the City receives a lot of complaints on utility billing already and therefore he would not support this program as it seems to be a low return on the investment for the software.

Councilmember Menth stated that he would also vote against this program.

Councilmember Specht stated that he would support the program as written as it would allow residents the choice to contribute to a community program. He stated that the choice could be reevaluated after one or two years.

Councilmember Musgrove stated that people would make their own choice on whether or not they want to contribute and the funds could be used to offset the contribution the City pays to

Youth First, which would reduce the amount of tax dollars expended for that item. She was unsure why that would be negative.

Councilmember Riley stated that he does not believe the actions should be linked. He stated that if the City does not want to pay the expenditure, that should be a separate discussion.

Councilmember Musgrove stated that taxpayers do not pay taxes thinking that the money will be used on charity.

Councilmember Riley agreed that is a good discussion but would be separate of this discussion.

Councilmember Heinrich stated that the Council has already had that discussion and the direction was to use the lawful gambling fund for the Youth First contribution, therefore the general fund is not being used for that. She stated that this choice is whether to offer residents the choice to decide to round their bill up to contribute, noting that the donation could be made to another organization and it would not have to be Youth First.

Mayor LeTourneau stated that he generally supported the program but is not a fan of attaching something to a utility bill right now with the road funding discussions that still have to occur related to the possibility of franchise fees. He agreed that he would also not want this to appear that the City is using this contribution to offset another expenditure, similar to the comments of Councilmember Riley.

It was the consensus of the Council not to pursue a round up program at this time.

2.05: Review Adopt-a-Flag Project Concept

City Administrator Ulrich reviewed the staff report.

Councilmember Specht stated that he supports the program as presented and thanked staff for their work.

Councilmember Heinrich thanked staff for their work to incorporate the discussion of the Council and expressed support for the program.

Mayor LeTourneau asked if there would be additional staff work, for times of half staff and such.

City Administrator Ulrich provided details on the minimal staff time that would be necessary.

Councilmember Riley asked for details on the hold harmless agreement from Connexus.

City Administrator Ulrich provided additional details on the agreement he received from Connexus. He noted that the City Attorney is currently reviewing the language.

The consensus of the Council was to support the program.

2.06: Update on COVID-19 Preparations

Fire Chief Kohner reviewed the staff report.

Councilmember Menth asked the type of cleaner that is being used or recommended.

Fire Chief Kohner provided additional details on sanitizing.

Councilmember Heinrich thanked staff for their work and communications during this time. She asked if attendance would be staggered for weekly meetings to not exceed the limit of 10.

Fire Chief Kohner confirmed that will be a topic of the meeting tomorrow. He stated that Allina has canceled its training at this time. He noted that required training would continue but the weekly training would be canceled.

Councilmember Specht asked if City employees have the ability to work from home.

Administrative Services Director Lasher provided details on the ability for some employees to work from home, noting that those that work in the field would not have the capability of working from home. She stated that some staff members have expressed concern about working at City Hall during this time because they are at higher risk.

Deputy City Administrator Gladhill provided details on the community development department, which has some ability to work remotely and noted that staff is attempting to rotate the necessity for some employees to work remotely and some working at City Hall. He stated that the City does not have enough equipment to allow everyone to work from home at this time. He explained that the City is working on a phased response, spacing employees and rotating the employees that are working remotely and working from City Hall.

Councilmember Musgrove asked if it would be better to have one staff person in regularly rather than rotating the staff member present at City Hall.

Deputy City Administrator Gladhill stated that they are holding a lot of virtual meetings. He explained that in terms of equity and fairness, rotating seems to be the better choice.

Mayor LeTourneau stated that currently the CDC limits gatherings to 50 people and the State Department has recommended canceling events of 10 people or more, where half the group would be considered high risk.

City Administrator Ulrich replied that the White House made an announcement this afternoon which stated no gathering of 10 people or more, which took it a step further than previously announced.

Mayor LeTourneau thanked staff for the work they continue to do. He stated that if there is something that staff needs from the Council to please let the Council know.

City Administrator Ulrich stated that Deputy City Administrator Gladhill has been a great resource for remote work and remote meeting attendance. He provided an update on the social distancing and sanitizing efforts. He asked if the Council would support canceling room reservations for ten or more people.

The Council confirmed consensus with that direction.

City Administrator Ulrich noted the less people coming into City Hall, the better. He provided an update on the procedures that have been implemented by the License Center and other areas of City Hall. He discussed other potential elements that could be implemented in regard to employee leave and potential use of sick time. He also provided an update on upcoming events that have been canceled or are being rescheduled. He reviewed the remote attendance policy of the City, which is preempted by the State declaration of emergency, noting that phone and electronic participation is available for meetings.

Councilmember Heinrich asked what the plan is in terms of communicating to the community.

City Administrator Ulrich stated that the City has not issued anything as of yet, because there were not guidelines in place. He stated that he will work to develop a Facebook message based on this discussion. He asked for input on the reservation of park facilities for groups of ten people or larger.

Fire Chief Kohner stated that the strategies discussed thus far are in an attempt to be proactive. He stated that the bar has been set for social gatherings and the City should follow it, therefore he would support canceling the reservations for at least the next two-week period.

Councilmember Riley stated that the direction has already been provided from the President and Governor and therefore the City is only following that direction.

Councilmember Menth asked if the parks would be closed or whether gatherings would be limited to ten people.

It was confirmed that the limitation would apply to rental of park buildings for ten people or more for the next two weeks and the parks themselves would remain open.

City Administrator Ulrich confirmed that the Council would provide he and Deputy City Administrator Gladhill some discretion on the day to day operations at City Hall as things continue to evolve. He stated that under the Emergency Management Plan the Fire Chief is identified as the communications representative with the Police Chief as the second, followed by the Mayor.

Mayor LeTourneau stated that it seems that a large force of the recent actions is driven by anxiety and fear of the unknown. He stated that it seems that people listen when the President or Governor come on with updates. He stated that perhaps it would be helpful for the City to develop some short messaging to comfort residents and provide updates that could be played on

QCTV. He noted that he would be willing to work with staff to develop appropriate messages that he could tape with QCTV.

Fire Chief Kohner stated that based on the fact that the circumstance is ever changing, the message would need to be very generic. He stated that the virus has a lot of unknown elements and is causing anxiety and reaction based on the unknown. He stated that there should be a message of what the City is doing to protect its staff and changes at City Hall. He stated that he would lean towards some guidelines and a script developed by staff.

Councilmember Musgrove asked if there have been a lot of comments on the City Facebook page.

Councilmember Heinrich commented not on the City page, but the community page.

City Administrator Ulrich stated that fortunately the City is not a major player, as the message continues to come from the CDC and Governor. He stated that staff would want to direct people to those sources of information for updates.

Councilmember Musgrove stated that she would be hesitant for the City to make its own announcements and would simply continue to direct residents to the CDC and Department of Health.

Fire Chief Kohner noted that the information Ramsey would put out would follow the CDC and Department of Health.

City Administrator Ulrich stated that the intent would be to update residents with the recent changes at City Hall and cancelations of room and park facility reservations.

Councilmember Musgrove confirmed that she would agree with that update.

Councilmember Specht agreed that a Facebook update would be helpful with that information.

Councilmember Heinrich stated that Anoka County has closed its use of public meeting rooms through April 30th and suggested that the City follow consistent dates, either using that or March 27th as some other closures have used.

3. TOPICS FOR FUTURE DISCUSSION

3.01: Review Future Topics/ Calendar

Noted.

4. MAYOR / COUNCIL / STAFF INPUT

None.

5. ADJOURNMENT

The Work Session of the City Council was adjourned at 8:35 p.m.

Respectfully submitted,

_____
Kurtis G. Ulrich
City Administrator

ATTEST:

_____
Katie M. Schmidt
Administrative Assistant

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

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SPECIAL CITY COUNCIL
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The Ramsey City Council conducted a special meeting on Thursday, March 19, 2020, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota. Meeting by telephone or other electronic means in accordance with Minnesota Statute 13D.021.

Members Present: Mayor John LeTourneau
Councilmember Nadine Heinrich
Councilmember Mark Kuzma
Councilmember Jeff Menth
Councilmember Debra Musgrove
Councilmember Chris Riley
Councilmember Dan Specht

Members Absent: None

Also Present: City Administrator Kurtis Ulrich
Fire Chief Matt Kohner
Police Chief Jeff Katers
Information Technology Manager Jason Fredrickson
Communication and Events Coordinator Megan Thorstad
Deputy City Administrator Timothy Gladhill

1. CALL TO ORDER

Mayor LeTourneau called the regular meeting of the Ramsey City Council to order at 5:30 p.m.

Mayor LeTourneau noted that this meeting is being conducted per telephonic means as allowed by State Statute in response to the declaration of emergency called by the Federal Government, State of Minnesota, along with other national organizations. He stated that he, as the Mayor, called a local state of emergency for a period of three days in response to the COVID-19 pandemic and the Council will consider extending that period of time. He provided additional details on how the meeting will be conducted and how members of the public can electronically participate.

2. CITIZEN INPUT

None.

3. APPROVE AGENDA

Motion by Councilmember Menth, seconded by Councilmember Musgrove, to approve the agenda as presented.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Kuzma	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

4. COUNCIL BUSINESS

4.01: Receive Update Regarding COVID-19

Fire Chief Kohner reviewed the staff report and provided an emergency management update. He stated that COVID-19 continues to evolve, as does information coming down from other entities. He reviewed the number of cases in Anoka County and the range of ages of those that have been infected. He reviewed the types of businesses that have temporarily closed due to the pandemic. He stated that Anoka County declared a local state of emergency, and Ramsey followed on March 17th, declaring a local state of emergency. He explained that state of emergency is valid for a period of 72 hours, and an emergency meeting of the City Council was necessary in order to continue that declaration of local emergency.

City Administrator Ulrich stated that the City has been working under the guidelines reviewed by the Council earlier this week and provided a brief update.

4.02: Adopt Resolution 20-062 a Declaration of Emergency for the City of Ramsey, MN Coronavirus Disease 2019 (COVID-19)

City Administrator Ulrich reviewed the staff report and recommendation to adopt Resolution #20-062 a declaration of emergency for the City of Ramsey, MN Coronavirus Disease 2019 (COVID-19).

Motion by Councilmember Menth, seconded by Councilmember Kuzma, to adopt resolution #20-062 Approving a Declaration of Emergency for the City of Ramsey, MN Coronavirus Disease 2019 (COVID-19) as follows:

1. Under the authority given by Minnesota Statutes, Section 12.29 declares that a local emergency exists within the City of Ramsey, effective March 17, 2020, with all the powers and responsibilities attending thereto as provided by Minnesota Statutes, Chapter 12.

2. Directs City staff to review ordinance and regulatory requirements, operations, civil and legal proceedings, events, and resources to determine whether the foregoing should be adjusted or suspended, and to make recommendations regarding additional emergency regulations to support the employees and residents of the City of Ramsey.
3. Directs all City departments and offices to operate and support the response to this incident, under the direction and coordination of the Emergency Management Director and Emergency Management Team, including implementing new employee protocols, strategies, and processes to ensure that public services are maintained.
4. Directs the City's Emergency Management Director and other appropriate City staff to request and coordinate appropriate aid and resources from surrounding jurisdictions, Anoka County, the State of Minnesota, and the Federal government, as needed.
5. Declares, under Minnesota Statutes, Section 13D.021, that in-person meetings of the Planning Commission, and other advisory commissions of the City of Ramsey are not practical or prudent due to the COVID-19 health pandemic and the peacetime emergency declared by Governor Walz pursuant to Minnesota Statutes, Chapter 12, and hereby directs that meetings of the Planning Commission, and other advisory commissions of the City shall either be canceled, postponed, or conducted by telephone or other electronic means, and hereby directs City staff to take such action as may be necessary to enable such meetings to occur via telephone or other electronic means pursuant to Minnesota Statutes, Section 13D.021, until such time as it is no longer impractical or imprudent for the Planning Commission, and other advisory commission to resume in-person meetings.
6. Orders this Emergency Declaration for the City of Ramsey, Minnesota, which shall continue through Tuesday, April 14, 2020, unless further extended by or with the consent of the City Council pursuant to Minnesota Statutes, Section 12.29, Subd. 1.
7. Orders that this declaration be given prompt and general publicity and that it be filed promptly by the City Clerk.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Kuzma	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

5. MAYOR, COUNCIL AND STAFF INPUT

Councilmember Musgrove recognized Riversbend for offering free lunches and encouraged residents to call in for curbside pick up to support that business. She recognized it's the first day of spring and encouraged residents to check out Lower Rum River (LRRWMO) or the Conservation district, she mentioned they have a lot of information about activities. She

encouraged people to keep our leaders in their thoughts and prayers. Councilmember Specht recognized the amazing local businesses, employees of Coburns, and lastly the first responders. City Administrator Ulrich announced the upcoming meeting.

6. ADJOURNMENT

Motion by Councilmember Specht, seconded by Councilmember Musgrove, to adjourn the meeting.

A roll call vote was performed by the City Administrator

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Kuzma	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

The regular meeting of the City Council adjourned at 5:56 p.m.

Respectfully submitted,

_____
Kurtis G. Ulrich
City Administrator

ATTEST:

_____
Katie M. Schmidt
Administrative Assistant

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

A recording of this meeting is available for viewing online at www.qctv.org <http://www.qctv.org>. Recordings are available for 36 months after the date of the meeting.

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CITY COUNCIL
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The Ramsey City Council conducted a regular meeting on Tuesday, March 24, 2020, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota. Meeting by telephone or other electronic means in accordance with Minnesota Statute 13D.021.

Members Present: Mayor John LeTourneau
Councilmember Nadine Heinrich
Councilmember Mark Kuzma
Councilmember Jeff Menth
Councilmember Debra Musgrove
Councilmember Chris Riley
Councilmember Dan Specht

Members Absent: None

Also Present: City Administrator Kurtis Ulrich
Fire Chief Matt Kohner
Police Chief Jeff Katers
Deputy City Administrator Timothy Gladhill
City Engineer Bruce Westby
Parks and Assistant Public Works Superintendent Mark Riverblood

1. CALL TO ORDER

Mayor LeTourneau called the regular meeting of the Ramsey City Council to order at 7:00 p.m., followed by the Pledge of Allegiance led by Mayor LeTourneau.

2. PRESENTATION

2.01: Receive an Update Regarding COVID-19

Mayor LeTourneau provided an update regarding the COVID-19 declaration of emergency, noting that it has been found that in person meetings are not necessary and therefore meetings will be conducted electronically/telephonically. He provided details on how the public can watch the meeting and provide comments.

Fire Chief Kohner stated that Ramsey is in a good position with the current health crisis as the emergency management plan has a number of plans put in place for different situations. He stated that the City is following the orders and recommendations from the Minnesota Department of Health and CDC, as well as local State agencies. He stated that Ramsey continues to do its part to contain the spread of the virus by the closure of public buildings, park facilities, and

cancelation of public events. He provided details on COVID-19, noting that it spreads by close contact with others and the best practices are to maintain social distancing and hygiene practices. He stated that there is no change to the level of service provided by police and fire. He stated that up to date information is posted on the City website.

Deputy City Administrator Gladhill stated that the City continues to field calls from the business community, specifically related to essential and non-essential categories and closures. He reviewed some of the administrative measures that the City has implemented to assist the business community during this time. He stated that the City cannot define essential businesses until an order is provided by the Governor. He advised of additional resources that staff can link businesses with to provide assistance during this time. He noted that staff hopes to have a website available the following day listing Ramsey businesses that are still providing delivery/takeout service during this time.

3. CITIZEN INPUT

None.

4. APPROVE AGENDA

Motion by Councilmember Riley, seconded by Councilmember Heinrich, to approve the agenda as presented.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Kuzma	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

5. CONSENT AGENDA

Councilmember Musgrove requested to remove Item 5.06 from the Consent Agenda to be considered on the regular agenda.

Motion by Councilmember Musgrove, seconded by Councilmember Menth, to approve the following items on the Consent Agenda as amended, removing Item 5.06:

5.01: Approve the following Meeting Minutes:
1) City Council Work Session dated March 10, 2020
2) City Council Regular dated March 10, 2020

5.02: Approve Business Licenses
5.03: Approve Rental Licenses
5.04: Adopt Resolution #20-61 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of March 5, 2020 through March 18, 2020
5.05: Adopt Resolution #20-054 Approving the Transfer of Excess General Fund Revenues to the Equipment Revolving Fund, Facilities Construction Fund, Capital Maintenance Fund and Public Improvement Revolving (PIR) Fund
5.06: ~~Adopt Resolution #20-044 Accepting Feasibility Report for Amended 2020 Overlay Improvements, Improvement Project #20-02A~~ This item was removed from the Consent Agenda to be considered as Item 7.03
5.07: Adopt Resolution #20-056 Approving Riverstone Preliminary Plat Extension
5.08: Adopt Resolution #20-057 Approving First Amendment to Purchase Agreement for Part of Outlot A, Stone Brook Academy; Case of Cobblestone Hotel Development, LLC
5.09: Adopt Resolution #20-063 Denying a Massage Establishment and Massage Therapy License
5.10: Adopt Resolution #20-065 Approving Cost Share Framework for Riverdale Drive Improvement Project
5.11: Adopt Resolution #20-059 Confirming Acceptable Location for Driveway on Lot 2, Block 1, Hauck Addition
5.12: Adopt Resolution #20-053 to Hire Temporary Non-Benefit Eligible AFSCME Public Works Maintenance Workers
5.13: Adopt Resolution #20-064 to Authorize an Adjustment to the Hourly Wages for Temporary Seasonal Employees Working in the Public Works Department

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Kuzma	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

6. PUBLIC HEARING

6.01: Public Hearing – Adopt Resolution #20-043A Accepting Feasibility Report and Ordering Plans and Specifications for Puma Street Improvements, Improvement Project #20-04

Presentation

City Engineer Westby reviewed the staff report and recommendation to adopt Resolution #20-043A accepting the Feasibility Report and ordering plans and specifications for Puma Street Improvements, Improvement Project #20-04 to support future development in the area.

Mayor LeTourneau noted that representatives from Paxmar and Capstone are attending the meeting tonight virtually.

Public Hearing

Mayor LeTourneau called the public hearing to order at 7:38 p.m.

Citizen Input

There was none.

Motion by Councilmember Heinrich, seconded by Councilmember Kuzma, to close the public hearing.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Kuzma	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

The public hearing was closed at 7:39 p.m.

Council Business

Councilmember Riley stated that the Council has discussed this project in detail, including review and a recommendation from the Public Works Committee.

Motion by Councilmember Riley, seconded by Councilmember Menth, to Adopt Resolution #20-043A Accepting Feasibility Report and Ordering Plans and Specifications for Puma Street Improvements, Improvement Project #20-04.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye

Councilmember Heinrich aye
Councilmember Kuzma aye
Councilmember Specht aye
Councilmember Musgrove aye

Motion carried.

6.02: Adopt Resolution #20-042 Postponing the Public Hearing for a Conditional Use Permit for a Ground Sign and Wall Signage at 7800 Sunwood Drive NW

Presentation

Deputy City Administrator Gladhill reviewed the staff report and recommendation to postpone this case.

Motion by Councilmember Heinrich, seconded by Councilmember Specht, to Adopt Resolution #20-042 Postponing the Public Hearing for a Conditional Use Permit to Allow Both a Ground Sign and Wall Signage on the Property Located at 7800 Sunwood Drive NW and Declaring Terms of Same.

Further discussion: Councilmember Musgrove asked staff what is to be expected going forward. Deputy City Administrator Gladhill explained that staff will work with the applicant to determine if the case could be postponed further or if an alternative method of gathering public input would be utilized. Councilmember Musgrove asked if there is an expected timeframe. Deputy City Administrator Gladhill stated that staff would anticipate bringing this back on April 14th. Councilmember Specht asked if the applicant is okay waiting. Deputy City Administrator Gladhill confirmed that staff reached out to both this applicant and the next applicant to ensure they would be okay waiting.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau aye
Councilmember Riley aye
Councilmember Menth aye
Councilmember Heinrich aye
Councilmember Kuzma aye
Councilmember Specht aye
Councilmember Musgrove aye

Motion carried.

6.03: Adopt Resolution #20-027 Postponing the Public Hearing for a Conditional Use Permit for an Oversized Ground Sign at 7990 Sunwood Dr NW

Presentation

Deputy City Administrator Gladhill reviewed the staff report and recommendation to postpone this case.

Motion by Councilmember Riley, seconded by Councilmember Heinrich, to Adopt Resolution #20-027 Postponing the Public Hearing for a Conditional Use Permit to Allow an Oversized Ground Sign on the Property Located at 7990 Sunwood Drive NW and Declaring Terms of Same.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Kuzma	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

7. COUNCIL BUSINESS

7.01: Adopt Ordinance #20-03 Vacating Drainage and Utility Easement Related to Riverstone 4th Addition

Deputy City Administrator Gladhill reviewed the staff report and recommendation of the Planning Commission to approve this project. Staff recommends the vacation of drainage and utility easements related to Riverstone 4th Addition in order to execute the recommendation of the Planning Commission.

Motion by Councilmember Specht, seconded by Councilmember Riley, to waive the Charter requirement to read the ordinance aloud and Adopt Ordinance #20-03 Vacating Underlying Drainage and Utility Easements Related to Riverstone 4th Addition.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Kuzma	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

7.02: Approve Center Street Area Capital Improvement Planning

Parks and Assistant Public Works Superintendent Riverblood reviewed the staff report and recommendation from staff and the Public Works Committee to proceed and approve the planning activity outlined in the case.

Councilmember Heinrich referenced pump house three and asked the cost associated with that cost. She asked for details on the current exterior façade.

Park and Assistant Public Works Superintendent Riverblood confirmed that the planning cost of the façade would be funded through the Municipal Water Enterprise Fund. He stated that the current exterior is painted cement block. He stated that this design work would provide the City with the design plans and estimated cost. He stated that staff is mindful of the requirements for private development in this area and the civic architecture in this area should also follow those requirements.

Councilmember Heinrich asked why all of these projects are being compiled into the same case.

Parks and Assistant Public Works Superintendent Riverblood explained that some of the projects are time sensitive, due to private development that has occurred adjacent, and provided additional details.

Councilmember Riley stated that about one year ago, the Public Works Committee reviewed a similar case but with a larger scope. He stated that the Committee at that time stated that it did not want to move forward ahead of current progress. He explained that this is a smaller scope and would propose to catch up with the development that has occurred around these areas. He explained that the pump house was constructed in a basic manner and the area around that has developed, therefore it is time for the City to step up to match the required architectural design requirements for The COR.

Councilmember Heinrich stated that she has concerns with the municipal plaza element, specifically pursuing certain amenities such as outdoor furniture. She also has reservations about a public restroom. She stated that she is not comfortable moving all of these things forward at this time.

Mayor LeTourneau asked the level of planning anticipated.

Parks and Assistant Public Works Superintendent Riverblood stated that the mention of furniture could include benches and other streetscape elements. He stated that while those elements do not have to be included, he would recommend they be included to provide an accurate cost estimate for the time the project is actually considered in the future. He confirmed that this is simply planning, and the actual elements of the project can be included or not included at the time the project is reviewed.

Mayor LeTourneau asked for information on the recommendation to potentially include a public restroom.

Parks and Public Works Superintendent Riverblood stated that staff is not stating that the public restroom would move forward ultimately but believed that element should be evaluated for future review because of the pedestrian activity and programming within that area of The COR.

Mayor LeTourneau stated that there is a public restroom adjacent to The Draw Park, which is used extensively. He recognized that including this element in the planning phase does not mean it needs to go forward.

Councilmember Kuzma stated that this is a planning document and the City cannot move forward without a plan. He stated that this would provide cost estimates that are needed by the City.

Motion by Councilmember Kuzma, seconded by Councilmember Riley, to approve $11,800 for Center Street area capital improvement planning.

Further discussion: Councilmember Musgrove stated that this includes many elements and is unsure that it makes sense to bundle them together. She asked if the sidewalks could be completed separate from the remainder of the project elements. Parks and Public Works Superintendent Riverblood replied that the sidewalk element could be completed separately. Councilmember Musgrove stated that she noticed additional items included in the original case which are not included at this time. Parks and Assistant Public Works Superintendent Riverblood explained that the original case included additional elements in an attempt to gain potential grant funds. He confirmed that the scope of the case was lessened since that time. Councilmember Musgrove stated that she has reservations on this project. She asked if there would be several options to review, once the plans are completed. She asked if the port-a-potty services would still be needed for larger events, if the bathrooms are constructed. Parks and Assistant Public Works Superintendent Riverblood confirmed that all elements would be itemized with the estimated costs, therefore the Council could select the options it wants to move forward on in the future. He stated that if the public restrooms are constructed, port-a-potty rental would still occur to a lesser extent for larger events. Councilmember Musgrove stated that she will not be supporting this proposal as she would like the elements to be further separated. Councilmember Heinrich stated that she is not opposed to the restroom idea in the future, as that could be a value, but did not think the City was in that position. She stated that she has concerns with using Water Utility Funds for some of these elements, when those funds could be used for the Public Works Campus and/or water treatment facility. She stated that she will not be supporting this action. Councilmember Specht stated that he recognizes that this is a planning phase and is supportive of this moving forward, with the understanding that additional review and discussion would occur prior to any of these elements moving forward past the design stage.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye
Councilmember Heinrich	nay

Councilmember Kuzma aye
Councilmember Specht aye
Councilmember Musgrove nay

Motion carried.

7.03: Adopt Resolution #20-044 Accepting Feasibility Report for Amended 2020 Overlay Improvements, Improvement Project #20-02A

Councilmember Musgrove stated that her intent was to remove Case 5.04 from the Consent Agenda and therefore does not have any concerns with this case.

Mayor LeTourneau noted that item was already approved on the Consent Agenda and therefore asked staff for direction.

City Administrator Ulrich recommended that the Council vote on this item because it was removed from the Consent Agenda.

Motion by Councilmember Kuzma, seconded by Councilmember Menth, to Adopt Resolution #20-044 Accepting Feasibility Report for Amended 2020 Overlay Improvements, Improvement Project #20-02A.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau aye
Councilmember Riley aye
Councilmember Menth aye
Councilmember Heinrich aye
Councilmember Kuzma aye
Councilmember Specht aye
Councilmember Musgrove aye

Motion carried.

Mayor LeTourneau asked staff for direction on how the discussion could occur on the Item Councilmember Musgrove intended to remove from the Consent Agenda but has since been approved as part of the Consent Agenda as Item 5.04.

Councilmember Musgrove stated that she actually had a question about Item 5.05. She stated that she desired to speak to the fact that there was a surplus in the budget and believed that it would have been a good idea to allocate some of that funding towards roads. She recognized that the item has been approved and therefore that may not be a possibility at this time.

Mayor LeTourneau stated that it appears that Councilmember Musgrove is in acceptance that the item has been approved and would perhaps like to open up a policy discussion on how the funds could be allocated differently in the future.

Councilmember Musgrove stated that Ramsey continues to do a good job in budgeting, which results in a surplus of City funds that are allocated using the City's policy. She stated that she believes that this could be a good opportunity to include road funding in the allocation.

City Administrator Ulrich explained that the Consent Agenda was approved with a unanimous vote. He explained that a Councilmember could make a motion to rescind the approval of the Consent Agenda, if desired. He noted that this could be a good topic to discuss the fund allocation policy at a future worksession.

Mayor LeTourneau confirmed the consensus of the Council to keep the action as it was taken and move forward. It was confirmed that this will come forward to a future worksession for additional discussion.

8. MAYOR, COUNCIL AND STAFF INPUT

City Administrator Ulrich announced upcoming meetings and events.

Councilmember Specht thanked Matt Look, the volunteers, and the company that came together to distribute free hand sanitizer to the communities in this area.

Councilmember Musgrove stated that the Minnesota DNR eagle cam is up for residents with children home that may be looking for something to do at home.

9. ADJOURNMENT

Motion by Councilmember Menth, seconded by Councilmember Musgrove, to adjourn the meeting.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	absent (lost connection)
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Kuzma	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

The regular meeting of the City Council adjourned at 8:52 p.m.

Respectfully submitted,

_____
Kurtis G. Ulrich
City Administrator

ATTEST:

_____
Katie M. Schmidt
Administrative Assistant

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

A recording of this meeting is available for viewing online at www.qctv.org <http://www.qctv.org>. Recordings are available for 36 months after the date of the meeting.

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EMERGENCY SPECIAL CITY COUNCIL
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The Ramsey City Council conducted a special meeting on Monday, March 30, 2020, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota. Meeting by telephone or other electronic means in accordance with Minnesota Statute 13D.021.

Members Present: Mayor John LeTourneau
Councilmember Nadine Heinrich
Councilmember Mark Kuzma
Councilmember Jeff Menth
Councilmember Debra Musgrove
Councilmember Chris Riley
Councilmember Dan Specht

Members Absent: None

Also Present: City Administrator Kurtis Ulrich
Fire Chief Matt Kohner
Police Chief Jeff Katers
Public Works Superintendent Grant Riemer
Administrative Services Director Colleen Lasher
Deputy City Administrator Timothy Gladhill
City Attorney Joe Langel

1. CALL TO ORDER

Mayor LeTourneau called the special meeting of the Ramsey City Council to order at 7:00 p.m.

City Administrator Ulrich advised that this meeting is being conducted by telephonic means as noted, following Federal, State, and Local Declarations of Emergency. He provided information on how the public can join the meeting or provide comments in other ways.

2. CITIZEN INPUT

None.

3. APPROVE AGENDA

Motion by Councilmember Heinrich, seconded by Councilmember Kuzma, to approve the agenda as presented.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Kuzma	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

4. COUNCIL BUSINESS

4.01: Receive an Update Regarding COVID-19

Fire Chief Kohner reviewed the staff report and provided an update regarding COVID-19. He reported that as of today there have been 18,822 tests for COVID-19 in Minnesota, with 576 of those returned positive. He stated that 92 of those patients required hospitalization and ten patients have died. He noted that seven of the ten people that passed away lived in a nursing home or assisted living facility. He advised that there has been one confirmed case in Ramsey. He stated that 85 percent of those that tested positive experienced mild symptoms and did not require hospitalization. He reported that police and fire continue to serve the community, while implementing additional safety measures. He stated that the State continues efforts to locate additional personal protective equipment and hospital beds. He reported that the purpose of the Stay at Home Order issued by Governor Walz is to limit the spread of the disease from person to person and prevent the healthcare system from being overwhelmed. He asked residents to take the six feet social distancing standard seriously and stay at home.

City Administrator Ulrich provided an update on City staff activity, noting that essential employees remain onsite while other personnel have transitioned to working remotely. He stated that he has authorized continued closing of public and park facilities consistent with the County and School District through May 4, 2020. He reported that the City's local declaration of emergency runs through April 14th, and the City Council will consider whether to extend the local emergency at that time. He reported that an all staff meeting will be conducted electronically later in the week to address any questions as this moves forward. He stated that the Federal guidelines run through April 30th and the City will remain consistent with that.

Councilmember Riley asked if this is the appropriate time to discuss the positions the City considers essential.

City Administrator Ulrich confirmed that discussion would be a part of the next case.

Mayor LeTourneau expressed appreciation for the work being completed by Fire Chief Kohner and City staff.

4.02: Adopt #20-066 Approving Paid Administrative Leave during Executive Order #2020 – Stay at Home Order by Governor Walz

City Administrator Ulrich stated that at the time the case was developed, the City did not believe it would be able to place all employees into essential positions but has since reviewed the action of Anoka County and believes that the City can place all employees into functions that could be considered as critical functions and therefore no action is needed. He reviewed some of the parks and maintenance activities that can still occur and how social distancing can be implemented, along with additional cleaning activities. He stated that staff feels confident that each employee can remain employed pursuant to critical activities.

Public Works Superintendent Riemer provided additional details on the public works and parks staff activity that will begin the following day, including road patching and watermain flushing. He noted on rainy days, equipment can be cleaned and maintained.

Councilmember Menth asked for details on how social distancing can occur inside of the trucks.

Public Works Superintendent Riemer replied that normally there are three crew members inside the patching truck, but in order to accommodate social distancing there will be one crew member in the truck and the two additional members would follow in their own vehicles. He confirmed that the street sweeping truck is also manned by only one staff member with another following in the dump truck.

Councilmember Menth stated that he was at a home improvement store the previous day and people are not practicing social distancing. He hopes that the public works crew understands the need for social distancing.

Councilmember Heinrich stated that the case originally included 11 employees that would not have enough work, but it now seems that those employees will have 40 hours of work. She asked what that would entail as that is a large change from the previous case.

City Administrator Ulrich stated that originally the City took a fairly conservative approach in reviewing the Governor's Stay at Home Order in determining the work that could be completed. He stated that after reviewing the interpretation of other municipalities and entities, staff determined that additional work could be done during this two-week period. He noted that some of the park staff have been reassigned to street maintenance.

Public Works Superintendent Riemer explained that the parks department would normally be working on ballfield maintenance and reviewed some of the other spring work that would occur in the parks. He explained that those elements have been delayed and the only park activity at this time is trash collection in the parks. He explained that the 11 employees have been reassigned to the patching or street sweeping crews.

Councilmember Heinrich commented that she believes that this is a good time for the patching and street sweeping to occur, with less vehicles on the roads.

Councilmember Riley stated that he applauds the ideas that staff came up with to keep people employed and maintain the streets and parks the best that they can.

Councilmember Musgrove asked if both the full and part time employees from parks would be transitioned to street maintenance. She noted that this is proposed to run through April 14th and asked if after that time the Council would revisit the discussion on essential and non-essential workers.

Public Works Superintendent Riemer replied that the department does not yet have seasonal workers and therefore only full-time staff is included in the transition to street maintenance.

City Administrator Ulrich stated that the Governor's Executive Order runs through April 10th. He stated that the activity of the City would depend upon the action that takes place by the Governor when his Executive Order expires. He noted that if the Order is lifted, additional work could be completed by the City, but still following social distancing.

Councilmember Specht thanked City staff for being flexible on how they continue to work in these unique circumstances. He commended staff for their ideas to continue to work on the streets during this time.

5. MAYOR, COUNCIL AND STAFF INPUT

City Administrator Ulrich advised of the new guidelines for playgrounds from the League of Minnesota Cities. He stated that the decision has been left to local counties and cities as to whether or not to close playgrounds. He noted that the playgrounds could remain closed or could be opened with advisory signs posted advising residents to practice social distancing. He stated that if the playgrounds are to be closed, it would be enforced on a complaint driven basis. He stated that the playgrounds have not been taped off, but signs have been posted stating that the playgrounds are closed but the remainder of the park is open. He asked the Council for input on the topic.

Councilmember Heinrich stated that families and children are impacted by the pandemic in a unique way and need this outlet to connect with nature and the parks and trails in a new way. She stated that the City has great amenities and supports having the posting at the playgrounds.

Councilmember Specht agreed that it would be fair to post the information but not close the playgrounds and leave that choice to the residents to decide.

Councilmember Kuzma stated that if the virus becomes airborne it could be more difficult to manage and more serious. He stated that if the virus becomes airborne, he would believe that the playgrounds should be closed.

Fire Chief Kohner stated that this is a difficult decision. He stated that while he understands the positive element of offering the playground to residents, it is important to maintain six feet of separation. He explained that the virus is currently transferred person to person through coughing and sneezing. He noted that as children are crawling around on the playground

equipment, they are touching equipment used by previous visitors that could be carrying the virus without knowing. He stated that if the playgrounds are kept open, the risk information should be on the sign to alert residents that the equipment could be contaminated.

Mayor LeTourneau asked if there is any liability exposure.

City Attorney Langel replied that the City or hospital cannot guarantee that a person would not be exposed, as the virus spreads by people that are not even aware they are carrying the virus. He stated that the best the City could do is to strike a balance between getting the community outdoors versus creating a place that could spread infection.

Councilmember Musgrove stated that she has the feeling that this could be viewed as a double message, encouraging residents to get outdoors but to also maintain six feet of distance, which would be difficult on playground equipment. She asked what the signs would say.

City Administrator Ulrich provided input on the recommended language from the League of Minnesota Cities. He noted that City staff could work with the City Attorney to develop the exact language.

Public Works Superintendent Riemer stated that the current signs state that the playgrounds are closed but the other elements (trails, fields, and courts) are open.

Councilmember Musgrove stated that she likes the idea of keeping the signage in place, which allows people to have a greater amount of mobility but minimizing the risk.

Councilmember Menth asked if the playground equipment is currently open.

City Administrator Ulrich replied that the playgrounds are currently not open, and the discussion is whether to allow the playgrounds to open but place additional advisory signage or to keep the playgrounds closed.

Councilmember Menth stated that he would support opening the playground equipment with the advisory signage. He stated that would leave the choice to the resident and user.

Councilmember Specht stated that he would also agree to opening the parks and leaving the choice to the resident.

Councilmember Riley agreed that the playgrounds should be open with an advisory sign.

Councilmember Kuzma stated that he understands the opportunity for kids to play but his experience is that people do not read signs and he would rather stay on the safe side and keep the playgrounds closed.

Mayor LeTourneau commented that four members of the Council support opening the playgrounds with advisory signage. He stated that while he would prefer to keep the playgrounds closed, he can support opening the playgrounds with advisory signage. He asked

staff to watch the parks for activity level and social distancing and the Council can continue the discussion if problems arise or recommendations change.

Councilmember Heinrich stated that she agrees with Mayor LeTourneau that the issue should be monitored as this is a rapidly changing issue. She noted that staff can provide updates to the Council for additional discussion if necessary.

City Administrator Ulrich noted that the signs will be revised as directed and posted at the playgrounds.

Fire Chief Kohner provided details on the duty shifts being implemented by the Fire Department during this time. He stated that social distancing continues to be stressed with more people staying home. He provided details on the calls received, noting that two people can adequately respond to a medical call. He explained that when more firefighters are at home and able to respond to calls, that could increase the costs and would not maintain social distancing. He stated that instilling the temporary duty crew would provide social distancing and would almost be budget neutral, or a cost savings, depending on the number of firefighters that would otherwise respond during this time. He noted that the duty crew would also ensure prompt response to calls.

Councilmember Riley stated that it seems that this would make sense during this time. He asked if this would be a permanent decision to instill a duty crew.

Fire Chief Kohner replied that there have been discussions during strategic planning on the use of a duty crew. He stated that this has come into place sooner because of the COVID-19 circumstances and therefore this would be for the temporary situation. He stated that he has provided comparison information on the duty crew versus the 30 percent response rate, as well as comparisons of response times. He stated that he would like to see how the next two weeks play out and will then bring a comparison back to the Council to review.

City Administrator Ulrich commented that this is a great opportunity to test this method as a pilot during a time when it most makes sense.

Councilmember Menth stated that he likes this plan as it decreases the response time and implements social distancing. He stated that the situation continues to change rapidly, and this will allow the City to better respond.

Councilmember Kuzma stated that if the pilot project works, would the duty crew be a benefit to the residents moving forward from an insurance standpoint because of the reduced response times.

Fire Chief Kohner stated that the response times are a part of the ISO rating, but was unsure if the insurance rates of residents would change.

Councilmember Heinrich expressed appreciation to Fire Chief Kohner for bringing this idea forward and was hopeful that this would provide a cost savings and reduced response time.

City Administrator Ulrich stated that many cities are waiving utility bill penalties for late payment. He stated that currently Ramsey is not completing utility shutoffs. He asked for input on whether the City should continue to charge late payment fees or waive those late payment fees for the first quarter. He explained that often City utility bills are the last to be paid because the accounts are not reported to credit bureaus and assessed to property taxes if it remains unpaid. He stated that the City is preparing to bill for the first quarter and therefore wanted direction on whether or not to charge late payment fees.

Councilmember Musgrove stated that she agrees with waiving the late payment fees for the first and second quarter as this is not a typical time for people.

Mayor LeTourneau noted that the first quarter is almost completed and agreed that challenging times are still to come. He confirmed the consensus of the Council to waive the late payment for utility bills for the first and second quarter.

Councilmember Heinrich asked if there is a policy in place for staff that travels out of town or goes on vacation. She stated that Anoka County has a policy in place in which employees are required to self-quarantine in those situations for 14 days without working.

City Administrator Ulrich stated that the current policy requires anyone that goes on a cruise to serve a 14-day quarantine, consistent with the CDC recommendation. He stated that travel outside the state is not included in the policy at this time.

Administrative Services Director Lasher stated that the City will continue to follow that policy and will follow the Federal Coronavirus Families First law which is implemented on April 1st. She noted that any required quarantine would first use an employee's sick time.

City Administrator Ulrich stated that staff will review policies related to out of state travel and will determine how the City's policy would refer to that.

6. ADJOURNMENT

Motion by Councilmember Menth, seconded by Councilmember Heinrich, to adjourn the meeting.

A roll call vote was performed by the City Administrator:

Mayor LeTourneau	aye
Councilmember Riley	aye
Councilmember Menth	aye
Councilmember Heinrich	aye
Councilmember Kuzma	aye
Councilmember Specht	aye
Councilmember Musgrove	aye

Motion carried.

The special meeting of the City Council adjourned at 8:07 p.m.

Respectfully submitted,

_____
Kurtis G. Ulrich
City Administrator

ATTEST:

_____
Katie M. Schmidt
Administrative Assistant

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

A recording of this meeting is available for viewing online at www.qctv.org <http://www.qctv.org>. Recordings are available for 36 months after the date of the meeting.

CC Regular Session **5. 5.**

Meeting Date: 04/14/2020

By: JoAnn Shaw, Community Development

Information

Title

Approve Rental Licenses

Purpose/Background:

Purpose: The purpose of this case is to approve rental license requests for 2020.

Background: Detached Single-Family Homes and Attached Single-Family Homes (townhomes, duplexes, etc.) are required to obtain a license (registration), but are not subject to inspections (unless the City has sufficient evidence of a violation of City Code).

Multi-Family Units (apartments, condos, etc.) will continue to be subject to the license and inspection program as required today, but the inspection frequency will be reduced.

New license application requests are attached for Council approval.

Recommendation:

Staff recommends approval of license applications.

Action:

Motion to approve rental license applications.

Attachments

Rental Licenses

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	04/08/2020 05:09 PM
Form Started By: JoAnn Shaw		Started On: 03/25/2020 02:17 PM
Final Approval Date: 04/08/2020		

Report Name: License Report - License Types
Council Dates: 4/14/2020 to 4/14/2020
Status: Active, Inactive
License Type(s): Rental

City of Ramsey
License Report - License Types

Printed: 4/8/2020

Company	Location	Complex	Exp. Date	Council Date	Status
Rental					
Mai Wong	6854 139th La NW #7		4/14/2023	4/14/2020	A
Carrie Woolsey	15280 Fluorine St NW		4/14/2023	4/14/2020	A

Rental License Count: 2

Total Licenses: 2

CC Regular Session **5. 6.**

Meeting Date: 04/14/2020

Submitted For: Grant Riemer, Engineering/Public Works

By: Grant Riemer, Engineering/Public Works

Information

Title

Approve Authorization to Replace Sewage Pumps at Lift Station #6

Purpose/Background:

Purpose:
The purpose of this case is to request authorization to replace the sewage pumps, base elbows and force main pipe located within lift station # 6
Background:
On March 20th the impeller broke on one of the sewage pumps, causing it to malfunction and rendering it inoperable. Each lift station is equipped with 2 pumps that run alternately. This allows for increased longevity of the equipment and back up capabilities.

Notification:

NA

Observations/Alternatives:

The malfunctioning pump was replaced with a back-up pump that we keep on hand for emergencies such as this. The equipment in this lift station was scheduled for replacement in the 2021 Capital Improvement Plan (CIP). Due to the current situation staff recommends that the replacement take place as soon as possible. The new pumps quoted for replacement include an upgrade to a "chopper" style pump that can better handle all the flushable rags, that we are now encountering in our system. Though rags were not the cause of the malfunction, we do frequently have to perform additional maintenance on our lift stations to "derag" pumps. In addition to replacing the pumps the contractor will replace the base elbows, rail system and force main pipe in the lift station. To replace the base elbows, portions of the floor in the lift station have to be jack hammered out and the new elbows installed and the concrete re-poured.

Funding Source:

Utility Fund

Recommendation:

Staff recommends that the city accept WW. Goetsch"s bid of $39,612.00 to replace and install new pumps, base elbows, rail system and force main pipe at lift station # 6. This price does not include pump rental of $2,843.00 needed for bypass pumping of the lift station as it is being repaired.

Action:

Motion to accept WW. Goetsch"s bid of $39,612.00 to replace and install new pumps, base elbows and force main pipe at lift station # 6.

Attachments

FCCI Bid

WW Goetsch Bid

CIP Sheet for Lift Station # 6 Repairs

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	04/08/2020 05:16 PM
Form Started By: Grant Riemer		Started On: 04/07/2020 07:35 AM
Final Approval Date: 04/08/2020		

Ford Construction Co. Inc.
P.O. Box 667
Excelsior, MN 55331-0667

FCCI FORD Construction Co. Inc. General Contractor
Excavation • Utilities • Concrete

Cell 952-201-3416
Fax 952-470-9631
Email lrfcci@gmail.com

To: John Nelson
City of Ramsey, Ramsey, MN
JNelson@ci.ramsey.mn.us

Re: Lift Station #6

Dear Sir,

Ford Constrution Co. Inc. offers the following scope of work and price for the above referenced lift station:

Scope: Furnish and install 2- 10 hp Hydromatic pumps and bases in Station #6.
Remove and replace existing pump bases including stainless steel anchors.
Remove and replace existing guide rails with stainless steel guide rails.
Furnish and install intermediate and upper guide rail supports.
Disposal of the pump bases. City to retain pumps.
City to provide flow control while work is being performed.

Price: $41,863.00

Exclusions: bond, permits, painting, electrical, by-pass pumping

If you have any questions or further information is needed, please call at your earliest convenience.

Sincerely,

Lance R. Ford
President

WW GOETSCH
ASSOCIATES, INC.
800-831-7914

5250 WEST 74TH STREET
MINNEAPOLIS, MN 55439-2226
952-831-4340/FAX: 952-831-2357

7674 COLLEGE ROAD SUITE 105
BAXTER, MN 56425-7865
218-829-6890/FAX: 218-829-6972

MARCH 18, 2020

CITY OF RAMSEY, MN
ATTN: JOHN NELSON

SUBJECT: LIFT STATION #6 RENOVATION

WE RESPECTFULLY SUBMIT OUR QUOTATION FOR THE FOLLOWING EQUIPMENT AND SERVICES. WE PROPOSE TO REMOVE EXISTING 4" BASE DISCHARGE ELBOWS, RAIL SYSTEM AND PIPING, INSTALL NEW 4"BASE ELBOWS, NEW RAIL SYSTEM, STAINLESS STEEL GUIDE PIPE, AND 4" DISCHARGE PIPING UP TO THE 90 DEGREE ELBOW IN THE WETWELL, REMOVE EXISTING KSB 10 HP PUMPS AND INSTALL NEW HYDROMATIC 10 HP CHOPPER PUMPS DESIGNED TO HANDLE RAGS .

PROPOSAL TO INCLUDE;

2 - PENTAIR HYDROMATIC MODEL C4SXP SUBMERSIBLE CHOPPER PUMPS WITH 10 HP, 1750 RPM, 460/60/3 VOLT MOTORS, 75' POWER CORDS

2 - 4" DISCHARGE ELBOWS AND SEALING FLANGE ASSEMBLIES

2 - 4" DUCTILE IRON DISCHARGE PIPING, FITTINGS AS REQUIRED

4 - 2" STAINLESS STEEL GUIDE PIPE

2 - STAINLESS STEEL CABLE BRACKETS TO REROUTE PUMP POWER CORDS

1 - LOT OF GASKETS, STAINLESS STEEL HARDWARE, STAINLESS STEEL ANCHOR BOLTS

1 - LOT OF LABOR TO INSTALL ABOVE NOTED EQUIPMENT

TOTAL INSTALLED PRICE ……. $39,612.00

ADD TO ABOVE FOR RENTAL OF 6" DIESEL DRIVEN, TRAILER MOUNTED SELF-PRIMING PUMP, SUCTION & DISCHARGE HOSE, FLANGED FITTING TO MOUNT IN VALVE VAULT FOR BY-PASSING THE INLET TO THE LIFT STATION…$2843.

*WE HAVE NOT INCLUDED ANY ITEMS OR MATERIALS NOT MENTIONED ABOVE.

WE HAVE NOT INCLUDED ANY APPLICABLE TAXES.

PRICES ARE FIRM FOR 60 DAYS.

TERMS ARE NET 30 DAYS AFTER SHIPMENT.

INSTALLATION OF NEW BASE ELBOWS, PIPING, GUIDE PIPE PIPING AND PUMPS CAN PROCED IN APPROXIAMTELY 8 -10 WEEKS AFTER RECEIPT OF YOUR ORDER.

THANK YOU FOR THE OPPORTUNITY TO OFFER OUR EQUIPMENT AND SERVICES FOR YOUR CONSIDERATION.

SINCERELY,

BRYAN GOEHRING

Capital Improvement Program

2020 *thru* 2029

City of Ramsey, Minnesota

Project # 19-SEW-002

Project Name Replace Pumps at Lift Station #6

Department Sewer Utility
Contact
Type Improvement
Useful Life 15
Category Sewer Utility Improvement
Priority 1-Existing Obligation (High)
Status Active

Total Cost $40,000

Description

Replace both pumps at lift station #6 16230 Iodine Street

Justification

Replace both pumps and base elbows due to normal wear. By 2021, both pumps will need to be replaced to assure proper pumping and reliability

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Improvements Other than Building Cost		40,000									40,000
Total		**40,000**									**40,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Sewer Utility Fund		40,000									40,000
Total		**40,000**									**40,000**

CC Regular Session **5. 7.**

Meeting Date: 04/14/2020

By: Jackie Lipski, Finance

Information

Title

Adopt Resolution #20-067 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of March 19, 2020 through April 9, 2020

Purpose/Background:

Adopt Resolution #20-067 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of March 19, 2020 through April 9, 2020

Recommendation:

Staff Recommends to Adopt Resolution #20-067 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of March 19, 2020 through April 9, 2020.

Action:

Motion to Adopt Resolution #20-067 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of March 19, 2020 through April 9, 2020.

Attachments

Bills List 4/14/2020

Resolution 4/14/2020

Form Review

Inbox	Reviewed By	Date
Diana Lund	Diana Lund	04/09/2020 12:37 PM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:37 PM
Form Started By: Jackie Lipski		Started On: 04/09/2020 12:27 PM
Final Approval Date: 04/09/2020		

RAMSEY CITY COUNCIL MEETING

4/14/2020

BILLS LIST

DISBURSEMENTS TO BE APPROVED THIS MEETING:

DISBURSEMENT TYPE:	SUBMITTED FOR APPROVAL
Purchase Journal:	
Prepaids 3/19/2020-4/9/2020	402,430.39
Accounts Payable 3/19/2020-4/9/2020	308,257.39
Payroll 3/20/2020 and 4/3/2020	373,848.09

TOTAL SUBMITTED FOR APPROVAL THIS MEETING
(Invoices Available for Reviewal) **$ 1,084,535.87**

	APPROVED PREV. MTG	2020 Y.T.D.
DISBURSEMENTS PREVIOUSLY APPROVED AND PAID:		
NET PAYROLL TOTAL	$ 175,077.97	$ 909,425.69
- CORRECTION TO PAYROLL		
PREPAIDS	208,854.40	1,665,763.48
- PREPAID ADJUSTMENTS		
WIRE TRANSFERS FOR DEBT SERVICE		401,822.50
- CORRECTION TO D.S.		
ACCOUNTS PAYABLE INVOICING - PREVIOUS MEETING:		
- BILLS LIST SUBMITTED	159,332.63	1,702,436.01
ADD (DELETE) BILLS LIST SUBMITTED		
PAY ESTIMATE(S)		
- CHECKS VOIDED	0.00	0.00
TOTAL CASH DISBURSEMENTS PREVIOUSLY APPROVED	**$ 543,265.00**	**$ 4,679,447.68**

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description
110352	**3/19/2020**		**100297 CENTERPOINT ENERGY**						
		312.74	15050 ARMSTRONG BLVD		101038	5914352-9 FEB 2020	0220.6373		GAS
		585.81	5650 ALPINE DR NW		101039	5961540-1 FEB 2020	0220.6373		GAS
		216.06	6701 HIGHWAY 10		101040	6011580-5 FEB 2020	9410.6373	00041012	GAS
		2,870.04	7550 SUNWOOD DR NW		101041	6702493-5 FEB 2020	0194.6373		GAS
		3,984.65							
110353	**3/19/2020**		**100179 FIRE FIGHTERS RELIEF ASSN**						
		2,394.00	2019 BAL NOWTHEN CONTRIB,		101042	031620	9101.4327		SPECIAL FIRE PROTE
		2,394.00							
110354	**3/19/2020**		**117450 ROY, NICOLE**						
		50.00	REFUND FEES- INCOMPLETE APP		101043	030520	9101.4170		OTHER BUSINESS LI(
		100.00	REFUND FEES- INCOMPLETE APP		101043	030520	9101.4170		OTHER BUSINESS LI(
		150.00							
110384	**3/26/2020**		**100297 CENTERPOINT ENERGY**						
		73.05	14515 E TOWN CENTER		101061	8782239-1 FEB 2020	9601.6373		GAS
		772.17	MISC PW ACCOUNTS		101062	8000014064-2 FEB 2020	0311.6373		GAS
		527.75	MISC PW ACCOUNTS		101062	8000014064-2 FEB 2020	0452.6373		GAS
		257.39	MISC PW ACCOUNTS		101062	8000014064-2 FEB 2020	9601.6373		GAS
		257.39	MISC PW ACCOUNTS		101062	8000014064-2 FEB 2020	9602.6373		GAS
		257.38	MISC PW ACCOUNTS		101062	8000014064-2 FEB 2020	9605.6373		GAS
		2,145.13							
110385	**3/26/2020**		**115574 HEALTHPARTNERS**						
		58,919.00	APRIL 2020 HEALTH INS		101063	95980263	9101.2176		LIFE/HEALTH-EMPLO
		58,919.00							
110386	**3/26/2020**		**100351 NCPERS GROUP LIFE INS**						
		432.00	APRIL 2020 LIFE INS		101064	704800042020	9101.2170		DENTAL/DISABILITY/L
		432.00							
110387	**3/26/2020**		**117454 R AND J TOURS**						
		80.00	CANCEL AR ROOM 4/3/2020 DEP		101065	032420	9101.4304		RENTAL FEES - REAL
		80.00							
110388	**3/26/2020**		**117453 SOUTH TOWN REFRIGERATION AND MECHANICAL**						
		120.00	CANCEL-RENT/DAMAGE DEP		101066	032020	9101.4304		RENTAL FEES - REAL
		100.00	CANCEL-RENT/DAMAGE DEP		101066	032020	9804.1160		KEY & DAMAGE DEP(
		220.00							
110389	**3/26/2020**		**117364 ST LOUIS, ROBERT OR IRINA**						
		241.36	UB REF 14429 IODINE ST NW		101067	032620	9601.4651		WATER REVENUE
		241.36							

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description
110390	4/2/2020		115203 ALL AMERICAN TITLE CO INC						Contin
		264.49	UB REFUND 5911 142ND AVE		101184	042020	9601.4651		WATER REVENUE
		264.49							
110391	4/2/2020		115243 ARDEN TITLE LLC						
		225.65	UB REFUND 14633 OLIVINE TER		101185	040220	9601.4651		WATER REVENUE
		225.65							
110392	4/2/2020		100116 CONNEXUS ENERGY						
		9,949.62	STREET LIGHTS		101157	759126-303101 MAR 2020	9603.6371		ELECTRIC UTILITIES
		1,846.08	MISC CITY ACCTS		101158	759126-303107 MAR 2020	0220.6371		ELECTRIC UTILITIES
		5,423.56	MISC CITY ACCTS		101158	759126-303107 MAR 2020	0194.6371		ELECTRIC UTILITIES
		178.23	MISC CITY ACCTS		101158	759126-303107 MAR 2020	0194.6371		ELECTRIC UTILITIES
		73.06	MISC CITY ACCTS		101158	759126-303107 MAR 2020	9230.6249		MISCELLANEOUS OP
		4,715.14	MISC CITY ACCTS		101158	759126-303107 MAR 2020	9240.6371		ELECTRIC UTILITIES
		31.01	MISC CITY ACCTS		101158	759126-303107 MAR 2020	9410.6371	00041018	ELECTRIC UTILITIES
		613.11	MISC CITY ACCTS		101158	759126-303107 MAR 2020	9410.6371	00041012	ELECTRIC UTILITIES
		85.00	SIRENS		101159	759126-303095 MAR 2020	0250.6371		ELECTRIC UTILITIES
		906.10	TRAFFIC SIGNALS		101160	759126-303100 MAR 20	0260.6371		ELECTRIC UTILITIES
		530.88	MISC PW ACCTS		101161	759126-303106 MAR 2020	0311.6371		ELECTRIC UTILITIES
		1,108.82	MISC PW ACCTS		101161	759126-303106 MAR 2020	0452.6371		ELECTRIC UTILITIES
		176.96	MISC PW ACCTS		101161	759126-303106 MAR 2020	9601.6371		ELECTRIC UTILITIES
		176.96	MISC PW ACCTS		101161	759126-303106 MAR 2020	9602.6371		ELECTRIC UTILITIES
		176.96	MISC PW ACCTS		101161	759126-303106 MAR 2020	9605.6371		ELECTRIC UTILITIES
		6,551.99	WTR TWR/LIFT STAT/WELLS		101162	759126-303102 MAR 2020	9601.6371		ELECTRIC UTILITIES
		843.75	WTR TWR/LIFT STAT/WELLS		101162	759126-303102 MAR 2020	9602.6371		ELECTRIC UTILITIES
		33,387.23							
110393	4/2/2020		111330 CUSTOM HOME BUILDERS TITLE LLC						
		239.62	UB REFUND 5487 BUNKER LK BLVD		101186	040220	9601.4651		WATER REVENUE
		239.62							
110394	4/2/2020		110324 DEAN'S PROFESSIONAL PLUMBING						
		25.00	CANCEL MECH PERMIT RA040811		101155	033020	9101.4208		MECHANICAL PERMI
		1.00	CANCEL MECH PERMIT RA040811		101155	033020	9101.2081		SURCHARGES-PERM
		26.00							
110395	4/2/2020		106583 DELTA DENTAL PLAN OF MINNESOTA						
		3,661.15	DENTAL INS APRIL 2020		101156	RIS0002729579	9101.2170		DENTAL/DISABILITY/L

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description
110395	4/2/2020		106583 DELTA DENTAL PLAN OF MINNESOTA						Contin
		3,661.15							
110396	4/2/2020		117471 DICKSON, WILLIAM OR CONNIE						
		275.25	UB REFUND 4895 155TH LANE NW		101187	040220	9601.4651		WATER REVENUE
		275.25							
110397	4/2/2020		111356 EXECUTIVE TITLE OF MN						
		257.34	UB REFUND 15271 GERMANIUM ST		101191	040220	9601.4651		WATER REVENUE
		257.34							
110398	4/2/2020		117473 FTACEK, MICHAEL						
		52.66	UB REFUND 7441 152ND AVE NW		101188	040220	9601.4651		WATER REVENUE
		52.66							
110399	4/2/2020		117470 KHOUNNALA, VICHITH						
		438.39	UB REFUND 17071 GARNET ST		101189	040220	9601.4651		WATER REVENUE
		438.39							
110400	4/2/2020		113464 LAND TITLE						
		52.34	UB REFUND 15337 NOWTHEN BLVD		101190	040220	9601.4651		WATER REVENUE
		52.34							
110401	4/2/2020		100722 LATOUR VINYL						
		14.00	2 HELMET NAMES		101163	03132020	0220.6231		UNIFORMS & TURN-C
		14.00							
110402	4/2/2020		117259 LEGACY TITLE						
		369.47	UB REFUND 15441 YAKIMA ST		101193	040220	9601.4651		WATER REVENUE
		369.47							
110403	4/2/2020		117357 LEGACY TITLE						
		125.58	UB REFUND OLIVINE ST NW		101192	040220	9601.4651		WATER REVENUE
		125.58							
110404	4/2/2020		111513 MIDWEST PLAYSCAPES INC						
		1,387.00	SPIRAL CLIMBER		101164	8713	0452.6249		MISCELLANEOUS OP
		1,387.00							
110405	4/2/2020		117457 MILTON WYLIE, KATHLEEN						
		75.00	REFUND PERMIT 43286/43285		101165	032620	9101.4206		PLUMBING PERMIT
		75.00	REFUND PERMIT 43286/43285		101165	032620	9101.4208		MECHANICAL PERMI
		1.00	REFUND PERMIT 43286/43285		101165	032620	9101.2081		SURCHARGES-PERM
		1.00	REFUND PERMIT 43286/43285		101165	032620	9101.2081		SURCHARGES-PERM
		152.00							
110406	4/2/2020		100330 MN FIRE SRV CERTIFICATION BRD						
		360.00	EXAM- ROUSE/SUFKA/TJOSAAS		101166	7548	0220.6335		TRAINING
		360.00							
110407	4/2/2020		117472 PATHAK, BISHESH OR SHRISTI KC						
		332.45	UB REFUND 14640 HEMATITE ST		101194	040220	9601.4651		WATER REVENUE
		332.45							
110408	4/2/2020		115743 PILLAR TITLE SERVICES						
		389.93	UB REF 7375 E RAMSEY PKWY		101195	040220	9601.4651		WATER REVENUE

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description
110408	4/2/2020		115743 PILLAR TITLE SERVICES						Contin
		389.93							
110409	4/2/2020		117359 RESULTS TITLE						
		114.93	UB REFUND 14820 XKIMO ST NW		101196	040220	9601.4651		WATER REVENUE
		114.93							
110410	4/2/2020		117458 THE HOME DEPOT						
		50.00	CANCEL PERMIT RA042142		101168	033020	9101.4205		BUILDING PERMIT
		1.00	CANCEL PERMIT RA042142		101168	033020	9101.2081		SURCHARGES-PERM
		51.00							
110411	4/2/2020		116311 TRADEMARK TITLE SERVICES INC						
		26.17	UB REF 18031 URANIUM ST NW		101197	040220	9601.4651		WATER REVENUE
		26.17							
110412	4/2/2020		117469 WATERMARK TITLE AGENCY						
		239.40	UB REFUND 7369 146TH CROSSING		101198	040220	9601.4651		WATER REVENUE
		239.40							
1001110	3/20/2020		100510 VERIZON WIRELESS						
		70.41	FEB - MARCH 2020 SERVICES		101044	9850090076	0130.6323		CELLULAR PHONES
		70.41	FEB - MARCH 2020 SERVICES		101044	9850090076	0192.6321		TELEPHONE
		165.23	FEB - MARCH 2020 SERVICES		101044	9850090076	0191.6323		CELLULAR PHONES
		118.34	FEB - MARCH 2020 SERVICES		101044	9850090076	0194.6323		CELLULAR PHONES
		547.79	FEB - MARCH 2020 SERVICES		101044	9850090076	0220.6323		CELLULAR PHONES
		47.65	FEB - MARCH 2020 SERVICES		101044	9850090076	0240.6323		CELLULAR PHONES
		157.59	FEB - MARCH 2020 SERVICES		101044	9850090076	0301.6323		CELLULAR PHONES
		289.67	FEB - MARCH 2020 SERVICES		101044	9850090076	0311.6323		CELLULAR PHONES
		256.63	FEB - MARCH 2020 SERVICES		101044	9850090076	0452.6323		CELLULAR PHONES
		286.04	FEB - MARCH 2020 SERVICES		101044	9850090076	9601.6323		CELLULAR PHONES
		95.30	PD FEB-MAR 2020 SERVICE		101045	9849546637	0280.6323		CELLULAR PHONES
		1,242.96	PD FEB-MAR 2020 SERVICE		101045	9849546637	0211.6323		CELLULAR PHONES
		463.13	PD FEB-MAR 2020 SERVICE		101045	9849546637	0211.6415		OTHER EQUIPMENT I
		3,811.15							
1001111	3/24/2020		100257 LAW ENFORCEMENT LABOR SRV INC						
		806.00			100888	0305201049262	9101.2177		UNION DUES
		806.00			101052	0319201108572	9101.2177		UNION DUES
		1,612.00							
1001112	3/24/2020		100298 MN AFSCME COUNCIL 5						
		566.50			100889	0305201049263	9101.2177		UNION DUES
		566.28			101053	0319201108573	9101.2177		UNION DUES
		1,132.78							
1001151	3/27/2020		116114 AVESIS THIRD PARTY ADMINISTRATORS						
		173.94	APRIL 2020 VISION		101060	2493177	9101.2170		DENTAL/DISABILITY/L
		173.94							
1001152	4/3/2020		107978 PREMIER COMMERCIAL PROPERTIES INC						
		200.00	FEB 2020 HI WAY 10 MANAGEMENT		101167	6848	9410.6315	00041012	MISCELLANEOUS PR
		200.00	FEB 2020 HI WAY 10 MANAGEMENT		101167	6848	9410.6315	00041001	MISCELLANEOUS PR
		200.00	FEB 2020 HI WAY 10 MANAGEMENT		101167	6848	9410.6315	00041014	MISCELLANEOUS PR
		200.00	FEB 2020 HI WAY 10 MANAGEMENT		101167	6848	9410.6315	00041017	MISCELLANEOUS PR
		800.00							

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description
1001152	4/3/2020		107978 PREMIER COMMERCIAL PROPERTIES INC						Contin
1001153	4/3/2020		105706 TINKLENBERG GROUP INC						
		4,500.00	RETAINER APRIL 2020 (10 OF 12)		101169	2108	9400.6315		MISCELLANEOUS PR
		4,500.00							
90549883	3/20/2020		100398 PUBLIC EMPLOYEES RETIREMENT ASSN						
		82.73			100991	0317201138061	9101.2174		PERA-EMPLOYEE
		82.73			100992	0317201138062	9101.2183		PERA-EMPLOYER
		22,673.50			101054	0319201108574	9101.2174		PERA-EMPLOYEE
		30,478.55			101055	0319201108575	9101.2183		PERA-EMPLOYER
		53,317.51							
94826635	3/20/2020		101306 IRS						
		293.19			100987	0316201002232	9101.2171		FEDERAL WITHHOLD
		1,468.84			100988	0316201002233	9101.2173		FICA & MEDICARE-EM
		1,468.84			100989	0316201002234	9101.2182		FICA & MEDICARE-EM
		327.70			100994	0317201138064	9101.2171		FEDERAL WITHHOLD
		247.92			100995	0317201138065	9101.2173		FICA & MEDICARE-EM
		247.92			100996	0317201138066	9101.2182		FICA & MEDICARE-EM
		25,695.55			101057	0319201108577	9101.2171		FEDERAL WITHHOLD
		13,903.14			101058	0319201108578	9101.2173		FICA & MEDICARE-EM
		13,903.14			101059	0319201108579	9101.2182		FICA & MEDICARE-EM
		57,556.24							
95097760	3/20/2020		100601 MN DEPT OF REV WH						
		239.51			100986	0316201002231	9101.2172		STATE WITHHOLDING
		50.00			100993	0317201138063	9101.2172		STATE WITHHOLDING
		11,561.88			101056	0319201108576	9101.2172		STATE WITHHOLDING
		11,851.39							
98032020	3/20/2020		115568 ALERUS FINANCIAL NA						
		3,557.67			101051	03192011085714	9101.2176		LIFE/HEALTH-EMPLO
		3,557.67							
98432020	4/3/2020		115568 ALERUS FINANCIAL NA						
		3,692.69			101175	04022013430314	9101.2176		LIFE/HEALTH-EMPLO
		3,692.69							
99019254	3/20/2020		114790 GREAT WEST LIFE AND ANNUITY INS CO						
		9,047.01			101049	03192011085712	9101.2175		DEFERRED COMPEN
		9,047.01							
99021088	3/20/2020		114790 GREAT WEST LIFE AND ANNUITY INS CO						
		3,282.11			101050	03192011085713	9101.2176		LIFE/HEALTH-EMPLO
		3,282.11							
99032020	3/20/2020		107962 TOTAL ADMINISTRATIVE SERVICE CORP						
		1,778.51			101047	03192011085710	9101.2176		LIFE/HEALTH-EMPLO
		1,778.51							
99040320	4/3/2020		107962 TOTAL ADMINISTRATIVE SERVICE CORP						
		1,778.52			101171	04022013430310	9101.2176		LIFE/HEALTH-EMPLO
		1,778.52							
99203992	4/3/2020		101306 IRS						

CITY OF RAMSEY

Council Check Register by GL

Council Check Register and Summary

3/19/2020 -- 12/31/2020

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description
									Contin
99203992	4/3/2020		101306 IRS						
		24,310.65			101181	0402201343037	9101.2171		FEDERAL WITHHOLD
		13,340.85			101182	0402201343038	9101.2173		FICA & MEDICARE-EM
		13,340.85			101183	0402201343039	9101.2182		FICA & MEDICARE-EM
		50,992.35							
99240320	3/20/2020		114486 SUN LIFE ASSURANCE COMPANY OF CANADA						
		875.48			100884	03052010492611	9101.2176		LIFE/HEALTH-EMPLO
		875.02			101048	03192011085711	9101.2176		LIFE/HEALTH-EMPLO
		917.19			101048	03192011085711	9101.2170		DENTAL/DISABILITY/L
		2,667.69							
99304095	3/20/2020		100223 ICMA RETIREMENT TRUST 457						
		1,918.41			101046	0319201108571	9101.2175		DEFERRED COMPEN
		1,918.41							
99311616	4/3/2020		100223 ICMA RETIREMENT TRUST 457						
		1,918.41			101170	0402201343031	9101.2175		DEFERRED COMPEN
		1,918.41							
99551635	4/3/2020		100398 PUBLIC EMPLOYEES RETIREMENT ASSN						
		22,466.54			101178	0402201343034	9101.2174		PERA-EMPLOYEE
		30,179.41			101179	0402201343035	9101.2183		PERA-EMPLOYER
		52,645.95							
99643744	4/3/2020		100601 MN DEPT OF REV WH						
		11,005.05			101180	0402201343036	9101.2172		STATE WITHHOLDING
		11,005.05							
99981758	4/3/2020		114790 GREAT WEST LIFE AND ANNUITY INS CO						
		9,047.01			101173	04022013430312	9101.2175		DEFERRED COMPEN
		9,047.01							
99989042	4/3/2020		114790 GREAT WEST LIFE AND ANNUITY INS CO						
		3,335.81			101174	04022013430313	9101.2176		LIFE/HEALTH-EMPLO
		3,335.81							
		402,430.39	Grand Total						

Payment Instrument Totals

Checks	111,008.19
EFT Payments	279,392.33
A/P ACH Payment	12,029.87
Total Payments	402,430.39

CITY OF RAMSEY
Create Payment Control Groups

Payment Group Control Number	3022		
Bank Account	999.1010	CASH IN BANK	00002224
Version	LOGIS004V		
Originator	JLIPSKI		
Payment Instrument	Check Payment		
Pay Through Date	12/31/2020		

Payee Number	Payee Name / Mailing Address	Stub Message	Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount
100012	ACE SOLID WASTE INC	APR 2020 RECYCLE CONTRACT	PV	101210	001	09604	4/1/2020	5784416	26,440.85
				Summary Total					26,440.85
	ACE SOLID WASTE INC PO BOX 679859 DALLAS TX 75267-9859	PW MISC ACCTS	PV	101211	001	09101	4/1/2020	5784425	130.14
		PW MISC ACCTS	PV	101211	002	09101	4/1/2020	5784425	43.38
		PW MISC ACCTS	PV	101211	003	09101	4/1/2020	5784425	43.38
		PW MISC ACCTS	PV	101211	004	09101	4/1/2020	5784425	43.38
		PW MISC ACCTS	PV	101211	005	09101	4/1/2020	5784425	311.09
		PW MISC ACCTS	PV	101211	006	09101	4/1/2020	5784425	242.81
		PW MISC ACCTS	PV	101211	007	09101	4/1/2020	5784425	231.69
				Summary Total					1,045.87
		FIRE STATIONS APR 2020	PV	101261	001	09101	4/1/2020	5792730	113.10
				Summary Total					113.10
				Payment Amount					27,599.82
110367	ALPHA VIDEO AND AUDIO INC	CRESTON DIGITAL MEDIA	PV	101246	001	09234	3/25/2020	SYSINV27811DB	12,869.84
				Summary Total					12,869.84
	ALPHA VIDEO AND AUDIO INC 7690 GOLDEN TRIANGLE DRIVE EDEN PRAIRIE MN 55344								
				Payment Amount					12,869.84
100040	ANOKA COUNTY FIRE PROTECTION COUNCIL	PSDS ANN. COST ALLOT.	PV	101243	001	09101	3/30/2020	130	15,792.00
				Summary Total					15,792.00
	ANOKA COUNTY FIRE PROTECTION COUNCIL 1710 COUNTY HIGHWAY 10 SPRING LAKE PARK MN 55432								
				Payment Amount					15,792.00
100063	ASPEN MILLS	EC CLEAR BUDS	PV	101069	001	09101	3/10/2020	254034	19.90
				Summary Total					19.90
	ASPEN MILLS 8201 C CENTRAL AVE NE SPRING LAKE PARK MN 55432	K. MCNALLY PANTS	PV	101070	001	09101	3/10/2020	254033	191.85
				Summary Total					191.85
		K. BROTKOWSKI VEST	PV	101071	001	09101	3/13/2020	254231	219.00
				Summary Total					219.00
		N. MAK NAME TAG RESERVE	PV	101072	001	09101	3/13/2020	254230	8.85
				Summary Total					8.85

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Bank Account	999.1010	CASH IN BANK	00002224
Version	LOGIS004V		
Originator	JLIPSKI		
Payment Instrument	Check Payment		
Pay Through Date	12/31/2020		

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
		D SCHMIDT-EMBROIDERY	PV	101090	001	09101	3/11/2020	254141	18.85
				Summary Total					18.85
		K. HOYT CLUTCH BACK	PV	101262	001	09101	3/27/2020	254979	17.70
				Summary Total					17.70
				Payment Amount					476.15
116646	BASIC BENEFIT ADMINISTRATIVE SERVICES INT'L CO PO BOX 775339 CHICAGO IL 60677-5339	CUST #136823 FILING 2019	PV	101257	001	09101	4/6/2020	10-541186	382.50
				Summary Total					382.50
				Payment Amount					382.50
101084	BATTERIES PLUS BULBS BATTERIES PLUS BULBS 138 SOUTH DALE MABRY HWY TAMPA FL 33609	COMPUTER BATTERIES	PV	101248	001	09101	3/27/2020	P25502071	44.95
				Summary Total					44.95
				Payment Amount					44.95
100619	BRAUN INTERTEC CORPORATION BRAUN INTERTEC CORPORATION NW 7644 PO BOX 1450 MINNEAPOLIS MN 55485-7644	VARIOLITE ST RECON DRAIN TILE	PV	101127	001	09402	3/19/2020	B206246	2,140.00
				Summary Total					2,140.00
				Payment Amount					2,140.00
115654	CENTRAL TRUST BANK CENTRAL TRUST BANK P O BOX 726 JEFFERSON CITY MO 65102	SOFTWARE EPERMIT 4TH PYMT	PV	101263	001	09101	3/31/2020	05311529166	24,483.53
				Summary Total					24,483.53
				Payment Amount					24,483.53
110544	CORPORATE CONNECTION CORPORATE CONNECTION 22027 INDUSTRIAL BLVD SUITE 2	RESP MASKS N95	PV	101200	001	09101	4/2/2020	54153	154.95
				Summary Total					154.95
		HAND SANITIZER 2 OZ BOTTLES	PV	101213	001	09101	3/31/2020	54125	79.00

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Version	LOGIS004V		
Originator	JLIPSKI		
Payment Instrument	Check Payment		
Pay Through Date	12/31/2020		

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	ROGERS MN 55374						Summary Total		79.00
							Payment Amount		233.95
102769	COSTCO	2020/2021 RENEWAL MEMBERSHIP	PV	101073	001	09290	3/17/2020	031720	120.00
	COSTCO						Summary Total		120.00
							Payment Amount		120.00
112275	DESTINY SOFTWARE INC	INSTALL AGENDA QUICK ON SERVER	PV	101097	001	09101	3/25/2020	4382	750.00
	DESTINY SOFTWARE INC P O BOX 827 WOODINVILLE WA 98072						Summary Total		750.00
							Payment Amount		750.00
115887	DVS RENEWAL	TAB RENEWAL BXX-245	PV	101134	001	09290	3/26/2020	032620	44.25
	DVS RENEWAL PO BOX 64587 ST PAUL MN 55164-0587						Summary Total		44.25
							Payment Amount		44.25
100160	EH RENNER AND SONS INC	SEAL WELL 7167 HIWAY 10	PV	101135	001	09601	3/20/2020	1436	11,630.00
	EH RENNER AND SONS INC 15688 JARVIS STREET ELK RIVER MN 55330						Summary Total		11,630.00
							Payment Amount		11,630.00
100163	ELECTRIC SIGN AND LIGHTING INC	INSTALL LOT LIGHT AT FIRE 1	PV	101102	001	09101	3/23/2020	21118	92.34
	ELECTRIC SIGN AND LIGHTING INC 11328 ZANE AVENUE NORTH CHAMPLIN MN 55316-3462						Summary Total		92.34
							Payment Amount		92.34
104267	ELITE SANITATION	TOILET RENTAL MARCH 2020	PV	101202	001	09101	3/30/2020	26484	156.00
	ELITE SANITATION						Summary Total		156.00

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Originator	JLIPSKI		
Payment Instrument	Check Payment		
Pay Through Date	12/31/2020		

Payee Number	Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	PO BOX 526 ELK RIVER MN 55330								
				Payment Amount					156.00
100169	EMERGENCY APPARATUS MAINTENANCE INC	WORK ON 556	PV	101104	001	09101	3/6/2020	110233	1,049.46
				Summary Total					1,049.46
	EMERGENCY APPARATUS MAINTENANCE INC 7512 4TH AVENUE	REPAIR LADDER TRUCK	PV	101136	001	09101	3/19/2020	110915	1,451.29
	LINO LAKES MN 55014								
				Summary Total					1,451.29
		REPAIR LADDER TRUCK	PV	101154	001	09101	3/19/2020	110959	2,010.45
				Summary Total					2,010.45
				Payment Amount					4,511.20
115230	ESCAPE FIRE PROTECTION LLC	INSPEC. 6701 HWY 10	PV	101078	001	09410	3/11/2020	29973	405.00
				Summary Total					405.00
	ESCAPE FIRE PROTECTION LLC 3000 CENTERVILLE ROAD LITTLE CANADA MN 55117								
				Payment Amount					405.00
117455	ESCH CONSTRUCTION SUPPLY INC	UTILITY BLADES	PV	101138	001	09101	3/17/2020	620316	218.00
				Summary Total					218.00
	ESCH CONSTRUCTION SUPPLY INC 561 PHALEN BLVD ST PAUL MN 55130								
				Payment Amount					218.00
100143	FERGUSON WATERWORKS # 2516	RED/WHITE MARKERS	PV	101140	001	09601	3/26/2020	0451756	906.50
				Summary Total					906.50
	FERGUSON WATERWORKS 2516 P O BOX 802817	METER PARTS	PV	101221	001	09601	3/25/2020	0451540	3,546.38
	CHICAGO IL 60680-2817								
				Summary Total					3,546.38
		METER SUPPLIES	PV	101224	001	09601	3/26/2020	0451760	381.35
				Summary Total					381.35
		SOFTWARE/MAINT 2020	PV	101225	001	09601	3/25/2020	0451428	4,017.74
				Summary Total					4,017.74
				Payment Amount					8,851.97

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Originator	JLIPSKI		
Payment Instrument	Check Payment		
Pay Through Date	12/31/2020		

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount
110760	FIRE SAFETY USA, INC	BATTERIES- SURVIOR LIGHTS	PV	101105	001	09101	3/12/2020	132481	173.53
				Summary Total					173.53
	FIRE SAFETY USA, INC 3253 19TH STREET NW ROCHESTER MN 55901								
				Payment Amount					173.53
112564	GROUP HEALTH INC WORKSITE	MAR 2020 EAP SERVICE	PV	101249	001	09101	3/25/2020	W817094	92.00
				Summary Total					92.00
	GROUP HEALTH INC WORKSITE MAIL STOP # 21109A P O BOX 1309 MINNEAPOLIS MN 55440-1309								
				Payment Amount					92.00
115760	HENRY SCHEIN INC	GLOVES	PV	101079	001	09101	3/12/2020	75047274	270.00
				Summary Total					270.00
	HENRY SCHEIN INC DEPT CH 10241	FACE SHIELDS/SANITIZER	PV	101110	001	09101	3/9/2020	74776757	115.74
				Summary Total					115.74
	PALATINE IL 60055-0241	BLEACH/DISINFECT WIPES	PV	101141	001	09101	3/16/2020	75226089	38.84
				Summary Total					38.84
		COVID-19 SUPPLIES	PV	101268	001	09101	4/1/2020	75954576	285.31
				Summary Total					285.31
		COVID-19 SUPPLIES	PV	101269	001	09101	4/2/2020	75988969	89.40
				Summary Total					89.40
				Payment Amount					799.29
112160	HOLIDAY COMPANIES	PD WASHES FEB 2020	PV	101270	001	09101	4/1/2020	046801042000	39.00
				Summary Total					39.00
	HOLIDAY COMPANIES 4567 AMERICAN BLVD W BLOOMINGTON MN 55437								
				Payment Amount					39.00
117451	INKY ELF	BIZ EXPO GEL-GLIDE PENS	PV	101080	001	09230	3/17/2020	8126	520.00
				Summary Total					520.00
	INKY ELF P O BOX 819								

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Payee Number	Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	ANOKA MN 55303								
				Payment Amount					520.00
106324	INSPECTRON INC	MARCH 2020 SERVICES	PV	101234	001	09101	4/1/2020	040120	9,400.00
				Summary Total					9,400.00
	INSPECTRON INC CODE COMPLIANCE INSPECTIONS 15120 CHIPPENDALE AVE SUITE 202 ROSEMOUNT MN 55068								
				Payment Amount					9,400.00
100256	LANO EQUIPMENT INC	CHAIN SAW MISC/ MISC 671	PV	101142	001	09101	3/25/2020	02-739560	89.41
	LANO EQUIPMENT INC	CHAIN SAW MISC/ MISC 671	PV	101142	002	09101	3/25/2020	02-739560	89.41
				Summary Total					178.82
	6140 HIGHWAY 10 NW ANOKA MN 55303								
				Payment Amount					178.82
100259	LEAGUE OF MN CITIES INS TRUST	M. NIELSEN	PV	101251	001	09702	4/3/2020	15610	273.42
				Summary Total					273.42
	LEAGUE OF MN CITIES INS TRUST C/O BERKLEY RISK SERVICES INC P O BOX 581517 MINNEAPOLIS MN 55458-1517								
				Payment Amount					273.42
		BLOOD/BERGE	PV	101252	001	09702	4/1/2020	15733/15734	2,918.22
				Summary Total					2,918.22
				Payment Amount					2,918.22
100270	MACQUEEN EQUIPMENT INC	WORK ON TRACKLESS	PV	101081	001	09101	3/24/2020	W05995	3,779.83
	MACQUEEN EQUIPMENT INC	WORK ON TRACKLESS	PV	101081	002	09101	3/24/2020	W05995	708.75
				Summary Total					4,488.58
	1125 7TH STREET EAST ST PAUL MN 55106	LATCH	PV	101082	001	09605	3/23/2020	P26182	60.77
				Summary Total					60.77
		LATCH KIT	PV	101113	001	09605	3/19/2020	P26052	232.20
				Summary Total					232.20

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Payee Number	Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
				Payment Amount					4,781.55
108208	METRO PRODUCTS INC	GLOVES	PV	101083	001	09101	3/18/2020	150419	233.00
				Summary Total					233.00
	METRO PRODUCTS INC 7401 CENTRAL AVENUE NE	SHOP SUPPLIES	PV	101143	001	09101	3/24/2020	150552	18.88
	FRIDLEY MN 55432			Summary Total					18.88
				Payment Amount					251.88
100389	MN POST BOARD	8 PD MEMBERSHIPS	PV	101230	001	09101	3/30/2020	033020	720.00
	MN POST BOARD 1600 UNIVERSITY AVE SUITE 200 ST PAUL MN 55104-3825			Summary Total					720.00
				Payment Amount					720.00
100345	NAPA AUTO PARTS ELK RIVER	CORE DEPOSIT RETURN	PD	101144	001	09101	4/14/2020	054606	36.00-
				Summary Total					36.00-
	NAPA AUTO PARTS ELK RIVER 17137 YALE STREET NW	CORE DEPOSIT RETURN	PD	101145	001	09101	4/14/2020	053768	18.00-
	P O BOX 1041 ELK RIVER MN 55330			Summary Total					18.00-
		FILTERS FOR 671	PV	101146	001	09101	3/24/2020	055333	62.88
				Summary Total					62.88
		FILTERS FOR 663	PV	101147	001	09101	3/25/2020	055427	23.18
				Summary Total					23.18
		AIR FILTER 673	PV	101148	001	09101	3/26/2020	055608	51.67
				Summary Total					51.67
		MISC FILTERS	PV	101149	001	09101	3/24/2020	055265	169.29
				Summary Total					169.29
		MIRROR/CLEANER/TOWELS	PV	101272	001	09101	3/31/2020	056269	48.65
				Summary Total					48.65
				Payment Amount					301.67
115167	NET TRANSCRIPTS INC	MAR 2020 TRANSCRIPTION	PV	101150	001	09101	3/15/2020	0030935	147.04
	NET TRANSCRIPTS INC 3707 N. 7TH STREET SUITE 320 PHOENIX AZ 85014			Summary Total					147.04
				Payment Amount					

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Payment Instrument	Check Payment		
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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
									147.04
100360	NORTH STAR TOWING INC	MARCH 2020 TOWS	PV	101273	001	09101	4/1/2020	040120	546.00
	NORTH STAR TOWING INC	MARCH 2020 TOWS	PV	101273	002	09101	4/1/2020	040120	420.00
	833 NORTH STREET ANOKA MN 55303				Summary Total				966.00
					Payment Amount				966.00
117474	OERTEL ARCHITECTS LTD	PW CAMPUS	PV	101247	001	09412	4/2/2020	20-08.1	6,759.75
	OERTEL ARCHITECTS LTD 1795 ST CLAIR AVENUE ST PAUL MN 55105				Summary Total				6,759.75
					Payment Amount				6,759.75
112959	PREMIUM WATERS INC	FD BOTTLED WATER	PV	101254	001	09101	3/31/2020	317456435	86.84
	PREMIUM WATERS INC P O BOX 9128	FD BOTTLED WATER			Summary Total				86.84
	MINNEAPOLIS MN 55480-9128		PV	101255	001	09101	3/31/2020	317437373	38.19
					Summary Total				38.19
					Payment Amount				125.03
100418	RDO EQUIPMENT CO	FLOOD LAMP	PV	101256	001	09101	4/7/2020	P1993414	106.66
	RDO TRUST 80-5800 P O BOX 7160 FARGO ND 58106-7160				Summary Total				106.66
					Payment Amount				106.66
117456	SAFARILAND LLC	TRANSPORT HOODS	PV	101151	001	09101	3/19/2020	I010-276803	375.54
	SAFARILAND LLC 13386 INTERNATIONAL PARKWAY JACKSONVILLE FL 32218				Summary Total				375.54
					Payment Amount				375.54
100431	SAFETY KLEEN CORPORATION	RECYCLE PARTS WASHER FLUID	PV	101275	001	09101	4/4/2020	CN10712548	110.97
	SAFETY KLEEN CORPORATION PO BOX 382066				Summary Total				110.97

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Payment Instrument	Check Payment		
Pay Through Date	12/31/2020		

Payee Number	Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	PITTSBURGH PA 15250-8066								
								Payment Amount	110.97
106898	STERICYCLE INC	PD SHREDDING	PV	101088	001	09101	3/15/2020	8129430940	77.55
	STERICYCLE INC 13975 POLO TRAIL DR SUITE 201 LAKE FOREST IL 60045							Summary Total	77.55
								Payment Amount	77.55
114151	TASC (FEES)	MAR 2020 HRA/FSA FEES	PV	101250	001	09101	3/31/2020	IN1744030	370.50
	TASC CLIENT INVOICES P O BOX 88278 MILWAUKEE WI 53288-0001							Summary Total	370.50
								Payment Amount	370.50
100529	WENDELL'S INC	L. MOORE SIGN	PV	101126	001	09101	3/16/2020	2467612	6.45
	WENDELL'S INC 6601 BUNKER LAKE BLVD PO BOX 458 RAMSEY MN 55303-0458							Summary Total	6.45
								Payment Amount	6.45
								Total Amount to be Processed	140,296.37
								Total Number of Payments to be Processed	42

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Payee Number	Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
100011	ACE SALES	BIZ EXPO SPORTS BAGS (500)	PV	101209	001	09230	4/2/2020	2824	924.50
							Summary Total		924.50
	ACE SALES 17555 UNICORN STREET NW RAMSEY MN 55303								
							Payment Amount		924.50
100017	AIRGAS USA, LLC	MISC GASES	PV	101253	001	09101	3/31/2020	9969329329	32.12
							Summary Total		32.12
	AIRGAS USA LLC P O BOX 802576 CHICAGO IL 60680-2576								
							Payment Amount		32.12
100625	ALEX AIR APPARATUS INC	WORK ON COMPRESSOR ST3	PV	101130	001	09101	3/20/2020	2602	822.87
							Summary Total		822.87
	ALEX AIR APPARATUS INC 11897 COUNTY ROAD 87 SE ALEXANDRIA MN 56308	WORK ON COMPRESSOR ST1	PV	101131	001	09101	3/18/2020	2595	764.20
							Summary Total		764.20
		WORK ON COMPRESSOR ST2	PV	101132	001	09101	3/18/2020	2596	764.20
							Summary Total		764.20
							Payment Amount		2,351.27
106641	AMERICAN PRESSURE INC	ROLLER BRACKETS	PV	101068	001	09101	3/18/2020	113350	90.83
							Summary Total		90.83
	AMERICAN PRESSURE INC 3810 W BROADWAY ROBBINSDALE MN 55422								
							Payment Amount		90.83
113508	APPRIZE TECHNOLOGY SOLUTIONS	ADMIN ENROLL	PV	101258	001	09101	4/1/2020	19817	360.00
							Summary Total		360.00
	APPRIZE TECHNOLOGY SOLUTIONS 10405 6TH AVENUE NORTH SUITE 100 PLYMOUTH MN 55441								
							Payment Amount		360.00
100647	BOLTON AND MENK INC	RAM 2040 SEWER/WATER	PV	101091	001	09601	3/20/2020	0247829	232.50

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Payee Number	Name / Mailing Address	Stub Message	Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount
		PLAN							
	BOLTON AND MENK INC	RAM 2040 SEWER/WATER PLAN	PV	101091	002	09601	3/20/2020	0247829	232.50
				Summary Total					465.00
	1960 PREMIER DRIVE MANKATO MN 56001-5900								
				Payment Amount					465.00
116845	CADY BUSINESS TECHNOLOGIES INC	2020-2021 GOLD SUPPORT	PV	101092	001	09101	3/17/2020	38018	6,040.56
				Summary Total					6,040.56
	CADY BUSINESS TECHNOLOGIES INC 3030 HARBOR LANE SUITE 104 PLYMOUTH MN 55447								
				Payment Amount					6,040.56
116197	CINTAS CORPORATION	FIRE DEPT- MATS	PV	101093	001	09101	3/18/2020	4045696645	13.20
				Summary Total					13.20
	CINTAS CORPORATION CINTAS LOC #4K P O BOX 650838 DALLAS TX 75265-0838	UNIFORM CLEANING	PV	101094	001	09101	3/18/2020	4045696762	28.00
		UNIFORM CLEANING	PV	101094	002	09101	3/18/2020	4045696762	4.00
		UNIFORM CLEANING	PV	101094	003	09101	3/18/2020	4045696762	31.29
		UNIFORM CLEANING	PV	101094	004	09101	3/18/2020	4045696762	31.29
				Summary Total					94.58
		UNIFORM CLEANING	PV	101133	001	09101	3/25/2020	4046325597	28.00
		UNIFORM CLEANING	PV	101133	002	09101	3/25/2020	4046325597	4.00
		UNIFORM CLEANING	PV	101133	003	09101	3/25/2020	4046325597	24.36
		UNIFORM CLEANING	PV	101133	004	09101	3/25/2020	4046325597	24.36
				Summary Total					80.72
		UNIFORM CLEANING	PV	101212	001	09101	4/1/2020	4046957015	28.00
		UNIFORM CLEANING	PV	101212	002	09101	4/1/2020	4046957015	4.00
		UNIFORM CLEANING	PV	101212	003	09101	4/1/2020	4046957015	20.19
		UNIFORM CLEANING	PV	101212	004	09101	4/1/2020	4046957015	20.19
				Summary Total					72.38
		UNIFORM CLEANING	PV	101264	001	09101	4/8/2020	4047534383	28.00
		UNIFORM CLEANING	PV	101264	002	09101	4/8/2020	4047534383	4.00
		UNIFORM CLEANING	PV	101264	003	09101	4/8/2020	4047534383	21.36
		UNIFORM CLEANING	PV	101264	004	09101	4/8/2020	4047534383	21.36
				Summary Total					74.72
				Payment Amount					335.60
100120	CONTINENTAL RESEARCH CORP	MULTI GUARD	PV	101095	001	09101	3/17/2020	0012478	186.00

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Originator JLIPSKI
Payment Instrument T A/P ACH Payment
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Payee Number	Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	CONTINENTAL RESEARCH CORP PO BOX 15204 ST LOUIS MO 63110			Summary Total					186.00
				Payment Amount					186.00
100125	COUNTRYSIDE PRINTING INC	BUILDING BUSINESS CARDS	PV	101214	001	09101	3/23/2020	36239	118.00
	COUNTRYSIDE PRINTING 6250 BUNKER LAKE BLVD NW SUITE 113 RAMSEY MN 55303			Summary Total					118.00
				Payment Amount					118.00
111818	DEANO'S COLLISION SPECIALISTS INC	WORK ON 367	PV	101074	001	09101	3/19/2020	55841	190.24
	DEANO'S COLLISION SPECIALISTS INC	WORK ON 367	PV	101074	002	09101	3/19/2020	55841	84.00
	11063 173RD AVENUE ELK RIVER MN 55330			Summary Total					274.24
				Payment Amount					274.24
113306	DEFINITIVE TECHNOLOGY SOLUTIONS INC	MAR 2020 CONTRACT	PV	101129	001	09101	3/22/2020	INV199621	790.56
	DEFINITIVE TECHNOLOGY SOLUTIONS INC 9401 JAMES AVENUE SOUTH SUITE 120 BLOOMINGTON MN 55431			Summary Total					790.56
				Payment Amount					790.56
100144	DEHN OIL COMPANY	DIESEL FUEL	PV	101096	001	09101	3/18/2020	68151	1,553.18
	DEHN OIL COMPANY 6735 141ST AVENUE NW RAMSEY MN 55303			Summary Total					1,553.18
				Payment Amount					1,553.18
116175	ECKBERG LAMMERS ATTORNEYS AT LAW	MARCH 2020 SERVICES	PV	101215	001	09101	3/31/2020	03 2020	6,085.30
	ECKBERG LAMMERS ATTORNEYS AT LAW 1809 NORTHWESTERN AVENUE STILLWATER MN 55082			Summary Total					6,085.30

Payment Group Control Number 3023
Bank Account 999.1010 CASH IN BANK 00002224
Version LOGIS004V
Originator JLIPSKI
Payment Instrument T A/P ACH Payment
Pay Through Date 12/31/2020

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
				Payment Amount					6,085.30
100158	ECM PUBLISHERS INC	AD EMPLOYMENT FOR CITY	PV	101075	001	09101	3/22/2020	766025	186.00
				Summary Total					186.00
	ECM PUBLISHERS INC 4095 COON RAPIDS BLVD COON RAPIDS MN 55433	PRO. NEW HORIZON	PV	101076	001	09804	3/13/2020	764383	75.25
				Summary Total					75.25
		PRO. ROB HARDY	PV	101077	001	09804	3/13/2020	764384	75.25
				Summary Total					75.25
		PROJECT 19-147	PV	101098	001	09804	3/20/2020	765708	75.25
				Summary Total					75.25
		PRO NORTHFORK ME	PV	101099	001	09804	3/20/2020	765707	69.88
				Summary Total					69.88
		PRO. ST CLAIR VAR	PV	101100	001	09804	3/20/2020	765706	107.50
				Summary Total					107.50
		PROJECT 20-103	PV	101101	001	09804	3/20/2020	765709	220.38
				Summary Total					220.38
		PRO PUMA STREET	PV	101128	001	09437	3/20/2020	765705	182.75
				Summary Total					182.75
		ORD 20-03	PV	101201	001	09101	3/27/2020	766862	53.75
				Summary Total					53.75
		SWPPP MEETING NOTICE	PV	101216	001	09605	3/20/2020	765704	150.50
				Summary Total					150.50
		PROJ. 20-103 CANCEL	PV	101217	001	09804	3/27/2020	766864	43.00
				Summary Total					43.00
		PROJ. 19-147 CANCEL	PV	101218	001	09804	3/27/2020	766865	32.25
				Summary Total					32.25
		PROJ 20-104 CANCEL	PV	101219	001	09804	3/27/2020	766863	37.63
				Summary Total					37.63
		RFP FORD BROOK PARK	PV	101265	001	09101	4/3/2020	768068	96.75
				Summary Total					96.75
				Payment Amount					1,406.14
100163	ELECTRIC SIGN AND LIGHTING INC	PARKING RAMP LIGHTING REPAIR	PV	101203	001	09240	3/31/2020	21124	646.08
				Summary Total					646.08
	ELECTRIC SIGN AND LIGHTING INC 11328 ZANE AVENUE NORTH								

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Payee Number	Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	CHAMPLIN MN 55316-3462								
								Payment Amount	646.08
114680	ELECTRICAL PRODUCTION SERVICES INC	ADD CABLES TO CONF AUDIO	PV	101204	001	09234	3/30/2020	18111	490.00
	ELECTRICAL PRODUCTION SERVICES INC							Summary Total	490.00
	2431 GALPIN COURT SUITE 140	ITASCA CONF ROOM AUDIO	PV	101222	001	09234	3/26/2020	18108	2,800.00
	CHANHASSEN MN 55317							Summary Total	2,800.00
		WORK ON CCTV ISSUES	PV	101223	001	09240	3/26/2020	5414	1,062.50
		WORK ON CCTV ISSUES	PV	101223	002	09240	3/26/2020	5414	170.00
		WORK ON CCTV ISSUES	PV	101223	003	09240	3/26/2020	5414	85.00
								Summary Total	1,317.50
								Payment Amount	4,607.50
113651	ELECTRO WATCHMAN INC	REPAIR JAIL DOOR CARD READER	PV	101103	001	09101	3/18/2020	345217	352.50
	ELECTRO WATCHMAN INC							Summary Total	352.50
	ONE W WATER STREET SUITE 110	SOFTWARE THRU 1/31/2021	PV	101220	001	09101	3/27/2020	345388	329.99
	ST PAUL MN 55107							Summary Total	329.99
								Payment Amount	682.49
113991	EMERGENCY RESPONSE SOLUTIONS	TURN OUT FIRE PANTS RENTAL	PV	101205	001	09101	3/30/2020	14967	173.90
	EMERGENCY RESPONSE SOLUTIONS 4817 VIKING BLVD SUITE 102 EAST BETHEL MN 55092							Summary Total	173.90
								Payment Amount	173.90
113321	FACTORY MOTOR PARTS CO	AIR CLEANER 601	PV	101266	001	09101	4/3/2020	6-1560375	50.00
	FACTORY MOTOR PARTS CO BIN 139107 P O BOX 9107 MINNEAPOLIS MN 55480-9107							Summary Total	50.00
								Payment Amount	50.00

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107099	FASTENAL	MISC PARTS	PV	101139	001	09101	3/24/2020	MNTC8185398	4.58
	FASTENAL COMPANY P O BOX 1286 WINONA MN 55987				Summary Total				4.58
					Payment Amount				4.58
100200	GOPHER STATE ONE CALL INC	MAR 2020 86 TICKETS	PV	101237	001	09601	3/31/2020	0030685	38.70
	GOPHER STATE ONE CALL 7223 PARKWAY DRIVE SUITE 210	MAR 2020 86 TICKETS	PV	101237	002	09601	3/31/2020	0030685	38.70
		MAR 2020 86 TICKETS	PV	101237	003	09601	3/31/2020	0030685	38.70
	HANOVER MD 21076-1317				Summary Total				116.10
					Payment Amount				116.10
100204	GRAFIX SHOPPE	GRAPHICS 2020 POLARIS	PV	101267	001	09101	4/3/2020	133335	252.32
	GRAFIX SHOPPE 3240 MIKE COLLINS DRIVE EAGAN MN 55121				Summary Total				252.32
					Payment Amount				252.32
100650	GRAINGER	EAR PLUGS/ EAR MUFFS	PV	101106	001	09101	3/20/2020	9481003458	88.80
	GRAINGER INC DEPT. 806511127 PALATINE IL 60038-0001	EAR PLUGS/ EAR MUFFS	PV	101106	002	09101	3/20/2020	9481003458	88.80
					Summary Total				177.60
		MISC SUPPLIES	PV	101107	001	09101	3/18/2020	9477839402	121.32
					Summary Total				121.32
		FILTER/VAC BAGS	PV	101259	001	09101	4/7/2020	9497613530	66.28
					Summary Total				66.28
					Payment Amount				365.20
100209	HAKANSON ANDERSON ASSOC INC	SURVEY-HAUSER ADDITION	PV	101226	001	09230	3/27/2020	43667	3,840.00
	HAKANSON ANDERSON ASSOC INC 3601 THURSTON AVENUE ANOKA MN 55303-1063				Summary Total				3,840.00
					Payment Amount				3,840.00
100211	HAWKINS INC	CHEMICALS	PV	101108	001	09601	3/20/2020	4684106	3,304.62

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	HAWKINS INC					Summary Total			3,304.62
	P O BOX 860263	EJECTOR	PV	101109	001	09601	3/20/2020	4684110	1,294.50
	MINNEAPOLIS MN 55486-0263					Summary Total			1,294.50
						Payment Amount			4,599.12
112475	INNOVATIVE OFFICE SOLUTIONS	MISC OFFICE SUPPLIES	PV	101111	001	09101	3/20/2020	IN2928297	57.48
	INNOVATIVE OFFICE SOLUTIONS					Summary Total			57.48
	P O BOX 860627	MISC OFFICE SUPPLIES	PV	101112	001	09101	3/19/2020	IN2927304	24.96
	MINNEAPOLIS MN 55486-0001	MISC OFFICE SUPPLIES	PV	101112	002	09101	3/19/2020	IN2927304	33.91
		MISC OFFICE SUPPLIES	PV	101112	003	09101	3/19/2020	IN2927304	75.52
		MISC OFFICE SUPPLIES	PV	101112	004	09101	3/19/2020	IN2927304	233.10
						Summary Total			367.49
						Payment Amount			424.97
115007	ITERIS, INC	CLEAR PATH MARCH 2020	PV	101228	001	09101	3/31/2020	121173	400.00
	ITERIS, INC					Summary Total			400.00
	P O BOX 842123								
	LOS ANGELES CA 90084-2123					Payment Amount			400.00
100266	LOGIS	SERVER PROJ 3/21/2020	PV	101238	001	09101	3/31/2020	48547	281.25
	LOCAL GOVERNMENT INFORMATION SYSTEMS ASS					Summary Total			281.25
	5750 DULUTH STREET	APRIL 2020 SERVICES	PV	101239	001	09101	4/1/2020	48575	17,261.00
	GOLDEN VALLEY MN 55422-4036					Summary Total			17,261.00
		MS RENEW 3 YR	PV	101240	001	09101	3/31/2020	48630	10,735.66
		MS RENEW 3 YR	PV	101240	002	09101	3/31/2020	48630	315.00
		MS RENEW 3 YR	PV	101240	003	09101	3/31/2020	48630	123.54
						Summary Total			11,174.20
						Payment Amount			28,716.45
113658	MARCO	APR 2020 SERVICE	PV	101241	001	09101	4/1/2020	INV7484401	60.00
	MARCO					Summary Total			60.00
	NW 7128 PO BOX 1450								
	MINNEAPOLIS MN 55485-7128					Payment Amount			60.00

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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
108129	MCDOWALL COMFORT MANAGEMENT	PUMP REPAIR	PV	101114	001	09101	3/18/2020	625285	558.14
	MCDOWALL COMFORT MANAGEMENT P O BOX 746 WAITE PARK MN 56387						Summary Total		558.14
							Payment Amount		558.14
100283	MENARDS COON RAPIDS	MISC SUPPLIES	PV	101116	001	09101	3/11/2020	22717	147.72
	MENARDS COON RAPIDS						Summary Total		147.72
	3045 MAIN STREET	MISC SUPPLIES	PV	101242	001	09101	3/31/2020	24102	97.72
	COON RAPIDS MN 55433						Summary Total		97.72
							Payment Amount		245.44
100284	MENARDS ELK RIVER	MISC SUPPLIES	PV	101115	001	09601	3/18/2020	7090	55.50
	MENARDS ELK RIVER						Summary Total		55.50
	19521 EVANS STREET NW	MISC SUPPLIES	PV	101117	001	09601	3/17/2020	6981	198.82
	ELK RIVER MN 55330-1077						Summary Total		198.82
		MISC SUPPLIES	PV	101229	001	09601	3/25/2020	7538	243.52
							Summary Total		243.52
							Payment Amount		497.84
100285	MET COUNCIL ENVIRONMENTAL SRV	WASTE WATER MAY 2020	PV	101271	001	09602	4/6/2020	0001108412	71,133.24
	MET COUNCIL ENVIRONMENTAL SRV P O BOX 856513 MINNEAPOLIS MN 55485-6513						Summary Total		71,133.24
							Payment Amount		71,133.24
100289	METRO SALES INC	CONTRACT JAN/MAR 2020	PV	101236	001	09101	4/2/2020	INV1570857	267.69
	METRO SALES INC	CONTRACT JAN/MAR 2020	PV	101236	002	09101	4/2/2020	INV1570857	1,946.59
	1620 EAST 78TH STEET MINNEAPOLIS MN 55423						Summary Total		2,214.28
							Payment Amount		2,214.28
115375	MUTT MITT	REFILL MUTT MITTS	PV	101084	001	09101	3/18/2020	329125	1,265.26

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Payee Number	Name / Mailing Address	Stub Message	Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	MUTT MITT 12316 WORLD TRADE DRIVE SUITE 102 SAN DIEGO CA 92128					Summary Total			1,265.26
						Payment Amount			1,265.26
114239	NORTH AMERICAN SAFETY	SAFETY GLASSES/TOWELETTES	PV	101085	001	09101	3/24/2020	INV50159	29.36
	NORTH AMERICAN SAFETY					Summary Total			29.36
	326 S. ASH STREET	SAFETY VESTS	PV	101231	001	09101	3/30/2020	INV50259	505.25
	BELLE PLAINE MN 56011	SAFETY VESTS	PV	101231	002	09101	3/30/2020	INV50259	505.25
						Summary Total			1,010.50
						Payment Amount			1,039.86
100363	NORTHERN SANITARY SUPPLY CO	MISC SUPPLIES	PV	101119	001	09101	3/19/2020	198331	136.61
	NORTHERN SANITARY SUPPLY CO					Summary Total			136.61
	341 COON RAPIDS BLVD	HAND SOAP	PV	101232	001	09101	3/27/2020	198441	50.50
	MINNEAPOLIS MN 55433					Summary Total			50.50
		MISC SUPPLIES	PV	101235	001	09101	4/1/2020	198468	100.44
						Summary Total			100.44
		MISC SUPPLIES	PV	101245	001	09101	4/3/2020	198490	113.32
						Summary Total			113.32
						Payment Amount			400.87
110480	OPUS 21 MANAGEMENT SOLUTIONS	FEBRUARY 2020 SERVICES	PV	101120	001	09601	3/15/2020	200257	115.85
	OPUS 21 MANAGEMENT SOLUTIONS	FEBRUARY 2020 SERVICES	PV	101120	002	09601	3/15/2020	200257	115.85
	680 COMMERCE DRIVE SUITE 160	FEBRUARY 2020 SERVICES	PV	101120	003	09601	3/15/2020	200257	115.85
	WOODBURY MN 55125	FEBRUARY 2020 SERVICES	PV	101120	004	09601	3/15/2020	200257	115.85
		FEBRUARY 2020 SERVICES	PV	101120	005	09601	3/15/2020	200257	115.81
						Summary Total			579.21
						Payment Amount			579.21
112421	PERRILL	ROWAY WEB APRIL 2020	PV	101206	001	09101	4/1/2020	251024	200.00
	PERRIL					Summary Total			200.00

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Payment Instrument	T	A/P ACH Payment	
Pay Through Date	12/31/2020		

Payee Number	Name / Mailing Address	Stub Message	Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	110 CHESHIRE LANE SUITE 105 MINNETONKA MN 55305								
				Payment Amount					200.00
111488	POPP.COM INC	MARCH 2020 SERVICE	PV	101274	001	09101	3/31/2020	992607974	93.98
	POPP.COM INC	MARCH 2020 SERVICE	PV	101274	002	09101	3/31/2020	992607974	41.77
	620 MENDELSSOHN AVE NO SUITE 101	MARCH 2020 SERVICE	PV	101274	003	09101	3/31/2020	992607974	52.21
	GOLDEN VALLEY MN 55427	MARCH 2020 SERVICE	PV	101274	004	09101	3/31/2020	992607974	198.40
		MARCH 2020 SERVICE	PV	101274	005	09101	3/31/2020	992607974	31.33
		MARCH 2020 SERVICE	PV	101274	006	09101	3/31/2020	992607974	120.08
		MARCH 2020 SERVICE	PV	101274	007	09101	3/31/2020	992607974	46.99
		MARCH 2020 SERVICE	PV	101274	008	09101	3/31/2020	992607974	109.71
		MARCH 2020 SERVICE	PV	101274	009	09101	3/31/2020	992607974	87.57
		MARCH 2020 SERVICE	PV	101274	010	09101	3/31/2020	992607974	107.36
		MARCH 2020 SERVICE	PV	101274	011	09101	3/31/2020	992607974	58.37
				Summary Total					947.77
				Payment Amount					947.77
113444	PRECISE	FEB 2020 SERVICE	PV	101233	001	09101	3/31/2020	200-1025288	775.00
	PRECISE 501 EAST CLIFF ROAD SUITE 100 BURNSVILLE MN 55337			Summary Total					775.00
				Payment Amount					775.00
113737	RATWIK ROSZAK AND MALONEY PA	FEB 2020 RETAINER	PV	101121	001	09435	3/1/2020	66253	101.50
	RATWIK ROSZAK AND MALONEY PA	FEB 2020 RETAINER	PV	101121	002	09435	3/1/2020	66253	3,113.50
	300 U.S. TRUST BUILDING			Summary Total					3,215.00
	730 SECOND AVENUE SOUTH	FEB 2020 SERVICES	PV	101122	001	09412	3/1/2020	66252	290.00
	MINNEAPOLIS MN 55402	FEB 2020 SERVICES	PV	101122	002	09412	3/1/2020	66252	915.45
				Summary Total					1,205.45
				Payment Amount					4,420.45
117396	RIHM KENWORTH	WORK ON 673	PV	101087	001	09602	3/24/2020	413439GR	3,234.61
	RIHM KENWORTH	WORK ON 673	PV	101087	002	09602	3/24/2020	413439GR	1,872.00
	425 CONCORD STREET S SOUTH ST PAUL MN 55075			Summary Total					5,106.61
				Payment Amount					5,106.61

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Payment Instrument	T	A/P ACH Payment	
Pay Through Date	12/31/2020		

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount
116092	ROADKILL ANIMAL CONTROL	MAR 2020 3 CALLS	PV	101260	001	09101	4/8/2020	04082020	279.00
	ROADKILL ANIMAL CONTROL 520 HAROLD DRIVE BURNSVILLE MN 55337							Summary Total	279.00
								Payment Amount	279.00
100469	STREICHER'S POLICE EQUIPMENT	16 BALLISTIC PLATES	PV	101089	001	09101	3/13/2020	I1418719	4,620.00
	STREICHER'S POLICE EQUIPMENT							Summary Total	4,620.00
	10911 WEST HWY 55	AMMO	PV	101152	001	09101	3/24/2020	I1421161	2,428.10
	MINNEAPOLIS MN 55441							Summary Total	2,428.10
								Payment Amount	7,048.10
110313	SUMMIT COMPANIES	FIRE EXT INSPECTION	PV	101123	001	09101	3/5/2020	1494997	336.98
	SUMMIT COMPANIES							Summary Total	336.98
	P O BOX 6205	CH.PD FIRE EXT INSPECTION	PV	101124	001	09101	3/5/2020	1494992	590.05
	CAROL STREAM IL 60197-6205							Summary Total	590.05
								Payment Amount	927.03
100485	TIMESAVER OFF SITE SECRETARIAL INC	MARCH 2020 MEETINGS	PV	101207	001	09101	3/31/2020	M25553	1,147.75
	TIMESAVER OFF SITE SECRETARIAL INC 5291 RIVER OAK DRIVE SAVAGE MN 55378							Summary Total	1,147.75
								Payment Amount	1,147.75
112688	TITAN MACHINERY	VIB PLATE	PV	101125	001	09101	3/20/2020	13717128	1,725.00
	TITAN MACHINERY 14375 JAMES ROAD ROGERS MN 55374							Summary Total	1,725.00
								Payment Amount	1,725.00
112721	W W GOETSCH ASSOCIATES INC	SERVICE LIFT STAT 6	PD	101153	001	09602	3/11/2020	103844	430.00
	W W GOETSCH ASSOCIATES INC							Summary Total	430.00

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Payee Number	Name / Mailing Address	Stub Message	Document Ty	Number	Itm	Co	Due Date	Invoice Number	Payment Amount
	5250 WEST 74TH STREET SUITE 24 MINNEAPOLIS MN 55439-2226								
				Payment Amount					430.00
106351	WATER LABORATORIES, INC	MAR 2020 WATER TESTS	PV	101244	001	09601	4/2/2020	7917	615.00
	WATER LABORATORIES, INC 333 EAST MAIN STREET PO BOX 388 ELK RIVER MN 55330								
				Summary Total					615.00
				Payment Amount					615.00
100539	WRIGHT TIRE SERVICE INC	4 TIRES FOR 562	PV	101208	001	09101	3/31/2020	78303	453.16
	WRIGHT TIRE SERVICE INC 710 WEST MAIN STREET ANOKA MN 55303								
				Summary Total					453.16
				Payment Amount					453.16
				Total Amount to be Processed					167,961.02
				Total Number of Payments to be Processed					52

Councilmember introduced the following resolution and moved for its adoption:

RESOLUTION #20-067

RESOLUTION APPROVING CASH DISBURSEMENTS MADE AND AUTHORIZING PAYMENT OF ACCOUNTS PAYABLE INVOICING RECEIVED DURING THE PERIOD OF MARCH 19, 2020 THROUGH APRIL 9, 2020

WHEREAS, the City of Ramsey Finance Department has made cash disbursements and received accounts payable invoicing during the period of March 19, 2020, through April 9, 2020, in the amount of $ 1,084,535.87 and

WHEREAS, the City Council of the City of Ramsey is required to authorize payment for all disbursement transactions.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1) That the Ramsey City Council hereby approves the cash disbursements made and authorizes payment of the accounts payable invoices as detailed in the attached Bills List for the period March 19, 2020, through April 9, 2020, in the amount of $1,084,535.87.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember , and upon vote being taken thereon, the following voted in favor thereof:

Mayor
Councilmember
Councilmember
Councilmember
Councilmember
Councilmember
Councilmember

and the following voted against the same:

None

and the following abstained:

None

and the following were absent:

None

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

_____
Mayor

ATTEST:

_____
City Clerk

CC Regular Session **5. 8.**

Meeting Date: 04/14/2020

By: Chris Anderson, Community Development

Information

Title

Adopt Resolution #20-068 Proclaiming April 24, 2020 as Arbor Day and the Month of May as Arbor Month

Purpose/Background:

The City of Ramsey has been recognized as a Tree City USA for twenty-eight (28) consecutive years (up through and including 2019 activities). One of the standards necessary to obtain this designation is the adoption of an Arbor Day proclamation. At its root, Arbor Day is a day to encourage and celebrate the planting of trees. In Minnesota, Arbor Day is officially observed on the last Friday of April, which this year, is April 24. The State of Minnesota also recognizes the month of May as Arbor Month. The attached resolution serves as the City's official observance of Arbor Day on April 24, 2020 and also recognizes May as Arbor Month.

Observations/Alternatives:

Typically, one of the requirements to maintain the Tree City USA designation is to have an official Arbor Day observance. For example, in 2019, the City worked with the MN DNR to coordinate a ceremonial tree planting with Mayor, as well as a larger, interactive seedling planting with the students. However, due to the ongoing public health concerns with COVID-19, this requirement has been waived for 2020.

Funding Source:

This case is being handled as part of staff's regular duties.

Recommendation:

Staff recommends adopting Resolution #20-068 proclaiming April 24, 2020 as Arbor Day and the month of May as Arbor Month.

Action:

Motion to adopt Resolution #20-068 proclaiming April 24, 2020 as Arbor Day and the month of May as Arbor Month.

Attachments

Resolution #20-068

Form Review

Inbox	Reviewed By	Date
Tim Gladhill	Tim Gladhill	04/08/2020 06:51 PM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:17 PM
Form Started By: Chris Anderson		Started On: 04/03/2020 12:18 PM
Final Approval Date: 04/09/2020		

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-068

RESOLUTION PROCLAIMING APRIL 24, 2020 AS ARBOR DAY AND THE MONTH OF MAY, 2020, AS ARBOR MONTH

WHEREAS, trees are an increasingly vital resource in Minnesota today and enrich our lives by purifying air, soil and water; and

WHEREAS, trees help conserve and protect soil from erosive forces, moderate temperatures, reduce stormwater runoff, and provide habitat for life of all kinds; and

WHEREAS, many species of trees and shrubs provide critical, early spring food for pollinators; and

WHEREAS, trees provide beautiful recreational settings and promote personal, community, and ecosystem health; and

WHEREAS, trees increase property values, enhance the economic vitality of business areas, create jobs through forest products, and are a renewable resource; and

WHEREAS, activities such as construction damage, regional and distant source pollution, as well as certain diseases and pests, threaten our trees, creating the need for concerted adaptive and collaborative action by locally planting, nurturing and protecting trees for the benefit of citizenry, economy, and ecology; and

WHEREAS, the City of Ramsey has been recognized for 28 consecutive years (through 2019), as a Tree City USA; and

WHEERAS, due to the public health concerns regarding COVID-19, the City will not be hosting an Arbor Day observance this year in accordance with guidance from the Centers for Disease Control and the State of Minnesota.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1) That the Ramsey City Council hereby proclaims April 24, 2020 as Arbor Day.

2) That the Ramsey City Council hereby proclaims the month of May as Arbor Month.

3) That the Ramsey City Council urges all citizens to plant trees as part of Ramsey's living history, to participate in disease and pest control programs that will ensure an enduring tree canopy, and collaborate with partners and volunteers to develop and implement policies to plant, nurture, protect, and steward our natural diversity.

4) That the Ramsey City Council encourages efforts to maintain our historic sites with significant tree species, enhance species diversity to buffer against disease and/or pest outbreaks, promote replanting of native species and strategically locate plantings for energy savings.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

_____
Mayor

ATTEST:

_____
City Clerk

CC Regular Session **5. 9.**

Meeting Date: 04/14/2020

By: Bruce Westby, Engineering/Public Works

Information

Title

Adopt Resolution #20-072 Authorizing Joint Powers Agreement with Anoka County for Traffic Study for Improvement Project #20-03, Bunker Lake Boulevard Reconstruction

Purpose/Background:

Purpose:

The purpose of this case it to adopt Resolution #20-072 authorizing Staff to work with Anoka County to develop a Joint Powers Agreement to partner in a Traffic Study for Improvement Project #20-03, Bunker Lake Boulevard Reconstruction.

Background:

The purpose of the traffic study is to determine the scope of the required improvements to Bunker Lake Boulevard/CSAH 116 before beginning the final design process. The Ramsey Public Works Committee questioned the need to expand Bunker Lake Boulevard, which can be determined by completing a traffic study.

Attached is a copy of the Joint Powers Agreement (JPA) that was entered into on April 12, 2005, by and between the County of Anoka and the City of Ramsey, defining various public works improvements required to support development of Ramsey Town Center (now The COR), along with the required processes and cost-shares associated with the improvements.

Following Council approval, City Staff will work with Anoka County Staff to develop a Joint Powers Agreement to define the respective costs and responsibilities of both parties pertaining to completion of a traffic study along the corridor of Bunker Lake Boulevard/CSAH 116 between Armstrong Boulevard/CSAH 83 and Sunfish Lake Boulevard/CSAH 57. The Joint Powers Agreement will then be presented to the City Council for approval at a future meeting.

Notification:

Notifications are not required for this item.

Observations/Alternatives:

Alternative #1 – Motion to adopt Resolution #20-072 authorizing Staff to work with Anoka County to develop a Joint Powers Agreement to partner in a Traffic Study for Improvement Project #20-03, Bunker Lake Boulevard Reconstruction.

Funding Source:

No costs are associated with this request, other than the time it will take Staff to work with Anoka County to prepare the Joint Powers Agreement.

Recommendation:

Staff recommends alternative #1.

Action:

Adopt Resolution #20-072 authorizing Staff to work with Anoka County to develop a Joint Powers Agreement to partner in a Traffic Study for Improvement Project #20-03, Bunker Lake Boulevard Reconstruction.

Attachments

Resolution 20-072
RTC JPA
CIP sheet
Aerial of BLB

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:22 PM
Form Started By: Bruce Westby		Started On: 04/06/2020 03:59 PM
Final Approval Date: 04/09/2020		

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-072

RESOLUTION AUTHORIZING JOINT POWERS AGREEMENT WITH ANOKA COUNTY FOR TRAFFIC STUDY FOR IMPROVEMENT PROJECT #20-03, BUNKER LAKE BOULEVARD RECONSTRUCTION

WHEREAS, a Joint Powers Agreement (JPA) was entered into on April 12, 2005, by and between the County of Anoka and the City of Ramsey defining various public works improvements required to support development of Ramsey Town Center (now The COR), along with the required processes and cost-shares associated with the improvements; and

WHEREAS, the JPA specifies that the City of Ramsey is responsible for expanding Bunker Lake Boulevard/CSAH 116 between Armstrong Boulevard/CSAH 83 and Ramsey Boulevard/CSAH 56 to a four lane divided highway with turn lanes, and for constructing signal systems at Center Street and Sunwood Drive; and

WHEREAS, Anoka County has requested that the City begin working to complete the expansion of Bunker Lake Boulevard/CSAH 116 before 2022 to assist with the movement of traffic during the construction of Highway 10 improvements through the cities of Coon Rapids (third lanes) and Anoka (the Anoka Solution); and

WHEREAS, the City of Ramsey Public Works Committee considered Anoka County's request in November, 2019, and again in January and February of 2020, and requested further information as to the need to reconstruct Bunker Lake Boulevard/CSAH 116 as a four lane road; and

WHEREAS, conducting a traffic study in advance of final design will assist with verifying the necessary scope of the improvements based on existing and proposed traffic volumes, turning movements, and existing and guided land uses, all of which have changed since the JPA was executed; and

WHEREAS, Anoka County wishes to reconstruct Bunker Lake Boulevard/CSAH 116 between Ramsey Boulevard/CSAH 56 and Sunfish Lake Boulevard/CSAH 57, and requested to enter into a Joint Powers Agreement with the City of Ramsey to define the respective costs and responsibilities of both parties pertaining to completion of a traffic study along the corridor of Bunker Lake Boulevard/CSAH 116 between Armstrong Boulevard/CSAH 83 and Sunfish Lake Boulevard/CSAH 57; and

WHEREAS, the City of Ramsey and Anoka County desire to work cooperatively to study traffic on Bunker Lake Boulevard/CSAH 116 between Armstrong Boulevard/CSAH 83 and Sunfish Lake Boulevard/CSAH 57 to determine the required scope of improvements before starting the final design process.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

1) That the City of Ramsey desires to work cooperatively with Anoka County to develop a Joint Powers Agreement to define each parties responsibilities related to securing and paying for a qualified consultant to complete a traffic study on Bunker Lake Boulevard/CSAH 116 between Armstrong Boulevard/CSAH 83 and Sunfish Lake Boulevard/CSAH 57 to determine the required scope of improvements throughout this corridor.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____ and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

_____
Mayor

ATTEST:

_____
City Clerk

COPY

Anoka County Contract No. 2005-0516

JOINT POWERS AGREEMENT BETWEEN ANOKA COUNTY AND THE CITY OF RAMSEY FOR THE PUBLIC WORKS IMPROVEMENTS RELATED TO THE RAMSEY TOWN CENTER DEVELOPMENT RAMSEY, MINNESOTA

This Agreement is made and entered into this 12th day of April, 2005, by and between the County of Anoka, a political subdivision of the State of Minnesota, 2100 3rd Avenue North, Anoka, Minnesota 55303, hereinafter referred to as the "County," and the City of Ramsey, 15153 Nowthen Boulevard, Ramsey, Minnesota 55303, hereinafter referred to as the "City."

WITNESSETH:

WHEREAS, the City has entered into a development agreement with Ramsey Town Center, L.L.C. for the development of the Ramsey Town Center (hereinafter referred to as "RTC") between Trunk Highway 10, County Road No. 116, County State Aid Highway 83, and County Road No. 56, which project would require the major reconstruction and expansion of both County and State highways, as well as construction and extension of utilities to serve the RTC and surrounding areas; and,

WHEREAS, the RTC development is intense and will have a substantial impact on the movement of traffic on Trunk Highway 10, County Road No. 56, County State Aid Highway No. 83, and County Road No. 116 in the City of Ramsey as well as impacts on County State Aid Highway No. 57 in the City of Ramsey; and,

WHEREAS, because of the substantial development, significant improvements need to be made to the highway/road infrastructure; and,

WHEREAS, the City does not have sufficient funds available to pay for the cost of the improvements necessary for the development of the RTC; and,

WHEREAS, the City has proposed to use funds generated by RTC together with funds to be contributed by the County as hereinafter set forth, and other funds of and available to the City, to pay for said improvements; and,

WHEREAS, the parties hereto have agreed in principal as to the nature and extent of the improvements to be made, which improvements are described in Schedules A, B, and C (the Schedules), which are attached hereto and incorporated herein by reference and which are hereinafter collectively referred to as the "Improvements"; and,

WHEREAS, the parties hereto agree that the cost of certain of the Improvements be shared by the parties; and,

WHEREAS, the parties have agreed that it is in their best interest that the City undertake the construction of the Improvements on behalf of both parties, except as provided herein; and,

WHEREAS, Minn. Stat. § 471.59 authorizes political subdivisions of the State to enter into joint powers agreements for the joint exercise of powers common to each;

NOW, THEREFORE, it is mutually stipulated and agreed as follows:

1. PURPOSE

The parties have joined together for the purpose of constructing and/or reconstructing the roadways, drainage, trails, sidewalk, traffic control systems with EVP, as well as other utilities on a portion of County State Aid Highway No. 83 and County Road Nos. 116 and 56 and other improvements as described in the Schedules and to share in the cost of certain of said improvements, as provided hereinafter.

2. METHOD

The City shall provide all engineering services, and shall cause the construction of the Improvements referred to in the Schedules in conformance with plans and specifications to be prepared by the City and approved in writing by the County as to the Improvements to be made to the County highway system, except for those projects where the County is the lead agency as hereinafter provided. All design on County State Aid Highways and County Roads shall be based on a County approved Traffic Analysis and a sketch plan which clearly shows projected peak hour turning volumes and lane configuration at all intersections. The letting of bids and acceptance of all bid proposals shall be done by the City, except as hereinafter provided. All plans and specifications submitted to the County for review and approval shall include a detailed traffic control plan for all state and county roadways involved in the reconstruction projects. The plans and specifications must include a requirement for the contractor to obtain permits from both the state and county prior to commencing work on the facilities controlled by the State or County from the appropriate agency. All plans and specifications must be submitted to the County for review and comment a minimum of sixty (60) days prior to the advertisement for bids for work which impacts any of the county facilities located in and around the proposed development.

3. USE OF COUNTY PROPERTY

A. The County agrees to accommodate the storm water pipe and storage ponds for the RTC development on property located south of T.H. 10. Three issues need to be resolved to the satisfaction of the County by the City. First, the site has been secured with the intention of building a river crossing approach on that property. Secondly, the existence of a five year "License Agreement" with Diamonds Sports Bar and Grill for the use of the property for special events. There is at least an expectation that Diamonds Sports Bar and Grill would be compensated for their costs, should the property be unavailable to them for the initial five year period ending February 2008. Third, the alternate use of that property from the County perspective would be as replacement property for a County project related to "4-F" or "6-F" encroachment elsewhere in the County.

B. The City is to agree that they will be responsible to find, design, construct and pay for drainage and storage alternatives if the river crossing is built in this corridor.

C. The City will facilitate the cancellation of the five-year parking agreement with Gary Gruber at Diamonds Sports Bar and Grill. At a minimum, the City must obtain a letter from Diamonds Sports Bar and Grill which allows the County to rescind the existing license agreement between the County and Diamonds Sports Bar and Grill at no cost to the County.

D. The City will assist the County in finding suitable replacement property for 4F or 6F encroachments on other park land for a potential river crossing between Dayton and Ramsey, regardless of the alignment. The City's responsibility in the procurement of replacement property for 4F or 6F impacts will be limited to the acquisition of 4.47 acres of replacement property with a value of not less than $447,000.

4. ACCESS TO COUNTY HIGHWAY

A. Only three (3) full turn accesses will be allowed from the RTC development to Bunker Lake Boulevard (C.R. 116). These accesses will line up with accesses on the north side of Bunker Lake Boulevard (C.R. 116) for a total of six access points as directed in the Highway 116 Corridor Study. No additional right-in, right-out accesses onto Bunker Lake Boulevard (C.R. 116) are being allowed at this time. This provision is in agreement with the original Joint Powers Agreement between the City and the County at the time the roadway (C.R. 116) was constructed.

B. A total of three accesses are acceptable along the west side of Ramsey Boulevard (C.R. 56) as follows:

(1) A full access with Sunwood Drive, a three quarter turn access at what is to be known as Ramsey Parkway (northbound Ramsey Boulevard left onto westbound Ramsey Parkway). The City would close the left turn movements onto Ramsey Parkway at Ramsey Boulevards when traffic operation issues arise. No signalization will be requested at this location.

(2) A three quarter turn access located in the south east corner of the development property will be used for emergency vehicles (left turns out of the RTC eastbound to northbound Ramsey Boulevard). The City would post the access as emergency only and would be committed to stop illegal use by issuing tickets or installing a gate. This access point would be posted and special consideration would be given to the use of a traffic control device (i.e. gate or stop arm) to prohibit unauthorized use.

(3) No additional full access points will be allowed on the east side of Ramsey Blvd.

C. A total of two accesses along the east side of Armstrong Boulevard (C.S.A.H. 83) as follows:

(1) A full-turn access where Sunwood Drive exits the RTC development onto Armstrong Boulevard (C.S.A.H. 83), and a three quarter turn at what is to be known as Ramsey Parkway (southbound Armstrong Boulevard left onto Ramsey Parkway). The City would close the left turn movements onto Ramsey Parkway at Armstrong Boulevards when traffic operation issues arise. No signalization will be requested at this location.

(2) No additional full access points will be allowed along the west side of Armstrong Blvd.

D. Future signal systems at Sunwood Drive and Armstrong Boulevard and at Sunwood Drive and Ramsey Boulevard may need railroad pre-emption so that the queue at the signals does not back up over the tracks (northbound green prior to train arrival). The City will coordinate this design with the BNSF Rail Road and MnDOT. The County's position is that these signals should be coordinated with the respective railroad signals and Traffic control signals on TH 10. This may require the County and City to enter into a separate agreement with BNSF and MnDOT.

5. PHASES

The Improvements shall be constructed in phases, as follows:

A. Phase I (2005) - Phase one of the project includes the following components:

(1) Ramsey Boulevard is improved to a four lane divided highway from T.H. 10 to 1,000 feet north of Bunker Lake Boulevard.. This project includes signal modifications at T.H. 10 and railroad crossing upgrades (signal and surface).

(2) A full traffic actuated signal is installed at Ramsey Boulevard and Bunker Lake Boulevard and at Ramsey Boulevard and Sunwood Drive with right and left turn lanes as required for all approaches to the intersection.

(3) Turn lanes (both left and right) will be added on Bunker Lake Boulevard at Town Center Drive.

(4) Left turn lane s as required for south bound traffic and a right turn lane for north bound traffic will be added on Armstrong Boulevard at Sunwood Drive.

(5) Several city streets will be constructed south of Bunker Lake Boulevard.

B. Phase II (2006) - Phase two of the project includes the following components:

(1) Armstrong Boulevard is reconstructed from T.H. 10 to 1,000 feet north of Bunker Lake Boulevard to a four lane divided roadway. This project includes signal modifications at T.H. 10 and railroad crossing upgrades (signal and surface).

(2) Full traffic actuated signal systems would be installed at the intersections of Bunker Lake Boulevard and Armstrong Boulevard, and at Armstrong Boulevard and Sunwood Drive. All signals on Bunker Lake Boulevard shall be interconnected with an interconnect system compatible with other County interconnects.

C. Phase III (2007) - Phase three of the project includes the following components:

(1) Bunker Lake Boulevard is reconstructed to a four lane divided roadway from Armstrong Boulevard to 1,000 feet west of Ramsey Boulevard (C.R. 56).

(2) Full traffic actuated signal systems would be installed at the intersection of Bunker Lake Boulevard and Town Center Drive, Bunker Lake Boulevard at Sunfish Lake Boulevard. All signals on Bunker Lake Boulevard shall be interconnected with an interconnect system compatible with other County interconnects.

(3) The County will consider the addition of a full traffic actuated signal system at the intersection of Bunker Lake Boulevard and Sunwood Drive following receipt of additional traffic information to justify said signal system.

(4) The remaining City streets south of Bunker Lake Boulevard would be constructed. Town Center Drive north of Bunker Lake Boulevard will be

constructed. The City will insure that only six full accesses will connect to Bunker Lake Boulevard between Armstrong Boulevard and Ramsey Boulevard, with a four-legged intersection counting as two accesses. This provision is in agreement with the original Joint Powers Agreement between the City and the County at the time the roadway was constructed.

(5) Any modification of the signals existing on the project as a result of prior construction.

D. Phase IV (2007) - Phase four of the project includes the following components: Sunfish Lake Boulevard is reconstructed to a four lane divided roadway from T.H. 10 to 1000 feet north of Bunker Lake Blvd. (C.R. 116). This project includes signal improvements at C.R. 116 and C.R./C.S.A.H. 57 and at T.H. 10 and C.S.A.H. 57 and a railroad crossing upgrade to the crossing surface and signal. The County will be the lead agency on this project.

6. TERMS

A. The RTC design shall provide a pedestrian bridge over U.S. Highway 10, connecting the RTC development to Mississippi West Regional Park. This should be aligned with the proposed trail through the treatment pond south of U.S. Highway 10. This section does not prohibit the City from seeking other sources of funding to assist in construction of the pedestrian bridge.

B. The design of the Ramsey Boulevard and U.S. Highway 10 intersection must also accommodate vehicular connection between the park and Ramsey Boulevard, south of Highway 10. Ingress/egress to the park is to be constructed with turn lanes and stacking from Highway 10 to the park entrance and from the park entrance to Highway 10.

C. The proposed settling pond, treatment pond, and infiltration ponds should be designed in such a manner as to meet the following objectives:

(1) Grade a "bench" to accommodate a future trail with a minimum width of 10 feet, plus 2-foot shoulders; provide holding capacity to accommodate a 100 year flood event without over-topping the trail; and

(2) Incorporate native plant materials that are suitable to the conditions of the site and provide an aesthetic park-like appeal; and

(3) Use an outlet structure at the Mississippi River which minimizes visual and physical intrusion in the park.

D. The view shed from the park to the RTC development should be considered. To the extent possible, plant materials should be used to screen the view of buildings or other man-made structures. Consideration of evening uses of the park should also be considered in lighting of the RTC development. Light cast into the park or that is visible from the park will have a long-term detrimental impact on use of the park for evening activities.

E. The RTC design should preserve a wildlife corridor between Lake Itaska and the Mississippi River. To that end, provisions should be made in the design, development of the RTC and the future park to ensure continuity in both the alignment and natural characteristics of the wildlife corridor.

F. The City shall facilitate meetings prior to detailed design, to explore possibilities for achieving harmony in the architectural vernacular between the RTC development and the future park development, particularly where the two projects will interface, e.g. lighting, site furnishings, landscaping, etc.

G. The design of the storm sewer system throughout the development and along the outfall to the Mississippi River will provide for adequate capacity for the county roadways in and around the development area including all roadways and ditches that now naturally drain toward the intersections of Bunker Lake Boulevard (C.R. 116) with Armstrong Boulevard (C.S.A.H. 83) and Ramsey Boulevard (C.R. 56), along with all county highways and intersections between Bunker Lake Boulevard and Highway 10, inclusive of Armstrong Boulevard and Ramsey Boulevard. Adequate storage and drainage systems will be provided by the City for the ultimate section of each of those roadways listed above in their final configuration as anticipated by this Agreement.

7. COSTS

A. The contract cost of the work, or if the work is not contracted the cost of all labor, materials, normal engineering costs, equipment rental required to do the work and right-of-way acquisition costs shall constitute the actual "construction costs" and shall be so referred to herein. Total Construction Costs shall include construction costs and administrative costs such as bonding expenses, legal expenses and engineering fees, provided however, that said administrative costs shall not exceed 26 percent (26%) of the construction costs. "Estimated total construction costs" are good faith projections of costs which will be incurred for the projects.

B. Total estimated construction cost of the Improvements described in the Schedules is $13,050,372.08. These figures are based on the City estimates included in the "Summary of Estimated Project Costs for the Ramsey Town Center Improvements" which is incorporated herein by reference. The project costs shall be paid for by special assessments, City funds, State funds, Federal funds and County contributions as hereinafter provided. The projects for which the costs are to be shared by the County and the City, the estimated total cost of each project, and the County participation in each project is listed in the Schedules of this Agreement.

C. The estimated costs for the signal projects are $2,801,250 of which $1,012,500 is on T.H. 10. The remaining $1,788,750 in estimated signal costs are on County highways. Since only two of the signal systems on the County highway system are warranted, the County will not participate in paying for the cost of construction of the unwarranted signals. The county will participate in construction of and will provide ongoing maintenance for the signal systems at Armstrong Boulevard (CSAH 83) at Bunker Lake Boulevard (C.R. 116) and Sunfish Lake Boulevard (CSAH/CR 57) at Bunker Lake Boulevard (CSAH 116), in accordance with the County cost sharing policy.

(1) The City shall submit plans for each signal system, including EVP, to the County for review and approval sixty (60) days prior to the advertising for bids. The City shall pay to the County a plan review fee of $1,000 for each signal plan submitted.

(2) At a rate of six percent (6%) of the actual construction costs, the County shall provide construction observation for the construction of the signal system. The County shall have final authority to accept all roadway and signal work done within the county right of way. The estimated cost to the City for construction observation is $107,325.

(3) The City shall be responsible for all remaining construction and engineering costs.

(4) The cost participation is summarized below:

Anoka County:	$0
City of Ramsey, Signal Construction Inspection:	$107,325
City of Ramsey:	ALL REMAINING COSTS

(5) The total cost to the City for the signal inspection is estimated at $107,325.

(6) Upon award of the contract for each signal, the City shall pay to the County, upon written demand by the County, ninety five percent (95%) of its portion of

the cost of inspection of the signal system. The City's share of the cost of the project shall include only construction engineering expense and does not include administrative expenses incurred by the County.

8. CONSULTANT SERVICES

The City shall contract with a qualified consulting firm with significant experience in the design of high- speed highways. The City shall not contract with a consultant until the qualifications of said consultant are reviewed by and approved in writing by the appropriate staff of the Anoka County Highway Department. The proposed Improvements contemplated by this Agreement on T.H. 10, C.S.A.H. 83, C.R. 116, C.R. 56 and C.S.A.H./ C.R. 57 are in fact highway improvements. The design of highways is considerably different from the design of city streets and the County needs to be assured that the consultant engaged by the City are experienced in the design of highways. While the City retains the oversight for the direction given the consultants hired for these projects, the County, by entering into this Joint Powers Agreement is assured by the City that the roadways designed and built under this agreement will conform to the standards for County State Aid Highway and County Roads in Anoka County. Critical factors in design include but are not limited to: the cross section of the roadway, the transfer slope of the roadways, super elevation in curves, turn lane and taper lengths for lane changes and turn lane introductions, curb height and type, and median and edge of road drainage.

The City shall provide or contract with a qualified consulting firm, with significant and proper experience with respect to the construction and construction administration of county highways. Additionally, the city shall provide an adequate number of individuals to provide the amount of construction inspection and administration. All inspection, control of material and associated documentation for construction are to be performed in accordance with the approved construction plans, current MnDOT specifications and technical memorandums, and/or special provisions. All inspectors shall be MnDOT certified as it pertains to the operations that is being inspected. County concurrence must be obtained prior to the City authorizing Change Orders, Work Orders and/or Supplemental Agreements that significantly increase the County's cost participation.

At all times, while work is actually being performed, the City, or contracted consultant, shall have at the site of work a competent individual(s) who is (are):
Thoroughly experienced in the type of work being performed.

Authorized and fully capable of inspecting, overseeing and documenting the work in progress. Capable of reading and thoroughly understanding the plans, specification and all other pertinent documentation.

Authorized to receive instructions from the Engineer.

Should the County feel, at any time, that these requirements are not being met, the County shall have the right to request replacement of the inspection personnel.

9. DISBURSEMENT OF FUNDS

The County shall pay to the City the County's portion of the actual construction costs of each project in the form of an annual payment. The first payment amount is $266,070.76 based on an interest rate of 4.5 percent interest per year and a principal of $4,334,000 for 30 years, the payment thereafter will be $338,510.26 based on the balance of $4,262,959.05 after the first payment, at 4.5 percent interest per year over 19 years. In addition the County will obtain the $247,500 in Federal funds and apply it to the BNSF crossing improvement on Sunfish Lake Blvd. (CSAH 57). All funds disbursed by the County or City pursuant to this Agreement shall be disbursed by each entity pursuant to the method provided by law. This payment shall be made each year for twenty years on January 31 of each year. The first payment will be due on January 31, 2006.

The County shall be the lead agency on the Sunfish Lake Blvd. (CSAH 57) project. The City shall pay to the County the City's share of the actual construction cost of the work within forty-five days of the receipt of a claim voucher, containing such information as the City may reasonably require, representing that payments have been made for right of way, or on a contract or contracts for the projects outlined in this agreement.

10. CONTRACTS AND PURCHASES

All contracts let and purchases made pursuant to this Agreement shall be made by the City in conformance to the State laws.

11. CONTRACTOR INDEMNIFICATION AND INSURANCE

A. The City shall include the following wording in all of its agreements with its contractors for the design and contract services of the Improvements described in the Schedules:

> "The Contractor agrees that it will hold harmless, indemnify, and defend the County of Anoka, its commissioners, officers, agents and employees against any and all claims, expenses (including attorneys fees), losses, damages or lawsuits for damages arising from or related to providing or failing to provide services hereunder, including but not limited to the negligence of the Contractor."

In addition, all contractors providing the design and contract services of the Improvements described herein shall obtain the insurance coverage as described in Schedule D, which is attached hereto and incorporated herein by reference.

B. The City shall include the following wording in all of its Agreements with its contractors for the construction of the Improvements described in the Schedules:

> "The Contractor agrees that it will hold harmless, indemnify, and defend the County of Anoka, its commissioners, officers, agents and employees against any and all claims, expenses (including attorneys fees), losses, damages or lawsuits for damages arising from or related to providing or failing to provide services hereunder, including but not limited to the negligence of the Contractor."

In addition, all contractors providing the construction of the Improvements described herein shall obtain the insurance coverage as described in Schedule E, which is attached hereto and incorporated herein by reference.

Prior to execution, all contracts shall be forwarded to the Anoka County Attorney's office for approval as to the requirements of this section.

12. TERMINATION OF AGREEMENT BY THE COUNTY

A. The County may terminate this Agreement if the City, and the Developer of the Ramsey Town Center (RTC) do not enter into a development agreement on or before the date of this agreement which agreement provides for the development of a RTC. RTC means a unified, concentrated development having the following characteristics:

(1) Commercial mixed use development occupying a minimum of 1.0 million gross square feet of space; and

(2) Transit station suitable for conversion to a commuter rail station; and

(3) A minimum of 1,500 units of medium and high density residential units

B. The City shall provide copies of all agreements with the Developer of RTC. The County may terminate this agreement with the City if the City modifies, alters or changes any of the terms or conditions of its agreement with the Developer of the RTC.

13. TERM

This Agreement shall continue until (1) it is terminated as provided herein, or (2) until the construction provided for herein is completed and payments provided for herein are made, whichever of (1) or (2) shall first occur. Maintenance portions of this Agreement shall not terminate unless a subsequent agreement, specifically approved by the governing bodies of both parties, replaces this Agreement.

14. STRICT ACCOUNTABILITY

A strict accounting shall be made of all funds and report of all receipts and disbursements shall be made upon request by either party.

15. RIGHT OF WAY

The City shall acquire the majority of the right of way needed for this project as part of their development process. The City shall notify the County of any right of way needs not acquired through the City process a minimum of 12 months prior to the need for said right of way.

The County then shall acquire said right of way, form private property owners, that is required for the construction of the County Highway improvements through either direct purchase or condemnation. The City shall reimburse the County all costs incurred by the County in acquiring the necessary parcels. Reimbursable costs include, but are not limited to, the purchase price, recording fees, appraisal fees, attorney fees, and all costs incurred by the County in acquiring the parcels through eminent domain (hereinafter collectively referred to as "Land Acquisition Costs"). These costs shall not include County staff time.

Upon written demand by the County, the City shall pay to the County the appraised value portion of the Land Acquisition Costs. Upon final completion of the each parcel acquisition, the City shall pay for all remaining Land Acquisition Costs within 30 days after receipt of an invoice from the County documenting the expenses incurred.

After construction has been completed, the City shall convey the property it acquired to widen/improve the county highways by warranty deed to the County.

16. SIGNALIZATION POWER

The City shall at their sole expense, install or cause the installation of an adequate electrical power source to the service cabinet for all signalized intersections including any necessary extension of power lines. The City shall be the lead agency in this matter. Upon completion of said traffic control signal installations, the ongoing cost of the electrical power to the signal shall be the sole cost and expense of the City.

17. MAINTENANCE

Maintenance of the completed water main, sanitary sewer, storm sewer (except catch basins and catch basin leads on county highways), detention basins (including ponds and their outlet structures and any grit chambers/collectors including the "Vetch Stormwater Treatment System") shall be the sole obligation of the City.

The County will maintain the County State Aid Highways and County Roads following completion of the construction and during winter suspension of work so long as the road surface is bituminous. If for any reason the road surface is not hard surfaced by winter suspension of work the City shall maintain the road surface continuously until work resumes.

Maintenance of all trails and sidewalks, including snow plowing, shall be the sole responsibility of the City.

Maintenance of streetlights and cost of electrical power to the streetlights shall be the sole obligation of the City.

Maintenance of all city streets shall be the solid obligation of the City.

The City shall be responsible to maintain all medians which the City has designated for plantings. Maintenance shall be performed in accordance with the "Anoka County Highway Department Landscape/Streetscape Guidelines dated June 2000." If the City does not comply with these

guidelines, the County at any time may remove all plantings and landscaping items and replace with hard surfacing in its place. The City shall be billed by the County for all costs incurred.

Nothing in this Agreement shall affect the terms and conditions of the Maintenance Agreement between the State of Minnesota, the City, and the County for the signals located at the intersections of T.H. 10 with C.R. 56, Ramsey Boulevard and T.H. 10 at the intersection with C.S.A.H. 83 (Armstrong Boulevard).

Maintenance of the completed signal systems at the intersections of Bunker Lake Boulevard (C.R. 116) at Armstrong Boulevard (CSAH 83) and Bunker Lake Boulevard at Sunfish Lake Boulevard shall be the sole obligation of the County except that the city shall provide the electrical power at these locations. The exception being that the City shall reimburse the County for maintaining the luminaries and EVP.

This Agreement contemplates the installation of several unwarranted signal systems. These traffic signals are located at the intersections of Armstrong Boulevard and Sunwood Drive, Bunker Lake Boulevard and Town Center Drive, Bunker Lake Boulevard and Ramsey Boulevard, and Ramsey Boulevard and Sunwood Drive, and the possibility for a signal system exists at the intersection of Sunwood Drive and Bunker Lake Boulevard. None of these signal systems are currently warranted under the standard warranting procedure. Consequently, the cost of maintenance of these traffic signals falls entirely to the City of Ramsey and the City will be billed on a quarterly basis for the maintenance of said signal systems by the County, in accordance with the following:

Maintenance of the completed signals and signal equipment shall be performed by the County at the sole obligation of the City.

The County shall perform and maintain the traffic signal controller, traffic signal and pedestrian indications, loop detectors and associated wiring of the said traffic control signals and bill the costs to the City on a quarterly basis for all costs incurred.

Painting of the traffic signals, if standard colors are used, shall be the sole obligation of the City. Timing of the traffic signals shall be determined by the County.

Only the County shall have access to the controller cabinets.

The traffic control signals shall be the property of the County.

The City shall be responsible for maintenance of the luminaries, luminary relamping, and luminary painting.

All maintenance of the EVP Systems shall be completed by the County. The City shall be billed by the County on a quarterly basis for all incurred costs at all locations.

EVP Emitter Units may be installed on and used only by Emergency Vehicles responding to an emergency, as defined in Minnesota Statutes §169.01, Subdivision 5, and §169.03. The City shall provide a list to the County Traffic Engineer, or the County's duly appointed representative, of all such vehicles with emitter units on an annual basis.

Malfunctions of the EVP Systems shall be immediately reported to the County.

All timing of said EVP Systems shall be determined by the County.

In the event said EVP Systems or components are, in the opinion of the County, being misused, or the conditions set forth are violated, and such misuse or violation continues after receipt by the City of written notice thereof from the County, the County shall remove the EVP Systems. Upon removal of the EVP Systems pursuant to this paragraph, the field wiring, cabinet wiring, detector receiver, infrared detector heads and indicator lamps and all other components shall become the property of the County.

18. NOTICE

For purposes of delivery of any notices hereunder, the notice shall be effective if delivered to the County Administrator of Anoka County, 2100 3rd Avenue North, Anoka, Minnesota 55303, on behalf of the County, and the City Administrator of Ramsey, 15153 Nowthen Boulevard North West, Ramsey, Minnesota 55303, on behalf of the City.

19. INDEMNIFICATION

The City and the County mutually agree to indemnify and hold harmless each other from any claims, losses, costs, expenses or damages resulting from the acts or omissions of the respective officers, agents or employees relating to activities conducted by either party under this Agreement.

20. ENTIRE AGREEMENT REQUIREMENT OF A WRITING

It is understood and agreed that the entire agreement of the parties is contained herein and that this Agreement supersedes all oral agreements and all negotiations between the parties relating to the subject matter thereof, as well as any previous agreement presently in effect between the parties to the subject matter thereof. Any alterations, variations, or modifications of the provisions of this Agreement shall be valid only when they have been reduced to writing and duly signed by the parties.

IN WITNESS WHEREOF, the parties of this Agreement have hereto set their hands on the dates written below:

COUNTY OF ANOKA

By: _____
Margaret Langfeld Chair
County Board of Commissioners

Dated: 5/12/05

CITY OF RAMSEY

By: _____

Title: Mayor

Dated: 4-26-2005

ATTEST

By: _____
John "Jay" McLinden
County Administrator

Dated: 5/12/05

By: _____

Title: City Administrator

Dated: 4-26-2005

RECOMMENDED FOR APPROVAL

By: _____
Douglas W. Fischer, P.E.
County Engineer

Dated: 5/11/05

By: _____

Title: _____

Dated: _____

APPROVED AS TO FORM

By: _____
Dan Klint
Assistant County Attorney

Dated: 5-12-05

By: _____

Title: _____

Dated: _____

Schedule A – Improvements to County Highway

ESTIMATED TOTAL PROJECT	COST	COUNTY SUBTOTALS	COUNTY PARTICIPATION
C.S.A.H. No. 83	$1,991,400.53	$1,123,650.00	
COUNTY ROAD 56	$2,689,002.90	$1,350,450.00	
C.S.A.H. No. 57	$ 847,500.00	$ 678,900.00	
COUNTY ROAD 116	$3,170,109.15	$1,228,500.00	
Subtotal Schedule A	**$8,698,012.58**		**$4,134,000**
Federal funds obtained by the County for BNSF Crossing On Sunfish Lake Blvd. (CSAH 57)			**$ 247,500**

Schedule B – Traffic Signals

Ramsey Blvd (C.R.56) at Bunker Lake Blvd. (C.R. 116)	$ 200,000.00	$0
Bunker Lake Blvd. (C.R. 116) at "N" Street	$ 200,000.00	$0
Armstrong Blvd. (C.S.A.H. 83) at Bunker Lake Blvd (C.R. 116)	$ 200,000.00	$100,000
Armstrong Blvd. (C.S.A.H. 83) at Sunwood Drive	$ 175,000.00	$0
Bunker Lake Blvd. (C.R. 116) at "A" Street	NOT ALLOWED $0.	$0
Bunker Lake Blvd. (C.R. 116) at "B" Street	NOT ALLOWED $0	$0
Ramsey Blvd. (C.R. 56) at Sunwood Dr..	$ 175,000.00	$0
Sunwood Dr at Industry Ave (C.R. 116)	$ 175,000.00	$0
Bunker Lake Blvd. (C.R. 116) at Sunfish Lake Blvd. (C.S.A.H./C.R. 57)	$ 200,000.00	$100,000
T.H. 10 at Armstrong Blvd. (C.R. 83)	$ 250,000.00	$0
T.H. 10 at Ramsey Blvd. (C.R. 56)	$ 250,000.00	$0
T.H. 10 at Sunfish Lake Blvd. (C.S.A.H. 57	$ 250,000.00	$0
	$2,075,000.00	$0
OVERHEAD & CONTINGENCY:	$ 726,250.00	$0

Subtotal B – Traffic Signals: **$2,801,250.00** **$200,000**

Schedule C – Trunk Storm Sewer Improvements & Outfall to River

Item	Description	Extension	
1.	Jack 60" Casing	$78,000.00	
2.	Jack 48" RCP	$126,000.00	
3.	48" Carrier Pipe	$13,760.00	
4.	42" RC Pipe Sewer Design 3006 CL III	$21,600.00	
5.	48" RC Pipe Sewer Design 3006 CL III	$13,760.00	
6.	Jack 42" RCP	$434,000.00	
7.	42" FES	$3,200.00	
8.	48" FES	$15,200.00	
9.	42" Outlet Structure	$5,000.00	
10.	Skimmer Structure	$12,000.00	
11.	Pond Liner	$254,250.00	
12.	Sand Cushion	$169,200.00	
13.	Storm Manhole	$3,000.00	
	Subtotal:	$1,148,970.00	$0
	OVERHEAD & CONTINGENCY 35%:	$402,139.50	$0

Subtotal C – Trunk Storm Sewer Costs: $1,551,109.50

MAXIMUM TOTAL COUNTY PARTICIPATION: $4,581,500

SCHEDULE D
INSURANCE REQUIREMENTS

Bidders/contractors/consultants shall procure and maintain for the duration of the contract, insurance coverage for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the bidder/contractor/consultant, their agents, representatives, employees or subcontractors. **ANOKA COUNTY CONTRACT NUMBER:** _____.

1. Minimum Scope of Insurance: Coverage shall be at least as broad as follows:

1.1 Insurance Services Office (ISO) Commercial General Liability coverage (occurrence form CG 00 01 or a substitute form providing equivalent coverage), and shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal injury, advertising, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).

1.2 Business Automobile Liability coverage shall be written on ISO form CA 00 01, CA 00 05, CA 00 12, CA 00 20, or substitute for providing equivalent liability coverage. Such insurance shall cover liability arising out of any auto (including owned, hired, and non-owned autos).

1.3 Workers' Compensation as required by the State of Minnesota, and Employer's Liability insurance.

1.4 Professional Liability or Errors and Omissions insurance appropriate for the profession. Coverage shall be maintained for at least two years following the completion of work.

2. Minimum Limits of Insurance: Bidder/contractor/consultant shall maintain **NO LESS THAN:**

2.1 Commercial General Liability (CGL) and if necessary, Commercial Umbrella Liability: $1,000,000 each occurrence. If Commercial General Liability insurance contains a general aggregate limit, it shall apply separately to this project/location, or the general aggregate limit shall be twice the required occurrence limit.

2.2 Business Automobile Liability and if necessary, Commercial Umbrella Liability: $1,000,000 each accident for bodily injury and property damage.

2.3 Employers Liability: as required by the State of Minnesota

2.4 Professional Liability or Errors and Omissions: $1,000,000 per occurrence.

3. Deductibles and Self-Insured Retention

Any deductibles or self-insured retention must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects Anoka County, agents, officers, directors, and employees; or the bidder/contractor/consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses; or the bidder/contractor/consultant shall provide County-requested financial statements for the

purpose of verifying financial solvency, and acceptance of deductibles or self-insured retention based on this verification.

4. Other Insurance Provisions

4.1 The General Liability policy is to contain, or be endorsed to contain, the following provision: **Anoka County, its agents, officers, directors, and employees are to be covered as an additional insured for all liability coverages using ISO additional insured endorsement CG 20 10 or substitute providing equivalent coverage.** This insurance shall apply as primary insurance with respect to any other insurance or self-insurance program. The County's insurance shall be excess of the contractor/consultant's insurance and shall not contribute to it. The contractor/consultant's coverage shall contain no special limitations on the scope of protection afforded to the County, its agents, officers, directors, and employees.

4.2 Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the County, its officers, officials, employees or volunteers.

4.3 Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, or canceled by either party, reduced in coverage or in limits, or non-renewed, except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the County.

4.4 The Contractor shall include all subcontractors as insured under its policies or **furnish separate certificates and endorsements for each subcontractor where applicable.** All coverage for subcontractors shall be subject to all of the requirements stated herein.

4.5 Each insurance policy shall include an endorsement that waives any claim or right in the nature of subrogation to recover against the County, its agents, officers, directors, and employees.

5. Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best rating of A:VII, unless otherwise acceptable to the County.

6. Verification of Coverage

Contractor shall furnish the County with certificates of insurance and original endorsements effecting coverage required by this clause. ***The certificate attached to this contract should be signed by a person authorized by that insurer to bind coverage on its behalf. A certificate other than the one attached may be used if coverages and endorsements match or exceed the coverages identified on the attached certificate.*** All certificates and endorsements are to be received and approved by the County before work commences. The County reserves the right to require complete, certified copies of all required insurance policies and endorsements at any time.

SCHEDULE E
INSURANCE REQUIREMENTS

Bidders/contractors/consultants shall procure and maintain for the duration of the contract, insurance coverage for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the bidder/contractor/consultant, their agents, representatives, employees or subcontractors. **ANOKA COUNTY CONTRACT NUMBER:** _____.

1. Minimum Scope of Insurance: Coverage shall be at least as broad as follows:

1.1 Insurance Services Office (ISO) Commercial General Liability coverage (occurrence form CG 00 01 or a substitute form providing equivalent coverage), and shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal injury, advertising, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).

1.2 Business Automobile Liability coverage shall be written on ISO form CA 00 01, CA 00 05, CA 00 12, CA 00 20, or substitute for providing equivalent liability coverage. Such insurance shall cover liability arising out of any auto (including owned, hired, and non-owned autos).

1.3 Workers' Compensation as required by the State of Minnesota, and Employer's Liability insurance.

1.4 Umbrella Liability insurance.

2. Minimum Limits of Insurance: Bidder/contractor/consultant shall maintain **NO LESS THAN:**

2.1 Commercial General Liability (CGL) and if necessary, Commercial Umbrella Liability: $2,000,000 each occurrence. If Commercial General Liability insurance contains a general aggregate limit, it shall apply separately to this project/location, or the general aggregate limit shall be twice the required occurrence limit.

2.2 Business Automobile Liability and if necessary, Commercial Umbrella Liability: $2,000,000 each accident for bodily injury and property damage.

2.3 Employers Liability: $1,000,000 for bodily injury or disease.

2.4 Umbrella Liability: $1,000,000 each occurrence.

3. Deductibles and Self-Insured Retention

Any deductibles or self-insured retention must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retention as respects Anoka County, agents, officers, directors, and employees; or the bidder/contractor/consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses; or the bidder/contractor/consultant

shall provide County-requested financial statements for the purpose of verifying financial solvency, and acceptance of deductibles or self-insured retention based on this verification.

4. Other Insurance Provisions

4.1 The General Liability policy is to contain, or be endorsed to contain, the following provision: **Anoka County, its agents, officers, directors, and employees are to be covered as an additional insured for all liability coverages using ISO additional insured endorsement CG 20 10 or substitute providing equivalent coverage.** This insurance shall apply as primary insurance with respect to any other insurance or self-insurance program. The County's insurance shall be excess of the contractor/consultant's insurance and shall not contribute to it. The contractor/consultant's coverage shall contain no special limitations on the scope of protection afforded to the County, its agents, officers, directors, and employees.

4.2 Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the County, its officers, officials, employees or volunteers.

4.3 Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, or canceled by either party, reduced in coverage or in limits, or non-renewed, except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the County.

4.4 The Contractor shall include all subcontractors as insured under its policies or **furnish separate certificates and endorsements for each subcontractor where applicable.** All coverage for subcontractors shall be subject to all of the requirements stated herein.

4.5 Each insurance policy shall include an endorsement that waives any claim or right in the nature of subrogation to recover against the County, its agents, officers, directors, and employees.

5. Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best rating of A:VII, unless otherwise acceptable to the County.

6. Verification of Coverage

Contractor shall furnish the County with certificates of insurance and original endorsements effecting coverage required by this clause. ***The certificate attached to this contract should be signed by a person authorized by that insurer to bind coverage on its behalf. A certificate other than the one attached may be used if coverages and endorsements match or exceed the coverages identified on the attached certificate.*** All certificates and endorsements are to be received and approved by the County before work commences. The County reserves the right to require complete, certified copies of all required insurance policies and endorsements at any time.

Anoka County Contract No. 2005-0516A

AMENDMENT NO. 1
TO JOINT POWERS AGREEMENT
BETWEEN ANOKA COUNTY AND THE CITY OF RAMSEY
FOR THE PUBLIC WORKS IMPROVEMENTS
RELATED TO THE RAMSEY TOWN CENTER DEVELOPMENT
RAMSEY, MINNESOTA

THIS AMENDMENT is made this _____ day of February, 2009, the date of the signature of the parties notwithstanding, by and between the County of Anoka, a political subdivision of the State of Minnesota, 2100 Third Avenue, Anoka, Minnesota 55303, hereinafter referred to as the "County," and the City of Ramsey, 15153 Nowthen Boulevard, Ramsey, Minnesota 55303, hereinafter referred to as the "City."

WITNESSETH:

WHEREAS, the County wishes to amend its Joint Powers Agreement with the City for public works improvements related to the Ramsey Town Center Development, Ramsey, Minnesota dated May 12, 2005; and

WHEREAS, Paragraph 20 ENTIRE AGREEMENT REQUIREMENT OF A WRITING of said Agreement provides that any alterations, variations or modifications of the provisions of this Agreement shall be valid only when they have been reduced to writing and duly signed by the parties.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter stated or contained in the Agreement, the parties do hereby agree as follows:

1. The parties agree to delete Section 5, B. in its entirety and replace it with the following:

1. The County and City agree that a grade separated interchange should be designed for the intersection of Trunk Highway 10 and Armstrong Boulevard. The County shall issue a request for proposals and contract for the preliminary design and environmental documentation for the grade separation. The County and City shall each pay 50% of the cost for the preliminary design and environmental documentation. Upon award of the contract for said work, the City shall pay to the County one-half of the cost of the contracted amount. Upon completion of the work the City shall pay the County one-half of any increase in the contract amount. If the actual contract price is less the contracted amount

the County shall reimburse the City one-half of the difference between the contracted amount and the actual contract price. Both the County and City agree to pursue all other funding sources to assist with the payment for the interchange project.

2. Only one access point to Armstrong Boulevard shall be allowed between Trunk Highway 10 and Bunker Lake Boulevard.

3. Full traffic actuated signal systems will be installed at the intersections of Bunker Lake Boulevard and Armstrong Boulevard, and at the intersection of West Ramsey Parkway. A grade separated crossing shall be constructed at the intersection of Armstrong Boulevard and Sunwood Drive. All signals on Bunker Lake Boulevard shall be interconnected with an interconnect system compatible with other County interconnects.

2. **The parties agree to amend Paragraph 5.D. by adding the following:**

The City shall provide the construction inspection with its own personnel. The City shall reimburse the County for all construction survey work and construction administration related to the project. Anoka County contract number 2007-0604 is a joint powers agreement between the City and County relating to the turnback of County Road 63. That joint powers agreement contemplates that the County will make a payment to the City in the amount of $425,000.00. In lieu of making the payment under contract number 2007-0604, the County shall deduct said amount from the amount the City is required to reimburse the County under this agreement.

3. **This Amendment is hereby made a part of and shall be amended to the Agreement of the parties.**

4. **All other terms and conditions of the original Agreement shall remain in full force and effect.**

IN WITNESS WHEREOF, the parties have signed this Amendment on the dates written below.

COUNTY OF ANOKA

By: _____
Dennis D. Berg, Chair
Board of Commissioners

Dated: 4/7/09

CITY OF RAMSEY

By: _____
Bob Ramsey
Mayor

Dated: 4-1-09

ATTEST

By: _____
Terry L. Johnson
County Administrator

Dated: 4/7/09

By: _____
Kurtis G. Ulrich
City Administrator

Dated: 4/1/09

APPROVED AS TO FORM

By: _____
Dan Klint
Assistant County Attorney

Dated: 4-8-09

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Anoka County Contract No. 2005-0516B

AMENDMENT NO. 2
TO JOINT POWERS AGREEMENT
BETWEEN ANOKA COUNTY AND THE CITY OF RAMSEY
FOR THE PUBLIC WORKS IMPROVEMENTS
RELATED TO THE RAMSEY TOWN CENTER DEVELOPMENT
RAMSEY, MINNESOTA

THIS AMENDMENT is made this _____ day of February, 2012, the date of the signature of the parties notwithstanding, by and between the County of Anoka, a political subdivision of the State of Minnesota, 2100 Third Avenue, Anoka, Minnesota 55303, hereinafter referred to as the "County," and the City of Ramsey, 15153 Nowthen Boulevard, Ramsey, Minnesota 55303, hereinafter referred to as the "City."

WITNESSETH:

WHEREAS, the County wishes to amend its Joint Powers Agreement with the City for public works improvements related to the Ramsey Town Center (RTC) Development, Ramsey, Minnesota dated May 12, 2005; and

WHEREAS, Paragraph 20 ENTIRE AGREEMENT REQUIREMENT OF A WRITING of said Agreement provides that any alterations, variations or modifications of the provisions of this Agreement shall be valid only when they have been reduced to writing and duly signed by the parties.

WHEREAS, the City has made improvements to the transportation system in and around the RTC (Currently referred to as "The COR"), that greatly improve the movement of traffic in the COR and on surrounding Streets and Highways and rail related safety improvements.

Whereas, the County has worked to improve the overall transportation system throughout Anoka County and wishes to participate in these additional system wide improvements.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter stated or contained in the Agreement, the parties do hereby agree as follows:

1. **The parties agree to add to Section 9. DISBURSEMENT OF FUNDS the following:**

The County and City agree that the County shall pay to the City an additional Sum of $1,700,000 as a lump sum payment to be used by the City for additional transportation improvements in the area of the RTC (COR). Said payment to be made after this amendment is fully executed and within 30 days of the County receiving an invoice from the City for that amount.

2. This Amendment is hereby made a part of and shall be amended to the Agreement of the parties.

3. All other terms and conditions of the original Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have signed this Amendment on the dates written below.

COUNTY OF ANOKA

By: _____
Rhonda Sivarajah, Chair
Board of Commissioners

Dated: 3-20-12

CITY OF RAMSEY

By: _____
Bob Ramsey, Mayor

Dated: 3/8/12

ATTEST

By: _____
Jerry Soma
County Administrator

Dated: 3-20-12

ATTEST

By: _____
Kurtis Ulrich
City Administrator

Dated: 3/8/12

APPROVED AS TO FORM

By: _____
Dan Klint
Assistant County Attorney

Dated: 3-21-12

By: _____
William K. Goodrich
City of Ramsey City Attorney

Dated: 3/8/12

Capital Improvement Program

2020 *thru* **2029**

City of Ramsey, Minnesota

Project # **04-STR-014**

Project Name **COR Bunker Lake Blvd (Armstrong to Ramsey Blvd)**

Department Street Improvements
Contact Unassigned
Type Improvement
Useful Life 60 Years
Category Street Improvement
Priority 4-New Addition (Med)
Status Active

Total Cost **$5,020,000**

Description

Upgrades Bunker Lake Blvd between Armstrong and Ramsey Blvds, necessitated by the COR Development. Upgrades include traffic signals at Town Center Drive.

Total Cost for Bunker Lake Blvd. = $4,870,000
Street Improvements: $3,650,000
Bunker & Sunwood Signal: $350,000
Storm Water Improvements: $530,000
Water Utility Improvements: $340,000
Total Cost for Regional Roadway improvements = $14,607,860 (Per JPA)

Justification

The construction of the COR will add additional traffic to Bunker Lake Blvd. This project will upgrade Bunker Lake Blvd to handle traffic from the COR.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Improvements Other than Building Cost	400,000	4,620,000									5,020,000
Total	**400,000**	**4,620,000**									**5,020,000**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
MSA		350,000									350,000
Tax Increment Fund #2		1,500,000									1,500,000
Tax Increment Fund #1		1,000,000									1,000,000
Storm Water Utility Fund		530,000									530,000
Street Light Utility Fund		150,000									150,000
Water Utility Fund		340,000									340,000
Tax Increment Fund #14 (BONDING)	400,000	750,000									1,150,000
Total	**400,000**	**4,620,000**									**5,020,000**


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community, LOGIS

CC Regular Session **5. 10.**

Meeting Date: 04/14/2020

By: Bruce Westby, Engineering/Public Works

Information

Title

Adopt Resolution #20-073 Approving Plans and Specifications and Authorizing Advertisements for Bids for 2020 Crack Sealing Improvements, Improvement Project #20-00

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #20-073 approving plans and specifications and authorizing advertisements for bids for 2020 Crack Sealing Improvements, Improvement Project #20-00.

Background:

Crack seal improvements are completed annually on between 13 and 23 miles of public street segments to cost-effectively maximize the life of the bituminous pavement.

Crack sealing protects pavement by preventing stormwater runoff from seeping through cracks in the pavement and joints between the pavement and concrete curb and gutter and utility castings, reducing future pavement damage due to wet subgrade soils, especially during freeze-thaw cycles.

The City's current pavement maintenance schedule calls for public streets to be crack sealed the third, seventh, and fourteenth year following construction, reconstruction, and overlay improvements. However, while this is the typical maintenance schedule it is important to note that Staff reviews the condition of all streets annually and adjusts the schedule of maintenance operations based on actual pavement conditions.

A total of 15.74 miles of public street segments are proposed to receive crack seal improvements in 2020. These street segments were selected based on age, pavement maintenance history, and Pavement and Surface Evaluation Rating (PASER) values. Crack seal improvements are typically performed on pavement sections with PASER ratings of 7 or higher. Staff also attempts to select street segments that are in relatively close proximity to each other in an attempt to receive lower bid prices for mobilization and traffic control bid items.

Plans and specifications for the 2020 Crack Sealing Improvements were prepared in-house as part of Staff's normal duties. A copy of the plans are attached to this case.

Also attached is a figure showing which streets are proposed to receive crack seal improvements to the entire pavement surface (red lines) versus streets that are only proposed to receive crack seal improvements along the seam between the pavement and concrete gutter (blue lines). This is an area of special concern since gutters convey large volumes of stormwater runoff and the seam between the pavement and gutter runs parallel to the direction of flow. Therefore, any time this seam opens up it can allow large volumes of water to infiltrate into and beneath the pavement section.

Notification:

No notifications were required for this case. However, upon adopting Resolution #20-073, advertisements for bids will be published in the Anoka Union Herald and in Finance and Commerce on April 17th, and again on April 24th.

Observations/Alternatives:

Observations:
Similar to all improvement projects over the past couple of years, bids will be accepted and managed on-line through QuestCDN. This will prove especially useful during the current pandemic since it will not limit the ability for contractors to submit bids, for the City to receive and accept bids, or for attendance during the public bid opening.

Bids will be publicly opened (on-line) on May 15th. The City Council will be asked to accept bids and award a contract for construction on May 26th.

The 2020 crack seal improvements are anticipated to occur between mid-June and mid-August. The work itself generally takes two to three weeks to complete once the Contractor commits their crews to the project. Staff will maintain a project webpage, and will update it as new information is made available. Letters will not be mailed to notify the public of the 2020 crack seal improvements since the work occurs quickly and has little to no impact on the traveling public or abutting properties.

Alternatives:
Alternative #1 - Motion to adopt Resolution #20-073 approving plans and specifications and authorizing advertisements for bids for 2020 Crack Seal Improvements, Improvement Project #20-00.

Funding Source:
Estimated project costs for the proposed 2020 crack seal improvements total $180,000. This includes 14% indirect costs for administrative, engineering, legal and financing. Based on available information, Staff anticipates that the bid prices for the 2020 crack seal improvements should be similar to the 2019 crack seal bid prices. Considering that oil prices are currently low, bids may come in low so Staff included excess street segments in an attempt to ensure that the entire allocation of $150,000 will be spent. Conversely, if bids come in higher than anticipated, Staff will be prepared to remove some street segments from the project upon direction from Council when bids are presented on May 26th.

Since 2015, the City of Ramsey has annually budgeted $500,000 for crack seal and sealcoat improvements. Resolution #20-038, which was adopted by Council on February 18, 2020, indefinitely suspended annual sealcoat improvements, and reallocated $150,000 from the annual crack seal and sealcoat budget for completing 2020 crack seal improvements.

Special assessments are not proposed to fund any portion of this project.

Recommendation:
Staff recommends Alternative Action #1.

Action:
Adopt Resolution #20-073 approving plans and specifications and authorizing advertisements for bids for 2020 Crack Sealing Improvements, Improvement Project #20-00.

Attachments

Resolution 20-073
IP 20-00 Plans
Pavement vs Gutter Crack Seals

Form Review

Inbox	Reviewed By	Date
Grant Riemer	Grant Riemer	04/09/2020 12:35 PM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:25 PM
Form Started By: Bruce Westby		Started On: 04/06/2020 04:01 PM

Final Approval Date: 04/09/2020

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-073

RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND AUTHORIZING ADVERTISEMENTS FOR BIDS FOR 2020 CRACK SEALING IMPROVEMENTS, IMPROVEMENT PROJECT #20-00

WHEREAS, the City of Ramsey adopted a budget for 2020 including $500,000 to crack seal and sealcoat the bituminous pavement on numerous public street segments in support of the City's Pavement Management Program; and

WHEREAS, pursuant to adoption of Resolution #20-038 on February 18, 2020, annual sealcoat improvements were indefinitely suspended and $150,000 was allocated from the 2020 crack seal and sealcoat budget for the express purpose of completing crack sealing improvements in 2020; and

WHEREAS, the City Engineer has prepared plans and specifications for the purpose of advertising bids for 2020 crack sealing improvements.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1) The City Council hereby approves final plans and specifications as prepared by the City Engineer with reference to the 2020 Crack Sealing Improvements, Improvement Project #20-00, and authorizes the advertisement of bids for the same improvements.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

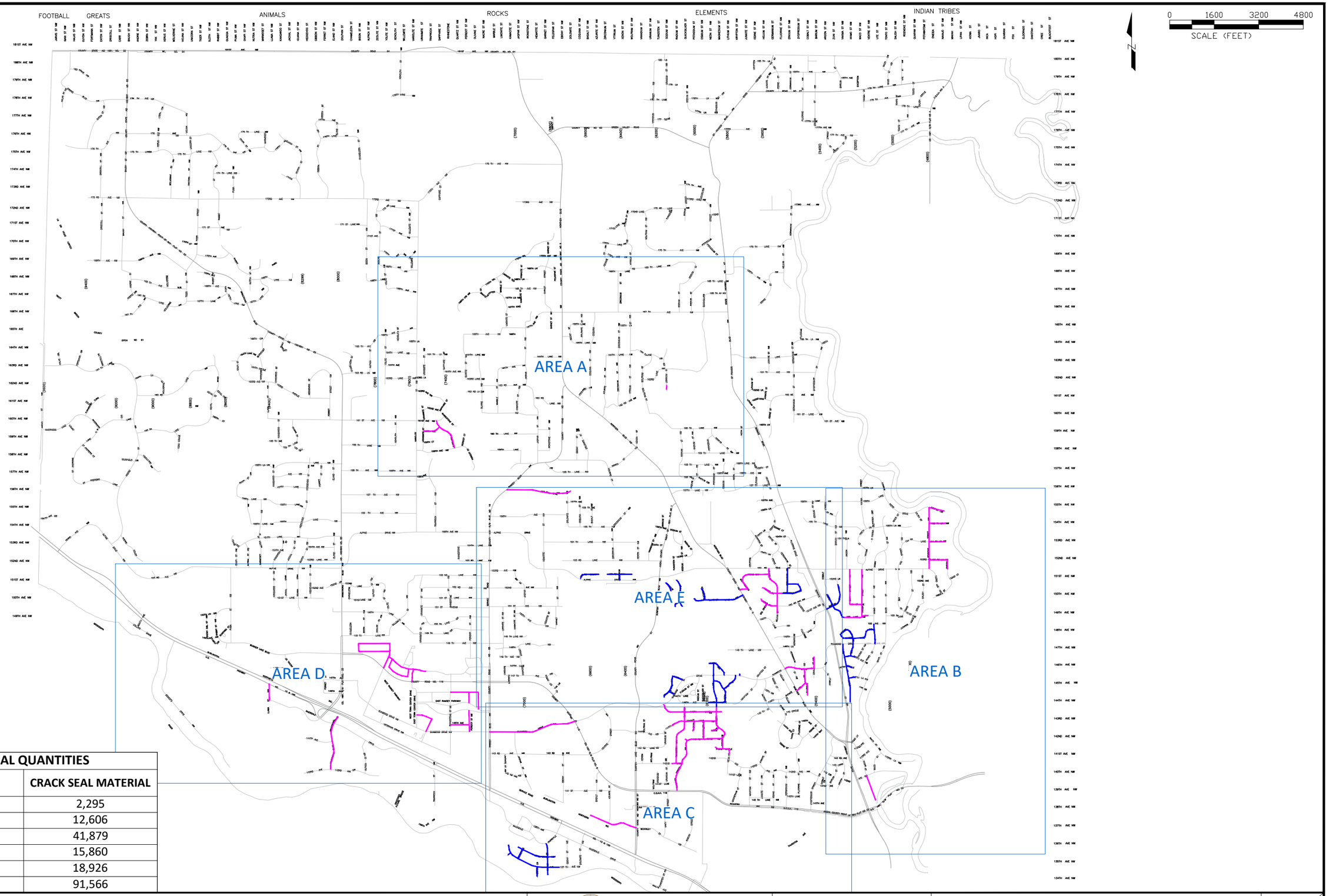
and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

_____
Mayor

ATTEST:

_____
City Clerk



2020 CRACK SEAL QUANTITIES		
AREA	MILES	CRACK SEAL MATERIAL
A	0.38	2,295
B	3.47	12,606
C	4.69	41,879
D	2.62	15,860
E	4.58	18,926
TOTAL	15.74	91,566

CRACK SEAL

FRONT CURB CRACK SEAL ONLY

NOTE: CRACK SEAL - INCLUDES FRONT OF CONCRETE CURB
FRONT OF CURB IS CONSIDERED EDGE BETWEEN CONCRETE CURB AND GUTTER WITH EDGE OF BITUMINOUS PAVEMENT.

City of RAMSEY

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OVERAL MAP

2020 CRACK SEAL IMPROVEMENTS
CITY PROJECT NO. 20-00
CITY OF RAMSEY, MINNESOTA

SHEET 1 OF 6 SHEETS

0 400 800 1200
SCALE (FEET)

AREA A CRACK SEAL QUANTITIES

SUBDIVISION	PROGRAM	MILES	CRACK SEAL MATERIAL
VOLTINS OAK HILL ESTATES	CS	0.03	414
WOODLANDS 3RD	CS	0.35	639
TOTALS		0.38	2,295

CRACK SEAL

FRONT CURB CRACK SEAL ONLY

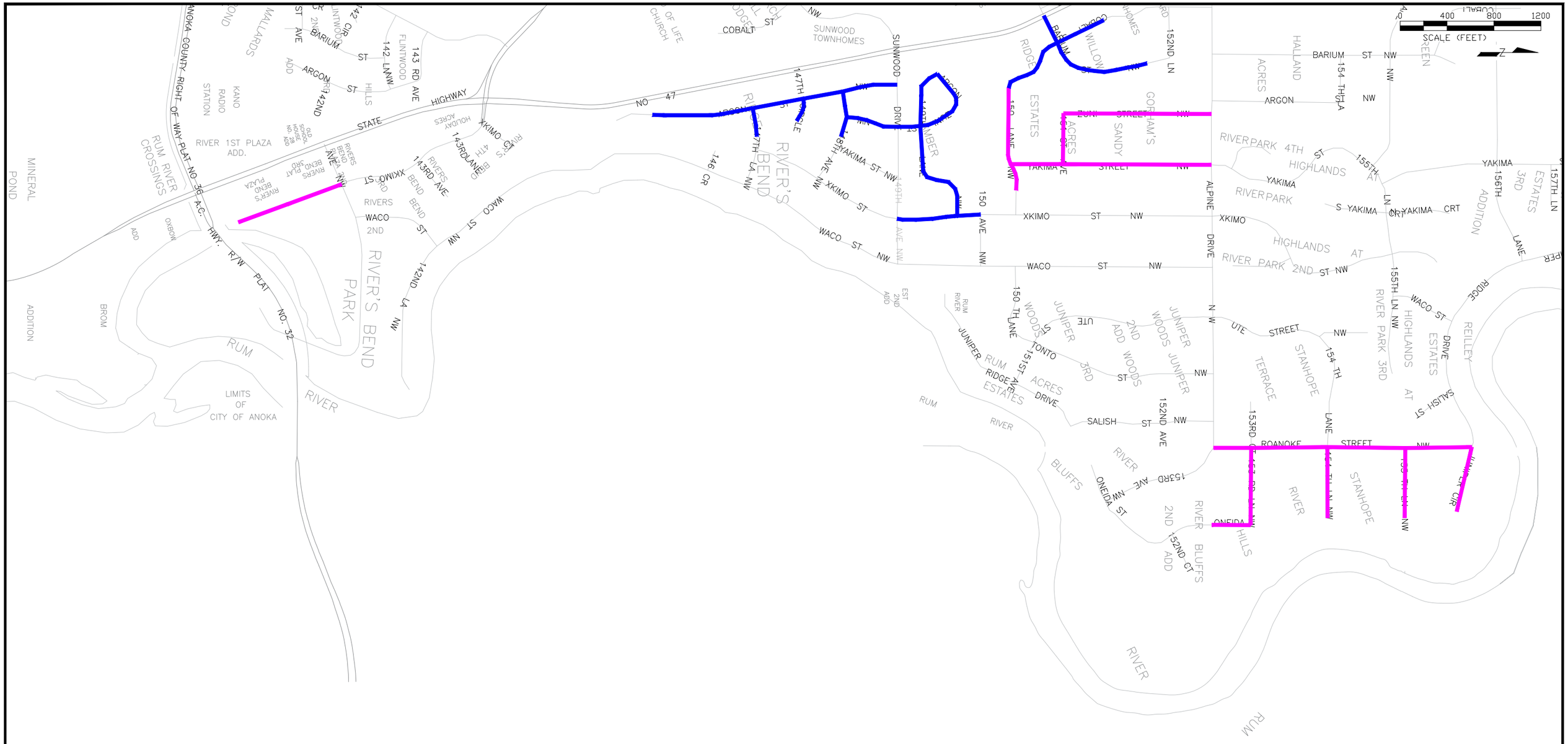
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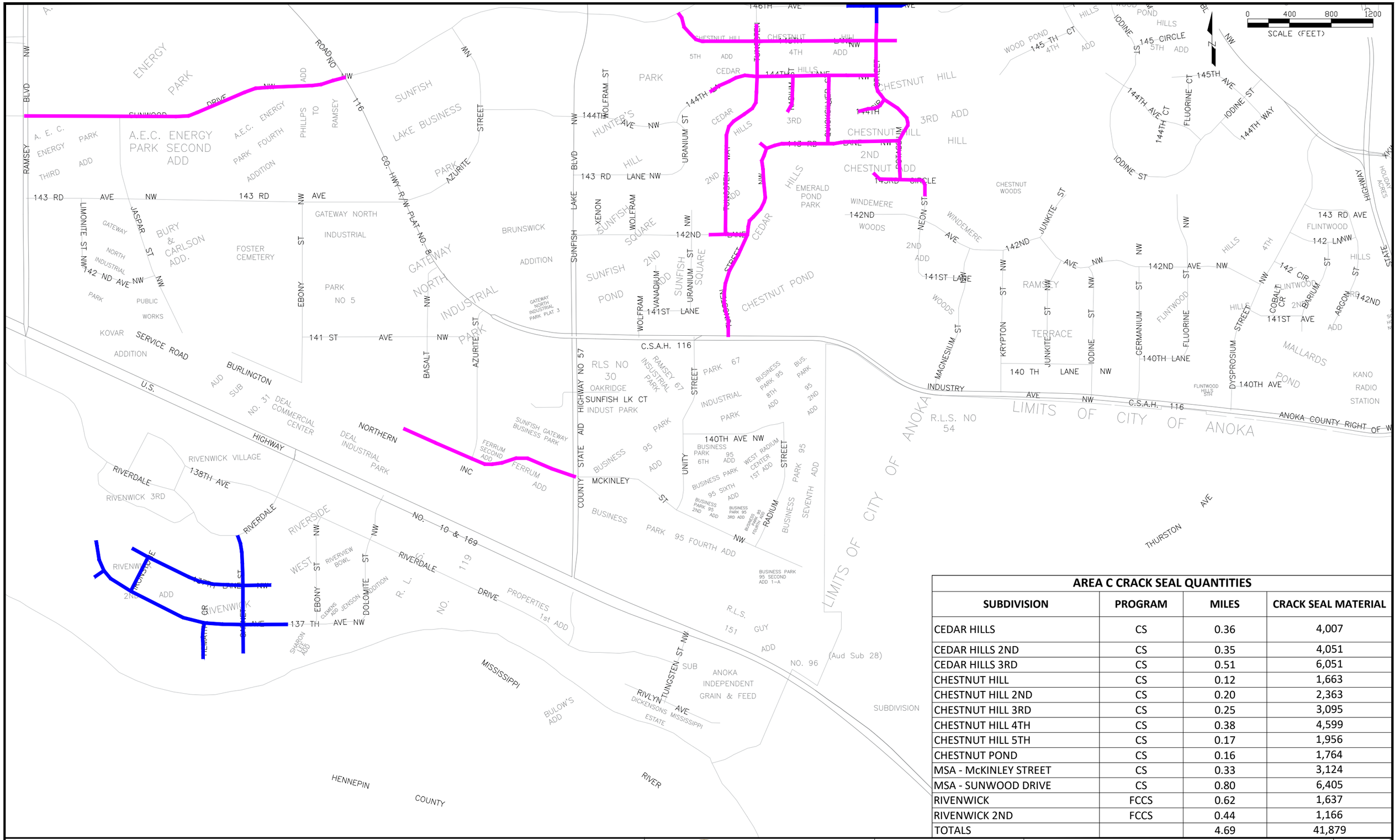
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AREA A

2020 CRACK SEAL IMPROVEMENTS
CITY PROJECT NO. 20-00
CITY OF RAMSEY, MINNESOTA

SHEET 2 OF 6 SHEETS


0 400 800 1200
SCALE (FEET)
N
ANOKA COUNTY RIGHT OF WAY PLAT NO. 36
HWY. R/W PLAT NO. 32
RUM RIVER CROSSINGS
MINERAL POND
RIVER 1ST PLAZA ADD.
RIVERS BEND PLAZA
RIVER'S BEND PARK
RIVERS BEND 2ND ADD
RIVERS BEND 3RD ADD
RIVERS BEND PLAZA 3RD ADD
RIVERS BEND PLAZA
RIVERS BEND BLVD
RIVERS BEND 4TH ADD
RIVERS BEND 143RD AVE
RIVERS BEND 143RDLANE
RIVERS BEND 142ND LA NW
RIVERS BEND 147TH LA NW
RIVERS BEND 147TH LANE NW
RIVERS BEND 148TH AVE NW
RIVERS BEND 149TH LANE NW
RIVERS BEND 150TH LANE NW
RIVERS BEND 151ST AVE NW
RIVERS BEND 152ND LN NW
RIVERS BEND 153RD AVE NW
RIVERS BEND 154TH LN NW
RIVERS BEND 155TH LN NW
RIVERS BEND 156TH LN NW
RIVERS BEND 157TH LN NW
RIVERS BEND 146 CR
RIVERS BEND 147TH LANE NW
RIVERS BEND 147TH LA NW
RIVERS BEND 148TH AVE NW
RIVERS BEND 149TH LANE NW
RIVERS BEND 150TH LANE NW
RIVERS BEND 151ST AVE NW
RIVERS BEND 152ND LN NW
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RIVERS BEND 154TH LN NW
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RIVERS BEND 156TH LN NW
RIVERS BEND 157TH LN NW
RIVERS BEND 146 CR
RIVERS BEND 147TH LANE NW
RIVERS BEND 147TH LA NW
RIVERS BEND 148TH AVE NW
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RIVERS BEND 153RD AVE NW
RIVERS BEND 154TH LN NW
RIVERS BEND 155TH LN NW
RIVERS BEND 156TH LN NW
RIVERS BEND 157TH LN NW
LIMITS OF CITY OF ANOKA
RUM RIVER
RUM RIVER BLUFFS
RUM RIVER HILLS
RUM RIVER HILLS 2ND ADD
RUM RIVER HILLS 152ND CT
RUM RIVER HILLS 153RD AVE NW
RUM RIVER HILLS ONEIDA ST
RUM RIVER HILLS ONEIDA CIR
RUM RIVER HILLS ROANOKE STREET NW
RUM RIVER HILLS SALISH ST
RUM RIVER HILLS SALISH ST CIR
RUM RIVER HILLS UTE STREET NW
RUM RIVER HILLS WACO ST
RUM RIVER HILLS XKIMO ST NW
RUM RIVER HILLS YAKIMA CRT
RUM RIVER HILLS YAKIMA ST NW
RUM RIVER HILLS 146 CR
RUM RIVER HILLS 147TH LA NW
RUM RIVER HILLS 147TH LANE NW
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RUM RIVER HILLS 157TH LN NW
RUM RIVER
RUM RIVER
RUM RIVER



AREA C CRACK SEAL QUANTITIES

SUBDIVISION	PROGRAM	MILES	CRACK SEAL MATERIAL
CEDAR HILLS	CS	0.36	4,007
CEDAR HILLS 2ND	CS	0.35	4,051
CEDAR HILLS 3RD	CS	0.51	6,051
CHESTNUT HILL	CS	0.12	1,663
CHESTNUT HILL 2ND	CS	0.20	2,363
CHESTNUT HILL 3RD	CS	0.25	3,095
CHESTNUT HILL 4TH	CS	0.38	4,599
CHESTNUT HILL 5TH	CS	0.17	1,956
CHESTNUT POND	CS	0.16	1,764
MSA - McKINLEY STREET	CS	0.33	3,124
MSA - SUNWOOD DRIVE	CS	0.80	6,405
RIVENWICK	FCCS	0.62	1,637
RIVENWICK 2ND	FCCS	0.44	1,166
TOTALS		4.69	41,879

CRACK SEAL

FRONT CURB CRACK SEAL ONLY

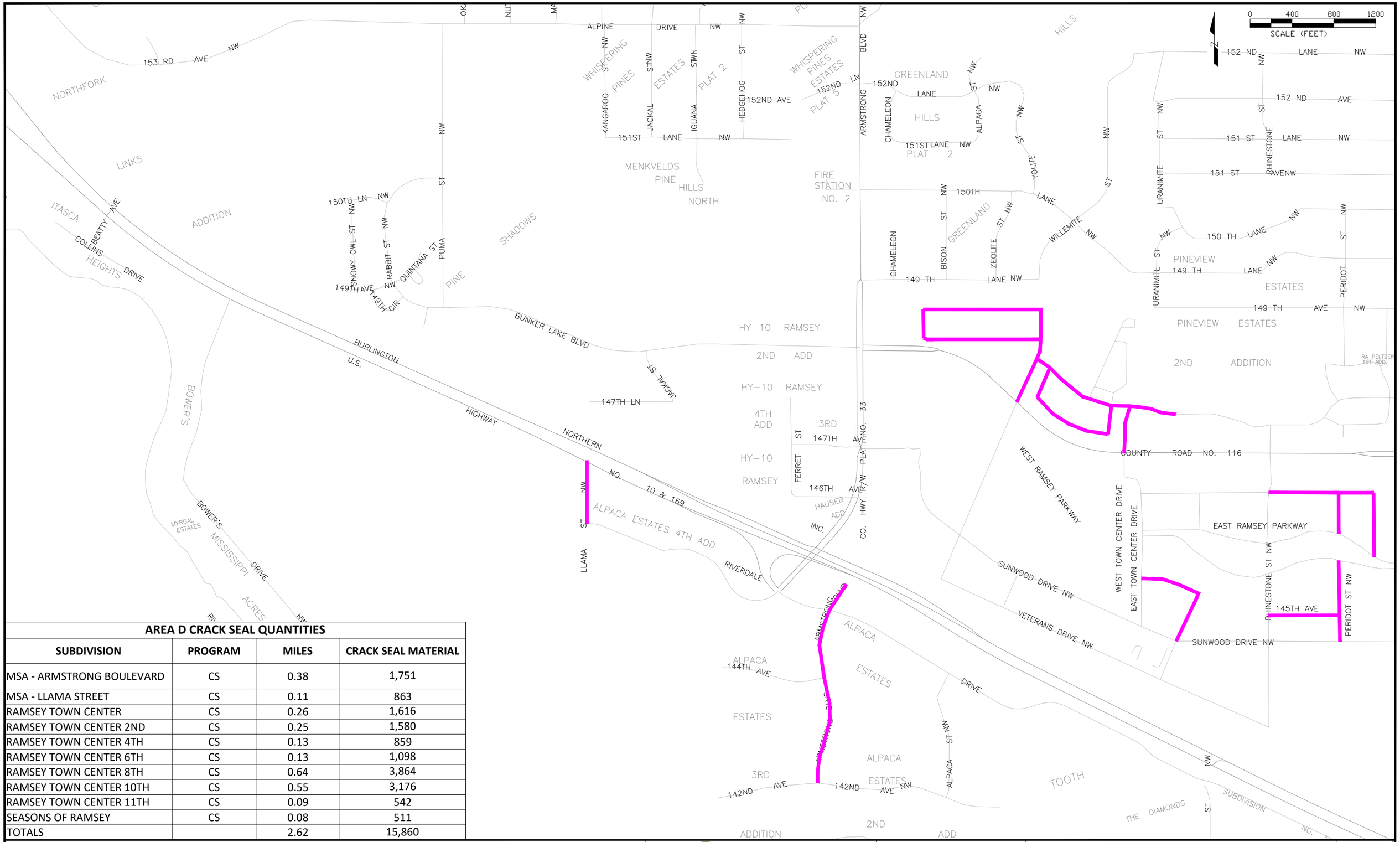
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City of RAMSEY

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AREA C

2020 CRACK SEAL IMPROVEMENTS
CITY PROJECT NO. 20-00
CITY OF RAMSEY, MINNESOTA



AREA D CRACK SEAL QUANTITIES

SUBDIVISION	PROGRAM	MILES	CRACK SEAL MATERIAL
MSA - ARMSTRONG BOULEVARD	CS	0.38	1,751
MSA - LLAMA STREET	CS	0.11	863
RAMSEY TOWN CENTER	CS	0.26	1,616
RAMSEY TOWN CENTER 2ND	CS	0.25	1,580
RAMSEY TOWN CENTER 4TH	CS	0.13	859
RAMSEY TOWN CENTER 6TH	CS	0.13	1,098
RAMSEY TOWN CENTER 8TH	CS	0.64	3,864
RAMSEY TOWN CENTER 10TH	CS	0.55	3,176
RAMSEY TOWN CENTER 11TH	CS	0.09	542
SEASONS OF RAMSEY	CS	0.08	511
TOTALS		2.62	15,860

CRACK SEAL

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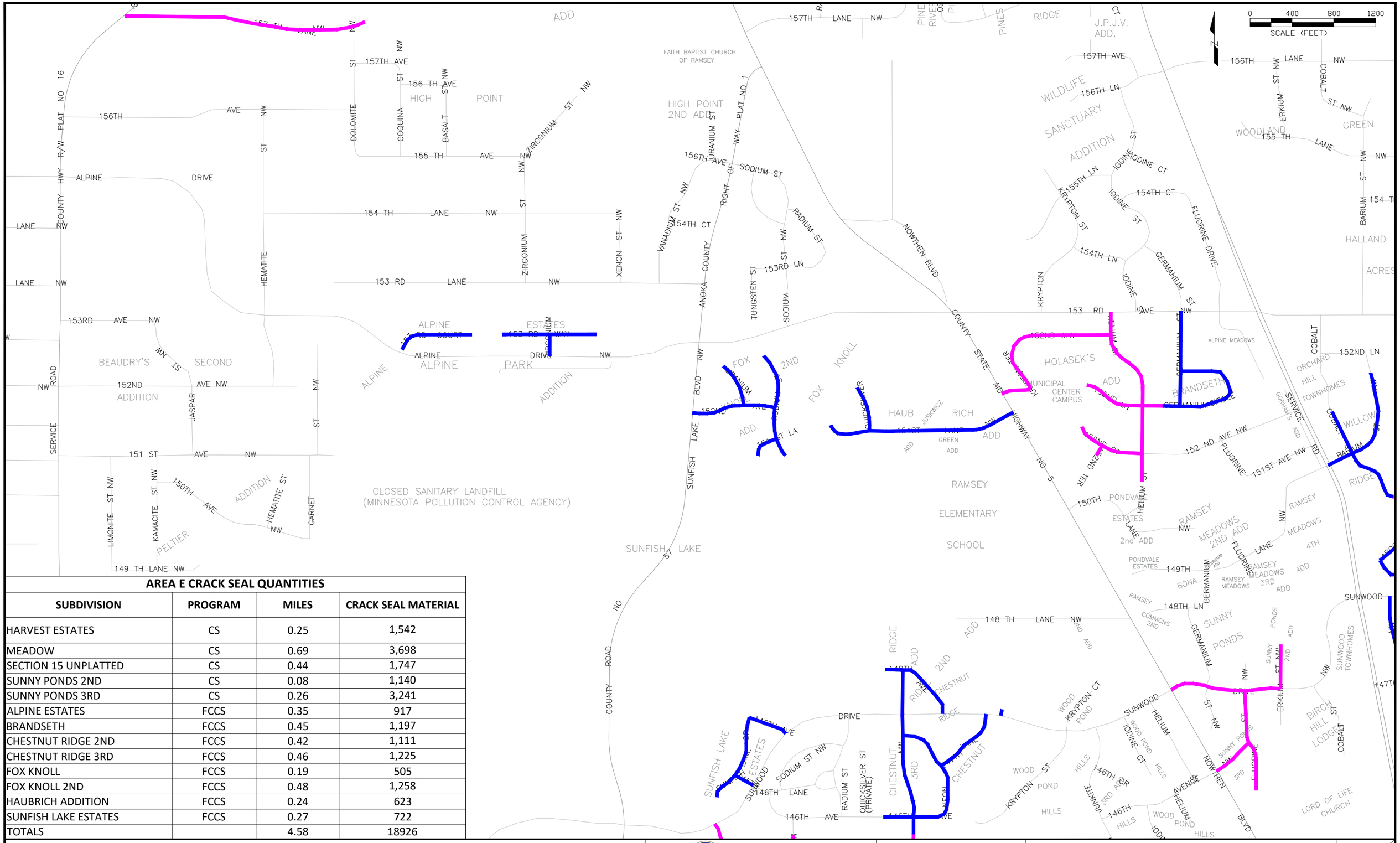
City of RAMSEY

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AREA D

2020 CRACK SEAL IMPROVEMENTS
CITY PROJECT NO. 20-00
CITY OF RAMSEY, MINNESOTA

SHEET 5 OF 6 SHEETS



AREA E CRACK SEAL QUANTITIES

SUBDIVISION	PROGRAM	MILES	CRACK SEAL MATERIAL
HARVEST ESTATES	CS	0.25	1,542
MEADOW	CS	0.69	3,698
SECTION 15 UNPLATTED	CS	0.44	1,747
SUNNY PONDS 2ND	CS	0.08	1,140
SUNNY PONDS 3RD	CS	0.26	3,241
ALPINE ESTATES	FCCS	0.35	917
BRANDSETH	FCCS	0.45	1,197
CHESTNUT RIDGE 2ND	FCCS	0.42	1,111
CHESTNUT RIDGE 3RD	FCCS	0.46	1,225
FOX KNOLL	FCCS	0.19	505
FOX KNOLL 2ND	FCCS	0.48	1,258
HAUBRICH ADDITION	FCCS	0.24	623
SUNFISH LAKE ESTATES	FCCS	0.27	722
TOTALS		4.58	18926

CRACK SEAL

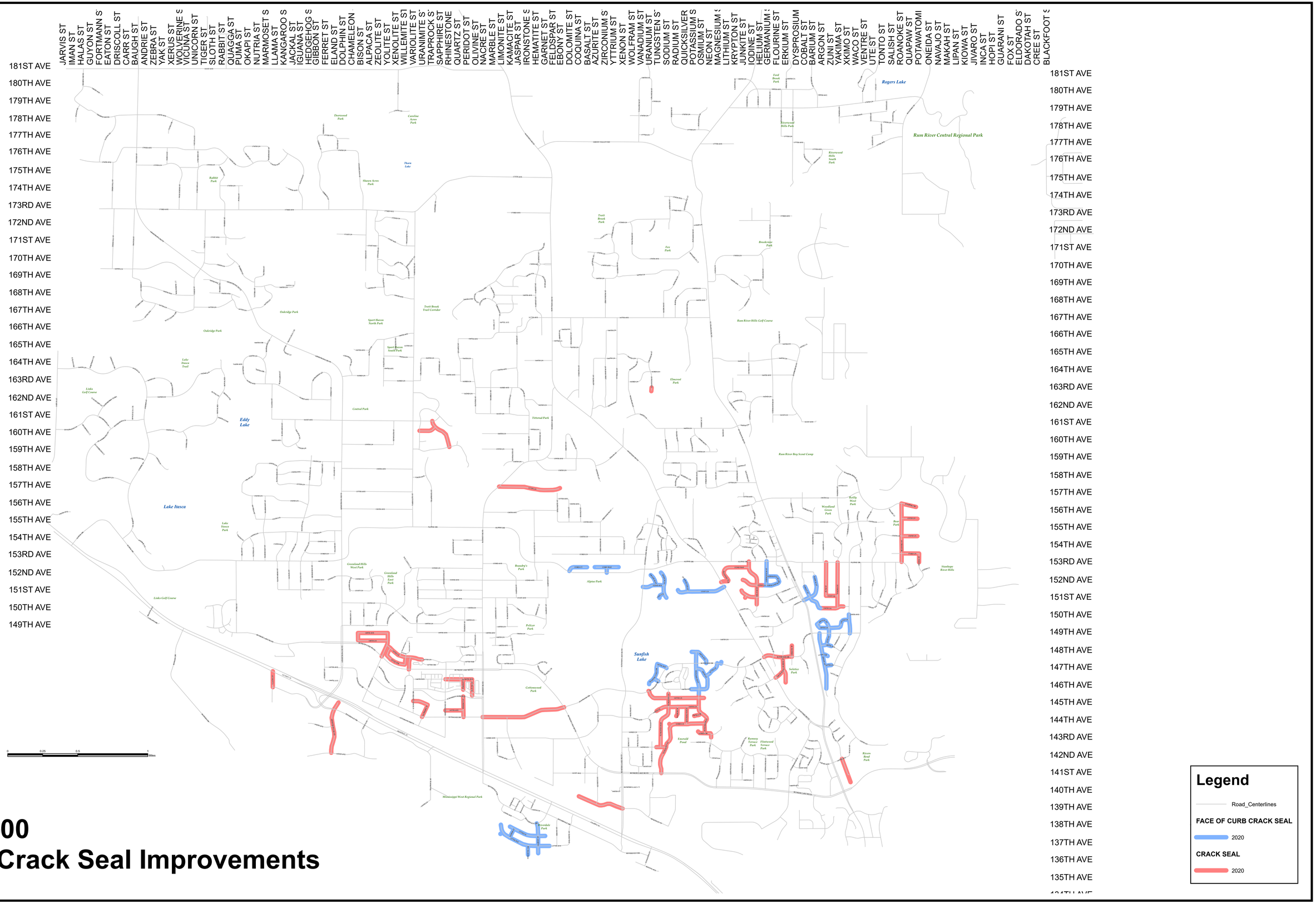
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AREA E

2020 CRACK SEAL IMPROVEMENTS
CITY PROJECT NO. 20-00
CITY OF RAMSEY, MINNESOTA



IP 20-00
2020 Crack Seal Improvements

CC Regular Session **5. 11.**

Meeting Date: 04/14/2020

By: Diana Lund, Finance

Information

Title

Adopt Resolution #20-074 Authorizing the Call of of the Outstanding GO Bonds, Series 2011A

Purpose/Background:

In September 2011 the City issued $4,365,000 General Obligation Bonds to fund the costs related to the Bunker Lake Boulevard and Armstrong Boulevard public improvements and for the project known in 2011 as the Legacy Christian Academy development improvements.

The $4,365,000 bond was broken down into an MSA portion of $2,635,000 for the Bunker Lake/Armstrong Boulevard improvements and $1,730,000 Special Assessment portion related to the Legacy Christian improvements.

The MSA portion of the debt has been backed and paid by the City's MSA (state aid) funds with the annual debt service paid from the city's annual state aid allocation. The MSA portion of the bond was for a period of 10 years with the last debt service payment due in February 2022.

The special assessment portion of the bond has been levied against the property of the Legacy school area for a period of 20 years. The last levied assessment would pay the final debt service in year 2032.

It is proposed that the City pay-off the remaining debt service owing on this bond in June, 2020. The amount outstanding as of this date is $1,833,875.83 ($1,815,000 outstanding principal and $18,875.83 accrued interest). By paying off this bond in June, the City will save almost $311,000 in interest costs that was attributed to the debt service payments through February 2032. The estimated annual interest rate through 2032 is 3.52%

Where will the funding come from?
There are 2 years of debt remaining related to the MSA portion, or $575,000. This money will come from the City's MSA account for which it was originally designated.
Approximately $957,000 has been collected in special assessments and prepayments of special assessments related to parcels being sold in the Legacy school area. When parcels are sold they are required to pay off their related share of special assessments.
The remaining balance of approximately $302,000 will come from the City's capital project fund known as Puma/Bunker Street Improvements in which the remaining special assessments owed will be deposited.

Funding Source:

Please see above for full detail. MSA funds: $575,000, Special Assessments Collected: $957,000 and $302,000 from City's Capital Project fund of Puma/Bunker.

Recommendation:

Staff recommends adoption of Resolution #20-074 which authorizes the calling of the City's 2011A General Obligation bond to save almost $311,000 in interest costs.

Action:

Motion to adopt Resolution #20-074 Authorizing the Call of the Outstanding General Obligation Bonds, Series 2011A.

Attachments

Reso #20-074 Authorizing Call of GO Bonds Series 2011A

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	04/08/2020 05:06 PM
Form Started By: Diana Lund		Started On: 03/12/2020 01:03 PM
Final Approval Date: 04/08/2020		

Councilmember _____introduced the following resolution and moved for its adoption:

RESOLUTION #20-074

RESOLUTION AUTHORIZING THE CALL OF THE OUTSTANDING GENERAL OBLIGATION BONDS, SERIES 2011A

WHEREAS, by Resolution duly adopted on August 23, 2011 (the "Resolution"), the City issued General Obligation Bonds, Series 2011A, in the original principal amount of $4,365,000, dated September 7, 2011 (the "Bonds"). The City proposes to call $1,815,000 principal amount of the Bonds which are the outstanding 2021 through 2032 maturities (the "Outstanding Bonds") on June 1, 2020, at a price of par plus accrued interest.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1. The City Council hereby determines to prepay on June 1, 2020, the Outstanding Bonds and the interest due thereon.

2. Northland Trust Services, Inc., in Minneapolis, Minnesota, the Bond Registrar at which the principal and interest on the Bonds are payable, is hereby authorized and directed to cause the Notice of Call for Redemption attached hereto as Exhibit A to be given in accordance with the provisions of the Resolution.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

_____
Mayor

ATTEST:

_____
City Clerk

STATE OF MINNESOTA
COUNTY OF ANOKA
CITY OF RAMSEY

I, the undersigned, being the duly qualified and acting Administrator of the City of Ramsey, Minnesota, DO HEREBY CERTIFY that I have carefully compared the attached and foregoing extract of minutes with the original thereof on file in my office, and that the same is a full, true and complete transcript of the minutes of a meeting of the City Council duly called and held on the date therein indicated, insofar as such minutes relate to authorizing the call of the outstanding General Obligation Bonds, Series 2011A.

WITNESS my hand officially on April 14, 2020.

_____
Administrator

EXHIBIT A

NOTICE OF CALL FOR REDEMPTION
GENERAL OBLIGATION BONDS, SERIES 2011A
CITY OF RAMSEY, ANOKA COUNTY, MINNESOTA

NOTICE IS HEREBY GIVEN that by order of the City Council of the City of Ramsey, Anoka County, Minnesota, there have been called for redemption and prepayment on

June 1, 2020

those outstanding bonds of the City designated General Obligation Bonds, Series 2011A, dated September 7, 2011 , having stated maturity dates in the years 2021 through 2032 and totaling $1,815,000 in principal amount and having the CUSIP numbers listed below:

Year	Maturity Amount	CUSIP Number*
2021	$370,000	751813 PL4
2022	$380,000	751813 PM2
2024	$185,000	751813 PN0
2026	$200,000	751813 PP5
2028	$210,000	751813 PQ3
2032	$470,000	751813 PS9

The bonds are being called at a price of par plus accrued interest to June 1, 2020, on which date all interest on the bonds will cease to accrue. Holders of the bonds hereby called for redemption are requested to present their bonds for payment at the office of Northland Trust Services, Inc. 150 South Fifth Street, Suite 3300, Minneapolis, Minnesota 55402.

Dated: April 14, 2020.

BY ORDER OF THE CITY COUNCIL
CITY OF RAMSEY, MINNESOTA

/s/ Kurtis Ulrich, Administrator

* The City shall not be responsible for the selection of or use of the CUSIP number, nor is any representation made as to their correctness indicated in the notice. They are included solely for the convenience of the holder.

CC Regular Session **6. 1.**

Meeting Date: 04/14/2020

By: Chris Anderson, Community Development

Information

Title:

PUBLIC HEARING: Adopt Resolution #20-069 Approving a Conditional Use Permit for an Oversized Ground Sign and Wall Signage at 7800 Sunwood Drive NW (Project No. 20-102); Case of New Horizon Academy

Purpose/Background:

On January 17, 2020, New Horizon Real Estate Development 6, LLP (DBA New Horizon Academy) purchased 7800 Sunwood Drive (the "Subject Property"), former site of Stone Brook Academy. Subsequently, Spectrum Sign Systems, Inc. (the "Applicant"), on behalf of New Horizon Academy (the "Property Owner"), submitted an application on February 6, 2020 for a Conditional Use Permit to install an oversized ground sign and wall signage on the Subject Property.

The Public Hearing was originally scheduled for March 24, 2020, but due to Emergency Declarations related to COVID-19, that Public Hearing was postponed.

Notification:

The City sent a mailing via Standard US Mail to property owners within 350 feet of the Subject Property, as noted in the Anoka County Property Records, notifying them of a public hearing. The Public Hearing is being conducted by the City Council, rather than Planning Commission, because there was an error in getting the official notification to the Anoka Union Herald in time for the March Planning Commission meeting.

Observations/Alternatives:

The Subject Property is about 0.84 acres in size and is located in the COR-2 sub-district, slightly east of Northstar Marketplace (Coborn's anchored retail area). All of the surrounding properties are also in the COR-2 sub-district, with the railroad tracks and Highway 10 south of the Subject Property.

Per the COR Design Framework, the COR-2 sub-district is where more conventional suburban development is expected, rather than the neo-traditional development planned for the other sub-districts. Most of the sign regulations for the COR-2 sub-district mirror that of the more standard B-1 and B-2 Business Districts, with only a couple exceptions. Ground signs may be up to 100 square feet in area but they are restricted to a height of six (6) feet (note that this would mean a ground that is five feet tall and twenty feet long would be permissible). Similarly, wall signage is based on fifteen percent (15%) of the front facade of a building (just like in the Business Districts), but at least fifty percent (50%) of the signage must be placed on the measured wall. Finally, under project signs in the Design Framework, it is noted that a project sign (as written, this would include ground signs) shall not be in addition to wall signage.

If the COR-2 sub-district is indeed where the more conventional suburban development is expected, the differences in the aforementioned sign standards seem somewhat contradictory. Having a ground sign, as well as wall signage, is very typical for suburban commercial developments. Similarly, a twenty-five (25) foot tall ground sign (which would meet the standards of the Business Districts), near the southern boundary of the Subject Property and presumably visible from Highway 10, also seems very typical for conventional suburban development.

The request for a Conditional Use Permit appears to be reasonable and the proposed signage would be similar in nature to other sites within The COR (e.g. Casey's and Coborns).

The Planning Commission reviewed the request at their March 5, 2020 meeting and there were no written or verbal comments received about the request. There was some discussion by the Planning Commission about considering a monument style sign rather than the proposed pylon sign. However, the Applicant noted that the additional height of the pylon sign was desired for some visibility from Highway 10.

Alternatives

Alternative 1: Approve the Conditional Use Permit to address the deviations from the sign standards. The ground sign, which also includes a decorative base to blend with the building, is within the allowable square footage. It would seem more desirable to have the ground sign as proposed, rather than a design of five (5) feet in height and twenty (20) feet in length, which would actually comply with the Design Framework. Furthermore, having a ground sign and wall signage in the COR-2 sub-district is not out of the ordinary by any means. Staff supports this alternative.

Alternative 2: Deny the Conditional Use Permit. As previously noted, the COR-2 sub-district is intended for more conventional suburban development. The proposed signage appears to be pretty consistent with conventional suburban commercial development.

Funding Source:

The Applicant is responsible for all costs associated with processing the Application.

Recommendation:

The Planning Commission recommends approving the Conditional Use Permit for the requested deviations from sign standards.

Side note - Staff has received a few concerns about a portion of the design of the building from an aesthetic perspective. On the south wall that extends above the roof next to the sign, there is a 'gap' in this wall to allow for mechanical access. Staff would like to encourage a removable screen to blend with the overall design. This is not currently in the draft resolution, but could be added. The Owner is generally supportive of this improvement.

Action:

Motion to adopt Resolution #20-069 approving a Conditional Use Permit to allow a twenty-five (25) foot tall ground sign, as well as wall signage at 7800 Sunwood Drive NW.

Attachments

Site Location Map

Proposed Signage and Locations

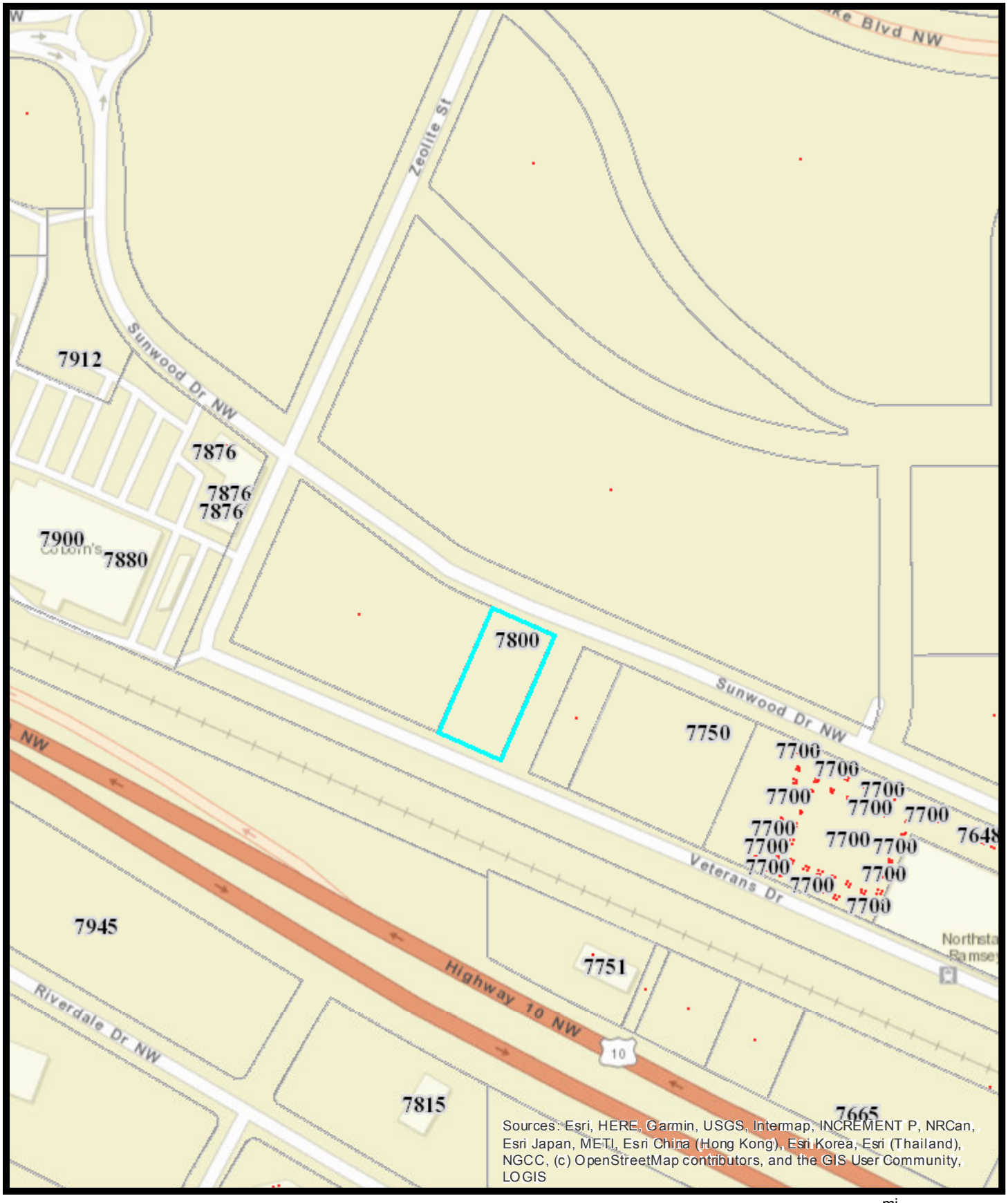
Planning Commission Meeting Minutes Dated March 5, 2020

Resolution #20-069: Conditional Use Permit

Form Review

Inbox	Reviewed By	Date
Tim Gladhill	Tim Gladhill	04/08/2020 06:55 PM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:28 PM
Form Started By: Chris Anderson		Started On: 04/07/2020 08:55 AM
Final Approval Date: 04/09/2020		

Site Location Map

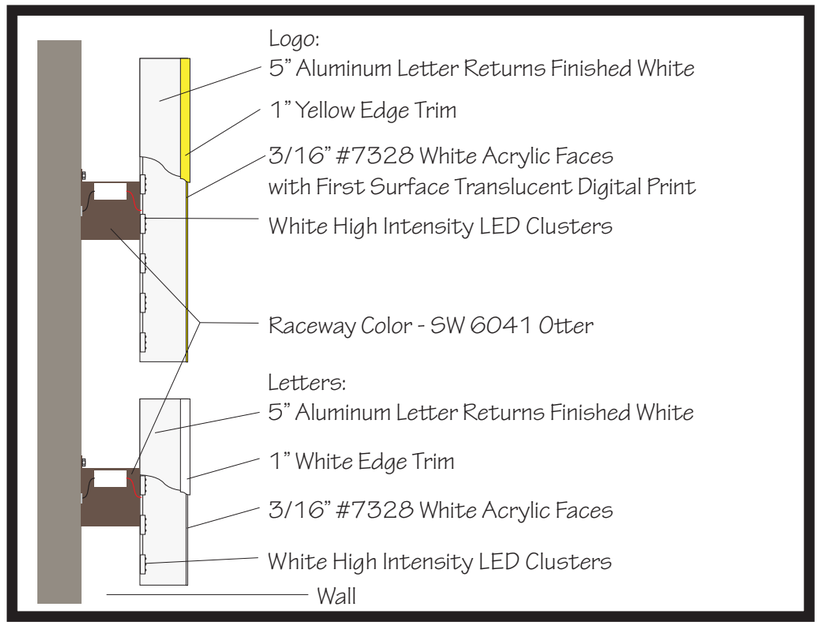


1 New Horizon Academy - Ramsey - South Elevation

190787E



Furnish and Install (1) 4'-11" x 9'-0" LED Illuminated Raceway Mount Exterior Logo Display (44.25 SF)



Side View

- Due to variances among color monitors, the colors shown may vary from actual finish color -

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JOBSITE

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Ramsey, MN 55303

DATE/REVISIONS

11-19-19
2-4-20

DESIGNER

Alex Wasnick

SALESPERSON

Eric Tauscheck

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Customer Approval

Date

2 New Horizon Academy - Ramsey - South Elevation

190787E



Proposed Sign - South Elevation



Existing Sign to be Removed

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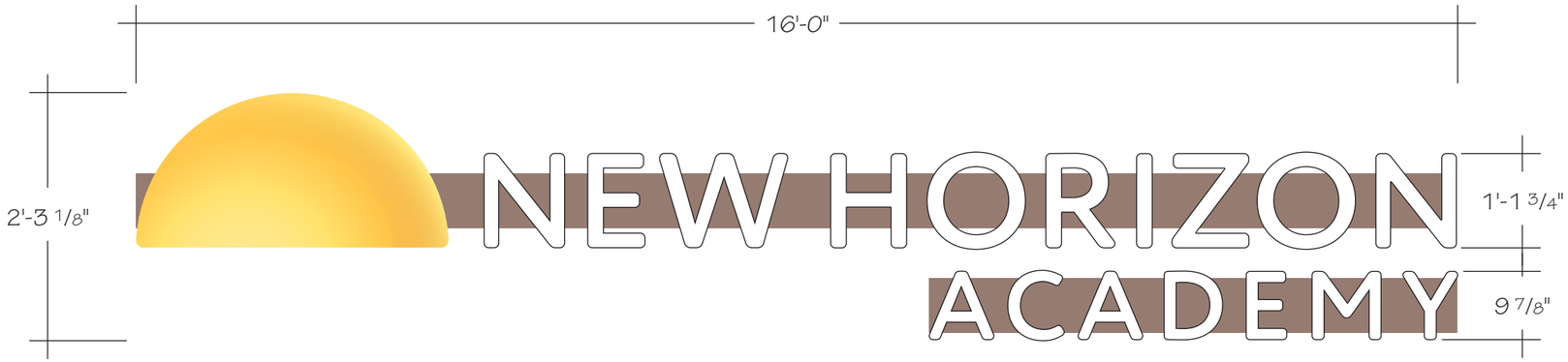
Customer Approval

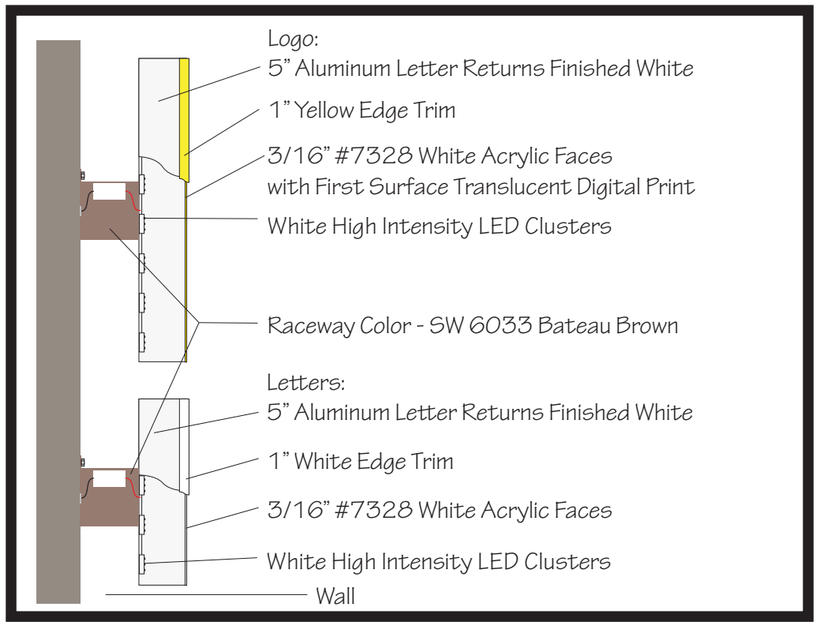
Date

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3 New Horizon Academy - Ramsey - East Elevation

190787E





Side View

Furnish and Install (1) 2'-3 1/8" x 16'-0" LED Illuminated Raceway Mount Exterior Logo Display (36.16 SF)

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Customer Approval

Date

4 New Horizon Academy - Ramsey - East Elevation

190787E



Proposed Sign - East Elevation

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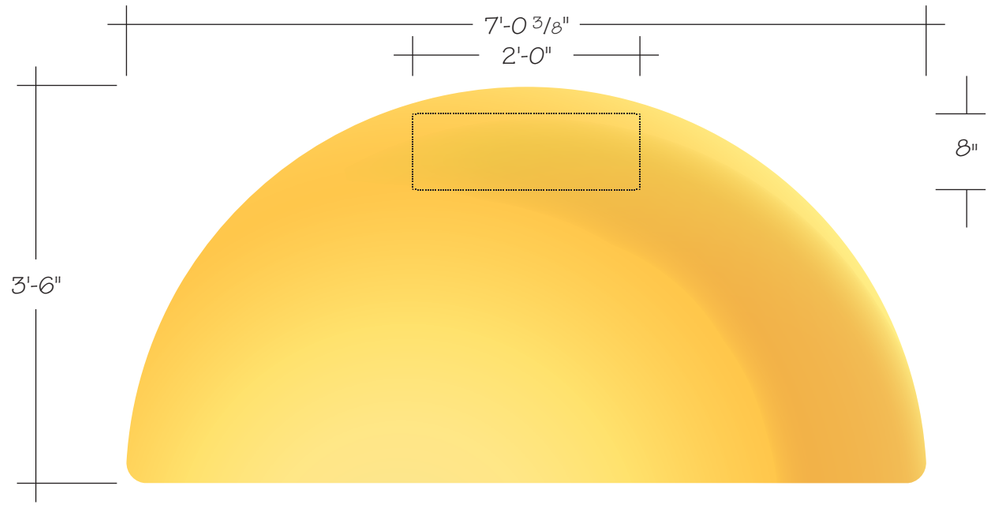
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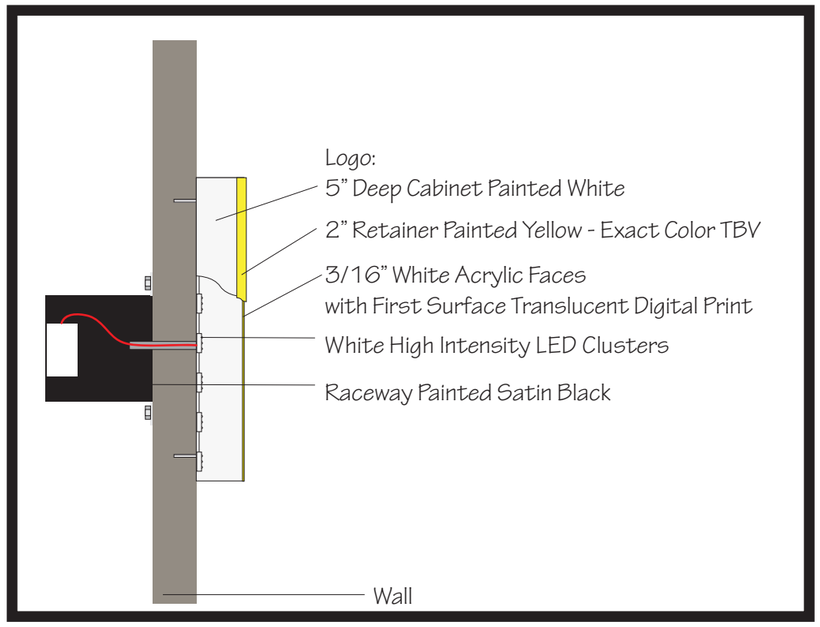
Customer Approval

Date

5 New Horizon Academy - Ramsey - North Elevation

190787E





Side View

Furnish and Install (1) 3'-6" x 7'-0 3/8" LED Illuminated Remote Mount Exterior Logo Display with Raceway on Backside of Parapet Wall (24.6 SF)

- Due to variances among color monitors, the colors shown may vary from actual finish color -

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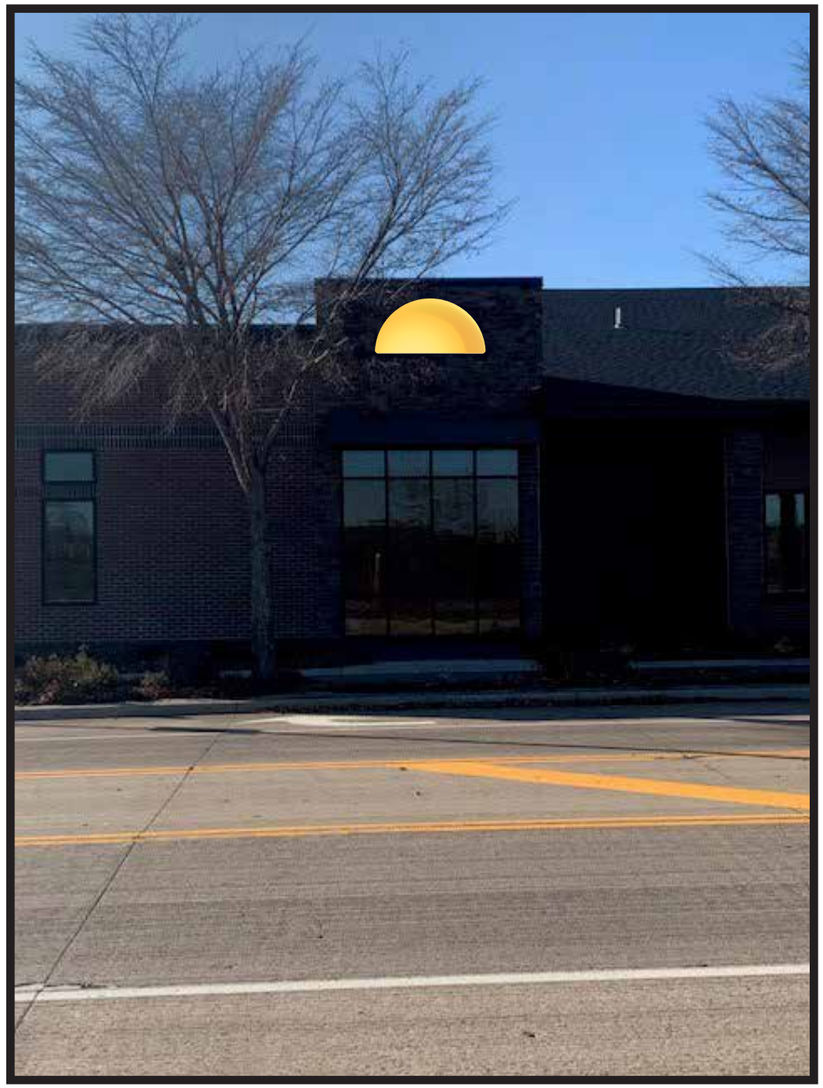
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Customer Approval

Date

6 New Horizon Academy - Ramsey - North Elevation

190787E



Proposed Sign - North Elevation



Existing Sign to be Removed

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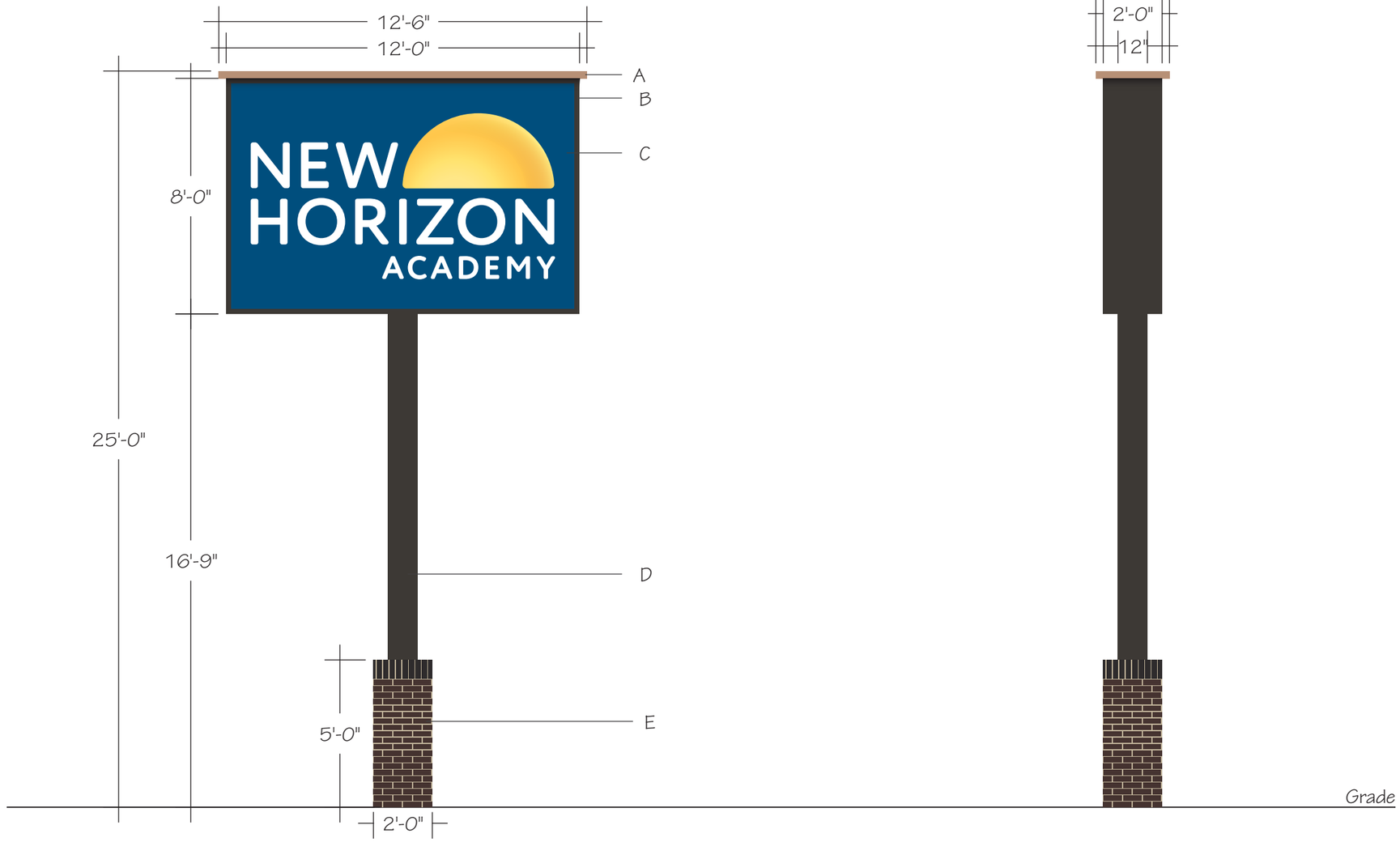
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Customer Approval

Date

7 New Horizon Academy - Ramsey - Pole Sign

190787E



Furnish and Install (1) 8'-0" x 12'-0" D/F LED Illuminated Pole Sign (96 SF)

A. Aluminum Cap Painted to Match Building - Color TBV
B. 8' x 12' x 2' D/F Cabinet with 2" Retainers Painted Dark Bronze
C. Digitally Printed Translucent Flex Face - Background to Match Pantone 301 C
D. 12" Diameter Schedule 40 Pole Painted Dark Bronze
E. Brick Base to Match Masonry on Building - Brick and Grout Color TBV

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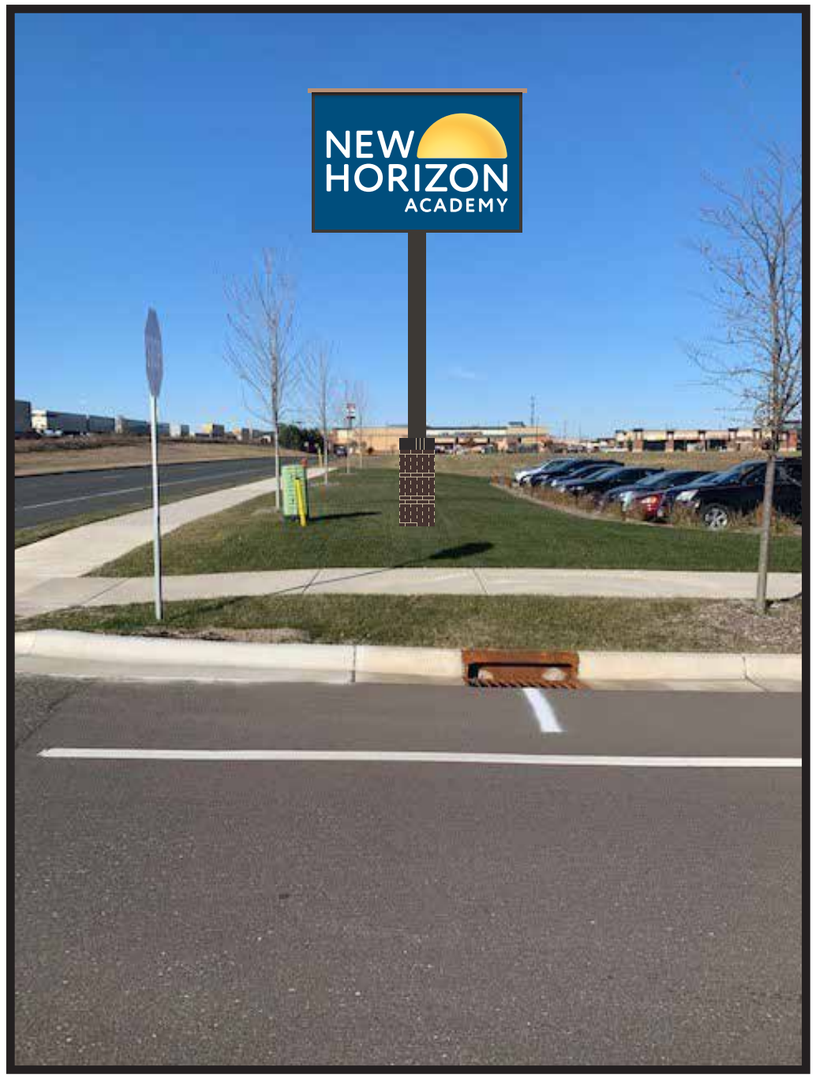
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Customer Approval

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8 New Horizon Academy - Ramsey - Pole Sign

190787E



Proposed Sign - East Face

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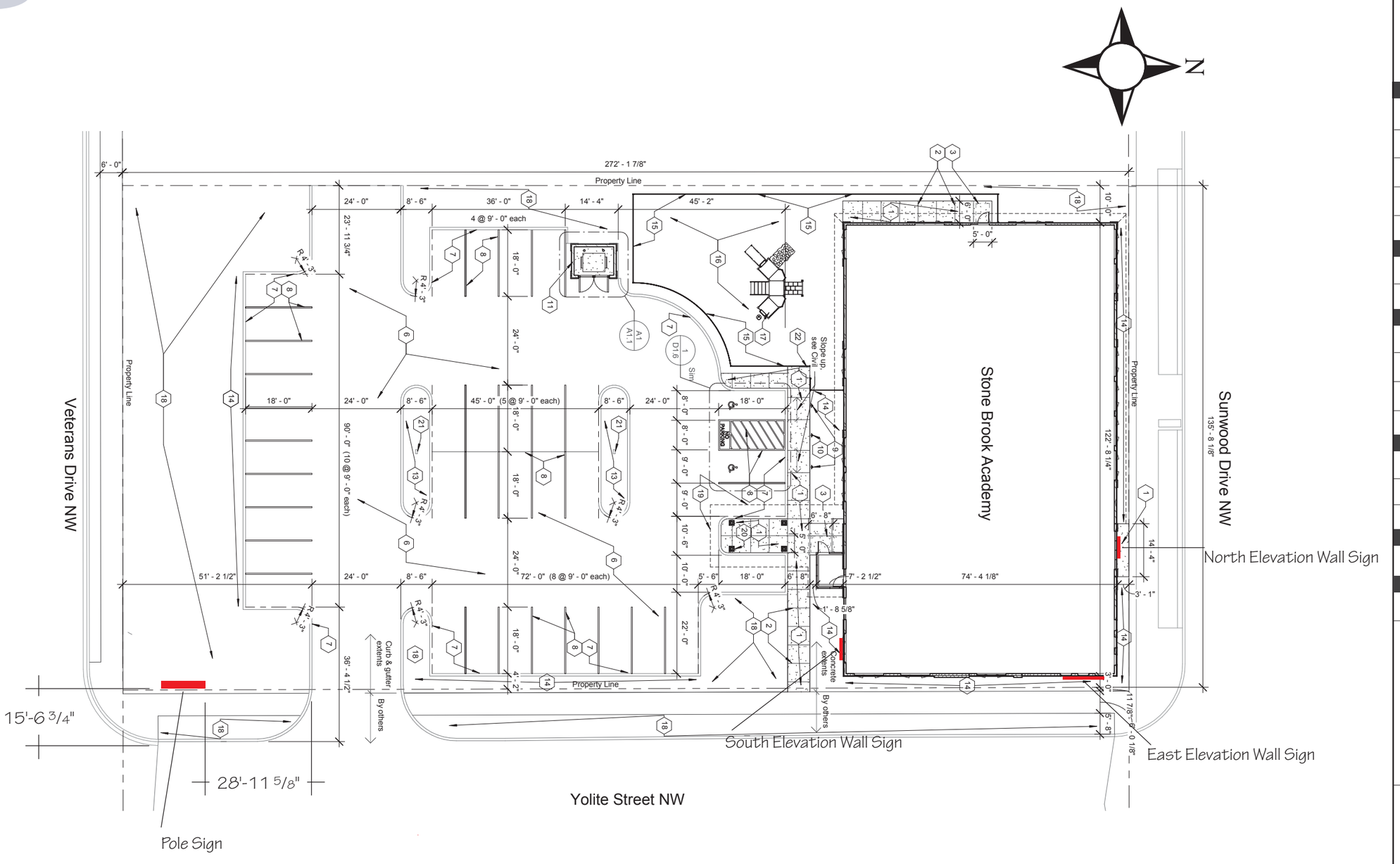
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Customer Approval

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9 New Horizon Academy - Ramsey - Site Map

190787E



Scale: 1/4" = 7'-3 1/4"

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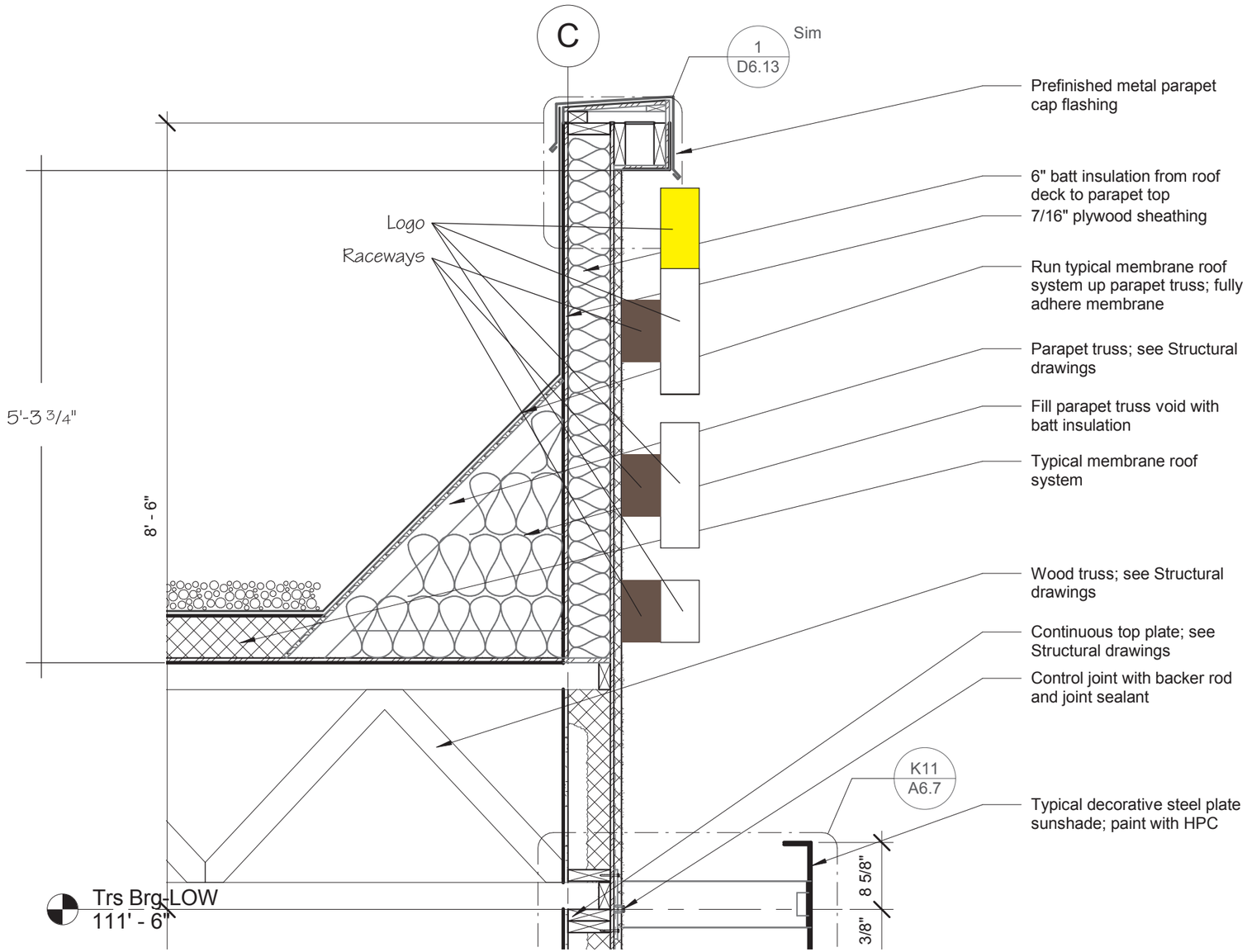
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Customer Approval

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10 New Horizon Academy - Ramsey - South Elevation Wall Section

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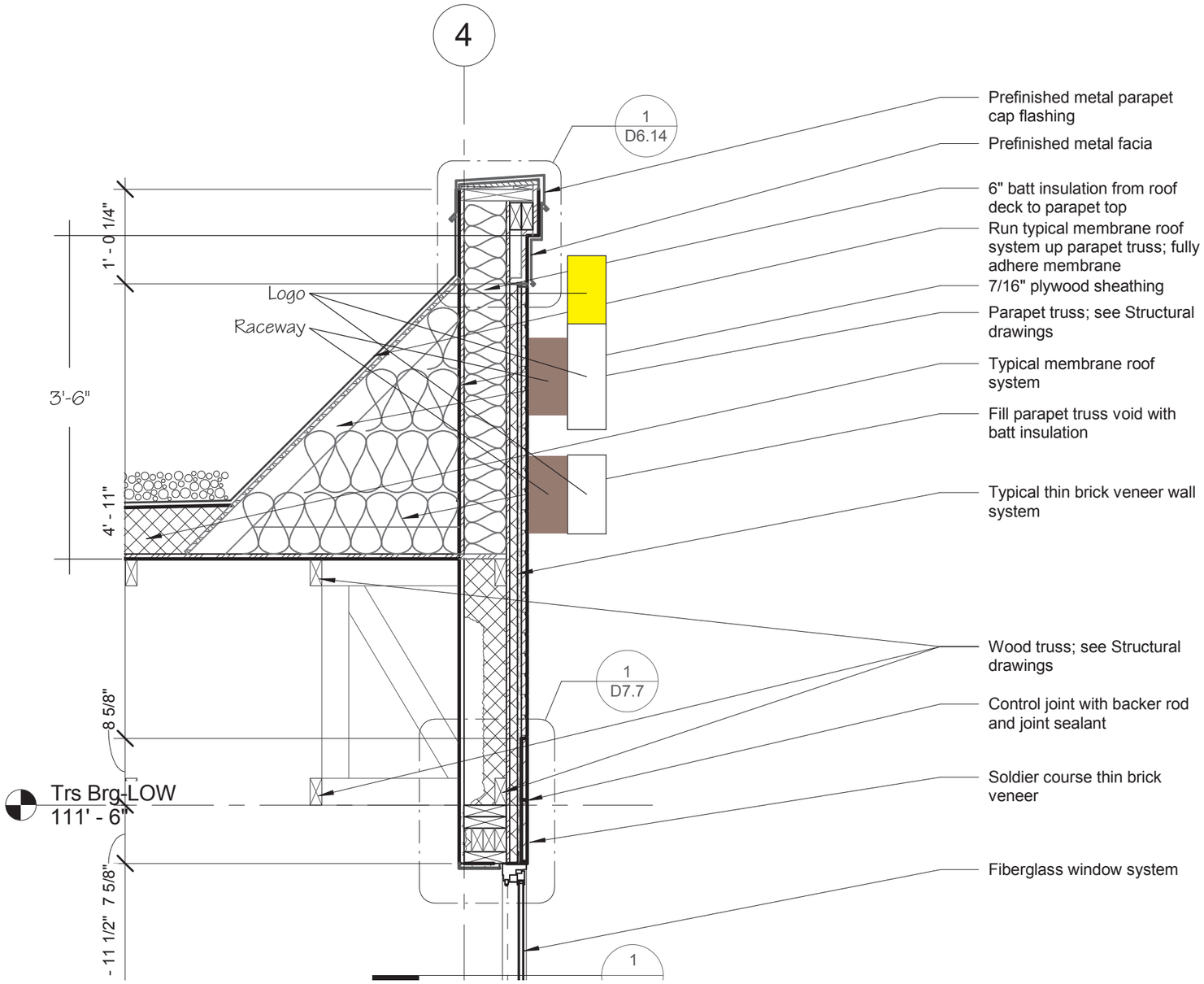
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Customer Approval

Date

11 | New Horizon Academy - Ramsey - East Elevation Wall Section

190787E



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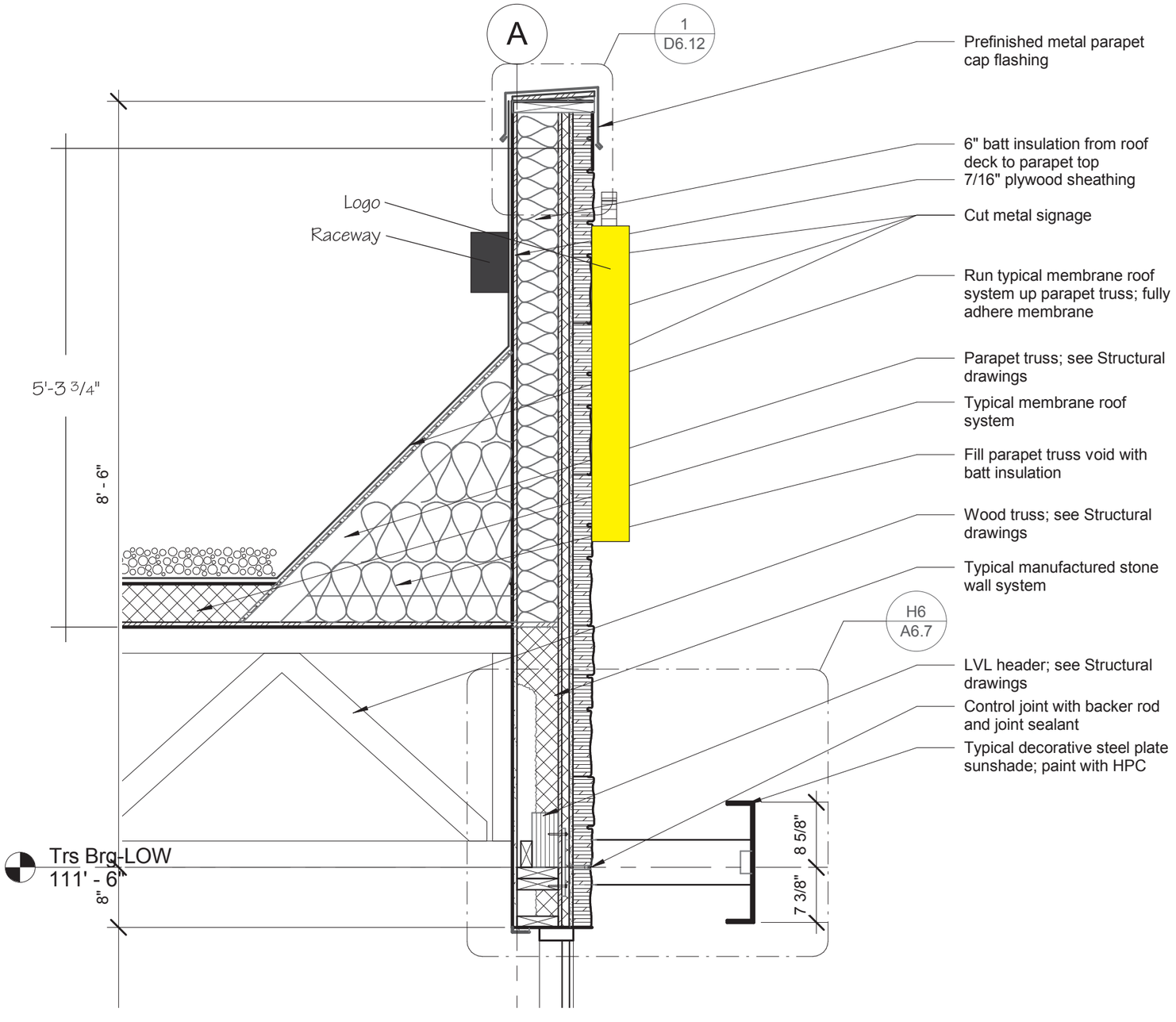
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Customer Approval

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12 | New Horizon Academy - Ramsey - North Elevation Wall Section

190787E



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Customer Approval

Date

6.01: Consider Request for Conditional Use Permit for a Ground Sign and Wall Signage at 7800 Sunwood Drive NW (Project No. 20-102); Case of New Horizon Academy

Presentation

City Planner Anderson presented the Staff Report stating that staff recommends approving the request for a Conditional Use Permit for the requested deviations from sign standards.

Commission Business

Chairperson Bauer stated that it is clear that the Commission needs to discuss the overall sign ordinance.

City Planner Anderson stated that staff has begun to work with the planning consultant on that topic and will bring that information forward to the Commission once ready.

Commissioner VanScoy stated that there is an overlay for the Armstrong Interchange District and asked if that impacts this situation.

City Planner Anderson confirmed that district allows administrative approval of ground signs up to 150 square feet in are and 50 feet in height but excludes parcels within The COR and therefore does not apply to this parcel.

Chairperson Bauer invited the applicant to provide any additional comments.

Eric Tauscheck, Spectrum Signs, stated that he is present to address any questions. He stated that stone and masonry work has been added to the base of the sign in attempt to tie into the aesthetics of the building.

Commissioner VanScoy asked the specific reason for requesting a 25-foot sign.

Mr. Tauscheck replied that the sign would be visible from the highway. He stated that when possible, the company would like to maximize the visibility when adjacent a highway.

Commissioner VanScoy stated that if the City continues on this path, Ramsey will face a forest of signs in this area. He asked if the business would be in agreement with a monument sign.

Mr. Tauscheck replied that although that could be a possibility, it would not be visible from the highway.

Commissioner VanScoy stated that this is another reason the City needs to expedite its review of the sign ordinance.

Senior Planner McGuire Brigl stated that staff originally believed that this sign would be administratively approved but the City Attorney suggested that the Commission review this request because although allowed in the district, the language is not clear.

Commissioner VanScoy stated that The COR is not intended to be the typical suburban development and he is having difficulty continuing to support these types of requests. He recognized that visibility is important for retail and commercial businesses along Highway 10. He stated that although the master sign plan addresses that intent, it has not yet been accomplished. He stated that he would support a monument sign along the highway that would be visible to support these businesses, similar to the City signs near the rail station and Ramsey Boulevard. He agreed that visibility is critical but did not believe that ending up with multiple signs is the intention.

City Planner Anderson read language from The COR design framework related to allowed signage.

Commissioner VanScoy stated that he finds it difficult to support this situation.

Chairperson Bauer referenced the location of this property and the two vacant lots that have interest from two potential businesses. He asked if there could be shared signage for those three parcels.

Senior Planner McGuire Brigl stated that the two vacant parcels are both owned by the City and will come forward for a lot split and therefore the City could ask for shared signage at that time. She stated that the City can still look into shared monument signage but that would be further into the future. She reviewed the type of signage that could be approved administratively, noting that this traditional ground sign would be preferred to what could be allowed under the Code.

Chairperson Bauer asked if the business would be open to building signage at this time and waiting for the future development of the adjacent parcels in attempt for shared signage.

Mr. Tauscheck stated that while he understands the intent he could not speak for the business.

Commissioner Johnson asked why the business does not use one of the open spaces on the Coborn's sign.

Mr. Tauscheck replied that there is another property owner and location for that sign, and it would not be New Horizon's space to take.

City Planner Anderson stated that he cannot speak for the management company for NorthStar Marketplace, but he presumes that they are typically promoting businesses within their own project space and not an adjacent parcel. He stated that potentially opens the discussion of off premise signage that was discussed the previous month.

Commissioner Woestehoff stated that the information shows that the sign would be illuminated and asked if that would be lit 24 hours per day.

Mr. Tauscheck replied that the illumination would be set on a timer and would be lit during set hours.

Councilmember Musgrove asked the height of the monument sign that the City owns on Ramsey Boulevard.

City Planner Anderson replied that sign is between 23 to 25 feet in height.

Councilmember Musgrove asked for the height of the U.S. Bank sign.

City Planner Anderson replied that sign is 75 feet in height.

Councilmember Musgrove stated that she likes this sign proposal as it is on the applicant's property and will be paid for by the applicant. She commented that the City owned sign at Ramsey Boulevard is recommended payment and therefore the City is not always paid for those spaces. She commented that when traveling on Highway 10, she does not see a lot of signage. She stated that signage is key for businesses and attracting businesses to Ramsey. She stated that the Council recognizes that signage is key in attracting more businesses into The COR.

Commissioner Gengler commented that this is a reasonable request and it is important for businesses to be able to promote themselves and be visible.

Motion by Commissioner Peters, seconded by Commissioner Gengler, to recommend that City Council approve Resolution #20-042 granting a Conditional Use Permit to allow a 25-foot-tall ground sign as well as wall signage at 7800 Sunwood Drive NW.

Further discussion

Commissioner VanScoy cautioned that every business will want a sign and if the City does not provide reasonable support for that, it will become a forest of signage. Commissioner Johnson stated that he agrees with that and would prefer to see wall signage for now and delay additional signage until a monument sign is available.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Peters, Gengler, and Woestehoff. Voting No: Commissioners Johnson and VanScoy. Absent: Commissioner Anderson.

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-069

A RESOLUTION APPROVING THE ISSUANCE OF A CONDITIONAL USE PERMIT TO ALLOW BOTH A GROUND SIGN AND WALL SIGNAGE ON THE PROPERTY LOCATED AT 7800 SUNWOOD DRIVE NW AND DECLARING TERMS OF SAME

RECITALS

1. Spectrum Sign Systems, Inc., hereinafter referred to as the "**Permittee**", has properly applied for a Conditional Use Permit to construct and maintain a ground sign and wall signage on the property generally known as 7800 Sunwood Drive NW and legally described as follows:

   Lot 1, Block 1, COR Stone Brook Academy, Anoka County, Minnesota

   (the "**Subject Property**")

2. That the City of Ramsey (the "**City**") received an application for a Conditional Use Permit to allow the construction and maintenance of both a pylon sign and wall signage on the **Subject Property** on February 6, 2020.

3. That New Horizon Real Estate Development 6, LLP (the "**Property Owner**") is the owner of the **Subject Property**.

4. That the **Subject Property** is located within the COR-2 District as are all the surrounding properties.

5. The **Subject Property** is approximately 0.84 acres in size.

6. That the **Permittee** is proposing to construct a twenty-five (25) foot tall, ninety-six (96) square foot pylon sign in the southeast corner of the **Subject Property** and install wall signs on three (3) walls (south, east, and north) of the building (together, the "**Signage**").

7. That per The COR Design Framework, ground signs (including pylon signs) within the COR-2 sub-district are limited to 100 square feet in area (or an aggregate of 200 square feet if double faced) and six (6) feet in height.

8. That The COR Design Framework limits wall signage to fifteen percent (15%) of the front façade of a building and restricts wall signage to one (1) wall, except for lots with multiple frontages, where signage is allowed on one (1) wall per frontage.

9. That The COR Design Framework requires at least fifty percent (50%) of the wall signage to be placed on the measured wall.

10. That deviations from sign standards are permissible with the issuance of a Conditional Use Permit.

11. That the **Subject Property** has three (3) frontages: Veterans Drive, Yolite Street, and Sunwood Drive.

12. That the **Permittee**, on behalf on the **Property Owner**, has proposed placing forty-two percent (42%) of square footage of the wall signage on the south (measured) elevation, with the remainder split between the east and north elevations (along Yolite Street an Sunwood Drive, respectively).

13. That The COR Design Framework states that within the COR-2 sub-district, more conventional suburban development is expected, rather than the neo-traditional development planned for the other COR sub-districts.

FINDINGS OF FACT

1. That the **Signage** will not be unduly dangerous or detrimental to persons residing or working in the vicinity of the use, or to the public welfare.

2. That the **Signage** will not substantially adversely impair the use, enjoyment or market value of any of the surrounding properties.

3. That the **Signage** will be harmonious with and in accordance with the specific objectives of the comprehensive plan.

4. That the **Signage** will be constructed and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and will not change the essential character of the area.

5. That the **Signage** will not be hazardous to existing or future neighboring uses.

6. That the **Signage** will not impact essential public facilities and services, such as highways, streets, police and fire protection, drainage structures, or schools.

7. That the **Signage** will not create excessive additional requirements at public cost for public facilities and services and will not be detrimental to the economic welfare of the community.

8. That the **Signage** will not involve uses, activities and equipment that will be detrimental to any persons, property, or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare or odors.

9. That the **Signage** will be consistent with the intent and purposes of the Zoning Chapter.

NOW THEREFORE, BE IT RESOLVED BY THIS CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

That the Ramsey City Council hereby grants approval of a Conditional Use Permit (the "**Permit**") for the **Signage** on the **Subject Property** contingent upon the following conditions:

CONDITIONS

1. That this **Permit** allows for the **Signage**, including a pylon sign and wall signs on the **Subject Property**.

2. That the **Permittee** shall obtain all necessary permits, including a Sign Permit, prior to construction of the **Sign** on the **Subject Property**.

3. That the pylon sign shall not exceed twenty-five (25) feet in height nor 100 square feet (aggregate of 200 square feet if double-sided) in size.

4. That the wall signs shall be installed on the south, east, and north elevations of the building with at least forty-two percent (42%) of the signage on the south (measured) elevation.

5. That the **Permittee** shall comply with all applicable local, state, and federal regulations.

6. That no part of the **Signage**, above or below ground, shall encroach within any drainage and utility easement on the **Subject Property** without approval and execution of an Easement Encroachment Agreement.

7. That no additional ground or wall signs will be permitted on the **Subject Property** unless in full compliance with City Code.

8. That this **Permit** shall be perpetual in duration as long as the terms are herein complied with.

9. That the **Permittee** shall be responsible for all **City** costs incurred in administering and enforcing this **Permit**.

10. That the City Administrator, or his/her designee, shall have the right to inspect the premises for compliance and safety purposes annually or at any time, upon reasonable request.

11. That this **Permit** shall automatically expire if the use is not initiated by April 14, 2021 and issuance of a Sign Permit for the **Signage** shall be considered as initiating the use.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

CITY OF RAMSEY:

By:_____ By:_____
Mayor City Clerk

STATE OF MINNESOTA)
) ss.
COUNTY OF ANOKA)

On this _____ day of _____, ____, before me a Notary Public personally appeared John LeTourneau and Colleen Lasher, to me personally known, who, being each by me duly sworn, did say that they are respectively the Mayor and City Clerk of the City of Ramsey, the Municipal Corporation named in the foregoing instrument, and seal affixed to said instrument is the corporate seal of said Municipal corporation, and the said instrument was signed and sealed on behalf of said Municipal Corporation by authority of its City Council, and said John LeTourneau and Colleen Lasher acknowledge said instrument to be the free act and deed of said Municipal Corporation.

_____
Notary Public

This document drafted by:
City of Ramsey
7550 Sunwood Dr NW
Ramsey, MN 55303

CC Regular Session **6. 2.**

Meeting Date: 04/14/2020

By: Chris Anderson, Community Development

Information

Title:

PUBLIC HEARING: Adopt Resolution #20-070 Approving a Conditional Use Permit for an Oversized Ground Sign at 7990 Sunwood Drive NW (Project No. 20-101); Case of RGH Ramsey LLC

Purpose/Background:

The City received an application from RGH Ramsey LLC (the "Applicant") for a Conditional Use Permit to construct and maintain an oversized ground sign on the property located at 7990 Sunwood Drive NW (the "Subject Property"). The Applicant has an active purchase agreement with the City for the Lots 1-3, Block 1 COR TWO, which includes the Subject Property. The Planning Commission conducted a Public Hearing on February 6, 2020 regarding the Applicant's original request and tabled action to provide the Applicant an opportunity to make modifications to the request.

The original request was for a sixty (60) foot tall sign with 999 square feet of sign area to be located on a city-owned parcel west of Armstrong Blvd ('off-premise'). Based on discussion and feedback from the Planning Commission, the Applicant modified the request to locate the proposed sign 'on-premise' (on the Subject Property), reduced the square footage from 999 down to 324, and increased the height from sixty (60) feet to seventy-five (75) feet.

The Public Hearing was originally scheduled for March 24, 2020, but due to Emergency Declarations related to COVID-19, that Public Hearing was postponed.

Notification:

The City attempted to send a mailing via Standard US Mail to property owners within 350 feet of the Subject Property, as noted in the Anoka County Property Records, notifying them of a public hearing. The Public Hearing is being conducted by the City Council, rather than Planning Commission, because there was an error in getting the official notification to the Anoka Union Herald in time for the March Planning Commission meeting.

Observations/Alternatives:

As noted, based on feedback from the Planning Commission, the Applicant has modified the request. The proposal is for a ground sign (the "Sign") that would be 324 square feet in area (or an aggregate of 648 square feet for a double-sided sign) and seventy-five (75) feet tall. The revised proposal represents a reduction in square footage of about sixty-seven percent (67%). Furthermore, the Applicant has modified the proposed location of the Sign to be on the Subject Property, which would be 'on-premise' rather than the previous proposal, which was 'off-premise' on a city-owned parcel.

The proposed Sign is now very comparable to other approved and/or existing ground signs in the vicinity of the Armstrong Blvd overpass (see table below). Furthermore, the Sign does include a decorative base consisting of faux stone that is approximately eleven (11) feet in height, maintaining an enhanced appearance at the pedestrian level. Finally, the Sign would provide tenant space for all three (3) parcels at the southeast corner of Armstrong Blvd and Sunwood Drive.

Project	Square Footage	Height
Northstar Marketplace	334 Square Feet	75 Feet

Ramsey Commons (former US Bank)	225 Square Feet	75 Feet
West Armstrong Retail/PSD (approved not installed yet)	320 Square Feet	75 Feet
RGH Ramsey LLC (proposed)	324 Square Feet	75 Feet

Alternatives

Alternative 1: Approve a Conditional Use Permit for the proposed oversized Sign. The Applicant has made significant modifications to the Sign to reduce its size and relocating it so that is is 'on-premise'. The Sign would include tenant space for all three parcels providing the necessary exposure to help entice prospective businesses to building in The COR. Staff supports this alternative.

Alternative 2: Deny the request for a Condtional Use Permit for the oversized Sign. Based on feedback from the Planning Commission at the February 6, 2020 meeting, the Applicant has made significant modifications to the proposal. The proposed Sign is now very similar to others in the vicinity of the Armstrong Boulevard overpass that were granted Conditional Use Permits. Staff does not support this alternative.

Funding Source:

The Applicant is responsible for all costs associated with this application.

Recommendation:

The Planning Commission recommends approving the request for a Conditional Use Permit for an oversized ground sign.

Action:

Motion to adopt Resolution #20-070 approving a Conditional Use Permit for the oversized Sign at 7990 Sunwood Drive NW.

Attachments

Site Location Map
Proposed Sign
Exhibit of Approved Oversized Signs
Planning Commission Meeting Minutes Dated February 6, 2020
Planning Commission Meeting Minutes Dated March 5, 2020
Resolution #20-070: Conditional Use Permit

Form Review

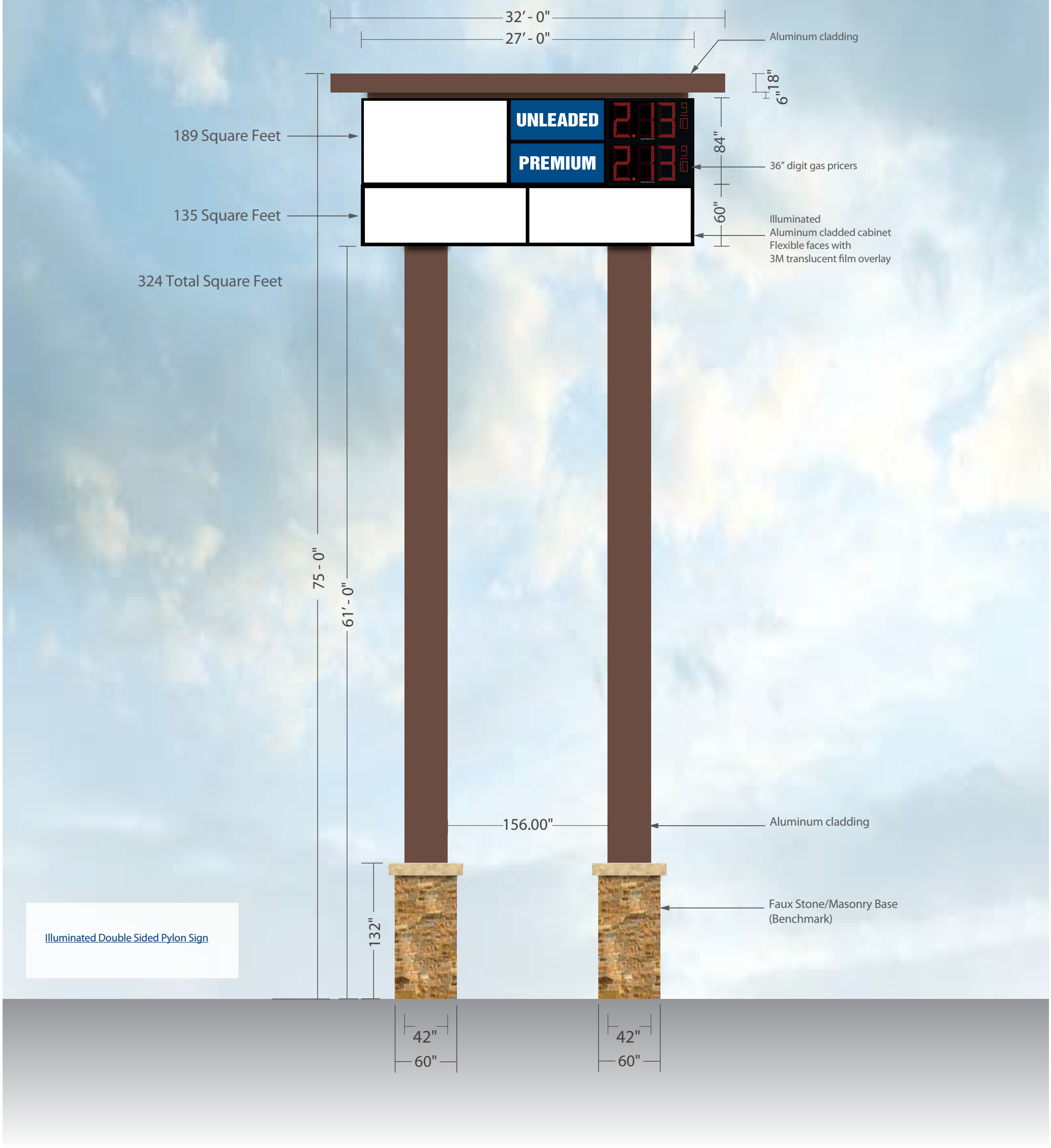
Inbox	Reviewed By	Date
Tim Gladhill	Tim Gladhill	04/09/2020 08:21 AM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:30 PM
Form Started By: Chris Anderson		Started On: 04/07/2020 08:57 AM
Final Approval Date: 04/09/2020		

Site Location Map



Print Date: January 10, 2020

Due to the limitations of the printing process, the colors shown may not reflect actual colors.



Illuminated Double Sided Pylon Sign

INDIGO SIGNWORKS

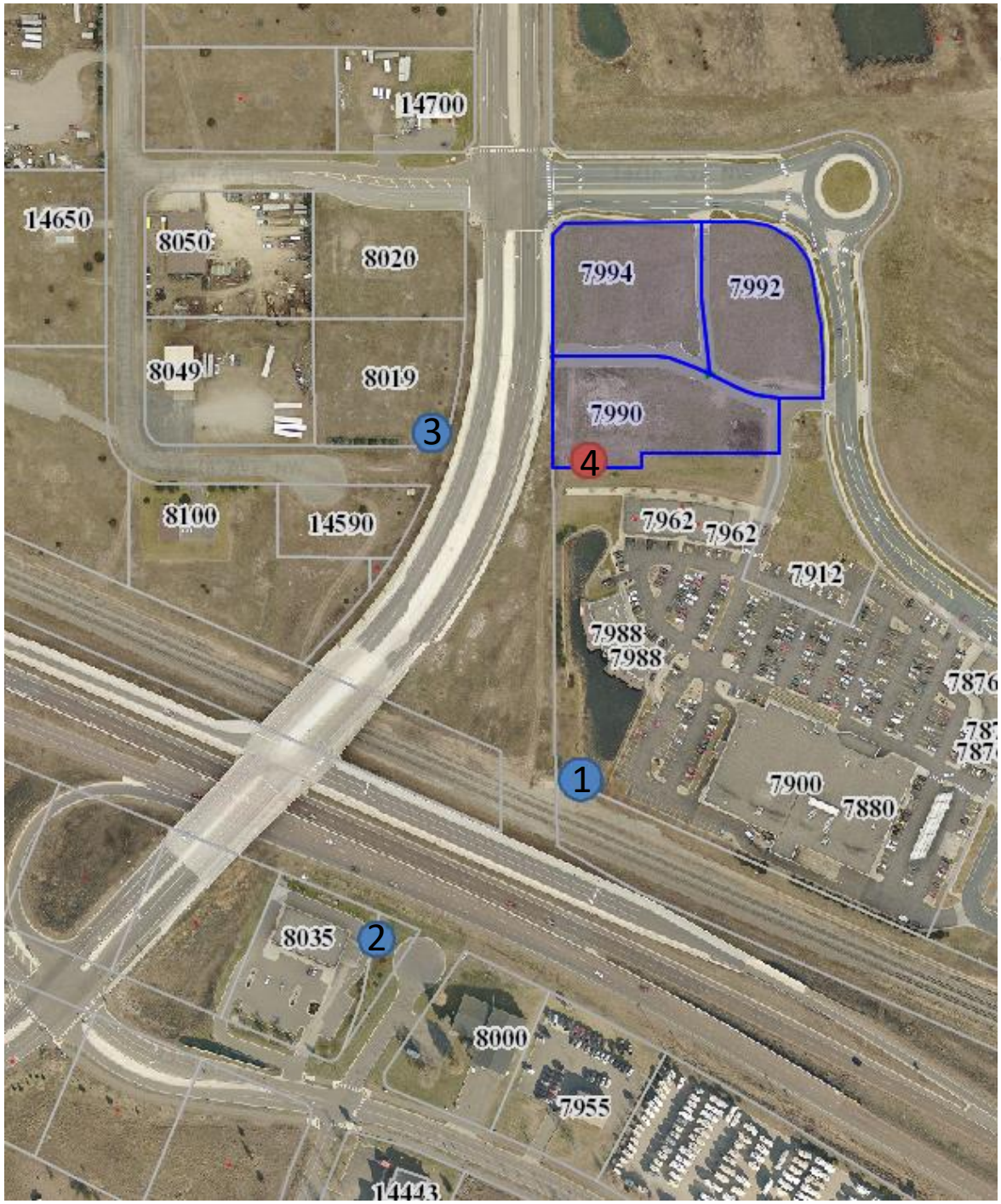
fargo | alexandria | bismarck | grand forks | minot | st. cloud | minneapolis

The ideas and designs contained in this original and unpublished drawing are the property of Indigo Signworks, Inc. and may not be used or reproduced in whole or part without written permission from Indigo Signworks, Inc.

File location: G: \ H \ Hardy, Rob \ Working Sketch Files \ Fargo_Pylon_64753_FINAL

Rob Hardy	Fargo, ND Quote # 64753 FINAL	Date: 02/05/2019 Revised Date: 03/13/2019 05/09/2019 12/12/2019 12/30/2019 02/04/2020 02/06/2020 02/12/2020 02/13/2020	
Sales Representative: Jill Gustofson	Drawn by: GAN	Page Scale: 1/8" = 1'-0" Page Size: 11x17	

1622 Main Avenue | Fargo, ND 58103 | p. 701.297.9696 | f. 701.297.9697 | www.indigosignworks.com



1. Coborns Sign:
   75’ tall; 334 sq. ft.

2. Ramsey Commons Sign:
   75’ tall; 225 sq. ft.

3. West Armstrong Sign*:
   75’ tall; 320 sq. ft.
   * Not installed yet

4. Proposed Sign:
   75’ tall; 324 sq. ft.

Parcels outlined in blue are under contract for purchase by Applicant from City.

5.03: Public Hearing: Consider Request for Conditional Use Permit for Oversized Ground Signs at 14590 Armstrong Blvd NW (Project No. 20-101); Case of RGH Ramsey LLC

Public Hearing

Chairperson Bauer called the public hearing to order at 8:10 p.m.

Presentation

City Planner Anderson presented the staff report stating that while a request for an oversized ground sign is not necessarily unusual, the square footage proposed with his request is larger than contemplated in previous discussions. As a result, staff is in need of some policy direction from the Planning Commission before any specific recommendation can be provided. While staff understands the Planning Commission desires to broaden the scope of administrative approvals for signs, the size is larger than what had been discussed in the past, and larger than staff is comfortable with approving administratively at this time. Staff is understanding of the desire for visibility from Highway 10 for businesses and does believe that signage could help attract businesses to the area. He noted that two letters of opposition from adjacent landowners were received and included in the case.

Chairperson Bauer asked the typical size of a billboard sign.

City Planner Anderson replied billboard signs are typically between 600 and 700 square feet. He confirmed that as proposed the original sign request exceeded that size.

Chairperson Bauer asked if the City has ever approved placing a private sign on City property.

City Planner Anderson stated that he is not aware of a private sign on City property but noted that there are City signs that promote local business through tenant spaces.

Chairperson Bauer asked the visibility concerns raised from businesses in The COR to attract additional drivers from Highway 10.

City Planner Anderson replied that is a common consider from businesses. He stated that typically there are blue MnDOT signs that alert drivers to upcoming businesses but noted that those signs are not an option in Ramsey. He confirmed that prospective businesses have expressed the need to have visibility from Highway 10.

Chairperson Bauer commented that the entire sign ordinance should be reviewed, as the ordinance is too restrictive in many ways.

Commissioner VanScoy referenced the existing community signs and asked if those are on City owned property.

City Planner Anderson confirmed that those signs are on City owned property.

Commissioner VanScoy stated that while he understands the need and desire, he is appalled at the magnitude of the sign proposed. He stated that this request has multiple conflicts with the ordinance. He stated that the City has an opportunity to address the issue of visibility but did not think it appropriate to do that with a private sign on City property. He stated that perhaps a third community sign would solve this problem.

Citizen Input

Rob Hardy, applicant, provided background information on himself, experience, and his local connection to Ramsey. He stated that when he looked at Ramsey, he could not figure out why the City was not attracting retailers. He stated that he attempted to purchase land on Highway 10 and was quickly educated on why that property would not work for development because of the Highway 10 improvement proposed to occur. He stated that retailers were interested in being on Highway 10, but there is not available land. He stated that he then spent time working on the parcel in The COR that he holds a Purchase Agreement on. He stated that the retailers that have declined interest have stated that it is because they would not have visibility on Highway 10. He advised of a sign that he recently saw along a highway advertising businesses, which caused him to pull off the highway to visit those businesses. He explained that the reason Ramsey does not have the retailers that other communities have is because it lacks exposure for those businesses on Highway 10. He explained that the sign he proposed would cost over $500,000 and explained how those costs would be recovered from the tenants. He noted that the original sign proposal included a City branding area and a digital reader board, which could be used by smaller businesses that perhaps could not afford a tenant space. He noted that after receiving the feedback from staff, he removed those sections. He stated that he also reduced the height to match the U.S. Bank sign. He explained why the proposed location was chosen. He stated that Ramsey has a unique challenge in that The COR properties in that the businesses will want visibility from Highway 10. He believed that the time has come for the City to consider putting a larger sign on the City property, suggesting a modern digital sign which could be used to advertise local businesses, local events, and other civic announcements. He stated that without visibility from Highway 10, Ramsey will not be able to attract retailers.

Senior Planner McGuire Brigl stated that the issue of private signage on City owned property will be a policy discussion for the Commission to consider.

Matt Kuker, PSD and Armstrong West Retail, stated that he is the adjoining property owner. He stated that if the City wants to do something with the property, it should consult the adjacent property owners to determine if they are interested in purchasing the lot. He stated that he has invested a significant amount of money into his site and to allow the applicant to put a sign closer to Highway 10 than his sign, and of this size, would be appalling. He stated that he is doing a fully electronic sign. He stated that he was asked to work with the applicant but does not have experience with the applicant and would prefer to own his sign and allow his space for his tenants. He stated that if the applicant wants property along Highway 10, he could have sold him property where Diamond's was. He stated that the City has never offered an off-premise sign to his knowledge. He stated that he would have liked to increase the size of his sign but followed City ordinance. He stated that if the Commission grants this, he will sell portions of his land along Highway 10 to be used for signs. He stated that allowing this action would open Ramsey to

becoming signville. He stated that he has spoken with the adjacent property owner about buying his land to continue retail use and this sign would fall directly in the center. He stated that PSD is a business of the community that has invested in the community and does not feel that approving this for future retailers would be the right move.

Mr. Hardy agreed that he does not have anything invested in the community as of yet but does have a Purchase Agreement with the City. He stated that he has the financial wherewithal to complete this project. He stated that if there is available land, he is unsure why there are not buildings going up on those properties. He stated that in his discussions with staff, the proposed Highway 10 improvements show tremendous impacts to the properties along Highway 10, with most of those properties no longer having access. He stated that if he goes away, the next developer will come in and want the same thing, exposure from Highway 10. He stated that this issue will need to be addressed.

Motion by Commissioner Woestehoff, seconded by Commissioner Johnson, to close the public hearing.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Woestehoff, Johnson, Anderson, Gengler, Peters, and VanScoy. Voting No: None. Absent: None.

Chairperson Bauer closed the public hearing closed at 8:56 p.m.

Commission Business

Chairperson Bauer stated that it seems the developer is willing to delay this to March to allow time to review additional options.

Commissioner Woestehoff stated that he would suggest determining the square footage of a billboard. He stated that he would much rather see another sign of 330 square feet at 75 feet. He stated that he likes the idea of having combined signs for multiple tenants.

Commissioner VanScoy stated that if this is going to be delayed to March, there could be the same discussion if nothing is done between now and then.

Commissioner Woestehoff stated that he would like to see the sign on land owned by the applicant and not City owned land.

Commissioner VanScoy recognized that the visibility issue is a huge policy issue that needs to be dealt with.

Chairperson Bauer agreed that the sign ordinance needs to be reviewed, as visibility will continue to be a huge issue for The COR.

City Planner Anderson provided additional details on the different types of signage allowed. He stated that the Council has talked about going away from The COR branding and focusing on the City of Ramsey.

Councilmember Musgrove provided additional input on recent Council discussions related to uniform City of Ramsey branding and signage.

Chairperson Bauer asked if this topic could be added to the joint meeting with the City Council the following week.

Senior Planner McGuire Brigl replied that she did not believe that agenda would have space for an additional topic. She asked for input from the Commission on whether it would support an off-premise sign.

Commissioner Johnson stated that he would not support an off-premise sign for the applicant specifically but would support a community sign for multiple tenants/projects.

Commissioner VanScoy stated that he would like the Commission/City to consider a community sign, looking at the long-term needs for The COR. He stated that perhaps a partnership could be done to support that action. He stated that he would like to see more signage for the businesses but also wants to see the City have control.

Commissioner Woestehoff stated that he would appreciate a community sign but believes that the Ramsey overpass would need to be completed prior to that sign being added because of future visibility issues.

Commissioner VanScoy stated that the Armstrong interchange has caused a significant negative impact on visibility for businesses even though it was a positive for transportation.

Commissioner Peters stated that he has an issue with the size of the sign. He stated that the population of Ramsey will support the businesses and not the traffic that pulls off the highway by chance.

Commissioner Woestehoff asked if a decision would need to be made in March, if tabled tonight.

Chairperson Bauer stated that if the issue is still not resolved in March, the Commission can recommend it not be approved. He stated that tabling does not require the request to come back in March.

City Planner Anderson replied that the City has a 60-day timeframe for review but can issue a 60-day extension if needed. He noted that anything beyond one extension would require consent of the applicant.

Commissioner Johnson asked what would change between now and the next review.

Commissioner Anderson suggested that there be a worksession before the next meeting to allow additional discussion.

Senior Planner McGuire Brigl stated that she can schedule a worksession for signage. She noted that the applicant has some urgency because of potential tenants.

Chairperson Bauer stated that it seems the consensus would be a community sign on City property or a comparable sign (to Armstrong Retail) on private property.

Motion by Commissioner Anderson, seconded by Commissioner VanScoy, to table the request and allow the applicant time to revise the proposal for consideration at a future meeting.

Further discussion

Commissioner Johnson requested that the worksession occur at least one week prior to the regular Planning Commission meeting. He thanked Mr. Hardy for his input tonight.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Anderson, VanScoy, Gengler, Johnson, Peters, and Woestehoff. Voting No: None. Absent: None.

Mr. Kuker stated that he also owns the land at Armstrong and Bunker, and if off-premise signs are allowed, he could potentially make that retail and post signage along Highway 10. He just wanted to ensure the Commission thinks about precedent that could be set.

6.02: Consider Request for Conditional Use Permit for Oversized Ground Sign at 7990 Sunwood Drive NW (Project No. 20-101); Case of RGH Ramsey LLC

Presentation

City Planner Anderson presented the Staff Report stating that staff recommends approving the request for a Conditional Use Permit for an oversized ground sign.

Commission Business

Chairperson Bauer commented that it seems the applicant has taken into account the comments from the Commission at the last meeting and adjusted their application as such.

Commissioner VanScoy asked the elevation of the Armstrong sign.

City Planner Anderson stated that he believed that the signs are relatively close in elevation. He stated that this sign is further separated from the overpass.

Commissioner VanScoy stated that it is his impression that this site has a higher elevation than the other sign.

City Planner Anderson stated that based on the contour data, the sites appear to be close in elevation.

Motion by Commissioner Johnson, seconded by Commissioner Gengler, to recommend that City Council approve Resolution #20-027 granting a Conditional Use Permit for an oversized ground sign at 7990 Sunwood Drive NW.

Motion Carried. Voting Yes: Chairperson Bauer, Commissioners Johnson, Gengler, Peters, and Woestehoff. Voting No: Commissioner VanScoy. Absent: Commissioner Anderson.

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-070

A RESOLUTION APPROVING THE ISSUANCE OF A CONDITIONAL USE PERMIT TO ALLOW AN OVERSIZED GROUND SIGN ON THE PROPERTY LOCATED AT 7990 SUNWOOD DRIVE NW AND DECLARING TERMS OF SAME

RECITALS

1. RGH Ramsey LLC, hereinafter referred to as the "**Permittee**", has properly applied for a Conditional Use Permit to construct and maintain an oversized ground sign on the property generally known as 7990 Sunwood Drive NW and legally described as follows:

   Lot 1, Block 1 COR TWO

   (the "**Subject Property**")

2. That the City of Ramsey (the "**City**") received an application for a Conditional Use Permit to allow the construction and maintenance of an oversized ground sign on the **Subject Property** on January 10, 2020.

3. That the **City** is the current owner of the **Subject Property**.

4. That the **Permittee** has an active Purchase Agreement with the **City** for Lots 1-3, Block 1 COR TWO, which includes the **Subject Property** (Lot 1).

5. That the **Subject Property** is located within the COR-2 District as are all the surrounding properties.

6. The **Subject Property** is approximately 1.37 acres in size.

7. That the **Permittee** is proposing construct a seventy-five (75) foot tall, 324 square foot, ground sign (the "**Sign**") on the **Subject Property**.

8. That as proposed, the **Sign** would have a total of three (3) tenant panels and would include a decorative base of faux stone as well.

9. That ground signs within the COR-2 sub-district are limited to 100 square feet in area (or an aggregate of 200 square feet if double faced) and six (6) feet in height.

10. That deviations from sign standards are permissible with the issuance of a Conditional Use Permit.

11. That since the completion of the Armstrong Blvd overpass, the **City** has approved three (3) Conditional Use Permits for oversized ground signs for Northstar Marketplace, Ramsey Commons, and West Armstrong Retail.

12. That all three of the approved Conditional Use Permits allowed for signs that were seventy-five (75) feet tall and 334 square feet, 225 square feet, and 320 square feet in area, respectively.

FINDINGS OF FACT

1. That the **Sign** will not be unduly dangerous or detrimental to persons residing or working in the vicinity of the use, or to the public welfare.

2. That the **Sign** will not substantially adversely impair the use, enjoyment or market value of any of the surrounding properties.

3. That the **Sign** will be harmonious with and in accordance with the specific objectives of the comprehensive plan.

4. That the **Sign** will be constructed and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the general vicinity and will not change the essential character of the area.

5. That the **Sign** will not be hazardous to existing or future neighboring uses.

6. That the **Sign** will not impact essential public facilities and services, such as highways, streets, police and fire protection, drainage structures, or schools.

7. That the **Sign** will not create excessive additional requirements at public cost for public facilities and services and will not be detrimental to the economic welfare of the community.

8. That the **Sign** will not involve uses, activities and equipment that will be detrimental to any persons, property, or the general welfare by reason of excessive production of traffic, noise, smoke, fumes, glare or odors.

9. That the **Sign** will be consistent with the intent and purposes of the Zoning Chapter.

NOW THEREFORE, BE IT RESOLVED BY THIS CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

That the Ramsey City Council hereby grants approval of a Conditional Use Permit (the "**Permit**") for an oversized ground sign on the **Subject Property** contingent upon the following conditions:

CONDITIONS

1. That this **Permit** allows for an oversized ground sign (the "**Sign**") on the **Subject Property**, not to exceed 324 square feet in area or seventy-five (75) feet in height.

2. That the **Permittee** shall obtain all necessary permits, including a Sign Permit, prior to construction of the **Sign** on the **Subject Property**.

3. That the **City** will not issue a Sign Permit for the **Sign** until such time that the **Permittee** has fee title to the **Subject Property** and a Building Permit has been issued for the construction of a building on either the **Subject Property** or Lots 2 or 3, Block 1 COR TWO.

4. That a survey, completed by licensed surveyor, of the **Subject Property** must be completed to verify that the determined **Sign** location will not conflict with existing utilities or encroach upon any easement on the **Subject Property**.

5. That the **Permittee** shall comply with all applicable local, state, and federal regulations.

6. That no part of the **Sign**, above or below ground, shall encroach within any drainage and utility easement on the **Subject Property** without approval and execution of an Easement Encroachment Agreement.

7. That no additional ground signs will be permitted on the **Subject Property** unless in full compliance with City Code.

8. That this **Permit** shall be perpetual in duration as long as the terms are herein complied with.

9. That the **Permittee** shall be responsible for all **City** costs incurred in administering and enforcing this **Permit**.

10. That the City Administrator, or his/her designee, shall have the right to inspect the premises for compliance and safety purposes annually or at any time, upon reasonable request.

11. That this **Permit** shall automatically expire if the use is not initiated by April 14, 2021 and issuance of a Sign Permit for the **Sign** shall be considered as initiating the use.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

CITY OF RAMSEY:

By:_____ By:_____
Mayor City Clerk

STATE OF MINNESOTA)
) ss.
COUNTY OF ANOKA)

On this _____ day of _____, ____, before me a Notary Public personally appeared John LeTourneau and Colleen Lasher, to me personally known, who, being each by me duly sworn, did say that they are respectively the Mayor and City Clerk of the City of Ramsey, the Municipal Corporation named in the foregoing instrument, and seal affixed to said instrument is the corporate seal of said Municipal corporation, and the said instrument was signed and sealed on behalf of said Municipal Corporation by authority of its City Council, and said John LeTourneau and Colleen Lasher acknowledge said instrument to be the free act and deed of said Municipal Corporation.

_____
Notary Public

This document drafted by:
City of Ramsey
7550 Sunwood Dr NW
Ramsey, MN 55303

CC Regular Session **7. 1.**

Meeting Date: 04/14/2020

By: Colleen Lasher, Administrative Services

Information

Title:

Adopt Resolution 20-076 Extending the Declaration of Emergency for the City Of Ramsey, MN Coronavirus Disease 2019 (Covid-19)

Purpose/Background:

The purpose of this meeting is to consider extending the Declaration of Local Emergency in the City of Ramsey. The City Council, per Minnesota Statute 12.29, Subd. 1., signed a Declaration of Local Emergency in the City of Ramsey on Tuesday, March 19 2020, which is set to expire after April 14, 2020. The City Council must take action to continue the Declaration in order for the Local State of Emergency to continue.

Attachments:
Minnesota Statutes 12.29, 13D.04, 412.19, 13D.021
April 14, 2020 Resolution
March 19, 2020 Resolution 20-062

Notification:

N/A

Observations/Alternatives:

The length of the Declaration of Local Emergency extension is at the discretion of the Council. Some cities have adopted indefinite terms for the state of emergency, set to expire when the State declaration expires. Staff is recommending a 60-day extension and review by the Council on June 9 at the latest, earlier if warranted.

Funding Source:

N/A

Recommendation:

To extend the Declaration of Local Emergency in the City of Ramsey through June 13, 2020; an additional 60 days.

Action:

Motion to adopt resolution 20-076 Extending the Declaration of Emergency for the City Of Ramsey, MN Coronavirus Disease 2019 (Covid-19) as follows:

1) Under the authority given by Minnesota Statutes, Section 12.29, declares that the local emergency previously ratified on March 19, 2020 within the City of Ramsey, effective until April 14, 2020, be extended and effective through Saturday, June 13 2020, unless further extended by or with the consent of the City Council pursuant to Minnesota Statutes, Section 12.29, Subd. 1.

2) Directs the City Manager and Emergency Management Director to continue to coordinate such actions and request such local, state and /or federal assistance as needed to protect the lives and public and private property in the City of Ramsey and the recovery of the City from impacts of this situation to the extent practicable and allowed by law, ordinance and resolution.

3) Orders that this declaration be given prompt and general publicity and that it be filed promptly by the City Clerk.

Roll Call Vote:
Councilmember Heinrich
Councilmember Riley
Councilmember Menth
Councilmember Specht
Councilmember Kuzma
Councilmember Musgrove
Mayor LeTourneau

Attachments

Resolution 20-076
Prev. Res. 20-062
03-17-20 Declaration
12.29
13D.021
13D.04
412.191

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	03/18/2020 05:26 PM
Colleen Lasher (Originator)	Colleen Lasher	04/09/2020 10:14 AM
Matt Kohner	Matt Kohner	04/09/2020 11:10 AM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:50 PM
Form Started By: Colleen Lasher		Started On: 03/18/2020 10:24 AM
Final Approval Date: 04/09/2020		

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-076

RESOLUTION EXTENDING THE DECLARATION OF EMERGENCY FOR THE CITY OF RAMSEY, MINNESOTA, CORONAVIRUS DISEASE 2019 (COVID-19)

WHEREAS, the virus named "SARS-CoV-2," is a new strain of coronavirus that has not previously been identified in humans and can easily spread from person to person and which causes a disease named "Coronavirus Disease 2019," commonly known as "COVID-19," which is a respiratory disease that can result in serious injury or death; and

WHEREAS, as a result of the COVID-19 pandemic outbreak in the state of Minnesota, Anoka County and in the City of Ramsey; the residents, businesses, and government have suffered and continue to experience significant impacts as a direct result of the pandemic outbreak and the actions required to respond to and mitigate these impacts; and,

WHEREAS, subject matter experts have determined that significant additional protective measures must be undertaken to reduce the impact of COVID-19 and such activity is and will continue to require activity beyond the current and usual resources of the City of Ramsey, requiring state and federal assistance; and,

WHEREAS, on March 13, 2020, President Donald Trump declared that the COVID-19 outbreak in the United States constitutes a National Emergency; and

WHEREAS, on March 13, 2020, Governor Tim Walz declared a Peacetime State of Emergency to authorize all necessary resources to be used in support of the COVID-19 response; and

WHEREAS, the Mayor of Ramsey signed a Declaration of Local Emergency in the City of Ramsey on March 17, 2020, valid for 72 hours requiring ratification and consent to extension by the city council in an emergency meeting; and,

WHEREAS, on March 19, 2020, the Ramsey City Council ratified and consented to the extension of the Local State of Emergency declared by Mayor LeTourneau and,

WHEREAS, on March 25, 2020, Governor Tim Walz issued an Executive Order 20-20 directing Minnesotans to stay at home beginning Friday, March 27, 2020, at 11:59 pm through Friday, April 10, 2020, at 5:00 pm, and on Wednesday, April 8 extended Executive Order 20-20 through May 3, 2020 at 11:59 pm; and,

WHEREAS, the Ramsey City Council anticipates both the national emergency and the state-declared Peacetime Emergency will extend beyond the expiration of the current 30-day period of the Local State of Emergency; and,

WHEREAS, the Ramsey City Council expects that the necessary local response to the COVID-19 health crisis will likely continue past the previously ratified 30-day period:

WHEREAS, the City Administrator and Emergency Management Director find that traditional sources of financial aid, assistance and relief will not be able to compensate for the potential impact of COVID-19, and have determined that the necessary resources to respond to and recover from this pandemic will exceed those resources available within the City of Ramsey, and additional resources will be needed from Anoka County, State and Federal sources.

NOW, THEREFORE, BE IT RESOLVED, THAT MAYOR JOHN LE TOURNEAU OF THE CITY OF RAMSEY, HEREBY PROCLAIMS, DECLARES, REQUESTS, AND DIRECTS AS FOLLOWS:

1) Under the authority given by Minnesota Statutes, Section 12.29, declares that the local emergency previously ratified on March 19, 2020 within the City of Ramsey, effective until April 14, 2020, be extended and effective through Saturday, June 13 2020, unless further extended by or with the consent of the City Council pursuant to Minnesota Statutes, Section 12.29, Subd. 1.

2) Directs the City Manager and Emergency Management Director to continue to coordinate such actions and request such local, state and /or federal assistance as needed to protect the lives and public and private property in the City of Ramsey and the recovery of the City from impacts of this situation to the extent practicable and allowed by law, ordinance and resolution.

3) Orders that this declaration be given prompt and general publicity and that it be filed promptly by the City Clerk.

The motion of the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

_____
Mayor

ATTEST:

_____

City Clerk

Councilmember Menth introduced the following resolution and moved for its adoption:

RESOLUTION #20-062

RESOLUTION OF DECLARATION OF EMERGENCY FOR THE CITY OF RAMSEY, MINNESOTA, CORONAVIRUS DISEASE 2019 (COVID-19)

WHEREAS, the virus named "SARS-CoV-2," is a new strain of coronavirus that has not previously been identified in humans and can easily spread from person to person and which causes a disease named "Coronavirus Disease 2019," commonly known as "COVID-19," which is a respiratory disease that can result in serious injury or death; and

WHEREAS, on January 21, 2020 the first case of COVID-19 was detected in the United States; on March 6, 2020 the first case of COVID-19 was detected in the State of Minnesota; and as of March 16, 2020, there are fifty-four known cases of COVID-19 in Minnesota, including cases in Anoka County; and

WHEREAS, on January 31, 2020, the United States Department of Health and Human Services Secretary Alex Azar declared a public health emergency for COVID-19, beginning on January 27, 2020; and

WHEREAS, on March 13, 2020, President Donald Trump declared that the COVID-19 outbreak in the United States constitutes a National Emergency; and

WHEREAS, on March 13, 2020, Governor Tim Walz declared a Peacetime State of Emergency to authorize all necessary resources to be used in support of the COVID-19 response; and

WHEREAS, as of March 15, 2020 the World Health Organization Situation Report confirmed a total of 153,517 cases of COVID-19 in over 135 countries, including 5,735 deaths; and as of March 16, 2020 a total of 54 cases of COVID-19 have been reported in Minnesota including three to five (3 to 5) potential cases in Anoka County; and

WHEREAS, COVID-19 has been identified by the World Health Organization as a pandemic, and the United States Centers for Disease Control has provided guidance for individuals, healthcare professionals, and businesses to slow the spread of COVID-19, which include cancelling or postponing in-person events that involve more than fifty people for eight weeks; and

WHEREAS, the City of Ramsey's Emergency Management Team has been preparing for weeks, working diligently with local, state, and federal partners to maintain situational awareness and respond to COVID-19; and

WHEREAS, additional local cases will trigger a more aggressive public health response and are predicted to impact residents of the City of Ramsey and those who work in or travel through the City, including City employees; and the need for social distancing, school closings, and

quarantine methods to stop the spread of COVID-19 is expected to cause significant challenges; and

WHEREAS, the City Administrator and Emergency Management Director find that this situation threatens the health, safety, and welfare of the citizens of the community and will cause a significant impact on the ability of public safety personnel to address any immediate dangers to the public as a result of COVID-19; and

WHEREAS, the City Administrator and Emergency Management Director find that traditional sources of financial aid, assistance and relief will not be able to compensate for the potential impact of COVID-19, and have determined that the necessary resources to respond to and recover from this pandemic will exceed those resources available within the City of Ramsey, and additional resources will be needed from Anoka County, State and Federal sources.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1) Under the authority given by Minnesota Statutes, Section 12.29 declares that a local emergency exists within the City of Ramsey, effective March 17, 2020, with all the powers and responsibilities attending thereto as provided by Minnesota Statutes, Chapter 12.

2) Directs City staff to review ordinance and regulatory requirements, operations, civil and legal proceedings, events, and resources to determine whether the foregoing should be adjusted or suspended, and to make recommendations regarding additional emergency regulations to support the employees and residents of the City of Ramsey.

3) Directs all City departments and offices to operate and support the response to this incident, under the direction and coordination of the Emergency Management Director and Emergency Management Team, including implementing new employee protocols, strategies, and processes to ensure that public services are maintained.

4) Directs the City's Emergency Management Director and other appropriate City staff to request and coordinate appropriate aid and resources from surrounding jurisdictions, Anoka County, the State of Minnesota, and the Federal government, as needed.

5) Declares, under Minnesota Statues, Section 13D.021, that in-person meetings of the Planning Commission, and other advisory commissions of the City of Ramsey are not practical or prudent due to the COVID-19 health pandemic and the peacetime emergency declared by Governor Walz pursuant to Minnesota Statutes, Chapter 12, and hereby directs that meetings of the Planning Commission, and other advisory commissions of the City shall be either cancelled, postponed or conducted by telephone or other electronic means, and hereby directs City Staff to take such action as may be necessary to enable such meetings to occur via telephone or other electronic means pursuant to Minnesota Statutes, Section 13D.021, until such time as it is no longer impractical or imprudent for the Planning Commission, and other advisory commission to resume in-person meetings.

6) Orders this Emergency Declaration for the City of Ramsey, Minnesota, which shall continue through Tuesday, April 14, 2020, unless further extended by or with the consent of the City Council pursuant to Minnesota Statutes, Section 12.29, Subd. 1.

7) Orders that this declaration be given prompt and general publicity and that it be filed promptly by the City Clerk.

The motion of the adoption of the foregoing resolution was duly seconded by Councilmember Kuzma, and upon vote being taken thereon, the following voted in favor thereof:

Mayor LeTourneau
Councilmember Menth
Councilmember Kuzma
Councilmember Heinrich
Councilmember Musgrove
Councilmember Riley
Councilmember Specht

and the following voted against the same:

None

and the following abstained:

None

and the following were absent:

None

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 19th day of March, 2020.

Mayor

ATTEST:

City Clerk

City of RAMSEY

7550 Sunwood Drive NW • Ramsey, MN 55303
City Hall: 763.427.1410 • Fax: 763.427.5543
www.cityoframsey.com

CITY OF RAMSEY DECLARING LOCAL STATE OF EMERGENCY

WHEREAS, there is a global COVID-19 Pandemic; and,

WHEREAS, the President of the United States has declared a National Emergency; and,

WHEREAS, the Governor of the State of Minnesota has declared a Peacetime Emergency; and,

WHEREAS , Subject Matter Experts have determined that proactive measures must be undertaken to reduce the impact of COVID-19, and activity will be beyond the usual resources of the City of Ramsey; and,

WHEREAS, response and support to affected individuals, communities, medical systems, business and government has caused significant impact to the county as a whole; and,

WHEREAS, Minnesota Statutes Chapter 12.29 authorizes the Mayor of Ramsey to sign a Declaration of Local Emergency in the City of Ramsey valid for up to 72 hours after which a meeting of the City Council will be needed to continue this Declaration; and,

WHEREAS, The City of Ramsey Director of Emergency Management recommends the City of Ramsey Council declare that a Local State of Emergency exists in the City of Ramsey:

NOW, THEREFORE BE IT RESOLVED, I John LeTourneau, as Mayor of the City of Ramsey, declare Ramsey to be in a Local State of Emergency March 17th, 2020, due to ongoing and expected response to and recovery from; COVID-19 Pandemic and direct the City Administrator and the Director of Emergency Management to coordinate such actions and request such local, state and/or federal assistance as needed to protect lives and public and private property in the City of Ramsey and the recovery of the city from the impacts of this situation to the extent practicable and allowed by law, ordinance and resolution.

BE IT FURTHER RESOLVED, that I direct the City Administrator and Director of Emergency Management to ensure a formal Request for Council Action be put forward to a meeting of the Ramsey City Council as required by law.

Signed this 17th day of March 2020.

Mayor,
City of Ramsey

12.29 DECLARATION OF LOCAL EMERGENCY.

Subdivision 1. **Authority to declare emergency.** A local emergency may be declared only by the mayor of a municipality or the chair of a county board of commissioners or their legal successors. It may not be continued for a period in excess of three days except by or with the consent of the governing body of the political subdivision. Any order or proclamation declaring, continuing, or terminating a local emergency must be given prompt and general publicity and filed promptly by the chief of the local record-keeping agency of the political subdivision.

Subd. 2. **Effect of declaration of emergency.** A declaration of a local emergency invokes necessary portions of the response and recovery aspects of applicable local or interjurisdictional disaster plans, and may authorize aid and assistance under those plans.

Subd. 3. **Interjurisdictional agencies.** No interjurisdictional agency or official may declare a local emergency unless expressly authorized by the agreement under which the agency functions. However, an interjurisdictional disaster agency shall provide aid and services in accordance with the agreement under which it functions.

History: *1976 c 266 s 2; 1986 c 444; 1996 c 344 s 18*

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13D.021 MEETINGS BY TELEPHONE OR OTHER ELECTRONIC MEANS; CONDITIONS.

Subdivision 1. **Conditions.** A meeting governed by this section and section 13D.01, subdivisions 1, 2, 4, and 5, may be conducted by telephone or other electronic means so long as the following conditions are met:

(1) the presiding officer, chief legal counsel, or chief administrative officer for the affected governing body determines that an in-person meeting or a meeting conducted under section 13D.02 is not practical or prudent because of a health pandemic or an emergency declared under chapter 12;

(2) all members of the body participating in the meeting, wherever their physical location, can hear one another and can hear all discussion and testimony;

(3) members of the public present at the regular meeting location of the body can hear all discussion and testimony and all votes of the members of the body, unless attendance at the regular meeting location is not feasible due to the health pandemic or emergency declaration;

(4) at least one member of the body, chief legal counsel, or chief administrative officer is physically present at the regular meeting location, unless unfeasible due to the health pandemic or emergency declaration; and

(5) all votes are conducted by roll call, so each member's vote on each issue can be identified and recorded.

Subd. 2. **Members are present for quorum, participation.** Each member of the body participating in a meeting by telephone or other electronic means is considered present at the meeting for purposes of determining a quorum and participating in all proceedings.

Subd. 3. **Monitoring from remote site; costs.** If telephone or another electronic means is used to conduct a meeting, to the extent practical, the body shall allow a person to monitor the meeting electronically from a remote location. The body may require the person making a connection to pay for the documented additional cost that the body incurs as a result of the additional connection.

Subd. 4. **Notice of regular and all member sites.** If telephone or another electronic means is used to conduct a regular, special, or emergency meeting, the public body shall provide notice of the regular meeting location, of the fact that some members may participate by telephone or other electronic means, and of the provisions of subdivision 3. The timing and method of providing notice is governed by section 13D.04 of the Open Meeting Law.

History: *2007 c 110 s 1*

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13D.04 NOTICE OF MEETINGS.

Subdivision 1. **Regular meetings.** A schedule of the regular meetings of a public body shall be kept on file at its primary offices. If a public body decides to hold a regular meeting at a time or place different from the time or place stated in its schedule of regular meetings, it shall give the same notice of the meeting that is provided in this section for a special meeting.

Subd. 2. **Special meetings.** (a) For a special meeting, except an emergency meeting or a special meeting for which a notice requirement is otherwise expressly established by statute, the public body shall post written notice of the date, time, place, and purpose of the meeting on the principal bulletin board of the public body, or if the public body has no principal bulletin board, on the door of its usual meeting room.

(b) The notice shall also be mailed or otherwise delivered to each person who has filed a written request for notice of special meetings with the public body. This notice shall be posted and mailed or delivered at least three days before the date of the meeting.

(c) As an alternative to mailing or otherwise delivering notice to persons who have filed a written request for notice of special meetings, the public body may publish the notice once, at least three days before the meeting, in the official newspaper of the public body or, if there is none, in a qualified newspaper of general circulation within the area of the public body's authority.

(d) A person filing a request for notice of special meetings may limit the request to notification of meetings concerning particular subjects, in which case the public body is required to send notice to that person only concerning special meetings involving those subjects.

(e) A public body may establish an expiration date for requests for notices of special meetings pursuant to this subdivision and require refiling of the request once each year.

(f) Not more than 60 days before the expiration date of a request for notice, the public body shall send notice of the refiling requirement to each person who filed during the preceding year.

Subd. 3. **Emergency meetings.** (a) For an emergency meeting, the public body shall make good faith efforts to provide notice of the meeting to each news medium that has filed a written request for notice if the request includes the news medium's telephone number.

(b) Notice of the emergency meeting shall be given by telephone or by any other method used to notify the members of the public body.

(c) Notice shall be provided to each news medium which has filed a written request for notice as soon as reasonably practicable after notice has been given to the members.

(d) Notice shall include the subject of the meeting. Posted or published notice of an emergency meeting is not required.

(e) An "emergency" meeting is a special meeting called because of circumstances that, in the judgment of the public body, require immediate consideration by the public body.

(f) If matters not directly related to the emergency are discussed or acted upon at an emergency meeting, the minutes of the meeting shall include a specific description of the matters.

(g) The notice requirement of this subdivision supersedes any other statutory notice requirement for a special meeting that is an emergency meeting.

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Subd. 4. **Recessed or continued meetings.** (a) If a meeting is a recessed or continued session of a previous meeting, and the time and place of the meeting was established during the previous meeting and recorded in the minutes of that meeting, then no further published or mailed notice is necessary.

(b) For purposes of this subdivision, the term "meeting" includes a public hearing conducted pursuant to chapter 429 or any other law or charter provision requiring a public hearing by a public body.

Subd. 5. **Closed meetings.** The notice requirements of this section apply to closed meetings.

Subd. 6. **State agencies.** For a meeting of an agency, board, commission, or department of the state required or permitted by law to transact public business in a meeting:

(1) the notice requirements of this section apply only if a statute governing meetings of the agency, board, or commission does not contain specific reference to the method of providing notice;

(2) all provisions of this section relating to publication are satisfied by publication in the State Register or posting on the website of the agency, board, commission, or department; and

(3) a schedule of the regular meetings shall be kept on file at the primary offices or posted on the website of the agency, board, commission, or department.

Subd. 7. **Actual notice.** If a person receives actual notice of a meeting of a public body at least 24 hours before the meeting, all notice requirements of this section are satisfied with respect to that person, regardless of the method of receipt of notice.

History: *1957 c 773 s 1; 1967 c 462 s 1; 1973 c 123 art 5 s 7; 1973 c 654 s 15; 1973 c 680 s 1,3; 1975 c 271 s 6; 1981 c 174 s 1; 1983 c 137 s 1; 1983 c 274 s 18; 1984 c 462 s 27; 1987 c 313 s 1; 1990 c 550 s 2,3; 1991 c 292 art 8 s 12; 1991 c 319 s 22; 1994 c 618 art 1 s 39; 1997 c 154 s 2; 2014 c 274 s 1*

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412.191 MEMBERS; POWERS, DUTIES.

Subdivision 1. **Composition.** The city council in a standard plan city shall consist of the mayor, the clerk, and the three or five council members. In optional plan cities, except those cities having a larger council under Minnesota Statutes 1994, section 412.023, subdivision 4, the council shall consist of the mayor and the four council members. A majority of all the members shall constitute a quorum although a smaller number may adjourn from time to time.

Subd. 2. **Meetings.** Regular meetings of the council shall be held at such times and places as may be prescribed by its rules. Special meetings may be called by the mayor or by any two members of a five-member council or three members of a seven-member council by writing filed with the clerk who shall then mail a notice to all the members of the time and place of meeting at least one day before the meeting. The mayor or, in the mayor's absence, the acting mayor, shall preside. All meetings of the council shall be open to the public. The council may preserve order at its meetings, compel the attendance of members, and punish nonattendance and shall be the judge of the election and qualification of its members. The council shall have power to regulate its own procedure.

Subd. 3. **Publish proceedings; alternative.** The council, after every regular or special meeting, shall publish the official council proceedings or a summary conforming to section 331A.01, subdivision 10. As an alternative to publication, the city may mail, at city expense, a copy of the proceedings to any resident upon request. The publication shall occur within 30 days of the meeting to which the proceedings relate. Cities with a population of less than 1,000 according to the latest federal census are not required to comply with this section, but may do so at their discretion.

Subd. 4. **Ordinances.** Every ordinance shall be enacted by a majority vote of all the members of the council except where a larger number is required by law. It shall be signed by the mayor, attested by the clerk and published once in the official newspaper. In the case of lengthy ordinances, or ordinances which include charts or maps, if the city council determines that publication of the title and a summary of an ordinance would clearly inform the public of the intent and effect of the ordinance, the council may by a four-fifths vote of its members direct that only the title of the ordinance and a summary be published, conforming to section 331A.01, subdivision 10, with notice that a printed copy of the ordinance is available for inspection by any person during regular office hours at the office of the city clerk and any other location which the council designates. A copy of the entire text of the ordinance shall be posted in the community library, if there is one, or if not, in any other public location which the council designates. Prior to the publication of the title and summary the council shall approve the text of the summary and determine that it clearly informs the public of the intent and effect of the ordinance. The publishing of the title and summary shall be deemed to fulfill all legal publication requirements as completely as if the entire ordinance had been published. The text of the summary shall be published in a body type no smaller than brevier or eight-point type. Proof of the publication shall be attached to and filed with the ordinance.

Every ordinance shall be recorded in the ordinance book within 20 days after publication of the ordinance or its title and summary. All ordinances shall be suitably entitled and shall be substantially in the style. "The City Council of ..... ordains:".

Subd. 5. [Repealed, 1976 c 44 s 70]

History: *1949 c 119 s 22-26; 1967 c 289 s 6; 1973 c 123 art 2 s 1 subd 2; 1976 c 44 s 26; 1981 c 219 s 1; 1984 c 543 s 46,47; 1986 c 444; 1989 c 30 s 4,5; 1997 c 7 art 1 s 135; 2004 c 182 s 30; 2016 c 158 art 1 s 182*

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CC Regular Session **7. 2.**

Meeting Date: 04/14/2020

By: Chloe McGuire Brigl, Community Development

Information

Title:

CANCELED: Adopt Resolution #20-058 Related to Garden View Villas (Project No. 19-136)

Purpose/Background:

At the request of the Developer, this case has been withdrawn. Staff expects a revised proposal/project to be forwarded, which will have to start at the beginning of the process.

Recommendation:

Action:

No action is being requested at this time. The project has been withdrawn. A revised proposal is expected, but will need to follow standard processes and notification procedures.

Attachments

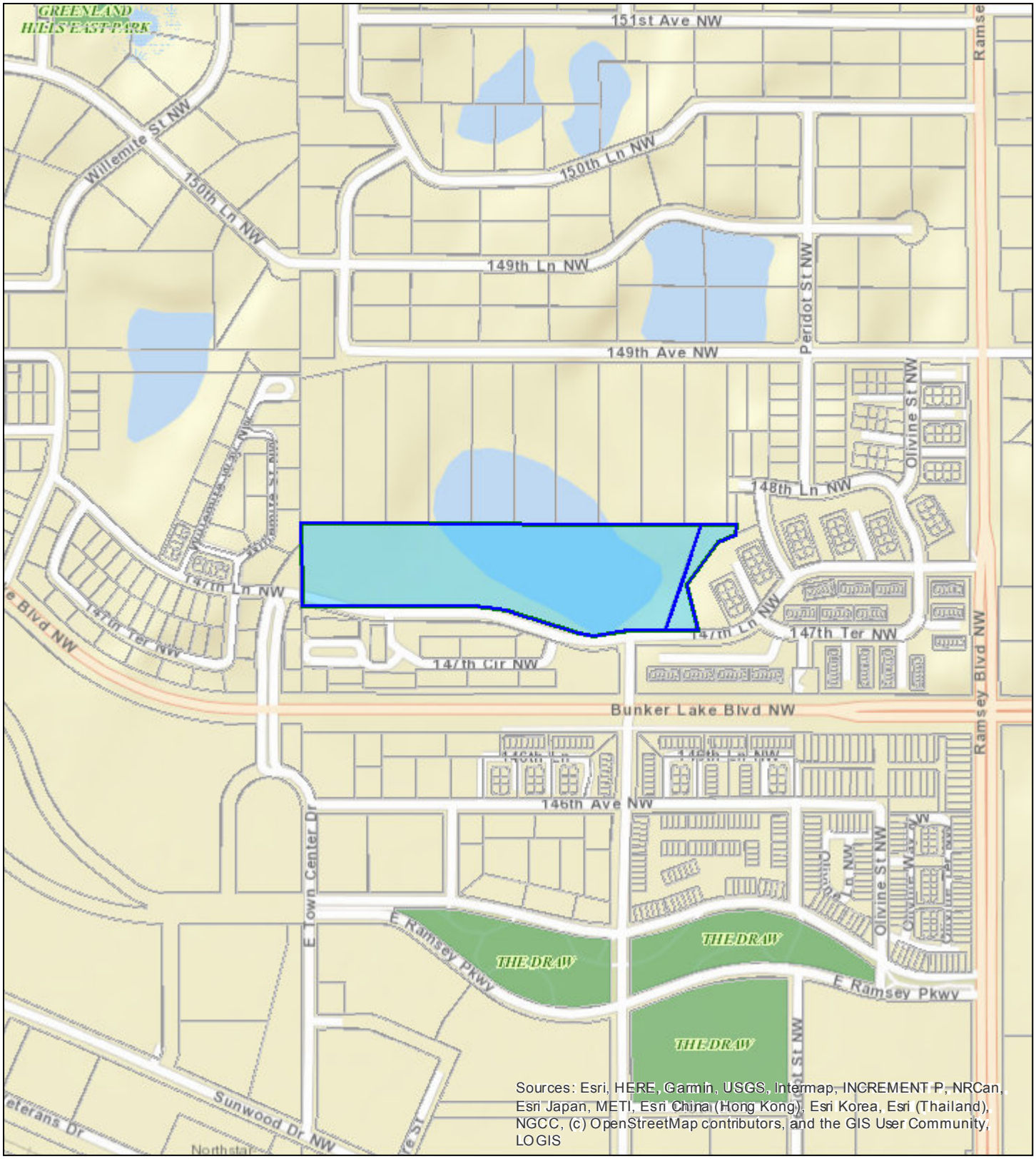
Site Location

Preliminary Plat Plans

Proposed Architecture

Form Review

Inbox	Reviewed By	Date
Tim Gladhill	Chloe McGuire Brigl	03/17/2020 02:17 PM
Tim Gladhill	Tim Gladhill	04/09/2020 08:14 AM
Tim Gladhill	Tim Gladhill	04/09/2020 09:47 AM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:15 PM
Form Started By: Chloe McGuire Brigl		Started On: 03/12/2020 12:23 PM
Final Approval Date: 04/09/2020		



City of RAMSEY

Site Location Map

Legend

- Site
- Parcels

N

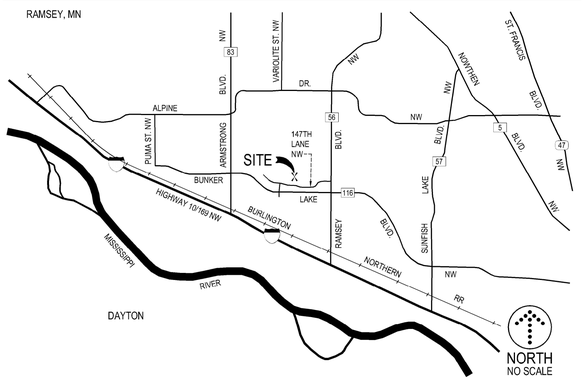
Print Date: September 13, 2019

0 0.175 0.35 mi

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

AREA LOCATION MAP



ABBREVIATIONS

D	Angle	LB.	Pound
&	And	LGU	Local Government Unit
@	At	LB.	Pound
100 YR.	100 Year Flood Elevation	LB.	Longitudinal
A.B.	Anchor Bolt	LT.	Light / Lighting
A.D.	Area Drain	MAINT.	Maintenance
A/C	Air Conditioning Unit	MAS.	Masonry
ADD.	Addendum	MATL.	Material
ADDL.	Additional	MAX.	Maximum
ADJ.	Adjacent / Adjust	MECH	Mechanical
AHU	Air Handling Unit	MED.	Medium
ALT.	Alternate	MFR.	Manufacturer
ALUM.	Aluminum	MH	Manhole
ANOD.	Anodized	MIN.	Minimum / Minute
APPROX.	Approximate	MISC.	Miscellaneous
ARCH	Architect / Architectural	MNDOT	Minnesota Department Of Transportation
AUTO.	Automatic	MOD.	Module / Modular
AVG.	Average	MUL.	Mullion
B.C.	Back of Curb	N.	North
B/W	Bottom of Wall	N.I.C.	Not In Contract
BFE	Basement Floor Elevation	NO. OR #	Number
BIT	Bituminous (Asphaltic)	NOM	Nominal
BLDG	Building	NTS	Not to Scale
BM	Benchmark	NWE	Normal Water Elevation
BSMT.	Basement	NWL	Normal Water Level
C.F.	Cubic Feet	O.F.	On Center
C.F.S.	Cubic Feet Per Second	O.G.	Outside Dimension
C.G.	Corner Guard	O.H.	Overhead Electric
C.J.	Control Joint	OH.	Overhead
C.L.	Centerline	OHWL	Ordinary High Water Level
C.M.U.	Concrete Masonry Unit	OPNG.	Opening
C.O.	Cleanout	ORIG.	Original
C.O.E.	U.S. Army Corps Of Engineers	P.C.	Point of Curvature
C.Y.	Cubic Yards	P.I.	Point of Intersection
CB	Catch Basin	PIV	Post Indicator Valve
CBMH	Catch Basin Manhole	P.L. OR P/L	Property Line
CEM.	Cement	P.O.B.	Point of Beginning
CIP	Cast Iron Pipe	P.S.F.	Pounds Per Square Foot
CMP	Corrugated Metal Pipe	P.S.I.	Pounds Per Square Inch
CONC.	Concrete (Portland)	P.T.	Point of Tangency
CONN.	Connection	P.V.C.	Point of Vertical Curvature
CONST.	Construction	P.V.I.	Point of Vertical Intersection
CONT.	Continuous	P.V.T.	Point of Vertical Tangency
CONTR.	Contractor	PE	Polyethylene
COP.	Copper	PED.	Pedestal / Pedestrian
CU.	Cubic	PERF.	Perforated
D.S.	Down Spout	PREP.	Preparation
DEG.	Degree	PROJ.	Project
DEMO.	Demolition / Demolish	PROP.	Proposed
DEPT.	Department	PVC	Poly-Vinyl-Chloride (Piping)
DET.	Detail	PVMT.	Pavement
DIA.	Diameter	QTR.	Quarter
DIAG.	Diagonal	QTY.	Quantity
DIM.	Dimension	R	Radius
DIP	Ductile Iron Pipe	RAD.	Radius
DN	Down	RE	Rim Elevation (Casting)
DWG.	Drawing	R.D.	Roof Drain
E	East	R.E.	Remove Existing
E.J.	Expansion Joint	R.O.	Rough Opening
E.O.	Emergency Overflow	R.P.	Radius Point
E.O.S.	Emergency Overflow Swale	RC	Reinforced Concrete Pipe
E.W.	Each Way	R.S.	Rough Slab
EA.	Each EL. Elevation	RSD	Roof Storm Drain
ELEC.	Electrical	RE.	Regarding
ELEV.	Elevation	REINF.	Reinforced
EMER.	Emergency	REQ'D	Required
ENGR.	Engineer	REV.	Revision / Revised
ENTR.	Entrance	RGU	Regulatory Government Unit
EQ	Equal	ROW OR R/W	Right of Way
EQUIP.	Equipment	S.	South
EQUIV.	Equivalent	S.F.	Square Feet
EXIST.	Existing	SAN.	Sanitary Sewer
EXP.	Expansion	SECT.	Section
F & I	Furnish and Install	SE	Split Entry /Side Exit
F.B.O.	Furnished by Others	SEWO	Split Entry Walk Out /Side Exit Walk Out
F.C.	Face of Curb	SHT.	Sheet
F.D.	Floor Drain	SIM.	Similar
F.D.C.	Fire Department Connection	SLNT.	Sealant
F.V.	Field Verify	SPEC.	Specification
FB	Full Basement	SQ.	Square
FBWO	Full Basement Walk Out	SSD	Subsurface drain
FBLO	Full Basement Look Out	STMH	Storm Sewer Manhole
FDN.	Foundation	STD.	Standard
FES	Flared End Section	STRUCT.	Structural
FFE	Finished Floor Elevation	SYM.	Symmetrical
FLR.	Floor	T	Thickness
FT. OR (')	Foot	T/R	Top of Rim
FUT.	Future	T/W	Top of Wall
G.B.	Grade Break	TEMP.	Temporary
G.C.	General Contractor	THK.	Thick / Thickness
GAL.	Gallon	T.J.	Tooled Joint
GALV.	Galvanized	TNH	Top Nut Hydrant
GFE	Garage Floor Elevation	TYP.	Typical
GL.	Glass	U.N.O.	Unless Noted Otherwise
GR.	Grade	V.B.	Vapor Barrier
H.	Height	V.C.	Vertical Curve
H.P.	High Point	V.I.F.	Verify In Field
HDPEP	High Density Polyethylene Pipe	VER.	Verify
HGT.	Height	VERT.	Vertical
HORIZ.	Horizontal	VEST.	Vestibule
HVAC	Heating, Ventilation, Air Conditioning	W	Width
HYD	Hydrant	W.P.T.	Working Point
I.D.	Inside Dimension OR Identification	W.W.F.	Welded Wire Fabric
I.E. or IE	Invert Elevation	W/	With
IN. OR (")	Inches	W/O	Without
INFO.	Information	W/O	Walk Out
INL.	Inlet Elevation	VER.	Wetland
INSUL.	Insulation	WP	Waterproof
INV.	Invert Elevation	WETL.	Weight
JT.	Joint	YD	Yard
L.F.	Linear Feet	YR.	Year
L.P.	Low Point / Liquid Petroleum		

SYMBOLS

EXISTING	DESCRIPTION	NEW	DESCRIPTION
120	MAJOR CONTOUR	120	MAJOR CONTOUR
123	MINOR CONTOUR	123	MINOR CONTOUR
234.5	SPOT ELEVATION	123.45	SPOT ELEVATION
	BUILDING		BUILDING
	CANOPY / OVERHANG		CANOPY/OVERHANG
	CONCRETE		UNDERGROUND STRUCTURE
	BITUMINOUS		CONCRETE
	LANDSCAPING		CONCRETE CURB
	GRAVEL	BIT. EDGE HEIGHT, TYPE	EDGE OF PAVEMENT
	PAVING BLOCK		FENCING
	PAVING BLOCK		GUARD RAIL
			CONCRETE RETAINING WALL
12"STS >>	STORM SEWER LINE		MODULAR RETAINING WALL
8"SAN >	SANITARY SEWER LINE		FIELDSTONE RETAINING WALL
6"WTR	WATER MAIN		EXIT LOCATION
OE	OVERHEAD ELECTRIC		LIGHT STANDARD
UT	UNDERGROUND TELEPHONE	Ø	POWER POLE
FO	UNDERGROUND FIBER OPTIC	1.00 %	SLOPE DIRECTION
UE	UNDERGROUND ELECTRIC		CATCH BASIN
G	GAS LINE		MANHOLE
	CONCRETE CURB		BOLLARD
X HEIGHT, TYPE X	FENCING	STS >> FES RIPRAP	STORM SEWER
	RETAINING WALL	SAN >	SANITARY SEWER-WASTE
	SET 1/2" X 14" IRON PIPE	FM >	FORCE MAIN
	IRON MONUMENT FOUND	RD >>	ROOF DRAIN SYSTEM
	SURVEY DISK (BENCHMARK)	GATE VALVE WTR HYD	WATERMAIN
	POWERPOLE	FIRE	FIRE LINE (IF SEPARATE)
	GUY WIRE	BLDG.	FIRE DEPT. CONNECTION
	GUARD POST	C.O.	
	GAS METER	X'SSD	SOIL SUBDRAIN
		GAS	GAS LINE-UNDERGROUND
	TRANSFORMER	ELEC	ELECTRIC-UNDERGROUND
	WATER SHUT-OFF VALVE	TELE	TELEPHONE-UNDERGROUND
	TRAFFIC SIGN	CATV	UNDERGROUND CABLE/TV
	FLAG POLE	LSS	LAWN SPRINKLER SLEEVE
GM			
T			
	LIGHT POLE		
LT			
	TREES		
	TREE LINE		
	MANHOLE		
	CATCH BASIN		
	FIRE HYDRANT		
	WATER VALVE		
	FLARED END SECTION		
MB	MAILBOX		
1	NOTE NUMBER		
(M)	MEASURED DISTANCE		
(P)	DISTANCE PER RECORDED PLAT		
B-X	SOIL BORING		

EROSION CONTROL SYMBOLS

SYMBOL	DESCRIPTION
	SILT FENCE
	COMPOST/BIO LOG
	INLET PROTECTION
	EROSION CONTROL BLANKET

DRAWING SYMBOLS

SYMBOL	DESCRIPTION
3	NOTE REFERENCE
12	PARKING STALL COUNT
C7.3 / 1	LARGE SHEET DETAIL
C21	COORDINATE POINT
2	REVISION - ADDENDUM, BULLETIN, ETC.
	REVISED AREA (THIS ISSUE)

LEGAL DESCRIPTION

Outlot E and D, Town Center Gardens Third Addition, Anoka County, Minnesota.

Abstract Property.

BENCHMARK

Mn/DOT Name: HYATT MNDT NGS Name: HYATT County: ANOKA, MN

Monument Type: CONCRETE MONUMENT (CAST-IN-PLACE) Disk Type: HORIZONTAL CONTROL DISK

Elevation: 878.97 (NAVD88)

Description: (1995) Stamping: HYATT 1974

4.5 MILES NORTHWEST OF ANOKA, 4.0 MILES NORTHWEST ALONG TRUNK HIGHWAY 10/TRUNK HIGHWAY 169 FROM THE JUNCTION OF TRUNK HIGHWAY 10/TRUNK HIGHWAY 169 AND TRUNK HIGHWAY 47 IN ANOKA, AT TRUNK HIGHWAY 10 MILEPOINT 220.4, 0.2 MILE SOUTHEAST OF COUNTY ROAD 83 (ARMSTRONG BOULEVARD), 45.7 FEET NORTHEAST OF THE NORTH RAIL OF A RAILROAD, 16.02 FEET SOUTHWEST OF HYATT MNDT RM 1, 20.64 FEET SOUTHEAST OF HYATT MNDT RM 2, 1.9 FEET SOUTHWEST OF A WITNESS POST.

OWNER

LANDFORM DEVELOPMENT PARTNERS, LLC

STREET ADDRESS
CITY, STATE, ZIP
TEL XXX-XXX-XXXX
FAX XXX-XXX-XXXX
CONTACT: DARREN LAZAN

PROJECT CONTACTS

CIVIL ENGINEER
LANDFORM
105 SOUTH FIFTH AVENUE, SUITE 513
MINNEAPOLIS, MN 55401
TEL 612-252-9070
CONTACT: RANDY HEDLUND

SURVEYOR
LANDFORM
105 SOUTH FIFTH AVENUE, SUITE 513
MINNEAPOLIS, MN 55401
TEL 612-252-9070
CONTACT: LYNN CASWELL

LANDSCAPE ARCHITECT
LANDFORM
105 SOUTH FIFTH AVENUE, SUITE 513
MINNEAPOLIS, MN 55401
TEL 612-252-9070
CONTACT: NAME HERE

CIVIL / LANDSCAPE SHEET INDEX & REVISION MATRIX

SHEETS ISSUED BY DATE

SHEET NO.	DESCRIPTION	mm.dd.yy
C0.1	TITLE SHEET	X
C0.2	PRELIMINARY PLAT	X
C1.1	EXISTING CONDITIONS & DEMOLITION	X
C2.1	SITE PLAN	X
C3.1	GRADING, DRAINAGE, PAVING & EROSION CONTROL	X
C3.2	MINNESOTA SWPPP	X
C4.1	UTILITIES	X
C7.1	CIVIL CONSTRUCTION DETAILS	X
C7.2	CIVIL CONSTRUCTION DETAILS	X
L1.1	LANDSCAPE	X
L7.1	LANDSCAPE DETAILS	X

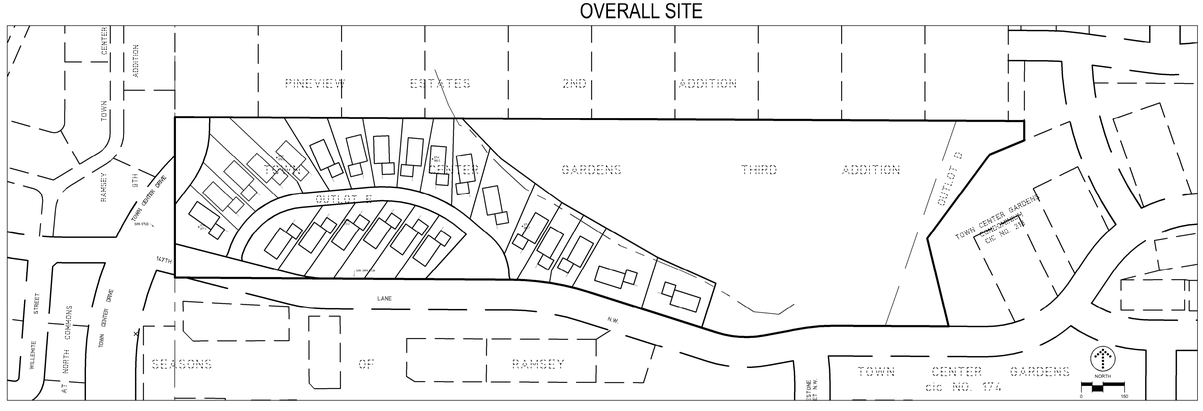
CERTIFICATIONS

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

RANDALL C. HEDLUND, P.E.

LICENSE NUMBER 19576 DATE: XX MONTH YEAR

OVERALL SITE



DEVELOPER

DC RAMSEY, LLC
105 S. 5TH AVE. STE 513
Minneapolis, MN 55401

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS
RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the state of MINNESOTA.

Randall C. Hedlund
License No. XX/XX/XXXX

Signature Date

PRELIMINARY NOT FOR CONSTRUCTION

The author of these plans, specifications, or reports does not represent that any copy of this plan on file at the [illegible] is a true and correct copy and is available upon request.

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PRELIMINARY PLAT
12.02.2019

LANDFORM
From Site to Finish

105 South Fifth Avenue Tel: 612-252-9070
Suite 513 Fax: 612-252-9077
Minneapolis, MN 55401 Web: landform.net

FILE NAME C001LDP007.dwg

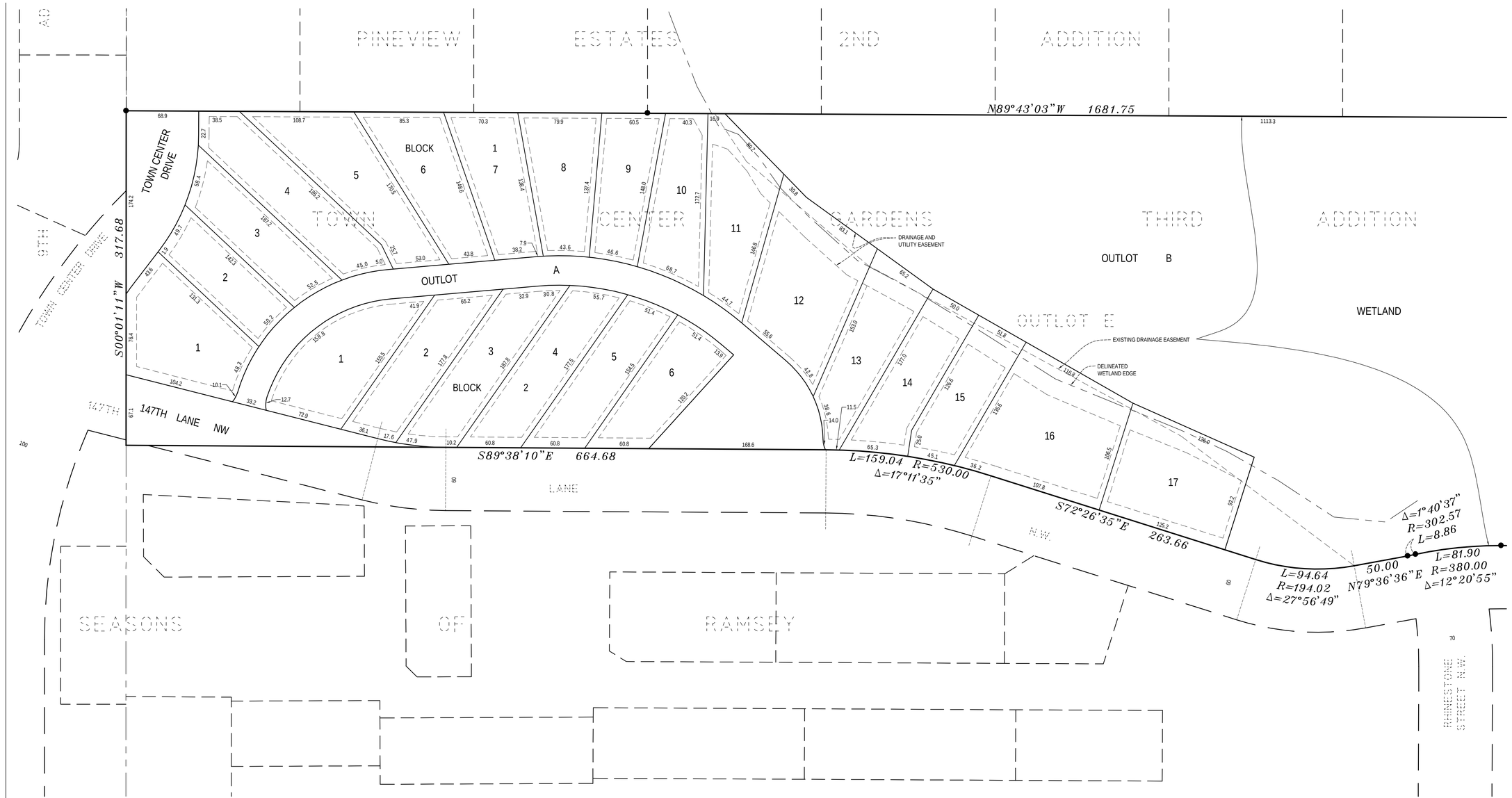
PROJECT NO. LDP19007

TITLE SHEET
C0.1

SHEET NO. 1/11

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LEGAL DESCRIPTION

Outlots D and E, TOWN CENTER GARDENS THIRD ADDITION, Anoka County, Minnesota.

(Abstract property)

AREA SUMMARY

TOTAL SITE AREA: 556,748 S.F. = 12.78 AC.

OUTLOT B: 293,890 S.F. = 6.75 AC.

RIGHT OF WAY AREA: 17,567 S.F. = 0.40 AC.

NET AREA: 245,291 S.F. = 5.63 AC.

TOTAL SINGLE FAMILY LOTS = 23

NET DENSITY = 4.1 U/A

ZONING AND SETBACK SUMMARY

THE PROPERTY IS ZONED R-2: MEDIUM DENSITY RESIDENTIAL

BUILDING SETBACK INFORMATION IS AS FOLLOWS:
FRONT YARD - 25 FT. FROM PRIVATE STREETS (MEASURED FROM BACK OF CURB)
REAR - 20 FT.
SIDE (INTERIOR) - 5 FT.
SIDE (STREET) - 25 FT.

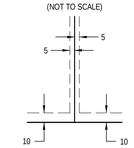
LOT COVERAGE INFORMATION IS AS FOLLOWS:
REQUIRED LOT AREA = .15 AC.
MINIMUM LOT WIDTH = 50 FT.
MAXIMUM LOT COVERAGE = 35%

LOT AREA TABLE

Lot Area Table		
Parcel #	Lot/Block	Area
1	1/1	11052
2	2/2	6715
3	3/1	8073
4	4/1	10485
5	5/1	11291
6	6/1	9308
7	7/1	8105
8	8/1	8402
9	9/1	7555
10	10/1	8316
11	11/1	9853
12	12/1	14056
13	13/1	9280
14	14/1	8359

Lot Area Table		
Parcel #	Lot/Block	Area
15	15/1	7338
16	16/1	15508
17	17/1	12433
18	1/2	10303
19	19	8344
20	3/2	9238
21	4/2	9192
22	5/2	8349
23	6/2	7839
24	Outlot A	25898
25	Outlot B	293890
26	R/W 147th	9123
27	R/W new	8444

DRAINAGE AND UTILITY EASEMENTS ARE SHOWN THUS:
(NOT TO SCALE)



BEING 5 FEET IN WIDTH AND ADJOINING LOT LINES, UNLESS OTHERWISE SHOWN, AND 10 FEET IN WIDTH AND ADJOINING RIGHT OF WAY LINES UNLESS OTHERWISE SHOWN

Know what's Below. Call before you dig.

NORTH

0 50 100

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DEVELOPER

Landform Development Partnership
Address
City, MN ZIP
TEL (XXX) XXX-XXXX

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the state of MINNESOTA.

Randall C. Heller

License No. XXXXX

Signature shown is a reproduction of the original signed copy of this plan on file at the Professional Engineer's office and is available upon request.

PRELIMINARY NOT FOR CONSTRUCTION

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PRELIMINARY PLAT
12.02.2019

LANDFORM
From Site to Finish

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Suite 513
Minneapolis, MN 55401
Tel: 612-252-9070
Fax: 612-252-9077
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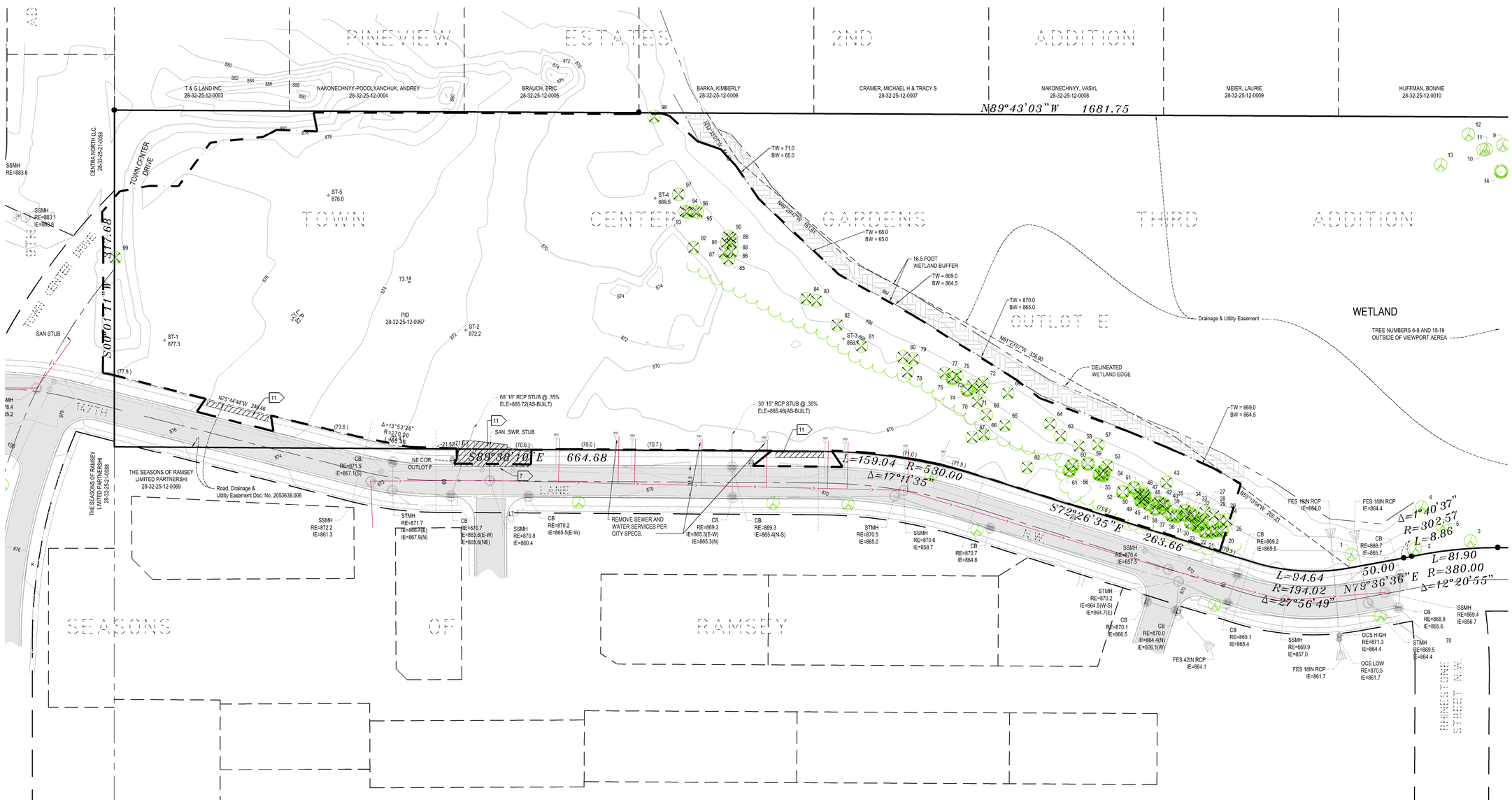
FILE NAME C002LDP007.dwg

PROJECT NO. LDP19007

PRELIMINARY PLAT
C0.2

SHEET NO. 2/11

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LEGAL DESCRIPTION

Outlots D and E, TOWN CENTER GARDENS THIRD ADDITION, Anoka County, Minnesota.

(Abstract property)

EXISTING CONDITIONS

1. BACKGROUND INFORMATION SHOWN IS FROM SURVEY BY LANDFORM, MINNEAPOLIS, MN, IN AUGUST, 2019, EXPRESSLY FOR THIS PROJECT; CITY OF RAMSEY, MINNESOTA RECORD DRAWINGS; AND UTILITY SERVICE PROVIDERS. LANDFORM OFFERS NO WARRANTY, EXPRESSED OR WRITTEN, FOR INFORMATION PROVIDED BY OTHERS. EXISTING PROJECT CONDITIONS SHALL BE VERIFIED PRIOR TO BEGINNING CONSTRUCTION. ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE ENGINEER OWNER IMMEDIATELY.
2. GEOTECHNICAL BORING LOCATIONS ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED IN THE GEOTECHNICAL REPORT PREPARED BY INDEPENDENT TESTING TECHNOLOGIES, WAITE PARK, MINNESOTA, IN SEPTEMBER, 2019.
3. SEE SHEET L1.1 FOR TREE INVENTORY.

DEMOLITION AND CLEARING NOTES

1. OBTAIN PERMITS FOR DEMOLITION, CLEARING, AND DISPOSAL PRIOR TO BEGINNING.
2. CONTACT UTILITY SERVICE PROVIDERS FOR FIELD LOCATION OF SERVICES 72 HOURS PRIOR TO BEGINNING DEMOLITION AND CLEARING.
3. SEE SHEET C3.1 FOR EROSION PREVENTION AND SEDIMENT CONTROL MEASURES THAT MUST BE IN PLACE PRIOR TO DISTURBANCES TO SITE.
4. DIMENSIONS SHOWN FOR REMOVAL ARE APPROXIMATE. COORDINATE WITH NEW CONSTRUCTION TO ENSURE APPROPRIATE REMOVAL OF EXISTING FACILITIES.
5. REFER TO DETAILS FOR PAVEMENT SAWCUT. REMOVE CONCRETE WALKS AND CURBING TO THE NEAREST EXISTING JOINT BEYOND CONSTRUCTION LIMITS.
6. COMPLETE DEMOLITION WITH MINIMAL DISRUPTION OF TRAFFIC. COORDINATE LANE CLOSURES WITH THE REGULATORY AUTHORITY AND PROVIDE ADVANCE NOTIFICATION TO AFFECTED EMERGENCY RESPONSE PROVIDERS.

DEMOLITION AND CLEARING NOTES (CONT.)

7. PROVIDE BARRICADES, LIGHTS, SIGNS, TRAFFIC CONTROL, AND OTHER MEASURES NECESSARY FOR PROTECTION AND SAFETY OF THE PUBLIC AND MAINTAIN THROUGHOUT CONSTRUCTION.
8. PROTECT STRUCTURES, UTILITIES, TREES, PLANT MATERIAL, SOD, AND ADJACENT PROPERTY FROM DAMAGE DURING CONSTRUCTION UNLESS NOTED FOR REMOVAL. DAMAGE SHALL BE REPAIRED TO EQUAL OR BETTER CONDITION AT NO ADDITIONAL COST.
9. ABANDON WELLS AND REMOVE ON SITE SEWAGE FACILITIES PRIOR TO ANY OTHER DEMOLITION IN ACCORDANCE WITH REQUIREMENTS OF REGULATORY AUTHORITIES.
10. REFER TO TREE PRESERVATION PLAN FOR ADDITIONAL INFORMATION.
11. REMOVE EXISTING SITE FEATURES INCLUDING, BUT NOT LIMITED TO, UNDERGROUND UTILITIES, PAVING, CURBING, WALKWAYS, FENCING, RETAINING WALLS, SCREEN WALLS, APRONS, LIGHTING, RELATED FOUNDATIONS, SIGNAGE, BOLLARDS, LANDSCAPING, AND STAIRWAYS WITHIN THE CONSTRUCTION LIMITS UNLESS NOTED OTHERWISE.
12. COORDINATE REMOVAL, RELOCATION, TERMINATION, AND RE-USE OF EXISTING PRIVATE UTILITY SERVICES AND APPURTENANCES WITH THE UTILITY COMPANIES. RESTORE ELECTRIC HANDHOLES, PULLBOXES, POWERPOLES, GUYLINES, AND STRUCTURES DISTURBED BY CONSTRUCTION IN ACCORDANCE WITH UTILITY OWNER REQUIREMENTS.
13. EXISTING PIPING AND CONDUITS MAY BE ABANDONED IN-PLACE IF FILLED WITH SAND AND IF NOT IN LOCATION OF PROPOSED BUILDING OR IN CONFLICT WITH PROPOSED UTILITIES OR STRUCTURES. TERMINATE EXISTING SERVICES AT THE SUPPLY SIDE IN CONFORMANCE WITH PROVIDER'S STANDARDS.
14. HAUL DEMOLITION DEBRIS OFF-SITE TO A FACILITY APPROVED BY REGULATORY AUTHORITIES FOR THE HANDLING OF DEMOLITION DEBRIS, UNLESS NOTED OTHERWISE.

SITE SYMBOLS/LEGEND

EXISTING	DESCRIPTION	EXISTING	DESCRIPTION
	BUILDING		MANHOLE
	CONCRETE SURFACE		CATCH BASIN
	BITUMINOUS SURFACE		FLARED END SECTION
	GRAVEL SURFACE		FIRE HYDRANT
	WETLAND		WATER VALVE/CURB STOP
	CONCRETE CURB		WELL
	PEDESTRIAN RAMP		GUY WIRE
HEIGHT, TYPE X HEIGHT, TYPE O	FENCING		POWERPOLE
>>	STORM SEWER		TRANSFORMER
>	SANITARY SEWER		AIR CONDITIONER
W	WATER MAIN		UTILITY BOX (TV, TEL, ELEC)
G	UNDERGROUND GAS MAIN		HAND-HOLE
UT	UNDERGROUND TELEPHONE		TRAFFIC SIGN
OT	OVERHEAD TELEPHONE		1/2" x 14" IRON PIPE MONUMENT WITH PLASTIC CAP #48176 SET
UE	UNDERGROUND ELECTRIC		CAST IRON MONUMENT FOUND
OE	OVERHEAD ELECTRIC		IRON MONUMENT FOUND
FO	UNDERGROUND FIBER OPTIC	PE	PLAT EASEMENT
FO	UNDERGROUND CABLE TV	1	TITLE ITEM NUMBER
		[ ]	BEARING & DISTANCE PER PLAT OR DEED

LEGEND

	:TREE REMOVAL
B-X	:SOIL BORING
	:CONSTRUCTION LIMITS

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NORTH

0 50 100

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DEVELOPER

Landform Development Partnership
Address
City, MN ZIP
TEL (XXX) XXX-XXXX

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the state of MINNESOTA.

Randall C. Hall
License No. XXXXX

Signature Date

PRELIMINARY NOT FOR CONSTRUCTION

IF THE SIGNATURE, SEAL OR FOUR LINES DIRECTLY ABOVE ARE NOT VISIBLE, THIS SHEET HAS BEEN REPRODUCED BEYOND INTENDED READABILITY AND IS NO LONGER A VALID DOCUMENT. PLEASE CONTACT THE ENGINEER TO REQUEST ADDITIONAL DOCUMENTS.

PRELIMINARY PLAT
12.02.2019

LANDFORM
From Site to Finish

105 South Fifth Avenue
Suite 513
Minneapolis, MN 55401

Tel: 612-252-9070
Fax: 612-252-9077
Web: landform.net

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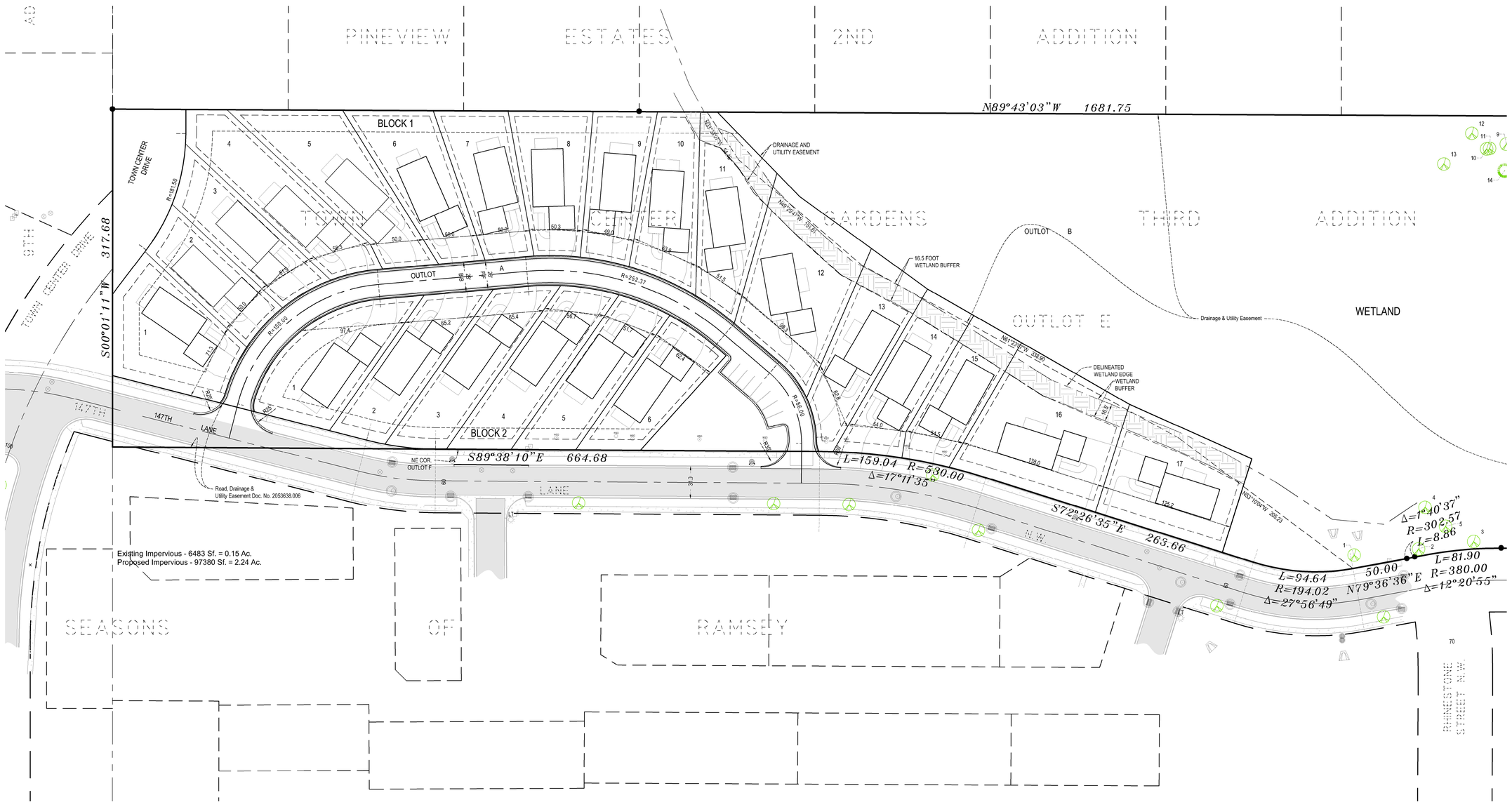
PROJECT NO. LDP19007

EXISTING CONDITIONS & DEMOLITION

C1.1

SHEET NO. 3/11

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GENERAL NOTES

1. FOR CONSTRUCTION STAKING AND SURVEYING SERVICES CONTACT LANDFORM AT 612.252.9070.

SITE PLAN NOTES

2. OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WITHIN, OR USE OF, PUBLIC RIGHT-OF-WAY.
3. THE DIGITAL FILE, WHICH CAN BE OBTAINED FROM THE ENGINEER, SHALL BE USED FOR STAKING. DISCREPANCIES BETWEEN THE DRAWINGS AND THE DIGITAL FILE SHALL BE REPORTED TO THE ENGINEER. THE BUILDING FOOTPRINT, AS SHOWN ON THESE DRAWINGS, AND THE DIGITAL FILE, SHALL BE COMPARED TO THE STRUCTURAL DRAWINGS PRIOR TO STAKING.
4. BUILDING LAYOUT ANGLES ARE PARALLEL WITH OR PERPENDICULAR TO THE PROPERTY LINE AT THE LOCATION INDICATED.
5. DIMENSIONS SHOWN ARE TO BACK OF CURB AND EXTERIOR FACE OF BUILDING UNLESS NOTED OTHERWISE.
6. DELINEATE PARKING STALLS WITH A 4-INCH WIDE WHITE PAINTED STRIPE. DELINEATE ACCESS AISLES WITH 4-INCH WIDE WHITE PAINTED STRIPES 18 INCHES ON CENTER AND AT 45 DEGREE ANGLE TO DIRECTION OF TRAVEL.

IMPERVIOUS AREA SUMMARY

EXISTING:

PERVIOUS	550,265	S.F.	12.63	AC.	0.99%
IMPERVIOUS	6,483	S.F.	0.15	AC.	0.01%
TOTAL	556,748	S.F.	12.78	AC.	100.0%

PROPOSED:

PERVIOUS	457,545	S.F.	10.50	AC.	82.2%
IMPERVIOUS	99,203	S.F.	2.28	AC.	17.7%
TOTAL	556,748	S.F	12.78	AC.	100.0%

NOTE: LOT 2, BLOCK 1 BUILDING IMPERVIOUS COVERAGE = 2148 S.F. - 33%.

ZONING AND SETBACK SUMMARY

THE PROPERTY IS ZONED R-2: MEDIUM DENSITY RESIDENTIAL

BUILDING SETBACK INFORMATION IS AS FOLLOWS:
FRONT YARD - 25 FT. FROM PRIVATE STREETS (MEASURED FROM BACK OF CURB)
REAR - 20 FT.
SIDE (INTERIOR) - 5 FT.
SIDE (STREET) - 25 FT.

LOT COVERAGE INFORMATION IS AS FOLLOWS:
REQUIRED LOT AREA = 15 AC.
MINIMUM LOT WIDTH = 50 FT.
MAXIMUM LOT COVERAGE = 35%

PARKING SETBACK INFORMATION IS AS FOLLOWS:
FROM EXTERIOR DEVELOPMENT BOUNDARY LINES = 30 FT.
SETBACK FROM STRUCTURE - 15 FT.

AREA SUMMARY

TOTAL SITE AREA: 556,748 S.F. = 12.78 AC.

WETLAND AREA: 293,890 S.F. = 6.75 AC.

RIGHT OF WAY AREA: 17,567 S.F. = 0.40 AC.

NET AREA: 245,291 S.F. = 5.63 AC.

TOTAL SINGLE FAMILY LOTS = 23

NET DENSITY = 4.1 U/A

LOT AREA TABLE

Lot Area Table		
Parcel #	Lot/Block	Area (Ac.)
1	1/1	0.25
2	2/1	0.15
3	3/1	0.19
4	4/1	0.24
5	5/1	0.26
6	6/1	0.21
7	7/1	0.19
8	8/1	0.19
9	9/1	0.17
10	10/1	0.19
11	11/1	0.23
12	12/1	0.32
13	13/1	0.21
14	14/1	0.19

Lot Area Table		
Parcel #	Lot/Block	Area (Ac.)
15	15/1	0.17
16	16/1	0.36
17	17/1	0.29
18	1/2	0.24
19	2/2	0.19
20	3/2	0.21
21	4/2	0.21
22	5/2	0.19
23	6/2	0.18
24	Outlot A	0.59
25	Outlot B	6.75
26	R/W 147th	0.21
27	R/W new	0.19

PARKING SUMMARY

REQUIRED PARKING:

TOWNHOME - 2 OFF-STREET STALLS, 1 OF WHICH MUST BE ENCLOSED

TOTAL PARKING STALLS REQUIRED	46 EA.

PROVIDED PARKING:

ENCLOSED STALLS (GARAGE) (MIN. 9x18)	46 EA.
OUTDOOR STALLS (DRIVEWAY) (MIN. 9x20)	46 EA.
ADDITIONAL STALLS (9x18)	8 EA.
TOTAL PARKING STALLS PROVIDED	100 EA.

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NORTH

0 50 100

DEVELOPER

DC RAMSEY, LLC
105 S. 5TH AVE. STE 513
Minneapolis, MN 55401

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	RF/VIEW
02 DEC 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the state of MINNESOTA.

Randall C. Hedquist License No. 12

Signature is a digital image of the original, wet-stamped seal on file at Landform Professional Services, LLC office and is valid only if this sheet is unaltered.

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PRELIMINARY PLAT
12.02.2019

LANDFORM
From Site to Finish

105 South Fifth Avenue Tel: 612-252-9070
Suite 513 Fax: 612-252-9077
Minneapolis, MN 55401 Web: landform.net

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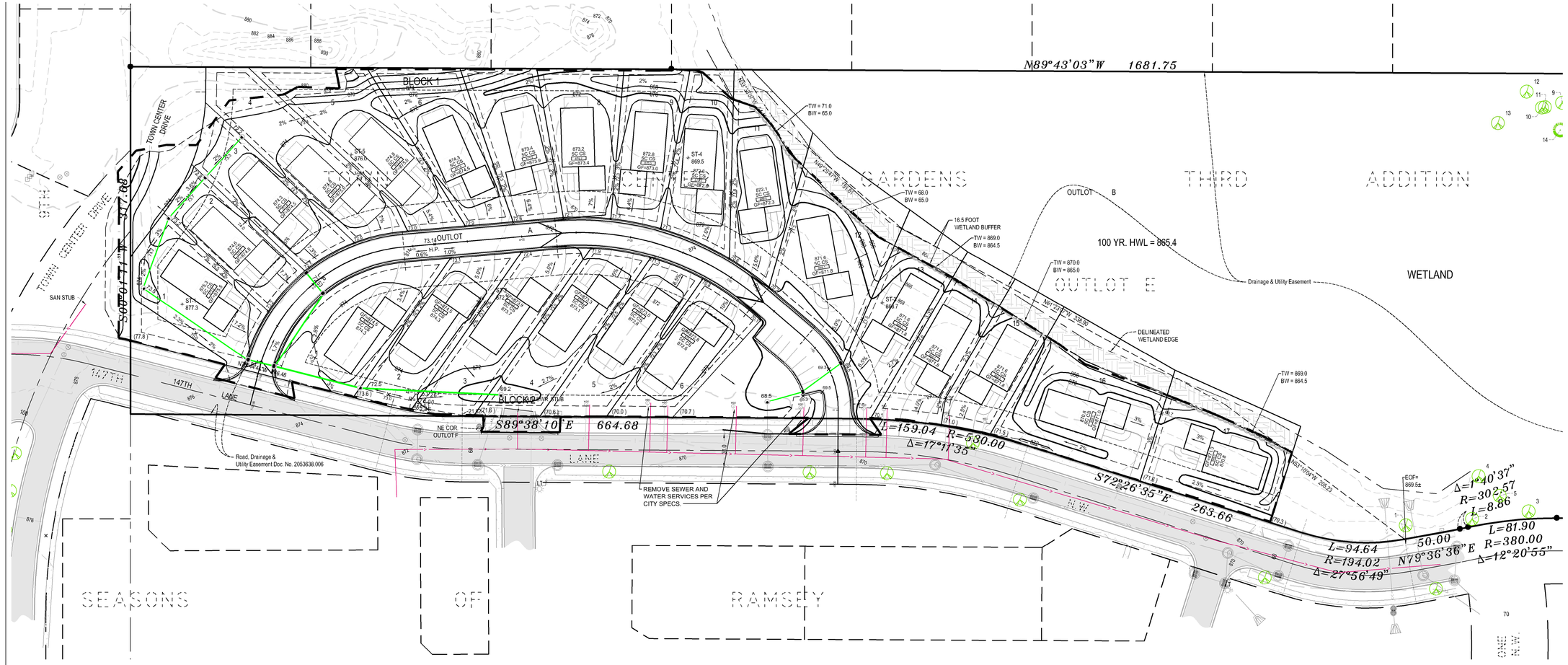
PROJECT NO. LDP19007

SITE PLAN

C2.1

SHEET NO. 4/11

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GENERAL NOTES

1. For construction staking and surveying services contact Landform at 612.252.9070.

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

2. Install perimeter sediment controls prior to beginning work and maintain for duration of construction. Remove controls after areas contributing runoff are permanently stabilized and dispose of off site.
3. Limit soil disturbance to the grading limits shown. Schedule operations to minimize length of exposure of disturbed areas.
4. Management practices shown are the minimum requirement. Install and maintain additional controls as work proceeds to prevent erosion and control sediment carried by wind or water.
5. Refer to SWPPP Notes on Sheet C3.2 for additional requirements.
6. All exposed soil areas must be stabilized within 14 days of completion of work in each area.
7. Seed, Sod, Mulch and Fertilizer shall meet the following Specifications, as modified.

Item	Specification Number	Estimated Quantities
Sod	MNDOT 3878	
Seed	MNDOT 3876	
MN Type 21-111 @ 100 lb./ac. - Temporary Erosion Control - Temporary Erosion Control, May 1 - Jul 31		
MN Type 21-112 @ 100 lb./ac. - Temporary Erosion Control - Temporary Erosion Control, Aug 1 - Oct 31		
MN Type 25-151 @ 120 lb./ac. - Permanent Turf		
Mulch (MNDOT Type 1 @ 2 ton/ac., Disc Anchored)	MNDOT 3882	
Fertilizer	MNDOT 3881	
General Placement	MNDOT 2575	

8. See Landscape Sheets for permanent turf and landscape establishment.
9. Scrape adjacent streets clean daily and sweep clean weekly.

WET CAST/DRY CAST RETAINING WALL NOTES

31. Wet Cast / Dry Cast Concrete Segmental Retaining Wall. Color to be determined by Owner or Architect.
32. Provide structural design of retaining walls, following Landform / MNDOT Retaining Wall specifications for minimum design and performance. Provide construction of walls in accordance with approved design. Contact Landform for the Specification.
33. Confirm architectural requirements for wall units with owner.
34. Submit design to City for approval prior to Building Permit issuance.
35. Provide coordination and assurance that related work constructed within the reinforced earth zone; including fences, underground utilities, guard rails, etc.; is in accordance with approved design and does no damage to reinforcing elements of the retaining wall.

GRADING NOTES

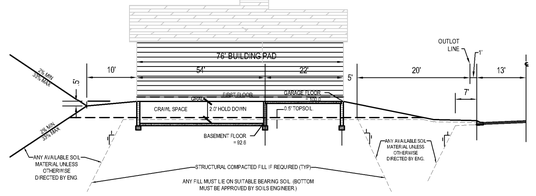
12. Contact utility service providers for field location of services 72 hours prior to beginning grading.
13. Refer to the Geotechnical Report prepared by Independent Testing Technologies, Inc., Dated September 24, 2019, for additional information on backfill material and groundwater conditions.
14. Remove topsoil from grading areas and stockpile sufficient quantity for reuse. Materials may be mined from landscape areas for use on site and replaced with excess organic material with prior Owner approval.
15. Remove surface and ground water from excavations. Provide initial lifts of stable foundation material if exposed soils are wet and unstable.
16. An Independent Testing Firm shall verify the removal of organic and unsuitable soils, soil correction, and compaction and provide periodic reports to the Owner.
17. Place and compact fill using lift thicknesses matched to soil type and compaction equipment to obtain specified compaction throughout the lift.
18. Compact cohesive soils in paved areas to 95% of maximum dry density, Standard Proctor (ASTM D698) except the top 3 feet which shall be compacted to 100%. Compact to 98% density where fill depth exceeds 10 feet. The soils shall be within 3% of optimum moisture content. In granular soils all portions of the embankment shall be compacted to not less than 95% of Modified Proctor Density (ASTM D1557).

LEGEND

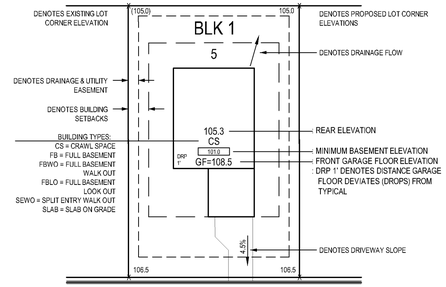
SYMBOL	DESCRIPTION	ESTIMATED QUANTITY
	:Inlet Protection	3 ea.
	:Silt Fence	2,500 ft.
	:Vehicle Tracking Pad	1 ea.
	:Tip Out Curb	
	:Pavement Sawcut	
	:Construction Limits	
T/W XXX.XX B/W XXX.XX	:Top of Wall :Bottom of Wall	

LOT BY LOT TABULATION

Lot	Block	House Type	Garage Floor Ele	Driveway Grade (%)	Lowest Floor Ele	Lowest Opening Ele (living space)	100 Year Flood Ele	Emergency Overflow Ele	Highest Anticipated Water Table or Mottled Soil
1	1	5C CS	875.5	7.2	872.8	876.0	865.4	869.5±	862.0
2	1	5C CS	874.8	7.7	872.1	875.3	865.4	869.5±	862.0
3	1	5C CS	874.5	7.3	871.8	875.0	865.4	869.5±	862.0
4	1	5C CS	875.0	7.0	872.3	875.5	865.4	869.5±	862.0
5	1	5C CS	875.0	5.4	872.3	875.5	865.4	869.5±	862.0
6	1	5C CS	874.5	6.0	871.8	875.0	865.4	869.5±	862.0
7	1	5C CS	873.9	6.4	871.2	874.4	865.4	869.5±	862.0
8	1	5C CS	873.4	7.0	870.7	873.9	865.4	869.5±	862.0
9	1	5C CS	873.0	6.4	870.3	873.5	865.4	869.5±	862.0
10	1	5C CS	872.8	7.0	870.1	873.3	865.4	869.5±	862.0
11	1	5C CS	872.3	5.0	869.6	872.8	865.4	869.5±	862.0
12	1	5C CS	871.6	5.0	869.1	872.1	865.4	869.5±	862.0
13	1	5C CS	871.8	6.5	869.1	872.3	865.4	869.5±	862.0
14	1	5C CS	871.8	4.0	869.1	872.3	865.4	869.5±	862.0
15	1	5C CS	871.8	2.5	869.1	872.3	865.4	869.5±	862.0
16	1	5C CS	871.0	3.0	868.3	871.5	865.4	869.5±	862.0
17	1	5C CS	871.0	3.0	868.3	871.5	865.4	869.5±	862.0
1	2	5C CS	874.5	3.4	871.8	875.0	865.4	869.5±	862.0
2	2	5C CS	874.5	5.0	871.8	875.0	865.4	869.5±	862.0
3	2	5C CS	873.9	5.0	871.2	874.4	865.4	869.5±	862.0
4	2	5C CS	873.3	6.0	870.6	873.8	865.4	869.5±	862.0
5	2	5C CS	873.0	8.5	870.3	873.5	865.4	869.5±	862.0
6	2	5C CS	872.8	10.0	870.1	873.3	865.4	869.5±	862.0



2 **FIVE COURSE CRAWL SPACE (5C CS)** NO SCALE



NOTES:
1. GARAGE LOCATION INDICATED BY DRIVEWAY.

1 **TYPICAL LOT DETAIL** NO SCALE

Know what's Below. Call before you dig.

NORTH

0 50 100

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DEVELOPER

Landform Development Partnership
Address
City, MN ZIP
TEL (XXX) XXX-XXXX

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the state of MINNESOTA.

Randall C. Hoff
License No. XXXXX
Signature Date
Printed copy of this plan on file at the Landform office and is available upon request.

PRELIMINARY NOT FOR CONSTRUCTION

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PRELIMINARY PLAT
12.02.2019

LANDFORM
From Site to Finish

105 South Fifth Avenue
Suite 513
Minneapolis, MN 55401

Tel: 612-252-9070
Fax: 612-252-9077
Web: landform.net

FILE NAME	C301LDP007.dwg
PROJECT NO.	LDP19007

GRADING, DRAINAGE, PAVING AND EROSION CONTROL

C3.1

SHEET NO. 4/11

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NPDES PERMIT AND SWPPP COMPONENTS

1. *The current Minnesota Construction Stormwater General Permit dated Month Day, 2019 is referenced in this document as the Permit.*

   The SWPPP includes the following components:
   - Construction Documents prepared by Landform
   - Stormwater Management Plan / Narrative / Report prepared by Landform
   - Maintenance Plan for permanent stormwater BMPs
   - Geotechnical Report prepared by Independent Testing Technologies, Inc.

   All components must be kept onsite by the Operator. The Operator shall contact Civil Engineer if they do not have all of the above documents.

SITE INFORMATION

Site location: Latitude: 45.238914, Longitude: -93.459300

Disturbed area = 5.3 ac.
Pre-construction impervious area within disturbed area = 0.0 ac.
Post-construction impervious area within disturbed area = 2.3 ac.
Net change in impervious area within disturbed area = 2.3 ac.

Type of stormwater management:
- Infiltration
- Filtration
- Wet sedimentation
- Dry sedimentation
- Reuse

Erosion prevention and sediment control quantities are on sheets C3.1 and 3.2.

SITE EVALUATION / ASSESSMENT / PLANNING

1. The Operator shall have primary responsibility and significant authority for the development, implementation, maintenance, inspection and amendments to the approved SWPPP. Duties include but are not limited to:
   - Ensuring full compliance with the SWPPP and the Permit
   - Implementing all elements of the SWPPP, including but not limited to:
     - Implementing prompt and effective erosion and sediment control measures
     - Implementing all non-storm water management, and good housekeeping BMPs ensuring that no materials other than Storm water are discharged in quantities, which will have an adverse effect on receiving waters or storm drain systems, etc.
   - Conducting routine inspections and maintenance
   - Ensuring elimination of all unauthorized discharges
   - Coordinating to ensure all of the necessary corrections / repairs are made immediately, and that the project complies with the SWPPP, the Permit, and approved plans at all times.

STORMWATER POLLUTION PREVENTION MANAGEMENT MEASURES

1. *Operator must develop pollution prevention management measures, implement good housekeeping BMPs, must follow all applicable federal, state, and local building codes, Occupational Safety and Health Act (OSHA), and the general conditions and general requirements of the construction contract.*
2. The Operator shall minimize the exposure to stormwater of any of the products, material, or wastes stored on site that may wash downstream or contaminate stormwater.
3. Building products that have the potential to leach pollutants must be under cover.
4. Chemicals and landscape materials shall be under cover to prevent the discharge of pollutants.
5. Operator to track progress of the following items on site maps: portable toilets, material storage areas, vehicle and equipment fueling and maintenance areas, concrete washouts, paint and stucco washouts, dumpsters or other trash and debris containers, spill kits, stockpiles, any other non-structural non-storm water management BMPs, any temporarily removed structural BMPs, any changes to the structural BMPs.
6. Solid waste: collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with MPCA disposal requirements.
7. Hazardous waste: oil, gasoline, paint and any hazardous substances must be properly stored in sealed containers to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste or materials must be in compliance with Minn. R. Ch. 7045 including secondary containment as applicable.
8. Portable toilets must be positioned so that they are secure and will not be tipped or knocked over.
9. Concrete and other washout waste: operator must provide effective containment for all liquid and solid wastes generated by washout operations. The liquid and solid wastes must not contact the ground, and the containment must be designed so that it does not result in runoff from the washout operations or areas. Liquid and solid wastes must be disposed of properly and in compliance with MPCA rules. A sign must be installed adjacent to each washout facility that requires site personnel to utilize the proper facilities for disposal of concrete and other washout wastes.
10. External vehicle washing: external washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on site.
11. Operator shall take reasonable steps to prevent the discharge of spilled or leaked chemicals, including fuel, from any area where they will be loaded or unloaded as detailed in the Permit.

SWPPP CONTACT AND TRAINING INFORMATION

1. Owner:
   Landform Development Partners, LLC
   attn: Darren Lazan
   Street Address
   City, State Zip
   Phone#
   Email Address
2. SWPPP Designer:
   Randy Hedlund, P.E.
   Landform Professional Services
   105 South Fifth Avenue, Suite 513 / 580 Dodge Avenue NW
   Minneapolis, Mn 55401 / Elk River, MN 55330
   612-252-9070
   rhedlund@landform.net
   Certification: U Of MN, Design Of Construction SWPPP, Exp. May 31, 2022 (verify date)
3. SWPPP Inspector / Manager:
   To Be Determined. Contact Owner until Contractor And SWPPP Inspector / Manager is selected.
   Certification: , Exp.
4. BMP Installation And Repair:
   To Be Determined. Contact Owner until BMP Installer And Maintainer is selected.
   Certification: , Exp.

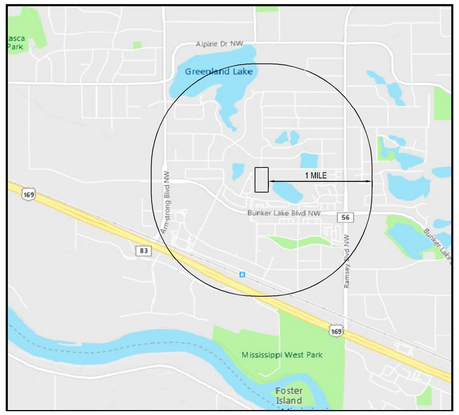
DESCRIPTION OF CONSTRUCTION ACTIVITY

1. Construction activity includes erosion and sediment control BMPs installation, clearing and grubbing, site grading, utility installation, building construction, paving, and landscaping.

SCHEDULE OF BMP INSTALLATION AND CONSTRUCTION ACTIVITY

1. Install perimeter sediment control BMPs prior to start of other site work. Refer to Grading, Drainage, Paving and Erosion Control sheet(s) for initial locations of BMPs.
2. Protect infiltration areas with construction fencing. Install fencing prior to site grading or within 24-hours of excavating an infiltration basin.
3. Construct temporary / permanent sedimentation basins prior to upland disturbance. Install perimeter sediment control BMPs around normal water levels within 48-hours of completion of basin grading.
4. Stabilize outlets from temporary / permanent sedimentation basins within 24-hours of outlet construction.
5. Perform work in phases to minimize disturbed area at any one time. Operator to develop phasing plan prior to start of work.
6. Strip topsoil from areas to be disturbed and stockpile with perimeter sediment control BMPs. Provide stabilization if stockpile is left longer than 14 days.
7. Rough grade site.
8. Install utilities.
9. Install small utilities (gas, electric, communications).
10. Final grade pavement areas and compact subgrade.
11. Lay down pavement aggregate and compact.
12. Install curb and gutter. Backfill after a minimum of three days and provide a minimum of two rolls of sod at the back of curb.
13. Construct building / addition and site features.
14. Construct site walks and patios.
15. Provide final stabilization.
16. Connect infiltration / filtration practices to storm sewer inlets.
17. Remove temporary BMPs and dispose of properly.

WATERS WITHIN ONE MILE OF SITE



STORMWATER POLLUTION MITIGATION MEASURES

1. Required stormwater mitigation measures to meet the final environmental review document are:
   - Regional Ponds
   - Infiltration credits purchased from the city

MN SPECIAL (PROHIBITED, RESTRICTED, OTHER) & IMPAIRED WATERS

1. There are no impaired waters within 1 mile of the Project site.
2. Project Site is within the Lower Rum River Watershed Management Organization District.

EROSION PREVENTION AND SEDIMENT CONTROL

1. See Grading, Drainage, Paving and Erosion Control sheets for the location and type of temporary erosion prevention and sediment control BMPs. See Grading and Drainage, Utility, and Landscape sheets for the location and type of permanent erosion prevention and sediment control BMPs.
2. Minimize Disturbed Areas and Protect Natural Features and Soil

   Appropriate construction practices (e.g. construction phasing, vegetative buffer strips, horizontal slope grading) shall be used to minimize erosion.

   Areas not to be disturbed (buffers, infiltration basins, etc.) shall be protected with construction or silt fence before work begins.

   Operator shall develop methods to minimize soil compaction outside of building pads, pavement areas and utility trenches and shall use tracked equipment wherever practicable.

   Topsoil shall be salvaged and reused to the extent practicable.
3. Phase Construction Activity

   Operator must not disturb more land than can be effectively inspected and maintained.

   Sediment control practices shall be established on all down gradient perimeters before any upgradient land disturbing activities begin. These practices shall remain in place until final stabilization has been established in accordance with the Permit.

   The timing of the installation of sediment control practices may be adjusted to accommodate short-term activities such as clearing or grubbing, or passage of vehicles. Any short-term activity must be completed as quickly as possible and the sediment control practices shall be installed immediately after the activity is completed. However, sediment control practices shall be installed before the next precipitation event even if the activity is not complete.
4. Control Stormwater Flowing onto and Through the Project

   The normal wetted perimeter of any temporary or permanent drainage ditch or swale that drains water from any portion of the construction site, or diverts water around the site, shall be stabilized within 200 lineal feet from the property edge, or from the point of discharge into any surface water.

   Stabilization of the last 200 lineal feet shall be completed within 24 hours after connecting to a surface water.

   Stabilization of the remaining portions of any temporary or permanent ditches or swales shall be complete within 14 days after connecting to a surface water and construction in that portion of the ditch has temporarily or permanently ceased.

   Temporary or permanent ditches or swales that are being used as a sediment containment system (with properly designed rock ditch checks, bio rolls, silt dikes etc.) do not need to be stabilized. These areas shall be stabilized within 24 hours after no longer being used as a sediment containment system.
5. Stabilize Soils

   All exposed soil areas, including stockpiles, must be stabilized.

   Stabilization must be started immediately to limit soil erosion when the construction activity in that portion of the site has temporarily or permanently ceased and will not resume for 14 calendar days. Stabilization must be complete within 14 days of cessation of construction activity.

   Temporary soil stockpiles shall have silt fence or other effective sediment controls, and cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems, or conduits and ditches unless there is a bypass in place for the storm water.

   Temporary stockpiles without significant silt, clay or organic components (e.g. clean aggregate stockpiles, demolition concrete stockpiles, sand stockpiles) and the constructed base components of roads, parking lots and similar surfaces, are exempt from this requirement.
6. Protect Slopes

   Operator shall avoid work on slopes with a grade of 3:1 or greater when practicable. Grading on slopes with a grade of 3:1 or steeper will require techniques such as phasing and stabilization practices designed for steep slopes(e.g. slope draining and terracing).
7. Protect Storm Drain Inlets

   All storm drain inlets shall be protected by appropriate BMPs during construction until all sources with potential for discharging to the inlet have been stabilized. Inlet protection may be temporarily removed if a specific safety concern has been identified.
8. Provide Energy Dissipation at all Pipe Outlets within 24 Hours

   After connection to a surface water or permanent stormwater treatment system.
9. Establish Perimeter Controls and Sediment Barriers

   Prior to disturbing soils on a project site, establish sediment control BMPs on all down-gradient perimeters and where site discharges to public waters.
10. Retain Sediment On-site and Control Dewatering Practices

    Discharge shall not cause nuisance conditions, erosion in receiving channels, adversely affect receiving water or impact wetlands, or downstream properties. Discharge points shall be adequately protected from erosion and scour by accepted energy dissipation measures.

    Discharge water containing oil or grease shall be treated to remove oil or grease prior to discharge to surface waters.

    Refer to Permit requirements for temporary or permanent sediment basins.
11. Establish Stabilized Construction Exits

    Vehicle tracking pads shall be established as shown on the Grading, Drainage, Paving and Erosion Control sheet to minimize tracking of sediment from the construction site onto adjacent streets.
12. Infiltration Basin Protection

    Operator must not excavate infiltration systems to final grade or within three (3) feet of final grade until the contributing drainage area has been constructed and fully stabilized unless rigorous erosion prevention and sediment controls have been installed.

    When excavating an infiltration system to within three (3) feet of final grade, operator shall mark off and protect the area from heavy construction equipment to prevent compaction of soils.
13. Dewatering and Basin Draining

    Permittees must discharge turbid or sediment-laden waters related to dewatering or basin draining to a temporary or permanent sediment basin. Discharges must not cause erosion or scour near the discharge points.
14. Remove Sediment from Surface Waters

    All sediment deposits and deltas must be removed from surface waters, including drainage ways, catch basins, and other drainage systems, and the removal areas restabilized within seven (7) days.

TEMPORARY SEDIMENTATION BASIN(S)

1. This project does not have more than ten disturbed acres draining to a common location and The site DOES NOT drain to an impaired or special water, therefore a temporary sediment basin is not required.
2. Temporary sediment basins shall provide treatment to runoff before it leaves the construction site or enters surface waters. The contractor shall comply with the following requirements:
   A. Sedimentation basins must provide live storage of runoff resulting from the 2-year 24-hour rainfall event from each acre drained to the basin, with a minimum of 1,800 c.f./acre live storage volume. (Where no calculation has been performed, each basin shall provide at least 3,600 c.f./acre live storage.) Sedimentation basins must include a stabilized emergency overflow to prevent basin integrity failure.
   B. Discharge from temporary sedimentation basins will be withdrawn from the surface in order to minimize the discharge of pollutants.
3. Discharge from basin draining shall not adversely affect the receiving water or downstream properties. Contractor will visually check to ensure adequate treatment has been obtained and that nuisance conditions will not result from the discharge.
4. Any discharge observed to be occurring during the inspection shall be recorded, described, and photographed.
5. If any proposed temporary BMPs are not working as intended refer to the "Stormwater Compliance Assistance Toolkit for Small Construction Operators", MPCA, 2017 for additional information. Operator shall contact the SWPPP Designer for additional requirements and information.

POST CONSTRUCTION / PERMANENT BMPS

1. See Grading and Drainage, Utility, and Landscape sheets for post construction and permanent stormwater BMPs.

INSPECTIONS AND MAINTENANCE

1. Permittees must ensure that a trained person will inspect the entire construction site at least once every seven days during active construction and within 24 hours after a rainfall event greater than 0.5-inches in 24 hours.
2. Inspections shall include stabilized areas, erosion prevention and sediment control BMPs, and infiltration areas.
3. Permittees must record all inspection and maintenance activities within 24 hours of being conducted as detailed in the Permit.
4. Inspection Records content shall include:
   A. Date and time of inspections;
   B. Name of persons conduction inspections;
   C. Findings of inspections, including specific locations where corrective actions are needed;
   D. Corrective actions taken including dates, times, and the party taking the corrective action;
   E. Dates of all rainfall events greater than 1/2 inch in 24 hours (refer to Permit for measurement requirements);
   F. Any discovered discharge must be recorded, including photographs, descriptions of discharge (color, odor, settled or suspended solids, oil sheen, or other obvious indicators of pollution), and specific location of discharge location;
   G. Any amendments to the Permit as a result of inspections must be documented within seven calendar days as described in the Permit
5. BMP Maintenance:
   A. Nonfunctional BMPs must be repaired or replaced by the end of the next business day after discovery unless a different time frame is indicated.
   B. Follow the designer's or manufacturer's recommended maintenance procedures for all BMPs.
   C. Remove sediment from BMPs when the depth of sediment has reached 1/2 the height of the BMP and properly dispose of sediment into controlled areas to prevent soil from returning to the BMP during subsequent rain events.
   D. Remove sediment from paved roadways within one calendar day of discovery.
   E. Remove sediment from around BMPs protecting storm drain inlets.
   F. Surface waters with evidence of sediment deposition must be stabilized and sediment removed within seven calendar days of discovery, or as stated by the Permit.
   G. Ensure that construction support activities, including borrow areas, waste areas, contractor work areas, and material storage areas and dedicated concrete and asphalt batch plants are cleaned and maintained.
   H. Replace damaged BMPs that no longer operate effectively.

   Add BMPs as needed during construction to minimize erosion and prevent sediment from leaving the site.

RECORD KEEPING / RECORD RETENTION

1. The SWPPP (original or copies), including all changes to it, and inspections and maintenance records, shall be kept at the site during construction by the Owner / Operator who has operational control of that portion of the site. The SWPPP can be kept in either the field office or in an on site vehicle during normal working hours.
2. All Owners(s) must keep the SWPPP, along with the following additional records, on file for three (3) years after submittal of the Notice of Termination (NOT). This does not include any records after submittal of the NOT.
3. The following is a list of records that shall be kept at the project site available for inspectors to review:
   - Copy of the SWPPP, with any modifications;
   - Inspection and maintenance records;
   - Permanent operation and maintenance agreements;
   - Calculations for the design of temporary and permanent stormwater management systems;
   - Any other permits required for the project;
   - Records of all inspection and maintenance conducted during construction; and
   - All permanent operation and maintenance agreements that have been implemented, including all right-of-way, contracts, covenants and other binding requirements regarding perpetual maintenance

LOG OF CHANGES TO THE SWPPP / AMENDMENTS

1. *The Owner / Operator(s) must amend the SWPPP as necessary to include additional requirements, such as additional or modified BMPs, designed to correct problems identified or address situations as detailed in the Permit.*

FINAL STABILIZATION

1. *The Owner / Operator(s) must ensure final stabilization of the site. Final stabilization includes:*
   A. Ensuring all areas have permanent cover.
   B. Vegetative areas must have perennial cover with a density of 70% of expected final growth.

TERMINATION OF COVERAGE

1. *Owner / Operator(s) wishing to terminate coverage under the Permit must submit a Notice of Termination (NOT) to the MPCA. Compliance with the Permit is required until a NOT is submitted. Refer to the Permit for details. Conditions for submitting a NOT include:*
   A. Site must have achieved final stabilization (refer to section above).
   B. The permanent stormwater treatment and conveyance systems must be clean and all accumulated sediment removed.
   C. All temporary synthetic erosion prevention and sediment control BMPs must be removed from the site and disposed of properly.
   D. Single Family Residential - Permit termination on individual lots occurs once building construction is complete, temporary erosion prevention and downgradient perimeter control is complete, the residence sells to the homeowner, and the permittee distributes the MPCA's "Homeowner Fact Sheet" to the homeowner.

DEVELOPER

Landform Development Partnership
Address
City, MN ZIP
TEL (XXX) XXX-XXXX

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the state of MINNESOTA.

Randall C. Hedlund
License No. XXXXX
Signature Printed or stamped name Date
A complete and signed copy of this plan on file at the Landform office in Plymouth and is available upon request.

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PRELIMINARY PLAT
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From Site to Finish

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FILE NAME C302LDP007.dwg

PROJECT NO. LDP19007

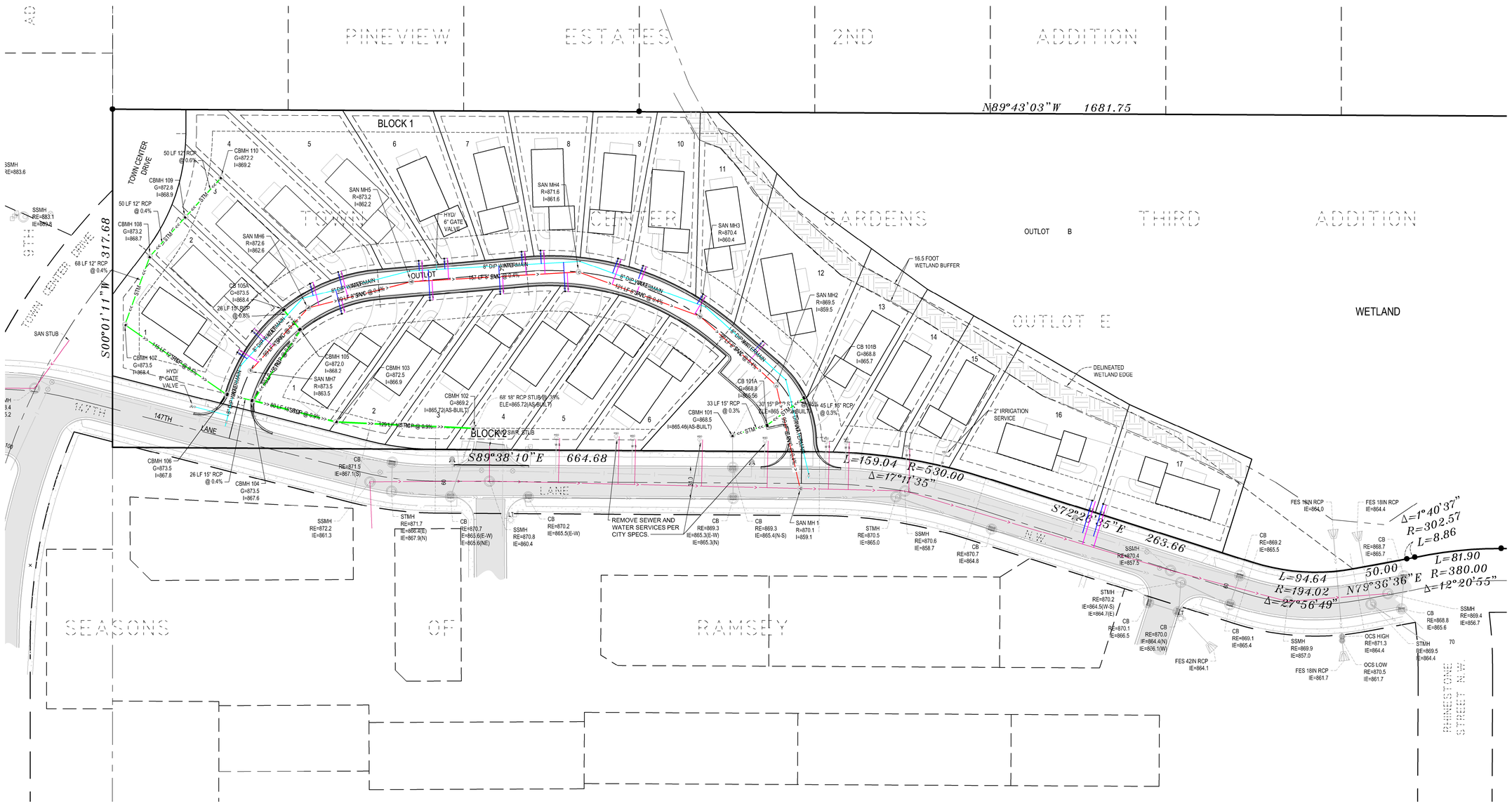
MN SWPPP NOTES

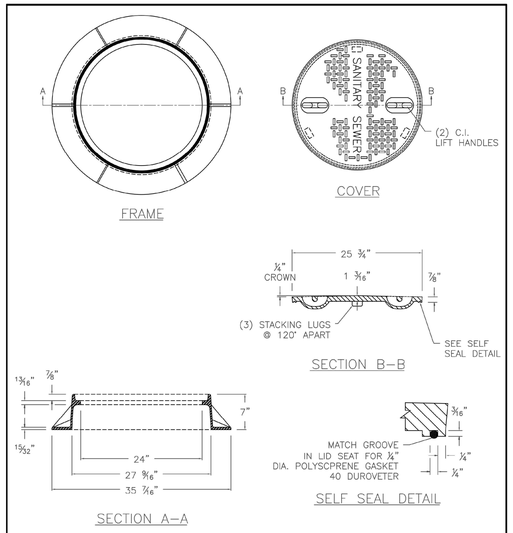
C3.2

SHEET NO. 6/11

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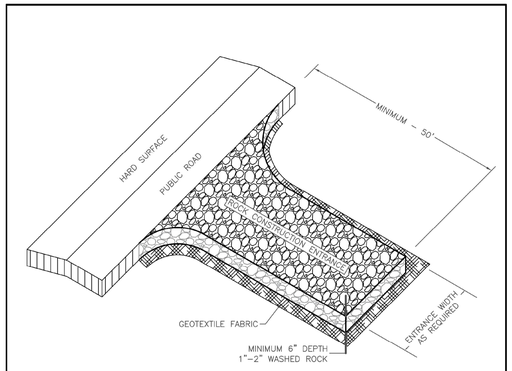

PINEVIEW ESTATES 2ND ADDITION
TOWN CENTER GARDENS THIRD ADDITION
SEASONS OF RAMSEY
BLOCK 1
BLOCK 2
OUTLOT B
OUTLOT E
OUTLOT
WETLAND
16.5 FOOT WETLAND BUFFER
DELINEATED WETLAND EDGE
TOWN CENTER DRIVE
147TH LANE
S00°01'11"W 317.68
N89°43'03"W 1681.75
S89°38'10"E 664.68
L=159.04 R=530.00 Δ=17°11'35"
S72°26'35"E 263.66
L=94.64 R=194.02 Δ=27°56'49"
N79°36'36"E 50.00
L=81.90 R=380.00 Δ=12°20'55"
Δ=1°40'37" R=302.57 L=8.86
CBMH 110 G=872.2 I=869.2
CBMH 109 G=872.8 I=868.9
CBMH 108 G=873.2 I=868.7
CBMH 107 G=873.5 I=868.4
CBMH 106 G=873.5 I=867.8
CBMH 105 G=872.0 I=868.2
CBMH 104 G=873.5 I=867.6
CBMH 103 G=872.5 I=866.9
CBMH 102 G=869.2 I=865.72(AS-BUILT)
CBMH 101 G=868.5 I=865.46(AS-BUILT)
SAN MH1 R=870.1 I=859.1
SAN MH2 R=869.5 I=859.5
SAN MH3 R=870.4 I=860.4
SAN MH4 R=871.6 I=861.6
SAN MH5 R=873.2 I=862.2
SAN MH6 R=872.6 I=862.6
SAN MH7 R=873.5 I=863.5
CB 101A G=868.8 I=865.56
CB 101B G=868.8 I=865.7
CB 105A G=873.5 I=868.4
SSMH RE=883.6
SSMH RE=883.1 IE=869.8
SAN STUB
HYD/ 6" GATE VALVE
50 LF 12" RCP @ 0.6%
68 LF 12" RCP @ 0.4%
26 LF 15" RCP @ 0.5%
33 LF 15" RCP @ 0.3%
30 LF 15" RCP @ 0.3%
45 LF 15" RCP @ 0.3%
68' 18" RCP STUB @ 1.5% ELE=865.72(AS-BUILT)
151 LF 8" SDR-35 @ 0.4%
167 LF 8" SDR-35 @ 0.4%
191 LF 8" SDR-35 @ 0.4%
8" DIP WATERMAIN
8" SDR-35 @ 0.4%
8" SDR-35 @ 0.5%
8" SDR-35 @ 0.6%
8" SDR-35 @ 0.8%
8" SDR-35 @ 0.9%
8" SDR-35 @ 1.0%
8" SDR-35 @ 1.5%
8" SDR-35 @ 2.0%
8" SDR-35 @ 2.5%
8" SDR-35 @ 3.0%
8" SDR-35 @ 3.5%
8" SDR-35 @ 4.0%
8" SDR-35 @ 4.5%
8" SDR-35 @ 5.0%
8" SDR-35 @ 5.5%
8" SDR-35 @



APPROVED: 11 – 2015	City of RAMSEY	STANDARD DETAILS: WATER TIGHT CASTING
		CITY PLATE No. SEW–2

5 **WATER TIGHT CASTING**

NO SCALE



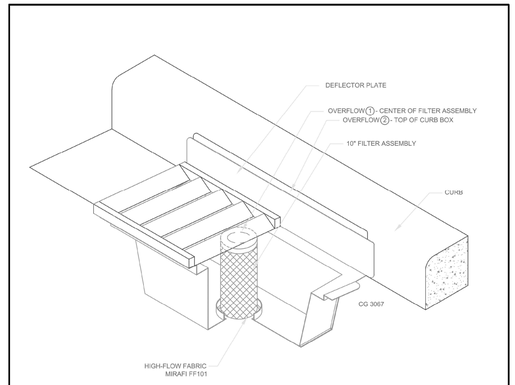
NOTE:
1. MINIMUM CONSTRUCTION ENTRANCE WIDTH EQUAL TO PROPOSED ROADWAY WIDTH.
2. WIDTH OF RADIUS AS REQUIRED TO ENSURE VEHICLES DO NOT TRACK ONTO PUBLIC ROAD.
3. MAINTAINENCE AS REQUIRED TO PREVENT TRACKING ONTO PUBLIC ROADS. THIS MAY REQUIRE TOP DRESSING WITH ADDITIONAL ROCK OR REMOVAL AND REINSTALLATION OF THE ENTRANCE AS NEEDED.

NOT TO SCALE

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: ROCK CONSTRUCTION ENTRANCE
		CITY PLATE No. ERO–5

3 **ROCK CONSTRUCTION ENTRANCE**

NO SCALE



INLET PROTECTION – WIMCO OR EQUAL

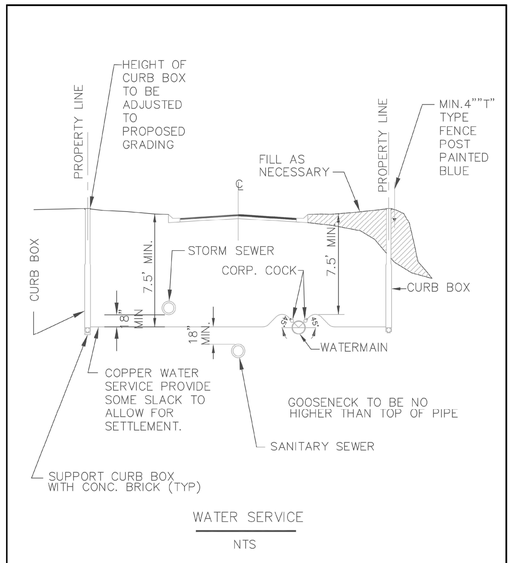
N.T.S.

NOTE:
THIS INLET PROTECTION SHALL BE USED IMMEDIATELY FOLLOWING CURB & GUTTER CONSTRUCTION. INLET PROTECTION SHALL REMAIN INSTALLED AND MAINTAINTED UNTIL ALL HOME CONSTRUCTION IS COMPLETE.

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: INLET PROTECTION
		CITY PLATE No. ERO–2

1 **INLET PROTECTION**

NO SCALE



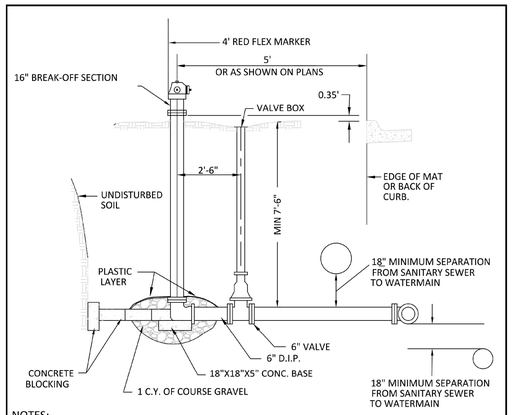
WATER SERVICE

NTS

APPROVED: 4 – 2016	City of RAMSEY	STANDARD DETAILS: WATER SERVICE
		CITY PLATE No. WAT–2

6 **WATER SERVICE**

NO SCALE

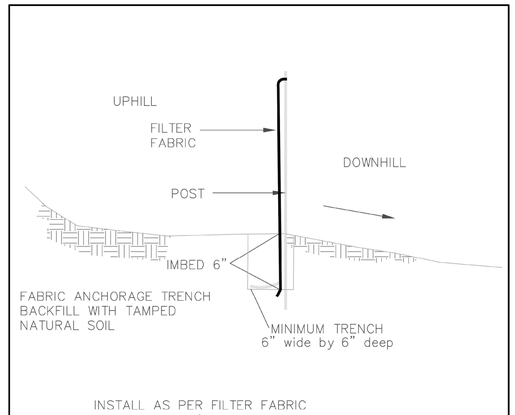


NOTES:
1. HYDRANT SHALL BE 5-1/4" WB67 WATEROUS PACER OR APPROVED EQUAL.
2. HYDRANTS TO BE ORDERED FOR 8'-0" BURY. IN AREAS OF EXTRA DEPTH ON THE WATERMAIN, HYDRANTS EXTENSIONS MAY BE REQUIRED.
3. HYDRANTS SHALL BE BLOCKED OR TIED TO THE TEE AT MAIN WITH 2-3/4" DIAMETER TIE RODS. ALL TIE RODS TO BE COAL TAR COATED AFTER INSTALLATION. RESTRAINED JOINT PIPE AND RETAINING GLANDS MAY BE USED.
4. TOP NUT OF HYDRANT 2.5' ABOVE TOP BACK OF CURB OR BITUMINOUS SURFACE.
5. HYDRANTS BURIED BELOW WATER TABLE, DRAIN HOLES NEED TO BE PLUGGED AND HYDRANT MARKED BY PAINTING 5" CAP YELLOW.
6. BRUSH PAINT ALL HYDRANTS AFTER INSTALLATION IS COMPLETE.
7. PUMPER NOZZLE .5.75" O.D. X 4 T.P.I, HOSE NOZZLE 3.06" O.D. X 7 T.P.I.

APPROVED: 6 – 2017	City of RAMSEY	STANDARD DETAILS: HYDRANT
		CITY PLATE No. WAT–1

4 **HYDRANT**

NO SCALE



INSTALL AS PER FILTER FABRIC MANUFACTURER'S RECOMMENDATIONS

SILT FENCE DETAIL

NO SCALE

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: SILT FENCE
		CITY PLATE No. ERO–1

2 **SILT FENCE**

NO SCALE

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DEVELOPER

Landform Development Partnership
Address
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TEL (XXX) XXX-XXXX

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the state of MINNESOTA.

Kendall C. Hess
License No. XXXXXX
Signature Date: XX/XX/XXXX

PRELIMINARY NOT FOR CONSTRUCTION

IF THE SIGNATURE, SEAL OR FOUR LINES DIRECTLY ABOVE ARE NOT VISIBLE, THIS SHEET HAS BEEN REPRODUCED BEYOND INTENDED READABILITY AND IS NO LONGER A VALID DOCUMENT. PLEASE CONTACT THE ENGINEER TO REQUEST ADDITIONAL DOCUMENTS

PRELIMINARY PLAT
12.02.2019

LANDFORM
From Site to Finish

105 South Fifth Avenue
Suite 513
Minneapolis, MN 55401
Tel: 612-252-9070
Fax: 612-252-9077
Web: landform.net

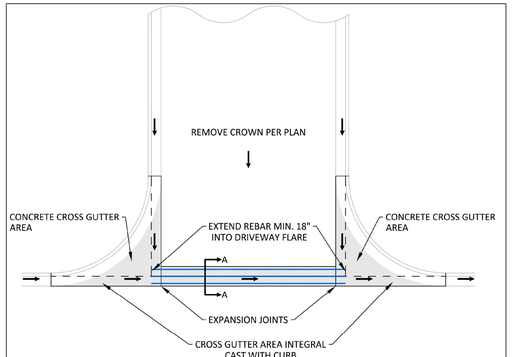
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PROJECT NO.	LDP19007

CIVIL CONSTRUCTION DETAILS

C7.1

SHEET NO. 9/11

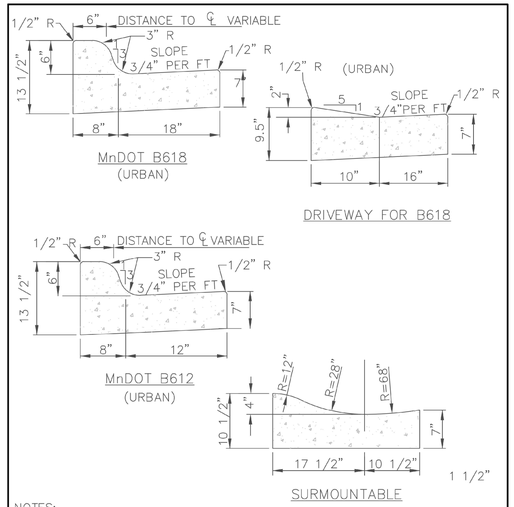
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NOTES:
1. WITH REMOVAL OF EXISTING CURB AT A STREET, MILL BITUMINOUS TO A DEPTH OF 1.5" AND A WIDTH OF 18" IN EXISTING STREET.
2. TO BE USED WHENEVER CROSS DRAINAGE IS < 2%.
3. CONCRETE CURB AND GUTTER SHALL BE CAST INTEGRAL WITH CONCRETE CROSS GUTTER AREA.
4. CONCRETE CURB AND GUTTER SHALL BE PAID SEPARATELY FROM CONCRETE CROSS GUTTER AREA.

APPROVED:		STANDARD DETAILS:
3 - 2017	City of RAMSEY	CROSS GUTTER
		CITY PLATE No. STR-2

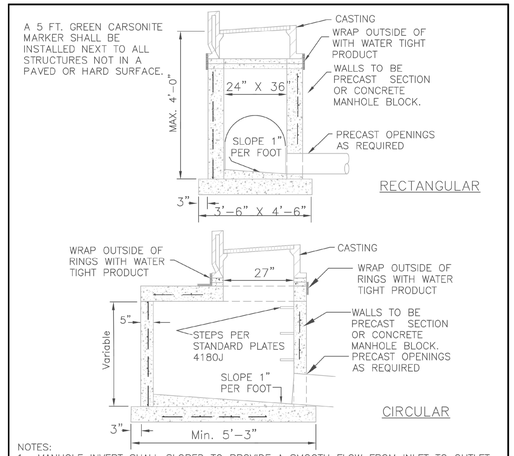
7 **CROSS GUTTER** NO SCALE



NOTES:
1. ON WEAR COURSE MILL THE EXISTING BITUMINOUS 1.5" BY 24" IN FRONT OF THE REPLACEMENT CURB.
2. ON BASE COURSE SAW CUT AND REMOVE EXISTING BITUMINOUS 18" IN FRONT OF THE REPLACEMENT CURB.

APPROVED:		STANDARD DETAILS:
1 - 2016	City of RAMSEY	CURB AND GUTTER
		CITY PLATE No. STR-1

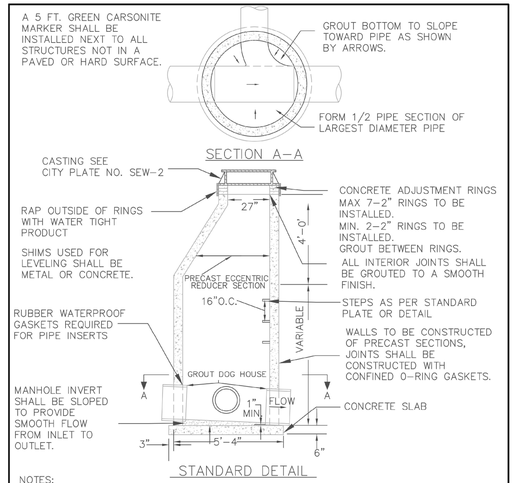
5 **CURB AND GUTTER** NO SCALE



NOTES:
1. MANHOLE INVERT SHALL SLOPED TO PROVIDE A SMOOTH FLOW FROM INLET TO OUTLET
2. CONCRETE BASE SHALL BE 6" POURED IN PLACE OR 5" PRECAST SLAB.
3. CONCRETE ADJUSTING RINGS TO BE INSTALLED MAX.7-2" RINGS, MIN 2-2" RINGS
4. GROUT BETWEEN RINGS,SHIMS SHALL BE METAL, CONCRETE OR PLASTIC
5. INSPECTION OF MANHOLE REQUIRED BEFORE BACKFILLING
6. A 10 GAUGE SOLID COPPER TRACER WIRE IS REQUIRED WITH ALL STORM LINES.
7. CONDUCTIVITY IS REQUIRED ON ALL TRACER WIRE
8. STEPS ARE REQUIRED IF STRUCTURE FROM THE CASTING TO THE INVERT IS GREATER THAN 4 FEET
9. TRACER WIRES ARE TO END IN STRUCTURES, AT FINISHED GRADE ON ALL SERVICES AND STUBS

APPROVED:		STANDARD DETAILS:
4 - 2007	City of RAMSEY	CATCH BASIN
		CITY PLATE No. STO-1

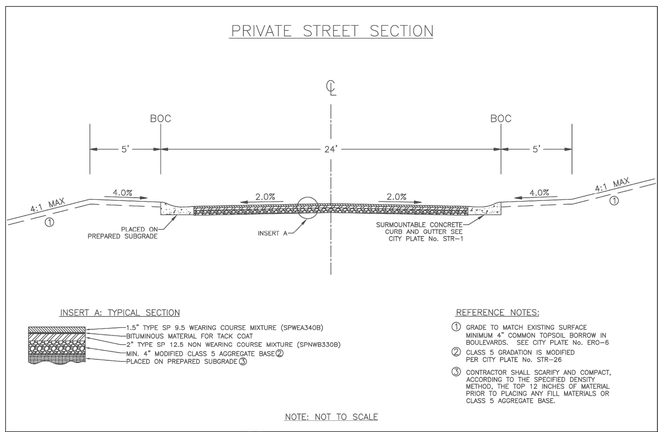
3 **CATCH BASIN** NO SCALE



NOTES:
1. A 10 GAGE SOLID COPPER TRACER WIRE IS REQUIRED WITH ALL SEWER LINES.
2. CONDUCTIVITY IS REQUIRED ON ALL TRACER WIRE.
3. TRACER WIRES ARE TO END IN STRUCTURES, AT FINISHED GRADE ON ALL SERVICES AND STUBS.
4. 6" BASE FOR ALL MANHOLES LESS THAN 14 FT. OF DEPTH, INCREASE BASE THICKNESS 2" PER 6 FT. OF DEPTH BEYOND 14 FT.
5. 5" PRECAST BASE MAY BE USED FOR MANHOLES LESS THAN 14 FT. DEEP.
6. ALL INVERTS TO BE 0.10' ABOVE OUTLET.

APPROVED:		STANDARD DETAILS:
1 - 2016	City of RAMSEY	SANITARY MANHOLE
		CITY PLATE No. SEW-1

1 **SANITARY MANHOLE** NO SCALE

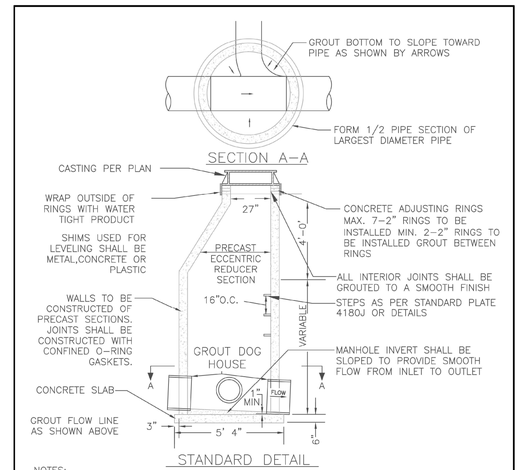


REFERENCE NOTES:
① GRADE TO MATCH EXISTING SURFACE MINIMUM 4" COMMON TOPSOIL BORROW IN BOULEVARDS. SEE CITY PLATE No. ERO-6
② CLASS 5 GRADATION IS MODIFIED PER CITY PLATE No. STR-26
③ CONTRACTOR SHALL SCARIFY AND COMPACT, ACCORDING TO THE SPECIFIED DENSITY METHOD, THE TOP 12 INCHES OF MATERIAL PRIOR TO PLACING ANY FILL MATERIALS OR CLASS 5 AGGREGATE BASE.

NOTE: NOT TO SCALE

APPROVED:		CITY PLATE No.	STANDARD DETAILS:
6 - 2016	City of RAMSEY	STR-29	PRIVATE STREET SECTION

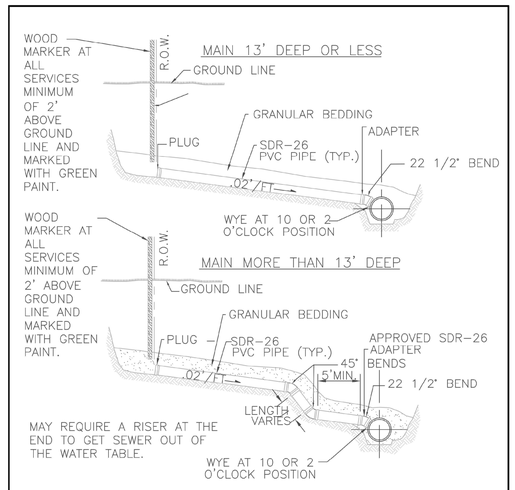
6 **PRIVATE STREET SECTION** NO SCALE



NOTES:
1. MANHOLE INVERT SHALL SLOPED TO PROVIDE A SMOOTH FLOW FROM INLET TO OUTLET
2. INSPECTION OF MANHOLE REQUIRED BEFORE BACKFILLING
3. ALL INLET INVERTS TO BE 0.10 ABOVE OUTLET INVERTS UNLESS OTHERWISE NOTED
4. A 10 GAUGE SOLID COPPER TRACER WIRE IS REQUIRED WITH ALL STORM LINES.
5. CONDUCTIVITY IS REQUIRED ON ALL TRACER WIRE
6. STEPS ARE REQUIRED IF STRUCTURE FROM THE CASTING TO THE INVERT IS GREATER THAN 4 FEET
7. TRACER WIRES ARE TO END IN STRUCTURES, AT FINISHED GRADE ON ALL SERVICES AND STUBS

APPROVED:		STANDARD DETAILS:
1 - 2016	City of RAMSEY	STORM MANHOLE
		CITY PLATE No. STO-3

4 **STORM MANHOLE** NO SCALE



NOTES:
1. 10 GAGE SOLID COPPER TRACER WIRE IS REQUIRED WITH ALL SEWER LINES
2. CONDUCTIVITY IS REQUIRED ON ALL TRACER WIRE.
3. TRACER WIRE ARE TO END IN STRUCTURES, AT FINISHED GRADE ON ALL SERVICES AND STUBS.

APPROVED:		STANDARD DETAILS:
4 - 2016	City of RAMSEY	SANITARY SEWER SERVICE
		CITY PLATE No. SEW-3

2 **SANITARY SEWER SERVICE** NO SCALE

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DEVELOPER

Landform Development Partnership
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TEL (XXX) XXX-XXXX

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the state of MINNESOTA.

Kendall C. Heiser
License No. 43210 Date: 12.02.2019

Signature shown on the original document. Unauthorized alteration of this plan/set is a violation of applicable statutes. Electronic and copy available upon request.

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PRELIMINARY PLAT
12.02.2019

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From Site to Finish

105 South Fifth Avenue
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Minneapolis, MN 55401
Tel: 612-252-9070
Fax: 612-252-9077
Web: landform.net

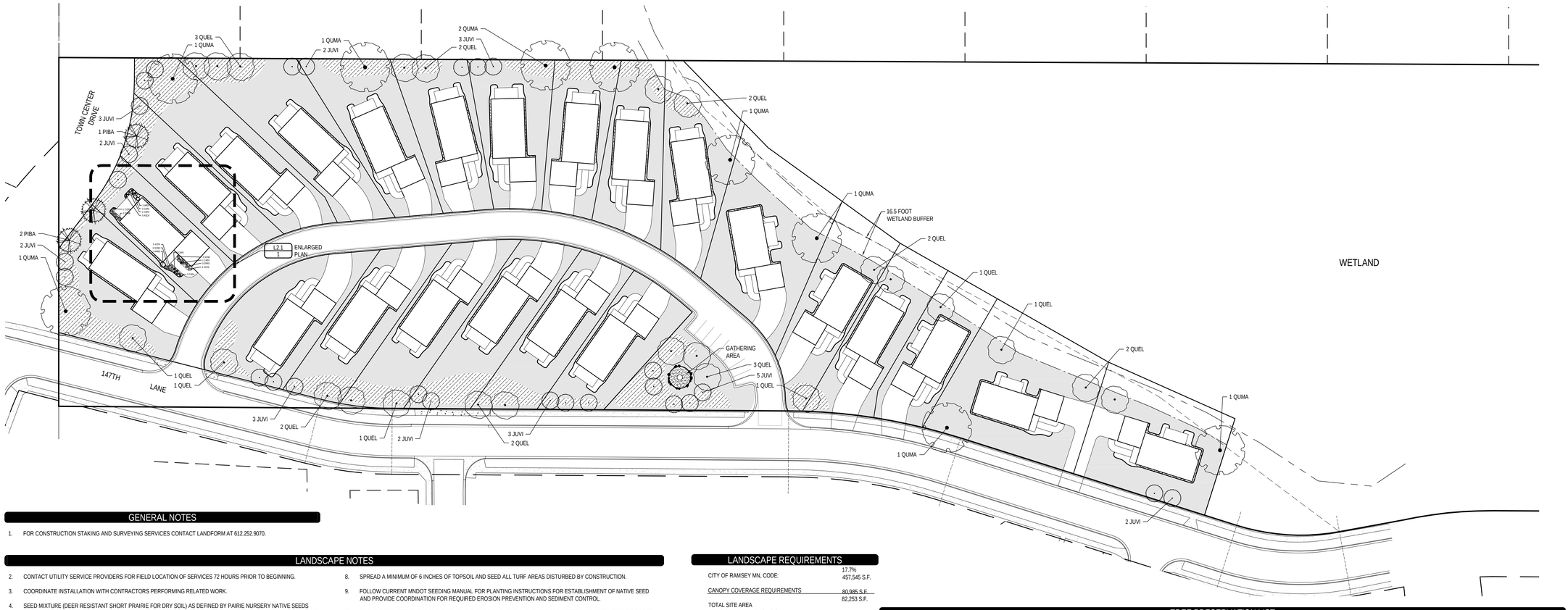
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PROJECT NO. LDP19007

CIVIL CONSTRUCTION DETAILS

C7.2

SHEET NO. 10/11

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GENERAL NOTES

1. FOR CONSTRUCTION STAKING AND SURVEYING SERVICES CONTACT LANDFORM AT 612.252.9070.

LANDSCAPE NOTES

2. CONTACT UTILITY SERVICE PROVIDERS FOR FIELD LOCATION OF SERVICES 72 HOURS PRIOR TO BEGINNING.
3. COORDINATE INSTALLATION WITH CONTRACTORS PERFORMING RELATED WORK.
4. SEED MIXTURE (DEER RESISTANT SHORT PRAIRIE FOR DRY SOIL) AS DEFINED BY PAIRIE NURSERY NATIVE SEEDS AND PLANTS (1-800-476-9453) OR APPROVED EQUAL. PROVIDE VERIFYING DOCUMENTATION TO THE OWNER 30 DAYS MINIMUM PRIOR TO INSTALLATION.
5. PLANT MATERIAL SHALL CONFORM TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS AND BE OF HARDY STOCK, FREE FROM DISEASE, INFESTATION, DAMAGE, AND DISFIGURATION. FOR DISCREPANCY BETWEEN THE NUMBER OF PLANTS ON THE SCHEDULE AND THE NUMBER SHOWN ON THE DRAWING, THE DRAWING SHALL GOVERN.
6. ALL EXISTING DECIDUOUS/CONIFEROUS TREES ARE TO BE TRIMMED OF DEAD WOOD AND PRUNED TO A NATURAL UNIFORM SHAPE.
7. PLANTING SOIL SHALL CONSIST OF 4 PARTS TOPSOIL TO 1 PART PEAT HUMUS, WITH 3 POUNDS OF COMMERCIAL FERTILIZER ADDED PER CUBIC YARD.
8. SPREAD A MINIMUM OF 6 INCHES OF TOPSOIL AND SEED ALL TURF AREAS DISTURBED BY CONSTRUCTION.
9. FOLLOW CURRENT MNDOT SEEDING MANUAL FOR PLANTING INSTRUCTIONS FOR ESTABLISHMENT OF NATIVE SEED AND PROVIDE COORDINATION FOR REQUIRED EROSION PREVENTION AND SEDIMENT CONTROL.
10. QUANTITIES LISTED IN THE PLANT SCHEDULE FOR DECIDUOUS AND EVERGREEN TREES ARE TOTAL QUANTITIES FOR DESIGN.
11. QUANTITIES LISTED IN THE PLANT SCHEDULE FOR SHRUBS, GRASSES AND PERENNIALS ARE FOR ONE (1)TYPICAL UNIT FOUNDATION PLANTING.
12. PLACE PLANTS ACCORDING TO LAYOUT WITH PROPER NOMINAL SPACING. IF THERE IS A DISCREPANCY OF THE NUMBER OF PLANTS SHOWN IN THE PLANT SCHEDULE AND THOSE SHOWN ON THE PLAN, THE PLAN SHALL GOVERN.
13. INSTALL A 4-FOOT DIAMETER SHREDDED HARDWOOD MULCH DISH AROUND TREES NOT PLACED WITHIN A SHRUB OR PERENNIAL PLANTING BED. VINYL EDGING IS NOT REQUIRED, UNLESS NOTED OTHERWISE.

LANDSCAPE REQUIREMENTS

CITY OF RAMSEY MN, CODE:	17.7%
	457,545 S.F.
CANOPY COVERAGE REQUIREMENTS	80,985 S.F.
	82,253 S.F.

TOTAL SITE AREA
RATIO OF IMPERVIOUS TO SITE AREA
PERVIOUS AREA

REQUIRED CANOPY COVERAGE (0.177 x 457,545)
PROVIDED CANOPY COVERAGE

NOTE:

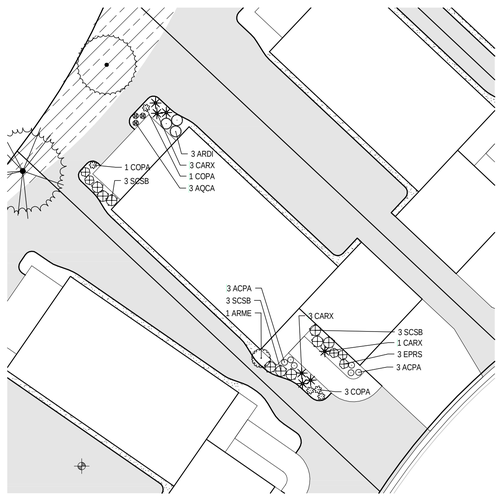
FOR PURPOSES OF THE ABOVE CALCULATIONS, MULTIPLY SHRUBS FROM PLANT SCHEDULE BY (23) TO GET TOTALS. ALL TREES FROM PLANT SCHEDULE ARE AS SHOWN IN SCHEDULE.

PLANT SCHEDULE

DECIDUOUS TREES	CODE	QTY	BOTANICAL / COMMON NAME	MATURE SIZE	PLANTING SIZE	ROOT COND.
	QUEL	24	QUERCUS ELLIPSOIDALIS / NORTHERN PIN OAK	60`H X 50`W	2.5"CAL	B & B
	QUMA	9	QUERCUS MACROCARPA / BURR OAK	70`H X 70`W	2.5"CAL	B & B
EVERGREEN TREES	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**MATURE SIZE**	**PLANTING SIZE**	**ROOT COND.**
	JUVI	27	JUNIPERUS VIRGINIANA / EASTERN RED CEDAR	45`H X 20`W	6` HT.	B & B
	PIBA	3	PINUS BANKSIANA / JACK PINE	50`H X 30`W	6` HT.	B & B
SHRUBS	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**MATURE SIZE**	**PLANTING SIZE**	**ROOT COND.**
	ARME	1	ARONIA MELANOCARPA / CHOKEBERRY	6`H X 6`W	2 GAL.	POT
GRASSES	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**MATURE SIZE**	**PLANTING SIZE**	**ROOT COND.**
	CARX	7	CAREX SPRENGELII / SPRENGEL`S SEDGE	3`H X 3`W	1 GAL.	POT
	SCSB	9	SCHIZACHYRIUM SCOPARIUM `BLUE HEAVEN` / BLUE HEAVEN LITTLE BLUESTEM	2`H X 3`W	1 GAL.	POT
PERENNIALS	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**MATURE SIZE**	**PLANTING SIZE**	**ROOT COND.**
	ACPA	6	ACHILLEA MILLEFOLIUM `PAPRIKA` / RED YARROW	2`H X 2`W	1 GAL.	POT
	AQCA	3	AQUILEGIA CANADENSIS / CANADIAN COLUMBINE	3`H X 1.5`W	1 GAL.	POT
	ARDI	3	ARUNCUS DIOICUS / GOAT`S BEARD	5`H X 3`W	1 GAL.	POT
	COPA	5	COREOPSIS PALMATA / STIFF TICKSEED	3`H X 3`W	1 GAL.	POT
	EPRS	5	ECHINACEA PURPUREA `RUBY STAR` / PURPLE CONEFLOWER	3`H X 3`W	1 GAL.	POT

SODDED TURF

NATIVE SEED MIXTURE



1 TYPICAL UNIT FOUNDATION PLANTING

1" = 20'

TREE PRESERVATION LIST

1. SEE SHEET C1.1 FOR LOCATIONS OF EXISTING TREES.

Tree #	Species	DBH	Condition	Stems	Lost	Tree #	Species	DBH	Condition	Stems	Lost	Tree #	Species	DBH	Condition	Stems	Lost
1	Cottonwood	20.0	Fair	1		34	Redcedar	9.5	Good	1	X	68	Elm, Siberian	8.5	Good	1	X
2	Maple, amur	18.0	Good	6		35	Redcedar	6.5	Good	1	X	69	Boxelder	9.0	Good	1	X
3	Maple, amur	25.0	Good	5		36	Redcedar	10.0	Good	1	X	70	Elm, Siberian	12.0	Good	1	X
4	Boxelder	13.0	Fair	2		37	Redcedar	9.0	Good	1	X	71	Boxelder	29.0	Fair	5	X
5	Olive, Russian	18.0	Good	1		38	Hackberry	8.0	Good	1	X	72	Boxelder	15.0	Fair	2	X
6	Cottonwood	8.0	Good	1		39	Redcedar	7.5	Good	1	X	73	Boxelder	8.0	Good	1	X
7	Willow	25.0	Good	1		40	Hackberry	9.0	Good	1	X	74	Redcedar	7.5	Good	1	X
8	Cottonwood	9.0	Good	1		41	Redcedar	8.5	Good	1	X	75	Boxelder	21.5	Poor	3	X
9	Ash, green	8.0	Fair	2		42	Redcedar	5.5	Fair	1	X	76	Redcedar	9.5	Good	1	X
10	Cottonwood	9.0	Good	1		43	Boxelder	19.5	Fair	3	X	77	Boxelder	12.0	Good	1	X
11	Cottonwood	14.0	Good	1		45	Redcedar	5.0	Fair	1	X	78	Elm, Siberian	8.5	Good	1	X
12	Cottonwood	14.0	Good	1		46	Redcedar	5.0	Good	1	X	79	Boxelder	8.0	Good	1	X
13	Elm, American	20.0	Good	1		47	Redcedar	7.5	Good	1	X	80	Boxelder	21.0	Fair	4	X
14	Redcedar	4.5	Good	1		48	Redcedar	7.5	Good	1	X	81	Elm, Siberian	14.0	Good	1	X
15	Boxelder	28.0	Fair	3		49	Redcedar	4.5	Good	1	X	82	Elm, Siberian	12.0	Good	1	X
16	Boxelder	32.0	Fair	4		50	Redcedar	7.0	Good	1	X	83	Boxelder	16.0	Fair	1	X
17	Cottonwood	9.0	Good	1		51	Redcedar	8.0	Good	1	X	84	Aspen	8.0	Good	1	X
18	Boxelder	11.5	Good	1		52	Redcedar	8.5	Good	1	X	85	Boxelder	15.0	Fair	1	X
19	Boxelder	10.0	Good	1		53	Cottonwood	69.0	Good	1	X	86	Boxelder	10.0	Good	1	X
20	Redcedar	8.0	Good	1	X	54	Redcedar	4.0	Good	1	X	87	Willow	10.0	Very Poor	1	X
21	Redcedar	9.0	Good	1	X	55	Redcedar	6.5	Fair	1	X	88	Boxelder	11.5	Good	1	X
22	Redcedar	6.0	Fair	1	X	56	Redcedar	5.5	Good	1	X	89	Boxelder	10.0	Good	1	X
23	Redcedar	6.5	Fair	1	X	57	Ash, green	9.0	Good	1	X	90	Boxelder	20.0	Good	3	X
24	Cottonwood	78.0	Very Poor	2	X	58	Boxelder	11.0	Fair	2	X	91	Boxelder	9.0	Good	1	X
25	Boxelder	22.0	Fair	2	X	59	Redcedar	8.0	Good	1	X	92	Elm, Siberian	14.0	Good	1	X
26	Boxelder	11.0	Fair	1	X	60	Redcedar	5.0	Good	1	X	93	Boxelder	25.0	Good	2	X
27	Cottonwood	62.0	Fair	1	X	61	Redcedar	6.0	Good	1	X	94	Boxelder	8.0	Good	1	X
28	Redcedar	5.0	Very Poor	1	X	62	Elm, Siberian	9.0	Poor	1	X	95	Boxelder	10.0	Good	1	X
29	Redcedar	5.0	Good	1	X	63	Boxelder	16.0	Good	2	X	96	Boxelder	9.0	Good	1	X
30	Redcedar	6.0	Fair	1	X	64	Boxelder	11.0	Good	1	X	97	Boxelder	38.0	Good	4	X
31	Redcedar	8.0	Fair	1	X	65	Elm, Siberian	19.0	Fair	2	X	98	Boxelder	18.0	Good	1	X
32	Redcedar	5.0	Good	1	X	66	Elm, Siberian	9.0	Good	1	X	99	Elm, Siberian	12.0	Good	1	X
33	Redcedar	7.5	Good	1	X	67	Elm, Siberian	14.0	Good	1	X						

Know what's **Below.** **Call** before you dig.

NORTH

0 50 100

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DEVELOPER

DC RAMSEY, LLC
105 S. 5TH AVE. STE 513
Minneapolis, MN 55401

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Landscape Architect under the laws of the state of MINNESOTA.

Joshua K. Pope

License No. 1291 Date

Signature shown is a reproduction of an original. Original signed copy of this plan on file at the professional's office and is available upon request.

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PRELIMINARY PLAT
12.02.2019

LANDFORM
From Site to Finish

105 South Fifth Avenue
Suite 513
Minneapolis, MN 55401
Tel: 612-252-9070
Fax: 612-252-9077
Web: landform.net

FILE NAME L101LDP007.dwg

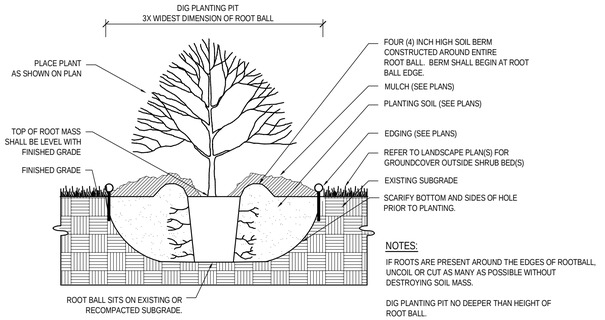
PROJECT NO. LDP19007

LANDSCAPE PLAN

L1.1

SHEET NO. 10/11

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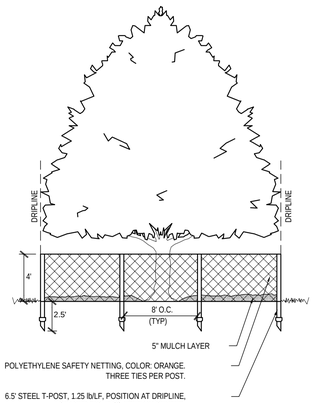
NOTES:

IF ROOTS ARE PRESENT AROUND THE EDGES OF ROOTBALL, UNCOIL OR CUT AS MANY AS POSSIBLE WITHOUT DESTROYING SOIL MASS.

DIG PLANTING PIT NO DEEPER THAN HEIGHT OF ROOT BALL.

5 SHRUB PLANTING

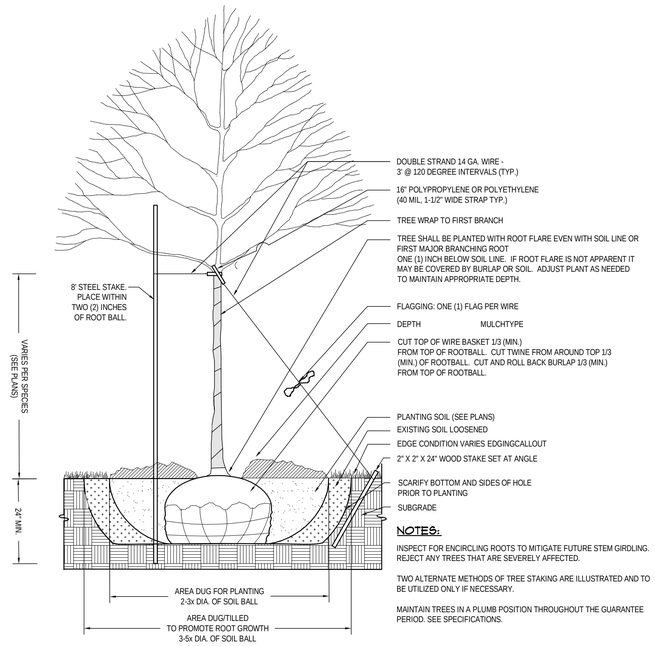
NO SCALE



INSTALL TREE PROTECTION DEVICES PRIOR TO START OF LAND DISTURBANCE. MAINTAIN UNTIL FINAL LANDSCAPE IS INSTALLED.

3 TREE PROTECTION

NO SCALE



NOTES:

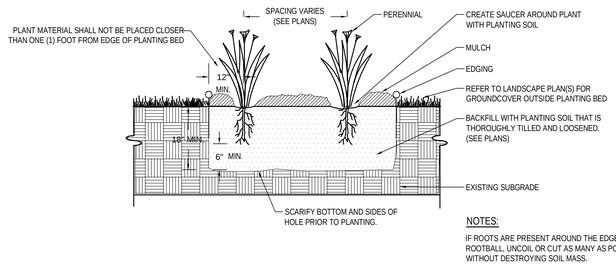
INSPECT FOR ENCIRCLING ROOTS TO MITIGATE FUTURE STEM GIRDLING. REJECT ANY TREES THAT ARE SEVERELY AFFECTED.

TWO ALTERNATE METHODS OF TREE STAKING ARE ILLUSTRATED AND TO BE UTILIZED ONLY IF NECESSARY.

MAINTAIN TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD. SEE SPECIFICATIONS.

1 DECIDUOUS TREE PLANTING

NO SCALE

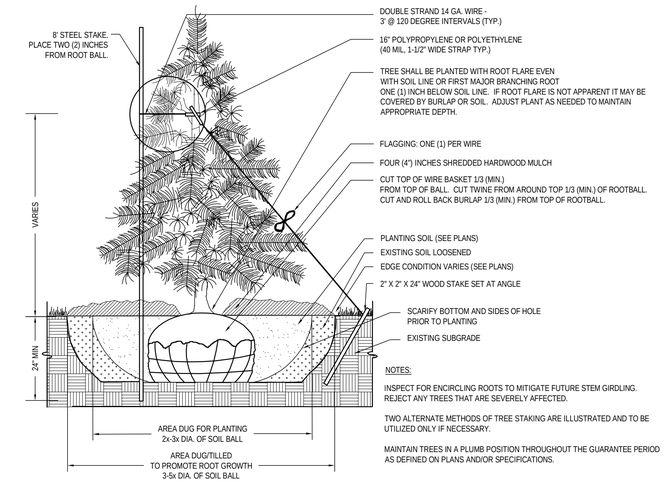


NOTES:

IF ROOTS ARE PRESENT AROUND THE EDGES OF ROOTBALL, UNCOIL OR CUT AS MANY AS POSSIBLE WITHOUT DESTROYING SOIL MASS.

4 PERENNIAL PLANTING

NO SCALE



NOTES:

INSPECT FOR ENCIRCLING ROOTS TO MITIGATE FUTURE STEM GIRDLING. REJECT ANY TREES THAT ARE SEVERELY AFFECTED.

TWO ALTERNATE METHODS OF TREE STAKING ARE ILLUSTRATED AND TO BE UTILIZED ONLY IF NECESSARY.

MAINTAIN TREES IN A PLUMB POSITION THROUGHOUT THE GUARANTEE PERIOD AS DEFINED ON PLANS AND/OR SPECIFICATIONS.

2 CONIFEROUS TREE PLANTING

NO SCALE

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DEVELOPER

DC RAMSEY, LLC
105 S. 5TH AVE. STE 513
Minneapolis, MN 55401

MUNICIPALITY

City of RAMSEY

PROJECT

GARDEN VIEW VILLAS

RAMSEY, MINNESOTA

ISSUE / REVISION HISTORY

CONTACT ENGINEER FOR ANY PRIOR HISTORY

DATE	ISSUE / REVISION	REVIEW
02 JAN 2019	Preliminary Plat	RCH

CERTIFICATION

I hereby certify that this plan was prepared by me, or under my direct supervision, and that I am a duly Licensed Landscape Architect under the laws of the state of MINNESOTA.

Joshua K. Poeschl

License No. [illegible] 12/2019

Signature shown is a facsimile reproduction of the original signed copy of this plan on file at the professional's office and is available upon request.

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PRELIMINARY PLAT

12.02.2019

LANDFORM
From Site to Finish

105 South Fifth Avenue
Suite 513
Minneapolis, MN 55401

Tel: 612-252-9070
Fax: 612-252-9077
Web: landform.net

FILE NAME L701LDP007.dwg

PROJECT NO. LDP19007

LANDSCAPE DETAILS

L7.1

SHEET NO. 11/11

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END ELEVATION



END ELEVATION



END ELEVATION

LANDFORM
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Home Elevations

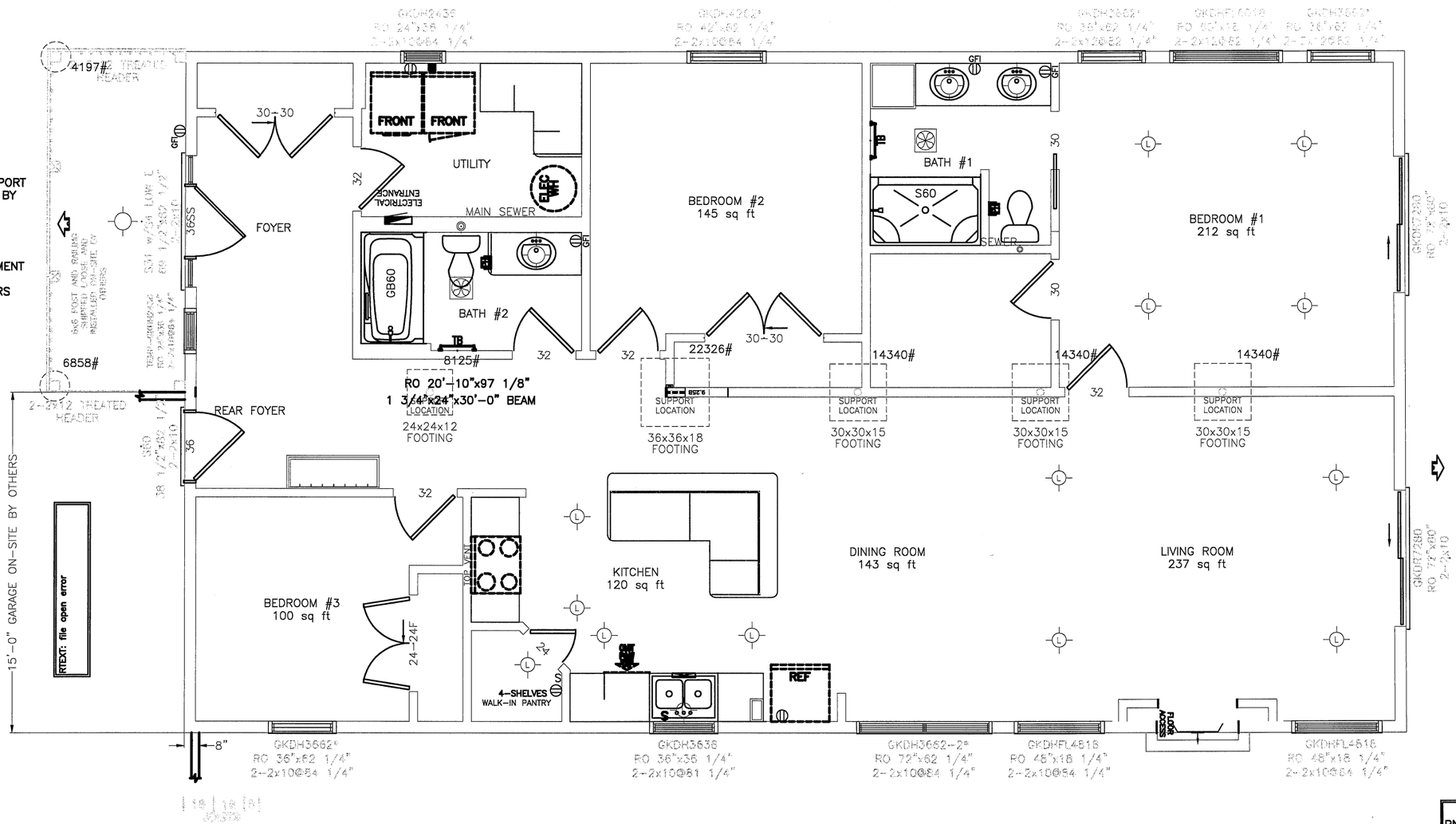
RAMSEY TOWNHOME PARCEL • Ramsey, MN

Sketch Plan • 09.04.2019

PORTAL FRAME

PORCH FOOTING SUPPORT REQUIRED ON–SITE BY OTHERS

WIND UPLIFT ATTACHMENT FOR PORCH ON–SITE BY OTHERS



1st Floor
1620 sq ft
Perimeter 168'–0" ft

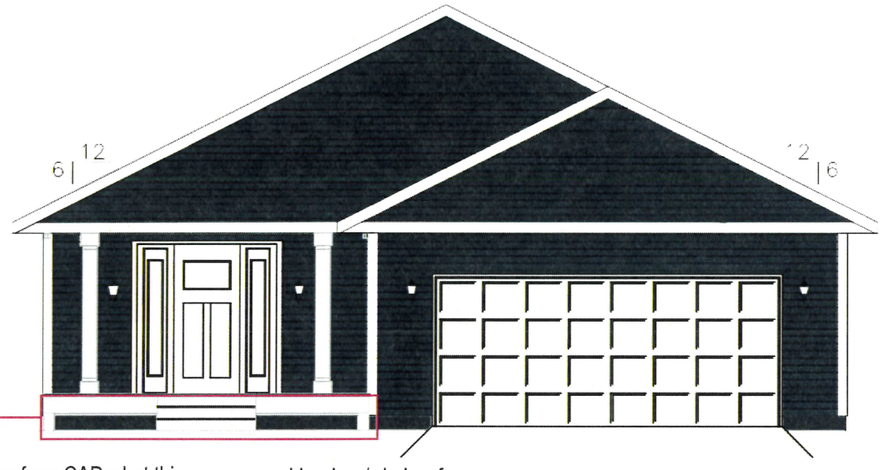
PRELIMINARY PRINT:
NOT SUBJECT TO CHANGE
WISCONSIN HOMES, INC.

LANDFORM
From Site to Finish

Floor Plan

RAMSEY TOWNHOME PARCEL • Ramsey, MN

Sketch Plan • 09.04.2019

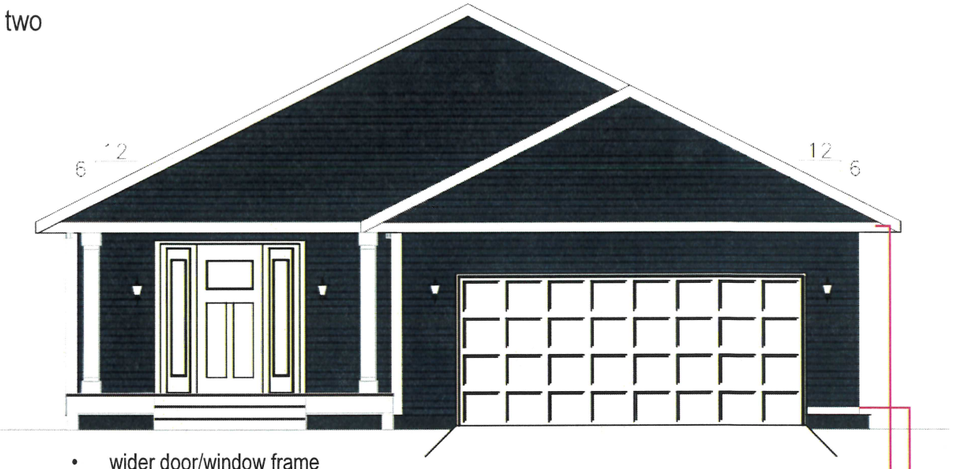


FYI unclear from CAD what this condition is in the front elevation (applies to all concepts)

- wider door/window frame

Ideas for porch revisions:

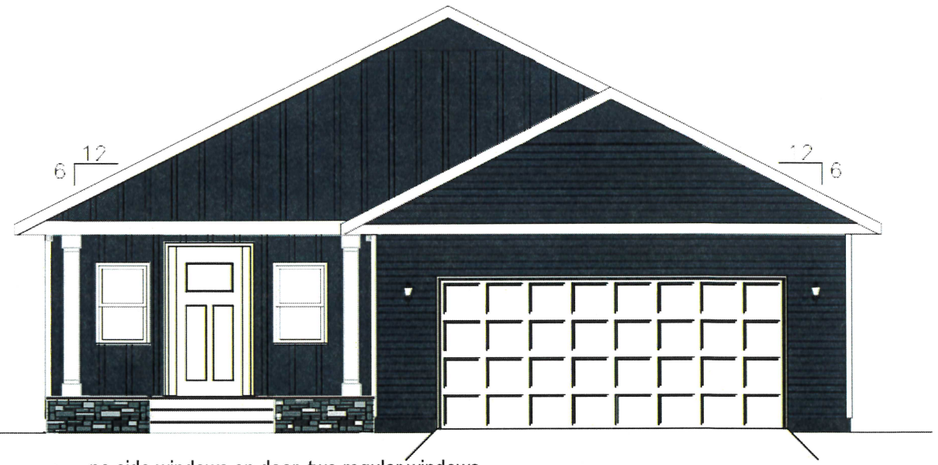
- swap window and /or porch rails for other details: lighting, columns, or wider door/window frame
- Minimize # of columns from 4 to 2 - make the two wider with articulation
- Pull columns in from edge of porch
- Wider steps
- Wider trim
- Rock / stone only an option for base of porch



- wider door/window frame
- wider steps up to porch
- wider trim details
- add trim detail between bottom of vinyl and top of concrete slab?



- with porch rails, make opening in railing wider
- no regular windows, add lights instead



- no side windows on door, two regular windows
- stone on base on porch

LANDFORM
From Site to Finish

Revised Elevations

RAMSEY TOWNHOME PARCEL • Ramsey, MN

Sketch Plan • 09.04.2019



END ELEVATION



END ELEVATION



END ELEVATION

LANDFORM
From Site to Finish

Home Elevations

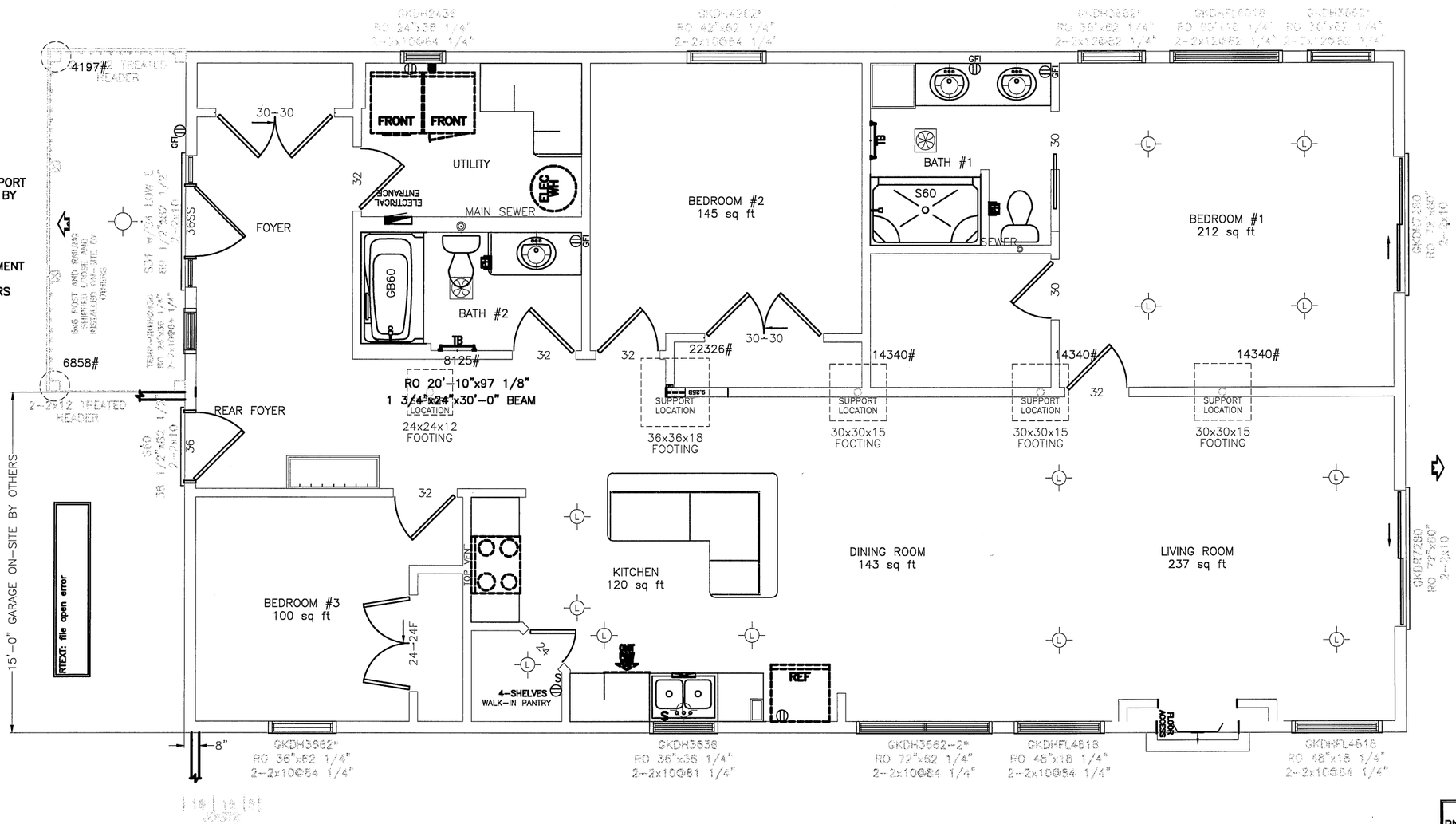
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Sketch Plan • 09.04.2019

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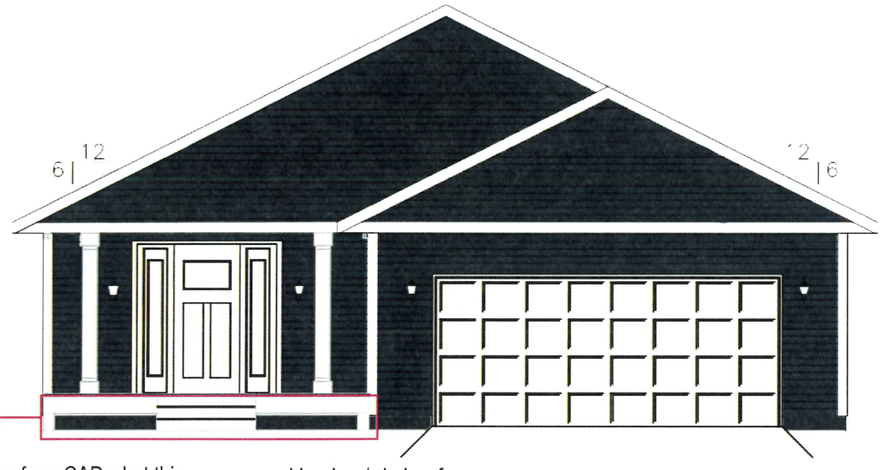
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LANDFORM
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Floor Plan

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Sketch Plan • 09.04.2019

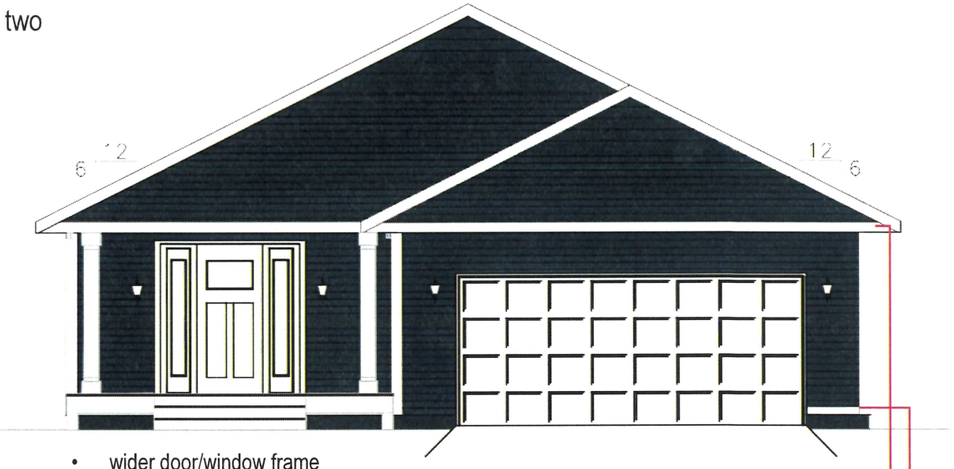


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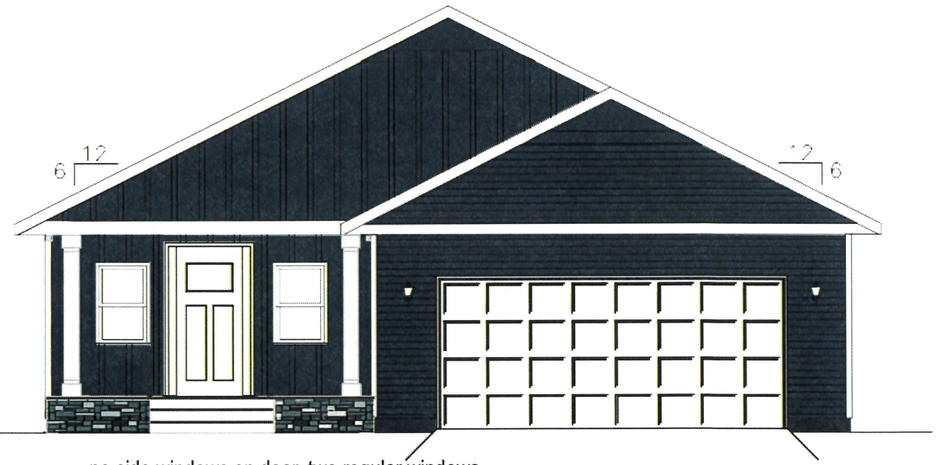
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LANDFORM
From Site to Finish

Revised Elevations

RAMSEY TOWNHOME PARCEL • Ramsey, MN

Sketch Plan • 09.04.2019

CC Regular Session **7. 3.**

Meeting Date: 04/14/2020

By: Bruce Westby, Engineering/Public Works

Information

Title:

Adopt Resolution #20-071 Accepting Feasibility Report and Ordering Plans and Specifications for Improvement Project #20-01, Variolite Street Reconstruction

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #20-071 accepting the Feasibility Report and ordering Plans and Specifications for Improvement Project #20-01, Variolite Street Reconstruction.

Background: City Improvement Project 20-01 proposes to reconstruct Variolite Street between Alpine Drive and 173rd Avenue. The street totals approximately 12,000 linear feet (2.28 miles) in length. A figure showing the location and scope of the proposed improvements is included in ***Appendix A*** of the attached Feasibility Report.

On December 10, 2019, the Ramsey City Council ordered this feasibility report which explores the necessity, feasibility and cost-effectiveness of the proposed improvements by examining the existing conditions, scope of the proposed improvements, design alternatives, estimated costs and available funding sources, and determining whether the improvements should be completed as proposed or in connection with other improvements. On September 10, 2019, the Ramsey City Council authorized Staff to execute proposals from Hakanson Anderson and Associates for the required topographic survey, and from Northern Technologies Inc. (NTI) for required geotechnical work. The NTI Geotechnical Report is included in ***Appendix D*** of the attached Feasibility Report.

In 2017, Variolite Street was included in the Ground Penetrating Radar Pavement Evaluation performed by Braun Intertec. This data provides bituminous and aggregate base thickness information. The Ground Penetrating Radar (GPR) Summary, as well as the street segment summary, detailing the pavement history, are included in ***Appendix C*** of the attached Feasibility Report.

Variolite Street is a Municipal State Aid (MSA) street, and as such must be reconstructed to current MSA design standards, which are regulated by the State Aid Division of the Minnesota Department of Transportation (MnDOT). Due to the MSA 9 ton road design requirements and the potential for heavy truck traffic on this route, Staff proposed improvements include a Stabilized Full Depth Reclamation (SFDR) with 4-inches of bituminous pavement placed over the top. Some areas of the road exhibit groundwater concerns, and will receive drain tile placed under the SFDR. The proposed typical section is included in ***Appendix A*** of the attached Feasibility Report.

Trunk utility improvements are proposed with this project including the replacement of existing 10-inch force main trunk sanitary sewer with 21-inch gravity trunk sewer, and the extension of 12-inch trunk watermain to 173rd Avenue. This work is consistent with the 2040 City of Ramsey Comprehensive Plan, and is proposed to occur with this project to prevent unnecessary road reconstruction in the future to install these utilities. The utility improvements will support future expansion of City sewer and water to the northern parts of the City. Stormwater is generally conveyed through ditches, with culverts at abutting side streets and low points. Several of these culverts will be replaced with this project.

The engineer's opinion of probable project costs for completing the proposed improvements outlined in this report is $4,335,000. Estimated costs include 10-percent contingency costs, as well as 23-percent indirect costs for administrative, engineering, finance and legal costs. A summary of the engineer's opinion of probable costs is

included in ***Appendix B*** of the attached Feasibility Report.

The street improvements proposed with this project are identified in the City's current 10-year Capital Improvement Program (CIP), and can be funded using a combination of Municipal State Aid Funds and Stormwater Funds. Sanitary sewer and watermain improvements are not listed in the CIP but are required to support future needs, and are feasible and cost-effective.

This project would best be constructed as a stand-alone project and is necessary, feasible, and cost-effective from an engineering standpoint, and can be constructed as proposed herein.

Notification:

Notifications are not required for this case.

Observations/Alternatives:

Observations:

The proposed project schedule is included within the Feasibility Report.

Alternatives:

Alternative #1 – Motion to adopt Resolution #20-071 accepting the Feasibility Report and ordering Plans and Specifications for Improvement Project #20-01, Variolite Street Reconstruction.

Alternative #2 – Motion to deny adoption of Resolution #20-071 at this time.

Funding Source:

The Feasibility Report was prepared in-house as part of Staff's normal duties.

Costs incurred to date include:

- $29,750 for Northern Technologies Inc. to prepare the Geotechnical Exploration and Engineering Review.
- $13,650 for Hakanson Anderson to collect topographic survey and prepare the roadway easement exhibit.
- $1,283 for WSB to complete the pavement forensic report.
- $2,140 for Braun Intertec to prepare the drain tile design report.

The current CIP lists estimated project costs at $2,643,600, with $2,328,270 coming from Municipal State Aid (MSA) Funds, and $315,330 coming from Stormwater Funds. No utility costs were identified in the CIP.

Estimated project costs per the Feasibility Report total $4,335,000. Below is a breakdown of the various project costs, which includes $ 1,450,000 in trunk sanitary sewer and watermain project costs.

<u>Project costs</u>
Street Improvements $2,820,000
Storm Sewer Improvements $65,000
Sanitary Sewer Improvements $650,000
Watermain Improvements $800,000
Total estimated project cost $4,335,000

<u>Proposed funding</u>
Municipal State Aid Funds $2,820,000
Stormwater Fund $65,000
Sanitary Sewer Fund $650,000
Water Fund $800,000
Total City Funding $4,335,000

At the September 17, 2019 Public Works Committee meeting, the Committee approved moving forward with this

project without the use of special assessments. Variolite Street has only 13 direct accesses, and assessments on 13 properties would not recover the costs associated with the assessment process. The September 17, 2019 Public Works Committee meeting report was accepted at the October 8, 2019 City Council meeting.

Recommendation:

Staff recommends Alternative #1.
The project as proposed within the attached Feasibility Report is feasible, necessary, and cost-effective from an engineering standpoint. The following Staff recommendations related to the proposed project are presented within the Feasibility Report for Council consideration and concurrence:

- Staff recommends reconstructing the bituminous pavement section using the Stabilized Full Depth Reclamation method in compliance with MSA design guidelines including 6-inches stabilized full depth reclamation, 2-inches new bituminous base course, and 2-inches new bituminous wear course.
- Staff recommends installing a concrete pedestrian refuge island at the intersection of Variolite Street and 161st Avenue, with advanced pedestrian crossing signs, and ADA compliant pedestrian landings.
- Staff recommends reducing the width of Variolite Street from 40-feet (existing) to 34-feet and posting a 40 mph speed limit between Alpine Drive and 163rd Avenue to promote traffic calming in conjunction with the 161st Avenue pedestrian crosswalk improvements.
- Staff recommends replacing the existing force main trunk sanitary sewer with gravity trunk sanitary sewer between 163rd Avenue and 166th Avenue, and extending trunk watermain from 166th Avenue to 173rd Avenue as recommended in the 2040 Comprehensive Plan.

Action:

Adopt Resolution #20-071 accepting the Feasibility Report and ordering Plans and Specifications for Improvement Project #20-01, Variolite Street Reconstruction.

A Roll Call vote is required.

Attachments

Resolution 20-071
IP 2001 CIP Sheet
IP 2001 Feasibility Report
Public Comment 1
Public Comment 2
Public Comment 3
Variolite Presentation

Form Review

Inbox	Reviewed By	Date
Kurt Ulrich	Kurt Ulrich	04/09/2020 03:20 PM
Kurt Ulrich	Kathy Schmitz	04/10/2020 11:33 AM
Bruce Westby (Originator)	Bruce Westby	04/10/2020 11:54 AM
Bruce Westby (Originator)	Bruce Westby	04/10/2020 11:55 AM
Kurt Ulrich	Kathy Schmitz	04/10/2020 12:04 PM
Form Started By: Bruce Westby		Started On: 04/06/2020 03:57 PM
Final Approval Date: 04/10/2020		

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-071

RESOLUTION ACCEPTING FEASIBILITY REPORT AND ORDERING PLANS AND SPECIFICATIONS FOR IMPROVEMENT PROJECT #20-01, VARIOLITE STREET RECONSTRUCTION

WHEREAS, the City of Ramsey proposes to reconstruct Variolite Street between Alpine Drive and 173rd Avenue in 2020; and

WHEREAS, pursuant to Ramsey City Council Resolution #19-219 adopted September 10, 2019, the City Council approved and authorized Staff to execute proposals from Hakanson Anderson and Associates for required topographic survey in the amount of $12,800, and from Northern Technologies Inc. for required geotechnical work in the amount of $29,750; and

WHEREAS, pursuant to Ramsey City Council Resolution #19-285 adopted December 10, 2019, the City Council ordered the City Engineer to prepare a Feasibility Report for Improvement Project #20-01, Variolite Street Reconstruction; and

WHEREAS, the Ramsey Public Works Committee directed Staff to explore options for reducing speeds and improving pedestrian accommodations along Variolite Street; and

WHEREAS, one of the primary purposes of a Feasibility Report is to explore alternative design options and provide recommendations on which options to construct; and

WHEREAS, the Feasibility Report was received and accepted on April 14, 2020.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1. Such improvement is necessary, cost-effective and feasible as detailed in the Feasibility Report accepted by the City Council on April 14, 2020.

2. The City Engineer is hereby designated as the engineer for this improvement, and the engineer is ordered to prepare plans and specifications for the making of such improvements.

The motion of the adoption of the foregoing resolution was duly seconded by Councilmember _____ and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 14th day of April, 2020.

_____
Mayor

ATTEST:

_____
City Clerk

Capital Improvement Program

2020 *thru* **2029**

City of Ramsey, Minnesota

Project # **17-STR-005A**

Project Name **Reconstruct Variolite Street**

Department Street Improvements
Contact
Type Improvement
Useful Life 60 Years
Category Street Improvement
Priority 1-Existing Obligation (High)
Status Active

Total Cost **$2,643,600**

Description

Reconstruction of Variolite Street

Justification

Each paved street within the City is scheduled to receive preventative maintenance on a regularly scheduled basis including reconstruction at the end of its useful life, which is estimate to be 60 years based on the City's predominant sand subgrades.

Expenditures	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
Improvements Other than Building Cost	2,643,600										2,643,600
Total	**2,643,600**										**2,643,600**

Funding Sources	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total
MSA	2,328,270										2,328,270
Storm Water Utility Fund	315,330										315,330
Total	**2,643,600**										**2,643,600**

FEASIBILITY REPORT

VARIOLITE STREET RECONSTRUCTION

CITY IMPROVEMENT PROJECT NO. 20-01

April 9, 2020

Prepared By:

City of Ramsey
Engineering Department
7550 Sunwood Drive NW
Ramsey, MN 55303
763-433-9839
763-433-9848 (Fax)

April 9, 2020

Honorable Mayor and City Council
City of Ramsey
7550 Sunwood Drive NW
Ramsey, MN 55303

Re: Feasibility Report – City of Ramsey Improvement Project #20-01
Variolite Street Reconstruction

Dear Mayor and City Council Members:

Transmitted herewith is a Feasibility Report for the proposed reconstruction of Variolite Street between Alpine Drive and 173rd Avenue. The report examines the necessity, feasibility and cost-effectiveness of reconstructing the bituminous street section and completing other appurtenant improvements.

This Feasibility Report examines the scope of the proposed improvements, explores estimated costs and available funding sources, defines a preliminary project schedule, and explores alternate designs, as well as whether the improvements would best be completed separately or in conjunction with another project.

I would be happy to discuss this report with you at your convenience. Please feel free to contact me at 763-433-9825 or bwestby@cityoframsey.com with any questions.

Sincerely,
City of Ramsey

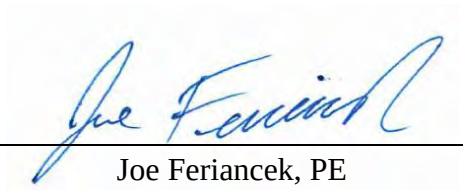
Bruce Westby, PE
City Engineer

Enclosure

C: Kurt Ulrich, City Administrator
Joe Feriancek, Civil Engineer II

CERTIFICATION

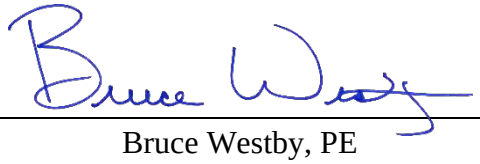
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.



Joe Feriancek, PE

Date: April 9, 2020 License No. 57095

I hereby certify that this plan, specification or report was reviewed for Quality Control and Quality Assurance purposes and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.



Bruce Westby, PE

Date: April 9, 2020 License No. 40116

TITLE SHEET

LETTER OF TRANSMITTAL

CERTIFICATION SHEET

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Appendix A

Project Scope
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Appendix B

Opinion of Probable Costs

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Street Segment Summary
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Appendix D

Geotechnical Report (NTI)
Drain Tile Design Recommendations
WSB Forensics Report

1. EXECUTIVE SUMMARY

City Improvement Project 20-01 proposes to reconstruct Variolite Street between Alpine Drive and 173rd Avenue. The street totals approximately 12,000 linear feet (2.28 miles) in length. A figure showing the location and scope of the proposed improvements is included in ***Appendix A***.

On December 10, 2019, the Ramsey City Council ordered this feasibility report which explores the necessity, feasibility and cost-effectiveness of the proposed improvements by examining the existing conditions, scope of the proposed improvements, design alternatives, estimated costs and available funding sources, and determining whether the improvements should be completed as proposed or in connection with other improvements. On September 10, 2019, the Ramsey City Council authorized Staff to execute proposals from Hakanson Anderson and Associates for the required topographic survey, and from Northern Technologies Inc. (NTI) for required geotechnical work. The NTI Geotechnical Report is included in ***Appendix D***.

In 2017, Variolite Street was included in the Ground Penetrating Radar Pavement Evaluation performed by Braun Intertec. This data provides bituminous and aggregate base thickness information. The Ground Penetrating Radar (GPR) Summary, as well as the street segment summary, detailing the pavement history, are included in ***Appendix C***.

Variolite Street is a Municipal State Aid (MSA) street, and as such must be reconstructed to current MSA design standards, which are regulated by the State Aid Division of the Minnesota Department of Transportation (MnDOT). Due to the MSA 9 ton road design requirements and the potential for heavy truck traffic on this route, Staff proposed improvements include a Stabilized Full Depth Reclamation (SFDR) with 4-inches of bituminous pavement placed over the top. Some areas of the road exhibit groundwater concerns, and will receive drain tile placed under the SFDR. The proposed typical section is included in ***Appendix A***.

Trunk utility improvements are proposed with this project including the replacement of existing 10-inch force main trunk sanitary sewer with 21-inch gravity trunk sewer, and the extension of 12-inch trunk watermain to 173rd Avenue. This work is consistent with the 2040 City of Ramsey Comprehensive Plan, and is proposed to occur with this project to prevent unnecessary road reconstruction in the future to install these utilities. The utility improvements will support future expansion of City sewer and water to the northern parts of the City. Stormwater is generally conveyed through ditches, with culverts at abutting side streets and low points. Several of these culverts will be replaced with this project.

The engineer's opinion of probable project costs for completing the proposed improvements outlined in this report is $4,335,000. Estimated costs include 10-percent contingency costs, as well as 23-percent indirect costs for administrative, engineering, finance and legal costs. A summary of the engineer's opinion of probable costs is included in ***Appendix B***.

The street improvements proposed with this project are identified in the City's current 10-year Capital Improvement Program (CIP), and can be funded using a combination of Municipal State Aid Funds and Stormwater Funds. Sanitary Sewer and Watermain improvements were not listed in the CIP but are required to support future needs, and are feasible and cost-effective.

This project would best be constructed as a stand-alone project and is necessary, feasible, and cost-effective from an engineering standpoint, and can be constructed as proposed herein.

2. INTRODUCTION

2.1 Authorization

Preparation of this feasibility report was authorized by the Ramsey City Council on December 10, 2019.

2.2 Program Overview

This project is designated as Variolite Street Reconstruction, Improvement Project No. 20-01.

This feasibility report explores proposed reconstruction of Variolite Street by the Stabilized Full-Depth Reclamation (SFDR) method, which includes reclamation of the existing bituminous pavement and underlying aggregate base and mixing asphalt emulsion into the reclaimed material to give additional strength, then placing 4-inches of new bituminous pavement on top.

The Public Works Committee directed Staff to explore pedestrian crossing improvements at 161st Avenue and traffic calming options along the corridor. The proposed pedestrian crosswalk improvements at the intersection of Variolite Street and 161st Avenue are included in ***Appendix A***. To address traffic calming, Staff proposes narrowing the pavement and reducing the speed limit to 40 mph south of 163rd Avenue. The proposed typical section is included in ***Appendix A***.

Per the 2040 Comprehensive Plan, trunk sanitary sewer and watermain improvements are needed to serve portions of the City north of Trott Brook. Therefore, the existing trunk sanitary sewer force main is proposed to be replaced with gravity sewer, and trunk watermain will be extended north to 173rd Avenue.

A figure showing the location and scope of the proposed improvements is included in ***Appendix A***.

2.3 Scope

City Improvement project 20-01 proposes to reconstruct the existing bituminous pavement, narrow the pavement width south of 163rd Lane, improve the pedestrian crosswalk at 161st Avenue, tie-in to existing ditches, replacing force main trunk sanitary sewer with gravity sewer, extent trunk watermain, and complete other appurtenant work to Variolite Street between Alpine Drive and 173rd Avenue, which totals approximately 12,000 linear feet (2.28 miles) in length.

3. EXISTING CONDITIONS

3.1 Existing Streets

Variolite Street between Alpine Drive and 173rd Avenue was constructed between 1981 and 1983 with bituminous pavement, class 5 aggregate base, and ditches. The street functions as a north-south collector. The west side of the street cuts across 6 plats and 3 un-platted sections, while the east side cuts across 7 plats and 2 un-platted sections. The existing right-of-ways vary from approximately 80-feet to approximately 100-feet. The street is generally straight, yet meanders within the right-of-way. The pavement width is generally 40-feet. Northbound right turn lanes exist for access to the Woodlands and Sweet Bay Ridge neighborhoods.

Pavement maintenance operations have included crack seal and seal coat improvements in 1988, an overlay in 1998, and crack seal and seal coat improvements in 2008. Spot patching has been performed on an as-needed basis, and has been a yearly treatment recently. In 2018, Staff assigned a Pavement and Surface Evaluation Rating (PASER) of 4 to this segment of Variolite Street. PASER ratings were not completed for this street in 2019. PASER ratings are a numerical index between 1 and 10 indicating the condition of a pavement based on various pavement distresses present during visual observations. A PASER value of 10 represents a new pavement section, while a PASER rating of 1 represents a failed pavement section requiring reconstruction. A street segment summary is included in ***Appendix C***.

In June of 2019, Staff took 3 traffic counts on Variolite Street as part of the 2019 MnDOT State Aid traffic count schedule.

- Variolite Street south of 173rd Avenue: 685 ADT
- Variolite Street north of 161st Avenue: 1,420 ADT
- Variolite Street north of Alpine Drive: 1,584 ADT

The speed limit of Variolite Street is 50 mph, with the exception of a section north of Trott Brook which has a reduced speed limit of 45 mph due to severe localized vertical displacement of the pavement.

In 2017, Braun Intertec was employed to complete a ground penetrating radar (GPR) analysis for numerous City streets, including this segment of Variolite Street. The GPR data determined an average bituminous pavement thickness of 6.8 inches, and an average aggregate base thickness of 5.6 inches. The average pavement plus base section thickness was 12.4 inches, with a minimum section of 8.5 inches located 150 feet south of 171st Avenue. It should be noted that the GPR was not able to determine aggregate base depth for an 800 foot section of the road near 166th Avenue. A summary table and charts of the GPR Analysis are included in ***Appendix C***.

3.2 Subsurface Conditions

3.2. a Geotechnical Report

Northern Technologies Inc. (NTI) was employed to complete a Geotechnical Exploration Review for this project, which included a total of sixty one (61) soil borings. The soil borings were spaced

500-feet for the majority of the project, and at 100-feet for areas of higher concern, including areas with known groundwater issues and in areas with adjacent wetlands. The borings terminated at depths ranging from approximately 10.5 to 18.5 feet below the top of pavement. The locations of the borings are shown in the Soil Boring Location Map in NTI's report, included in ***Appendix D***.

The soil borings generally indicate the existing bituminous pavement thickness ranges from approximately 1.5 to 8.0 inches at the boring locations. Apparent aggregate base thickness ranges from approximately 3.0 to 24.0 inches.

Apparent previously placed fill soils generally consisting of poorly graded sand, poorly graded sand with silt, silty sand, and sandy lean clay were encountered to depths ranging from approximately 2.0 to 7.0 feet below the top of pavement. Organic materials and bituminous pieces were occasionally encountered within the fill materials. The apparent previously placed fill was not observed at Boring SB-38 and Boring SB-5 terminated in fill materials at a depth of approximately 10.5 feet below the top of pavement.

Native glacial deposit soils consisting of poorly graded sand to poorly graded sand with gravel, poorly graded sand with silt to poorly graded sand with silt with gravel, silt sand, and clayey sand were observed extending to the boring termination depths.

Swamp deposit soils were observed at Borings SB-23, SB-24, SB-35, SB-37, SB-39 through SB-44 and SB-46 through SB-49 consist of silty sand, poorly graded sand, poorly graded sand with silt, sandy silt, and peat. Organic contents of selected samples ranged from 2.1 to 53.7 percent with moisture contents ranging from 26 to 236 percent.

Groundwater was observed in 35 of the 57 boreholes at the time of drilling. The groundwater depths, which can fluctuate seasonally, ranged from approximately 2.5 to 11.5 feet below the top of pavement. The lack of observed groundwater in the remaining borings is likely due to the short duration for which the borehole remained open combined with the varying site elevations. Additionally the on-site silt laden soils have the potential to be impervious and conducive to the development of zones of perched water at varying elevations and locations across the project area.

3.2. b R-Value

NTI estimated that a properly prepared subgrade would have an average stabilometer R-value based on soil types as referenced below:

- Poorly graded sand (SP) – R-value of 50
- Poorly graded sand with silt (SP-SM) – R-value of 40
- Silty sand (SM) – R-value of 25

City Staff reviewed the boring logs within the Geotechnical Report, and calculated an average R-value of 36 for Variolite Street. This R-value directly affects the support of the pavement section,

and only the top 3 feet of subsoil was considered when calculating the average R-value. MSA projects require the use of MnPAVE, a pavement design software, which uses the R-value to determine the required section necessary to meet the MSA design standards.

3.3 Utilities

3.3. a Watermain

Sixteen-inch trunk watermain exists under Variolite Street between 157th Avenue and 159th Avenue, the south access to the Woodlands neighborhood. Eight-inch watermain crosses at 161st Avenue for future extension to the west. Sixteen-inch trunk watermain exists along Variolite Street in the east ditch between 163rd Avenue, the north access to the Sweet Bay Ridge neighborhood, and 166th Avenue where the line turns east and connects to the Brookfield neighborhood.

3.3. b Sanitary Sewer

Sanitary sewer crossings exist at 159th Avenue and 161st Avenue, for potential future expansion to the west of Variolite Street. A 24-inch sanitary sewer trunk gravity line crosses Variolite Street at 163rd Lane and runs southeast through the Sweet Bay Ridge neighborhood. From 163rd Lane, a 10-inch force main sanitary sewer line runs in the west ditch of Variolite Street to 166th Avenue. This force main conveys effluent from a lift station in the Brookfield neighborhood.

3.3. c Storm Sewer/Drainage

Stormwater runoff is conveyed within ditches along both sides of Variolite Street. Crossing culverts exist at the low points, taking water from the west side of the road to the east side, and eventually into storm ponds or wetlands. A 72-inch concrete culvert conveys water under Variolite Street from west to east at Trott Brook. Ten of the fourteen side streets have culverts within the Variolite Street right of way. These culverts are corrugated metal pipes varying in size between 15-inch and 18-inch. One set of concrete pipes and low profile catch basins exist at 163rd Avenue.

3.3. d Private Utilities

Staff has performed a Gopher One State Call to obtain as-built utility information for all private utility companies having service within the Variolite Street right of way. Additionally the Hakanson Anderson topographic survey included a design utility locate, and the locate markings were surveyed in the field and will be shown in the plans. Staff has not yet met with the telephone, gas, power and cable utilities regarding the project, but from as-builts it has been confirmed all are within the project area. During preparation of plans and specifications, Staff will meet with the private utility companies to discuss the proposed improvements as noted in the project schedule within this report. The alignment and footprint of the street will be considered to minimize impacts to private utilities. No impacts to power poles or street lights are anticipated with this project.

Should any utility company indicate they wish to upgrade, replace and/or otherwise modify their services during this project, any such upgrades, replacements and/or modifications will be at the sole discretion and cost of the utility company.

4. CONSIDERED IMPROVEMENTS

4.1 Project Area Selection

The City's 10-year Capital Improvement Program (CIP) calls for the reconstruction of Variolite Street between Alpine Drive and 173rd Avenue in 2020. The CIP does not include watermain or sanitary sewer improvements. However, the City's 2040 Comprehensive Plan calls for sanitary sewer and watermain improvements north of the existing utilities along Variolite Street. The scope of the proposed improvements is included in ***Appendix A***.

4.2 Street Improvements

Variolite Street is proposed to be reconstructed by matching existing widths and elevations between 163rd Lane and 173rd Avenue, with bituminous pavement and ditch sections to carry storm water runoff. Between Alpine Drive and 163rd Lane, Variolite Street is generally proposed to be reconstructed 6-feet narrower than existing, but generally matching existing elevations with bituminous pavement and ditch sections.

4.2. a Stabilized Full Depth Reclamation

To meet the required MSA design standards, several pavement sections were considered. Stabilized Full Depth Reclamation (SFDR) was determined to be the most cost-effective method of reconstruction. This process involves reclamation (grinding in-place) of the existing bituminous pavement plus a portion of the underlying aggregate base. Excess reclaimed material is then removed as needed so the new pavement will match into existing shoulders, driveways, and cross streets. Staff is proposing to stabilize the base 1 foot beyond the edges of drive lanes by adding liquid asphalt emulsion into the reclaim material, which is then mixed in, rolled and compacted. Once compacted, the SFDR can be opened up to traffic, and gains strength with the further compaction of vehicle traffic. This project proposes 6-inches of SFDR, with 4-inches of new bituminous pavement placed on top.

The City recently completed an SFDR project on Sunwood Drive between Ramsey Boulevard and Bunker Lake Boulevard. A concern with this process is that the moisture content of the stabilized base must meet a specific range before paving is allowed, therefore rain delays are a possibility. However, similar to the Sunwood Drive project, stabilizing the reclamation allows for a thinner overall pavement section, avoiding the need to excavate below the existing aggregate base to make costly subgrade corrections. Considering that Sunwood Drive was reconstructed in 2017 and is still exhibiting very little cracking, Staff is confident that the SFDR process will provide as long of a life for the new pavement section as a full reconstruction with subgrade corrections would, but at a significantly lower cost.

To maximize the existing reclamation volume re-used on site, the cross slope of the road is proposed to be increased from 2-percent to 3-percent, allowing the center profile of the street to be raised approximately 2-inches yet sill tie into existing shoulders, driveways and cross streets.

4.2. b Alternative Reconstruction Method

To meet the required 9-ton design strength, the SFDR method requires a 10-inch section including 4-inches of new bituminous over 6-inches of SFDR. Alternatively, this design strength can be achieved using a 14-inch section including 4-inches of new bituminous over 10-inches of class 5 aggregate base. However, the downsides of using the 14-inch section are that project costs are estimated to be 13-percent higher than the SFDR method since 6-inches of subgrade excavation would be required, and material would need to be hauled off-site. All of the reclaim material would also have to be stockpiled, and it is estimated an additional 5,800 CY of class 5 aggregate base would be required. Additionally, excavating below existing subgrade would result in more impacts to the existing ditches. For these reasons, Staff is recommending the SFDR method.

4.2. c Safety Improvements

4.2. c.1 Variolite Street and 161st Avenue Pedestrian Crossing

The City has received several requests in recent years to improve pedestrian safety at the intersection of Variolite Street and 161st Avenue, resulting in a review of pedestrian safety concerns at this intersection by the Public Works Committee on May 16, 2017. At that time, based on the geometrics of the site and the minimal amount of pedestrians crossing Variolite Street, improvements were not justified. It was recommended to take another look at this location when Variolite Street came up for reconstruction, and to consider possible roadway improvements to alleviate the geometric concerns of the site.

As part of this feasibility study, Staff conducted a pedestrian crossing study at the aforementioned intersection. This study was completed following both MnDOT and FHWA safety guidelines as well as the Highway Capacity Manual Level of Service Analysis at Uncontrolled Crossing Locations. As in 2017, the recommendations of all these sources is to not improve the site with marked crossing or signage alone, but to perform traffic calming of the road corridor. Staff has determined the most effective method of traffic calming is to reduce vehicle speeds to 40 mph by constraining lane and shoulder widths to meet MSA standards for a 40 mph rural road, in addition to adding a concrete pedestrian refuge island at 161st Avenue. A figure of the proposed pedestrian crosswalk improvements is included in ***Appendix A***.

Staff therefore proposes to reduce drive lane widths to 11-feet, and shoulder widths to 6-feet, south of 163rd Lane to meet MSA design standards for a 40 mph rural road. The installation of a concrete pedestrian refuge island on the north leg of Variolite Street at 161st Avenue will allow pedestrians to focus on one lane of traffic, safely cross that lane, then wait within the raised median island until an acceptable gap is available to safely finish crossing the next lane of traffic. An additional benefit is the shortened crossing times. ADA compliant pedestrian landings are proposed for all crosswalks at this intersection. Staff met with MnDOT State Aid Staff to discuss the City's proposed design. State Aid Staff agreed that a raised concrete pedestrian refuge island likely provided the greatest safety benefit, but suggested considering mini-roundabouts instead. Staff explored the mini-roundabout option, but due to right-of-way constraints, this option is not considered feasible at this time.

Regarding crosswalk signing, State Aid Staff recommended not installing Rapid Rectangular Flashing Beacons (RRFB's) if the speed limit remains at 50 mph as they have not had positive results on roads posted with high speeds, which is considered 45 mph or greater. If the speed limit is reduced to 40 mph, RRFB's would be considered acceptable, as long as advance warning signs are included. Standard pedestrian crossing signs (no lights), including advance warning signs, would also be considered an allowable option by State Aid. Interactive speed limit display signs, similar to the Sunwood Drive signs near City Hall, were discussed as a potential use to help deter speeding through the intersection of Variolite Street and 161st Avenue.

4.2. c.2 Traffic Calming

To make the pedestrian crossing most effective, and to address general concerns over existing travel speeds along Variolite Street, Staff looked at options for traffic calming. Options looked at, but not found feasible, were center medians including raised concrete, raised and landscaped, lowered with a center ditch, and stripped. Industry consensus is vertical elements and tighter "feeling" streets are effective at reducing speeds. Staff is therefore proposing to reduce the width of the drive lanes and parking lanes to meet the minimum requirements of State Aid for a 40 mph rural road south of 163rd Lane. The drive lanes will be reduced from 12-feet to 11-feet, and shoulders will be reduced from 8-feet to 6-feet. If off-street paths are available, the shoulder could include 2-feet of pavement next to the drive lane, and aggregate for the remaining 4-feet, to make the street feel even tighter. However, due to right of way constraints and costs this was not found feasible. The shoulder must therefore continue to serve as a bike lane.

Ramsey Police Department Staff approve of reducing the speed limit south of 163rd Lane to 40 mph. However, to effectively enforce speeds along the corridor they requested that bump-outs be provided mid-block on both sides of Variolite Street, one set on either side of 161st Avenue, to allow police vehicles to safely park outside the shoulder and turn around as needed.

4.2. d Trails & Sidewalks

Off-road bituminous trail exists from 159th Avenue to one-half block past 163rd Avenue where it terminates. This project proposes to remove the one-half block section of terminated trail, as there is no future route or plan in place for this trail to continue north. Due to the proposed pedestrian refuge island at 161st Avenue, the intersection at 161st will be widened, and a section of trail will need to be replaced. All trail street crossings are proposed to be upgraded with ADA compliant concrete pedestrian landings.

4.2. e Other Considerations

Driveways: Existing driveway aprons may need to be reconstructed to varying degrees. The limits of construction will vary with each driveway apron based on the elevation of the street abutting the driveway and the driveway pavement type. During design, Staff will evaluate the construction limits for each driveway and will incorporate this into the plans, but as with all street reconstruction projects, the exact limits of construction will be determined in the field during

construction. Right-of-entry forms will be obtained from private property owners if work is required outside City right-of-ways and easements.

Irrigation Systems: Developed properties along the project corridor may have private irrigation systems. Staff will notify property owners of pending construction as far in advance as practical to allow them time to move their irrigation systems out of harm's way before work begins.

Parking Restrictions: Parking is currently provided along both sides of the streets and is not currently restricted except for overnight parking per City code. During this project, parking will be restricted during allowable working hours.

Protected Turn Lanes: Protected turn lanes were considered at 161st Avenue and at Alpine Drive. At 161st Avenue, the pavement is proposed to be widened to accommodate a pedestrian refuge island. This reduces available right of way for a southbound right turn lane. Furthermore, adding a southbound right turn lane would increase the crossing distance for pedestrians, reducing the benefits of the pedestrian crosswalk improvements. Since the majority of traffic traveling to Central Park, located west of Variolite Street on 161st Avenue, comes from the south, a northbound left turn lane may be warranted and will be explored during final design. Staff feels a northbound left turn lane at 161st Avenue would improve safety, especially for pedestrians, by removing the chance for drivers to use the shoulder to pass vehicles waiting to turn left from the through lane. At Alpine Drive, turn lanes are not proposed to be explored during final design considering the stop condition for Alpine Drive and the low traffic volumes on Alpine Drive and Variolite Street. There is simply not enough vehicle queuing to justify southbound right and/or left turn lanes.

4.3 Stormwater

No stormwater retention and/or treatment improvements will be required as a result of this project. This project proposes to replace side street culverts on 8 of the 10 streets which currently have culverts due to the age and conditions of the existing culverts. The 72-inch Trott Brook culvert is full of water and cannot be inspected but is in good condition and is not proposed to be replaced.

4.4 Watermain Improvements

This project proposes to extend 12-inch watermain from the end of the existing 16-inch watermain at 166th Avenue north to 173rd Avenue as identified in the 2040 Comprehensive Plan. This will allow looping of trunk watermain, and will support future development north of Trott Brook.

4.5 Sanitary Sewer Improvements

This project proposes to replace the existing force main sanitary sewer from 163rd Avenue to 166th Avenue with 21-inch gravity sanitary sewer as identified in the 2040 Comprehensive Plan. This will provide greater flexibility for future development to the north and west, and will reduce head loss due to friction in the pipe thereby increasing the capacity of the sewer system downstream of the sanitary sewer lift station currently serving the Brookfield development and the new elementary school. Other areas to the north and east could potentially be served by this lift station

in the future, but this would require an analysis of the reserve capacity of the lift station needed to accommodate the additional flows.

4.6 Right-of-Way/Easements

Staff has anticipated additional easement will be required at the NW corner of Variolite Street and 161st Avenue to accommodate the pedestrian crossing improvements. Staff has reached out and is working with that property owner. It is anticipated that all other improvements will occur within existing City right-of-ways and/or easement, with the exception of tying into private driveways. Therefore, potential costs for any right-of-ways or easements are not included in the probable project costs.

Rights of entries from individual property owners may need to be obtained prior to construction commencing for grading, driveway removals and paving, utility construction, and restoration activities.

4.7 Permits

Permits that are anticipated to be required as part of the proposed improvements include:

- MPCA General Stormwater Permit (NPDES) — Grading and Stormwater
- MPCA / Met Council — Sanitary Sewer Extension
- MDH — Watermain Extension
- MN DNR — Dewatering

4.8 Minnesota State Aid Submittals

Variolite Street is a Municipal State Aid (MSA) street so the City receives MSA funds for the reconstruction and maintenance of this street. Variolite Street must therefore be designed and constructed to State Aid standards, which requires various submittals throughout the project process, including:

- Request for State Aid Project Number
- Plan Submittal for MSAS Review, including;
    - Plan Review Checklist – State Aid Only – No Bridge
    - Engineer's Estimate
    - Special Provisions
    - ESAL Calculator (Equivalent Single Axel Loads)
    - Pavement Design (MnPAVE Flexible Design Guidance)
    - Drainage Design
- Lab Testing and Inspection Services Request
- Payment Request Form
    - Release of state aid funds – 95 percent of the accepted bid price upon approval of payment request and required documentation
- Final inspection/acceptance of completed work
    - Site visit by state aid official.

5. FINANCING

5.1 Opinion of Probable Costs

A detailed opinion of probable costs for the proposed improvements can be found in ***Appendix B***. The opinion of probable costs incorporates anticipated 2020 construction costs for the proposed improvements with 10-percent contingency costs, plus 23-percent indirect costs for administrative, engineering, financing and legal costs.

5.1. a Estimated Project Costs

Street Improvements	$ 2,820,000
Storm Sewer Improvements	$ 65,000
Sanitary Sewer Improvements	$ 650,000
Watermain Improvements	$ 800,000
Total Project Cost	**$ 4,335,000**

5.1. b Incurred Engineering Costs

City Staff prepared the Feasibility Report in-house as part of Staff's normal duties.

Northern Technologies Inc. prepared the Geotechnical Exploration and Engineering Review, included in ***Appendix D***, at a cost of $29,750.00.

Hakanson Anderson prepared the topographic survey and roadway easement exhibit, at a cost of $13,650.00.

WSB performed the pavement forensic report, included in ***Appendix D***, at a cost of $1,283.00.

Braun Intertec performed the drain tile design report, included in ***Appendix D***, at a cost of $2,140.00.

5.2 Funding

5.2. a Assessments

At the September 17, 2019 Public Works Committee meeting, it was approved to move forward with this project without the use of special assessments. Variolite Street has only 13 direct accesses, and assessments on 13 properties would not recover the costs associated with the assessment process. The September 17, 2019 Public Works Committee meeting report was accepted at the October 8, 2019 City Council meeting.

5.2. b City Contribution

The City contribution to the project will include the full project amount. No funds were budgeted for this project.

The City's contribution for project costs related to surface (street) improvements is using Municipal State Aid Funds. Water, Sewer and Stormwater Funds would be utilized strictly for these improvements. Proposed funding amounts are provided below:

Municipal State Aid Funds	$ 2,820,000
Stormwater Fund	$ 65,000
Sewer Fund	$ 650,000
Water Fund	$ 800,000
Total City Funding	**$ 4,335,000**

6. SCHEDULE

The proposed project schedule is as follows:

Council Orders Feasibility Report	December 10, 2019
Council Accepts Feasibility Report/Authorizes Plans and Specifications	April 14, 2020
Staff Conducts Private Utility Coordination Meeting	May 2020
Council Approves Plans and Specifications/Authorizes Ad for Bids	May 12, 2020
Staff Receives Bids	June 5, 2020
Council Awards Contract	June 9, 2020
Contractor Begins Construction	June 22, 2020
Contractor Substantially Completes Construction	November 2020
Contractor Completes Construction	July 2021

7. CONCLUSIONS AND RECOMMENDATIONS

City of Ramsey Improvement Project No. 20-01 proposes to reconstruct the bituminous pavement section using the Stabilized Full Depth Reclamation method, replace trunk sanitary sewer, extend trunk watermain, and complete miscellaneous appurtenant work on Variolite Street between Alpine Drive and 173rd Avenue.

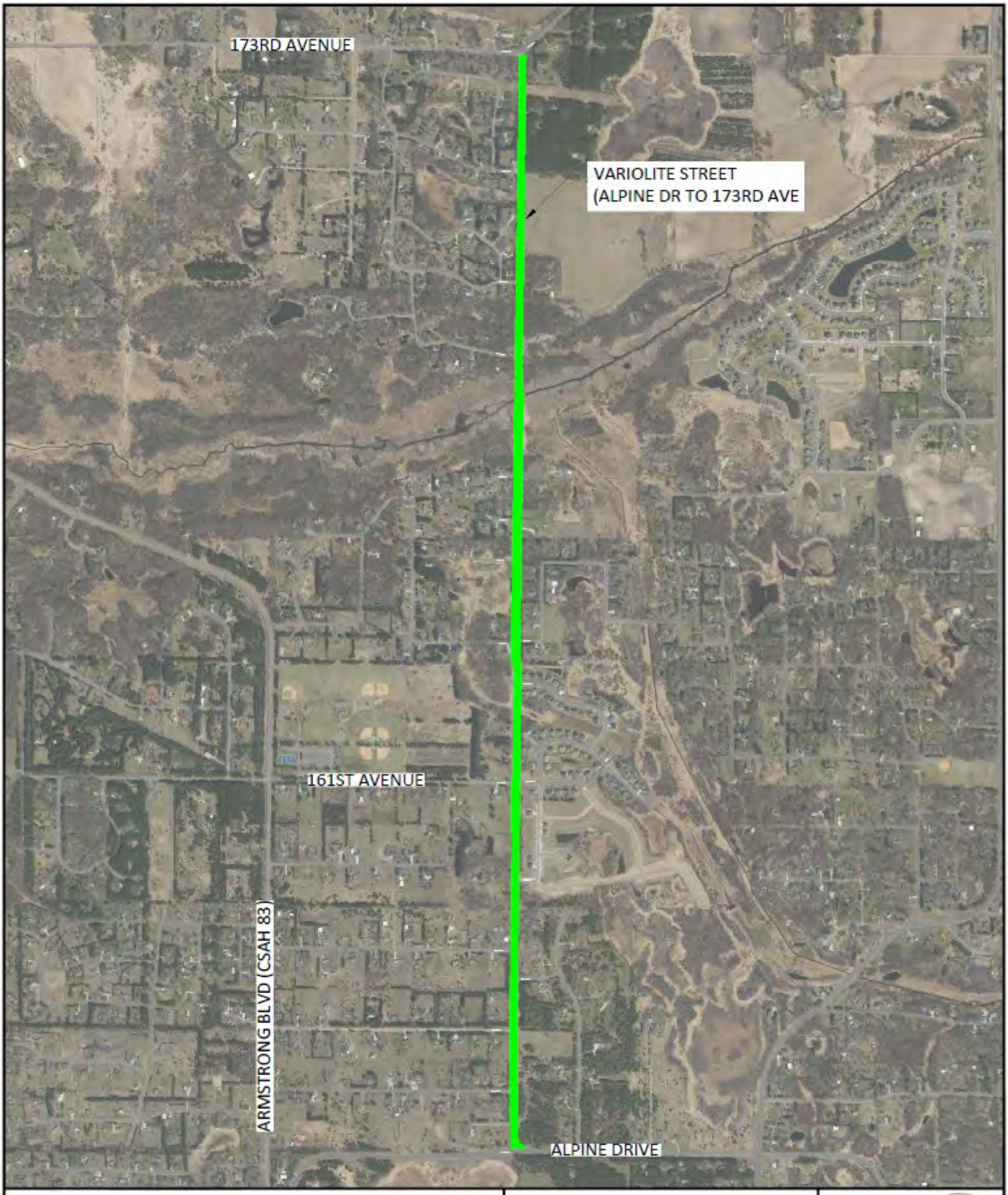
It is the recommendation of City Staff that City Project No. 20-01 is feasible, necessary, and cost-effective from an engineering standpoint, and this project would best be constructed as a stand-alone project as proposed herein.

The following Staff recommendations related to the proposed project are presented for Council consideration and concurrence:

- Staff recommends reconstructing the bituminous pavement section using the Stabilized Full Depth Reclamation method in compliance with MSA design guidelines including 6-inches stabilized full depth reclamation, 2-inches new bituminous base course, and 2-inches new bituminous wear course.
- Staff recommends installing a concrete pedestrian refuge island at the intersection of Variolite Street and 161st Avenue, with advanced pedestrian crossing signs, and ADA compliant pedestrian landings.
- Staff recommends reducing the width of Variolite Street from 40-feet (existing) to 34-feet and posting a 40 mph speed limit between Alpine Drive and 163rd Avenue to promote traffic calming in conjunction with the 161st Avenue pedestrian crosswalk improvements.
- Staff recommends replacing the existing force main trunk sanitary sewer with gravity trunk sanitary sewer between 163rd Avenue and 166th Avenue, and extending trunk watermain from 166th Avenue to 173rd Avenue as recommended in the 2040 Comprehensive Plan.

APPENDIX A

Project Scope
Typical Sections
Project Site Pictures
161st Avenue Pedestrian Crosswalk Improvements



20-01 VARIOLITE STREET RECONSTRUCTION PROJECT SCOPE

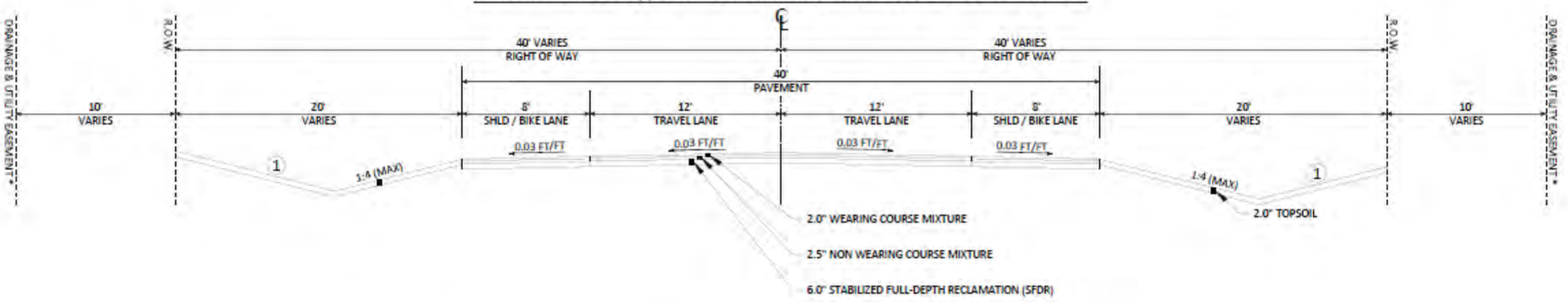
0 1/4 1/2 3/4

SCALE (MILES)

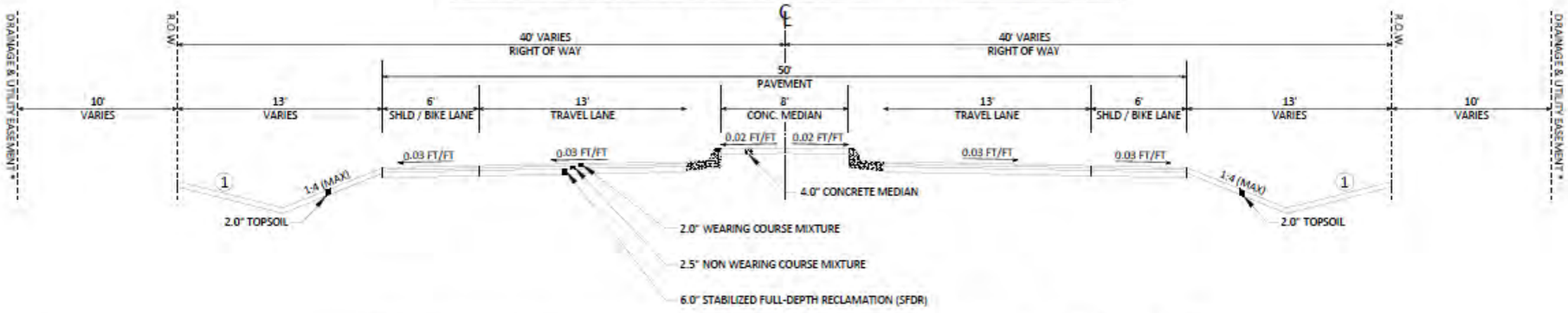
N

City of RAMSEY

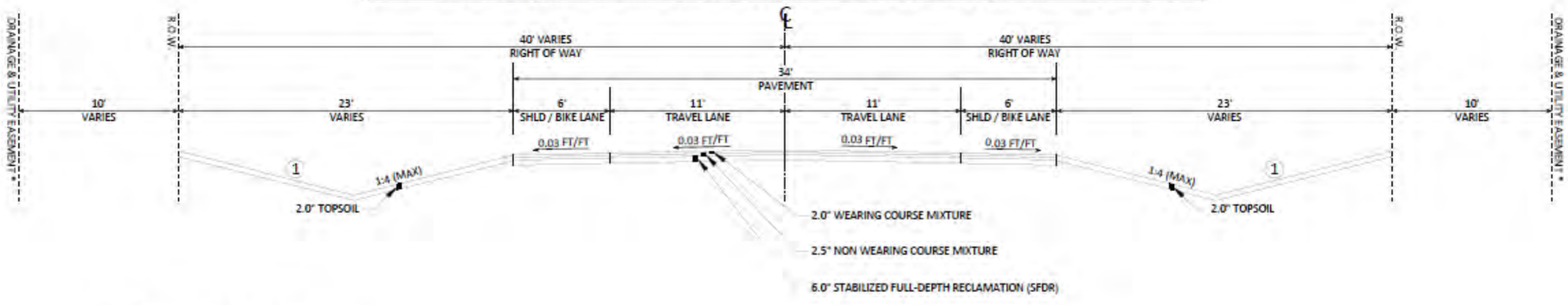
Variolite Street Typical Section Full Width: Sta. 54+60 to 118+74



Variolite Street Typical Section Concrete Median: Sta. 40+17 to 40+44



Variolite Street Typical Section Narrow Width: Sta. 0+16 to 40+17; Sta. 40+44 to 54+60



REFERENCE NOTES:

(1) GRADE TO MATCH EXISTING GROUND. ESTABLISH TURF USING A MINIMUM OF 2" TOPSOIL AND HYDROSEED WITH MNDOT SEED MIXTURE 25-151.

* SEVERAL STRETCHES OF VARIOLITE STREET HAVE UN-PLATTED LOTS ADJACENT TO THE ROADWAY, WHICH DO NOT INCLUDE DRAINAGE & UTILITY EASEMENTS.
RIGHT-OF-WAY DISTANCE FROM THE GENERAL CENTERLINE OF VARIOLITE STREET VARIES BY SUBDIVISION, THERE ARE 13 SUBDIVISIONS & 5 UN-PLATTED SEGMENTS ALONG VARIOLITE STREET.

DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date: XX/XX/XX Lic. No. 57095

DESIGNED BY:	JJF	
DRAWN BY:	JJF	DATE: XX/XX/XX
CHECKED BY:	BRW	FILE: 20-01

CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

TYPICAL SECTIONS

S.A.P. 199-101-012

VARIOLITE STREET RECONSTRUCTION
CITY PROJECT NO. 20-01
CITY OF RAMSEY, MINNESOTA

SHEET --- OF --- SHEETS

Project Site Pictures
Taken November, 2019



P1: Variolite north of Alpine Dr. – facing north



P2: Variolite south of 159th Ave – facing north



P3: Variolite south of 161st Ave – facing south



P4: Variolite north of 161st Ave – facing north



P5: Variolite south of 163rd Ave – facing north



P6: Variolite north of 166th Ave – facing south



P7: Variolite south of Trott Brook – facing north



P8: Trott Brook Culvert End



P9: Variolite north of 168th (Patch area) – facing north



P10: Variolite south of 173rd Ave – facing north

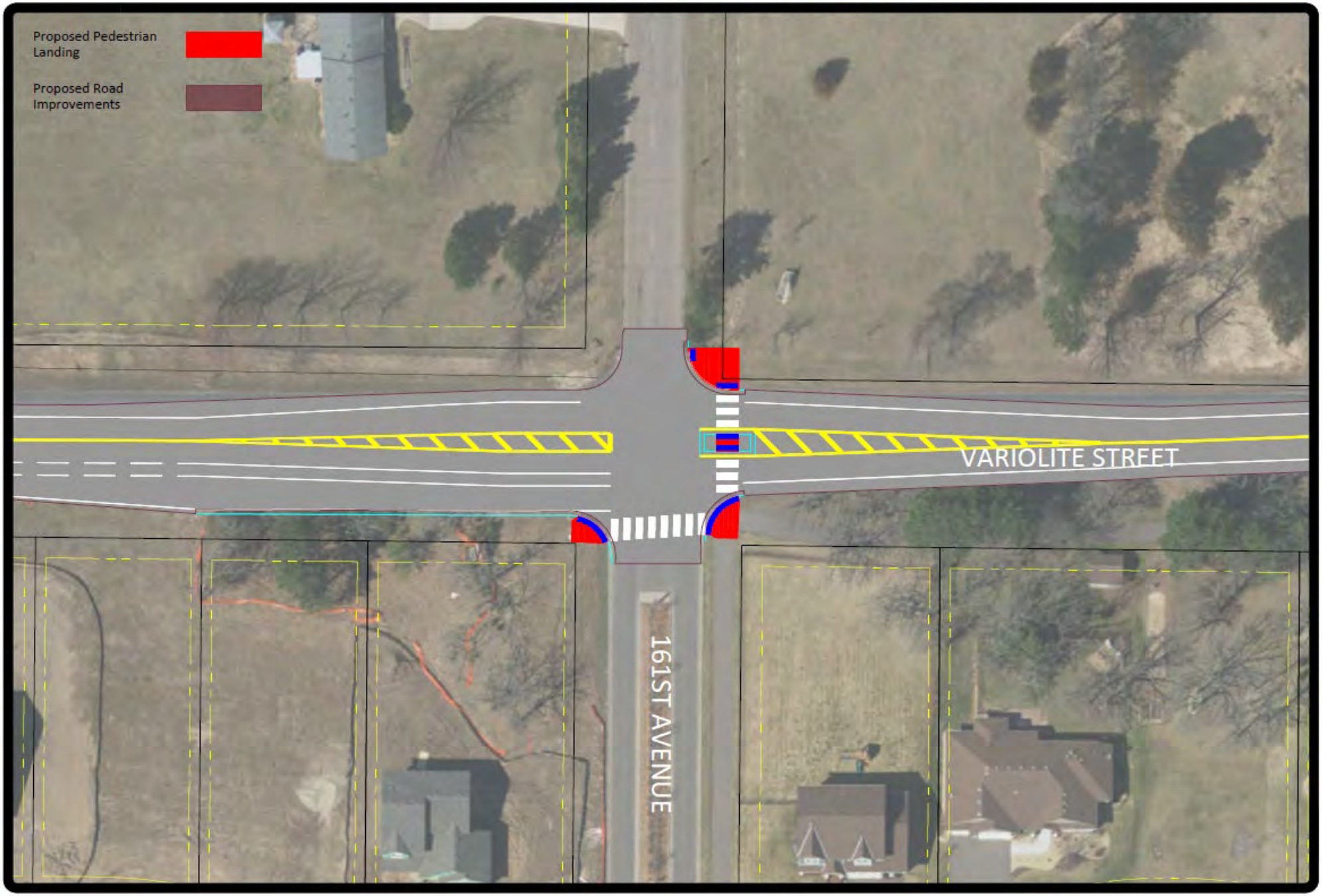


P11: Variolite south of 173rd Ave – facing south

VARIOLITE STREET & 161ST AVENUE PEDESTRIAN CROSSING UPDATES

0 30 60 90
SCALE (FEET)

City of RAMSEY



APPENDIX B

Opinion of Probable Costs

20-01 Variolite Street Reconstruction: Preliminary Engineer's Estimate

Street Improvements

Item No.	MnDOT No.	Item Description	Unit	Quantity	Price	Extension
1	2021.501	Mobilization (5%)	LS	1	$ 99,000.00	$ 99,000.00
2	2101.502	Clearing Tree	TREE	4	$ 500.00	$ 2,000.00
3	2101.507	Grubbing Tree	TREE	4	$ 500.00	$ 2,000.00
4	2104.501	Remove Pipe Culverts	LF	470	$ 15.00	$ 7,050.00
5	2104.502	Remove Manhole (Sanitary)	EA	2	$ 2.000.00	$ 4,000.00
6	2104.503	Remove Concrete Pavement – Driveway	SF	250	$ 1.25	$ 312.50
7	2104.503	Remove Pipe (Sanitary)	LF	33	$ 20.00	$ 660.00
8	2104.505	Remove Bituminous Pavement – Driveway	SY	110	$ 5.00	$ 550.00
9	2104.505	Remove Bituminous Pavement – Bituminous Trail	SY	600	$ 5.00	$ 3,000.00
10	2104.505	Remove Gravel Pavement – Driveway	SY	210	$ 4.50	$ 945.00
12	2104.511	Sawing Concrete Pavement – Full Depth	LF	40	$ 5.00	$ 200.00
13	2104.513	Sawing Bituminous Pavement – Full Depth	LF	800	$ 3.00	$ 2,400.00
14	2104.523	Salvage Mail Box Support	EA	12	$ 150.00	$ 1,800.00
15	2104.523	Temporary Mail Box Cluster	EA	4	$ 400.00	$ 1,600.00
16	2105.501	Common Excavation (EV)	CY	1,650	$ 15.00	$ 24,750.00
19	2112.501	Subgrade Preparation	RDST	119	$ 300.00	$ 35,700.00
20	2118.502	Aggregate Surfacing, Class V Modified (LV) – Driveways	CY	30	$ 50.00	$ 1,500.00
21	2130.501	Water	MGAL	400	$ 50.00	$ 20,000.00
22	2211.503	Aggregate Base Class V Modified (CV) (Recycled FDR Acceptable)	CY	3,120	$ 20.00	$ 62,400.00
23	2215.501	Stabilized Full Depth Reclamation	SY	38,352	$ 2.75	$ 105,468.00
24	2215.501	Bituminous Pavement Reclamation – Full Depth	SY	18,846	$ 1.25	$ 23,557.50
25	2232.501	Mill Bituminous Pavement	SY	160	$ 10.00	$ 1,600.00
26	2331.607	Haul Bit Pavement Reclamation (LV)	CY	1,600	$ 12.00	$ 19,200.00
27	2331.609	Bituminous Material for Mixture (Assume 4%)	TON	500	$ 600.00	$ 300,000.00
28	2357.502	Bituminous Material for Tack Coat	GAL	3,733	$ 3.75	$ 13,998.75
29	2360.501	Type SP 9.5 Wearing Course Mixture (SPWEA340C) (2.0")	TON	6,160	$ 90.00	$ 554,400.00
30	2360.501	Type SP 9.5 Wearing Course Mixture (SPWEA340C) (2.0") Driveways	TON	15	$ 150.00	$ 2,250.00
31	2360.501	Type SP 9.5 Wearing Course Mixture (SPWEA340C) (2.5") 10' Bituminous Trail	TON	45	$ 120.00	$ 5,400.00
32	2360.502	Type 12.5 Non Wearing Course Mixture (SPNWB330C) (2.0")	TON	6,450	$ 85.00	$ 548,250.00
33	2411.604	Modular Block Retaining Wall	SY	30	$ 150.00	$ 4,500.00
57	2521.501	6" Concrete Walk	SF	1,331	$ 16.00	$ 21,296.00
58	2531.501	Concrete Curb & Gutter Design B418	LF	550	$ 30.00	$ 16,500.00
59	2531.507	6" Concrete Driveway Pavement	SF	250	$ 13.50	$ 3,375.00
60	2531.607	Concrete Bullnose	SF	37	$ 10.00	$ 370.00
62	2531.618	Truncated Domes	SF	208	$ 50.00	$ 10,400.00
63	2540.601	Landscape Restoration	LS	1	$ 10,000.00	$ 10,000.00
64	2540.602	Install Mail Box Support	EA	12	$ 75.00	$ 900.00
65	2563.601	Traffic Control	LS	1	$ 20,000.00	$ 20,000.00
66	2573.502	Silt Fence, Type MS	LF	13,000	$ 2.50	$ 32,500.00
67	2573.530	Storm Drain Inlet Protection	EA	5	$ 200.00	$ 1,000.00
68	2573.533	Sediment Control Log Type Straw	LF	2,600	$ 3.00	$ 7,800.00
69	2574.508	Fertilizer Type 3	LBS	500	$ 1.25	$ 625.00
70	2574.525	Topsoil (LV)	CY	1,650	$ 30.00	$ 49,500.00
71	2575.501	Hydroseeding	ACRE	4.88	$ 5,000.00	$ 24,400.00
72	2575.502	Seed Mixture 25-151	LBS	600	$ 3.50	$ 2,100.00
73	2575.505	Sodding Type Lawn	SY	100	$ 7.00	$ 700.00
74	2575.562	Hydraulic Matrix Type Mulch	LBS	10,000	$ 1.00	$ 10,000.00
75	2582.502	24" Solid Line Yellow – Epoxy	LF	200	$ 10.00	$ 2,000.00
76	2582.502	4" Double Solid Line Yellow – Epoxy	LF	4,170	$ 0.75	$ 3,127.50
77	2582.502	4" Solid Line White – Epoxy	LF	24,025	$ 0.50	$ 12,012.50
78	2582.502	4" Broken Line Yellow – Epoxy	LF	1,600	$ 0.50	$ 800.00
79	2582.502	4" Broken Line White – Epoxy	LF	300	$ 0.50	$ 150.00
80	2582.503	Crosswalk Markings – Epoxy	SF	534	$ 8.00	$ 4,272.00
81	2582.602	PAVT MSSG (RT Arrow) – Epoxy	EA	6	$ 150.00	$ 900.00
82	2582.602	PAVT Marking (Handicap Symbol) – Epoxy	EA	1	$ 200.00	$ 200.00
					20-01 Street Improvements Construction Costs	*$ 2,083,419.75*
					10% Contingency Costs	*$ 208,341.98*
					23% Indirect Costs	*$ 527,105.20*
					20-01 Street Improvements Project Costs	*$ 2,818,866.92*

Storm Sewer Improvements

Item No.	MnDOT No.	Item Description	Unit	Quantity	Price	Extension
1	2021.501	Mobilization (5%)	LS	1	$ 2,000.00	$ 2,000.00
34	2501.511	18” CS Pipe Culvert	LF	458	$ 50.00	$ 22,900.00
35	2501.515	18” CS Pipe Apron	EA	18	$ 650.00	$ 11,700.00
36	2502.502	4” Precast Concrete Headwall	EA	4	$ 250.00	$ 1,000.00
37	2502.541	4” Perf. Pipe Drain	LF	440	$ 15.00	$ 6,600.00
56	2506.602	Reset Catch Basin Casting	EA	3	$ 1,000.00	$ 3,000.00
61	2531.604	Concrete Spillway	SF	33	$ 10.00	$ 330.00
					20-01 Storm Sewer Construction Costs	*$ 47,530.00*
					10% Contingency Costs	*$ 4,753.00*
					23% Indirect Costs	*$ 12,025.09*
					20-01 Storm Sewer Project Costs	*$ 64,308.09*

Shared Watermain & Sanitary Sewer Utility Installation

Item No.	MnDOT No.	Item Description	Unit	Quantity	Price	Extension
1	2021.501	Mobilization (5%)	LS	1	$ 17,000.00	$ 17,000.00
11	2104.507	Subgrade Excavation, Remove Unsuitable Material (EV)	CY	7,800	$ 12.00	$ 93,600.00
17	2105.522	Select Granular Borrow (CV)	CY	9,125	$ 15.00	$ 136,875.00
18	2105.601	Dewatering	LS	1	$ 100,000.00	$ 100,000.00
					20-01 Shared Watermain & Sanitary Sewer Utility Installation Construction Costs	*$ 347,475.00*
					10% Contingency Costs	*$ 34,747.50*
					23% Indirect Costs	*$ 87,911.18*
					20-01 Shared Watermain & Sanitary Sewer Utility Installation Project Costs	*$ 470,133.68*

Sanitary Sewer

Item No.	MnDOT No.	Item Description	Unit	Quantity	Price	Extension
1	2021.501	Mobilization (5%)	LS	1	$ 15,000.00	$ 15,000.00
38	2503.511	21” PVC Pipe Sewer (SDR 26)	LF	2,270	$ 75.00	$ 170,250.00
39	2503.602	Connect to Existing Sanitary Sewer	EA	2	$ 2,500.00	$ 5,000.00
40	2503.603	Clean and Video Tape Pipe Sewer (Sanitary)	LF	2,270	$ 1.50	$ 3,405.00
41	2503.603	Plug Fill and Abandon Pipe Sewer (Sanitary Force Main)	LF	2,275	$ 35.00	$ 79,625.00
53	2506.501	Construct Sanitary Structure Design 48-4007	LF	122.2	$ 200.00	$ 24,440.00
54	2506.516	Furnish & Install Casting Assembly (Sanitary)	EA	7	$ 750.00	$ 5,250.00
55	2506.521	Adjust Frame and Ring Casting	EA	9	$ 250.00	$ 2,250.00
					20-01 Sanitary Sewer Construction Costs	*$ 305,220.00*
					10% Contingency Costs	*$ 30,522.00*
					23% Indirect Costs	*$ 77,220.66*
					20-01 Sanitary Sewer Project Costs	*$ 412,962.66*

Watermain

Item No.	MnDOT No.	Item Description	Unit	Quantity	Price	Extension
1	2021.501	Mobilization (5%)	LS	1	$ 20,000.00	$ 20,000.00
42	2504.602	Adjust Valve Box	EA	24	$ 250.00	$ 6,000.00
43	2504.602	Furnish & Install Hydrant	EA	6	$ 4,000.00	$ 24,000.00
44	2504.602	6” Gate Valve & Box	EA	5	$ 2,000.00	$ 10,000.00
45	2504.602	8” Gate Valve & Box	EA	1	$ 4,000.00	$ 4,000.00
46	2504.602	12” Gate Valve & Box	EA	8	$ 5,000.00	$ 40,000.00
47	2504.602	Connect to Existing Watermain	EA	1	$ 2,000.00	$ 2,000.00
48	2504.603	6” Watermain Ductile Iron Class 53	LF	100	$ 50.00	$ 5,000.00
49	2504.603	8” Watermain Ductile Iron Class 52	LF	20	$ 55.00	$ 1,100.00
50	2504.603	12” Watermain Ductile Iron Class 52	LF	4,577	$ 60.00	$ 274,620.00
51	2504.603	20” Steel Casing (Directional Drill)	LF	100	$ 200.00	$ 20,000.00
52	2504.608	Ductile Iron Fittings	LBS	1,280	$ 10.00	$ 12,800.00
					20-01 Watermain Construction Costs	*$ 419,520.00*
					10% Contingency Costs	*$ 41,952.00*
					23% Indirect Costs	*$ 106,138.56*
					20-01 Watermain Project Costs	*$ 567,610.56*

20-01 Variolite Street Preliminary Estimate Summary

Street Improvements	*Construction Costs*	*$ 2,083,419.75*
	Project Costs	*$ 2,818,866.92*
Storm Sewer Improvements	*Construction Costs*	*$ 47,530.00*
	Project Costs	*$ 64,308.09*
Sanitary Sewer Improvements	*Construction Costs*	*$ 478,957.50*
	Project Costs	*$ 648,029.50*
Watermain Improvements	*Construction Costs*	*$ 593,257.50*
	Project Costs	*$ 802,677.40*
Project Total	**Construction Costs**	**$ 3,203,167.75**
	Project Costs	**$ 4,333,881.91**

APPENDIX C

Street Segment Summary
Ground Penetrating Radar Summary

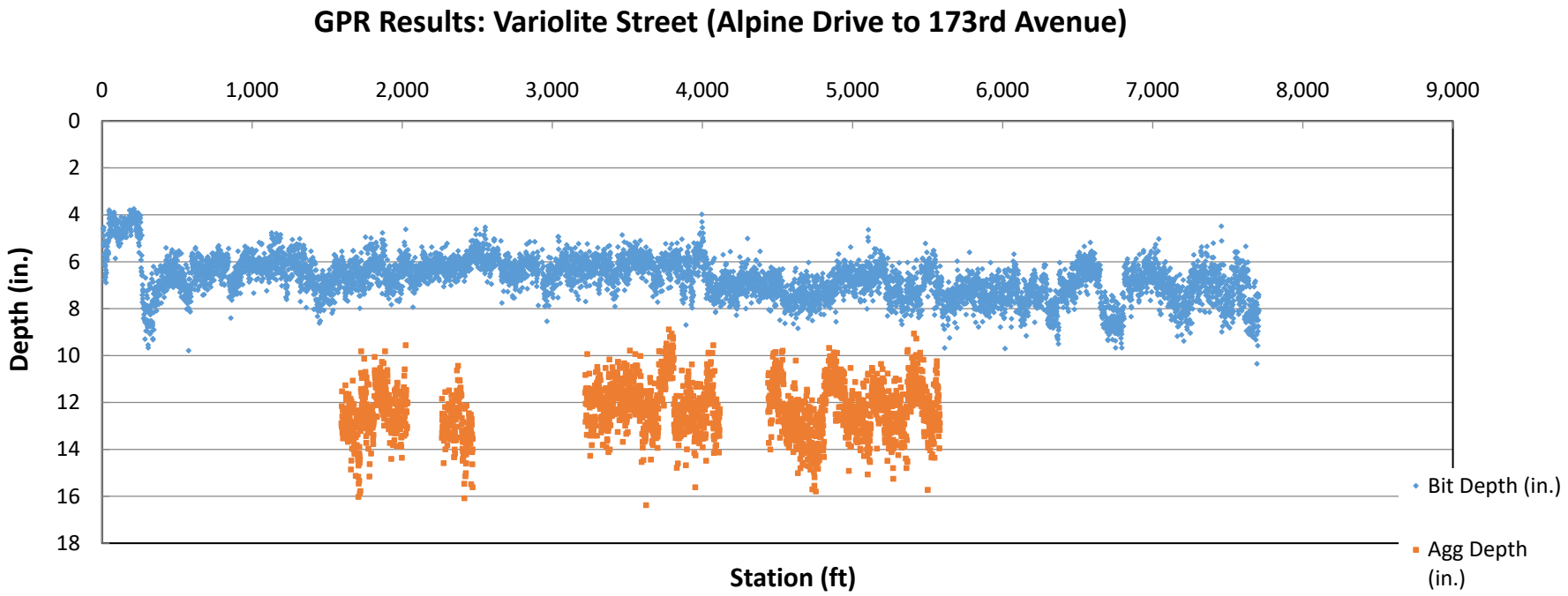
20-01 Variolite Street (Alpine Drive to 173rd Avenue)

Street Segment Summary

Street	Segment Description	Length (miles)	Width	Curb	2018 PASER Rating	Year Built	Maint. 1	Maint. 2	Maint. 3
Variolite Street	Alpine Drive to 161st Avenue	3,993	40	n/a	4	1983	SC 1 1988	OL 1998	SC 2 2008
Variolite Street	161st Ave to 458 feet South of 166th Ave	2,969	40	n/a	4	1981	SC 1 1988	OL 1998	SC 2 2008
Variolite Street	458 feet South of 166th Ave to 302 feet North of 166th Ave	760	40	n/a	4	1981	SC 1 1988	OL 1998	SC 2 2008
Variolite Street	302 feet North of 166th Ave to 173rd Ave	4,312	40	n/a	4	1981	SC 1 1988	OL 1998	SC 2 2008
Total Project Length		*12,034*	*2.28 miles*						

20-01 Variolite Street (Alpine Drive to 173rd Avenue)
Ground Penetrating Radar (GPR) Summary

		Pavement (inches)			Aggregate (inches)			Section (inches)		
Street	**Segment Description**	**Min**	**Max**	**Average**	**Min**	**Max**	**Average**	**Average**	**Min**	**Location**
Variolite Street	Alpine Drive to 161st Avenue	3.8	9.8	6.3	3.1	9.6	6.0	12.3	8.9	
Variolite Street	161st Ave to 458 feet South of 166th Ave	4.0	9.7	7.1	2.6	9.1	5.4	12.5	9.1	
Variolite Street	458 feet South of 166th Ave to 302 feet North of 166th Ave	4.5	9.7	7.2	*	*	*	*	*	*
Variolite Street	302 feet North of 166th Ave to 173rd Ave	4.3	12.9	7.1	2.3	9.3	5.4	12.5	8.5	150 ft. S. of 171st Ave
* *GPR Data for aggregate base not available*										
	Project Summary	**3.8**	**12.9**	**6.8**	**2.3**	**9.6**	**5.6**	**12.4**	**8.5**	**150 ft. S. of 171st Ave**



APPENDIX D

Geotechnical Report (NTI)
Drain Tile Design Recommendations (Braun)
Forensics Report (WSB)

NTI
NORTHERN TECHNOLOGIES, LLC
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651.389.4191 F: 651.389.4190
www.NTIgeo.com

Unearthing confidence™

October 11, 2019

City of Ramsey
Attention: Mr. Joe Feriancek
7550 Sunwood Drive Northwest
Ramsey, Minnesota 55303

Subject: Geotechnical Exploration and Engineering Review
20-01 Variolite Street Reconstruction
Ramsey, Minnesota
NTI Project No. 19.MSP09109.000

Northern Technologies, LLC (NTI) has completed a total of sixty-one (61) soil borings for the project area located in the city of Ramsey, Minnesota. The project includes the reconstruction of approximately 2.25 miles of roadway along Variolite Street Northwest and 161st Avenue Northwest. Our services were performed in accordance with our proposal dated August 19, 2019.

Soil samples obtained at the site will be held for 60 days at which time they will be discarded. Please advise us in writing if you wish to have us retain them for a longer period. You will be assessed an additional fee if soil samples are retained beyond 60 days.

We appreciate the opportunity to have been of service on this project. If there are any questions regarding the soils explored or our review and recommendations, please contact us at your convenience at (651) 389-4191.

Northern Technologies, LLC

Debra A. Schroeder, P.E.
Senior Engineer

Richard S. Jett, E.I.T.
Staff Engineer

DAS/rsj

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a Duly Licensed Professional Engineer under the Laws of the State of Minnesota.

Debra A. Schroeder
Date: 10/11/2019 Reg. No. 52743

SCOPE OF SERVICES

Sixty-one (61) borings were performed for the project. The scope of services included determining existing bituminous and aggregate base thicknesses, groundwater levels, subsurface conditions, and providing recommendations for site preparation, excavations, engineered fill and compaction, depths of unsuitable soils to be removed, groundwater management, potential difficulties during construction, utility construction, and estimated soil support parameters (R-values) for pavement design.

PROJECT AND SITE DESCRIPTION

The street improvements include reconstruction of existing bituminous streets and the installation of public utilities. The project area includes approximately 2.25 miles of roadway along Variolite Street Northwest and 161st Avenue Northwest in Ramsey, Minnesota.

NTI was not aware of invert elevations or other design details of the proposed utilities at the time this report was prepared.

SUBSURFACE EXPLORATION SUMMARY

NTI performed the subsurface exploration program during the period of September 23 through 26, 2019 with two-person crews using a truck-mounted CME-55 drill rig and an ATV-mounted CME-750 drill rig. Samples were generally collected in accordance with ASTM D 1586 “Standard Test Method for Standard Penetration Testing (SPT) and Split-Barrel Sampling of Soils.” Pavement cores were obtained at each boring location.

The boring locations and depths were determined by a representative of the City of Ramsey and were marked in the field by NTI. The borings terminated at depths ranging from approximately 10.5 to 18.5 feet below the top of pavement. Due to soft / very loose soil conditions at the termination depth of Borings SB-9, SB-15, and SB-39, these borings were extended to depths ranging from approximately 13.0 to 18.5 feet below the top of pavement.

NTI located the borings relative to existing site features and subsequent to drilling operations determined the approximate elevation, latitude and longitude of the borings using a handheld Trimble GeoXH 6000 GPS unit (Anoka County datum). Boring elevations, latitude, and longitude should be considered to be approximate.

Please refer to the Boring Location Diagrams and the Boring Logs in Appendix C, and the Pavement Core Photographs in Appendix D.

Variolite Street Northwest – Borings SB-1 through SB-57

Bituminous pavement thickness within this area ranged from approximately 1.5 to 8.0 inches at the boring locations. Apparent aggregate base thickness ranged from approximately 3.0 to 24.0 inches. As an exception, apparent aggregate base was not observed at the Boring SB-17 location. Apparent previously-placed fill soils generally consisting of poorly graded sand (SP), poorly graded sand with silt (SP-SM), silty sand (SM), and sandy lean clay (CL) were encountered to depths ranging from approximately 2.0 to 7.0 feet below the top of pavement. As exceptions, apparent previously placed fill was not observed at Boring SB-38 and Boring SB-5 terminated in fill materials at a depth of approximately 10.5 feet below the top of pavement. Organic materials and bituminous pieces were occasionally encountered within the fill materials.

Native glacial deposit soils consisting of poorly graded sand to poorly graded sand with gravel (SP), poorly graded sand with silt to poorly graded sand with silt with gravel (SP-SM), silty sand (SM), and clayey sand (SC) were observed extending to the boring termination depths.

Swamp deposit soils were observed at Borings SB-23, SB-24, SB-35, SB-37, SB-39 through SB-44, and SB-46 through SB-49 consisting of silty sand (SM), poorly graded sand (SP), poorly graded sand with silt (SP-SM), sandy silt (ML), and peat (Pt). Organic contents of selected samples ranged from 2.1 to 53.7 percent with moisture contents ranging from 26 to 236 percent.

Groundwater was observed in thirty-five of the fifty-seven (57) boreholes at the time of drilling. The groundwater depths ranged from approximately 2.5 to 11.5 feet below the top of pavement. The lack of observed groundwater in the remaining boring is likely due to the short duration for which the borehole remained open combined with the varying site elevations. In addition, the on-site silt laden soils have the potential to be somewhat impervious and conducive to the development of zones of perched water at varying elevations and locations across the project area. Please refer to the boring log included in the appendices.

Tables 1A and 1B summarizes the encountered subsurface conditions for Variolite Street Northwest.

Table 1A: Pavement and Subgrade Summary[1]
Variolite Street Northwest

Boring No.	Bituminous Pavement Thickness[2] (inches)	Apparent Aggregate Base Thickness[3] (inches)	Fill Subgrade Material[4]	Native Subgrade Material
SB-1	4.5	5.0	SP-SM, SM	SP
SB-2	6.0	5.0	SP-SM	SP-SM
SB-3	6.0	4.0	SM	SP
SB-4	6.0	5.0	SP-SM	SP
SB-5	5.5	5.0	SP-SM, SM	None Observed
SB-6	5.5	4.0	SP-SM	SP
SB-7	7.0	3.0	SP, SM	SP
SB-8	5.5	4.5	SP-SM	SP
SB-9[5]	6.0	3.5	SP-SM, SP	SP
SB-10	5.5	5.0	SP-SM, SP	SP-SM
SB-11	6.5	4.5	SP-SM	SP
SB-12	7.0	18.0	SP-SM	SP
SB-13	7.0	6.0	SP-SM, SM	SP
SB-14[5]	2.0	6.0	SP, SM	SP, SC
SB-15	6.0	5.0	SP-SM	SP-SM, SP
SB-16	6.5	4.0	SP-SM	SP-SM, SP
SB-17	7.0	None Observed	SP-SM	SM SP-SM, SP
SB-18	7.5	3.0	SP-SM, SM	SP, SM
SB-19[5]	5.0	4.0	SP-SM, SM	SP
SB-20	7.0	10.0	SM	SP-SM, SP
SB-21	6.0	4.0	SP-SM, SM	SP
SB-22	7.0	4.0	SP-SM	SM, SP
SB-23	6.0	5.0	SP, SM	SP-SM, SP
SB-24	6.5	10.0	SP	SM, SP
SB-25	7.0	5.0	SP-SM, SM	SP-SM
SB-26	7.5	4.0	SP-SM, SM	SP
SB-27[5]	4.0	3.5	SP-SM, SM	SM, SP-SM
SB-28	7.0	16.0	SM	SP-SM, SP
SB-29	7.0	4.0	SP-SM, SP	SP, SM
SB-30	4.0	4.0	SM, SP	SP
SB-31[5]	6.0	5.0	SP-SM	SM, SP
SB-32	8.0	24.0	SP	SP, SM
SB-33	5.5	6.0	SM, SP	CL, SM

1. Table summary is a generalization of subsurface conditions at the individual soil boring locations only. They may not reflect variations in subsurface strata occurring on site between boring locations. The general geologic origin of retained soil samples is listed on the boring logs.
2. Measured thickness of the pavement core.
3. Apparent aggregate base thickness, at time of our fieldwork, by visual inspection only. The classification is not meant to confer conformance with DOT specifications.
4. Undocumented fill soils.
5. Pavement core thickness may not be representative due to crumbling during coring process.

Table 1B: Pavement and Subgrade Summary[1]
Variolite Street Northwest

Boring No.	Bituminous Pavement Thickness[2] (inches)	Apparent Aggregate Base Thickness[3] (inches)	Fill Subgrade Material[4]	Native Subgrade Material
SB-34[5]	1.5	20.0	SM	SM
SB-35[5]	7.5	5.0	SM, SP	SM
SB-36	4.5	3.0	SP-SM	SP, SM
SB-37	4.0	4.0	SP-SM	SP, SP-SM
SB-38	4.0	18.0	None Observed	SP, SM
SB-39[5]	5.5	5.0	SM	SP-SM, SM, ML, Pt
SB-40[5]	4.0	10.0	SP-SM, SM	SP-SM
SB-41	6.0	5.0	SP-SM	SP, SM, SP-SM
SB-42	3.5	4.0	SM	SP-SM, ML
SB-43[5]	3.0	6.5	SP-SM	SP-SM, ML
SB-44[5]	6.5	6.0	SM	SM, Pt
SB-45	6.5	6.5	SM	SP
SB-46	6.5	7.0	SM	SP-SM, SP
SB-47	5.0	3.0	SM	SM, SP
SB-48	7.5	7.0	SM	SP
SB-49	3.0	4.0	SP-SM	SM, ML
SB-50[5]	6.0	8.0	SM	SP, SC
SB-51	6.0	4.5	SP-SM, SM	SP
SB-52	5.5	5.0	SP, SM, SP-SM, CL	SP, SP-SM
SB-53	7.0	7.0	SP-SM	SP
SB-54	6.5	6.0	SP-SM	SP
SB-55	6.5	8.0	SP-SM	SP
SB-56[5]	6.0	8.0	SM	SP, SM, SP-SM
SB-57[5]	6.0	7.0	SP-SM	SP

1. Table summary is a generalization of subsurface conditions at the individual soil boring locations only. They may not reflect variations in subsurface strata occurring on site between boring locations. The general geologic origin of retained soil samples is listed on the boring logs.
2. Measured thickness of the pavement core.
3. Apparent aggregate base thickness, at time of our fieldwork, by visual inspection only. The classification is not meant to confer conformance with DOT specifications.
4. Undocumented fill soils.
5. Pavement core thickness may not be representative due to crumbling during coring process.

161ST Avenue Northwest – Borings SB-58 through SB-61

Bituminous pavement thickness in this area ranged from approximately 3.0 to 3.5 inches at the boring locations. Apparent aggregate base thickness ranged from approximately 8.0 to 18.0 inches. Apparent previously placed fill soils generally consisting of poorly graded sand with silt (SP-SM) and silty sand (SM) were encountered to depths ranging from approximately 1.5 to 4.0 feet below the top of pavement. Varying amounts of gravel, bituminous pieces, and organic materials were occasionally encountered within the fill materials.

Native glacial deposit soils consisting of poorly graded sand (SP), poorly graded sand with silt (SP-SM), and silty sand (SM) were commonly observed extending to the boring termination depths.

Groundwater was not observed in the boreholes at the time of drilling. Table 2 summarizes the encountered subsurface conditions for 161st Avenue Northwest.

Table 2: Pavement and Subgrade Summary[1]
161st Avenue Northwest

Boring No.	Bituminous Pavement Thickness[2] (inches)	Apparent Aggregate Base Thickness[3] (inches)	Fill Subgrade Material[4]	Native Subgrade Material
SB-58	3.0	12.0	SM	SP
SB-59	3.0	8.0	SM	SP, SM
SB-60	3.5	8.0	SM	SP-SM, SP
SB-61	3.5	18.0	SP-SM	SP

1. Table summary is a generalization of subsurface conditions at the individual soil boring locations only. They may not reflect variations in subsurface strata occurring on site between boring locations. The general geologic origin of retained soil samples is listed on the boring logs.
2. Measured thickness of the pavement core.
3. Apparent aggregate base thickness, at time of our fieldwork, by visual inspection only. The classification is not mean to confer conformance with DOT specifications.
4. Undocumented fill soils.

GROUNDWATER AND GROUNDWATER CONTROL

Groundwater was observed in all of the project areas at the time of drilling.

Variolite Street Northwest: Groundwater was observed in thirty-five of the fifty-seven (57) boreholes at the time of drilling. The groundwater depths ranged from approximately 2.5 to 11.5 feet below the top of pavement.

161st Avenue Northwest: Groundwater was not observed in the boreholes at the time of drilling.

In addition, the on-site silt based soils have the potential to be somewhat impervious and conducive to the development of zones of perched water at varying elevations and locations across the project area.

Depending upon elevations of underground utilities, groundwater may be an issue during construction. If excavations are proposed below the groundwater level, the granular nature of the on-site soils will likely result in significant volumes of water entering the excavations unless proper dewatering measures are implemented. If dewatering is needed during construction, we recommend that the groundwater be maintained a minimum of 2 feet below the bottom of the excavation.

LABORATORY TEST PROGRAM

Our analysis and recommendations of this report are based upon our interpretation of the standard penetration test resistance determined while sampling soils, laboratory test results, and experience with similar soils from other sites near the project. The results of such tests are summarized on the boring logs or attached laboratory test reports.

UTILITIES

The fill and native glacial deposit soils observed at the soil boring locations were generally suitable for utility support. Replacement backfill required in utility trenches should consist of non-organic material similar to the surrounding soil. All import fill should be approved by NTI or the City's representative.

Due to the observed groundwater levels and depending on the installation depth of the utilities, temporary dewatering would likely be required during some of the utility trench excavations. In addition, the granular nature of the on-site soils will likely result in significant volumes of water entering the excavations unless proper dewatering measures are implemented. If dewatering is needed during construction, we recommend that the groundwater be maintained a minimum of 2 feet below the bottom of the excavation.

Stabilization of the trench subgrade may also be required in order to provide a stable platform for construction. Stabilization could consist of a one half to one foot layer of crushed rock or sand with a maximum 5 percent material passing the No. 200 sieve and 50 percent passing the No. 40 sieve.

As noted previously, swamp deposit soils were observed at Borings SB-23, SB-24, SB-35, SB-37, SB-39 through SB-44, and SB-46 through SB-49. The peat (Pt) soils are generally not suitable for utility support and utility backfill. NTI does not recommend the founding of utilities in or above swamp deposited soils. However, if the design team elects to take the risk of doing so, appropriate measures should be taken. If the utilities are to be founded above or within the organic soils, the least risky options for support of utilities would be to perform a soil correction below the utilities down to competent, non-organic native soils, or to support the utilities on a deep foundation system with bents for support at the joints.

Another alternative would include the placement of additional bedding to provide a more stable platform to construct the utilities upon. However, the team should anticipate that utilities supported in this manner will likely undergo significant differential movement and/or sagging over time. This will be particularly evident at the connections to any proposed structures. At a minimum, flexible connections should be utilized within the pipe alignment where possible and at all connections to structures.

The Geotechnical Engineer of Record or their designated representative should observe the project excavations to determine that unsuitable materials have been properly removed and adequate bearing support is provided by the exposed soils. The exposed soil at the base should be compacted to 95 percent standard Proctor dry density (ASTM D698). Such observations and testing should be performed prior to backfilling.

It is especially important that trench backfill for utility construction within paved areas be thoroughly compacted to minimize future pavement damage. We recommend that such soils be compacted in accordance with the recommendations noted in the "Placement and Compaction of Engineered Fill" section in Appendix B of this report.

The stability of embankments along utility excavations is dependent on soil strength, site geometry, moisture content, and any surcharge load for excavated soils and equipment. We present cautionary remarks concerning stability of excavation sideslopes in the "Excavation Stability" section of this report.

The Contractor is solely responsible for assessing the stability of and executing underground utility and project excavations using safe methods. The contractor is also responsible for naming the "competent individual" as per Subpart P of 29 CFR 1926.6 (Federal Register - OSHA).

PAVEMENT RECOMMENDATIONS

The Contractor should be aware that the subgrade soils will be moisture-sensitive and protecting them from inclement weather will aid in maintaining stability. The stripping of the existing pavement and aggregate base course should occur immediately prior to subgrade preparation and base aggregate installation to minimize weather-induced instability. The subgrade and aggregate base should be compacted and sloped to drain to help prevent ponding in the roadway during construction.

Undocumented fill soils were encountered within the roadway corridor. The most conservative method of construction would be to remove and replace all the existing undocumented fill from beneath the proposed roadway areas. If the City were willing to accept some risk of future settlement and maintenance, the existing fill may remain in place provided that it can be sufficiently compacted to provide a stable platform for construction of the proposed pavements.

As noted previously, organic (peat, Pt) soils were encountered within the roadway. We recommend the removal of, at a minimum, soils with high organic content (3 percent or greater by dry weight) from beneath pavement areas. Slightly organic soils, those with an organic content less than 3 percent, can remain in place provided that they are at least 3 feet below the bottom of the pavement section and can be sufficiently compacted to provide a stable platform for construction of the proposed pavements.

It should be noted that pavements constructed over organic soils will not generally perform over the long-term the same as pavements constructed over inorganic soils, and some movement and long-term pavement maintenance should be anticipated. Backfill should consist of inorganic soil similar to the onsite soils.

Prior to installing the new pavement section, the existing subgrade should be scarified to a depth of at least 12 inches and re-compacted. A proof roll test should then be performed to determine soft or unstable subgrade areas.

The proof roll should be performed with a tandem axle dump truck loaded to gross capacity (at least 20 tons). Acceptance criteria of the proof roll shall be limited to rut formation no more than one inch depth (front or rear axles) and no pumping (rolling) observed during the visual inspection. Proof roll tests should be observed by an experienced technician or geotechnical engineer prior to placement of the aggregate base course to verify the subgrade will provide adequate pavement support.

If rutting or localized unstable subgrade areas are observed, those areas should be subcut, moisture-conditioned, and re-compacted or removed to a stable depth.

If imported fill is required in paved areas, it should consist of debris-free, non-organic, mineral soil similar in composition to the subgrade soils encountered in the surrounding areas. If sand is imported into areas that are underlain by relatively impervious fine grained soils, the sand layer must be drained with drain tile in order to prevent frost heave from water trapped within the imported sand layer during freezing temperatures. Individual lifts of engineered fill should be tempered for moisture content, placed, and compacted as noted in the “Placement and Compaction of Engineered Fill” section in Appendix B of this report.

Due to the compressibility of the localize underlying swamp deposited soils, positive changes in grade should be minimized to the extent practical. In addition, any proposed increases in grade should occur as early as possible in the construction process to allow for as much consolidation as practical to occur prior to the placement of aggregate base and pavement.

The performance of stabilometer or similar tests, were beyond the scope of this report; however, they may be performed, upon request, for an additional fee. We estimate that a properly prepared subgrade would have an average stabilometer R-value based on soil types as referenced below:

- Poorly graded sand (SP) – R-value of 50
- Poorly graded sand with silt (SP-SM) – R-value of 40
- Silty sand (SM) – R-value of 25

Pavement recommendations assume the subgrade soils and aggregate section below paved surfaces will drain to subsurface piping for eventual discharge into storm sewer, or above grade to ditching, or similar acceptable systems. Lack of surface and subsurface drainage will significantly reduce the capacity and longevity of the pavement systems indicated above.

Properly constructed pavements, even those constructed entirely over inorganic soil, will crack due to creep movements, changes in temperatures, frost action, and other factors. Due to the organic nature in some areas of the roadway subgrade, the pavements should be expected to move and crack more than a typical pavement section. Features that would help reduce this movement and cracking include:

- Installing finger drains about catch basins, low lying areas,
- Placing a reinforcement geotextile or geogrid under the aggregate base or within the aggregate base,
- Adding a 1 foot or thicker section of clean sand below the aggregate base to act as a drainage layer.

We recommend pavements receive annual maintenance, as a minimum, to correct damages to the pavement structure, clean and infill cracks which develop, and repair or resurface areas which exhibit reduced subgrade performance. The lack of maintenance can lead to moisture infiltration of the pavement structure and softening of the subgrade soils. This, in turn, can degrade the performance of the pavement system and result in poorly performing pavements with shortened life expectancy.

EXCAVATION STABILITY

Excavation depth and sidewall inclination should not exceed those specified in local, state, or federal regulations. Excavations may need to be widened and sloped, or temporarily braced, to maintain or develop a safe work environment. Contractors must comply with local, state, and federal safety regulations including current OSHA excavation and trench safety standards. Temporary shoring must be designed in accordance with applicable regulatory requirements.

ENGINEERED FILL & WINTER CONSTRUCTION

The silt and clay-laden soils encountered at the project locations will be susceptible to freezing if not provided adequate drainage, insulation, or coverage. Frozen soil should not be used as backfill. When the ambient air temperature falls below freezing for an extended period of time, frost forms, and soil near the surface grade expands. Settlement of the fill may occur as the frozen soils thaw.

If frost penetrates the soil prior to paving, soils must be thawed, scarified, and re-compacted as recommended in this report. Subgrade soils should be inspected prior to paving to verify frozen conditions are not present.

CLOSURE

As the widely spaced, small diameter borings provide only a limited amount of data regarding the existing fill, the existing fill may contain soft zones, debris or significantly greater amounts of unsuitable materials than could be reasonably inferred from the boring information. Unsuitable materials may not be discovered during construction and may remain buried within the fill below the pavement, resulting in greater than anticipated settlements of the pavement. These risks cannot be eliminated without completely removing the fill, but can be reduced by thorough exploration and testing during site preparation and construction.

Our conclusions and recommendations are predicated on observation and testing of the earthwork directed by Geotechnical Engineer of Record. Our opinions are based on data assumed representative of the project area. However, the area coverage of borings in relation to the entire project is very small. For this and other reasons, we do not warrant conditions below the depth of our borings, or that the strata logged from our borings are necessarily typical of the site. Deviations from our recommendations by plans, written specifications, or field applications shall relieve us of responsibility unless our written concurrence with such deviations has been established.

The scope of services for this project does not include either specifically or by implication any environmental or biological assessment of the site or identification or prevention of pollutants, hazardous materials or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

This report has been prepared for the exclusive use of the City of Ramsey and their agents for specific application to the proposed 20-01 Variolite Street Reconstruction project in Ramsey, Minnesota. Northern Technologies, LLC has endeavored to comply with generally accepted geotechnical engineering practice common to the local area. Northern Technologies, LLC makes no other warranty, express or implied.

Attachments

Appendix A - General Notes
Appendix B - Groundwater Issues, Compaction and Placement of Fill
Appendix C - Attachments: Boring Location Diagrams (6), Soil Boring Logs (61)
Appendix D - Photographs (61 cores)

APPENDIX A

GEOTECHNICAL EVALUATION OF RECOVERED SOIL SAMPLES

We visually examined recovered soil samples to estimate distribution of grain sizes, plasticity, consistency, moisture condition, color, presence of lenses and seams, and apparent geologic origin. We then classified the soils according using the Unified Soil Classification System (ASTM D2488). A chart describing this classification system and general notes explaining soil sampling procedures are presented within appendices attachments.

The stratification depth lines between soil types on the logs are estimated based on the available data. In-situ, the transition between type(s) may be distinct or gradual in either the horizontal or vertical directions. The soil conditions have been established at our specific boring locations only. Variations in the soil stratigraphy may occur between and around the borings, with the nature and extent of such change not readily evident until exposed by excavation. These variations must be properly assessed when utilizing information presented on the boring logs.

We request that you, your design team or contractors contact NTI immediately if local conditions differ from those assumed by this report, as we would need to review how such changes impact our recommendations. Such contact would also allow us to revise our recommendations as necessary to account for the changed site conditions.

FIELD EXPLORATION PROCEDURES

Soil Sampling – Standard Penetration Boring:

Soil sampling was performed according to the procedures described by ASTM D-1586. Using this procedure, a 2 inch O.D. split barrel sampler is driven into the soil by a 140 pound weight falling 30 inches. After an initial set of six inches, the number of blows required to drive the sampler an additional 12 inches is recorded (known as the penetration resistance (i.e. "N-value") of the soil at the point of sampling. The N-value is an index of the relative density of cohesionless soils and an approximation of the consistency of cohesive soils.

Soil Sampling – Power Auger Boring:

The boring(s) was/were advanced with a 6 inch nominal diameter continuous flight auger. As a result, samples recovered from the boring are disturbed, and our determination of the depth, extend of various stratum and layers, and relative density or consistency of the soils is approximate.

Soil Classification:

Soil samples were visually and manually classified in general conformance with ASTM D-2488 as they were removed from the sampler(s). Representative fractions of soil samples were then sealed within respective containers and returned to the laboratory for further examination and verification of the field classification. In addition, select samples were submitted for laboratory tests. Individual sample information, identification of sampling methods, method of advancement of the samples and other pertinent information concerning the soil samples are presented on boring logs and related report attachments.

GENERAL NOTES

DRILLING and SAMPLING SYMBOLS		*LABORATORY TEST SYMBOLS*	
SYMBOL	**DEFINITION**	**SYMBOL**	**DEFINITION**
C.S.	Continuous Sampling	W	Moisture content-percent of dry weight
P.D.	2-3/8" Pipe Drill	D	Dry Density-pounds per cubic foot
C.O.	Cleanout Tube	LL, PL	Liquid and plastic limits determined in accordance with ASTM D 423 and D 424
3 HSA	3 ¼" I.D. Hollow Stem Auger	Q_U	Unconfined compressive strength-pounds per square foot in accordance with ASTM D 2166-66
4 FA	4" Diameter Flight Auger		
6 FA	6" Diameter Flight Auger		
2 ½ C	2 ½" Casing		
4 C	4" Casing		
D.M.	Drilling Mud	Pq	Penetrometer reading-tons/square foot
J.W.	Jet Water	S	Torvane reading-tons/square foot
H.A.	Hand Auger	G	Specific Gravity – ASTM D 854-58
NXC	Size NX Casing	SL	Shrinkage limit – ASTM 427-61
BXC	Size BX Casing	Ph	Hydrogen ion content-meter method
AXC	Size AX casing	O	Organic content-combustion method
SS	2" O.D. Split Spoon Sample	M.A.	Grain size analysis
2T	2" Thin Wall Tube Sample	C*	One dimensional consolidation
SH	3" Thin Wall Tube Sample	Q_C	Triaxial Compression
		* See attached data Sheet and/or graph	

WATER LEVEL SYMBOL

Water levels shown on the boring logs were determined at the time and under the conditions indicated. In sand, the indicated levels can be considered relatively reliable for most site conditions. In clay soils, it is not possible to determine the ground water level within the normal scope of a test boring investigation, except where lenses or layers of more pervious water bearing soil are present; and then a long period of time may be necessary to reach equilibrium. Therefore, the position of the water level symbol for cohesive or mixed soils may not indicate the true level of the ground water table. The available water level information is given at the bottom of the log sheet.

DESCRIPTIVE TERMINOLOGY

RELATIVE DENSITY		*CONSISTENCY*	
TERM	**N_{60} Value** (corrected)	**TERM**	**N_{60} Value** (corrected)
Very Loose	0 – 4	Soft	0-4
Loose	5 – 8	Medium	5-8
Medium Dense	9 – 16	Rather Stiff	9 – 15
Dense	16 – 30	Stiff	16 – 30
Very Dense	Over 30	Very Stiff	Over 30

RELATIVE PROPORTIONS

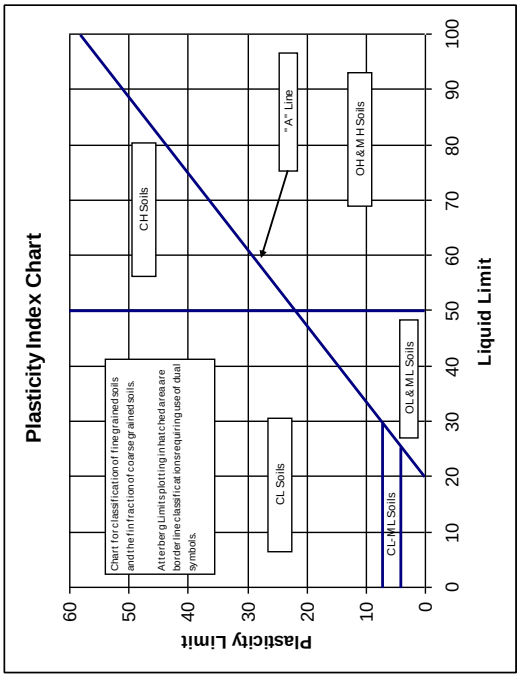
TERMS	**RANGE**
Trace	0 – 5%
A little	5 – 15%
Some	15 – 30%

PARTICLE SIZES

MATERIAL	**DESCRIPTION**	**U.S. SIEVE SIZE**
Boulders		Over 3"
Gravel	Coarse	3" to ¾"
	Medium	¾" to #4
Sand	Coarse	#4 to #10
	Medium	#10 to #40
	Fine	#40 to #200
Silt and Clay	Determined by Hydrometer Test	

CLASSIFICATION of SOILS for ENGINEERING PURPOSES

ASTM Designation D-2487 and D2488 (Unified Soil Classification System)

Major Divisions			Group Symbol	Typical Name	Classification Criteria		
Course Grained Soils More than 50% retained on No. 200 sieve *	Gravels 50% or more of coarse fraction retained on No. 4 sieve.	Clean Gravels	GW	Well –graded gravels and gravel-sand mixtures, little or no fines.	**Classification on basis of percentage of fines.** Less than 5% passing No. 200 Sieve: GW, GP, SW, SP. More than 12% passing No. 200 Sieve: GM, GC, SM, SC. From 5% to 12% passing No. 200 Sieve: Borderline Classification requiring use of duel symbols.	Cu = D60 / D10 greater than 4. Cz = (D30)2 / (D10 x D60) between 1 & 3.	
			GP	Poorly graded gravels and gravel-sand mixtures, little or no fines.		Not meeting both criteria for GW materials.	
		Gravels with Fines	GM	Silty gravels, gravel-sand-silt mixtures.		Atterberg limits below "A" line, or P.I. less than 4.	Atterberg limits plotting in hatched area are borderline classifications requiring use of dual symbols.
			GC	Clayey gravels, gravel-sand-clay mixtures.		Atterberg limits above "A" line with P.I. greater than 7.	
	Sands More than 50% of coarse fraction passes No 4 sieve.	Clean Sands	SW	Well-graded sands and gravelly sands, little or no fines.		Cu = D60 / D10 greater than 6. Cz = (D30)2 / (D10 x D60) between 1 & 3.	
			SP	Poorly-graded sands and gravelly sands, little or no fines.		Not meeting both criteria for SW materials.	
		Sands with Fines	SM	Silty sands, sand-silt mixtures.		Atterberg limits below "A" line, or P.I. less than 4.	Atterberg limits plotting in hatched area are borderline classifications requiring use of dual symbols.
			SC	Clayey sands, sand-clay mixtures.		Atterberg limits above "A" line with P.I. > 7.	
Fine Grained Soils More than 50% passes No. 200 sieve *	Silts and Clays Liquid Limit of 50% or less		ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands.		
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.			
			OL	Organic silts and organic silty clays of low plasticity.			
	Silts and Clays Liquid Limit greater than 50%.		MH	Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts.			
			CH	Inorganic clays of high plasticity, fat clays.			
			OH	Organic clays of medium to high plasticity.			
	Highly Organic Soils		Pt	Peat, muck and other highly organic soils.			

APPENDIX B

GROUNDWATER ISSUES

The following presents additional comment and soil specific issues related to measurement of ground water conditions at your project site.

Note that our ground water measurements, or lack thereof, will vary depending on the time allowed for equilibrium to occur in the borings. Extended observation time was not available during the scope of the field exploration program and, therefore, ground water measurements as noted on the borings logs may or may not accurately reflect actual conditions at your site.

Seasonal and yearly fluctuations of the ground water level, if any, occur. Perched ground water may be present within sand and silt lenses bedded within cohesive soil formations.

If minor seepage into project excavations occurs, dewatering with sumps and pumps within excavations will be adequate within fine grained clay or silt based soils. Within the clean sand soils dewatering can likely be accomplished with the use of a well point system. When excavations penetrate more than 1 foot below the groundwater surface, we recommend that the dewatering wells or sand points be installed to maintain the groundwater surface at least 2 feet below the bottom of the excavation.

PLACEMENT AND COMPACTION OF ENGINEERED FILL

Unless otherwise superseded within the body of the Geotechnical Exploration Report, the following criteria shall be utilized for placement of engineered fill on project. This includes, but is not limited to earthen fill placement to improve site grades, fill placed below structural footings, fill placed interior of structure, and fill placed as backfill of foundations.

Engineered fill placed for construction, if necessary should consist of natural, non-organic, competent soils native to the project area. Such soils may include, but are not limited to gravel, sand, or clays with Unified Soil Classification System (ASTM D2488) classifications of GW, SP, SM, CL or CH. Use of silt or clayey silt as project fill will require additional review and approval of project Geotechnical Engineer of Record. Such soils have USCS classifications of ML, MH, ML-CL, MH-CH. Use of topsoil, marl, peat, other organic soils construction debris and/or other unsuitable materials as fill is not allowed. Such soils have USCS classifications of OL, OH, Pt.

Engineered fill, classified as clay, should be tempered such that the moisture content at the time of placement is equal to and no more than 3 percent above the optimum content for as defined by the appropriate proctor test. Likewise, engineered fill classified as gravel or sand should be tempered such that the moisture content at the time of placement is within 3 percent of the optimum content.

All engineered fill for construction should be placed in individual 8 inch maximum depth lifts. Each lift of fill should be compacted by large vibratory equipment until the in-place soil density is equal to or greater than the criteria established within the following tabulation.

	Compaction Criteria (% respective Proctor) [1]	
Type of Construction	**Clay**	**Sand or Gravel**
Engineered Fill placed as Pavement Subgrade (more than 3 feet below bottom of final grade)	Min. 95	Min. 95
Engineered Fill placed as Pavement Subgrade (less than 3 feet below bottom of final grade)	Min. 100	Min. 100
Engineered Fill placed as Pavement Aggregate Base	NA	Min. 100
Note 1 Unless otherwise required, compaction criteria shall be based on the Standard Proctor Test (ASTM D698).		

Density tests should be taken during engineered fill placement to document earthwork has achieved necessary compaction of the material(s).

APPENDIX C



N

Boring Location Diagram
20-01 Variolite Street Reconstruction
Ramsey, Minnesota
NTI Project #: 19.MSP09109.000
NOTE: Boring locations are approximate.

Completed Soil Borings:

NTI NORTHERN TECHNOLOGIES, LLC



N

Boring Location Diagram
20-01 Variolite Street Reconstruction
Ramsey, Minnesota
NTI Project #: 19.MSP09109.000
NOTE: Boring locations are approximate.

Completed Soil Borings:

NTI NORTHERN TECHNOLOGIES, LLC



N

Boring Location Diagram
20-01 Variolite Street Reconstruction
Ramsey, Minnesota
NTI Project #: 19.MSP09109.000
NOTE: Boring locations are approximate.

Completed Soil Borings:

NTI NORTHERN TECHNOLOGIES, LLC



N

Boring Location Diagram
20-01 Variolite Street Reconstruction
Ramsey, Minnesota
NTI Project #: 19.MSP09109.000
NOTE: Boring locations are approximate.

Completed Soil Borings:

NTI NORTHERN TECHNOLOGIES, LLC



N

Boring Location Diagram
20-01 Variolite Street Reconstruction
Ramsey, Minnesota
NTI Project #: 19.MSP09109.000
NOTE: Boring locations are approximate.

Completed Soil Borings:

NTI NORTHERN TECHNOLOGIES, LLC



N

Boring Location Diagram
20-01 Variolite Street Reconstruction
Ramsey, Minnesota
NTI Project #: 19.MSP09109.000
NOTE: Boring locations are approximate.

Completed Soil Borings:

NTI NORTHERN TECHNOLOGIES, LLC

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-1

Long: -93° 27' 36.5421"
Lat: 45° 15' 7.5145"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 885 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.4 BITUMINOUS PAVEMENT (4.5 inches)	884.6	CORE									
		0.8 APPARENT AGGREGATE BASE (5.0 inches)	884.2	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**											
2.5				SS 2	67	7-6-6-5 (12)							
		4.0	881.0										
		SILTY SAND, (SM) black, fine to medium grained, moist, trace gravel, slightly organic **(Undocumented Fill)** NOTE: Organic content in Sample No. 3 = 3.1%		SS 3	89	5-4-4 (8)			13				
5.0		6.5	878.5										
		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, loose, trace gravel (Glacial Outwash)		SS 4	67	5-3-3 (6)							
7.5		9.0	876.0										
		POORLY GRADED SAND, (SP) brown, fine to medium grained, moist, loose, trace gravel (Glacial Outwash)		SS 5	78	5-4-4 (8)							
10.0		10.5	874.5										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-2

Long: -93° 27' 36.4654"
Lat: 45° 15' 12.2587"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 892.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches) 892.0	CORE									
		0.9 APPARENT AGGREGATE BASE (5.0 inches) 891.6	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown to brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**										
2.5			SS 2	67	11-8-9-7 (17)			7				10
5.0			SS 3	67	5-3-3 (6)							
		6.5 886.0										
7.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to medium grained, moist, very loose to loose, trace gravel (Glacial Outwash)	SS 4	78	4-2-2 (4)							
10.0			SS 5	78	2-3-2 (5)							
		10.5 882.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-3

Long: -93° 27' 36.1637"
Lat: 45° 15' 17.2091"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 901.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches) 901.0	CORE									
		0.8 APPARENT AGGREGATE BASE (4.0 inches) 900.7										
		SILTY SAND, (SM) dark brown, fine to medium grained, moist, trace gravel, trace organics **(Undocumented Fill)**	SS 1	100	8-9-11 (20)			9				15
2.5			SS 2	75	6-7-5-4 (12)							
		4.0 897.5										
		POORLY GRADED SAND, (SP) brown, fine to medium grained, moist, loose, trace gravel (Glacial Outwash)	SS 3	89	2-3-2 (5)							
5.0												
			SS 4	89	5-4-4 (8)							
7.5												
			SS 5	89	3-3-2 (5)							
10.0		10.5 891.0										

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-4

Long: -93° 27' 36.5913"
Lat: 45° 15' 22.1688"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 897.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches) 897.0	CORE									
		0.9 APPARENT AGGREGATE BASE (5.0 inches) 896.6	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to medium grained, moist, trace gravel, trace organics **(Undocumented Fill)**										
2.5			SS 2	58	8-14-9-10 (23)							
5.0			SS 3	67	5-4-2 (6)							
		6.5 891.0										
		POORLY GRADED SAND, (SP) brown, fine to medium grained, moist, very loose to loose, trace gravel, occasional silt seams (Glacial Outwash)	SS 4	78	3-2-2 (4)							
7.5												
10.0			SS 5	89	5-4-4 (8)			7				
		10.5 887.0										

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-5

Long: -93° 27' 36.1135"
Lat: 45° 15' 26.9551"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 897.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (5.5 inches) 897.0	CORE					4				
		0.9 APPARENT AGGREGATE BASE (5.0 inches) 896.6	SS 1	100	10-11-16 (27)							
		POORLY GRADED SAND WITH SILT, (SP-SM) brown to dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**										
2.5			SS 2	67	9-11-14-16 (25)							
		4.0 SILTY SAND, (SM) dark brown, fine to medium grained, moist, trace gravel, trace organics 893.5 **(Undocumented Fill)**										
5.0			SS 3	89	6-4-4 (8)							
7.5			SS 4	100	5-7-10 (17)							
10.0			SS 5	100	2-3-2 (5)							
		10.5 887.0										

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-6

Long: -93° 27' 36.444"
Lat: 45° 15' 32.0122"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 901.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (5.5 inches)	901.0	CORE									
		0.9 APPARENT AGGREGATE BASE (4.0 inches)	900.6										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**		AU 1									
2.5		4.0	897.5	SS 2	58	12-9-8-7 (17)							
		POORLY GRADED SAND, (SP) brown, fine to medium grained, moist, loose, trace gravel (Glacial Outwash)		SS 3	78	4-3-2 (5)			5				
5.0		6.5	895.0										
		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, loose, trace gravel, occasional silt seams (Glacial Outwash)		SS 4	89	3-3-4 (7)							
7.5		9.0	892.5										
		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, loose, trace gravel (Glacial Outwash)		SS 5	78	2-3-3 (6)							
10.0		10.5	891.0										

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-7

Long: -93° 27' 36.001"
Lat: 45° 15' 36.9175"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 900.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches) 0.6 / 899.9	CORE									
		APPARENT AGGREGATE BASE (3.0 inches) 0.8 / 899.7	AU 1									
		POORLY GRADED SAND, (SP) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)** 2.0 / 898.5										
2.5		SILTY SAND, (SM) black to dark brown, fine to coarse grained, moist, trace gravel, trace organics **(Undocumented Fill)** 4.0 / 896.5	SS 2	67	5-8-7-6 (15)			9				15
5.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, moist, loose to medium dense, trace gravel (Glacial Outwash)	SS 3	78	5-3-3 (6)							
7.5			SS 4	89	5-5-4 (9)							
10.0		10.5 / 890.0	SS 5	67	3-2-3 (5)							

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-8

Long: -93° 27' 36.3463"
Lat: 45° 15' 41.8681"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 899.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (5.5 inches) 899.0	CORE									
		0.8 APPARENT AGGREGATE BASE (4.5 inches) 898.7										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to medium grained, moist, trace gravel, occasional bituminous pavement **(Undocumented Fill)** 2.0 897.5	AU 1									
2.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, medium dense to loose, trace gravel (Glacial Outwash)	SS 2	58	7-7-8-8 (15)							
5.0			SS 3	78	4-4-4 (8)							
		6.5 893.0										
7.5		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, very loose, trace gravel (Glacial Outwash)	SS 4	89	3-2-2 (4)							
		9.0 890.5										
10.0		POORLY GRADED SAND, (SP) light gray, fine to medium grained, moist, very loose, trace gravel (Glacial Outwash)	SS 5	78	3-2-2 (4)			6				
		10.5 889.0										

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-9

Long: -93° 27' 35.9904"
Lat: 45° 15' 44.8192"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 900.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches)* 900.0	CORE									
		0.7 APPARENT AGGREGATE BASE (3.5 inches) 899.8	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces										
		2.0 **(Undocumented Fill)** 898.5										
2.5		POORLY GRADED SAND, (SP) brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)**	SS 2	58	6-6-5-5 (11)							
5.0			SS 3	89	4-2-2 (4)			5				9
		6.5 894.0										
7.5		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, loose to very loose, trace gravel (Glacial Outwash)	SS 4	44	5-3-4 (7)							
10.0			SS 5	78	3-2-1 (3)			4				
12.5			SS 6	89	3-2-3 (5)							
		13.0 887.5										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 13.0 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-10

Long: -93° 27' 36.3894"
Lat: 45° 15' 47.1101"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 901.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (5.5 inches)	901.0	CORE									
		0.9 APPARENT AGGREGATE BASE (5.0 inches)	900.6										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 2.0	899.5	AU 1									
2.5		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**		SS 2	67	12-9-10-9 (19)							
5.0				SS 3	78	5-6-9 (15)							
		6.5	895.0										
7.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown to light brown, fine to medium grained, moist, loose to medium dense, trace gravel (Glacial Outwash)		SS 4	78	6-5-2 (7)							
10.0				SS 5	89	6-5-5 (10)							
		10.5	891.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
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P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-11

Long: -93° 27' 36.0125"
Lat: 45° 15' 48.8181"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 901.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.5 inches) 901.0	CORE									
		0.9 APPARENT AGGREGATE BASE (4.5 inches) 900.6	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to medium grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)** 2.0 899.5										
2.5		POORLY GRADED SAND, (SP) light brown, fine grained, moist, very dense to medium dense, trace gravel (Glacial Outwash)	SS 2	67	11-17-15-14 (32)							
5.0			SS 3	78	5-6-7 (13)							
		6.5 895.0										
7.5		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, loose, trace gravel (Glacial Outwash)	SS 4	89	4-4-3 (7)							
10.0			SS 5	78	3-2-3 (5)			8				
		10.5 891.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-12

Long: -93° 27' 36.3769"
Lat: 45° 15' 51.7781"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 891 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches) 0.6 / 890.4	CORE									
		APPARENT AGGREGATE BASE (18.0 inches) 2.1 / 888.9	AU 1									
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 4.0 / 887.0	SS 2	56	9-11-12 (23)							
5.0		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, medium dense, trace gravel (Glacial Outwash)	SS 3	67	4-6-8 (14)							
7.5			SS 4	67	4-8-6 (14)							
		9.0 / 882.0										
10.0		POORLY GRADED SAND, (SP) light gray, fine to medium grained, moist, loose, trace gravel (Glacial Outwash) 10.5 / 880.5	SS 5	100	3-3-4 (7)							

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
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BORING NUMBER SB-13

Long: -93° 27' 35.9365"
Lat: 45° 15' 56.6447"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 875 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 5.50 ft / Elev 869.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches) 0.6 / 874.4	CORE									
		APPARENT AGGREGATE BASE (6.0 inches) 1.1 / 873.9	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) brown to dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 2.0 / 873.0										
2.5		SILTY SAND, (SM) dark brown, fine to medium grained, moist to saturated, trace gravel, trace organics **(Undocumented Fill)**	SS 2	58	6-9-10-9 (19)							
5.0		▽	SS 3	78	6-5-6 (11)							
		6.5 / 868.5										
7.5		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, saturated, loose to very loose, trace gravel (Glacial Outwash)	SS 4	89	5-4-3 (7)							
10.0			SS 5	78	2-1-1 (2)							
12.5			SS 6	56	2-1-1 (2)							
			SS 7	56	1-3-5 (8)							
		14.5 / 860.5										

Bottom of borehole at 14.5 feet.

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Inver Grove Heights
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BORING NUMBER SB-14

Long: -93° 27' 36.3046"
Lat: 45° 15' 57.7322"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 873.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 5.50 ft / Elev 868.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.2 BITUMINOUS PAVEMENT (2.0 inches)*	873.3	CORE									
		0.7 APPARENT AGGREGATE BASE (6.0 inches)	872.8	AU 1									
		POORLY GRADED SAND, (SP) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**											
		1.5	872.0										
2.5		SILTY SAND, (SM) brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)**		SS 2	56	7-6-6 (12)							
		4.0	869.5										
5.0		POORLY GRADED SAND, (SP) brown, fine to medium grained, moist to saturated, medium dense, trace gravel (Glacial Outwash) ▽		SS 3	67	3-4-5 (9)							
		6.5	867.0										
7.5		CLAYEY SAND, (CL) gray, saturated, loose, occasional clean sand seams (Glacial Outwash)		SS 4	78	2-2-4 (6)			29				47
		9.0	864.5										
10.0		POORLY GRADED SAND, (SP) brown, fine to medium grained, saturated, loose, trace gravel (Glacial Outwash)		SS 5	56	2-3-5 (8)							
		10.5	863.0										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-15

Long: -93° 27' 35.9155"
Lat: 45° 15' 58.6729"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 873.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 5.00 ft / Elev 868.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches)	873.0	CORE									
		0.9 APPARENT AGGREGATE BASE (5.0 inches)	872.6										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces		AU 1									
		2.0 **(Undocumented Fill)**	871.5										
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to medium grained, moist to saturated, medium dense to very loose, trace gravel (Glacial Outwash)		SS 2	58	6-7-6-7 (13)			13				
5.0		▽		SS 3	56	9-5-5 (10)			18				
7.5				SS 4	67	4-2-2 (4)							
		9.0	864.5										
		POORLY GRADED SAND, (SP) brown, fine to coarse grained, saturated, very loose, trace gravel (Glacial Outwash)		SS 5	78	5-2-2 (4)							
10.0													
		11.5	862.0										
		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, saturated, medium dense, trace gravel (Glacial Outwash)		SS 6	78	5-6-3 (9)							
12.5		13.0	860.5										

Bottom of borehole at 13.0 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGNIT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-16

Long: -93° 27' 36.2795"
Lat: 45° 15' 59.6335"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 873 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 5.00 ft / Elev 868.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.5 inches)	872.5	CORE									
		0.9 APPARENT AGGREGATE BASE (4.0 inches)	872.1										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces		AU 1									
		2.0 **(Undocumented Fill)**	871.0										
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to medium grained, moist to saturated, medium dense, trace gravel (Glacial Outwash)		SS 2	42	6-7-9-8 (16)			12				12
5.0		▽		SS 3	78	6-5-5 (10)							
		6.5	866.5										
7.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, saturated, loose, trace gravel (Glacial Outwash)		SS 4	67	4-3-3 (6)							
		9.0	864.0										
10.0		POORLY GRADED SAND, (SP) dark gray, fine to coarse grained, saturated, medium dense, trace gravel (Glacial Outwash)		SS 5	78	5-3-8 (11)							
		10.5	862.5										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGNIT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-17

Long: -93° 27' 35.9023"
Lat: 45° 16' 0.6304"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 874 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 867.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches) 873.4	CORE									
0.6		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**	AU 1									
2.0		SILTY SAND, (SM) brown, fine to medium grained, moist, medium dense, trace gravel (Glacial Outwash) 872.0	SS 2	58	5-6-6-10 (12)							
2.5												
4.0		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist to saturated, medium dense to loose, trace gravel (Glacial Outwash) 870.0	SS 3	83	10-6-7 (13)							
5.0		▽										
7.5			SS 4	78	7-3-3 (6)							
9.0		POORLY GRADED SAND, (SP) gray, fine to coarse grained, saturated, loose to very loose, trace gravel (Glacial Outwash) 865.0	SS 5	56	4-3-2 (5)							
10.0												
12.5			SS 6	67	0-1-1 (2)							
14.5		859.5	AU 7									

Bottom of borehole at 14.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-18

Long: -93° 27' 36.2474"
Lat: 45° 16' 1.9274"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 873.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 3.75 ft / Elev 869.75 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.5 inches) 0.6 / 872.9	CORE									
		APPARENT AGGREGATE BASE (3.0 inches) 0.8 / 872.7										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 2.0 / 871.5	AU 1									
2.5		SILTY SAND, (SM) brown, fine to coarse grained, moist to saturated, trace gravel **(Undocumented Fill)** ▽ 4.0 / 869.5	SS 2	42	12-22-13-12 (35)			8				
5.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, saturated, medium dense, trace gravel (Glacial Outwash)	SS 3	56	13-5-4 (9)							
		6.5 / 867.0										
7.5		SILTY SAND, (SM) dark brown, fine to coarse grained, saturated, loose, trace gravel (Glacial Outwash)	SS 4	67	4-3-3 (6)							
		9.0 / 864.5										
10.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, saturated, loose, trace gravel (Glacial Outwash)	SS 5	67	4-3-3 (6)							
		10.5 / 863.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-19

Long: -93° 27' 35.8488"
Lat: 45° 16' 2.6149"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/23/19 **COMPLETED** 9/23/19
GROUND ELEVATION 873.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 3.75 ft / Elev 869.75 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.4 BITUMINOUS PAVEMENT (5.0 inches)*	873.1	CORE									
		0.8 APPARENT AGGREGATE BASE (4.0 inches)	872.8										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)** 2.0	871.5	AU 1					4				12
2.5		SILTY SAND, (SM) brown, fine to medium grained, moist to saturated, trace gravel, occasional silt seams **(Undocumented Fill)** ▽ 4.0	869.5	SS 2	50	6-7-7-5 (14)							
5.0		POORLY GRADED SAND, (SP) brown, fine to coarse grained, saturated, medium dense, trace gravel (Glacial Outwash)		SS 3	78	6-6-4 (10)							
		6.5	867.0										
7.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, saturated, loose, trace gravel (Glacial Outwash)		SS 4	78	5-3-4 (7)							
10.0		10.5	863.0	SS 5	78	4-2-4 (6)							

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-20

Long: -93° 27' 36.2132"
Lat: 45° 16' 3.5961"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 874 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 867.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches) 873.4	CORE									
0.6		APPARENT AGGREGATE BASE (10.0 inches) 872.6	AU 1									
1.4		SILTY SAND, (SM) brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)**	SS 2	67	4-5-6 (11)			10				
2.5												
4.0		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, medium dense, trace gravel (Glacial Outwash) 870.0	SS 3	67	3-4-5 (9)							
5.0												
6.5 ▽		POORLY GRADED SAND, (SP) brown, fine to medium grained, saturated, very loose to loose, trace gravel (Glacial Outwash) 867.5	SS 4	67	2-1-2 (3)							
7.5												
10.0		10.5 863.5	SS 5	67	3-3-3 (6)							

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-21

Long: -93° 27' 35.8305"
Lat: 45° 16' 4.5971"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 874 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 5.00 ft / Elev 869.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches) 873.5	CORE									
		0.8 APPARENT AGGREGATE BASE (4.0 inches) 873.3										
		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)** 2.0 872.0	AU 1									
2.5		SILTY SAND, (SM) brown to dark brown, fine to medium grained, moist to saturated, trace gravel **(Undocumented Fill)**	SS 2	78	6-8-5 (13)			12				
5.0		▽	SS 3	67	6-5-5 (10)			20				
		6.5 867.5										
7.5		POORLY GRADED SAND, (SP) brown, fine to coarse grained, saturated, medium dense, trace gravel (Glacial Outwash)	SS 4	67	7-5-4 (9)							
		9.0 865.0										
10.0		POORLY GRADED SAND, (SP) light brown, fine to medium grained, saturated, very loose to loose, trace gravel (Glacial Outwash)	SS 5	89	1-0-1 (1)							
12.5			SS 6	56	1-1-1 (2)							
			SS 7	44	2-3-2 (5)							
		14.5 859.5										

Bottom of borehole at 14.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-22

Long: -93° 27' 36.1943"
Lat: 45° 16' 5.5691"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 875 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 3.75 ft / Elev 871.25 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.6 BITUMINOUS PAVEMENT (7.0 inches) 874.4	CORE									
		0.9 APPARENT AGGREGATE BASE (4.0 inches) 874.1	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist to saturated, trace gravel **(Undocumented Fill)**										
2.5		NOTE: No recovery in Sample No. 2. Auger cuttings sampled.	SS 2	0	11-9-12-14 (21)							
		4.0 ▽ 871.0										
5.0		SILTY SAND, (SM) brown to gray, fine to coarse grained, saturated, medium dense, trace gravel (Glacial Outwash)	SS 3	89	4-4-5 (9)							
		6.5 868.5										
7.5		POORLY GRADED SAND, (SP) light brown, fine grained, saturated, loose, trace gravel (Glacial Outwash)	SS 4	78	7-3-4 (7)							
		9.0 866.0										
10.0		POORLY GRADED SAND, (SP) brown, fine grained, saturated, very loose, trace gravel (Glacial Outwash)	SS 5	44	2-1-1 (2)							
		11.5 863.5										
12.5		POORLY GRADED SAND, (SP) brown, fine to medium grained, saturated, very loose to loose, trace gravel (Glacial Outwash)	SS 6	44	2-1-1 (2)							
			SS 7	67	4-3-2 (5)							
		14.5 860.5										

Bottom of borehole at 14.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-23

Long: -93° 27' 35.8092"
Lat: 45° 16' 6.5669"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 874.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 5.00 ft / Elev 869.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches) 874.0	CORE									
		0.9 APPARENT AGGREGATE BASE (5.0 inches) 873.6	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) brown to dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)** 2.0 872.5										
2.5		SILTY SAND, (SM) brown to black, fine to medium grained, moist, trace gravel, trace organics **(Undocumented Fill)** NOTE: Organic content in Sample No. 2 = 1.4%	SS 2	100	11-11-12 (23)			12				
		4.5 870.0										
5.0		▽ POORLY GRADED SAND WITH SILT, (SP-SM) light gray, fine to medium grained, moist to saturated, medium dense, trace gravel (Swamp Deposit)	SS 3	100	6-5-8 (13)							
		6.5 868.0										
7.5		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, saturated, medium dense, trace gravel (Swamp Deposit)	SS 4	67	9-7-7 (14)							
		9.0 865.5										
10.0		POORLY GRADED SAND WITH SILT, (SP-SM) light brown to gray, fine to coarse grained, saturated, loose, trace gravel (Swamp Deposit)	SS 5	56	5-5-3 (8)							
		10.5 864.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-24

Long: -93° 27' 36.146"
Lat: 45° 16' 7.4597"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 875 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 868.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.5 inches) 874.5	CORE									
		1.4 APPARENT AGGREGATE BASE (10.0 inches) 873.6	AU 1									
2.5		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**	SS 2	56	4-7-9 (16)							
		4.0 871.0										
5.0		SILTY SAND, (SM) gray, fine to medium grained, moist, medium dense, trace gravel (Swamp Deposit)	SS 3	56	5-7-7 (14)							
		6.5 ▽ 868.5										
7.5		POORLY GRADED SAND, (SP) brown, fine to coarse grained, saturated, loose, trace gravel (Glacial Outwash)	SS 4	67	4-4-4 (8)							
		9.0 866.0										
10.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, saturated, loose, trace gravel (Glacial Outwash)	SS 5	89	2-2-3 (5)							
		10.5 864.5										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-25

Long: -93° 27' 35.7726"
Lat: 45° 16' 8.5477"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 874.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 4.75 ft / Elev 869.75 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches) 0.6 / 873.9	CORE									
		APPARENT AGGREGATE BASE (5.0 inches) 1.0 / 873.5	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to medium grained, moist, trace gravel, occasional bituminous pieces 2.0 / 872.5 **(Undocumented Fill)**										
2.5		SILTY SAND, (SM) dark brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)**	SS 2	83	10-10-9 (19)			10				16
		4.5 / 870.0	SS 3	83	5-3-4-4 (7)							
5.0		▽ POORLY GRADED SAND WITH SILT, (SP-SM) light brown, fine to medium grained, moist to saturated, loose to medium dense, trace gravel (Glacial Outwash)										
7.5			SS 4	44	7-5-5 (10)							
10.0			SS 5	56	8-4-3 (7)							
		10.5 / 864.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-26

Long: -93° 27' 36.1191"
Lat: 45° 16' 9.4588"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 875.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 869.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.5 inches) 0.6 / 874.9	CORE									
		APPARENT AGGREGATE BASE (4.0 inches) 1.0 / 874.5	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) brown to dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)** 2.0 / 873.5										
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, some gravel **(Undocumented Fill)** 4.0 / 871.5	SS 2	58	9-11-12-10 (23)							
5.0		SILTY SAND, (SM) light brown to gray, fine to medium grained, moist, trace gravel **(Undocumented Fill)** 6.5 ▽ / 869.0	SS 3	89	5-6-4 (10)							
7.5		POORLY GRADED SAND, (SP) brown, fine to medium grained, saturated, loose, trace gravel (Glacial Outwash) 9.0 / 866.5	SS 4	78	4-3-3 (6)							
10.0		POORLY GRADED SAND, (SP) gray, fine to medium grained, saturated, loose, trace gravel (Glacial Outwash) 10.5 / 865.0	SS 5	78	1-2-3 (5)							

Bottom of borehole at 10.5 feet.

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NTI NORTHERN TECHNOLOGIES, LLC

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-27

Long: -93° 27' 35.7025"
Lat: 45° 16' 10.4648"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 875.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 5.25 ft / Elev 870.25 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (4.0 inches)*	875.2	CORE									
		0.6 APPARENT AGGREGATE BASE (3.5 inches)	874.9										
		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocuemented Fill)**		AU 1									
		2.0	873.5										
2.5		SILTY SAND, (SM) dark brown to light brown, fine to medium grained, moist, trace gravel **(Undocuemented Fill)**		SS 2	100	7-8-7 (15)			12				22
		4.0	871.5										
5.0		SILTY SAND, (SM) light brown to dark brown, fine grained, moist to saturated, loose, trace gravel (Glacial Outwash) ▽		SS 3	67	5-3-2 (5)			18				25
		7.0	868.5										
7.5		POORLY GRADED SAND WITH SILT, (SP-SM) gray, fine to coarse grained, saturated, loose, trace gravel, occasional silt seams (Glacial Outwash)		SS 4	56	5-3-4 (7)							
		9.0	866.5										
10.0		SILTY SAND, (SM) brown, fine to medium grained, saturated, medium dense, trace gravel (Glacial Outwash)		SS 5	44	6-6-7 (13)							
		10.5	865.0										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-28

Long: -93° 27' 36.0893"
Lat: 45° 16' 11.518"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 876 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 8.00 ft / Elev 868.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---

NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches) 875.4	CORE									
		0.6 APPARENT AGGREGATE BASE (16.0 inches)	AU 1									
		1.9 874.1										
2.5		SILTY SAND, (SM) brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)**	SS 2	44	2-3-4 (7)			6				13
		4.0 872.0										
5.0		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to medium grained, moist to saturated, medium dense, trace gravel (Glacial Outwash)	SS 3	56	6-6-6 (12)							
7.5		▽	SS 4	67	6-4-5 (9)							
		9.0 867.0										
10.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, saturated, loose, trace gravel (Glacial Outwash)	SS 5	50	3-3-3 (6)							
		10.5 865.5										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-29

Long: -93° 27' 35.577"
Lat: 45° 16' 16.4618"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 885 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches)	0.6 / 884.4	CORE									
		APPARENT AGGREGATE BASE (4.0 inches)	0.9 / 884.1										
		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**	2.0 / 883.0	AU 1									
2.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)**		SS 2	89	8-20-18 (38)							
			4.5 / 880.5										
5.0		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, medium dense, trace gravel (Glacial Outwash)		SS 3	56	9-6-6 (12)							
7.5				SS 4	67	7-5-4 (9)							
			9.0 / 876.0										
10.0		SILTY SAND, (SM) brown, fine to medium grained, moist, medium dense, trace gravel (Glacial Outwash)		SS 5	100	8-6-5 (11)							
			10.5 / 874.5										

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-30

Long: -93° 27' 35.9113"
Lat: 45° 16' 19.2242"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 886.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (4.0 inches)	886.2	CORE									
		0.7 APPARENT AGGREGATE BASE (4.0 inches)	885.8										
		SILTY SAND, (SM) dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**		AU 1									
		2.0	884.5										
2.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, some gravel **(Undocumented Fill)**		SS 2	58	11-16-15-18 (31)							
		4.0	882.5										
5.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, moist, loose to medium dense, trace gravel, occasional silt seams (Glacial Outwash)		SS 3	78	6-4-2 (6)							
7.5				SS 4	78	7-4-6 (10)							
10.0				SS 5	78	6-5-4 (9)							
		10.5	876.0										

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
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P: 651-389-4191
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BORING NUMBER SB-31

Long: -93° 27' 35.548"
Lat: 45° 16' 20.4406"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 886 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5	BITUMINOUS PAVEMENT (6.0 inches)* 885.5	CORE									
		0.9	APPARENT AGGREGATE BASE (5.0 inches) 885.1	AU 1									
			POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**										
2.5		2.5	883.5	SS 2	67	6-17-26 (43)							
			POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**										
		4.5	881.5	SS 3	100	6-12-20 (32)							
5.0			SILTY SAND, (SM) dark brown, fine to medium grained, moist, very dense, trace gravel (Glacial Outwash)										
		6.5	879.5	SS 4	100	9-10-11 (21)							
7.5			POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, dense, trace gravel (Glacial Outwash)										
10.0		10.5	875.5	SS 5	33	9-11-9 (20)			4				

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

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Inver Grove Heights
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BORING NUMBER SB-32

Long: -93° 27' 35.895"
Lat: 45° 16' 21.3561"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 881 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (8.0 inches) 0.7 / 880.3	CORE									
		APPARENT AGGREGATE BASE (24.0 inches)	AU 1									
2.5		2.7 / 878.3	SS 2	72	12-10-10 (20)							
		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, trace gravel, occasional clay seams **(Undocumented Fill)** 4.0 / 877.0										
5.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, moist, dense, trace gravel (Glacial Outwash)	SS 3	72	6-7-10 (17)							
		6.5 / 874.5										
7.5		SILTY SAND, (SM) brown, fine to medium grained, moist, medium dense, trace gravel (Glacial Till)	SS 4	56	7-5-7 (12)							
10.0		10.5 / 870.5	SS 5	78	5-5-4 (9)							

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGNIT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-33

Long: -93° 27' 35.529"
Lat: 45° 16' 22.3737"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 877.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (5.5 inches)	877.0	CORE									
		1.0 APPARENT AGGREGATE BASE (6.0 inches)	876.5	AU 1									
		2.0 SILTY SAND, (SM) brown to dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**	875.5										
2.5		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, trace gravel, occasional silt seams **(Undocumented Fill)**		SS 2	78	7-13-15 (28)							
5.0				SS 3	89	8-12-21 (33)							
		7.0	870.5	SS 4	100	7-8-10 (18)							
7.5		8.0 SANDY LEAN CLAY, (CL) brown, moist, stiff, trace gravel (Glacial Till)	869.5										
		SILTY SAND, (SM) gray, fine to coarse grained, saturated, dense, trace gravel (Glacial Till)											
10.0				SS 5	83	8-12-10 (22)							
		10.5	867.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

NTI NORTHERN TECHNOLOGIES, LLC

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-34

Long: -93° 27' 35.9464"
Lat: 45° 16' 23.409"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 874 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 867.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.1 BITUMINOUS PAVEMENT (1.5 inches)* 873.9	CORE AU 1									
		APPARENT AGGREGATE BASE (20.0 inches)										
		2.0 872.0										
2.5		SILTY SAND, (SM) brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)**	SS 2	11	15-11-11 (22)							
		4.0 870.0										
5.0		SILTY SAND, (SM) gray to black, fine to coarse grained, moist, trace gravel, trace organics **(Undocumented Fill)**	SS 3	56	9-6-6 (12)			12				16
		6.5 ▽ 867.5										
7.5		SILTY SAND, (SM) gray, fine to medium grained, saturated, loose, trace gravel, occasional clay seams (Glacial Till)	SS 4	56	6-5-3 (8)							
10.0			SS 5	56	2-2-3 (5)							
		10.5 863.5										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGNIT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-35

Long: -93° 27' 35.5595"
Lat: 45° 16' 24.3356"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 872 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 10.00 ft / Elev 862.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS BASE (7.5 inches)*	871.4	CORE									
		0.6 APPARENT AGGREGATE BASE (5.0 inches)	871.0	AU 1									
		1.0 SILTY SAND, (SM) dark brown, fine to medium grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**	870.0										
2.5		2.0 POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)**	869.0	SS 2	83	6-10-12-14 (22)							
		3.0 SILTY SAND, (SM) dark gray, fine to medium grained, moist, dense to loose, trace gravel, trace organics (Swamp Deposit)		SS 3	83	7-7-8 (15)							
5.0													
7.5				SS 4	100	4-3-2 (5)							
		9.0	863.0										
10.0		▽ SILTY SAND, (SM) dark gray to black, fine to coarse grained, moist to saturated, loose, trace gravel, slightly organic (Swamp Deposit)		SS 5	100	4-3-2 (5)			26				
		10.5 NOTE: Organic content in Sample No. 5 = 2.1%	861.5										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-36

Long: -93° 27' 35.9401"
Lat: 45° 16' 25.2666"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 870 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 4.00 ft / Elev 866.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.4 BITUMINOUS PAVEMENT (4.5 inches) 869.6	CORE									
		0.6 APPARENT AGGREGATE BASE (3.0 inches) 869.4	AU 1									
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 2.0 868.0										
2.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist to saturated, medium dense, trace gravel (Glacial Outwash)	SS 2	67	7-8-7-7 (15)							
		4.0 ▽ 866.0										
5.0		POORLY GRADED SAND, (SP) gray, fine to medium grained, saturated, loose, trace gravel (Glacial Outwash)	SS 3	78	4-3-3 (6)							
		6.5 863.5										
7.5		SILTY SAND, (SM) gray, fine to medium grained, saturated, loose, trace gravel (Glacial Till)	SS 4	78	6-3-2 (5)							
10.0		10.5 859.5	SS 5	67	6-3-2 (5)							

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-37

Long: -93° 27' 35.5735"
Lat: 45° 16' 26.3459"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 867.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 9.50 ft / Elev 858.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.4 BITUMINOUS PAVEMENT (4.0 inches)	867.1	CORE									
		0.7 APPARENT AGGREGATE BASE (4.0 inches)	866.8										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**		AU 1					5				
		2.0	865.5										
2.5		POORLY GRADED SAND, (SP) gray, fine to medium grained, moist, medium dense, trace gravel (Swamp Deposit)		SS 2	100	6-7-8 (15)							
5.0				SS 3	67	7-8-7 (15)							
		6.5	861.0										
7.5		POORLY GRADED SAND WITH SILT, (SP-SM) gray, fine to medium grained, moist to saturated, medium dense, trace gravel (Swamp Deposit)		SS 4	56	7-9-7 (16)							
10.0		▽		SS 5	56	8-6-5 (11)							
		10.5	857.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
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P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-38

Long: -93° 27' 35.9565"
Lat: 45° 16' 27.3554"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 868 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 861.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (4.0 inches) 867.7	CORE									
		APPARENT AGGREGATE BASE (18.0 inches)	AU 1									
		1.8 866.2										
2.5		POORLY GRADED SAND, (SP) light gray, fine to coarse grained, saturated, medium dense, trace gravel (Glacial Outwash)	SS 2	56	4-6-7 (13)							
5.0			SS 3	56	4-7-6 (13)							
		6.5 ▽ 861.5										
7.5		SILTY SAND, (SM) gray, fine to coarse grained, saturated, medium dense to loose, trace gravel (Glacial Till)	SS 4	50	6-8-6 (14)							
10.0			SS 5	39	2-3-3 (6)							
		10.5 857.5										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
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Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-39

Long: -93° 27' 35.5876"
Lat: 45° 16' 28.2537"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 868.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 11.50 ft / Elev 857.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (5.5 inches)* 868.0	CORE									
		0.9 APPARENT AGGREGATE BASE (5.0 inches) 867.6	AU 1									
		SILTY SAND, (SM) dark brown, fine to medium grained, moist, trace gravel, occasional bituminous pieces, trace organics										
		2.0 **(Undocumented Fill)** 866.5										
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) dark gray to brown, fine to medium grained, moist, loose to very loose, trace gravel (Swamp Deposit)	SS 2	83	2-3-4-3 (7)							
5.0			SS 3	67	4-2-2 (4)							
7.5		7.5 861.0	SS 4	100	4-2-3 (5)							
		SILTY SAND, (SM) dark gray, fine to medium grained, moist, loose, trace gravel, occasional peat seams, occasional clay seams, slightly organic (Swamp Deposit)										
		9.0 859.5										
10.0		SANDY SILT, (ML) gray, moist, medium, trace gravel, trace organics (Swamp Deposit)	SS 5	83	4-2-4 (6)			17				61
		11.5 ▽ 857.0										
12.5		POORLY GRADED SAND WITH SILT, (SP-SM) gray, fine to coarse grained, saturated, very loose, trace gravel, occasional peat seams and shells (Swamp Deposit)	SS 6	100	5-2-2 (4)							
		14.0 854.5	SS 7	67	1-2-4 (6)							
15.0		PEAT, (Pt) black, moist, soft (Swamp Deposit)										

(Continued Next Page)

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-39

Long: -93° 27' 35.5876"
Lat: 45° 16' 28.2537"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
		PEAT, (Pt) black, moist, soft (Swamp Deposit) *(continued)*										
17.5		NOTE: Organic content in Sample No. 8 = 53.7%	SS 8	78	1-2-2 (4)			236				
		18.5	850.0									

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 18.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-40

Long: -93° 27' 35.9729"
Lat: 45° 16' 29.3656"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 869 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 7.00 ft / Elev 862.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (4.0 inches)* 868.7	CORE									
		APPARENT AGGREGATE BASE (10.0 inches)	AU 1									
		1.2 867.8										
		1.5 POORLY GRADED SAND WITH SILT, (SP-SM) dark brown to brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 867.5										
2.5		SILTY SAND, (SM) brown, fine to medium grained, saturated, trace gravel **(Undocumented Fill)**	SS 2	72	9-9-4 (13)			12				8
		4.0 865.0										
5.0		POORLY GRADED SAND WITH SILT, (SP-SM) dark gray to gray, fine to medium grained, moist to saturated, loose to very loose, trace gravel (Swamp Deposit)	SS 3	78	2-3-3 (6)							
		▽										
7.5			SS 4	83	2-3-2 (5)							
10.0			SS 5	72	2-2-2 (4)							
		10.5 858.5										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-41

Long: -93° 27' 35.6226"
Lat: 45° 16' 30.2587"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 870 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 5.50 ft / Elev 864.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches) 869.5	CORE									
		0.9 APPARENT AGGREGATE BASE (5.0 inches) 869.1										
		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 2.0 868.0	AU 1									
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to medium grained, moist, trace gravel **(Undocumented Fill)** 3.5 866.5	SS 2	63	7-9-8-6 (17)							
5.0		POORLY GRADED SAND, (SP) gray, fine to medium grained, moist to saturated, dense to medium dense, trace gravel (Swamp Deposit) ▽ 6.5 863.5	SS 3	67	4-5-5 (10)							
7.5		SILTY SAND, (SM) dark gray, fine to medium grained, saturated, very loose, trace gravel, occasional silt seams (Swamp Deposit) 9.0 861.0	SS 4	56	4-2-2 (4)							
10.0		POORLY GRADED SAND WITH SILT, (SP-SM) dark gray, fine to coarse grained, saturated, very loose, trace gravel, trace organics, occasional shells (Swamp Deposit) 10.5 859.5	SS 5	89	1-2-2 (4)			27				7

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-42

Long: -93° 27' 35.9686"
Lat: 45° 16' 31.212"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/26/19 **COMPLETED** 9/26/19
GROUND ELEVATION 870.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 9.00 ft / Elev 861.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (3.5 inches)	870.2	CORE									
		0.6 APPARENT AGGREGATE BASE (4.0 inches)	869.9										
		SILTY SAND, (SM) dark brown, fine to coarse grained, moist, trace gravel, trace organics **(Undocumented Fill)**		AU 1									
		2.0	868.5										
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) gray, fine to coarse grained, moist, medium dense to loose, trace gravel (Swamp Deposit)		SS 2	67	4-5-4-6 (9)			12				
5.0				SS 3	89	5-3-4 (7)							
7.5				SS 4	78	5-3-4 (7)							
		9.0 ▽	861.5										
10.0		SANDY SILT, (ML) brown, wet, medium, trace gravel (Swamp Deposit)		SS 5	78	3-3-3 (6)							
		10.5	860.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-43

Long: -93° 27' 35.9598"
Lat: 45° 16' 31.8671"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 871.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 2.50 ft / Elev 869.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (3.0 inches)*	871.3	CORE									
		0.8 APPARENT AGGREGATE BASE (6.5 inches)	870.7										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**		AU 1									
		2.0	869.5										
2.5		▽ POORLY GRADED SAND WITH SILT, (SP-SM) dark gray, fine to medium grained, saturated, medium dense, trace gravel (Swamp Deposit)		SS 2	92	9-6-6-8 (12)							
		4.0	867.5										
5.0		SANDY SILT, (ML) brown, wet to moist, rather stiff to medium, trace gravel (Swamp Deposit)		SS 3	67	6-7-7 (14)			15				73
7.5				SS 4	44	1-4-4 (8)							
10.0				SS 5	67	4-2-3 (5)							
		10.5	861.0										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

NTI NORTHERN TECHNOLOGIES, LLC

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-44

Long: -93° 27' 35.957"
Lat: 45° 16' 33.1465"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 872.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 866.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.5 inches)*	872.0	CORE									
		1.0 APPARENT AGGREGATE BASE (6.0 inches)	871.5	AU 1									
		2.0 SILTY SAND, (SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**	870.5										
2.5		4.0 SILTY SAND, (SM) dark gray, fine to medium grained, moist, trace gravel, occasional silt seams **(Undocumented Fill)**	868.5	SS 2	63	7-8-9-10 (17)							
5.0		6.5 ▽ SILTY SAND, (SM) brown to gray, fine to coarse grained, moist, trace gravel, occasional silt seams **(Undocumented Fill)**	866.0	SS 3	67	8-8-7 (15)							
7.5		7.5 SILTY SAND, (SM) dark gray, fine to coarse grained, saturated, very loose, trace gravel, trace organics (Swamp Deposit)	865.0	SS 4	44	3-2-2 (4)							
		PEAT, (Pt) black, moist, soft, trace gravel (Swamp Deposit)											
10.0		NOTE: Organic content in Sample No. 5 = 44.5%		SS 5	44	1-1-1 (2)			205				
		10.5	862.0										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:00 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-45

Long: -93° 27' 35.9337"
Lat: 45° 16' 34.1427"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 874.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.00 ft / Elev 868.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (6.5 inches) 874.0	CORE									
		0.5 APPARENT AGGREGATE BASE (6.5 inches) 873.4	AU 1									
		1.1 SILTY SAND, (SM) dark brown to brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces 872.5										
		2.0 **(Undocumented Fill)**										
2.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, dense, trace gravel (Glacial Outwash)	SS 2	63	9-9-8-7 (17)							
		4.0 870.5										
5.0		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist to saturated, loose, trace gravel (Glacial Outwash)	SS 3	100	6-4-4 (8)							
		▽ 6.5 868.0										
7.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, saturated, very loose to loose, trace gravel, occasional peat seams (Glacial Outwash)	SS 4	100	4-2-1 (3)			26				
10.0			SS 5	44	2-3-3 (6)							
		10.5 864.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-46

Long: -93° 27' 35.9034"
Lat: 45° 16' 35.2406"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 877.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 3.00 ft / Elev 874.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.5 inches) 877.0	CORE									
		1.1 APPARENT AGGREGATE BASE (7.0 inches) 876.4	AU 1									
2.5		SILTY SAND, (SM) brown, fine to coarse grained, moist to saturated, trace gravel, occasional bituminous pieces **(Undocumented Fill)** ▽ 4.0 873.5	SS 2	0	13-7-7-7 (14)							
5.0		5.0 POORLY GRADED SAND WITH SILT, (SP-SM) light brown, fine to coarse grained, saturated, loose, trace gravel (Swamp Deposit) 872.5	SS 3	67	6-3-3 (6)							
		POORLY GRADED SAND, (SP) brown to gray, fine to coarse grained, saturated, loose, trace gravel (Swamp Deposit) 6.5 871.0										
7.5		POORLY GRADED SAND, (SP) dark gray, fine to medium grained, saturated, very loose, trace gravel, occasional silt seams, trace organics (Swamp Deposit)	SS 4	67	2-1-2 (3)							
10.0		10.5 867.0	SS 5	67	0-0-1 (1)			24				3

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
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P: 651-389-4191
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BORING NUMBER SB-47

Long: -93° 27' 35.5649"
Lat: 45° 16' 36.1481"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/24/19 **COMPLETED** 9/24/19
GROUND ELEVATION 877.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 3.00 ft / Elev 874.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.4 BITUMINOUS PAVEMENT (5.0 inches) 877.1	CORE									
		0.7 APPARENT AGGREGATE BASE (3.0 inches) 876.8	AU 1									
		SILTY SAND, (SM) brown to dark brown, fine to coarse grained, moist to saturated, trace gravel, trace organics **(Undocumented Fill)**										
2.5		▽	SS 2	92	5-4-4-4 (8)							
		4.0 873.5 SILTY SAND, (SM) light brown, fine to medium grained, saturated, loose to very loose, trace gravel (Swamp Deposit)	SS 3	100	2-2-3 (5)							
5.0												
		7.0 870.5 POORLY GRADED SAND, (SP) light brown, fine to medium grained, saturated, very loose, trace gravel, slightly organic, occasional peat seams (Swamp Deposit)	SS 4	67	4-3-1 (4)							
7.5												
		NOTE: Organic content in Sample No. 5 = 5.2%	SS 5	100	2-1-1 (2)			56				
10.0		10.5 867.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
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BORING NUMBER SB-48

Long: -93° 27' 35.9317"
Lat: 45° 16' 37.1461"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 881 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 3.50 ft / Elev 877.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.5 inches) 0.6 / 880.4	CORE									
		APPARENT AGGREGATE BASE (7.0 inches) 1.2 / 879.8	AU 1									
		SILTY SAND, (SM) dark brown, fine to coarse grained, moist to saturated, trace gravel, occasional bituminous pieces 2.0 / 879.0 **(Undocumented Fill)**										
2.5		POORLY GRADED SAND, (SP) brown, fine to coarse grained, saturated, medium dense to very loose, trace gravel ▽ (Swamp Deposit)	SS 2	50	5-6-7-6 (13)							
5.0			SS 3	83	4-3-3 (6)							
7.5		7.5 / 873.5 POORLY GRADED SAND, (SP) gray, fine to coarse grained, saturated, very loose, trace gravel (Swamp Deposit)	SS 4	100	1-2-0 (2)							
10.0		10.5 / 870.5	SS 5	56	0-0-0 (0)							

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
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P: 651-389-4191
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BORING NUMBER SB-49

Long: -93° 27' 35.5362"
Lat: 45° 16' 38.1224"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 883.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 877.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (3.0 inches)	883.3	CORE									
		0.6 APPARENT AGGREGATE BASE (4.0 inches)	882.9										
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, little gravel, occasional bituminous pieces **(Undocumented Fill)**		AU 1									
		2.0	881.5										
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**		SS 2	75	12-15-15-17 (30)							
5.0		5.0	878.5	SS 3	83	10-8-5 (13)							
		SILTY SAND, (SM) gray, fine to medium grained, moist, medium dense, trace gravel, trace organics (Swamp Deposit)											
		6.5 ▽	877.0										
		SANDY SILT, (ML) gray, wet to moist, medium, trace gravel, occasional peat seams (Swamp Deposit)		SS 4	67	5-3-3 (6)			13				
7.5													
				SS 5	89	3-2-3 (5)							
10.0		10.5	873.0										

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
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BORING NUMBER SB-50

Long: -93° 27' 35.8941"
Lat: 45° 16' 39.1191"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 885.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 879.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches)* 885.0	CORE									
		1.2 APPARENT AGGREGATE BASE (8.0 inches) 884.3	AU 1									
		2.0 SILTY SAND, (SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)** 883.5										
2.5		POORLY GRADED SAND, (SP) light brown to brown, fine to coarse grained, moist, dense, trace gravel (Glacial Outwash)	SS 2	75	9-12-11-10 (23)							
		4.0 881.5										
5.0		CLAYEY SAND, (SC) reddish brown, fine to coarse grained, moist, loose, trace gravel (Glacial Till)	SS 3	67	5-2-3 (5)			12				
		6.5 ▽ 879.0										
7.5		POORLY GRADED SAND, (SP) dark brown, fine to medium grained, saturated, loose, trace gravel, trace organics (Glacial Outwash)	SS 4	72	5-4-3 (7)							
10.0			SS 5	56	2-3-3 (6)							
		10.5 875.0										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-51

Long: -93° 27' 35.4952"
Lat: 45° 16' 40.1027"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 887 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 7.50 ft / Elev 879.50 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches) 886.5	CORE									
		0.9 APPARENT AGGREGATE BASE (4.5 inches) 886.1										
		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 2.0 885.0	AU 1									
2.5		SILTY SAND, (SM) brown to dark brown, fine to medium grained, moist, trace gravel, trace organics **(Undocumented Fill)** 4.0 883.0	SS 2	75	7-11-13-16 (24)							
5.0		POORLY GRADED SAND WITH SILT, (SP-SM) light brown to dark brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 6.5 880.5	SS 3	100	6-6-7 (13)							
7.5		▽ POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist to saturated, loose, trace gravel (Glacial Outwash)	SS 4	67	4-3-4 (7)							
10.0		10.5 876.5	SS 5	67	3-2-3 (5)							

Bottom of borehole at 10.5 feet.

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Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-52

Long: -93° 27' 35.8"
Lat: 45° 16' 41.0174"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 889.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 8.50 ft / Elev 881.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (5.5 inches)	889.0	CORE									
		0.9 APPARENT AGGREGATE BASE (5.0 inches)	888.6										
		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)** 2.0	887.5	AU 1									
2.5		2.5 SILTY SAND, (SM) dark brown, fine to coarse grained, moist, trace gravel, trace organics **(Undocumented Fill)**	887.0	SS 2	75	10-11-11-10 (22)							
		POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to medium grained, moist, trace gravel, occasional organic seams 4.0 **(Undocumented Fill)**	885.5										
5.0		SANDY LEAN CLAY, (CL) dark gray to brown, moist, trace gravel, trace organics **(Undocumented Fill)**		SS 3	83	4-3-2 (5)			26				
		6.5	883.0										
7.5		POORLY GRADED SAND, (SP) gray to brown, fine to coarse grained, moist to saturated, medium dense, trace gravel, occasional clay seams (Glacial Outwash)		SS 4	67	6-7-7 (14)							
		▽ 9.0	880.5										
10.0		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, saturated, loose, trace gravel (Glacial Outwash)		SS 5	100	1-3-2 (5)							
		10.5	879.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGNIT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-53

Long: -93° 27' 35.3739"
Lat: 45° 16' 46.1415"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 894.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (7.0 inches)	893.9	CORE									
		0.6 APPARENT AGGREGATE BASE (7.0 inches)	893.3	AU 1									
		1.2 POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**	892.5										
2.5		2.0 POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, dense, trace gravel (Glacial Outwash)		SS 2	58	11-14-12-11 (26)							
5.0		4.0 POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, medium dense to loose, trace gravel (Glacial Outwash)	890.5	SS 3	56	7-6-5 (11)							
7.5				SS 4	50	8-3-4 (7)							
		9.0 POORLY GRADED SAND WITH GRAVEL, (SP) dark brown, fine to coarse grained, moist, medium dense (Glacial Outwash)	885.5	SS 5	56	7-5-6 (11)							
10.0		10.5	884.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGNIT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-54

Long: -93° 27' 35.6145"
Lat: 45° 16' 50.9392"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 903.4 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		BITUMINOUS PAVEMENT (6.5 inches)	902.9	CORE									
		0.5 APPARENT AGGREGATE BASE (6.0 inches)	902.4										
		1.0 POORLY GRADED SAND WITH SILT, (SP-SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**	901.4	AU 1									
2.5		2.0 POORLY GRADED SAND WITH SILT, (SP-SM) brown to light brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**		SS 2	83	6-7-7-7 (14)							
5.0		4.0 POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, medium dense to loose, trace gravel (Glacial Outwash)	899.4	SS 3	67	3-6-5 (11)							
7.5				SS 4	56	4-4-2 (6)							
		9.0 POORLY GRADED SAND, (SP) light brown to white, fine grained, moist, loose, trace gravel (Glacial Outwash)	894.4										
10.0		10.5	892.9	SS 5	56	6-4-3 (7)							

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-55

Long: -93° 27' 35.2133"
Lat: 45° 16' 55.8969"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 905.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.5 inches) 905.0	CORE					4				
		1.2 APPARENT AGGREGATE BASE (8.0 inches) 904.3	AU 1									
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown to dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)** 4.0 901.5	SS 2	88	11-18-19-13 (37)							
		4.5 POORLY GRADED SAND WITH SILT, (SP-SM) light brown, fine to medium grained, moist, trace gravel 901.0 **(Undocumented Fill)**	SS 3	100	6-4-6 (10)							
5.0		POORLY GRADED SAND, (SP) brown, fine to medium grained, moist, medium dense, trace gravel (Glacial Outwash) 6.5 899.0										
7.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, medium dense to loose, trace gravel, occasional silt seams (Glacial Outwash)	SS 4	83	5-5-5 (10)							
10.0		10.5 895.0	SS 5	67	4-4-3 (7)							

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-56

Long: -93° 27' 35.519"
Lat: 45° 17' 1.1925"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 904.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches)* 904.0	CORE									
		1.2 APPARENT AGGREGATE BASE (8.0 inches) 903.3	AU 1									
		2.0 **(Undocumented Fill)** SILTY SAND, (SM) brown, fine to medium grained, moist, trace gravel 902.5										
2.5		SILTY SAND, (SM) dark brown to brown, fine to medium grained, moist, trace gravel, trace organics **(Undocumented Fill)** 4.0 900.5	SS 2	75	4-3-7-9 (10)							
5.0		POORLY GRADED SAND, (SP) brown, fine to medium grained, moist, loose, trace gravel (Glacial Outwash) 6.5 898.0	SS 3	83	6-4-4 (8)							
7.5		SILTY SAND, (SM) brown, fine to coarse grained, moist, loose, trace gravel (Glacial Outwash) 9.0 895.5	SS 4	100	4-4-3 (7)							
10.0		POORLY GRADED SAND WITH SILT AND GRAVEL, (SP-SM) brown, fine to coarse grained, moist, loose (Glacial Outwash) 10.5 894.0	SS 5	44	3-2-4 (6)							

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-57

Long: -93° 27' 35.1487"
Lat: 45° 17' 3.8128"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 903.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.5 BITUMINOUS PAVEMENT (6.0 inches)*	903.0	CORE									
		1.1 APPARENT AGGREGATE BASE (7.0 inches)	902.4	AU 1									
		2.0 POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, little gravel **(Undocumented Fill)**	901.5										
2.5		4.0 POORLY GRADED SAND, (SP) tan, fine to medium grained, moist, dense, trace gravel (Glacial Outwash)	899.5	SS 2	75	7-10-8-10 (18)							
5.0		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, medium dense to loose, trace gravel (Glacial Outwash)		SS 3	83	5-5-5 (10)							
7.5				SS 4	67	4-4-3 (7)							
		9.0	894.5										
10.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, moist, medium dense, little gravel (Glacial Outwash)		SS 5	67	5-5-5 (10)							
		10.5	893.0										

*Pavement core thickness may not be representative due to crumbling during coring process.
Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-58

Long: -93° 27' 39.0901"
Lat: 45° 15' 46.7893"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 901 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (3.0 inches) 900.8	CORE									
		APPARENT AGGREGATE BASE (12.0 inches)	AU 1					6				
		1.3 899.8 SILTY SAND, (SM) brown to dark brown, fine to coarse grained, trace gravel **(Undocumented Fill)**										
2.5			SS 2	67	6-6-7 (13)							
		4.0 897.0 POORLY GRADED SAND, (SP) light brown, fine to coarse grained, moist, medium dense, trace gravel (Glacial Outwash)										
5.0			SS 3	100	5-5-4 (9)							
		6.5 894.5 POORLY GRADED SAND, (SP) light gray, fine to coarse grained, medium dense to loose, trace gravel (Glacial Outwash)										
7.5			SS 4	100	4-6-5 (11)							
10.0			SS 5	89	3-3-4 (7)							
		10.5 890.5										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-59

Long: -93° 27' 41.7199"
Lat: 45° 15' 46.7856"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 900.5 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
▽ **AT TIME OF DRILLING** 6.50 ft / Elev 894.00 ft
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (3.0 inches) 900.3	CORE									
		APPARENT AGGREGATE BASE (8.0 inches) 0.9 899.6	AU 1					4				
		SILTY SAND, (SM) black, fine to coarse grained, moist, trace gravel, occasional bituminous pieces, slightly organic 1.5 899.0										
		(Undocumented Fill)										
		NOTE: Organic content in Sample No. 1 = 3.0%										
2.5		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, medium dense to loose, trace gravel	SS 2	67	4-5-6 (11)							
		(Glacial Outwash)										
5.0			SS 3	78	4-4-3 (7)							
		6.5 ▽ 894.0										
7.5		SILTY SAND, (SM) brown, fine to medium grained, saturated, loose, trace gravel (Glacial Outwash)	SS 4	89	4-4-4 (8)							
		9.0 891.5										
10.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, saturated, loose, trace gravel (Glacial Outwash)	SS 5	78	2-3-3 (6)							
		10.5 890.0										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY1\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORT\SIGNIT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-60

Long: -93° 27' 44.5573"
Lat: 45° 15' 46.7916"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 900 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION		SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (3.5 inches)	899.7	CORE									
		APPARENT AGGREGATE BASE (8.0 inches)											
		1.0	899.0	AU 1									
		1.5 SILTY SAND, (SM) dark brown, fine to coarse grained, moist, trace gravel, occasional bituminous pieces **(Undocumented Fill)**	898.5										
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to medium grained, moist, loose, trace gravel (Glacial Outwash)		SS 2	89	4-4-4 (8)							
		4.0	896.0										
5.0		POORLY GRADED SAND, (SP) light brown, fine to medium grained, moist, medium dense to loose, trace gravel (Glacial Outwash)		SS 3	100	4-4-5 (9)							
7.5				SS 4	89	4-4-3 (7)							
		9.0	891.0										
10.0		POORLY GRADED SAND, (SP) light brown, fine to coarse grained, moist, medium dense, trace gravel (Glacial Outwash)		SS 5	100	4-4-5 (9)							
		10.5	889.5										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

Inver Grove Heights
6160 Carmen Avenue East
Inver Grove Heights, MN 55076
P: 651-389-4191
www.NTIgeo.com

BORING NUMBER SB-61

Long: -93° 27' 47.4813"
Lat: 45° 15' 46.8017"

CLIENT City of Ramsey
PROJECT NAME 20-01 Variolite Street Reconstruction
PROJECT NUMBER 19.MSP09109.000
PROJECT LOCATION Ramsey, Minnesota
DATE STARTED 9/25/19 **COMPLETED** 9/25/19
GROUND ELEVATION 900 feet **HOLE SIZE** 6 1/2 in.
DRILLING CONTRACTOR NTI
GROUND WATER LEVELS:
DRILLING METHOD 3 1/4 in H.S.A
AT TIME OF DRILLING --- No Groundwater observed
LOGGED BY Drew Faherty **CHECKED BY** Deb Schroeder
AT END OF DRILLING ---
CAVE IN (ft) --- **FROST DEPTH (ft)** ---
AFTER DRILLING ---
NOTES Elevation determined using Trimble GeoXH 6000 (Anoka County datum).

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS: LIQUID LIMIT	ATTERBERG LIMITS: PLASTIC LIMIT	ATTERBERG LIMITS: PLASTICITY INDEX	FINES
0.0		0.3 BITUMINOUS PAVEMENT (3.5 inches) 899.7	CORE									
		APPARENT AGGREGATE BASE (18.0 inches)	AU 1									
		1.8 898.2										
2.5		POORLY GRADED SAND WITH SILT, (SP-SM) brown, fine to coarse grained, moist, trace gravel **(Undocumented Fill)**	SS 2	78	4-5-6 (11)							
		4.0 896.0										
5.0		POORLY GRADED SAND, (SP) brown, fine to coarse grained, moist, loose to medium dense, trace gravel (Glacial Outwash)	SS 3	89	3-4-4 (8)							
7.5			SS 4	100	4-4-3 (7)							
10.0			SS 5	100	9-6-6 (12)							
		10.5 889.5										

Bottom of borehole at 10.5 feet.

NTI LOG - GENERAL (USE THIS ONE) - NTI-2017-09-14.GDT - 10/10/19 14:01 - R:\RAMSEY\1-PROJECTS\2019 PROJECTS\20-01 VARIOLITE STREET RECONSTRUCTION_GEO_19.MSP_09109.000\ENGINEERING REPORTS\GINT\VARIOLITE BORING LOGS.GPJ

APPENDIX D

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-1 and SB-2

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-1 Core Photograph



SB-2 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-3 and SB-4

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-3 Core Photograph



SB-4 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-5 and SB-6

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-5 Core Photograph



SB-6 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-7 and SB-8

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-7 Core Photograph



SB-8 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-9 and SB-10

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-9 Core Photograph



SB-10 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-11 and SB-12

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-11 Core Photograph



SB-12 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-13 and SB-14

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-13 Core Photograph



SB-14 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-15 and SB-16

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-15 Core Photograph



SB-16 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-17 and SB-18

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-17 Core Photograph



SB-18 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-19 and SB-20

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-19 Core Photograph



SB-20 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-21 and SB-22

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-21 Core Photograph



SB-22 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-23 and SB-24

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-23 Core Photograph



SB-24 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-25 and SB-26

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-25 Core Photograph



SB-26 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-27 and SB-28

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-27 Core Photograph



SB-28 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-29 and SB-30

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-29 Core Photograph



SB-30 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-31 and SB-32

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-31 Core Photograph



SB-32 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-33 and SB-34

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-33 Core Photograph



SB-34 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-35 and SB-36

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-35 Core Photograph



SB-36 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-37 and SB-38

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-37 Core Photograph



SB-38 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-39 and SB-40

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-39 Core Photograph



SB-40 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-41 and SB-42

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-41 Core Photograph



SB-42 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-43 and SB-44

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-43 Core Photograph



SB-44 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-45 and SB-46

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-45 Core Photograph



SB-46 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-47 and SB-48

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-47 Core Photograph



SB-48 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-49 and SB-50

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-49 Core Photograph



SB-50 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-51 and SB-52

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-51 Core Photograph

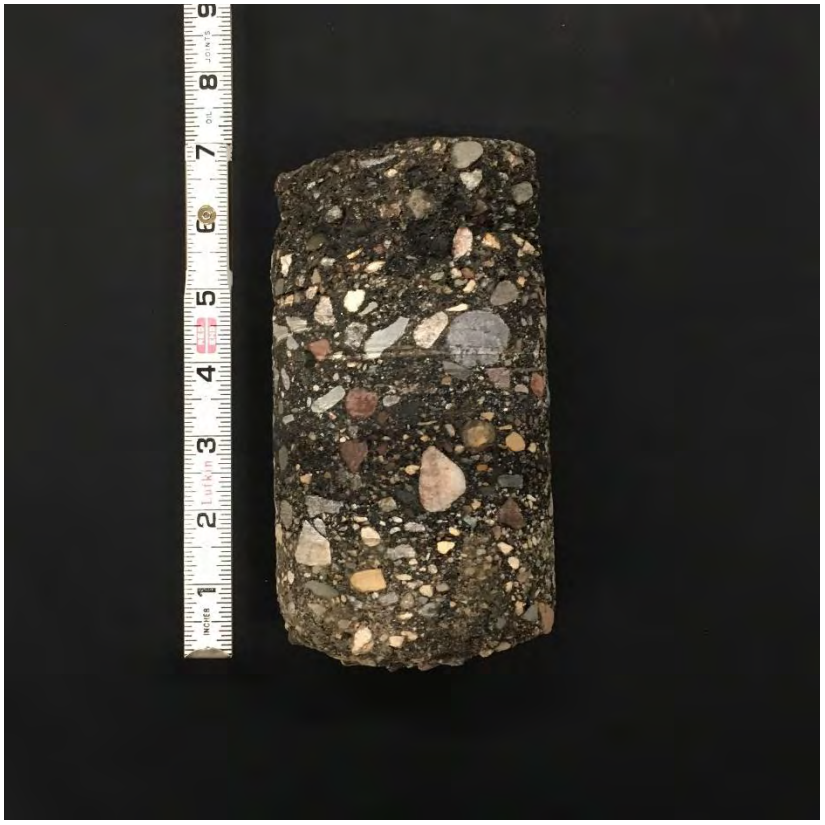


SB-52 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-53 and SB-54

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-53 Core Photograph



SB-54 Core Photograph

NTI™
NORTHERN TECHNOLOGIES, LLC

SB-55 and SB-56

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-55 Core Photograph

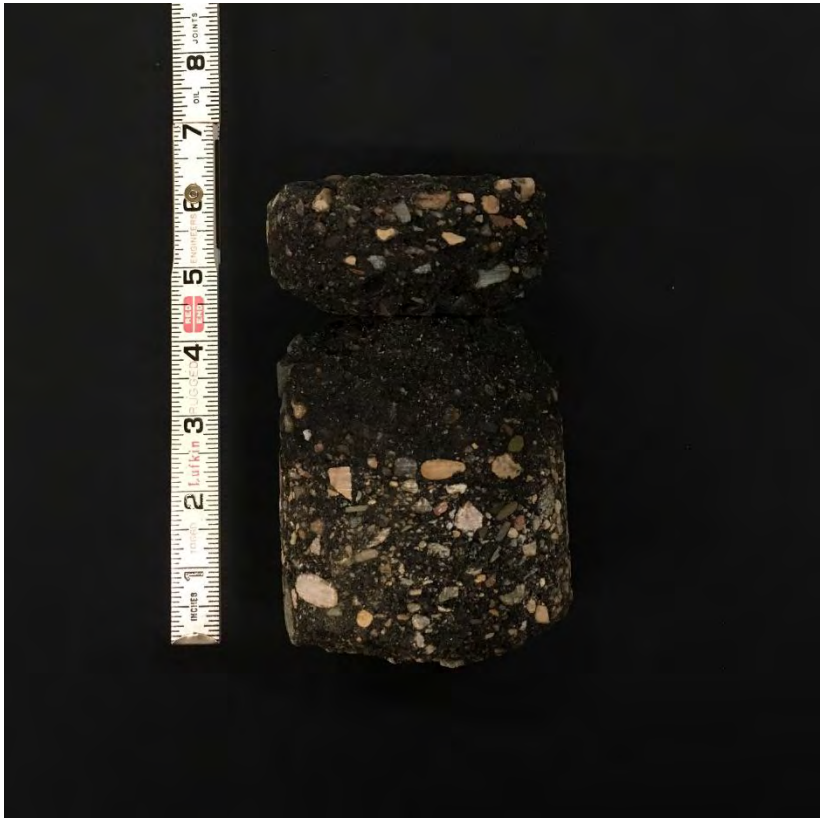


SB-56 Core Photograph

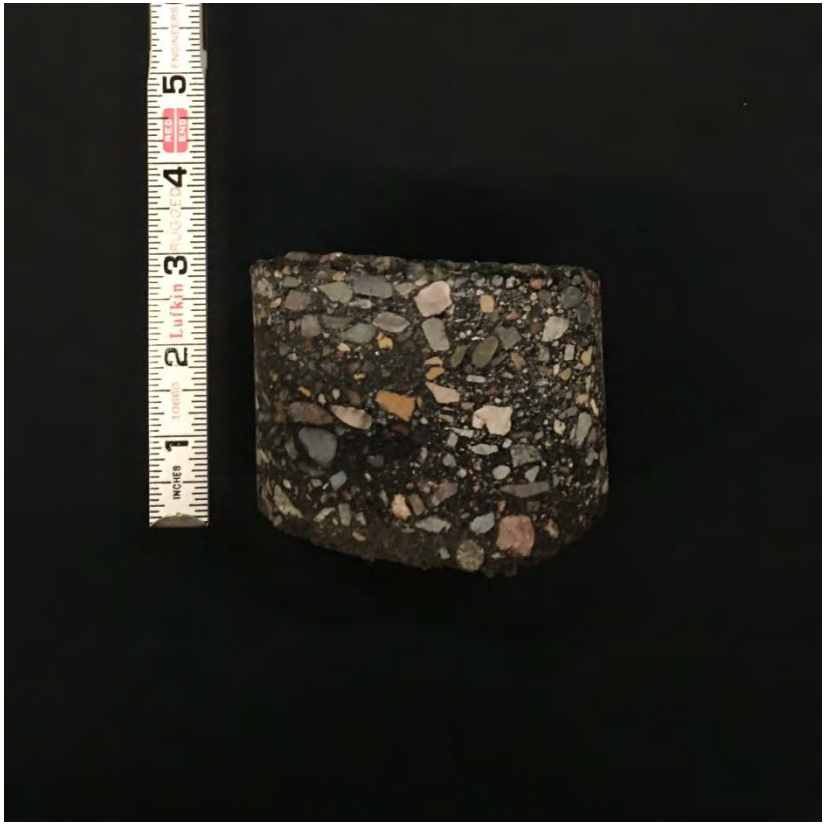
NTI
NORTHERN TECHNOLOGIES, LLC

SB-57 and SB-58

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-57 Core Photograph

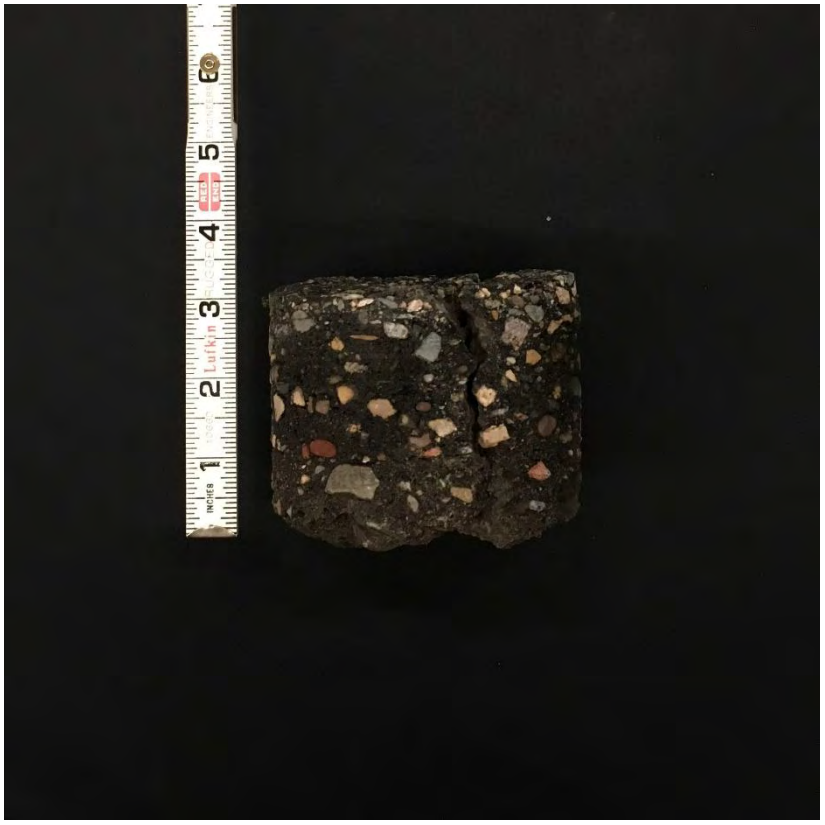


SB-58 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-59 and SB-60

20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-59 Core Photograph



SB-60 Core Photograph

NTI
NORTHERN TECHNOLOGIES, LLC

SB-61
20-01 Variolite Street Reconstruction
19.MSP09109.000



SB-61 Core Photograph

Braun Intertec Corporation
11001 Hampshire Avenue S
Minneapolis, MN 55438

Phone: 952.995.2000
Fax: 952.995.2020
Web: braunintertec.com

March 5, 2020 Project B2001583

Joe Feriancek, PE
City of Ramsey
7550 Sunwood Drive NW
Ramsey, MN 55303

Re: Summary Letter – Drain Tile Design Recommendations
20-01 Variolite Street Reconstruction
168th Avenue and 169th Lane
Ramsey, Minnesota

Dear Mr. Feriancek:

This letter serves as a summary of drain tile design recommendations for a 200-foot section of Variolite Street as part of the overall street reconstruction of Variolite Street, from Alpine Drive to 173rd Avenue.

Our Understanding of Project

The City of Ramsey (City) has requested the analysis and design recommendation of a drain tile system for a 200-foot section of Variolite Street which has been displaying high groundwater conditions. According to the RFP, the high groundwater condition is occurring approximately 700 feet north of the Trott Brook and adjacent wetland.

The City completed a patch of the 200-foot section back in 2015, backfilling the road with 4 feet of select granular before placing a standard pavement section on top. According to the City, it appears the patched roadway is failing, and the City has determined that high groundwater conditions are contributing to the pavement deterioration.

Background Information and Reference Documents

We reviewed the following information:

- Previous geotechnical report prepared by Northern Technologies, LLC (NTI) and dated October 11, 2019 (NTI Project No. 19.MSP09109.000).

- Plan and Profile Drawing of Variolite Street from Trott Brook to 169th Lane prepared by the City and dated February 14, 2020.

- Cross Section of Variolite Street from Trott Brook to 169th Lane prepared by the City and dated February 21, 2020.

- Photographs of the patch area provided by the City with no date or time stamp available.

- Communications with the City.

Observations

Based on our review of the background information and reference documents listed above, we have made the following observations.

- Based on our review of the soil borings and laboratory testing previously performed by NTI, it appears the soils present directly beneath the apparent aggregate base are variable, and range from poorly graded sand to silty sand with percent passing the #200 sieve ranging from 3 to 15 percent.

- Based on our review of cross sections of the study area, it appears the ditches coincidental to the subject 200-foot section of Variolite Street are relatively flat and almost non-existent with adjacent grades extending to the road surface. It is a possibility that the compromised ditch within the study area may have been a result of the construction related to the patch work previously conducted in 2015.

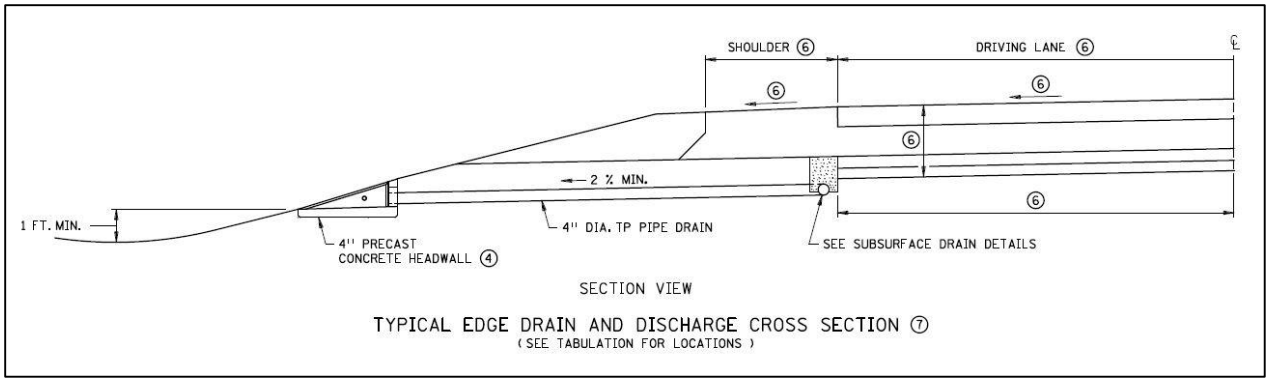
- After reviewing the photographs and the cross sections, it appears the patch area is retaining a significant amount of water within the aggregate base and subgrade soils. This may be the result of a bath-tub like condition where the aggregate base and subgrade soils are not allowed to drain water downhill due to increased silt within the subgrade soils. Additionally, it appears that water drainage is limited laterally by a lack of day lighted subgrade materials extending to the current relatively flat ditches that are in close proximity to the pavement surface in this area.

Recommendations

Prior to installing the drain tile system, we recommend cleaning up and reconstructing the in slopes along both sides of the roadway between Stations 87+00 and 90+00. This will remove any buildup of non-permeable soils, and allow for proper day lighting of the aggregate base and subgrade soils out to the in slopes. We recommend the in slopes be maintained at 3H:1V, or flatter along the alignment. In addition, we recommend reconstructing the ditches along both sides of the roadway between Stations 87+00 and 90+00. If feasible, we recommend re-grading and subcutting the existing ditch bottoms 1 foot between Stations 87+00 and 88+00 and 2 feet between Stations 88+00 and 90+00 to allow for more defined drainage along the roadway.

We recommend incorporating a minimum of 12 inches of select granular material meeting the MnDOT Specification 3149.2.B.2 below the aggregate base. We recommend installing a 4-inch perforated PVC pipe with geotextile wrap directly beneath the bottom of the aggregate base section within the sand subbase layer. These drains should be placed perpendicular to the roadway at 50-foot intervals between Stations 88+00 and 90+00. The drain tile system should be day lighted within the sand subbase section out to the edges of the roadway and discharge a minimum of 1 foot above the bottom of the re-graded ditch. We have included a typical drawing from MnDOT's Standard Plan 5-297.433 for Typical Edge Drain and Discharge Cross Section for your reference.

Figure 1. Typical Edge Drain and Discharge Cross Section



Remarks

In performing its services, Braun Intertec used that degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession currently practicing in the same locality. No warranty, express or implied, is made.

If you have any questions about this summary letter, please contact Brian Schreurs at 952.995.2256 or (bschreurs@braunintertec.com) or Ray Huber at 952.995.2260 or (rhuber@braunintertec.com).

Sincerely,

BRAUN INTERTEC CORPORATION

Professional Certification:
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Brian J. Schreurs, PE
Project Engineer
License Number: 53147
March 5, 2020



Ray A. Huber, PE
Vice President, Principal Engineer

BRAUN
INTERTEC

Memorandum

To: Joe Feriancek, PE

From: Andrea Blanchette, PE
Tom Wood
Sheue Torng Lee

Date: January 10, 2020

Re: Variolite Street Pavement Coring Forensic Report
City of Ramsey
WSB Project No. 015406-000

Introduction

WSB is pleased to submit this pavement forensics report detailing the results of the pavement coring which was completed on January 9, 2020 in the City of Ramsey. The various characteristics of the pavement cores were summarized to provide information to the City to assist in determining the appropriate pavement maintenance or rehabilitation method for Variolite Street.

A total of 8 pavement cores were obtained along the shoulder of Variolite Street between Alpine Drive and 173rd Avenue. The locations of the pavement cores are summarized in **Figure 1**. A summary of the pavement depths and conditions for the shoulder of the street are shown in **Table 1**. Pictures of the cores obtained can be found in the **Appendix**.

701 XENIA AVENUE S | SUITE 300 | MINNEAPOLIS, MN | 55416 | 763.541.4800 | WSBENG.COM



Figure 1. Pavement core locations along the shoulder of Variolite Street.

Table 1. Pavement core location and information.

Core ID	Location	Bituminous Depth (inches)	Notes
1	Northbound	3.75	Top lift was 2 inches. Core was in fair condition, started to exhibit signs of deterioration. Aggregate base material was observed to be sand and gravel, with select granular material underneath the base.
2		3	Top lift was 1.5 inches. Core was in good condition.
3		4	Top lift was 2.25 inches. Core was in very poor condition and it had severely deterioration.
4		3.5	Top lift was 1.5 inches. Core was in poor condition, losing fines and binder.
5	Southbound	3.75	Top lift was 2.25 inches. Core was in good condition.
6		3.75	Top lift was 2 inches. Core was in good condition.
7		3.5	Top lift was 1.5 inches. Core was in good condition.
8		3.5	Top lift was 2 inches and it was in good condition. Bottom lift of the core was in poor condition, which part of the lift raveled off.

***Underlying the bituminous was at least 10 inches of sandy native select granular material. Underlying Core 1, there was 6 inches of a sandy gravel aggregate base.**

Summary of Findings

A total of 8 cores were obtained along the shoulder of Variolite Street as shown in Figure 1. Four cores obtained along the northbound shoulder had bituminous depths ranging from 3 inches to 4 inches. 6 inches of sand and gravel was found where Core 1 was obtained, while the remaining core locations (north of Core 1) did not have gravel but a sandy select granular material was observed. Half of the cores were in poor condition showing deterioration.

Four cores obtained along the southbound shoulder had bituminous thicknesses of 3.5 inches to 3.75 inches. No gravel was found underneath the bituminous shoulder; underlying material was select granular material. One of the cores had bottom lift exhibited poor condition, while the remaining three cores were in good condition.

Appendix

Variolite Street (Shoulder)

Coring Pictures

Core 1 (Northbound – 157th Avenue and 158th Avenue)





Core 2 (Northbound – 161st Avenue and 163rd Avenue)





Select granular material found



Core 3 (Northbound – 166th Avenue and 168th Avenue)





Core 4 (Northbound – 171st Avenue and 173rd Avenue)





Core 5 (Southbound – 169th Avenue and 171st Avenue)





Core 6 (Southbound – 163rd Avenue and 164th Avenue)



Core 7 (Southbound – 159th Avenue and 161st Avenue)





Core 8 (Southbound – Alpine Drive and 156th Avenue)





From:	Gene Cherrico
To:	Meetings Inbox
Subject:	Questons/Concerns Ref Re-do of Variolite
Date:	Sunday, April 12, 2020 2:35:51 PM

On Friday 4-10 I saw / talked to men staking along the backside of my property so I had a short discussion with them of the plans to repave Variolite St NW and how if affected my back yard. I looked at next weeks agenda so I have some questions/comments about plan for the pending work.

To set the stage I live on the southeast corner of Variolite and 161st.

1- In a nut shell of my conversation with the workmen these are some of their comments and my comment to each. They said Variolite was to be widened (next weeks agenda said it was to be reduced from 40 to 34 feet).

Is Variolite being widened or reduced? They were staking the easement about 3 feet + into the corner of the lot that I live on so a couple of issues:
A-I will have to move my sprinkler system (at my cost???)
B-Will the area to be dug up be marked so I can have my sprinkler system moved on time prior to digging

A clarification of the any widening or reducing of Variolite it SHOULD all be done on the WEST/NORTH side of Variolite where there are no housing developments. I live in the Lennar Woodlands and any expansion of Variolite in our direction brings the road closer to our homes.
We already have issues with the loudness of all the vehicles on Variolite with truck traffic (that in your reports of the re-paving states "heavy truck use". The work should be on the opposite side of the street to somewhat reduce the noise as well as a safety issue move the traffic farther from the housing and the current walk path. Also it is not only the trucks noises the vehicle traffic is a concern also. In the proposal it is stated reducing the speed limit of 45 to 40 from Alpine to 163rd, well a whole lot of traffic is doing 55+ on this road and faster they go the louder it gets.

MAYBE noise buffer of trees should be installed along Varilotite?????

Buffer brings up another issue, where the workers put in markers they said I and others would lose some trees, well with the high noise/traffic issues on the corner/back of my property our trees help especially in the summer when the trees are in full leafing, removing any trees will increase the noise volume.

The proposal for pedestrian islands at 161 and Variolite bring up other issues:

Going SOUTH between161 and 163 is a road level change that at the stop signs on 161 you have to be extremely careful driving or crossing the intersection due the the level change and south bound traffic at 50-+ mph.....

Putting in islands make it increasing difficult for trucks, delivery vehicles, recreation and hauled trailers to make turns that will force them to drive over the islands or already driving over my yard when making the turns. (Often feel like I should put a boulder on the corner of my lot to deter the close turns. (there is an island with flowers/plants on 161st and Uranimite that also hinders turning radius's)

Net of all this is 1- why expand road closer to where the house and walking trail are located vs the north west side where no housing is close to the road the path has large number of bike and pedestrian traffic that is exposed. 2- need to move my sprinkler system, 3- issues with the 161 Variolite intersection with or without ped islands, 4- Issue with turn radius of vehicles at the 161/Variolite intersection 4- Truck/high speed vehilce noises on Variolite and need for the trees to remain as somewhat of a noise barrier -5- Speed like needs to be 35 (they go to darn fast on 161.

Your response is welcomed and I'd meet with anyone at anytime.

Thanks

Gene Cherrico
16094 Uranimite St. NW

From: Matt Woestehoff
To: Meetings Inbox
Subject: Resolution #20-071 - Feasibility Report for IP20-01, Variolite Street
Date: Monday, April 13, 2020 9:57:33 AM

Dear City Council and Public Works teams -

Back in 2017, my family was new to Ramsey and we weren't really sure what to expect. One of the reasons for our move was specifically due to Central Park being so close to our new home. We have three younger children, and thought the park would provide a destination of solace for them. Soon, we learned to do so would require and island of refuge. The traffic was fast, the hill steep, and no markings for safe passage across Variolite at 161st.

My wife suggested we "do something about it", and walked to every house in the area that would open their doors. Over 50 signed a petition, asking for a crosswalk. After sending it in, I attended a public works meeting on the matter and learned much about process. I also learned that I'm not always right - something my wife reminds me of often - and that's ok. I left that meeting knowing that speed limits aren't always indicators of safety, nor are stop signs or other traffic controls wise uses all of the time. I was told that it'd be "looked at when Variolite gets reconstructed".

2020 seemed so far off, and my trust was admittedly low based on our lack of experience with small city government, and our newness to the community. It seemed like such a defeat, but we trudged on with hope.

As many parents (and non-parents) know, our the days are long, and years are short. Especially today. This past week, we saw new wooden markers in our back yard, put in place by the city. Our neighbor asked the crew (from a safe distance) what their purpose was. It turns out, it was related to Variolite's reconstruction, and to make way for a crosswalk at 161st that would accommodate an island of refuge for safe crossing. Naturally, I hurried online, found the feasibility report, and learned of the proposed changes.

We're one of the very few who will lose trees for this project, but could not be happier. Our small neighborhood quickly got word of the change, and a welcomed sigh of relief was communally spent.

We fully support Resolution #20-071 as is, and request its swift passage and implementation.

Thank you for exploring the options for a safer, and smarter Ramsey. But more importantly, thank you for including us in the process, for setting real expectations, and providing us as individuals an opportunity to connect with our neighbors. As we've all learned, there is a diverse group of perspectives and politics in town, but ultimately the vision of all of us isn't far apart - regardless of what Facebook groups may show.

Respectfully,

Matt (+ Mary) Woestehoff

P.S. Wash your hands, wear masks, stay safe!

Matt Woestehoff // Father/Husband/Director/Commissioner
16078 Uranimite St NW // Ramsey

From: Nancy & Randy Bauer <nandrb@comcast.net>
Sent: Tuesday, April 14, 2020 4:35 PM
To: Bruce Westby; Kurt Ulrich; John LeTourneau
Subject: Variolite St Reconstruction

A feasibility Report and Ordering Plans for the Variolite Reconstruction is on the agenda for tonight's City Council meeting. St Katharine Drexel is very interested in this reconstruction since we will soon be building on the property we own on the intersection of Variolite St and 161st Ave. Part of the report being acted on lists various options. One of the options is for a left turn lane on the north bound lane at the Variolite and 61st intersection. Since we would anticipate a large amount of traffic wanting to make that turn prior to any of our services, we very much support the inclusion of a turn lane or a bypass lane at that intersection. The lane should be large enough for multiple cars. There should also be a "No Passing on the Right" sign at that intersection to avoid cars using the shoulder for passing.

We are ready to move forward with the right of way easement that the City requested in order to facilitate an ADA compliant crosswalk at that intersection.

Deacon Randy Bauer
Pastoral Associate
Church of St Katharine Drexel
7101 143rd Ave NW – Suite G
Ramsey MN 55303

Variolite Street Reconstruction

Improvement Project #20-01

Accept Feasibility Report and
Order Plans and Specifications

April 14, 2020

City of RAMSEY

Variolite Street Reconstruction

PURPOSE

- Consider adopting Resolution #20-071 accepting the Feasibility Report and ordering Plans and Specifications for Improvement Project #20-01, Variolite Street Reconstruction.

BACKGROUND

- This project proposes to reconstruct Variolite Street between Alpine Drive and 173rd Avenue.
- On September 10, 2019, City Council authorized Hakanson Anderson to complete topographic survey and Northern Technologies Inc. to complete geotechnical work required to prepare a Feasibility Report.
- On December 10, 2019, City Council ordered the attached Feasibility Report to explore the necessity, feasibility and cost-effectiveness of the proposed improvements.

City of RAMSEY

VARIOLITE STREET RECONSTRUCTION

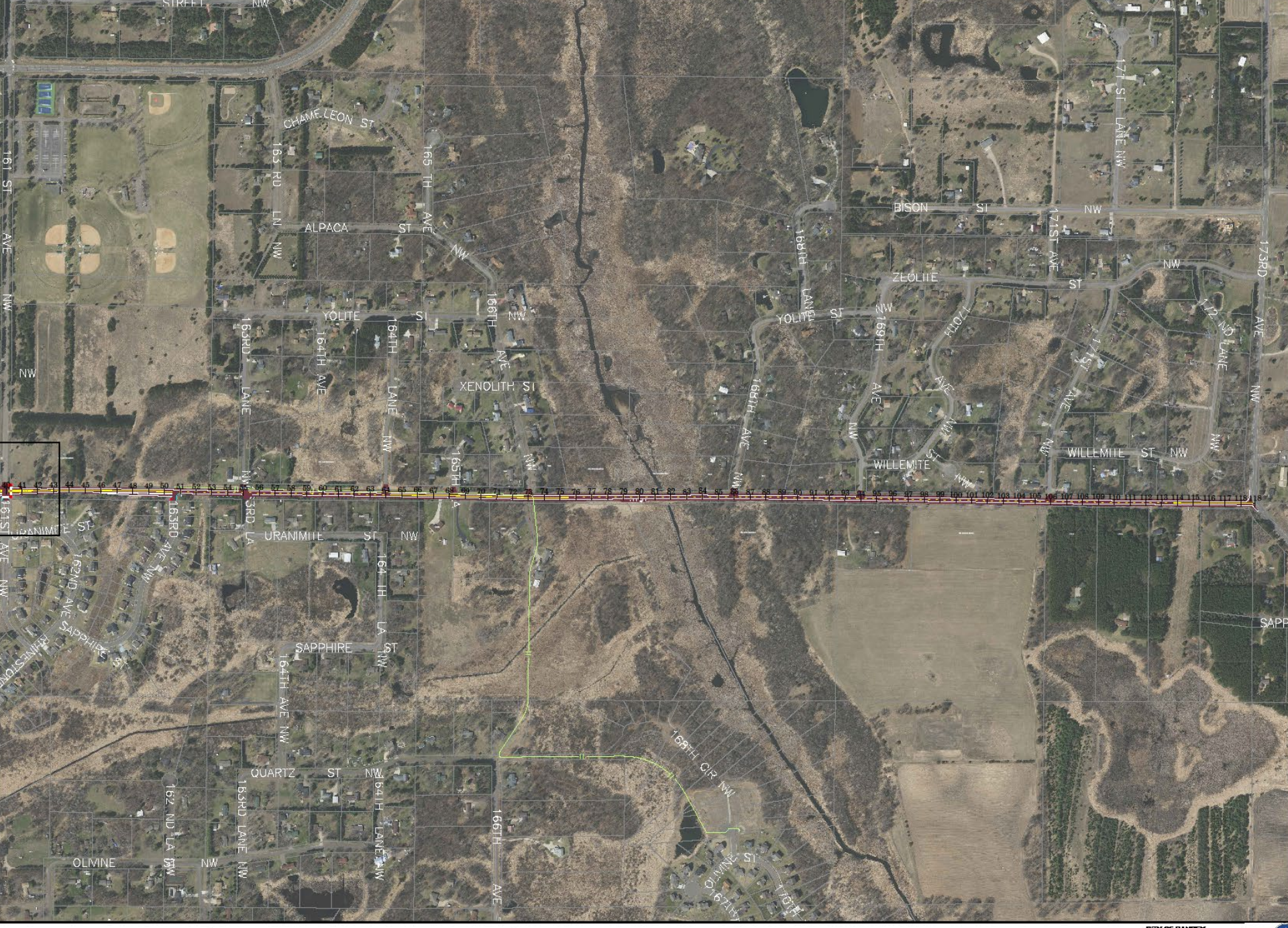
BACKGROUND (cont'd)

- In 2017, Ground Penetrating Radar data was collected on Variolite Street providing bituminous and aggregate base thicknesses.
- Variolite Street is a Municipal State Aid (MSA) street and must be reconstructed to MSA design standards, including 9-ton pavement.
- Drain tile is needed under Variolite Street in one area to properly drain groundwater.
- Pedestrian crosswalk improvements proposed at 161st Avenue.
- Traffic calming improvements proposed on south end.
- Trunk utility improvements are proposed including replacing existing 10-inch trunk sanitary sewer force main with 21-inch gravity trunk sewer, and extending 12-inch trunk watermain to 173rd Avenue, as recommended in the 2040 Comprehensive Plan.
- Public comment – Three emails were received since publishing this case and were attached for public record.

City of RAMSEY



VARIOLITE STREET (ALPINE DRIVE TO 173RD AVENUE)



VARIOLITE STREET (ALPINE DRIVE TO 173RD AVENUE)

CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

VARIOLITE STREET RECONSTRUCTION



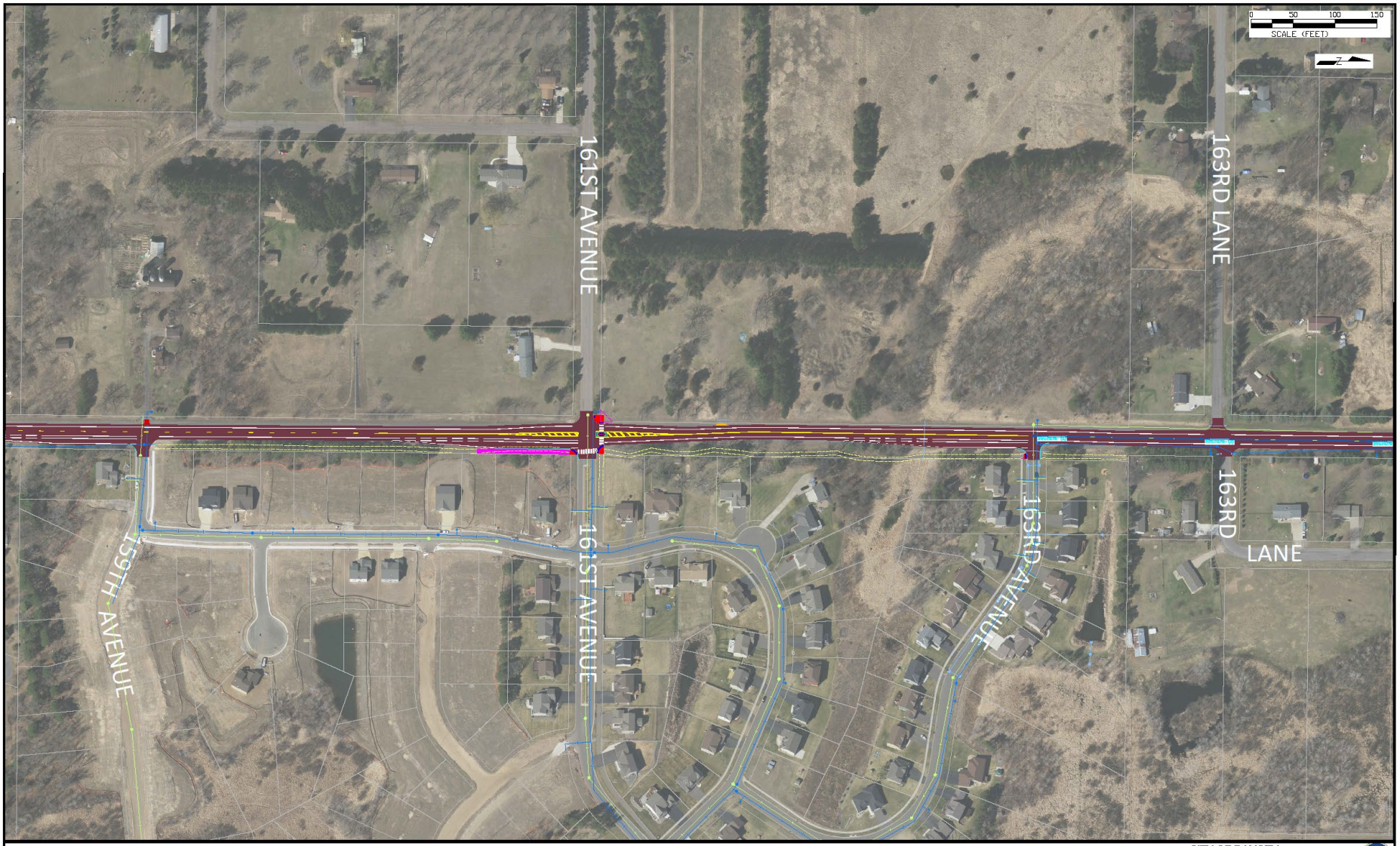
VARIOLITE STREET (ALPINE DRIVE TO 159TH LANE)

CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

City of RAMSEY

Jan 14, 2020 - 1:24pm
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VARIOLITE STREET RECONSTRUCTION



VARIOLITE STREET (159th Avenue to 163rd Lane)

CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

Jan 14, 2020 - 1:35pm
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VARIOLITE STREET RECONSTRUCTION



VARIOLITE STREET (163rd Lane to 168th Avenue)

CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

City of RAMSEY

Jan 14, 2020 - 1:37pm

VARIOLITE STREET RECONSTRUCTION



VARIOLITE STREET (168th Avenue to 173rd Avenue)

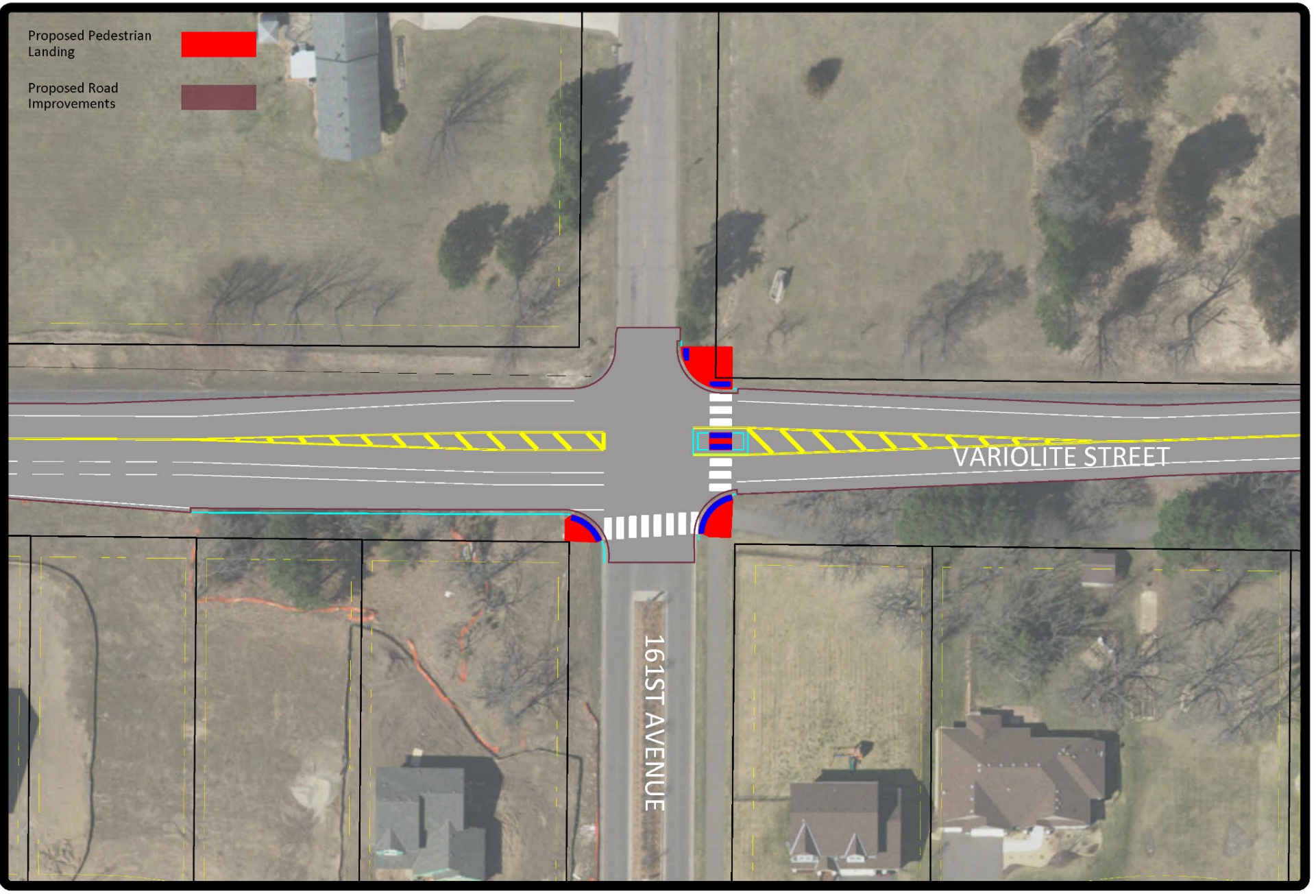
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

Jan 14, 2020 - 1:41pm

VARIOLITE STREET & 161ST AVENUE
PEDESTRIAN CROSSING UPDATES

0 30 60 90
SCALE (FEET)

City of RAMSEY



VARIOLITE STREET RECONSTRUCTION

PROPOSED EASEMENT DESCRIPTION:

A permanent easement for street, drainage, and utility purposes over, under, and across that part of the Southeast Quarter of the Northwest Quarter of Section 16, Township 32, Range 25, except the West 185 feet, Anoka County, Minnesota described as follows:

Commencing at the West Quarter Corner Section 16, Township 32, Range 25; thence South 89 degrees 17 minutes 47 seconds East assumed bearing along the South line of said Northwest Quarter a distance of 2661.63 feet to the intersection with a line lying parallel with and distant 8.00 feet West of the East line of said Northwest Quarter; thence North 00 degrees 40 minutes 08 seconds East along said parallel line a distance of 60.14 feet to the point of beginning: thence continuing along said parallel line North 00 degrees 40 minutes 08 seconds East a distance of 26.25 feet; thence South 51 degrees 59 minutes 53 seconds West a distance of 42.17 feet; thence South 89 degrees 30 minutes 06 seconds East a distance of 32.92 feet to the point of beginning.

Area of Proposed Street and Utility Easement = 432 Sq.Ft. or 0.010 Acres.

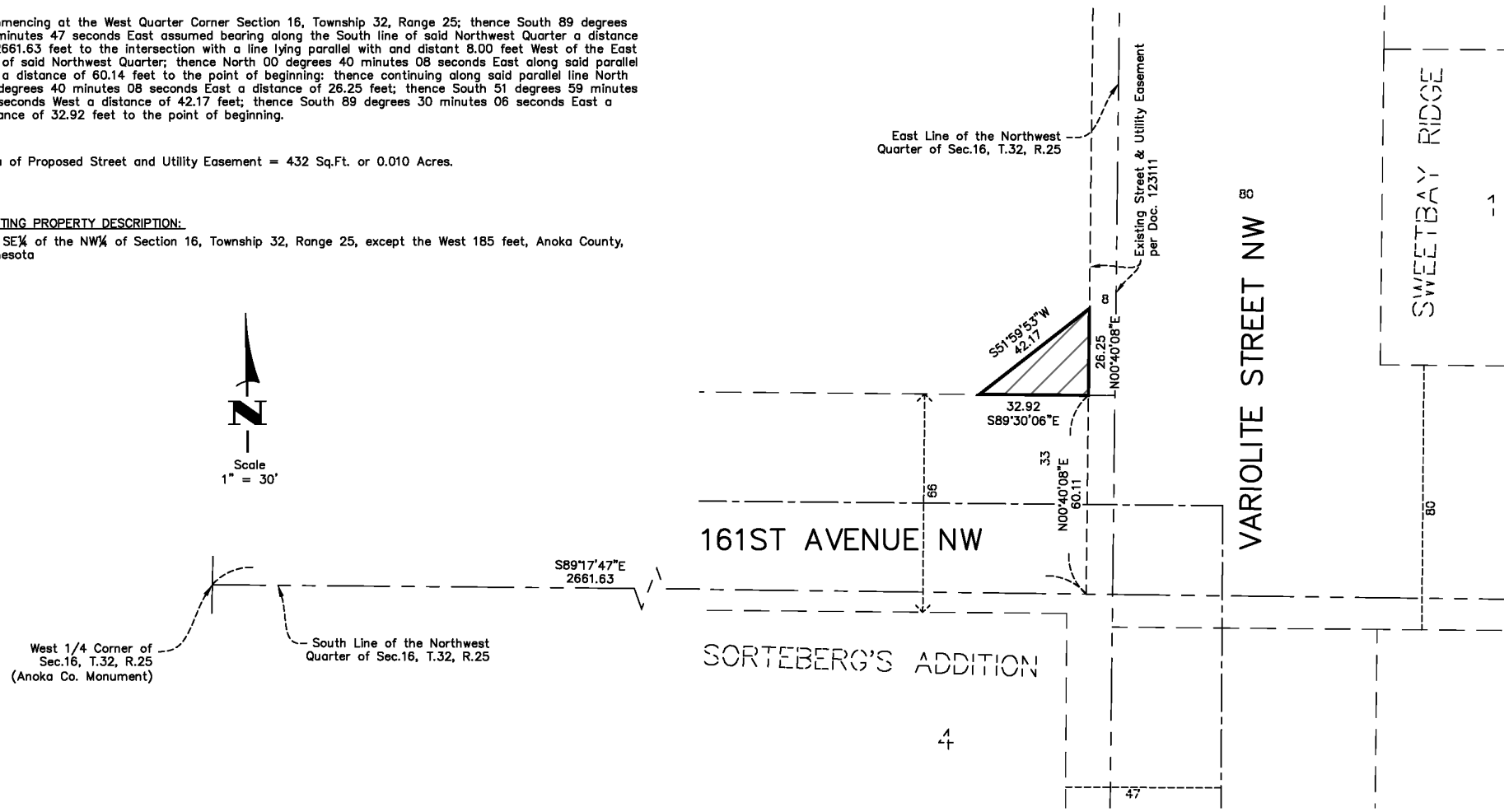
EXISTING PROPERTY DESCRIPTION:

The SE¼ of the NW¼ of Section 16, Township 32, Range 25, except the West 185 feet, Anoka County, Minnesota

– Denotes Proposed Street, Drainage, and Utility Easement

PROPERTY OWNER:

The Church of Saint Katharine Drexel
PID# 16–32–25–24–0002



Date	Revision

I hereby certify that this survey, plan or report was prepared by me or under my direct supervision and that I am a duly Professional Licensed Land Surveyor under the laws of the State of Minnesota.

02/14/20
Brian Person, MN License No. 46138 — Date

Hakanson Anderson Assoc., Inc.
Civil Engineers and Land Surveyors
3601 Thurston Ave., Anoka, Minnesota
55303 763–427–5860 FAX
763–427–0520 www.haa–inc.com

Easement Exhibit
for
CITY OF RAMSEY

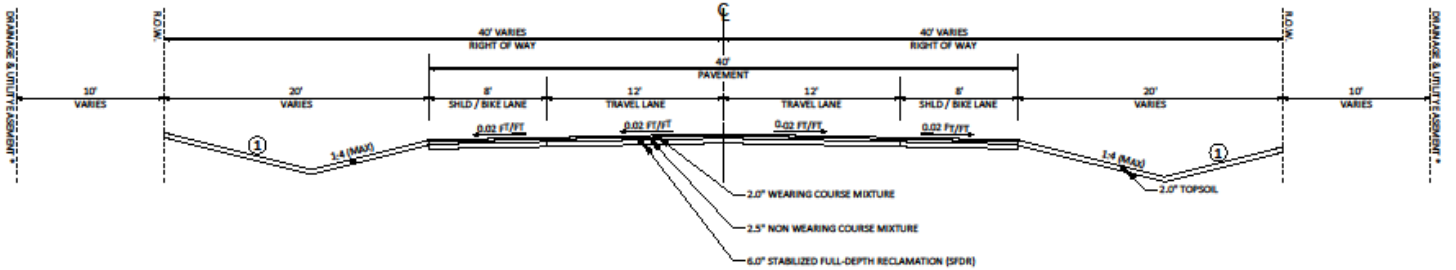
DATE 02/14/20 — FILE NO. RA1120

SHEET 1 OF 1 SHEETS

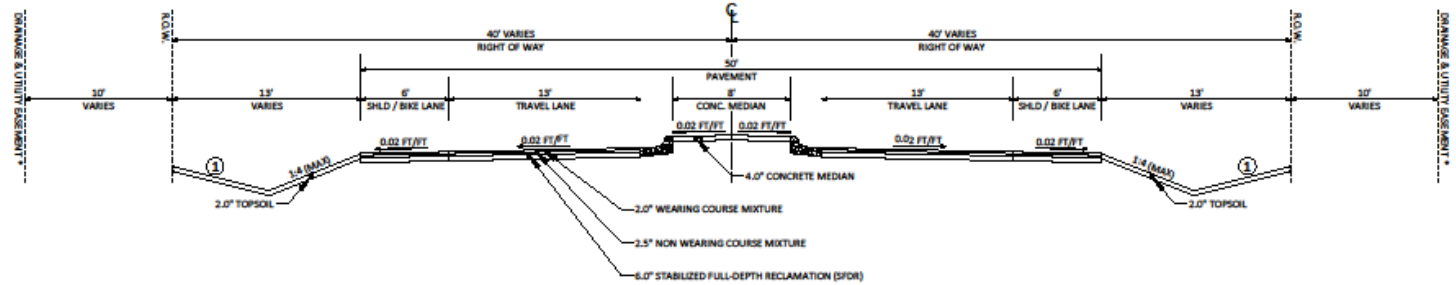
4, 2020 – 2:37pm

VARIOLITE STREET RECONSTRUCTION

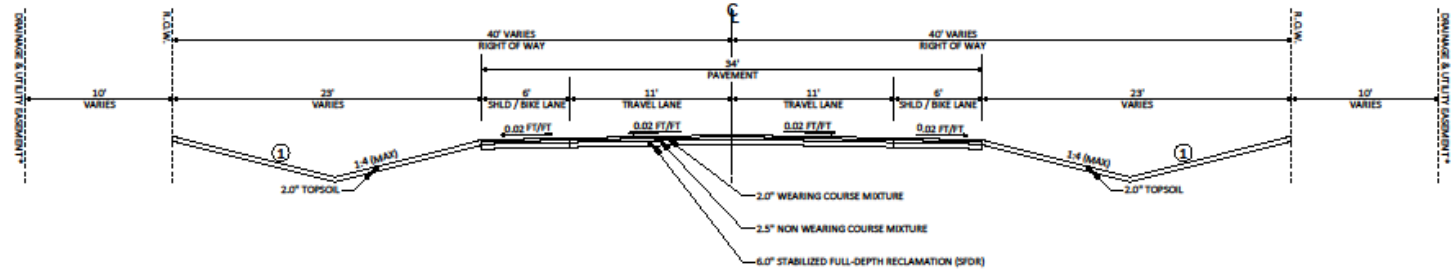
Variolite Street Typical Section Full Width: Sta. 54+60 to 118+74



Variolite Street Typical Section Concrete Median: Sta. 40+17 to 40+44



Variolite Street Typical Section Narrow Width: Sta. 0+16 to 40+17; Sta. 40+44 to 54+60



REFERENCE NOTES:

(1) GRADE TO MATCH EXISTING GROUND. ESTABLISH TURF USING A MINIMUM OF 2" TOPSOIL AND HYDROSEED WITH MNDOT SEED MIXTURE 25-151.

* SEVERAL STRETCHES OF VARIOLITE STREET HAVE UN-PLATTED LOTS ADJACENT TO THE ROADWAY, WHICH DO NOT INCLUDE DRAINAGE & UTILITY EASEMENTS. RIGHT-OF-WAY DISTANCE FROM THE GENERAL CENTERLINE OF VARIOLITE STREET VARIES BY SUBDIVISION, THERE ARE 13 SUBDIVISIONS & 5 UN-PLATTED SEGMENTS ALONG VARIOLITE STREET.

DATE	REVISION

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERANCEK
Date XX/XX/XX Lic. No. 57095

DESIGNED BY:	JJF	
DRAWN BY:	JJF	DATE XX/XX/XX
CHECKED BY:	BRW	JOB NO. 20-01

CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

TYPICAL SECTIONS

S.A.P. 199-101-012

VARIOLITE STREET RECONSTRUCTION
CITY PROJECT NO. 20-01
CITY OF RAMSEY, MINNESOTA

SHEET

Variolite Street Reconstruction





Variolite Street Reconstruction





Variolite Street Reconstruction





Variolite Street Reconstruction





Variolite Street Reconstruction





Variolite Street Reconstruction





Variolite Street Reconstruction





VARIOLITE STREET RECONSTRUCTION

ESTIMATED COSTS & FUNDING

- Estimated project costs per CIP = $2,643,600
  - Street Improvements = $ 2,328,270 (MSA Funds)
  - Storm Sewer Improvements = $ 315,330 (Stormwater Funds)
  - No utility costs identified.
- Estimated project costs per the Feasibility Report = $4,335,000.
  - Street Improvements = $ 2,820,000 (MSA Funds)
  - Storm Sewer Improvements = $ 65,000 (Stormwater Funds)
  - Sanitary Sewer Improvements = $ 650,000 (Sewer Funds)
  - Watermain Improvements = $ 800,000 (Water Funds)
- No assessments are proposed. Variolite Street has only 13 direct accesses and assessments on 13 properties would not recover costs associated with assessments.

City of RAMSEY

VARIOLITE STREET RECONSTRUCTION

ALTERNATIVES

- Alternative #1 - Motion to adopt Resolution #20-071 accepting the Feasibility Report and ordering Plans and Specifications for Improvement Project #20-01, Variolite Street Reconstruction.
- Alternative #2 - Motion to deny adoption of Resolution #20-071 at this time.
- A Roll Call vote is required.

RECOMMENDATIONS

- Staff recommends alternative #1.
- The Feasibility Report finds that this project is necessary, feasible, and cost-effective from an engineering standpoint, and would best be constructed as a stand-alone project.

City of RAMSEY

VARIOLITE STREET RECONSTRUCTION

RECOMMENDATIONS (cont'd)

The following Staff recommendations are presented for Council consideration and concurrence:

- Staff recommends reconstructing the bituminous pavement using the Stabilized Full Depth Reclamation method in compliance with MSA design guidelines using 6-inches stabilized full depth reclamation, 2-inches new bituminous base course, and 2-inches new bituminous wear course.
- Staff recommends installing a concrete pedestrian refuge island in Variolite Street north of 161st Avenue, with advanced pedestrian crossing signs, and ADA compliant pedestrian landings.
- Staff recommends reducing the width of Variolite Street from 40-feet to 34-feet and posting a 40 mph speed limit between Alpine Drive and 163rd Lane to promote traffic calming.
- Staff recommends replacing the existing 10-inch force main trunk sanitary sewer with 21-inch gravity trunk sanitary sewer between 163rd Avenue and 166th Avenue, and extending 12-inch trunk watermain from 166th Avenue to 173rd Avenue as recommended in the 2040 Comprehensive Plan.



City of RAMSEY

CC Regular Session **7. 4.**

Meeting Date: 04/14/2020

Submitted For: Sean Sullivan, Community Development

By: Sean Sullivan, Community Development

Information

Title:

Adopt Resolution #20-077 Authorizing Assistance for Businesses Impacted by COVID-19

Purpose/Background:

The purpose of this this case is to identify tools the EDA and City Council may want to consider and to potentially implement to help our business community succeed. Based on discussion, Staff will explore additional details on desired programs and implement others.

The City has established a Resource Webpage focused on the business community available online at https://www.cityoframsey.com/752/COVID-19-Business-Resources.

Please note that there are two levels of response that have been established during this time.

- Enhanced Social Distancing (Original Order)
- Stay at Home (Current Order)

On March 17, 2020, Governor Walz issued Executive Order 20-04 that essentially created Enhanced Social Distancing. While this did not direct Minnesotans to stay home and establish essential vs. non-essential businesses, this closed restaurants to dine-in service amongst other social distancing provisions. Restaurants are able to continue delivery and pick up.

Subsequently, Governor Walz issued Executive Order 20-20 that established a Stay at Home Order until April 10 as well as an extended Social Distancing Order until May 4. These dates are subject to extension depending on the current COVID-19 forecasts.

On April 8, 2020, Executive Order 20-33 was signed. This order further defined essential/non-essential businesses, extended the Stay at Home Order to May 4, 2020, and actually lifted some restrictions for some businesses (landscaping, agricultural repair and support). The Governor indicated that is more data becomes available that there is a possibility that more businesses will allowed to re-open.

To backstop the economic impacts of social distancing, stay at home orders and business closures, the State of Minnesota and Federal Government have established multiple programs aimed at assisting employers and employees impacted by the current pandemic. However, not all businesses are covered by these various programs or able to access these funds.

Businesses Impacted by Enhanced Social Distancing Orders (highlighted sections have local Ramsey Business impacts):

1. **Restaurants**, food courts, **cafes, coffeehouses, and other places of public accommodation offering food or beverage for on-premises consumption**, excluding institutional or in-house food cafeterias that serve residents, employees, and clients of businesses, child care facilities, hospitals, and long-term care facilities.
2. **Bars, taverns**, brew pubs, breweries, microbreweries, distilleries, **wineries, tasting rooms, clubs, and other places of public accommodation offering alcoholic beverages for on-premises consumption.**
3. Hookah bars, cigar bars, and **vaping lounges** offering their products for on-premises consumption.
4. Theaters, cinemas, indoor and outdoor performance venues, and museums.

5. **Gymnasiums, fitness centers, recreation centers, indoor sports facilities, indoor exercise facilities, exercise studios, and spas.**
6. Amusement parks, arcades, bingo halls, **bowling alleys,** indoor climbing facilities, skating rinks, trampoline parks, and **other similar recreational or entertainment facilities**.
7. **Country clubs, golf clubs,** boating or yacht clubs, **sports or athletic clubs**, and dining clubs.

The current Stay at Home Order has had a much broader impact, especially pertaining to general retail. For more information on the Stay at Home Order, please visit mn.gov/stayathomemn.

Restaurants, retail, sports and service have been impacted the most and longest. The purpose of this case it to determine what, if any, action(s) the City of Ramsey can take to help Ramsey Businesses succeed during these difficult times. Providing helpful assistance to these hardest hit businesses identified above is the focus of this case. Staff is requesting that the City Council direct Staff on where to go with this discussion and potential action.

Notification:

Notification is not required.

Observations/Alternatives:

What is happening now:

The State and Federal Governments have put out resources designed to assist businesses and workers. The City has created a page on its website highlighting some of these programs and linking to all of them. Staff has been assisting Ramsey businesses and directing them to the available resources they need.

Staff has been contacted by tenants of City owned property regarding the ability to defer or make partial rent payments for a period of time. This is also happening in the private sector and some businesses are offering deferrals or payment arrangements for a periods of time (60-120 days).

Area cities have relaxed signage requirements (duration) to allow for businesses to market new hours types, and levels of service to their customers. In addition, fees are being waived for the sign permits during this time. The City of Ramsey has already implemented this change.

Other cities are have, or are considering the reduction/waiver of late fees, business license fees, liquor licenses, and other items that could temporarily help businesses get through this tough time. The City of Minneapolis has several good examples, as outlined in an attachment to this case.

The State of Minnesota has temporarily allowed cities to relax their Revolving Loan Fund (RLF) policies to allow for use with retail businesses until June 30, 2020. Ramsey's RLF program is geared to industrial type businesses as the money was seeded through the Minnesota Investment Fund (MIF). At this time, Staff has concerns about using these dollars. Based on current inquiries to the City, Staff feels that there are other programs available that meet those needs. This fund currently has an available balance of $345,000. This program could be drawn down to a zero-balance in a short timeframe. Staff will continue to monitor and adjust recommendations.

Staff has already developed a marketing piece highlighting Ramsey Restaurants and other food services businesses currently open for pick up or delivery and can be found on the City's website. Staff has shared this list with area chambers of commerce. This is a working document and additions could be made as more information is provided or consider businesses with food as a secondary use such as gas stations and grocery stores.

Things to that the City could consider/review:

1. Continue waiver or reduction of Sign Permits Fees (currently being done)
2. Continue flexibility in Temporary Sign Regulations (currently being done)
3. Waiver or reduction of Business License Fees
4. Waiver, reduction or deferral of lease payments for City-Owned Property Management
5. Loans or grants to retailers or restaurants to assist with lease payments
6. $100-$500 grants to businesses to assist in advertising (internet, print, signage)

7. Free advertising in next Ramsey Resident and/or restaurant-focused insert
8. Purchase of Gift Cards from Retailers and Restaurants for use at City Events or other City use.
9. Revolving Loan Fund (RLF) Loans and/or Grants to retailers and restaurants for general use
10. Forgivable Loans, Low Interest Loans, 0% Interest Loans for general use

Funding Source:

Staff has identified the following potential funding sources.

- EDA Fund
- Anoka County Housing and Redevelopment Authority (ACHRA)
- Ramsey Revolving Loan Fund (RLF)

Recommendation:

The EDA reviewed this item on April 7, 2020 and outlined the following recommendations:

- Approve the following now
  - Waiver of On Sale Liquor License Renewal Fee (City Fee Only)
  - Waive Advertising Fees for Ramsey Resident for Ramsey Businesses
  - Waive Late Fees for Lease Payments on City Owned properties
- Continue to explore the following and bring back to future meeting
  - Short Term
    - Marketing Assistance Program
    - Deferral of Lease Payments for City owned properties for 60-120 days
    - Gift Card Purchase Program
  - Long Term
    - Low to No Interest Loan Program utilizing City RLF Loan Funds

Action:

Motion to adopt Resolution #20-077 authorizing assistance for businesses impacted by COVID-19.

Attachments

Resolution #20-077
Executive Order 20-33
Executive Order 20-20
Executive Order 20-15
Executive Order 20-04
Ramsey Restaurant Guide
Business License Fee Schedule
Minneapolis Example of Assistance

Form Review

Inbox	Reviewed By	Date
Sean Sullivan (Originator)	Sean Sullivan	04/09/2020 10:14 AM
Tim Gladhill	Tim Gladhill	04/09/2020 11:16 AM
Kurt Ulrich	Kurt Ulrich	04/09/2020 02:56 PM
Form Started By: Sean Sullivan		Started On: 04/07/2020 09:52 AM
Final Approval Date: 04/09/2020		

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #20-077

RESOLUTION AUTHORIZING ASSISTANCE FOR BUSINESSES IMPACTED BY COVID-19

WHEREAS, Governor Walz has issued multiple Executive Orders that partially or fully restrict the ability for some City of Ramsey business to operate; and

WHEREAS, On March 17, 2020, Executive Order 20-04, essentially created Enhanced Social Distancing and closed restaurants, bars and taverns to dine in services, and other retail/sports businesses, resulting the temporary closure for many Ramsey businesses. Sectors identified in 20-04 have been impacted the longest and will continue to be impacted until May 4, 2020; and

WHEREAS, On April 8, 2020, Executive Order 20-33 further clarified essential/non essential businesses and allowed some businesses previously restricted from operating to go back to work (i.e. landscaping, ag repair support, etc.) but many still remain under restrictions; and

WHEREAS, the Ramsey EDA had a special meeting on April 7, 2020 to discuss the impacts to Ramsey Businesses and recommendations were developed to help assist the hardest hit sectors of the business community.

NOW THEREFORE, BE IT RESOLVED BY THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1) That the City of Ramsey authorize:

    a. Waiver of 2020 On Sale Liquor License Renewal Fee (City Fees Only)
    b. Waive Advertising Fees for Ramsey Resident for Ramsey Businesses
    c. Waive Late Fees for Lease Payments on City owned properties

2) The City of Ramsey direct Staff/EDA to explore the following and to bring back for consideration at a later date:

    a. Short Term
        i. Marketing Assistance Program
        ii. Deferral Lease Payments on City owned properties for 60-120 days
        iii. Gift Card Purchase Program
    b. Long Term
        i. Low to No Interest Loan Program

That the motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor:

and the following voted against the same:

and the following abstained:

and the following were absent:

whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this 14th of April, 2020.

_____
Mayor

ATTEST:

_____
City Clerk

STATE OF MINNESOTA
Executive Department

Governor Tim Walz

Emergency Executive Order 20-33

Extending Stay at Home Order and Temporary Closure of Bars, Restaurants, and Other Places of Public Accommodation

I, Tim Walz, Governor of the State of Minnesota, by the authority vested in me by the Constitution and applicable statutes, issue the following Executive Order:

The COVID-19 pandemic presents an unprecedented challenge to our State. On March 11, 2020, the World Health Organization ("WHO") characterized the COVID-19 outbreak as a pandemic. Despite efforts to contain COVID-19, the WHO and the Centers for Disease Control and Prevention ("CDC") indicate that it is expected to spread. Confirmed cases of COVID-19 in Minnesota are rapidly increasing. On March 15, 2020, Minnesota detected the first confirmed cases caused by "community spread"—infections not epidemiologically linked to overseas travel. By March 17, 2020, all fifty states had reported a confirmed case of COVID-19. And on March 21, 2020, the Minnesota Department of Health ("MDH") announced the first confirmed fatality due to COVID-19 in Minnesota.

Community spread of COVID-19 continues to increase in Minnesota and nationwide. As of April 8, 2020, Minnesota had 1,154 confirmed COVID-19 cases, with 271 hospitalizations and 39 fatalities. Also, as of April 7, 2020, the United States had over 374,000 confirmed cases with over 12,000 recorded fatalities. Increased testing capacity would undoubtedly show that COVID-19 is circulating in communities across Minnesota that have not yet identified a confirmed case.

Minnesota has already taken proactive steps to ensure that we are ahead of the curve on COVID-19 prevention and response. On March 13, 2020, I issued Executive Order 20-01 and declared a peacetime emergency because this pandemic, an act of nature, threatens the lives of Minnesotans, and local resources are inadequate to address the threat. On March 15, 2020, I issued Executive Order 20-02 ordering the temporary closure of public schools. On March 16, 2020, I issued Executive Order 20-04 ordering the closure of bars, restaurants, and other places of public accommodation. On March 25, 2020, I issued Executive Order 20-20 which directed Minnesotans to stay at home except for certain exempted activities and work.

On March 29, 2020, the federal government revised previous guidance and encouraged continued social distancing through the end of April. The continued presence of community spread in Minnesota, the rapid increase in COVID-19 cases, and the rising COVID-19 related

deaths both globally and in Minnesota require us to continue our measures to slow the spread of this pandemic. Slowing the community spread of COVID-19 is critical to ensuring that our healthcare facilities remain able to accommodate those who require intensive medical intervention.

This Executive Order is consistent with nationwide efforts to contain the spread of COVID-19. As of April 7, 2020, forty-one other states and the District of Columbia representing almost 318 million Americans have issued orders or public health directives closing non-essential businesses or limiting residents from participating in non-essential activities. Ten of these states have already extended or renewed these orders and directives in recognition of the ongoing need for proactive measures to contain the spread of COVID-19. Limiting activities to only those that are most essential and practicing social distancing at all times are vital tools required to mitigate the community spread of COVID-19 in Minnesota and nationwide.

Executive Order 20-20 set forth a number of Critical Sectors based on guidance from the U.S. Department of Homeland Security. That Guidance has since been updated and revised. This order adopts and relies on the March 28, 2020 Guidance on the Essential Critical Infrastructure Workforce: Ensuring Community and National Resilience in COVID-19 Response, Version 2.0 ("Updated CISA Guidance"—attached to, and incorporated into, this Executive Order). The Updated CISA Guidance identifies workers who conduct a range of operations and services that are essential to continued critical infrastructure viability. This federal guidance provides a baseline for Minnesota's efforts to ensure critical infrastructure and services are maintained while slowing the spread of COVID-19.

In Minnesota Statutes 2019, section 12.02, the Minnesota Legislature conferred upon the Governor emergency powers "in order to (1) ensure that preparations of this state will be adequate to deal with disasters, (2) generally protect the public peace, health, and safety, and (3) preserve the lives and property of the people of the state." Pursuant to Minnesota Statutes 2019, section 12.21, subdivision 1, the Governor has general authority to control the state's emergency management as well as carry out the provisions of Minnesota's Emergency Management Act.

Minnesota Statutes 2019, section 12.21, subdivision 3(7), authorizes the Governor to cooperate with federal and state agencies in "matters pertaining to the emergency management of the state and nation." This includes "the direction or control of . . . the conduct of persons in the state, including entrance or exit from any stricken or threatened public place, occupancy of facilities, and . . . public meetings or gatherings." Pursuant to subdivision 3 of that same section, the Governor may "make, amend, and rescind the necessary orders and rules to carry out the provisions" of Minnesota Statutes 2019, Chapter 12. When approved by the Executive Council and filed in the Office of the Secretary of State, such orders and rules have the force and effect of law during the peacetime emergency. Any inconsistent rules or ordinances of any agency or political subdivision of the state are suspended during the pendency of the emergency.

For these reasons, I order as follows:

1. Beginning on Wednesday, April 8, 2020 at 11:59 pm through Sunday, May 03, 2020 at 11:59 pm, all persons currently living within the State of Minnesota are ordered to stay at home or in their place of residence except to engage in the Activities and

Critical Sector work set forth below in Paragraphs 5 and 6. Executive Order 20-20 is rescinded as of April 8, 2020 at 11:59 pm.

2. For purposes of this Executive Order, homes or residences include hotels, motels, shared rental units, shelters, and similar facilities, to the extent they are used for lodging.

3. This Executive Order does not restrict virtual work or telework (*i.e.* work from home). Minnesotans working in any field, including the Critical Sectors set forth below, are encouraged to work from their home or residence as much as possible.

4. **Definitions**. As used in this Executive Order, "workers" and "personnel" are broadly defined to include owners, proprietors, employees, contractors, vendors, volunteers, and interns. As used in this Executive Order, "Critical Sectors" is defined to include the categories found in the Updated CISA Guidance and the additional categories listed below.

5. **Exemptions – Activities**. Minnesotans may leave their homes or residences to engage in the following activities, provided that all persons follow the guidelines set forth and maintained by the Minnesota Department of Health ("MDH Guidelines"), including but not limited to social distancing, to the maximum extent possible. **Consistent with federal guidance and to protect our neighbors, Minnesotans are encouraged to stay close to home and are strongly discouraged from engaging in unnecessary travel.** This list of Activities may be clarified, as deemed necessary by the Governor, to ensure the health, safety, and security of all Minnesotans. Clarifications will be available for public review at: https://mn.gov/covid19/

    a. **Relocation to ensure safety**. Individuals whose homes or residences are unsafe or become unsafe, including individuals who have suffered or are at risk of domestic violence or for whom the safety, sanitation, or essential operations of their home or residence cannot be maintained, are allowed and urged to leave their home or residence and relocate to a safe alternative home or residence.

    b. **Health and safety activities.** Individuals may seek emergency services; obtain medical services, supplies, and medications; and visit a health care or dental professional or facility, or a veterinarian. Individuals may also donate blood.

    c. **Outdoor activities.** Individuals may engage in outdoor activities (*e.g.,* walking, hiking, running, biking, driving for pleasure, hunting, or fishing), and may go to available public parks and other public recreation lands, consistent with remaining at least six feet apart from individuals from other households. Public accommodations that are closed under Executive Orders 20-04 and 20-18 remain closed under this Executive Order, even if they feature outdoor activities. Nothing in the Executive Order permits trespass

upon private property. Minnesotans are encouraged to stay close to home and are strongly discouraged from engaging in unnecessary travel**.**

d. **Necessary supplies and services.** Individuals may leave their residences to:

   i. Obtain food, including delivery or carry-out services, beverages (alcoholic and non-alcoholic), and other grocery items.

   ii. Obtain gasoline.

   iii. Obtain supplies needed to work from home.

   iv. Obtain commercially available personal protective equipment and supplies and materials necessary to make homemade personal protective equipment.

   v. Obtain products needed to maintain the safety, sanitation, and essential operation of homes and residences, businesses, and personally owned vehicles, including automobiles and bicycles.

   vi. Visit and use the services of laundromats and dry cleaners.

e. **Essential intrastate and interstate travel**. Minnesotans are encouraged to stay close to home and are strongly discouraged from engaging in unnecessary travel**.** Individuals may travel to exempted activities and may travel to return to a home or place of residence. Individuals may also travel into and out of Minnesota.

f. **Care of others**. Individuals may care for a family member, friend, or pet in another household, and may transport family members, friends, or pets as allowed by this Executive Order, including the transport of children pursuant to existing parenting time schedules or other visitation schedules pertaining to a child in need of protective services (CHIPS) proceeding.

g. **Displacement**. Individuals without a home are exempt from the restrictions in this Executive Order, and they may move between emergency shelters, drop-in centers, and encampments. Encampments should not be subject to sweeps or disbandment by state or local governments, as such sweeps or disbandment increase the potential risk and spread of COVID-19.

h. **Moving or relocation**. Individuals are permitted to move to a new home or place of residence, provided they follow MDH Guidelines to the maximum extent possible.

i. **Voting**. Individuals are permitted and encouraged to vote in all state and local elections. Voters are also encouraged to vote by absentee by mail where feasible.

j. **Funerals**. Individuals may leave their home or residence to attend funerals, whether at a place of worship, funeral home, burial site, or other similar location, provided that the gathering consists of no more than 10 attendees. The space utilized must allow for social distancing and compliance with MDH Guidelines to the maximum extent possible. Venues should make accommodations for remote attendance, if possible, for others. Individuals who are at high risk from COVID-19 are strongly encouraged to attend remotely.

k. **Tribal Activities and Lands**.

i. Activities by tribal members within the boundaries of their tribal reservations are exempt from the restrictions in this Executive Order but may be subject to restrictions by tribal authorities.

ii. Activities within the boundaries of federal land held in trust for one of the 11 Minnesota Tribal Nations are exempt from the restrictions in this Executive Order but may be subject to restrictions by tribal authorities.

iii. Activities by tribal members to exercise their federal treaty rights within the boundaries of their treaty territory (also known as "ceded territory") are exempt from the restrictions in this Executive Order but may be subject to restrictions by applicable tribal authorities.

iv. Tribal members may travel to and from their tribal reservations in accordance with applicable tribal law.

6. **Exemptions – Critical Sectors**. **All workers who can work from home must do so**. Workers in the following Critical Sectors, who are performing work that cannot be done at their home or residence through telework or virtual work and can be done only at a place of work outside of their home or residence, are exempted from the prohibition in paragraph 1 of this Executive Order as set forth below. **These critical services exemptions apply only to travel to and from an individual's home or residence and place of work and an individual's performance of work duties that cannot be done at their home or residence. Travel may include transportation to and from child care or school settings as necessary to ensure the safe care of children**. This list of Critical Sectors may be clarified, as deemed necessary by the Governor, to ensure the health, safety, and security of all Minnesotans. These clarifications carry the full weight and effect of this Executive Order. Clarifications are available for public review at: http://mn.gov/deed/critical/

a. **Healthcare and public health**. As applicable, healthcare and public health workers are subject to the restrictions on elective surgeries and procedures as set forth in Executive Orders 20-09 and 20-17. This category is limited to:

i. Healthcare and public health workers listed in the Updated CISA Guidance.

ii. Workers providing or supporting reproductive health care, childbirth services, mental health care, and substance use treatment.

iii. Workers supporting manufacturers, technicians, logistics and warehouse operators, and distributors of personal care, hygiene, and healthcare products.

iv. Workers providing or supporting home care and human services workers from government or non-profit providers who are delivering food, prescriptions, case management services, mental health and substance abuse therapy, or who are otherwise caring for a client.

v. Workers providing or supporting home-based care for adults, seniors, and children, including but not limited to people who are blind, deaf, deafblind, or hard of hearing and people with disabilities, including physical disabilities, developmental disabilities, intellectual disabilities, substance use disorders, or mental illness. This includes workers who must travel to a person's home to provide care or other in-home services including meal delivery and one-on-one interpreting services for people who are blind, deaf, deafblind, or hard of hearing.

vi. Personal care attendants, paid employees of government and non-profit providers, or volunteers representing government and non-profit providers.

vii. Workers supporting the medical cannabis industry.

viii. Workers in adult daycares are **not** exempted.

b. **Law enforcement, public safety, and first responders**. This category is limited to law enforcement and public safety workers and first responders listed in the Updated CISA Guidance, and all corrections personnel, state and county probation officers, supervision agents, victims' advocates, animal control officers, humane officers, and all workers who support electronic security and life-safety services, and bail bond agents posting a bond.

c. **Food and agriculture**. This category includes food and agriculture workers listed in the Updated CISA Guidance. For clarity, and for the purposes of this Executive Order, references to "beverages" include alcoholic beverages. The restrictions on restaurants, bars, and other places of public accommodation adopted in Executive Orders 20-04, 20-18, and this Executive Order remain in effect. This category also includes:

i. Workers supporting agricultural equipment repair service.

ii. Lawncare and landscaping workers.

iii. Workers supporting garden centers, stores, and nurseries, provided that such centers, stores, or nurseries adhere to guidance provided by the Minnesota Department of Agriculture.

iv. Workers supporting florists for the sale for delivery only of perishable plant stock. Workers delivering perishable plant stock are strongly encouraged to drop off product at the front door of nursing homes and hospitals to avoid contact with vulnerable populations.

v. This category **does not** include the following workers, who are **not** exempted from the restrictions in paragraph 1:

a. Workers supporting tobacco and vaping-product shops.

b. Workers supporting cannabidiol (CBD) oil shops.

d. **Energy**. This category is limited to energy workers listed in the Updated CISA Guidance, workers supporting emergency response operations, and workers supporting the underground storage of natural gas.

e. **Water and wastewater**. This category is limited to water and wastewater workers listed in the Updated CISA Guidance, in addition to State Parks workers who maintain water and wastewater infrastructure, workers who perform work related to residential wells and septic tanks, and workers who supply bottled water or home filtration systems in areas where that is a health necessity.

f. **Transportation and logistics**. This category is limited to the transportation and logistics workers listed in the Updated CISA Guidance, in addition to:

i. State, county, and local government agencies and agency workers, as well as private sector workers, who support or enable transportation functions, including engineers, dispatchers, maintenance and repair technicians (including workers at maintenance and repair shops), warehouse workers, truck stop and rest area workers, and workers that maintain and inspect infrastructure (including those that require cross-border travel).

ii. Workers engaged in roadway construction, maintenance, and utility projects.

iii. Public transit workers.

iv. Bicycle shops and distribution facilities.

v. Automobile, motorcycle, recreational vehicle (RV), and all-terrain vehicle (ATV) sales that are necessary to allow for essential travel or support Critical Sectors, when conducted by appointment, and only

when CDC and MDH guidelines, including social distancing, can be met.

vi. Workers who clean vehicles used for public transportation, government services, and Critical Sectors.

g. **Public works and infrastructure support services**. This category is limited to public works and infrastructure support services workers listed in the Updated CISA Guidance, in addition to construction material suppliers and workers providing services necessary to maintain construction material sources.

h. **Communications and information technology**. This category is limited to communications and information technology workers listed in the Updated CISA Guidance and all workers who support news services of all kinds, including newspapers, radio, television, and other forms of news media.

i. **Other community-based government operations and essential functions**. This category is limited to the other community-based and government essential functions listed in the Updated CISA Guidance, in addition to workers who support the following functions and services:

i. Election support services and election administration workers.

ii. Housing, shelter, and homelessness-prevention staff of state and local agencies and organizations responsible for ensuring safe and stable housing, including workers from state and local agencies and organizations with responsibility for ensuring safe and stable housing; shelter outreach or drop-in center programs; financing affordable housing; and administering rent subsidies, homeless interventions, operating supports, and similar supports. This includes workers necessary to provide repairs, maintenance, and operations support to residential dwellings.

iii. Workers performing all other governmental functions which are necessary to ensure the health, safety, and welfare of the public, to preserve the essential elements of the financial system of government, and to continue priority services as determined by a political subdivision of the State. All political subdivisions of the State will determine the minimum personnel necessary to maintain these governmental operations.

iv. Workers supporting building code enforcement necessary to maintain public safety and health and for all ongoing construction.

v. Workers, including logistical and contract workers, who are critical to facilitating support of national, state, and local emergency response operations.

vi. Workers necessary to process applications for and issue hunting and fishing licenses, where it is impracticable for applicants to apply online.

j. **Critical manufacturing**. This includes the critical manufacturing workers listed in the Updated CISA Guidance and the following:

i. Workers supporting iron ore mining and processing operations and supplier/vendor industries essential to such mining and processing operations.

ii. Workers supporting printing operations that supply other Critical Sectors. Other printing workers are **not** exempted.

k. **Hazardous materials**. This category is limited to hazardous materials workers listed in the Updated CISA Guidance.

l. **Financial services**. This category is limited to financial services workers identified in the Updated CISA Guidance, in addition to workers at banks, credit unions, insurance companies, and insurance agencies. Debt collection professionals and other workers supporting debt collection are **not** exempted.

m. **Chemical**. This category is limited to chemical workers listed in the Updated CISA Guidance.

n. **Defense industrial base**. This category is limited to defense industrial base workers listed in the Updated CISA Guidance.

o. **Commercial facilities/essential supply stores**. Essential supply stores are strongly encouraged to offer curbside pickup or delivery of products. This category is limited to commercial facilities workers listed in the Updated CISA Guidance and the following:

i. Workers supporting businesses that sell products, tools, materials, or supplies necessary for: (1) Critical Sectors to continue their essential operations, (2) for workers to work from home, or (3) for the maintenance of the safety, sanitation, and essential operation of homes or residences.

ii. Workers supporting licensed businesses that sell or service firearms, pursuant to Minnesota Statutes 2019, section 624.7192. Gun ranges and clubs must remain closed pursuant to Executive Orders 20-04, 20-18, and this Executive Order.

iii. Workers supporting arts and crafts stores, but only to the extent that they are distributing materials for making personal protective equipment (*e.g.* homemade facemasks). Such materials must be purchased on-line or by phone before pick-up and must be pre-

packaged by the manufacturer, distributor, or the store. Workers supporting arts and crafts stores are not otherwise exempt.

p. **Residential/shelter facilities and services.** This category includes the residential/shelter facilities and services workers listed in the Updated CISA Guidance, including workers supporting moving and relocation services, in addition to workers supporting emergency shelters, drop-in centers, and encampments, as well as outreach workers. Governmental and other entities are strongly urged to make 24-hour shelter available as soon as possible, to the maximum extent practicable, and in compliance with CDC guidance.

q. **Laundry and hygiene products and services**. This category includes the hygiene products and services workers listed in the Updated CISA Guidance and the following:

   i. Workers in laundromats and all laundry or dry-cleaning services.

   ii. Workers cleaning common areas in apartment buildings and other similar common spaces.

   iii. Workers providing housecleaning for individuals with disabilities.

   iv. Workers doing ordinary residential housecleaning of individual homes are **not** exempt.

r. **Tribal Governments**. Tribal officers and workers deemed essential by the relevant Tribal government, regardless of residence.

s. **The Judicial Branch**. This category is limited to judicial officers and personnel deemed essential by the Chief Justice to ensure the continued operations of Minnesota's court system.

t. **The Executive Branch**. This category is limited to personnel deemed necessary to continue priority services of executive branch agencies, offices, departments, divisions, boards, bureaus, councils, committees, institutions, authorities, and commissions, as well as, the Minnesota State Colleges and Universities system, Minnesota State Retirement System, Public Employees Retirement Association, and Teacher's Retirement Association, as determined by the Commissioner of Management and Budget in consultation with those agencies and entities.

u. **Executive Constitutional Offices**. This category is limited to Constitutional Officers and personnel deemed essential by the applicable Constitutional Officer to ensure the continued operations of the Constitutional Office.

v. **The Legislative Branch**. This category is limited to personnel deemed essential by the presiding officers of each body.

w. **Federal employees**. Nothing in this Executive Order will be construed to limit, prohibit, or restrict in any way the operations of the federal government or the movement of federal officials in Minnesota while acting in their official capacity, including federal judicial, legislative, and executive staff and personnel.

x. **National Guard**. This category is limited to National Guard members that are on orders, to include state active duty, Title 32, or Title 10 orders and members in an Inactive Duty for Training status. At the discretion of the Adjutant General, this category also includes full-time staff of the Minnesota National Guard or Department of Military Affairs that are necessary for the execution of the National Guard's mission.

y. **Faith leaders and workers**. This category includes officials, workers, and leaders in houses of worship and other places of religious expression or fellowship, wherever their services may be needed. This category also includes workers necessary to plan, record, and distribute online or broadcast content to community members.

z. **Education**. Educators and other workers supporting public and private schools, as well as higher education (*e.g.*, colleges and universities). This category includes educators and other workers providing care to children as provided by Executive Order 20-19. Executive Order 20-02 remains in effect.

aa. **Construction and critical trades**. This category includes the following:

    i. Workers in the skilled trades such as electricians, plumbers, HVAC and elevator technicians, and other workers supporting construction of all kind.

    ii. Workers such as exterminators, cleaning and janitorial staff for commercial and governmental properties, moving and relocation services, security staff, operating engineers, and all other service providers who provide services that are necessary to maintain the safety, sanitation, and essential operation of homes and residences and the Critical Sectors listed in this Executive Order.

    iii. Workers supporting major appliance sales, related parts sales, and service.

bb. **Child care providers**. This category includes workers in child care centers, family child care, schools, and other facilities. Such providers are encouraged to remain open to provide child care services for workers in the Critical Sectors listed in this Executive Order as possible and insofar as public health guidance can be followed. This category also applies to individuals providing child care for Critical Sector workers in a personal home, such as family, friend, and neighbor care required for Critical Sector workers to continue to perform their duties.

cc. **Hotels, residential facilities, and shelters**. This category includes workers supporting hotels and motels, facilities and shelters for adults, seniors, and children, including victims of domestic violence, people with developmental disabilities, intellectual disabilities, substance abuse disorders, or mental illness. Such facilities and shelters include halfway houses and residential treatment programs. This category also includes workers needed to keep apartment complex buildings and other congregate residences or homes operational and sanitary.

dd. **Charitable and social services organizations**. This category is limited to workers supporting organizations that are engaged in hunger relief work, and those that provide food, shelter, prescription delivery, mental health and substance abuse treatments, and other social services, as well as other necessities of life for individuals in need of such services, older adults who live alone, people with disabilities, and those who need assistance as a result of this emergency.

ee. **Legal services**. This category is limited to workers who are necessary to provide essential legal services. Essential legal services include:

i. Advice and representation needed to aid the delivery of all critical government services.

ii. Advice and representation required to ensure the immediate and critical health, safety, and liberties of Minnesotans, including but not limited to, end-of-life planning, immigration, essential services to elders and persons with disabilities, child support, child-protection and domestic abuse matters, protection of personal financial resources necessary to meet basic needs, prosecution or defense in ongoing criminal matters, or all matters in which individuals are held in custody pending a legal proceeding, and proceedings held in the district or appellate courts during the effective period of this order.

iii. Advice and representation related to the continuation of the Critical Sectors identified in this Executive Order, including ensuring compliance with this Executive Order, previous Executive Orders, and all applicable laws, rules, and regulations applying to Critical Sectors.

iv. Supporting housing and shelter-related efforts, including loan applications, loan processing, seeking temporary relief from residential and commercial loan or lease provisions, retention of gas, electric, or water utility services, and seeking temporary relief from residential evictions or foreclosures, or other actions intended to keep people in their homes.

v. Process servers and legal couriers.

ff. **Notaries**. This category is limited to notaries performing services that cannot be deferred and which cannot be accomplished via remote services under Minnesota Statutes 2019, section 358.645.

gg. **Critical labor union functions**. This category includes labor union essential activities, including the administration of health and welfare funds, and monitoring the wellbeing and safety of members providing services in the Critical Sectors.

hh. **Animal care and veterinarians**. This category is limited to veterinarians and workers at animal care facilities or Department of Natural Resources workers who provide food, shelter, veterinary services, and other necessities of life for animals. Workers in this category are subject to the restrictions on elective surgeries and procedures as set forth in Executive Orders 20-09 and 20-17. This category also includes the following:

i. Workers providing care (*e.g.* daycare or boarding) to pets in the following circumstances:

a. Caring for pets owned by other Critical Sector workers during their shifts.

b. Caring for pets needing care because the owner is physically or otherwise unable to care for the animal.

c. Caring for pets owned by individuals who are ill or quarantined, provided that contact with the owner is limited to a one-time pick up until the illness or quarantine has passed.

d. Caring for pets currently boarded and circumstances prevent the owner from retrieving them.

ii. Workers supporting pet adoption and animal foster care are exempt, provided that (1) any paperwork and payment is done online, and (2) appropriate social distancing is observed during the adoption process.

iii. Workers supporting pet grooming businesses are **not** exempt.

ii. **Real estate transactions.** This category is limited to workers who facilitate and finance real estate transactions and real estate services, including appraisers and title services.

jj. **Minimum basic operations.** This category includes workers supporting minimum basic operations in businesses and other organizations. Minimum basic operations include (i) minimum necessary activities to maintain the value of the business' inventory, preserve the condition of a business's or other organization's facilities, physical plant, or equipment, ensure security, process payroll and employee benefits, or related functions; and (ii) the

minimum necessary activities to facilitate remote work by workers from their residences (*e.g.*, IT personnel who allow workers to operate remotely or personnel who support remote or distance learning).

7. All exempted Activities and Critical Sector work should be conducted in a manner that adheres to Minnesota Occupational Safety and Health Standards and the Minnesota Department of Health and CDC Guidelines related to COVID-19, including social distancing and hygiene. Under existing law and authority, the Minnesota Occupational Safety and Health Administration may issue citations, civil penalties, or closure orders to places of employment with unsafe or unhealthy conditions, and the Department of Labor and Industry may penalize employers that retaliate against employees who raise safety and health concerns.

8. Except as necessary to seek medical care and obtain other necessities of life, people at high risk of severe illness from COVID-19 (*e.g.*, elderly people and those with underlying health conditions) are strongly urged to stay in their home or residence, even when the terms of this Executive Order would allow them to leave their home or residence.

9. I urge all Minnesotans to voluntarily comply with this Executive Order. Pursuant to Minnesota Statutes 2019, section 12.45, a worker who willfully violates this Executive Order is guilty of a misdemeanor and upon conviction must be punished by a fine not to exceed $1,000 or by imprisonment for not more than 90 days. Any business owner, manager, or supervisor who requires or encourages any of their employees to violate this Executive Order is guilty of a gross misdemeanor and upon conviction must be punished by a fine not to exceed $3,000 or by imprisonment for not more than a year. In addition to those criminal penalties, the Attorney General, as well as city and county attorneys, may seek any civil relief available pursuant to Minnesota Statutes 2019, section 8.31, for violations of this Executive Order, including civil penalties up to $25,000 per occurrence from businesses and injunctive relief. Nothing in this Executive Order is intended to encourage or allow law enforcement to transgress individual constitutional rights.

10. I direct the Commissioners of Health, Employment and Economic Development, and Labor and Industry to begin planning on how to allow certain non-Critical Sector workers to return to work when it is safe to do so. Such a plan must include guidelines and requirements for appropriate social distancing, hygiene, and public health best practices. I also direct other cabinet agencies to coordinate expeditiously to develop relevant guidance related to this Executive Order and to provide that guidance to the public.

11. I direct all state agencies to continue to coordinate expeditiously to develop plans to mitigate the economic effects of closures and restrictions necessitated by this peacetime emergency, including potential financial support, regulatory relief, and other executive actions.

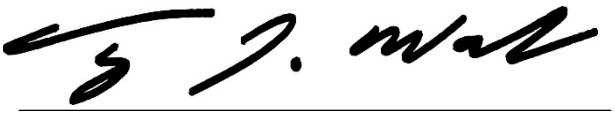
12. The closure of bars, restaurants, and other public accommodations set forth in Executive Order 20-04, as amended by Executive Orders 20-08 and 20-18, is extended until May 3, 2020 at 11:59 pm.

13. This Executive Order may be extended by a future Executive Order, with the approval of the Executive Council.

Pursuant to Minnesota Statutes 2019, section 4.035, subdivision 2, and section 12.32, this Executive Order is effective immediately upon approval by the Executive Council. It remains in effect until the peacetime emergency declared in Executive Order 20-01 is terminated or until it is rescinded by proper authority.

A determination that any provision of this Executive Order is invalid will not affect the enforceability of any other provision of this Executive Order. Rather, the invalid provision will be modified to the extent necessary so that it is enforceable.

Signed on April 8, 2020.



Tim Walz
Governor

Filed According to Law:

Steve Simon
Secretary of State

Approved by the Executive Council on April 8, 2020:

Alice Roberts-Davis
Secretary, Executive Council



Guidance on the Essential Critical Infrastructure Workforce: Ensuring Community and National Resilience in COVID-19 Response

Version 2.0 (March 28, 2020)

THE IMPORTANCE OF ESSENTIAL CRITICAL INFRASTRUCTURE WORKERS

Functioning critical infrastructure is imperative during the response to the COVID-19 emergency for both public health and safety as well as community well-being. Certain critical infrastructure industries have a special responsibility in these times to continue operations.

This advisory guidance and accompanying list are intended to support state, local, tribal, territorial and industry partners in identifying the critical infrastructure sectors and the essential workers needed to maintain the services and functions Americans depend on daily and that need to be able to operate resiliently during the COVID-19 pandemic response.

This document gives advisory guidance on defining essential critical infrastructure workers. Promoting the ability of such workers to continue to work during periods of community restriction, access management, social distancing, or closure orders/directives is crucial to community resilience and continuity of essential functions.

CISA will continually solicit and accept feedback on the list and will evolve the list in response to stakeholder feedback. We will also use our various stakeholder engagement mechanisms to work with partners on how they are using this list and share those lessons learned and best practices broadly. Feedback can be sent to CISA.CAT@CISA.DHS.GOV.

CONSIDERATIONS FOR GOVERNMENT AND BUSINESS

This list was developed in consultation with federal agency partners, industry experts, and State and local officials, and is based on several key principles:

1. Response efforts to the COVID-19 pandemic are locally executed, state managed, and federally supported.
2. Everyone should follow guidance from the CDC, as well as State and local government officials, regarding strategies to limit disease spread.
3. Workers should be encouraged to work remotely when possible and focus on core business activities. In-person, non-mandatory activities should be delayed until the resumption of normal operations.
4. When continuous remote work is not possible, businesses should enlist strategies to reduce the likelihood of spreading the disease. This includes, but is not necessarily limited to, separating staff by off-setting shift hours or days and/or social distancing. These steps can preserve the workforce and allow operations to continue.
5. All organizations should implement their business continuity and pandemic plans or put plans in place if they do not exist. Delaying implementation is not advised and puts at risk the viability of the business and the

health and safety of the employees.

6. Reliance on technology and just-in-time supply chains means that certain workers must be able to access certain sites, facilities, and assets to ensure continuity of functions.

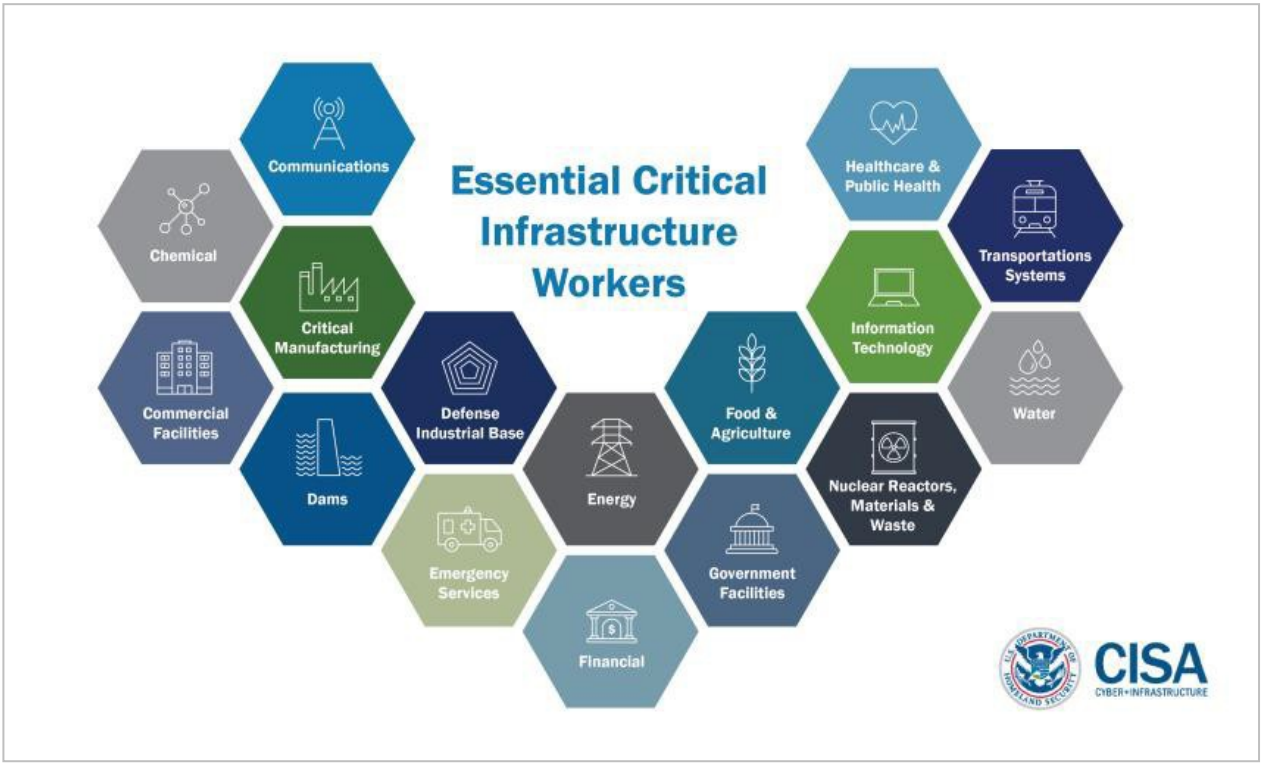
7. Government employees, such as emergency managers, and the business community need to establish and maintain lines of communication.

8. When government and businesses engage in discussions about essential critical infrastructure workers, they need to consider the implications of business operations beyond the jurisdiction where the asset or facility is located. Businesses can have sizeable economic and societal impacts as well as supply chain dependencies that are geographically distributed.

9. Whenever possible, jurisdictions should align access and movement control policies related to critical infrastructure workers to lower the burden of workers crossing jurisdictional boundaries.

IDENTIFYING ESSENTIAL CRITICAL INFRASTRUCTURE WORKERS

The following list of identified essential critical infrastructure workers is intended to be overly inclusive reflecting the diversity of industries across the United States.



HEALTHCARE / PUBLIC HEALTH

- Workers who perform critical clinical research, development, and testing needed for COVID-19 response.
- Healthcare providers and Caregivers including physicians, dentists, psychologists, mid-level practitioners, nurses and assistants, infection control and quality assurance personnel, pharmacists, physical and occupational therapists and assistants, social workers, optometrists, speech pathologists, chiropractors, and diagnostic and therapeutic technicians and technologists.
- Hospital and laboratory personnel (including accounting, administrative, admitting and discharge, engineering, epidemiological, source plasma and blood donation, food service, housekeeping, medical records, information technology and operational technology, nutritionists, sanitarians, respiratory therapists, etc.).
- Workers in other medical and biomedical facilities (including Ambulatory Health and Surgical, Blood Banks, Clinics, Community Mental Health, Comprehensive Outpatient rehabilitation, End Stage Renal Disease, Health Departments, Home Health care, Hospices, Hospitals, Long Term Care, Nursing Care Facilities, Organ Pharmacies, Procurement Organizations, Psychiatric Residential, Rural Health Clinics and Federally Qualified Health Centers, and retail facilities specializing in medical good and supplies).
- Manufacturer workers for health manufacturing (including biotechnology companies), materials and parts suppliers, logistics and warehouse operators, distributors of medical equipment (including those who test and repair), personal protective equipment (PPE), isolation barriers, medical gases, pharmaceuticals (including materials used in radioactive drugs), dietary supplements, blood and blood products, vaccines, testing materials, laboratory supplies, cleaning, sanitizing, disinfecting or sterilization supplies, and tissue and paper towel products.
- Public health / community health workers, including those who compile, model, analyze and communicate public health information.
- Blood and plasma donors and the employees of the organizations that operate and manage related activities.
- Workers who manage health plans, billing, and health information, who cannot practically work remotely.
- Workers who conduct community-based public health functions, conducting epidemiologic surveillance, compiling, analyzing and communicating public health information, who cannot practically work remotely.
- Workers performing information technology and cybersecurity functions at healthcare and public health facilities, who cannot practically work remotely.
- Workers performing security, incident management, and emergency operations functions at or on behalf of healthcare entities including healthcare coalitions, who cannot practically work remotely.
- Pharmacy employees necessary to maintain uninterrupted prescription filling.
- Workers performing mortuary funeral, cremation, burial, cemetery, and related services, including funeral homes, crematoriums, cemetery workers, and coffin makers.
- Workers who coordinate with other organizations to ensure the proper recovery, handling, identification, transportation, tracking, storage, and disposal of human remains and personal effects; certify cause of death; and facilitate access to mental/behavioral health services to the family members, responders, and survivors of an incident.

LAW ENFORCEMENT, PUBLIC SAFETY, AND OTHER FIRST RESPONDERS

- Public, private, and voluntary personnel (front line and management) in emergency management, law enforcement, fire and rescue services, emergency medical services, and private security, to include public and private hazardous material responders, air medical service providers (pilots and supporting technicians), corrections, and search and rescue personnel.
- 911 call center employees and Public Safety Answering Points who can't perform their duties remotely.
- Fusion Center employees.
- Workers – including contracted vendors -- who maintain, manufacture, or supply equipment and services supporting law enforcement emergency service and response operations (to include electronic security and life safety security personnel).
- Workers supporting the manufacturing of safety equipment and uniforms for law enforcement, public safety personnel, and first responder.
- Workers supporting the operation of firearm or ammunition product manufacturers, retailers, importers, distributors, and shooting ranges.
- Public agency workers responding to abuse and neglect of children, elders, and dependent adults.
- Workers who support weather disaster / natural hazard mitigation and prevention activities.
- Security staff to maintain building access control and physical security measures.

FOOD AND AGRICULTURE

- Workers supporting groceries, pharmacies, convenience stores, and other retail (including unattended and vending) that sells human food, animal/pet food and pet supply, and beverage products, including retail customer support service and information technology support staff necessary for online orders, pickup and delivery.
- Restaurant carry-out and quick serve food operations, including dark kitchen and food prep centers, and carry-out and delivery food employees.
- Food manufacturer employees and their supplier employees—to include those employed in food ingredient production and processing facilities; livestock, poultry, seafood slaughter facilities; pet and animal feed processing facilities; human food facilities producing by-products for animal food; beverage production facilities; and the production of food packaging.
- Farmers, farm workers, and agribusiness support services to include those employed in auction and sales: grain and oilseed handling, processing and distribution; animal food, feed, and ingredient production, packaging, and distribution; manufacturing, packaging, and distribution of veterinary drugs; truck delivery and transport; farm and fishery labor needed to produce our food supply domestically and for export.
- Farmers, farm workers, support service workers, and their supplier employees to include those engaged in producing and harvesting field crops; commodity inspection; fuel ethanol facilities; biodiesel and renewable diesel facilities; storage facilities; and other agricultural inputs.
- Employees and firms supporting the distribution of food, feed, and beverage and ingredients used in these products, including warehouse workers, vendor- managed inventory controllers and blockchain managers.
- Workers supporting the sanitation and pest control of all food manufacturing processes and operations from wholesale to retail.
- Employees in cafeterias used to feed employees, particularly employee populations sheltered against COVID-19.
- Workers in animal diagnostic and food testing laboratories in private industries and in institutions of higher education.

- Government, private, and non-governmental organizations' workers essential for food assistance programs (including school lunch programs) and government payments.
- Employees of companies engaged in the production, storage, transport, and distribution of chemicals, medicines, vaccines, and other substances used by the food and agriculture industry, including seeds, pesticides, herbicides, fertilizers, minerals, enrichments, and other agricultural production aids.
- Animal agriculture workers to include those employed in veterinary health (including those involved in supporting emergency veterinary or livestock services); raising of animals for food; animal production operations; livestock markets; slaughter and packing plants, manufacturers, renderers, and associated regulatory and government workforce.
- Transportation supporting animal agricultural industries, including movement of animal medical and reproductive supplies and materials, animal vaccines, animal drugs, feed ingredients, feed, and bedding, live animals, animal by-products, and deceased animals for disposal.
- Workers who support sawmills and the manufacture and distribution of fiber and forest products, including, but not limited to timber, paper, and other wood and fiber products.
- Employees engaged in the manufacture and maintenance of equipment and other infrastructure necessary for agricultural production and distribution.

ENERGY

- Workers supporting the energy sector, regardless of the energy source (including but not limited to nuclear, fossil, hydroelectric, or renewable), segment of the system, or infrastructure the worker is involved in, or who are needed to monitor, operate, engineer, and maintain the reliability, safety, environmental health, and physical and cyber security of the energy system.
- Energy/commodity trading/scheduling/marketing functions, who can't perform their duties remotely.
- IT and OT technology for essential energy sector operations including support workers, customer service operations; energy management systems, control systems, and Supervisory Control and Data Acquisition SCADA systems, and energy sector entity data centers; cybersecurity engineers; and cybersecurity risk management.
- Workers supporting the energy sector through renewable energy infrastructure (including, but not limited to wind, solar, biomass, hydrogen, ocean, geothermal, and/or hydroelectric), including those supporting construction, manufacturing, transportation, permitting, operation/maintenance, monitoring, and logistics.
- Workers and security staff involved in nuclear re-fueling operations.
- Providing services related to energy sector fuels (including, but not limited, petroleum (crude oil), natural gas, propane, natural gas liquids, other liquid fuels, nuclear, and coal), supporting the mining, processing, manufacturing, construction, logistics, transportation, permitting, operation/maintenance, security, waste disposal and storage, and monitoring of support for resources.
- Environmental remediation/monitoring, limited to immediate critical needs technicians.
- Manufacturing and distribution of equipment, supplies, and parts necessary to maintain production, maintenance, restoration, and service at energy sector facilities (across all energy sector segments).

Electricity industry:

- Workers who maintain, ensure, or restore, or are involved in the development, transportation, fuel procurement, expansion, or operation of the generation, transmission, and distribution of electric power, including call centers, utility workers, engineers, retail electricity, constraint maintenance, and fleet maintenance technicians-who cannot perform their duties remotely.
- Workers at coal mines, production facilities, and those involved in manufacturing, transportation, permitting, operation/maintenance and monitoring at coal sites which is critical to ensuring the reliability of the electrical system.

- Workers who produce, process, ship and handle coal used for power generation and manufacturing.
- Workers needed for safe and secure operations at nuclear generation to include but not limited to, the broader nuclear supply chain, parts to maintain nuclear equipment, fuel manufacturers and fuel components used in the manufacturing of fuel.
- Workers at renewable energy infrastructure (including, but not limited to wind, solar, biomass, hydrogen, geothermal, and/or hydroelectric), including those supporting construction, manufacturing, transportation, permitting, operation/maintenance, monitoring, and logistics.
- Workers at generation, transmission, and electric black start facilities.
- Workers at Reliability Coordinator, Balancing Authorities, and primary and backup Control Centers, including but not limited to independent system operators, regional transmission organizations, and local distribution control centers.
- Mutual assistance personnel which may include workers from outside of the state or local jurisdiction.
- Vegetation management and traffic control for supporting those crews.
- Environmental remediation/monitoring workers limited to immediate critical needs technicians.
- Instrumentation, protection, and control technicians.
- Essential support personnel for electricity operations.
- Generator set support workers such as diesel engineers used in power generation including those providing fuel.

Petroleum industry:

- Workers for onshore and offshore petroleum drilling operations; platform and drilling construction and maintenance; transportation (including helicopter operations), maritime transportation, supply, and dredging operations; maritime navigation; well stimulation, intervention, monitoring, automation and control, extraction, production; processing; waste disposal, and maintenance, construction, and operations.
- Workers for crude oil, petroleum and petroleum product storage and transportation, including pipeline, marine transport, terminals, rail transport, storage facilities and racks and roadtransport for use as end-use fuels such as gasoline, diesel fuel, jet fuel, and heating fuels or feedstocks for chemical manufacturing.
- Petroleum and petroleum product security operations center employees and workers who support maintenance and emergency response services.
- Petroleum and petroleum product operations control rooms/centers and refinery facilities.
- Retail fuel centers such as gas stations and truck stops, and the distribution systems that support them.
- Supporting new and existing construction projects, including, but not limited to, pipeline construction.

Natural Gas, Natural Gas Liquids (NGL), Propane, and other liquid fuels

- Workers who support onshore and offshore drilling operations, platform and drilling construction and maintenance; transportation (including helicopter operations); maritime transportation, supply, and dredging operations; maritime navigation; natural gas and natural gas liquid production, processing, extraction, storage and transportation; well intervention, monitoring, automation and control; waste disposal, and maintenance, construction, and operations.
- Transmission and distribution pipeline workers, including compressor stations and any other required, operations maintenance, construction, and support for natural gas, natural gas liquid, propane, and other liquid fuels.
- Natural gas, propane, natural gas liquids, and other liquid fuel processing plants, including construction, maintenance, and support operations.
- Natural gas processing plants workers, and those that deal with natural gas liquids.
- Workers who staff natural gas, propane, natural gas liquids, and other liquid fuel security operations centers, operations dispatch and control rooms/centers, and emergency response and customer emergencies (including leak calls) operations.
- Drilling, production, processing, refining, and transporting natural gas for use as end-use fuels, feedstocks for

chemical manufacturing, or use in electricity generation.

- Dispatch and control rooms and emergency response and customer emergencies, including propane leak calls.
- Propane gas service maintenance and restoration, including call centers.
- Propane, natural gas liquids, and other liquid fuel distribution centers.
- Propane gas storage, transmission, and distribution centers.
- Supporting new and existing construction projects, including, but not limited to, pipeline construction.
- Ethanol and biofuel production, refining, and distribution.
- Workers in fuel sectors (including, but not limited to nuclear, coal, and gas types and liquid fuels) supporting the mining, manufacturing, logistics, transportation, permitting, operation/maintenance, and monitoring of support for resources.

WATER AND WASTEWATER

Employees needed to operate and maintain drinking water and wastewater/drainage infrastructure, including:

- Operational staff at water authorities.
- Operational staff at community water systems.
- Operational staff at wastewater treatment facilities.
- Workers repairing water and wastewater conveyances and performing required sampling or monitoring, including field staff.
- Operational staff for water distribution and testing.
- Operational staff at wastewater collection facilities.
- Operational staff and technical support for SCADA Control systems.
- Chemical and equipment suppliers to water and wastewater systems and personnel protection.
- Workers who maintain digital systems infrastructure supporting water and wastewater operations.

TRANSPORTATION AND LOGISTICS

- Employees supporting or enabling transportation functions, including truck drivers, bus drivers, dispatchers, maintenance and repair technicians, warehouse workers, truck stop and rest area workers, Department of Motor Vehicle (DMV) employees, towing/recovery services, roadside assistance workers, intermodal transportation personnel, and workers who maintain and inspect infrastructure (including those that require cross-jurisdiction travel).
- Workers supporting the distribution of food, pharmaceuticals (including materials used in radioactive drugs) and other medical materials, fuels, chemicals needed for water or water treatment and energy Maintenance and operation of essential highway infrastructure, including roads, bridges, and tunnels (e.g., traffic operations centers and moveable bridge operators).
- Employees of firms providing services, supplies, and equipment that enable warehouse and operations, including cooling, storing, packaging, and distributing products for wholesale or retail sale or use. Includes cold- and frozen-chain logistics for food and critical biologic products.
- Mass transit workers and providing critical transit services and/or performing critical or routine maintenance to mass transit infrastructure or equipment.
- Employees supporting personal and commercial transportation services – including taxis, delivery services, vehicle rental services, bicycle maintenance and car-sharing services, and transportation network providers.
- Workers responsible for operating and dispatching passenger, commuter and freight trains and maintaining rail infrastructure and equipment.
- Maritime transportation workers, including dredgers, port workers, mariners, ship crewmembers, ship pilots and tug boat operators, equipment operators (to include maintenance and repair, and maritime-specific medical

providers), ship supply, chandler, and repair companies.

- Workers including truck drivers, railroad employees and contractors, maintenance crew, and cleaners supporting transportation of chemicals, hazardous, medical, and waste materials to support critical infrastructure, capabilities, functions, and services, including specialized carriers, crane and rigging industry workers.
- Bus drivers and workers who provide or support intercity, commuter and charter bus service in support of other essential services or functions.
- Automotive repair, maintenance, and transportation equipment manufacturing and distribution facilities (including those who repair and maintain electric vehicle charging stations).
- Transportation safety inspectors, including hazardous material inspectors and accident investigator inspectors.
- Manufacturers and distributors (to include service centers and related operations) of packaging materials, pallets, crates, containers, and other supplies needed to support manufacturing, packaging staging and distribution operations.
- Postal, parcel, courier, last-mile delivery, and shipping and related workers, to include private companies.
- Employees who repair and maintain vehicles, aircraft, rail equipment, marine vessels, bicycles, and the equipment and infrastructure that enables operations that encompass movement of cargo and passengers.
- Air transportation employees, including air traffic controllers and maintenance personnel, ramp workers, aviation and aerospace safety, security, and operations personnel and accident investigations.
- Workers who support the operation, distribution, maintenance, and sanitation, of air transportation for cargo and passengers, including flight crews, maintenance, airport operations, those responsible for cleaning and disinfection, and other on- and off- airport facilities workers.
- Workers supporting transportation via inland waterways such as barge crew, dredging, river port workers for essential goods.
- Workers critical to rental and leasing of vehicles and equipment that facilitate continuity of operations for essential workforces and other essential travel.
- Warehouse operators, including vendors and support personnel critical for business continuity (including HVAC & electrical engineers; security personnel; and janitorial staff) and customer service for essential functions.

PUBLIC WORKS AND INFRASTRUCTURE SUPPORT SERVICES

- Workers who support the operation, inspection, and maintenance of essential public works facilities and operations, including bridges, water and sewer main breaks, fleet maintenance personnel, construction of critical or strategic infrastructure, traffic signal maintenance, emergency location services for buried utilities, maintenance of digital systems infrastructure supporting public works operations, and other emergent issues.
- Workers such as plumbers, electricians, exterminators, builders, contractors, HVAC Technicians, landscapers, and other service providers who provide services that are necessary to maintaining the safety, sanitation, and essential operation of residences, businesses and buildings such as hospitals, senior living facilities, any temporary construction required to support COVID-19 response.
- Workers who support, such as road and line clearing, to ensure the availability of and access to needed facilities, transportation, energy and communications.
- Support to ensure the effective removal, storage, and disposal of residential and commercial solid waste and hazardous waste, including landfill operations.
- Workers who support the operation, inspection, and maintenance of essential dams, locks and levees.
- Workers who support the inspection and maintenance of aids to navigation, and other government provided services that ensure continued maritime commerce.

COMMUNICATIONS AND INFORMATION TECHNOLOGY

Communications:

- Maintenance of communications infrastructure- including privately owned and maintained communication systems- supported by technicians, operators, call -centers, wireline and wireless providers, cable service providers, satellite operations, Internet Exchange Points, Points of Presence, Network Access Points, back haul and front haul facilities, and manufacturers and distributors of communications equipment.
- Government and private sector employees (including government contractors) with work related to undersea cable infrastructure and support facilities, including cable landing sites, beach manhole vaults and covers, submarine cable depots and submarine cable ship facilities.
- Government and private sector employees (including government contractors) supporting Department of Defense internet and communications facilities.
- Workers who support radio, television, and media service, including, but not limited to front-line news reporters, studio, and technicians for newsgathering, and reporting, and publishing news.
- Network Operations staff, engineers and/or technicians to include IT managers and staff, HVAC & electrical engineers, security personnel, software and hardware engineers, and database administrators that manage the network or operate facilities.
- Engineers, technicians and associated personnel responsible for infrastructure construction and restoration, including contractors for construction and engineering of fiber optic cables, buried conduit, small cells, other wireless facilities, and other communications sector-related infrastructure. This includes construction of new facilities and deployment of new technology as these are required to address congestion or customer usage due to unprecedented use of remote services.
- Installation, maintenance and repair technicians that establish, support or repair service as needed.
- Central office personnel to maintain and operate central office, data centers, and other network office facilities, critical support personnel assisting front line employees.
- Customer service and support staff, including managed and professional services as well as remote providers of support to transitioning employees to set up and maintain home offices, who interface with customers to manage or support service environments and security issues, including payroll, billing, fraud, logistics, and troubleshooting.
- Workers providing electronic security, fire, monitoring and life safety services, and to ensure physical security, cleanliness and safety of facilities and personnel, including temporary licensing waivers for security personnel to work in other States of Municipalities.
- Dispatchers involved with service repair and restoration.
- Retail customer service personnel at critical service center locations for onboarding customers, distributing and repairing equipment and addressing customer issues in order to support individuals' remote emergency communications needs, supply chain and logistics personnel to ensure goods and products are on-boarded to provision these front-line employees.
- External Affairs personnel to assist in coordinating with local, state and federal officials to address communications needs supporting COVID-19 response, public safety, and national security.

Information Technology:

- Workers who support command centers, including, but not limited to Network Operations Command Centers, Broadcast Operations Control Centers and Security Operations Command Centers.
- Data center operators, including system administrators, HVAC & electrical engineers, security personnel, IT managers and purchasers, data transfer solutions engineers, software and hardware engineers, and database administrators, for all industries (including financial services).

- Workers who support client service centers, field engineers, and other technicians and workers supporting critical infrastructure, as well as manufacturers and supply chain vendors that provide hardware and software, support services, research and development, and information technology equipment (to include microelectronics and semiconductors), and HVAC and electrical equipment for critical infrastructure, and test labs and certification agencies that qualify such equipment(to include microelectronics, optoelectronics, and semiconductors) for critical infrastructure, including data centers.
- Workers needed to preempt and respond to cyber incidents involving critical infrastructure, including medical facilities, SLTT governments and federal facilities, energy and utilities, and banks and financial institutions, securities/other exchanges, other entities that support the functioning of capital markets, public works, critical manufacturing, food & agricultural production, transportation, and other critical infrastructure categories and personnel, in addition to all cyber defense workers (who can't perform their duties remotely).
- Suppliers, designers, transporters and other workers supporting the manufacture, distribution and provision and construction of essential global, national and local infrastructure for computing services (including cloud computing services and telework capabilities), business infrastructure, financial transactions/services, web-based services, and critical manufacturing.
- Workers supporting communications systems and information technology- and work from home solutions- used by law enforcement, public safety, medical, energy, public works, critical manufacturing, food & agricultural production, financial services, education, and other critical industries and businesses.
- Employees required in person to support Software as a Service businesses that enable remote working, performance of business operations, distance learning, media services, and digital health offerings, or required for technical support crucial for business continuity and connectivity.

OTHER COMMUNITY- OR GOVERNMENT-BASED OPERATIONS AND ESSENTIAL FUNCTIONS

- Workers to ensure continuity of building functions, including but not limited to security and environmental controls (e.g., HVAC), the manufacturing and distribution of the products required for these functions, and the permits and inspections for construction supporting essential infrastructure.
- Elections personnel to include both public and private sector elections support.
- Workers supporting the operations of the judicial system.
- Federal, State, and Local, Tribal, and Territorial employees who support Mission Essential Functions and communications networks.
- Trade Officials (FTA negotiators; international data flow administrators).
- Employees necessary to maintain news and media operations across various media.
- Employees supporting Census 2020.
- Weather forecasters.
- Clergy for essential support.
- Workers who maintain digital systems infrastructure supporting other critical government operations.
- Workers who support necessary credentialing, vetting and licensing operations for critical infrastructure workers.
- Customs and immigration workers who are critical to facilitating trade in support of the national emergency response supply chain.
- Educators supporting public and private K-12 schools, colleges, and universities for purposes of facilitating distance learning or performing other essential functions.
- Staff at government offices who perform title search, notary, and recording services in support of mortgage and real estate services and transactions.

- Residential and commercial real estate services, including settlement services.
- Workers supporting essential maintenance, manufacturing, design, operation, inspection, security, and construction for essential products, services, and supply chain and COVID 19 relief efforts.

CRITICAL MANUFACTURING

- Workers necessary for the manufacturing of metals (including steel and aluminum), industrial minerals, semiconductors, materials and products needed for medical supply chains, and for supply chains associated with transportation, energy, communications, information technology, food and agriculture, chemical manufacturing, nuclear facilities, wood products, commodities used as fuel for power generation facilities, the operation of dams, water and wastewater treatment, processing and reprocessing of solid waste, emergency services, and the defense industrial base. Additionally, workers needed to maintain the continuity of these manufacturing functions and associated supply chains, and workers necessary to maintain a manufacturing operation in warm standby.
- Workers necessary for the manufacturing of materials and products needed to manufacture medical equipment and personal protective equipment (PPE).
- Workers necessary for mining and production of critical minerals, materials and associated essential supply chains, and workers engaged in the manufacture and maintenance of equipment and other infrastructure necessary for mining production and distribution.
- Workers who produce or manufacture parts or equipment that supports continued operations for any essential services and increase in remote workforce (including computing and communication devices, semiconductors, and equipment such as security tools for Security Operations Centers (SOCs) or datacenters).

HAZARDOUS MATERIALS

- Workers who manage hazardous materials associated with any other essential activity, including but not limited to healthcare waste (medical, pharmaceuticals, medical material production), testing operations (laboratories processing test kits), and energy (nuclear facilities) Workers at nuclear facilities, workers managing medical waste, workers managing waste from pharmaceuticals and medical material production, and workers at laboratories processing tests Workers who support hazardous materials response and cleanup.
- Workers who maintain digital systems infrastructure supporting hazardous materials management operations.

FINANCIAL SERVICES

- Workers who are needed to provide, process and maintain systems for processing, verification, and recording of financial transactions and services, including payment, clearing, and settlement; wholesale funding; insurance services; consumer and commercial lending; and capital markets activities).
- Workers who are needed to maintain orderly market operations to ensure the continuity of financial transactions and services.
- Workers who are needed to provide business, commercial, and consumer access to bank and non-bank financial services and lending services, including ATMs, lending and money transmission, and to move currency, checks, securities, and payments (e.g., armored cash carriers).
- Workers who support financial operations and those staffing call centers, such as those staffing data and security operations centers, managing physical security, or providing accounting services.
- Workers supporting production and distribution of debit and credit cards.
- Workers providing electronic point of sale support personnel for essential businesses and workers.

CHEMICAL

- Workers supporting the chemical and industrial gas supply chains, including workers at chemical manufacturing plants, workers in laboratories, workers at distribution facilities, workers who transport basic raw chemical materials to the producers of industrial and consumer goods, including hand sanitizers, food and food additives, pharmaceuticals, paintings and coatings, textiles, building materials, plumbing, electrical, and paper products.
- Workers supporting the safe transportation of chemicals, including those supporting tank truck cleaning facilities and workers who manufacture packaging items.
- Workers supporting the production of protective cleaning and medical solutions, personal protective equipment, disinfectants, fragrances, and packaging that prevents the contamination of food, water, medicine, among others essential.
- Workers supporting the operation and maintenance of facilities (particularly those with high risk chemicals and/or sites that cannot be shut down) whose work cannot be done remotely and requires the presence of highly trained personnel to ensure safe operations, including plant contract workers who provide inspections.
- Workers who support the production and transportation of chlorine and alkali manufacturing, single-use plastics, and packaging that prevents the contamination or supports the continued manufacture of food, water, medicine, and other essential products, including glass container manufacturing.

DEFENSE INDUSTRIAL BASE

- Workers who support the essential services required to meet national security commitments to the federal government and U.S. Military. These individuals include, but are not limited to, space and aerospace; mechanical and software engineers (various disciplines), manufacturing/production workers; IT support; security staff; security personnel; intelligence support, aircraft and weapon system mechanics and maintainers; and sanitary workers who maintain the hygienic viability of necessary facilities.
- Personnel working for companies, and their subcontractors, who perform under contract or sub-contract to the Department of Defense, as well as personnel at government-owned/contractor- operated and government-owned/government-operated facilities, and who provide materials and services to the Department of Defense, including support for weapon systems, software systems and cybersecurity, defense and intelligence communications and surveillance, space systems and other activities in support of our military, intelligence and space forces.

COMMERCIAL FACILITIES

- Workers who support the supply chain of building materials from production through application/installation, including cabinetry, fixtures, doors, cement, hardware, plumbing, electrical, heating/cooling, refrigeration, appliances, paint/coatings, and employees who provide services that enable repair materials and equipment for essential functions.
- Workers supporting ecommerce through distribution, warehouse, call center facilities, and other essential operational support functions.
- Workers in hardware and building materials stores, consumer electronics, technology and appliances retail, and related merchant wholesalers and distributors - with reduced staff to ensure continued operations.
- Workers distributing, servicing, repairing, installing residential and commercial HVAC systems, boilers, furnaces and other heating, cooling, refrigeration, and ventilation equipment.

RESIDENTIAL/SHELTER FACILITIES AND SERVICES

- Workers in dependent care services, in support of workers in other essential products and services.

- Workers who support food, shelter, and social services, and other necessities of life for needy groups and individuals, including in-need populations and COVID-19 responders (including travelling medical staff).
- Workers in animal shelters.
- Workers responsible for the leasing of residential properties to provide individuals and families with ready access to available housing.
- Workers responsible for handling property management, maintenance, and related service calls who can coordinate the response to emergency "at-home" situations requiring immediate attention, as well as facilitate the reception of deliveries, mail, and other necessary services.
- Workers performing housing construction related activities to ensure additional units can be made available to combat the nation's existing housing supply shortage.
- Workers performing services in support of the elderly and disabled populations who coordinate a variety of services, including health care appointments and activities of daily living.
- Workers supporting the construction of housing, including those supporting government functions related to the building and development process, such as inspections, permitting and plan review services that can be modified to protect the public health, but fundamentally should continue and serve the construction of housing (e.g., allow qualified private third-party inspections in case of government shutdown).

HYGIENE PRODUCTS AND SERVICES

- Workers who produce hygiene products.
- Workers in laundromats, laundry services, and dry cleaners.
- Workers providing personal and household goods repair and maintenance.
- Workers providing disinfection services, for all essential facilities and modes of transportation, and supporting the sanitation of all food manufacturing processes and operations from wholesale to retail.
- Workers necessary for the installation, maintenance, distribution, and manufacturing of water and space heating equipment and its components.
- Support required for continuity of services, including commercial disinfectant services, janitorial/cleaning personnel, and support personnel functions that need freedom of movement to access facilities in support of front-line employees.

STATE OF MINNESOTA
Executive Department

Governor Tim Walz

Emergency Executive Order 20-20

Directing Minnesotans to Stay at Home

I, Tim Walz, Governor of the State of Minnesota, by the authority vested in me by the Constitution and applicable statutes, issue the following Executive Order:

The COVID-19 pandemic presents an unprecedented challenge to our State. On March 11, 2020, the World Health Organization ("WHO") characterized the COVID-19 outbreak as a pandemic. Despite efforts to contain COVID-19, the WHO and the Centers for Disease Control ("CDC") indicate that it is expected to spread. Confirmed cases of COVID-19 in Minnesota are rapidly increasing. On March 15, 2020, Minnesota detected the first confirmed cases caused by "community spread"—infections not epidemiologically linked to overseas travel. By March 17, 2020, all fifty states had reported a confirmed case of COVID-19. By March 20, 2020, the CDC had confirmed more than 15,000 COVID-19 cases in the United States. And on March 21, 2020, the Minnesota Department of Health ("MDH") announced the first confirmed fatality due to COVID-19 in Minnesota.

Community spread of COVID-19 in Minnesota and nationwide is increasing. As of March 24, 2020, Minnesota had 287 confirmed COVID-19 cases, with 35 hospitalizations. It is further expected that increased testing capacity would demonstrate that COVID-19 is circulating in communities across Minnesota that currently have not identified a confirmed case.

Minnesota has already taken proactive steps to ensure that we are ahead of the curve on COVID-19 prevention and response. On March 13, 2020, I issued Executive Order 20-01 and declared a peacetime emergency because this pandemic, an act of nature, threatens the lives of Minnesotans, and local resources are inadequate to address the threat. On March 15, 2020, I issued Executive Order 20-02 ordering the temporary closure of public schools. On March 16, 2020, I issued Executive Order 20-04 ordering the closure of bars, restaurants, and other places of public accommodation.

Recent developments, including the presence of community spread in Minnesota, the rapid increase in COVID-19 cases both globally and in Minnesota, and the first COVID-19 related death in our state, require Minnesota to take additional proactive measures to slow the spread of this pandemic. Slowing the community spread of COVID-19 is critical to ensuring that our

healthcare facilities remain able to accommodate those who require intensive medical intervention.

This Executive Order is consistent with a growing nationwide effort to contain the spread of COVID-19. On March 16, 2020, President Donald Trump issued guidelines to limit gatherings of more than 10 people. As of March 24, 2020, twenty-four states representing almost 200 million Americans have issued orders or public health directives closing non-essential businesses or limiting residents from participating in non-essential activities. Limiting activities to only those which are most essential and practicing social distancing at all times are vital tools required to mitigate the community spread of COVID-19 in Minnesota and nationwide.

On March 23, 2020, the U.S. Department of Homeland Security issued Guidance on the Essential Critical Infrastructure Workforce: Ensuring Community and National Resilience in COVID-19 Response ("CISA Guidance"—attached to, and incorporated into, this Executive Order). The CISA Guidance identifies workers who conduct a range of operations and services that are essential to continued critical infrastructure viability. This federal guidance provides a baseline for Minnesota's efforts to ensure critical infrastructure and services are maintained while slowing the spread of COVID-19.

In Minnesota Statutes 2019, section 12.02, the Minnesota Legislature conferred upon the Governor emergency powers "in order to (1) ensure that preparations of this state will be adequate to deal with disasters, (2) generally protect the public peace, health, and safety, and (3) preserve the lives and property of the people of the state." Pursuant to Minnesota Statutes 2019, section 12.21, subdivision 1, the Governor has general authority to control the state's emergency management as well as carry out the provisions of Minnesota's Emergency Management Act.

Minnesota Statutes 2019, section 12.21, subdivision 3(7), authorizes the Governor to cooperate with federal and state agencies in "matters pertaining to the emergency management of the state and nation . . . ." including "the direction or control of . . . the conduct of persons in the state, including entrance or exit from any stricken or threatened public place, occupancy of facilities, and . . . public meetings or gatherings . . . ." Pursuant to subdivision 3 of that same section, the Governor may "make, amend, and rescind the necessary orders and rules to carry out the provisions" of Minnesota Statutes 2019, Chapter 12. When approved by the Executive Council and filed in the Office of the Secretary of State, such orders and rules have the force and effect of law during the peacetime emergency. Any inconsistent rules or ordinances of any agency or political subdivision of the state are suspended during the pendency of the emergency. Any person who willfully violates such an order or rule is guilty of a misdemeanor and upon conviction must be punished by a fine not to exceed $1,000 or by imprisonment for not more than 90 days.

For these reasons, I order as follows:

1. Beginning on Friday, March 27, 2020 at 11:59 pm through Friday, April 10, 2020 at 5:00 pm, all persons currently living within the State of Minnesota are ordered to stay at home or in their place of residence except to engage in the Activities and Critical Sector work set forth below in Paragraphs 5 and 6.

2. For purposes of this Executive Order, homes or residences include hotels, motels, shared rental units, shelters, and similar facilities, to the extent they are used for lodging.

3. This Executive Order does not restrict virtual work or telework (*i.e.* work from home), and Minnesotans working in any field are encouraged to work from their home or residence as much as possible.

4. **Definitions**. As used in this Executive Order, "workers" and "personnel" are broadly defined to include employees, contractors, vendors, and volunteers. As used in this Executive Order, "Critical Sectors" is defined to include the categories found in the CISA Guidance and the additional categories listed below.

5. **Exemptions – Activities**. Minnesotans may leave their homes or residences to engage in the following activities, provided that all persons follow the guidelines set forth and maintained by the Minnesota Department of Health ("MDH Guidelines"), including but not limited to social distancing, to the maximum extent possible. This list of Activities may be clarified, as deemed necessary by the Governor, to ensure the health, safety, and security of all Minnesotans. Clarifications will be available for public review at: https://www.health.state.mn.us/diseases/coronavirus/

    a. **Relocation to ensure safety**. Individuals whose homes or residences are unsafe or become unsafe, including individuals who have suffered or are at risk of domestic violence or for whom the safety, sanitation or essential operations of the home or residence cannot be maintained, are allowed and urged to leave their home or residence and relocate to a safe alternative home or residence.

    b. **Health and safety activities.** Individuals may seek emergency services, obtain medical services, supplies, and medications, and visit a health care or dental professional or facility, or a veterinarian. Individuals may also donate blood.

    c. **Outdoor activities.** Individuals may engage in outdoor activities (*e.g.,* walking, hiking, running, biking, driving for pleasure, hunting, or fishing), and may go to available public parks and other public recreation lands, consistent with remaining at least six feet apart from individuals from other households. This does not exempt public accommodations that may feature outdoor activities from closure under Executive Order 20-04 and does not permit trespass upon private property.

    d. **Necessary supplies and services.** Individuals may obtain food, including delivery or carry-out services, beverages (alcoholic and non-alcoholic), and other grocery items, gasoline, supplies needed to work from home, and products needed to maintain the safety, sanitation, and essential operation of homes and residences, businesses, and personally owned vehicles, including

automobiles and bicycles. Individuals may also visit and use the services of laundromats and dry cleaners.

e. **Essential intrastate and interstate travel**. Individuals may travel to exempted activities and may travel to return to a home or place of residence. Individuals may also travel into and out of Minnesota.

f. **Care of others**. Individuals may care for a family member, friend, or pet in another household, and may transport family members, friends, or pets as allowed by this Executive Order, including the transport of children pursuant to existing parenting time schedules or other visitation schedules pertaining to a child in need of protective services ("CHIPS") proceeding.

g. **Displacement**. Individuals without a home are exempt from the restrictions in this Executive Order, and they may move between emergency shelters, drop-in centers, and encampments. Encampments should not be subject to sweeps or disbandment by state or local governments, as such sweeps or disbandment increase the potential risk and spread of COVID-19.

h. **Tribal Activities & Lands**.

i. Activities by tribal members within the boundaries of their tribal reservations are exempt from the restrictions in this Executive Order but may be subject to restrictions by tribal authorities.

ii. Activities within the boundaries of federal land held in trust for one of the 11 Minnesota Tribal Nations are exempt from the restrictions in this Executive Order but may be subject to restrictions by tribal authorities.

iii. Activities by tribal members to exercise their federal treaty rights within the boundaries of their treaty territory (also known as "ceded territory") are exempt from the restrictions in this Executive Order but may be subject to restrictions by applicable tribal authorities.

iv. Tribal members may travel to and from their tribal reservations in accordance with applicable tribal law.

6. **Exemptions – Critical Sectors**. **All workers who can work from home must do so**. Workers in the following Critical Sectors, who are performing work that cannot be done at their home or residence through telework or virtual work and can be done only at a place of work outside of their home or residence, are exempted from the prohibition in paragraph 1 as set forth below. **These critical services exemptions apply only to travel to and from an individual's home or residence and place of work and an individual's performance of work duties that cannot be done at their homes or residence. Travel may include transportation to and from child care or school settings as necessary to ensure the safe care of children**. This list of Critical Sectors may be clarified, as deemed necessary by the Governor, to ensure the

health, safety, and security of all Minnesotans. Clarifications will be available for public review at: http://mn.gov/deed/critical/

a. **Healthcare and public health**. This category is limited to:

   i. Healthcare and public health workers listed in the CISA Guidance.

   ii. Providers of, and workers supporting, reproductive health care, childbirth services, mental health care, and substance use treatment.

   iii. Workers supporting manufacturers, technicians, logistics and warehouse operators, and distributors of personal care, hygiene, and healthcare products.

   iv. Workers providing home care and human services workers from government or non-profit providers who are delivering food, prescriptions, case management services, mental health and substance abuse therapy, or who are otherwise caring for a client.

   v. Workers providing or supporting home-based care for adults, seniors, and children, including but not limited to people who are blind, deaf, deafblind, or hard of hearing and people with disabilities, including physical disabilities, developmental disabilities, intellectual disabilities, substance use disorders, or mental illness. This includes workers who must travel to a person's home to provide care or other in-home services including meal delivery and one-on-one interpreting services for people who are blind, deaf, deafblind, or hard of hearing. This includes personal care attendants, paid employees of government and non-profit providers, or volunteers representing government and non-profit providers.

   As applicable, such healthcare and public health workers are subject to the restrictions on elective surgeries and procedures as set forth in Executive Orders 20-09 and 20-17.

b. **Law enforcement, public safety, and first responders**. This category is limited to law enforcement and public safety workers and first responders listed in the CISA Guidance, including all corrections personnel, state and county probation officers, and supervision agents, in addition to victims' advocates, animal control officers, humane officers, and all workers who support electronic security and life-safety services.

c. **Food and agriculture**. This category is limited to food and agriculture workers listed in the CISA Guidance, including agricultural equipment repair services. For clarity, and for the purposes of this Executive Order, references to "beverages" include alcoholic beverages. The restrictions on restaurants, bars, and other places of public accommodation adopted in Executive Orders 20-04 and 20-18 remain in effect.

d. **Energy**. This category is limited to energy workers listed in the CISA Guidance.

e. **Water and wastewater**. This category is limited to water and wastewater workers listed in the CISA Guidance, including State Parks workers who maintain water and wastewater infrastructure, in addition to workers who perform work related to residential wells and septic tanks, and workers who supply bottled water or home filtration systems in areas where that is a health necessity.

f. **Transportation and logistics**. This category is limited to the transportation and logistics workers listed in the CISA Guidance, in addition to:

    i. State, county, and local government agencies and agency workers, as well as private sector workers, who support or enable transportation functions, including engineers, dispatchers, maintenance and repair technicians (including workers at maintenance and repair shops), warehouse workers, truck stop and rest area workers, and workers that maintain and inspect infrastructure (including those that require cross-border travel).

    ii. Workers engaged in roadway construction, maintenance, and utility projects.

    iii. Public transit workers.

    iv. Bicycle shops and distribution facilities.

    v. Automobile sales that are necessary to allow for essential travel, when conducted by appointment, and only when CDC and MDH guidelines, including social distancing, can be met.

g. **Public Works**. This category is limited to public works workers listed in the CISA Guidance, in addition to construction material suppliers and workers providing services necessary to maintain construction material sources.

h. **Communications and information technology**. This category is limited to communications and information technology workers listed in the CISA Guidance, in addition to all workers who support news services of all kinds, including newspapers, radio, television, and other forms of news media.

i. **Other community-based government operations and essential functions**. This category is limited to the other community-based and government essential functions listed in the CISA Guidance, in addition to workers who support the following functions and services:

    i. Election support services and election administration workers

ii. Housing, shelter, and homelessness-prevention staff of state and local agencies and organizations responsible for ensuring safe and stable housing, including workers from state and local agencies and organizations with responsibility for ensuring safe and stable housing; shelter outreach or drop-in center programs; financing affordable housing; and administering rent subsidies, homeless interventions, operating supports, and similar supports. This includes workers necessary to provide repairs, maintenance, and operations support to residential dwellings.

iii. Workers performing all other governmental functions which are necessary to ensure the health, safety, and welfare of the public, to preserve the essential elements of the financial system of government, and to continue priority services as determined by a political subdivision of the State. All political subdivisions of the State will determine the minimum personnel necessary to maintain these governmental operations.

iv. Workers supporting building code enforcement necessary to maintain public safety and health of essential infrastructure and any construction as required in response to the COVID-19 peacetime emergency including but not limited to construction of health care facilities and essential businesses and services, or construction as required for emergency repairs and safety purposes.

j. **Critical manufacturing**. This category is limited to critical manufacturing workers listed in the CISA Guidance. This category includes iron ore mining and processing operations and supplier/vendor industries essential to such mining and processing operations.

k. **Hazardous materials**. This category is limited to hazardous materials workers listed in the CISA Guidance.

l. **Financial services**. This category includes workers at banks, credit unions, insurance companies, insurance agencies, and other financial services workers identified in the CISA Guidance.

m. **Chemical**. This category is limited to chemical workers listed in the CISA Guidance.

n. **Defense industrial base**. This category is limited to defense industrial base workers listed in the CISA Guidance.

o. **Tribal Governments**. Tribal officers and workers deemed essential by the relevant Tribal government, regardless of residence.

p. **The Judicial Branch**. This category is limited to judicial officers and personnel deemed essential by the Chief Justice to ensure the continued operations of Minnesota's court system.

q. **The Executive Branch**. This category is limited to personnel deemed necessary to continue priority services of executive branch agencies, offices, departments, divisions, boards, bureaus, councils, committees, institutions, authorities, and commissions, as well as, the Minnesota State Colleges and Universities system, Minnesota State Retirement System, Public Employees Retirement Association, and Teacher's Retirement Association, as determined by the Commissioner of Management and Budget in consultation with those agencies and entities.

r. **Executive Constitutional Offices**. This category is limited to Constitutional Officers and personnel deemed essential by the applicable Constitutional Officer to ensure the continued operations of the Constitutional Office.

s. **The Legislative Branch**. This category is limited to personnel deemed essential by the presiding officers of each body.

t. **Federal Employees**. Nothing in this Executive Order will be construed to limit, prohibit, or restrict in any way the operations of the federal government, or the movement of federal officials in Minnesota while acting in their official capacity, including federal judicial, legislative, and executive staff and personnel.

u. **National Guard**. This category is limited to National Guard members that are on orders, to include state active duty, Title 32, or Title 10 orders and members in an Inactive Duty for Training status. At the discretion of the Adjutant General, this category also includes full-time staff of the Minnesota National Guard or Department of Military Affairs that are necessary for the execution of the National Guard's mission.

v. **Faith leaders and workers**. This category includes officials, workers, and leaders in houses of worship and other places of religious expression or fellowship, wherever their services may be needed. This category also includes workers necessary to plan, record, and distribute online or broadcast content to community members.

w. **Education**. Educators and other workers supporting public and private schools, as well as higher education (*e.g.*, colleges and universities). This category includes educators and other workers providing care to children as provided by Executive Order 20-19. Executive Order 20-02 remains in effect.

x. **Construction and critical trades**. This category includes workers in the skilled trades such as electricians, plumbers, HVAC and elevator technicians, and other related construction of all kind. This category also includes exterminators, cleaning and janitorial staff for commercial and governmental

properties, moving and relocation services, security staff, operating engineers, and all other service providers who provide services that are necessary to maintain the safety, sanitation, and essential operation of homes and residences and the Critical Sectors listed in this Executive Order.

y. **Child care providers**. This category includes workers in child care centers, family child care, schools, and other facilities. Such providers are encouraged to remain open to provide child care services for workers in the Critical Sectors listed in this Executive Order as possible and insofar as public health guidance can be followed. This category also applies to individuals providing child care for Critical Sector workers in a personal home, such as family, friend, and neighbor care required for Critical Sector workers to continue to perform their duties.

z. **Hotels, residential facilities and shelters**. This category includes workers supporting hotels and motels, facilities and shelters for adults, seniors, and children, including victims of domestic violence, people with developmental disabilities, intellectual disabilities, substance abuse disorders, or mental illness. Such facilities and shelters include halfway houses and residential treatment programs. This category also includes workers needed to keep apartment complex buildings and other congregate residences or homes operational and sanitary.

aa. **Shelters for displaced individuals**. This category is limited to workers supporting emergency shelters, drop-in centers, and encampments, as well as outreach workers. Governmental and other entities are strongly urged to make 24-hour shelter available as soon as possible, to the maximum extent practicable, and in compliance with CDC guidance.

bb. **Charitable and social services organizations**. This category is limited to workers supporting organizations that are engaged in hunger relief work, and those that provide food, shelter, prescription delivery, mental health and substance abuse treatments, and other social services, as well as other necessities of life for individuals in need of such services, older adults who live alone, people with disabilities, and those who need assistance as a result of this emergency.

cc. **Legal services**. This category is limited to workers who are necessary to provide essential legal services. Essential legal services include:

    i. Advice and representation needed to aid the delivery of all critical government services.

    ii. Advice and representation required to ensure the immediate and critical health, safety, and liberties of Minnesotans, including but not limited to, end-of-life planning, immigration, essential services to elders and persons with disabilities, child supports, child-protection

and domestic abuse matters, protection of personal financial resources necessary to meet basic needs, prosecution or defense in ongoing criminal matters, or all matters in which individuals are held in custody pending a legal proceeding, and proceedings held in the district or appellate courts during the effective period of this order.

iii. Advice and representation related to the continuation of the Critical Sectors identified in this Executive Order, including ensuring compliance with this Executive Order, previous Executive Orders, and all applicable laws, rules, and regulations applying to Critical Sectors.

iv. Supporting housing and shelter-related efforts, including loan applications, loan processing, seeking temporary relief from residential and commercial loan or lease provisions, retention of gas, electric, or water utility services, and seeking temporary relief from residential evictions or foreclosures, or other actions intended to keep people in their homes.

dd. **Notaries**. This category is limited to notaries performing services that cannot be deferred and which cannot be accomplished via remote services under Minnesota Statutes 2019, section 358.645.

ee. **Critical Labor Union Functions**. This category includes labor union essential activities, including the administration of health and welfare funds, and monitoring the wellbeing and safety of members providing services in the Critical Sectors.

ff. **Laundry services**. This category is limited to workers who support laundromats, dry cleaners, industrial laundry services, and laundry service providers for other Critical Sectors.

gg. **Animal shelters and veterinarians**. This category is limited to veterinarians and workers at animal care facilities or Department of Natural Resources workers who provide food, shelter, veterinary services, and other necessities of life for animals. Workers in this category are subject to the restrictions on elective surgeries and procedures as set forth in Executive Orders 20-09 and 20-17.

hh. **Real Estate Transactions.** This category is limited to workers who facilitate and finance real estate transactions and real estate services, including appraisers and title services.

ii. **Essential Supply Stores**. This category is limited to workers at businesses that sell products, tools, materials, or supplies necessary for: (1) the above Critical Sectors to continue their essential operations, (2) for workers to work from home, or (3) for the maintenance of the safety, sanitation, and essential operation of homes or residences.

7. Allowed activities and work performed in the above Critical Sectors should, to the maximum extent possible, be conducted in a manner that adheres to Minnesota Occupational Safety and Health Standards and the Minnesota Department of Health and CDC Guidelines related to COVID-19, including social distancing and hygiene.

8. Except as necessary to seek medical care and obtain other necessities of life, people at high risk of severe illness from COVID-19 (*e.g.*, elderly people and those with underlying health conditions) are strongly urged to stay in their home or residence, even when the terms of this Executive Order would allow them to do leave their home or residence.

9. I urge all Minnesotans to voluntarily comply with this Executive Order. Pursuant to Minnesota Statutes 2019, section 12.45, a person who willfully violates this Executive Order is guilty of a misdemeanor and upon conviction must be punished by a fine not to exceed $1,000 or by imprisonment for not more than 90 days. Nothing in this Executive Order is intended to encourage or allow law enforcement to transgress individual constitutional rights.

10. I direct the cabinet agencies to coordinate expeditiously in developing relevant guidance related to this Executive Order and to provide that guidance to the public.

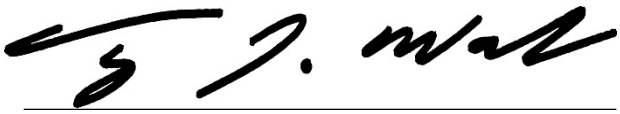
11. I direct all state agencies to continue to coordinate expeditiously in developing plans to mitigate the economic effects of closures and restrictions necessitated by this peacetime emergency, including potential financial support, regulatory relief, and other executive actions.

12. This Executive Order may be extended by a future Executive Order, with the approval of the Executive Council.

Pursuant to Minnesota Statutes 2019, section 4.035, subdivision 2, and section 12.32, this Executive Order is effective immediately upon approval by the Executive Council. It remains in effect until the peacetime emergency declared in Executive Order 20-01 is terminated or until it is rescinded by proper authority.

A determination that any provision of this Executive Order is invalid will not affect the enforceability of any other provision of this Executive Order. Rather, the invalid provision will be modified to the extent necessary so that it is enforceable.

Signed on March 25, 2020.



Tim Walz
Governor

Filed According to Law:

Steve Simon
Secretary of State

Approved by the Executive Council on March 25, 2020:

Alice Roberts-Davis
Secretary, Executive Council



Guidance on the Essential Critical Infrastructure Workforce: Ensuring Community and National Resilience in COVID-19 Response

Version 1.1 (March 23, 2020)

THE IMPORTANCE OF ESSENTIAL CRITICAL INFRASTRUCTURE WORKERS

Functioning critical infrastructure is imperative during the response to the COVID-19 emergency for both public health and safety as well as community well-being. Certain critical infrastructure industries have a special responsibility in these times to continue operations.

This guidance and accompanying list are intended to support State, Local, and industry partners in identifying the critical infrastructure sectors and the essential workers needed to maintain the services and functions Americans depend on daily and that need to be able to operate resiliently during the COVID-19 pandemic response.

This document gives guidance to State, local, tribal, and territorial jurisdictions and the private sector on defining essential critical infrastructure workers. Promoting the ability of such workers to continue to work during periods of community restriction, access management, social distancing, or closure orders/directives is crucial to community resilience and continuity of essential functions.

CONSIDERATIONS FOR GOVERNMENT AND BUSINESS

This list was developed in consultation with federal agency partners, industry experts, and State and local officials, and is based on several key principles:

1. Response efforts to the COVID-19 pandemic are locally executed, State managed, and federally supported
2. Everyone should follow guidance from the CDC, as well as State and local government officials, regarding strategies to limit disease spread.
3. Workers should be encouraged to work remotely when possible and focus on core business activities. In-person, non-mandatory activities should be delayed until the resumption of normal operations.
4. When continuous remote work is not possible, businesses should enlist strategies to reduce the likelihood of spreading the disease. This includes, but is not necessarily limited to, separating staff by off-setting shift hours or days and/or social distancing. These steps can preserve the workforce and allow operations to continue.

5. All organizations should implement their business continuity and pandemic plans, or put plans in place if they do not exist. Delaying implementation is not advised and puts at risk the viability of the business and the health and safety of the employees.

6. In the modern economy, reliance on technology and just-in-time supply chains means that certain workers must be able to access certain sites, facilities, and assets to ensure continuity of functions.

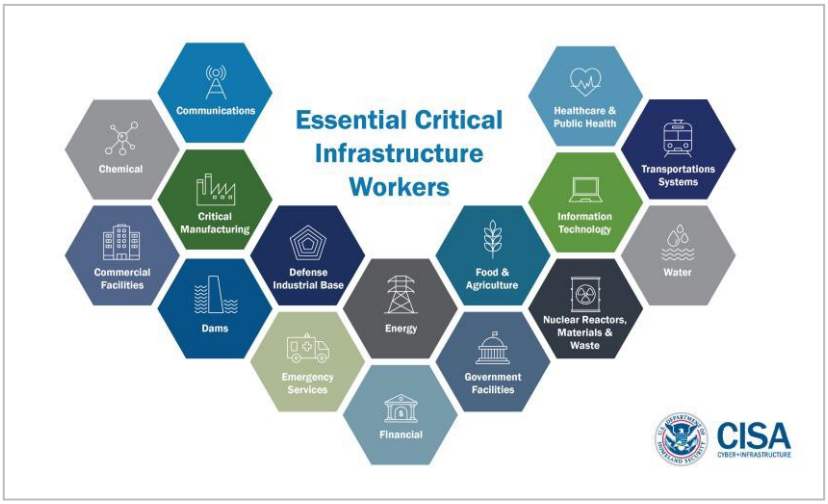
7. Government employees, such as emergency managers, and the business community need to establish and maintain lines of communication.

8. When government and businesses engage in discussions about critical infrastructure workers, they need to consider the implications of business operations beyond the jurisdiction where the asset or facility is located. Businesses can have sizeable economic and societal impacts as well as supply chain dependencies that are geographically distributed.

9. Whenever possible, jurisdictions should align access and movement control policies related to critical infrastructure workers to lower the burden of workers crossing jurisdictional boundaries.

IDENTIFYING ESSENTIAL CRITICAL INFRASTRUCTURE WORKERS

The following list of sectors and identified essential critical infrastructure workers are an initial recommended set and are intended to be overly inclusive reflecting the diversity of industries across the United States. CISA will continually solicit and accept feedback on the list (both sectors/sub sectors and identified essential workers) and will evolve the list in response to stakeholder feedback. We will also use our various stakeholder engagement mechanisms to work with partners on how they are using this list and share those lessons learned and best practices broadly. We ask that you share your feedback, both positive and negative on this list so we can provide the most useful guidance to our critical infrastructure partners. Feedback can be sent to CISA.CAT@CISA.DHS.GOV.



HEALTHCARE / PUBLIC HEALTH

- Workers providing COVID-19 testing; Workers that perform critical clinical research needed for COVID-19 response
- Caregivers (e.g., physicians, dentists, psychologists, mid-level practitioners, nurses and assistants, infection control and quality assurance personnel, pharmacists, physical and occupational therapists and assistants, social workers, speech pathologists and diagnostic and therapeutic technicians and technologists)
- Hospital and laboratory personnel (including accounting, administrative, admitting and discharge, engineering, epidemiological, source plasma and blood donation, food service, housekeeping, medical records, information technology and operational technology, nutritionists, sanitarians, respiratory therapists, etc.)
- Workers in other medical facilities (including Ambulatory Health and Surgical, Blood Banks, Clinics, Community Mental Health, Comprehensive Outpatient rehabilitation, End Stage Renal Disease, Health Departments, Home Health care, Hospices, Hospitals, Long Term Care, Organ Pharmacies, Procurement Organizations, Psychiatric Residential, Rural Health Clinics and Federally Qualified Health Centers)
- Manufacturers, technicians, logistics and warehouse operators, and distributors of medical equipment, personal protective equipment (PPE), medical gases, pharmaceuticals (including materials used in radioactive drugs), blood and blood products, vaccines, testing materials, laboratory supplies, cleaning, sanitizing, disinfecting or sterilization supplies, and tissue and paper towel products
- Public health / community health workers, including those who compile, model, analyze and communicate public health information
- Blood and plasma donors and the employees of the organizations that operate and manage related activities
- Workers that manage health plans, billing, and health information, who cannot practically work remotely
- Workers who conduct community-based public health functions, conducting epidemiologic surveillance, compiling, analyzing and communicating public health information, who cannot practically work remotely
- Workers performing cybersecurity functions at healthcare and public health facilities, who cannot practically work remotely
- Workers conducting research critical to COVID-19 response
- Workers performing security, incident management, and emergency operations functions at or on behalf of healthcare entities including healthcare coalitions, who cannot practically work remotely
- Workers who support food, shelter, and social services, and other necessities of life for economically disadvantaged or otherwise needy individuals, such as those residing in shelters
- Pharmacy employees necessary for filling prescriptions
- Workers performing mortuary services, including funeral homes, crematoriums, and cemetery workers
- Workers who coordinate with other organizations to ensure the proper recovery, handling, identification, transportation, tracking, storage, and disposal of human remains and personal effects; certify cause of death; and facilitate access to mental/behavioral health services to the family members, responders, and survivors of an incident

LAW ENFORCEMENT, PUBLIC SAFETY, FIRST RESPONDERS

- Personnel in emergency management, law enforcement, Emergency Management Systems, fire, air medical, and corrections, including front line and management
- Emergency Medical Service Technicians
- 911 call center employees
- Fusion Center employees
- Hazardous material responders from government and the private sector.
- Workers – including contracted vendors -- who maintain, manufacture, or supply digital systems infrastructure supporting law enforcement emergency service, and response operations.

FOOD AND AGRICULTURE

- Workers supporting groceries, pharmacies, convenience stores, and other retail that sells human food, animal/pet food, and beverage products
- Restaurant carry-out and quick serve food operations - Carry-out and delivery food employees
- Food manufacturer employees and their supplier employees—to include those employed in food processing (packers, meat processing, cheese plants, milk plants, produce, etc.) facilities; livestock, poultry, seafood slaughter facilities; pet and animal feed processing facilities; human food facilities producing by-products for animal food; beverage production facilities; and the production of food packaging
- Farm workers to include those employed in animal food, feed, and ingredient production, packaging, and distribution; manufacturing, packaging, and distribution of veterinary drugs; truck delivery and transport; farm and fishery labor needed to produce our food supply domestically
- Farm workers and support service workers to include those who field crops; commodity inspection; fuel ethanol facilities; storage facilities; and other agricultural inputs
- Employees and firms supporting food, feed, and beverage distribution, including warehouse workers, vendor-managed inventory controllers and blockchain managers
- Workers supporting the sanitation of all food manufacturing processes and operations from wholesale to retail
- Company cafeterias - in-plant cafeterias used to feed employees
- Workers in food testing labs in private industries and in institutions of higher education
- Workers essential for assistance programs and government payments
- Employees of companies engaged in the production, storage, transport, and distribution of chemicals, medicines, vaccines, and other substances used by the food and agriculture industry, including pesticides, herbicides, fertilizers, minerals, enrichments, and other agricultural production aids
- Animal agriculture workers to include those employed in veterinary health; manufacturing and distribution of animal medical materials, animal vaccines, animal drugs, feed ingredients, feed, and bedding, etc.; transportation of live animals, animal medical materials; transportation of deceased animals for disposal; raising of animals for food; animal production operations; slaughter and packing plants, renderers, and associated regulatory and government workforce
- Workers who support the manufacture and distribution of forest products, including, but not limited to timber, paper, and other wood products
- Employees engaged in the manufacture and maintenance of equipment and other infrastructure necessary to agricultural production and distribution

ENERGY

Electricity industry:

- Workers who maintain, ensure, or restore, or are involved in the development, transportation, fuel procurement, expansion, or operation of the generation, transmission, and distribution of electric power, including call centers, utility workers, reliability engineers and fleet maintenance technicians
- Workers needed for safe and secure operations at nuclear generation
- Workers at generation, transmission, and electric blackstart facilities
- Workers at Reliability Coordinator (RC), Balancing Authorities (BA), and primary and backup Control Centers (CC), including but not limited to independent system operators, regional transmission organizations, and balancing authorities
- Mutual assistance personnel
- IT and OT technology staff – for EMS (Energy Management Systems) and Supervisory Control and Data Acquisition (SCADA) systems, and utility data centers; Cybersecurity engineers; cybersecurity risk management
- Vegetation management crews and traffic workers who support
- Environmental remediation/monitoring technicians
- Instrumentation, protection, and control technicians

Petroleum workers:

- Petroleum product storage, pipeline, marine transport, terminals, rail transport, road transport
- Crude oil storage facilities, pipeline, and marine transport
- Petroleum refinery facilities
- Petroleum security operations center employees and workers who support emergency response services
- Petroleum operations control rooms/centers
- Petroleum drilling, extraction, production, processing, refining, terminal operations, transporting, and retail for use as end-use fuels or feedstocks for chemical manufacturing
- Onshore and offshore operations for maintenance and emergency response
- Retail fuel centers such as gas stations and truck stops, and the distribution systems that support them

Natural and propane gas workers:

- Natural gas transmission and distribution pipelines, including compressor stations
- Underground storage of natural gas
- Natural gas processing plants, and those that deal with natural gas liquids
- Liquefied Natural Gas (LNG) facilities
- Natural gas security operations center, natural gas operations dispatch and control rooms/centers natural gas emergency response and customer emergencies, including natural gas leak calls
- Drilling, production, processing, refining, and transporting natural gas for use as end-use fuels, feedstocks for chemical manufacturing, or use in electricity generation
- Propane gas dispatch and control rooms and emergency response and customer emergencies, including propane leak calls
- Propane gas service maintenance and restoration, including call centers

- Processing, refining, and transporting natural liquids, including propane gas, for use as end-use fuels or feedstocks for chemical manufacturing
- Propane gas storage, transmission, and distribution centers

WATER AND WASTEWATER

Employees needed to operate and maintain drinking water and wastewater/drainage infrastructure, including:

- Operational staff at water authorities
- Operational staff at community water systems
- Operational staff at wastewater treatment facilities
- Workers repairing water and wastewater conveyances and performing required sampling or monitoring
- Operational staff for water distribution and testing
- Operational staff at wastewater collection facilities
- Operational staff and technical support for SCADA Control systems
- Chemical suppliers for wastewater and personnel protection
- Workers that maintain digital systems infrastructure supporting water and wastewater operations

TRANSPORTATION AND LOGISTICS

- Employees supporting or enabling transportation functions, including truck drivers, bus drivers, dispatchers, maintenance and repair technicians, warehouse workers, truck stop and rest area workers, and workers that maintain and inspect infrastructure (including those that require cross-jurisdiction travel)
- Employees of firms providing services that enable logistics operations, including cooling, storing, packaging, and distributing products for wholesale or retail sale or use.
- Mass transit workers
- Workers responsible for operating dispatching passenger, commuter and freight trains and maintaining rail infrastructure and equipment
- Maritime transportation workers - port workers, mariners, equipment operators
- Truck drivers who haul hazardous and waste materials to support critical infrastructure, capabilities, functions, and services
- Automotive repair and maintenance facilities
- Manufacturers and distributors (to include service centers and related operations) of packaging materials, pallets, crates, containers, and other supplies needed to support manufacturing, packaging staging and distribution operations
- Postal and shipping workers, to include private companies
- Employees who repair and maintain vehicles, aircraft, rail equipment, marine vessels, and the equipment and infrastructure that enables operations that encompass movement of cargo and passengers
- Air transportation employees, including air traffic controllers and maintenance personnel, ramp workers, aviation and aerospace safety, security, and operations personnel and accident investigations
- Workers who support the maintenance and operation of cargo by air transportation, including flight crews, maintenance, airport operations, and other on- and off- airport facilities workers

PUBLIC WORKS

- Workers who support the operation, inspection, and maintenance of essential dams, locks and levees
- Workers who support the operation, inspection, and maintenance of essential public works facilities and operations, including bridges, water and sewer main breaks, fleet maintenance personnel, construction of critical or strategic infrastructure, traffic signal maintenance, emergency location services for buried utilities, maintenance of digital systems infrastructure supporting public works operations, and other emergent issues
- Workers such as plumbers, electricians, exterminators, and other service providers who provide services that are necessary to maintaining the safety, sanitation, and essential operation of residences
- Support, such as road and line clearing, to ensure the availability of needed facilities, transportation, energy and communications
- Support to ensure the effective removal, storage, and disposal of residential and commercial solid waste and hazardous waste

COMMUNICATIONS AND INFORMATION TECHNOLOGY

Communications:

- Maintenance of communications infrastructure- including privately owned and maintained communication systems- supported by technicians, operators, call-centers, wireline and wireless providers, cable service providers, satellite operations, undersea cable landing stations (including cable marine depots and submarine cable ship operators), Internet Exchange Points, and manufacturers and distributors of communications equipment
- Workers who support radio, television, and media service, including, but not limited to front line news reporters, studio, and technicians for newsgathering and reporting
- Workers at Independent System Operators and Regional Transmission Organizations, and Network Operations staff, engineers and/or technicians to manage the network or operate facilities
- Engineers, technicians and associated personnel responsible for infrastructure construction and restoration, including contractors for construction and engineering of fiber optic cables
- Installation, maintenance and repair technicians that establish, support or repair service as needed
- Central office personnel to maintain and operate central office, data centers, and other network office facilities
- Customer service and support staff, including managed and professional services as well as remote providers of support to transitioning employees to set up and maintain home offices, who interface with customers to manage or support service environments and security issues, including payroll, billing, fraud, and troubleshooting
- Dispatchers involved with service repair and restoration

Information Technology:

- Workers who support command centers, including, but not limited to Network Operations Command Center, Broadcast Operations Control Center and Security Operations Command Center
- Data center operators, including system administrators, HVAC & electrical engineers, security personnel, IT managers, data transfer solutions engineers, software and hardware engineers, and database administrators
- Client service centers, field engineers, and other technicians supporting critical infrastructure, as well as

manufacturers and supply chain vendors that provide hardware and software, and information technology equipment (to include microelectronics and semiconductors) for critical infrastructure
- Workers responding to cyber incidents involving critical infrastructure, including medical facilities, SLTT governments and federal facilities, energy and utilities, and banks and financial institutions, and other critical infrastructure categories and personnel
- Workers supporting the provision of essential global, national and local infrastructure for computing services (incl. cloud computing services), business infrastructure, web-based services, and critical manufacturing
- Workers supporting communications systems and information technology used by law enforcement, public safety, medical, energy and other critical industries
- Support required for continuity of services, including janitorial/cleaning personnel

OTHER COMMUNITY-BASED GOVERNMENT OPERATIONS AND ESSENTIAL FUNCTIONS

- Workers to ensure continuity of building functions
- Security staff to maintain building access control and physical security measures
- Elections personnel
- Federal, State, and Local, Tribal, and Territorial employees who support Mission Essential Functions and communications networks
- Trade Officials (FTA negotiators; international data flow administrators)
- Weather forecasters
- Workers that maintain digital systems infrastructure supporting other critical government operations
- Workers at operations centers necessary to maintain other essential functions
- Workers who support necessary credentialing, vetting and licensing operations for transportation workers
- Customs workers who are critical to facilitating trade in support of the national emergency response supply chain
- Educators supporting public and private K-12 schools, colleges, and universities for purposes of facilitating distance learning or performing other essential functions, if operating under rules for social distancing
- Hotel Workers where hotels are used for COVID-19 mitigation and containment measures

CRITICAL MANUFACTURING

- Workers necessary for the manufacturing of materials and products needed for medical supply chains, and for supply chains associated with transportation, energy, communications, food and agriculture, chemical manufacturing, nuclear facilities, the operation of dams, water and wastewater treatment, emergency services, and the defense industrial base. Additionally, workers needed to maintain the continuity of these manufacturing functions and associated supply chains.

HAZARDOUS MATERIALS

- Workers at nuclear facilities, workers managing medical waste, workers managing waste from pharmaceuticals and medical material production, and workers at laboratories processing test kits
- Workers who support hazardous materials response and cleanup
- Workers who maintain digital systems infrastructure supporting hazardous materials management operations

FINANCIAL SERVICES

- Workers who are needed to process and maintain systems for processing financial transactions and services (e.g., payment, clearing, and settlement; wholesale funding; insurance services; and capital markets activities)
- Workers who are needed to provide consumer access to banking and lending services, including ATMs, and to move currency and payments (e.g., armored cash carriers)
- Workers who support financial operations, such as those staffing data and security operations centers

CHEMICAL

- Workers supporting the chemical and industrial gas supply chains, including workers at chemical manufacturing plants, workers in laboratories, workers at distribution facilities, workers who transport basic raw chemical materials to the producers of industrial and consumer goods, including hand sanitizers, food and food additives, pharmaceuticals, textiles, and paper products.
- Workers supporting the safe transportation of chemicals, including those supporting tank truck cleaning facilities and workers who manufacture packaging items
- Workers supporting the production of protective cleaning and medical solutions, personal protective equipment, and packaging that prevents the contamination of food, water, medicine, among others essential products
- Workers supporting the operation and maintenance of facilities (particularly those with high risk chemicals and/or sites that cannot be shut down) whose work cannot be done remotely and requires the presence of highly trained personnel to ensure safe operations, including plant contract workers who provide inspections
- Workers who support the production and transportation of chlorine and alkali manufacturing, single-use plastics, and packaging that prevents the contamination or supports the continued manufacture of food, water, medicine, and other essential products, including glass container manufacturing

DEFENSE INDUSTRIAL BASE

- Workers who support the essential services required to meet national security commitments to the federal government and U.S. Military. These individuals, include but are not limited to, aerospace; mechanical and software engineers, manufacturing/production workers; IT support; security staff; security personnel; intelligence support, aircraft and weapon system mechanics and maintainers
- Personnel working for companies, and their subcontractors, who perform under contract to the Department of Defense providing materials and services to the Department of Defense, and government-owned/contractor-operated and government-owned/government-operated facilities

STATE OF MINNESOTA
Executive Department

Governor Tim Walz

Emergency Executive Order 20-15

Providing Immediate Relief to Small Businesses During the COVID-19 Peacetime Emergency

I, Tim Walz, Governor of the State of Minnesota, by the authority vested in me by the Constitution and applicable statutes, issue the following Executive Order:

The COVID-19 pandemic presents an unprecedented challenge to our State. Minnesota has taken proactive steps to ensure that we are ahead of the curve on COVID-19 prevention and response. On March 13, 2020, I issued Executive Order 20-01 and declared a peacetime emergency because this pandemic, an act of nature, threatens the lives of Minnesotans, and local resources are inadequate to address the threat. In Executive Order 20-01, I directed all state agencies to submit proposed orders and rules to protect and preserve public health and safety.

In Minnesota Statutes 2019, section 12.02, the Minnesota Legislature conferred upon the Governor emergency powers "in order to (1) ensure that preparations of this state will be adequate to deal with disasters, (2) generally protect the public peace, health, and safety, and (3) preserve the lives and property of the people of the state." Pursuant to Minnesota Statutes 2019, section 12.21, subdivision 1, the Governor has general authority to control the state's emergency management as well as carry out the provisions of Minnesota's Emergency Management Act. Pursuant to subdivision 3 of that same section, the Governor may "make, amend, and rescind the necessary orders and rules to carry out the provisions" of Minnesota Statutes 2019, Chapter 12. When approved by the Executive Council and filed in the Office of the Secretary of State, such orders and rules have the force and effect of law during the pendency of a peacetime emergency. Any inconsistent rules or ordinances of any agency or political subdivision of the state are suspended during the pendency of the emergency.

Small businesses are vital economic engines in Minnesota. But certain public accommodations, especially small businesses, where Minnesotans congregate pose a threat to the public health by providing environments for the spread of COVID-19. On March 15, 2020, Minnesota detected the first confirmed cases caused by "community spread"—infections not epidemiologically linked to overseas travel. This development required Minnesota to take additional proactive measures. As such, thousands of small businesses were closed directly or indirectly by Executive Orders 20-04 and 20-08, which were issued as proactive measures to slow the spread of the

COVID-19 pandemic. Small businesses rely on their business for personal income. Loans for small businesses, especially during an emergency, provide access to basic necessities, safeguard the health of their owners, their families, and other Minnesotans, and provide vital economic support to help overcome temporary revenue losses. Currently, resources are available for such a program, but law and regulations prevent the Department of Employment and Economic Development ("DEED") from providing immediate relief to small businesses during the COVID-19 pandemic.

For these reasons, I order as follows:

1. Effective immediately, I direct DEED to develop a forgivable loan program to award grants to nonprofit corporations to fund forgivable loans to small businesses (the "Small Business Emergency Loan Program"), regardless of such business's organizational form (*i.e.*, independent contractor, sole proprietorship, limited liability company, etc.).

2. Under the Small Business Emergency Loan Program, nonprofit corporation lenders participating in the loan program under Minnesota Statutes 2019, Chapter 116M will be allowed to make zero percent interest loans during the period of emergency.

3. Any business will be able to receive a loan through the Small Business Emergency Loan Program at the discretion of the DEED Commissioner. The business must demonstrate to the lender that it was directly and adversely affected by the COVID-19 peacetime emergency Executive Orders 20-04 and 20-08. Under the Small Business Emergency Loan Program, small businesses are required to have claimed all applicable private insurance and utilized all other sources of applicable assistance available from other private and public sources.

    a. The minimum loan is $2,500 and the maximum is $35,000.

    b. No matching contribution is required.

    c. A nonprofit corporation that receives funds under the Small Business Emergency Loan Program may not use such funds to provide a loan to a related business.

    d. The loan must not be used to refinance debt that existed at the time of the COVID-19 peacetime emergency declaration.

    e. If additional financing is received from other sources, the Small Business Emergency Loan Program funds will be repaid to DEED in an expeditious manner.

    f. Loan applications received during the COVID-19 peacetime emergency declaration will be eligible to be approved under these conditions.

4. On the placing of a loan under the Small Business Emergency Loan Program, money equal to ten percent of the loan must be paid to the lender for the purpose of financing administrative costs.

5. Up to 50 percent of a loan may be forgiven if the DEED Commissioner approves and the business remains operating in the community at substantially the same levels for two years following loan disbursement.

6. The DEED Commissioner is further authorized to accept applications from additional nonprofit corporation lenders to administer loans in the Small Business Emergency Loan Program.

7. The DEED Commissioner is also authorized to make loans to eligible businesses under the Small Business Emergency Loan Program if demand exceeds capacity of approved lenders.

8. Lenders participating in the Small Business Emergency Loan Program must provide quarterly reports of small business emergency loans to the DEED Commissioner that includes a description of businesses supported by the program, an accounting of the loans made during the quarter, the source and amount of money collected and distributed by the program, the program's assets and liabilities, and an explanation of administrative expenses.

9. Notwithstanding Minnesota Statutes 2019, sections 116J.423 and 116J.8731, to ensure that adequate funds are available to make loans, I direct the DEED Commissioner to transfer up to a total of $30 million from the special accounts of the 21st Century Fund and Minnesota Investment Fund to meet business demand under the Small Business Emergency Loan Program.

10. Effective immediately, in an effort to make more resources available to businesses impacted by the COVID-19 peacetime emergency, any local unit of government or lending partner that has revolving loan funds that were provided by the State Minnesota Investment Fund program appropriations or Minnesota Investment Fund Disaster program appropriations, may over the next 90 days issue loans to retail and service providers.

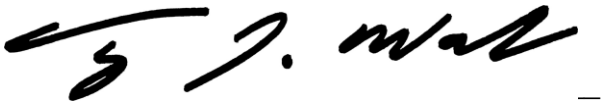
11. Because strict compliance with Minnesota Statutes 2019, Chapters 16A, 16C, and associated rules and policies will limit DEED's ability to move swiftly in deploying resources, DEED is hereby permitted to avoid strict compliance with Minnesota Statutes 2019, Chapters 16A and 16C.

12. Because strict compliance with Minnesota Statutes 2019, sections 116J.423 and 116J.8731, will prevent, hinder, or delay necessary action under this Executive Order, those provisions, and any other provisions in Minnesota Statutes or Rules that are inconsistent with this Executive Order, are waived and suspended during the peacetime emergency declared in Executive Order 20-01.

Pursuant to Minnesota Statutes 2019, section 4.035, subdivision 2, and section 12.32, this Executive Order is effective immediately upon approval by the Executive Council. It remains in effect until the peacetime emergency declared in Executive Order 20-01 is terminated or until it is rescinded by proper authority.

A determination that any provision of this Executive Order is invalid will not affect the enforceability of any other provision of this Executive Order. Rather, the invalid provision will be modified to the extent necessary so that it is enforceable.

Signed on March 23, 2020.



Tim Walz
Governor

Filed According to Law:



Steve Simon
Secretary of State

Approved by the Executive Council on March 23, 2020:



Alice Roberts-Davis
Secretary, Executive Council

Filed March 23, 2020
Office of the Minnesota
Secretary of State,
Steve Simon

STATE OF MINNESOTA
Executive Department

Governor Tim Walz

Emergency Executive Order 20-04

Providing for Temporary Closure of Bars, Restaurants, and Other Places of Public Accommodation

I, Tim Walz, Governor of the State of Minnesota, by the authority vested in me by the Constitution and applicable statutes, issue the following Executive Order:

The COVID-19 pandemic presents an unprecedented challenge to our State. Minnesota has taken proactive steps to ensure that we are ahead of the curve on COVID-19 prevention and response. On March 13, 2020, I issued Executive Order 20-01 and declared a peacetime emergency because this pandemic, an act of nature, threatens the lives of Minnesotans, and local resources are inadequate to address the threat.

Confirmed cases of COVID-19 in Minnesota are rapidly increasing. On March 15, 2020, Minnesota detected the first confirmed cases caused by "community spread"—infections not epidemiologically linked to overseas travel. This development requires Minnesota to take additional proactive measures, including enhanced community mitigation, to slow the spread of this pandemic. Slowing the spread of COVID-19 is critical to ensuring that our healthcare facilities remain able to accommodate those who require intensive medical intervention.

In this time of uncertainty and peacetime emergency, Minnesotans must continue to maintain their essential activities. I encourage supermarkets, pharmacies, and other establishments providing essential retail goods and services to remain open, subject to best practices, including social distancing, established by the Centers for Disease Control and Prevention and the Minnesota Department of Health. That said, certain other public accommodations in which Minnesotans congregate pose a threat to the public health by providing environments for the spread of COVID-19.

Pursuant to Minnesota Statutes 2019, section 12.21, subdivision 3(1), the Governor may "make, amend, and rescind the necessary orders and rules to carry out the provisions" of Minnesota Statutes, Chapter 12. When approved by the Executive Council and filed in the Office of the Secretary of State, such orders and rules have the force and effect of law during the peacetime emergency. Any inconsistent rules or ordinances of any agency or political subdivision of the state are suspended during the pendency of the emergency. Any person who willfully violates

such an order or rule is guilty of a misdemeanor and upon conviction must be punished by a fine not to exceed $1,000 or by imprisonment for not more than 90 days.

For these reasons, I order as follows:

1. Beginning no later than March 17, 2020 at 5:00 pm, and continuing until March 27, 2020 at 5:00 pm, the following places of public accommodation are closed to ingress, egress, use, and occupancy by members of the public:

    a. Restaurants, food courts, cafes, coffeehouses, and other places of public accommodation offering food or beverage for on-premises consumption, excluding institutional or in-house food cafeterias that serve residents, employees, and clients of businesses, child care facilities, hospitals, and long-term care facilities.

    b. Bars, taverns, brew pubs, breweries, microbreweries, distilleries, wineries, tasting rooms, clubs, and other places of public accommodation offering alcoholic beverages for on-premises consumption.

    c. Hookah bars, cigar bars, and vaping lounges offering their products for on-premises consumption.

    d. Theaters, cinemas, indoor and outdoor performance venues, and museums.

    e. Gymnasiums, fitness centers, recreation centers, indoor sports facilities, indoor exercise facilities, exercise studios, and spas.

    f. Amusement parks, arcades, bingo halls, bowling alleys, indoor climbing facilities, skating rinks, trampoline parks, and other similar recreational or entertainment facilities.

    g. Country clubs, golf clubs, boating or yacht clubs, sports or athletic clubs, and dining clubs.

2. Places of public accommodation subject to this Executive Order are encouraged to offer food and beverage using delivery service, window service, walk-up service, drive-through service, or drive-up service, and to use precautions in doing so to mitigate the potential transmission of COVID-19, including social distancing. In offering food or beverage, a place of public accommodation subject to this section may permit up to five members of the public at one time in the place of public accommodation for the purpose of picking up their food or beverage orders, so long as those individuals are at least six feet apart from one another while on premises.

3. This Executive Order does not prohibit an employee, contractor, vendor, or supplier of a place of public accommodation from entering, exiting, using, or occupying that place of public accommodation in their professional capacity.

4. The restrictions imposed by this Executive Order do not apply to any of the following:

    a. Places of public accommodation that offer food and beverage not for on-premises consumption, including grocery stores, markets, convenience stores, pharmacies, drug stores, and food pantries, other than those portions of the place of public accommodation subject to the requirements of section 1;

    b. Health care facilities, child care facilities, residential care facilities, congregate care facilities, and juvenile justice facilities;

    c. Crisis shelters, soup kitchens, or similar institutions; and

    d. Restaurants and food courts inside the secured zones of airports.

5. For purposes of this Executive Order, "place of public accommodation" means a business, or an educational, refreshment, entertainment, or recreation facility, or an institution of any kind, whether licensed or not, whose goods, services, facilities, privileges, advantages, or accommodations are extended, offered, sold, or otherwise made available to the public.

6. This Executive Order does not alter any of the obligations under law of an employer affected by this Executive Order to its employees or to the employees of another employer.

7. Pursuant to Minnesota Statutes 2019, section 12.45, a person who willfully violates paragraphs 1 of this Executive Order is guilty of a misdemeanor and upon conviction must be punished by a fine not to exceed $1,000, or by imprisonment for not more than 90 days.

8. Local law enforcement and public health authorities are directed to monitor and enforce this Executive Order in accordance with the law.

9. The prohibitions set forth in paragraph 1 may be extended by a future Executive Order and with approval of the Executive Council.

Pursuant to Minnesota Statutes 2019, section 4.035, subdivision 2, and section 12.32, this Executive Order is effective immediately upon approval by the Executive Council. It remains in effect until the peacetime emergency declared in Executive Order 20-01 is terminated or until it is rescinded by proper authority.

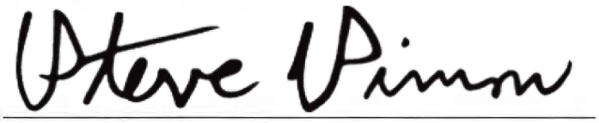
A determination that any provision of this Executive Order is invalid will not affect the enforceability of any other provision of this Executive Order. Rather, the invalid provision will be modified to the extent necessary so that it is enforceable.

Signed on March 16, 2020.



Tim Walz
Governor

Filed According to Law:



Steve Simon
Secretary of State

Approved by the Executive Council on March 16, 2020:



Alice Roberts-Davis
Secretary, Executive Council

Filed on March 16, 2020
Office of the Minnesota
Secretary of State,
Steve Simon

Ramsey Local Restaurant List

Offering alternative service options. Online ordering & payment is highly encouraged where available.

Name	Address	Phone #	Take-out	Drive-thru or Curbside	Delivery	Website
$5 Pizza Ramsey	13939 St Francis Blvd NW Suite 100	763-422-4555	✓	✓	✓	http://5dollarpizza.com/
Acapulco Restaurant	7988 Sunwood Drive	763-269-8195	✓		✓	http://www.acapulcomn.com/
Aurelio's Pizza	6415 Highway 10 NW Suite 120	763-323-1049	✓		✓	https://www.aureliospizza.com/location/ramsey-minnesota/
Burger King	7205 Highway 10 NW	763-433-0546		✓	✓	https://www.bk.com/ or http://www.3cityfoods.com/
Caribou Coffee Co., Inc.	7988 Sunwood Dr NW Suite 500	763-427-7420	✓	✓		https://www.cariboucoffee.com/
Caribou Coffee Co., Inc.	14050 St Francis Blvd NW Suite A	763-427-8381	✓	✓		https://www.cariboucoffee.com/
China Dragon	7962 Sunwood Dr NW Suite 800	763-323-9883	✓		✓	https://www.chinadragonramseymn.com
Domino's Pizza	6014 167th Ave NW	763-753-3200	✓		✓	https://www.dominos.com
Ginger Café	14017 St Francis Blvd NW	763-323-8333	✓	✓	✓	https://www.facebook.com/Ginger-Cafe
Jimmy Johns	14050 St Francis Blvd NW Ste H	763-323-7829		✓	✓	https://www.jimmyjohns.com/
JR's Outpost Bar and Grill	6141 Highway 10 NW	763-427-3381		*Temporarily Closed*		http://www.jrsoutpost.com
Kitchen Table	7533 Sunwood Dr NW	763-999-4635		*Temporarily Closed*		https://www.kitchentablemn.com
McDuff's Bar & Grill	16659 St Francis Blvd	763-753-2291		*Temporarily Closed*		http://mcduffsrestaurant.com/
Papa Murphy's	14050 St Francis Blvd NW Ste B2	763-323-7272	✓			https://www.papamurphys.com
Riversbend Bar & Grill	14077 St Francis Blvd NW	763-323-3296		*Temporarily Closed*		https://www.facebook.com/riversbendbargrill/
Subway	14001 St Francis Blvd NW	763-427-3035	✓		✓	https://www.subway.com
Subway #37481	7876 Sunwood Dr NW #400	763-421-3082	✓			https://www.subway.com
Willy McCoy's	6415 Highway 10 NW	763-717-8916		*Temporarily Closed*		http://willymccoys.com/

Delivery options may be available through third-party such as Door Dash, Uber Eats, or GrubHub.

The City of Ramsey apologizes if any local restaurant was missed inadvertently. If restaurants want to be added to this list, please email econdev@cityoframsey.com

2020 Business License Requirements

2020 Updated ordinance in process

Business Licenses	2020 Fee	Expires	Renewal	Background Check	Notarized App?	Background Check Fee	Prop Owner Permission	City Council Approval	Public Hearing	Documents Required: Cert of worker's comp ins	Documents Required: Cert of liability ins	Documents Required: Cert of vehicle ins	*Can Be Prorated?*	Total Fee w/bkgd ck (in-state)
Amusement Center (Carnival Circus) License	$ 250.00	14 Days		X		$ 35.00		X		X			*No*	**$ 285.00**
Garbage and Refuse Hauler's License	$ 50.00	Dec 31	X					X		X	X	X	*No*	**$ 50.00**
Massage Therapist License	$ 50.00	Dec 31	X	*Annual*	*1st Time*	$ 35.00		X					*No*	**$ 85.00**
Massage Therapy Business New License[1]	$ 100.00	Dec 31	X	*Annual*	*1st Time*	$ 50.00		X		X	X		*No*	**$ 150.00**
Pawnbroker License	$ 4,000.00	Dec 31	X	*Annual*	*1st Time*	$ 500.00		X		X	X		*Yes*	**$4,500.00**
Peddler, Solicitor (door to door)	$ 100.00	Dec 31		*Annual*		$ 35.00		X		X			*No*	**$ 135.00**
Second Hand Goods Dealer License	$ 2,000.00	Dec 31		*Annual*	*1st Time*	$ 500.00		X		X	X		*No*	**$2,500.00**
Special Events[2] (Music Festival)	$ 50.00	Valid date of event				0	Yes	X			X		*No*	**$ 50.00**
Temporary Intoxicating (uses state form)	$ -	Valid date of event						X			X			-
Tobacco Sales License[3]	$150-250	Dec 31	X	*Annual*		$ 35.00		X		X			*Yes*	**$150-250**
Transient Merchant License (parks in single place)	$ 100.00	60 days		*Annual*		$ 35.00	Yes	X					*No*	**$ 135.00**

Liquor Licenses

Liquor - 3/2 Beer Off Sale	$ 100.00	Jun 30	X	*Annual*	*YES*	$ 500.00		X	*1st time**		X		*Yes*	**$ 600.00**
Liquor - 3/2 Beer On Sale	$ 200.00	Jun 30	X	*Annual*	*YES*	$ 500.00		X	*1st time**		X		*Yes*	**$ 700.00**
Liquor - 2 AM Closing, addition to $5000	$ 300.00	Jun 30	X	-				X	*1st time**		X		*Yes*	**$ 300.00**
Liquor - Off Sale[4]	$ 380.00	Jun 30	X	*Annual*	*YES*	$ 500.00		X	*1st time**		X		*Yes*	**$ 880.00**
Liquor - On Sale	$ 5,000.00	Jun 30	X	*Annual*	*YES*	$ 500.00		X	*1st time**		X		*Yes*	**$5,500.00**
Liquor - On Sale Sunday, addition to $5000	$ 200.00	Jun 30	X	-				X	*1st time**		X		*Yes*	**$ 200.00**
Liquor - Business name change only	$ 50.00	Jun 30	X	*Annual*	*YES*	$ 500.00		X					*Yes*	**$ 550.00**
Wine On-sale	$ 1,000.00	Jun 30	X	*Annual*	*YES*	$ 500.00		X	*1st time**				*Yes*	**$1,500.00**

Full schedule of rates/fees located in I:\WEBPAGE\2019\Finance Dept

[1] New Business fee $100 + $50 per massage therapist (+ $35 backgrd ck)

[2] Excludes special events for Non-Profits, no fee charged

[3] With age verification technology fee $150, without $250

[4] Gets $100 discount if meet state statutes conditions + $100 discount puchasing/utility ID technology

Non-Profit *Peddler, Solicitor or Transient Merchant License - Doesn't have to have a license*

Notes

- Consumption license (no sale) special, no city license required per Sept 2017 email in Laserfiche

-1st time liquor licenses have $500 fee for background checks (or change of name; none for change in ownership)

*- All **NEW** liquor licenses require a public hearing (includes change in owners)*

**** NEED COLOR COPY OF DRIVER's LICENSE for Background Checks***

Transient Merchant/Peddler/Solicitor

1. Make sure form fully filled out.
   a. Background check is required each year.
   b. Get **COLOR** copy of Driver's License.
   c. Take photo of applicant (camera in Wendy's bottom drawer).
2. Take payment $100.00 fee + $35 per B/C (CC enter into Clover Mini, checks give to Pam) Provide receipt if needed.

NOTE: One form filled out per company, one background check for each employee

Update 12/3/2019



NO LATE FEES – SUSPENSION OF RENEWAL NOTICES & COLLECTION

Mayor Jacob Frey proclaimed no late fees applied to the renewal of any food, taxi, liquor, wine, beer, or catering licenses and granted the suspension of license fees for any liquor, wine, and beer license renewals while we are in the current state of emergency. Emergency Regulation 2020-05, And Emergency Regulation 2020-07

NO LATE FEES

Following the proclamation, no business has been assessed a late fee for application renewals. In instances where payment is received on or after Tuesday, March 17, 2020 with a late fee already included in the payment, City staff will contact the licensee to adjust the payment, in accordance with the late fee waiver proclamation.

PLEASE MAINTAIN YOUR LICENSE

Every type of business license is an annual license. To maintain a license in good standing, a business must maintain minimum qualifications, insurance (including liquor liability) and pay the established license fee if they wish to maintain their license.

WITHDRAW YOUR LICENSE ONLY IF YOU ARE PERMANENTLY CLOSING

Businesses wish to permanently close and do not wish to reopen within the timeframe of their annual license may withdraw and a prorated portion of the license fee(s) paid will be refunded. A business license is not transferrable, and if a license is withdrawn, the business would need to apply for a new license, pay new license surcharge and meet any new health, zoning and building code requirements of a new business.

HOW WILL I KNOW WHEN TO SUBMIT MY RENEWAL FEES?

We just will be suspending sending out any new notices effective Friday, March 20, 2020. Any business that had a renewal due date on or before Tuesday, March 17, 2020 and did not renew will receive a second notice to renew within 30 days of the orders being lifted.

RETURN PAYMENTS

Payments for the above listed license types received on or after Friday, March 20, and prior to the expiration of this emergency regulation shall be returned to sender with explanation and the payment not processed.