

City of Ramsey
Agenda
Public Works Committee
Tuesday, June 20, 2023

5:30 pm

Lake Itasca Room, 7550 Sunwood Drive NW

Remote Attendance available at www.cityoframsey.com/meetings.

Those joining remotely and requesting to speak are asked to use a webcam when speaking.

1. **Call to Order**

2. **Citizen Input**

3. **Approve Agenda**

4. **Approve Minutes**
 1. Approve the following meeting minutes.
 1. Public Works Committee meeting dated May 16, 2023.

5. **Committee Business**
 1. Consider Drainage Improvement Options at 17650 Argon Street NW

 2. Consider Recommending City Council Approving Plans and Specifications and Authorizing Advertisement for Bids for 2023 MSA Pavement Overlay Improvements, Improvement Project #23-06

 3. Consider Recommending City Council Approving Plans and Specifications and Authorizing Advertisement for Bids for Whispering Pines Estates Plat 3 Street Reconstructions, Improvement Project #23-10

 4. Recommendation for spending remaining 2023 budgeted pavement maintenance funds

6. **Committee/Staff Input**
 1. Receive Updates on Improvement Projects, Studies and Items of Interest

2. Review Future Topics Calendar

7. **Adjournment**

Public Works Committee

4. 1.

Meeting Date: 06/20/2023

Submitted For: Bruce Westby, Engineering/Public Works

By: MaryJo Warner, Engineering/Public Works

Title:

Approve the following meeting minutes.

1. Public Works Committee meeting dated May 16, 2023.

Purpose/Background:

Purpose: To review and approve meeting minutes.

Background: Attached are the meeting minutes for review.

Timeframe:

5 minutes.

Observations/Alternatives:

n/a

Funding Source:

n/a

Recommendation:

To review and approve meeting minutes dated May 16, 2023.

Action:

Motion to approve meeting minutes dated May 16, 2023.

Attachments

PW Minutes 5/16/23

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	06/15/2023 01:41 PM
Brian Hagen	Brian Hagen	06/15/2023 04:12 PM
Form Started By: MaryJo Warner		Started On: 06/15/2023 08:08 AM
Final Approval Date: 06/15/2023		

**PUBLIC WORKS COMMITTEE
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA**

The Public Works Committee conducted a regular meeting on Tuesday, May 16, 2023, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present: Chairperson Chris Riley
 Councilmember Chelsee Howell
 Councilmember Matt Woestehoff

Also Present: City Engineer/Public Works Director Bruce Westby
 Assistant City Engineer Joe Feriancek
 Public Works Streets Supervisor Shane Turner

1. CALL TO ORDER

Chairperson Riley called the regular meeting of the Public Works Committee to order at 5:30 p.m.

2. CITIZEN INPUT

There was none.

3. APPROVE AGENDA

Motion by Councilmember Woestehoff, seconded by Councilmember Howell, to approve the agenda, as presented.

Motion carried. Voting Yes: Chairperson Riley, Councilmembers Woestehoff and Howell.
Voting No: None.

4. APPROVE MINUTES

4.01: Approve April 18, 2023, Meeting Minutes

Motion by Councilmember Woestehoff, seconded by Councilmember Howell, to approve the following minutes:

Regular Meeting Minutes dated April 18, 2023

Motion carried. Voting Yes: Chairperson Riley, Councilmembers Woestehoff and Howell.
Voting No: None.

5. COMMITTEE BUSINESS

5.01: Review Drainage Concerns at 17650 Argon Street NW

City Engineer/Public Works Director Westby shared the drainage concerns shared by property owners at 17650 Argon Street NW and asked for input from the Committee.

Chairperson Riley asked and received confirmation that the drainage is naturally occurring and not a City drainage way.

Councilmember Howell asked the process for handling these types of situations that arise from things being built prior to the incorporation of the City.

City Engineer/Public Works Director Westby replied that the City has worked with homeowners in the past to provide input and to sell culverts that could be installed. He stated that culverts are not given away and work is not completed by the City unless there has been Council authorization.

Chairperson Riley commented that there would be more responsibility if the City were directing water across the property through an easement.

Councilmember Woestehoff asked and received confirmation that drainage easements do not run across the property.

Kevin and Sarah Mytko, 17650 Argon Street NW, commented that they have had water getting into the basement since they purchased the home but this year the entire lower level flooded, which has caused a lot of issues. He noted that they had to tear out the carpet and some sheetrock. He commented that the snow and rain that accumulates in the ditch then flows into their yard. He commented that if the water did not sit in the ditch and their yard, they would have much less problems in their home. He hoped that a culvert under the driveway would assist in moving the flow of water and keep the water in the ditch area rather than it spilling into the front yard. He commented that they are currently unable to use the lower level of their home or their garage as they had to move things from the lower level into the garage.

Chairperson Riley asked if staff would recommend authorization of a survey to ensure that a culvert would assist in solving this issue.

City Engineer/Public Works Director Westby agreed that the survey would be helpful and noted that some minor grading would most likely be needed in order to ensure the culvert would function properly. He confirmed that staff could complete that work in-house.

Councilmember Woestehoff asked if the project cost would be assessed back to the property owner.

City Engineer/Public Works Director Westby replied that the survey would be relatively cheap.

Chairperson Riley stated that it would seem the survey would be the first step and then additional steps could be discussed after those results are known.

Mr. Mytko commented that they are hoping that the City will be able to help them out as the water damage is becoming a hardship. He commented that they are already paying \$15,000 to have a sump pump installed and repair the damage caused by the flooding. He stated that they are not in a rush at this time as the spring flooding has resided and are hoping to partner with the City to address the outdoor improvements while they are completing the indoor improvements.

Chairperson Riley confirmed the consensus of the Committee to authorize staff to proceed with completing a survey and bringing back the results and additional information to the next meeting.

5.02: Consider Recommending City Council Approval for Change Order #1 for Improvement Project #23-07, 2023 Neighborhood Pavement Overlay Improvements

City Engineer/Public Works Director Westby reviewed the staff report and recommendation to recommend City Council approval for Change Order #1 for Improvement Project #23-07, 2023 Neighborhood Pavement Overlay Improvements.

Chairperson Riley asked if the removal of 1.5 inches would result in potholes remaining.

City Engineer/Public Works Director Westby replied that deep potholes would be filled with the overlay, and confirmed that this work would be funded through the pavement management fund.

Councilmember Woestehoff asked if there would be any concerns with this depth.

City Engineer/Public Works Director Westby replied that he did not have any concerns and noted that the road is scheduled for reconstruction, and this would provide the necessary life to reach that point.

Councilmember Woestehoff asked if this is an MSA road.

City Engineer/Public Works Director Westby replied that he did not believe that this segment is an MSA road.

Motion by Councilmember Howell, seconded by Councilmember Woestehoff, to recommend City Council approval for Change Order #1 for Improvement Project #23-07, 2023 Neighborhood Pavement Overlay Improvements.

Further discussion: Chairperson Riley commended the contractor for suggesting this as this would seem to be a much better product for a small amount of additional funds.

Motion carried. Voting Yes: Chairperson Riley, Councilmembers Howell and Woestehoff. Voting No: None.

5.03: Consider Recommending City Council Approval to Revise Public Works Facility Walk-In Business Hours

City Engineer/Public Works Director Westby reviewed the staff report and recommendation to recommend City Council approval to revise the Public Works Facility walk-in business hours to 8:00 a.m. to 3:30 p.m.

Chairperson Riley asked and confirmed that the work hours would still remain the same.

Councilmember Howell stated that she supports this change.

Chairperson Riley encouraged staff to be clear on the change in public hours.

Motion by Councilmember Woestehoff, seconded by Councilmember Howell, to recommend City Council approval to revise the Public Works Facility walk-in business hours to 8:00 a.m. to 3:30 p.m.

Motion carried. Voting Yes: Chairperson Riley, Councilmembers Woestehoff and Howell. Voting No: None.

6. COMMITTEE / STAFF INPUT

6.01: Receive Updates on Improvement Projects, Studies, and Items of Interest

City Engineer/Public Works Director Westby provided an update on current and proposed City, County and MnDOT improvement projects and studies and on other items of interest to the Committee.

Chairperson Riley referenced Armstrong and 167th which still has silt fence and asked if the purpose is awaiting vegetation to take.

City Engineer/Public Works Director Westby confirmed that and noted that they are completing the punch list items.

Chairperson Riley asked for an update on street patching and the use of contractors.

City Engineer/Public Works Director Westby replied that the streets crew is down one member and they had been sweeping streets ahead of the watermain flushing but has returned to road patching. He stated that the priority pothole patching contractor will begin work this following Monday and provided updates on the progress of the other road projects for this year.

6.02: Review Future Topics Calendar

Councilmember Woestehoff referenced a sign request for children at play and asked staff why those signs are not recommended.

City Engineer/Public Works Director Westby stated that the City follows the Minnesota Manual on Uniform Traffic Control Devices for sign placement guidance. He explained that in following that guide, the City reduces its liability related to signage. He stated that manual does not use or

recommend the children at play signs as those often provide a false sense of security. He stated that if there are too many signs, people stop paying attention to the signs all together. He commented that there are a few older signs at the entrance to developments, but the City is not placing additional signs of that type.

7. ADJOURNMENT

Motion by Councilmember Woestehoff, seconded by Councilmember Howell, to adjourn the Public Works Committee meeting.

Motion carried.

The regular meeting of the Public Works Committee adjourned at 6:17 p.m.

Respectfully submitted,

Bruce Westby
City Engineer/Public Works Director

Drafted by Amanda Staple
TimeSaver Off Site Secretarial, Inc.

Public Works Committee

5. 1.

Meeting Date: 06/20/2023

By: Bruce Westby, Engineering/Public Works

Title:

Consider Drainage Improvement Options at 17650 Argon Street NW

Purpose/Background:

The purpose of this case is to further review the drainage concerns shared by the property owners at 17650 Argon Street NW with Councilmember Olson via email on April 18, 2023, who then shared their email with City Engineer/Public Works Director Westby on April 19, 2023. The following italicized text copied from the original email outlines the property owners' original concerns and request for assistance from the City.

Hello, my wife and I live at 17650 Argon St. NW for 6 years now and we have a concern that we believe is a city responsibility. As you can see from the attached pictures, our front yard retains water in the right-of way ditch and then overflows covering our front yard completely. This water gets upwards of a foot deep at times in the spring and comes within 10 feet of our foundation. Most of the other residences in the neighborhood have culverts under their driveways to allow the water to flow...we do not. This has caused us hardship as it is flooding our basement. As you can see in a couple of pictures we have to set pumps up to remove the water to try and reduce the amount of water coming into our finished basement. We are wondering if the city will install culverts under one or both of our driveways to help alleviate the flooding at our property. I would encourage you to drive by or stop by in the next couple of days with the rain coming and see the situation for yourself. Please feel free to call me if you would like to discuss this further. My contact information is attached below and this is my work email and I have copied my wife as well. Thank you for your attention to this matter.

Assistant City Engineer Feriancek visited the site on April 21st to meet with the property owners and Councilmember Olson. Based on Assistant City Engineer Feriancek's observations (no survey shots had been taken yet), the front yard of the property was graded at least 6-inches lower than the foundation of the home, both driveways, and Argon Street. The rear yard has positive drainage to the wetland behind the home, and there is a defined drainage ditch between their west driveway and Cobalt Street. However, no defined drainage ditch exists between their front yard and Argon Street, nor is there a defined swale to convey stormwater runoff from their front yard to the wetland behind their home, or to the drainage ditch along Cobalt Street.

This property was developed in 1972, including construction of the home and grading of the yard, prior to the City of Ramsey incorporating it in 1974.

The property owners also have concerns about the standing water being near their private water well. No information exists on this well on the Minnesota Well Index so staff is unable to verify the depth of the well, but it is listed as a "deep" well on the attached septic as-built drawing.

Various pictures taken by the property owner and Assistant City Engineer Feriancek are attached to the case showing areas of standing water in the front yard and along the east driveway.

On May 17th (immediately following the May 16th PWC meeting when this item was originally discussed) staff collected numerous survey shots on the subject property. Attached is a layout (Figure 1) showing these survey shots on the front and side yards of the property. Also attached (Figure 2) is a copy of this layout with drainage arrows showing the drainage patterns across the property. A third layout is also attached (Figure 3) showing the survey shots with aerial photography included for reference.

Based on the survey shots taken, much of the front yard must be filled and/or re-graded to properly address the

property owner's concerns with standing water in the front yard, including near their water supply well. Areas of one or both driveways may also need to be raised slightly. However, there is very little elevation difference between the home's foundation and the ditch along Argon Street so the final grade of the front yard would be nearly flat. And while a driveway culvert can be added under the west driveway and the ditch along Argon Street can be re-graded to better convey runoff from the street under the west driveway to the ditch along Cobalt Street, the Argon Street ditch grade will be extremely flat. However, the ditch work alone will not address the property owner's concerns since a portion of the runoff that pools in the front yard is the result of snow melt or rain originating within the front yard, the driveways, and a portion of the property to the east.

Timeframe:

Staff anticipates 20 minutes will be required to present this case and respond to questions.

Observations/Alternatives:

Staff will send the property owners a link to this case, and has invited the property owners to attend the Public Works Committee meeting Tuesday evening.

Funding Source:

Dependent on discussions and direction from the Public Works Committee.

Recommendation:

Staff has no recommendations to offer at this time.

Action:

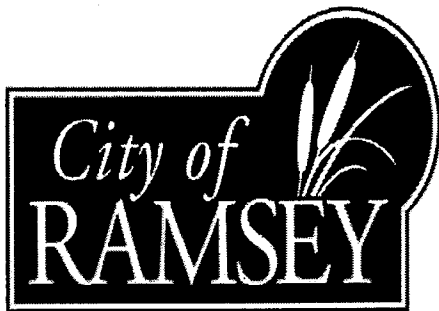
Dependent on discussions and direction from the Public Works Committee.

Attachments

- Septic asbuilt
- 1972 Certificate of Survey
- 2022 aerial w contours front
- 2022 aerial w contours property
- Pictures
- Figure 1
- Figure 2
- Figure 3

Form Review

Inbox	Reviewed By	Date
Brian Hagen	Brian Hagen	06/15/2023 04:12 PM
Form Started By: Bruce Westby		Started On: 06/15/2023 09:15 AM
Final Approval Date: 06/15/2023		



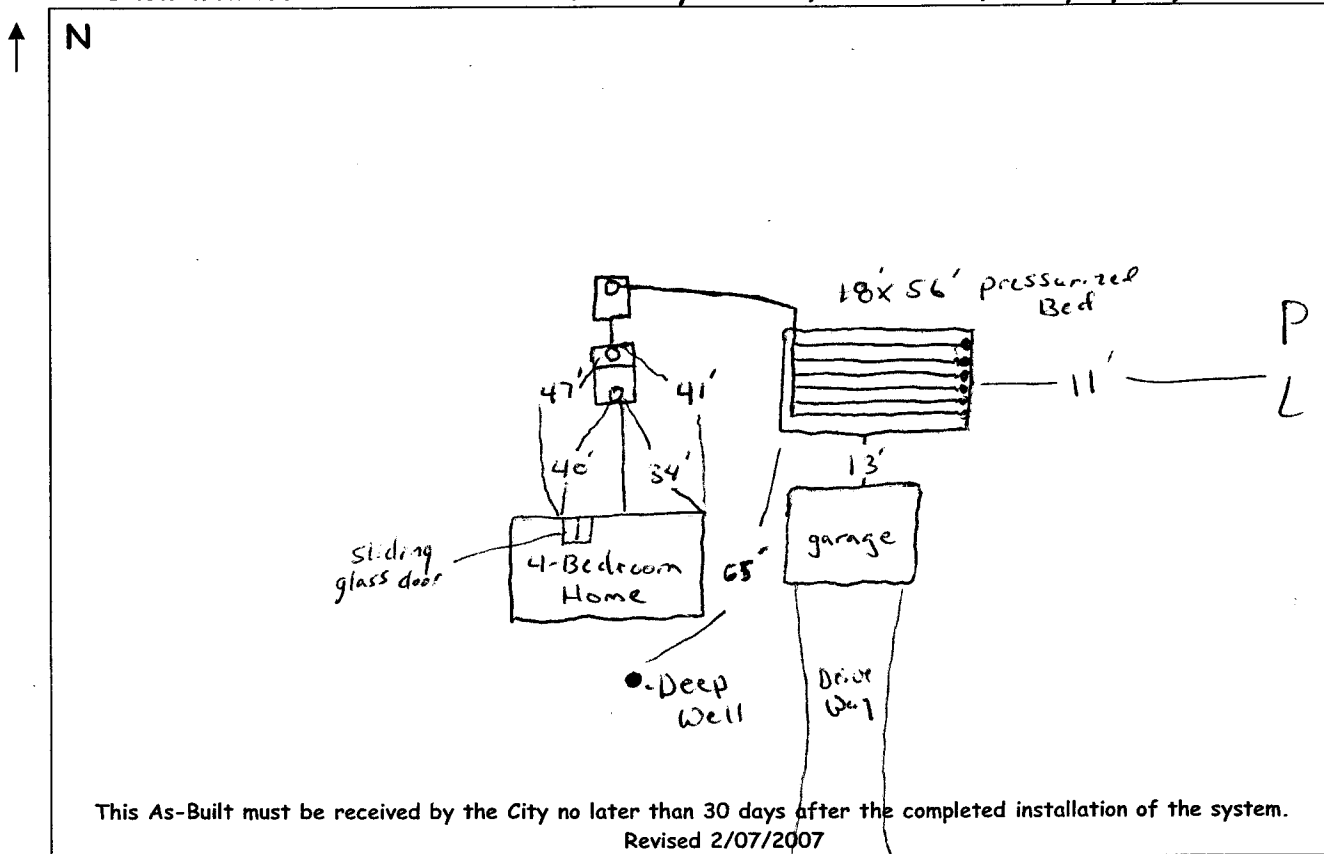
7550 Sunwood Drive NW.
 Ramsey, MN 55303
 763-433-9850 - Phone
 763-433-9848 - Fax

RECEIVED
 JUN 07 2017
 BY: 34880

ONSITE SEWAGE TREATMENT AS-BUILT DRAWING

PERMIT # RA034880 DATE 6-7-17
 ADDRESS 17650 Argon St. NW PIN/PID NO. 01-32-25-31-0017
 CONTRACTOR Casper's Excavating LIC. NO. 265 PHONE NO. 763-434-3618
 DESIGNER Casper's Excavating Inc. PHONE NO. 763-434-3618
 TANK SIZE(s) 1500 gal. 2 comp. 1000 lift NO. OF TANKS 2
 TANK MANUFACTURER Knife River TANK MATERIAL: PRECAST / FIBERGLASS / PLASTIC
 TYPE OF DRAINFIELD Pressure Bed
 S.F. OF DRAINFIELD 1000 NO. OF DRAINFIELD RUNS 6
 DEPTH OF DIRT OVER DRAINFIELD 3' DEPTH OF ROCK UNDER TRENCH 6"
 DEPTH OF ROCK OVER PIPE 2" TOTAL DEPTH OF TRENCH 20"
 NUMBER OF BEDROOMS 4 WHIRLPOOL: YES/NO GARBAGE DISPOSAL: YES/NO
 MOUND SYSTEM: YES/NO GEOTEXTILE: YES/NO SCHEDULE 40: YES/NO

Show well location and distance from septic tank, easements, and property lines.



This As-Built must be received by the City no later than 30 days after the completed installation of the system.
 Revised 2/07/2007

NOTE: An electrical permit is required for all electrical connections.

Argon St. NW

Distance from BM To:
 Limiting Layer _____
 Bottom Rock Bed _____

SCALE 1 INCH = 00 FEET

o Denotes iron pipe

LE ROY H. WINNER & ASSOCIATES, INC.

Land Surveyors

Registered Under Laws of State of Minnesota

8398 Center Drive • Minneapolis, Minn. 55432

Phone 784-0210

JOB NO. 72-70

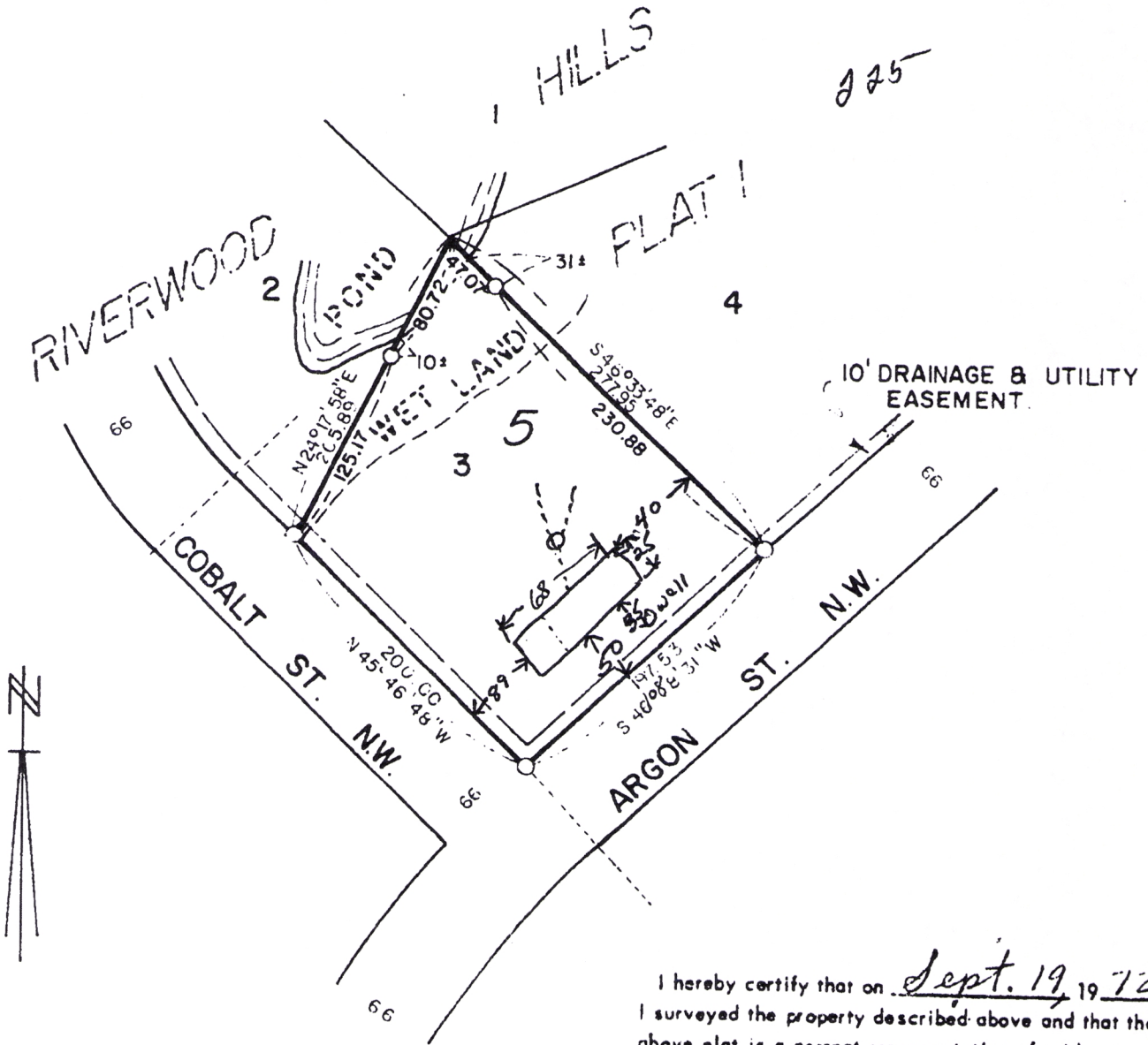
BK. PG.

CERTIFICATE OF SURVEY

RECEIVED
JUL 09 2018
BY: 37817

SURVEY FOR: Good Value Homes

DESCRIBED AS: Lot 3, Block 5, Riverwood Hills Plat 1,
Anoka County, Minnesota.



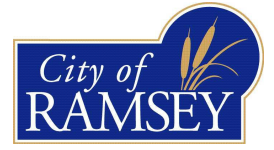
I hereby certify that on Sept. 19, 1972
 I surveyed the property described above and that the
 above plat is a correct representation of said survey.

Le Roy H. Winner
 LAND SURVEYOR REG. No. 4987

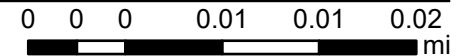
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val_Title

val_Comment



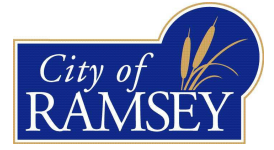
Print Date: May 11, 2023



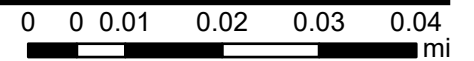
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Print Date: May 11, 2023

























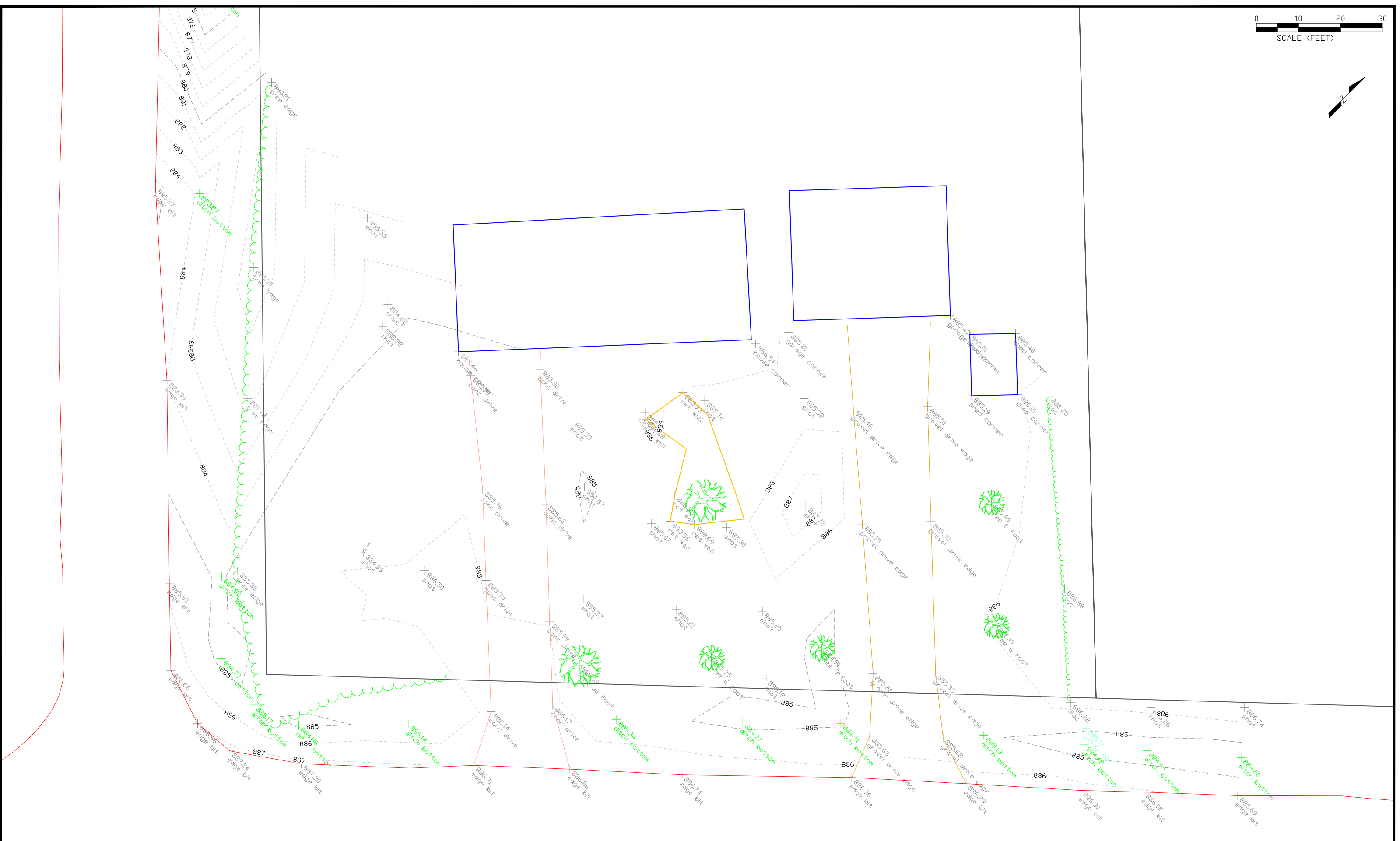
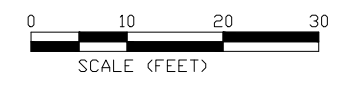












DATE	REVISION

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

Engineer Name _____
 Date XX/XX/XX Lic. No. Eng. No.

DESIGNED BY: ---
 DRAWN BY: --- DATE: XX/XX/XX
 CHECKED BY: --- FILE: (file no.)

CITY OF RAMSEY
 7550 SUNWOOD DRIVE
 RAMSEY, MN 55303
 (763) 427-1410 FAX (763) 433-9898

**17650 ARGON STREET
 EXISTING GROUND TOPO**

(PROJECT NAME)
CITY PROJECT NO. (File No.)
 CITY OF RAMSEY, MINNESOTA

SHEET
 --- OF ---
 (XX)
 SHEETS

6/15/23



COBALT STREET NW

17650

ARGON STREET NW

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

Engineer Name
Date XX/XX/XX Lic. No. Eng. No.

DESIGNED BY: ---
DRAWN BY: ---
CHECKED BY: ---

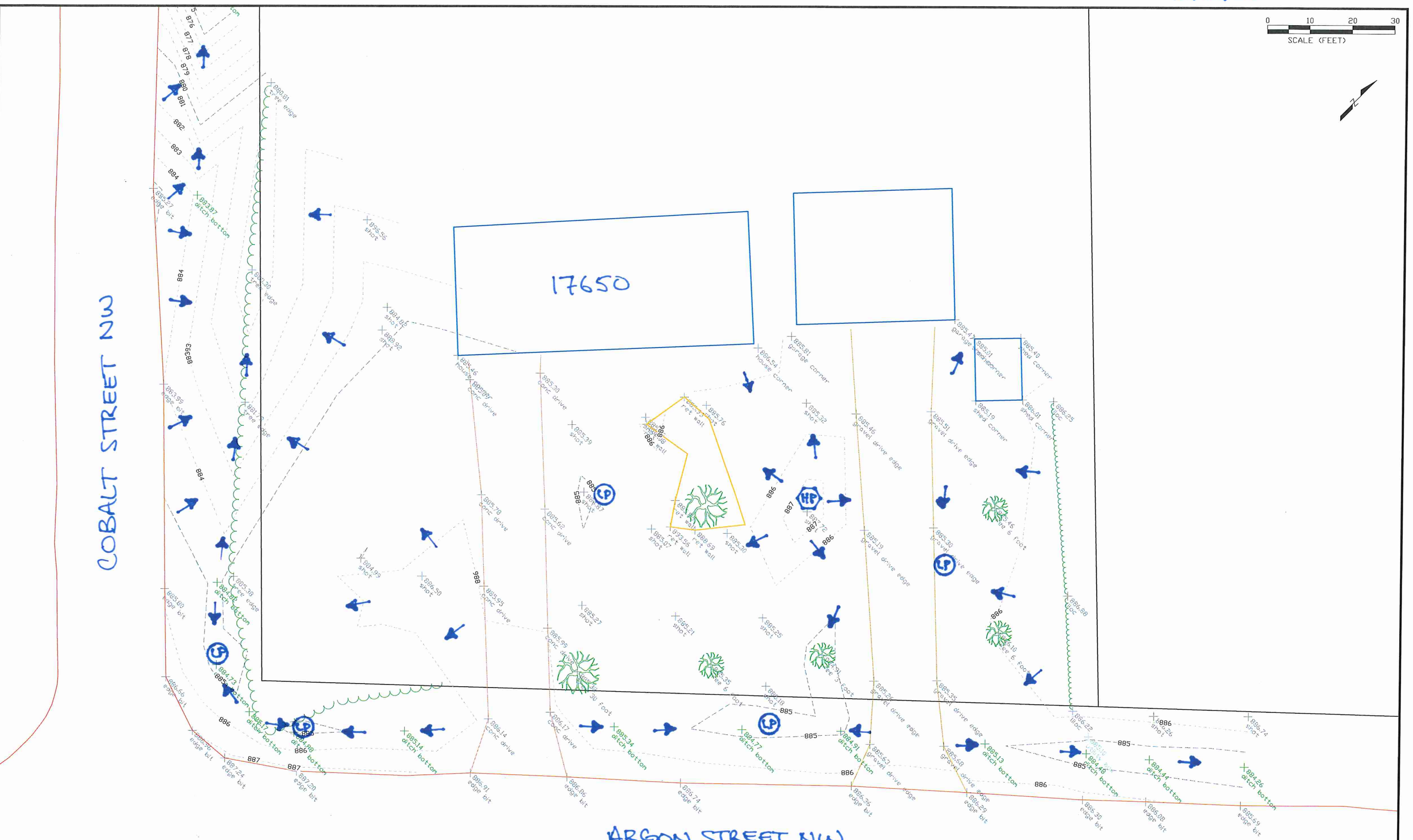
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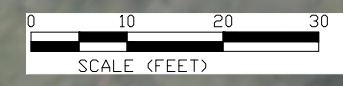
CITY OF RAMSEY
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17650 ARGON STREET
EXISTING GROUND TOPO

(PROJECT NAME)
CITY PROJECT NO. (File No.)
CITY OF RAMSEY, MINNESOTA

SHEET
OF
(XX)
SHEETS





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

 Engineer Name
 Date xx/xx/xx Lic. No. Eng. No.

DESIGNED BY: ---
 DRAWN BY: ---
 CHECKED BY: ---

DATE: xx/xx/xx
 FILE: (file no.)

CITY OF RAMSEY
 7550 SUNWOOD DRIVE
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**17650 ARGON STREET
 EXISTING GROUND TOPO**

(PROJECT NAME)
CITY PROJECT NO. (File No.)
 CITY OF RAMSEY, MINNESOTA

SHEET
 --- OF ---
 (XX)
 SHEETS

Public Works Committee

5. 2.

Meeting Date: 06/20/2023

Submitted For: Joe Feriancek, Engineering/Public Works

By: Joe Feriancek, Engineering/Public Works

Title:

Consider Recommending City Council Approving Plans and Specifications and Authorizing Advertisement for Bids for 2023 MSA Pavement Overlay Improvements, Improvement Project #23-06

Purpose/Background:

Purpose:

The purpose of this case is to consider recommending City Council approving plans and specifications and authorizing advertisement for bids for 2023 MSA Pavement Overlay Improvements, Improvement Project #23-06.

Background:

On December 13, 2022, the Ramsey City Council ordered the City Engineer to prepare plans and specifications for the 2023 MSA Pavement Overlay Improvements, Improvement Project #23-06.

On April 25, 2023, the Ramsey City Council adopted Resolution #23-083, amending the scope of Improvement Project #23-06 to include the subdivisions of Rivenwick 3rd and Rivenwick Village as part of the project. The case is attached for reference.

City Improvement Project #23-06 proposes to mill and overlay Municipal State Aid (MSA) street Riverdale Drive between Ramsey Boulevard and Feldspar Street, as well as the Rivenwick 3rd and Rivenwick Village subdivision. The streets are urban section with concrete curb and gutter. Riverdale Drive is 40 feet wide with 12-foot drive lanes and 8-foot parking lanes. The streets within the two subdivisions are 31 feet wide. The streets total 1.26 miles in length, a street segment summary is attached to this case for reference.

Project History

- 2023 – 2032 Capital Improvement Program – listed Riverdale Drive as an overlay for 2023. Rivenwick 3rd & Rivenwick Village listed as an overlay for 2025
- November 7, 2022 City Council accepted proposal for topographic survey with Resolution #22-250
- November 15, 2022 Public Works Committee recommended City Council order plans and specifications
- December 13, 2022 City Council ordered plans and specifications with Resolution #22-287
- April 18, 2023 Public Works Committee recommended City Council add the streets within Rivenwick 3rd and Rivenwick Village to Improvement Project #23-06
- April 25, 2023 City Council amended the scope of Improvement Project #23-06 to include the streets within Rivenwick 3rd and Rivenwick Village

Pavement History

The streets within the project area were built between 1992 (Riverdale Drive between Garnet Street and Feldspar Street) and 2003/2004. Pavement maintenance has included 2 rounds of crack seal / seal coat improvements, with all street segments receiving treatments in 2018. Until recently only minor street patching has been required. 2021 PASER values were 8 for all street segments, and the street base seems to be in good condition.

Ground Penetrating Radar (GPR) was performed on Riverdale Drive, finding an average of 4.0 inches of bituminous pavement. Rivenwick 3rd and Rivenwick Village as-built drawings show an existing pavement thickness of 3.5 inches. The GPR summary is included in the attached street segment summary.

Proposed Improvements

Based on Staff review of the existing pavement sections, and condition of the existing pavements, a mill and overlay of the existing pavement is appropriate. The proposed mill and overlay will be 2 inches throughout the project area.

Staff review found the existing pedestrian ramps within the project area did not meet current ADA requirements, therefore all pedestrian ramps within the project area will need to be removed and replaced per MnDOT State Aid requirements. The concrete curb and gutter along Riverdale Drive was found to be in very poor condition. Because of this, Staff is proposing to focus efforts on the pavement and not perform curb and gutter repairs beyond what is necessary for installing the ADA-compliant pedestrian ramps. The concrete curb and gutter within the Rivenwick 3rd and Rivenwick Village subdivisions was found to generally be in good condition, and only spot repairs are proposed.

Minor repairs to the existing storm sewer structures are proposed with this project, the majority of which are grouting the existing adjustment rings and pipe inverts. Some storm sewer catch basins will require resetting due to settling.

The sanitary sewer castings along Riverdale Drive were found to be an older, heavier model no longer installed within the City. At the request of the Utilities Department, Staff is proposing to replace the 14 castings along Riverdale Drive to the currently specified model.

Preliminary Schedule Remaining

- Council Approves Plans and Specifications / Authorizes Ad for Bids
 - June 27, 2023
- Staff Receives Bids
 - July 21, 2023
- Council Awards Contract to the lowest responsible bidder
 - July 25, 2023
- Contractor begins construction
 - August 2023
- Contractor Substantially Completes construction
 - September 29, 2023
- Contractor Final Completion (verify final restoration, punch list created)
 - October 13, 2023

State Aid Approval

Plans are currently being routed through State Aid for approval, which is required before the project can be bid. Staff does not anticipate significant comments from State Aid which would require moving the proposed project bid opening.

Final plans are not attached to this case to prevent potential bidders from downloading plans attached to the case to prepare and submit their bids, rather than purchasing the plans through QuestCDN, the electronic bidding software used by the City of Ramsey. This ensures all bidders are bidding off the same set of plans, and all bidders are notified of any plan revisions (addenda) issued during the bidding process. Attached is the title sheet showing the scope of the improvements, as well as a plan sheet showing the typical sections, which includes information on the proposed pavement section. Plans are available upon request from the City Engineer.

Timeframe:

Staff estimates up to 10 minutes will be needed to present this case and respond to questions.

Observations/Alternatives:

Alternatives:

Alternative #1 – Motion recommending City Council approving plans and specifications and authorizing advertisement for bids for 2023 MSA Pavement Overlay Improvements, Improvement Project #23-06.

Alternative #2 – Motion of other.

Funding Source:

Funding for this improvement is proposed to come from Municipal State Aid Funds, Pavement Management Funds, Sanitary Sewer Utility Funds, and Stormwater Utility Funds.

Staff has completed an estimate based on the final plans and anticipated 2023 construction costs, with a total estimated project cost of \$660,990.81, which includes 14-percent indirect costs for administrative, engineering, finance, and legal costs.

- MSA Street Project Costs \$375,895.05
- Local Street Project Costs \$214,985.76
- Sanitary Sewer Project Costs \$39,102.00
- Storm Sewer Project Costs \$31,008.00
- *Total Estimated Costs* \$660,990.81

Recommendation:

Staff recommends Alternative #1

Action:

Motion recommending City Council approving plans and specifications and authorizing advertisement for bids for 2023 MSA Pavement Overlay Improvements, Improvement Project #23-06.

Attachments

- 23-06 Title Sheet
- 23-06 Typical Sections
- 23-06 Street Summary
- CC Case #14159

Form Review

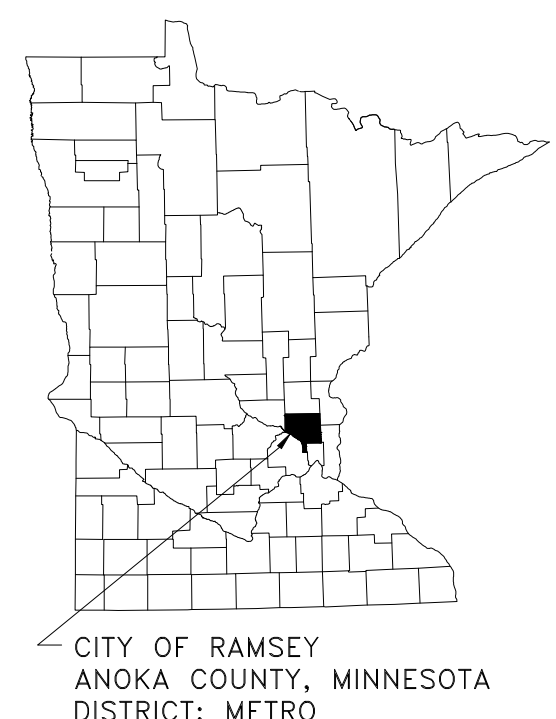
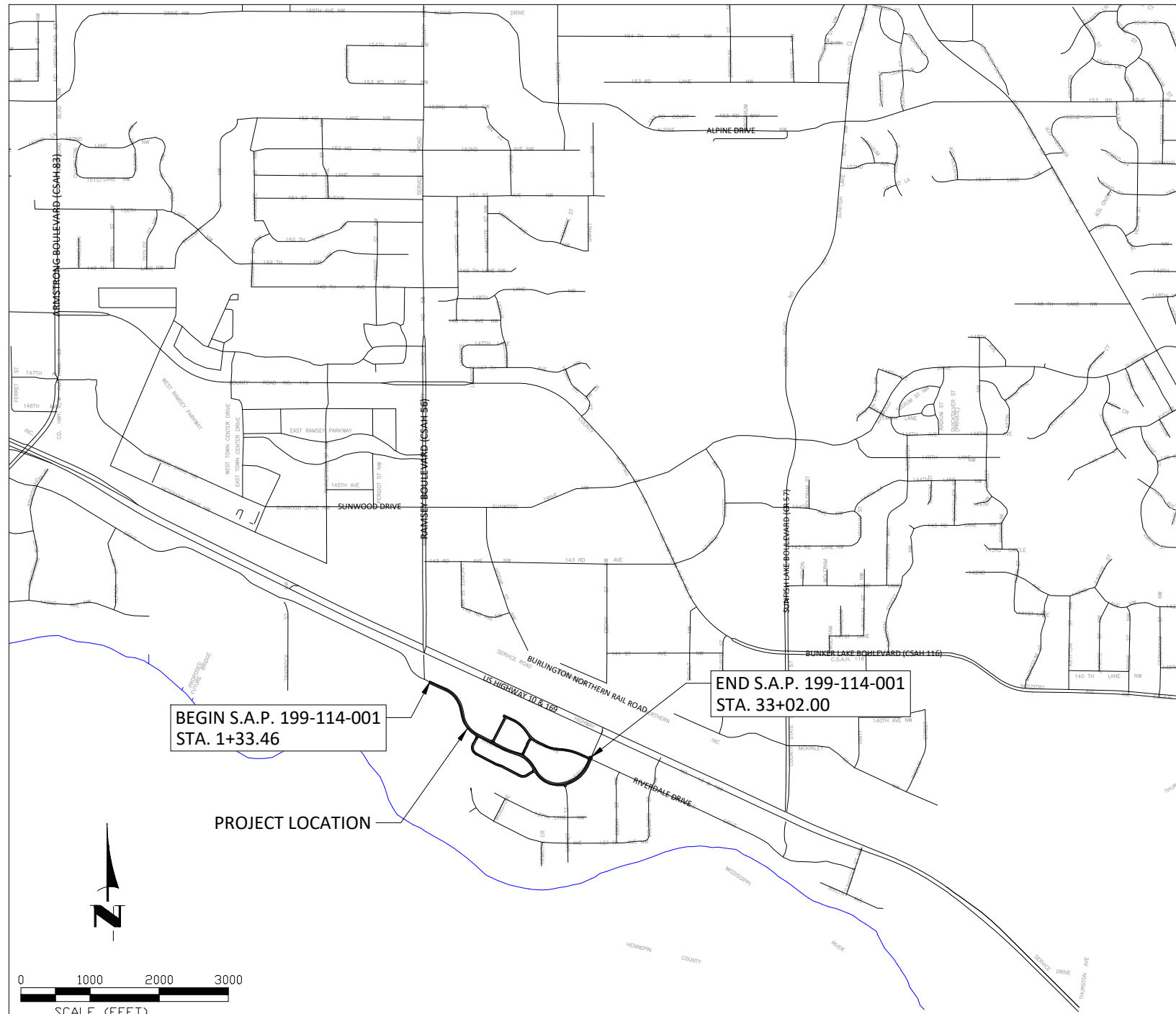
Inbox	Reviewed By	Date
Bruce Westby	Joe Feriancek	06/14/2023 08:10 PM
Bruce Westby	Bruce Westby	06/15/2023 01:23 PM
Brian Hagen	Brian Hagen	06/15/2023 04:09 PM
Form Started By: Joe Feriancek		Started On: 06/12/2023 09:42 AM
Final Approval Date: 06/15/2023		

CITY OF RAMSEY

STREET CONSTRUCTION PLANS FOR BITUMINOUS MILLING AND PAVING.

S.A.P. 199-114-001

S.A.P. LOCATED ON RIVERDALE DRIVE BETWEEN RAMSEY BOULEVARD AND 139TH LANE
FROM NW 1/4 OF THE NW 1/4 OF S34, T32, R25 TO NW 1/4 OF THE NW 1/4 OF S34, T32, R25



THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL 1-800-252-1166 OR 651-454-0002



GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE "SUPPLEMENTAL SPECIFICATIONS" DATED SEPTEMBER 2022 SHALL GOVERN.

ALL FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

SHEET INDEX

THIS PLAN CONTAINS 22 SHEETS

SHEET NO.	DESCRIPTION
01	TITLE SHEET
02	STATEMENT OF ESTIMATED QUANTITIES
03	TYPICAL SECTIONS
04-05	CITY DETAILS
06-11	MINDOT PED RAMP DETAILS
12-13	INTERSECTION DETAILS
14-16	MISA BITUMINOUS MILL & OVERLAY
17-19	LOCAL STREET BITUMINOUS MILL & OVERLAY
20-22	MISA PAVEMENT MARKING PLAN

PROJECT	STA. TO STA.	GROSS LENGTH	BRIDGE LENGTH	NET LENGTH	NET LENGTH (MILES)	ADT (2023)	ADT (2043)	DESIGN ESAL	R VALUE	TON DESIGN	DESIGN SPEED	DESIGN SPEED NOT MET	NUMBER OF LANES	WIDTH OF LANES	NUMBER OF SHOULDERS	WIDTH OF LANES	FUNCTIONAL CLASSIFICATION
S.A.P. 199-114-001 RIVERDALE DRIVE	1+33 TO 33+02	3169 FT	0 FT	3169 FT	0.60 MI	990	1,089	115,000	60	10	35	STA. 32+26 STOP CONDITION	2	12'	2	8'	COLLECTOR

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.

57095 DATE 06/09/23
LIC. NO.

APPROVED: _____ DATE _____
CITY ENGINEER, CITY OF RAMSEY

DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY

STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING

Jun 09, 2023 - 2:11pm G:\Engineering\AutoCad Dwg\Projects N-Z\Overlays\23-06 2023 MSA Overlay Improvements\Plan Drawings\23-06 Title Sheet.dwg

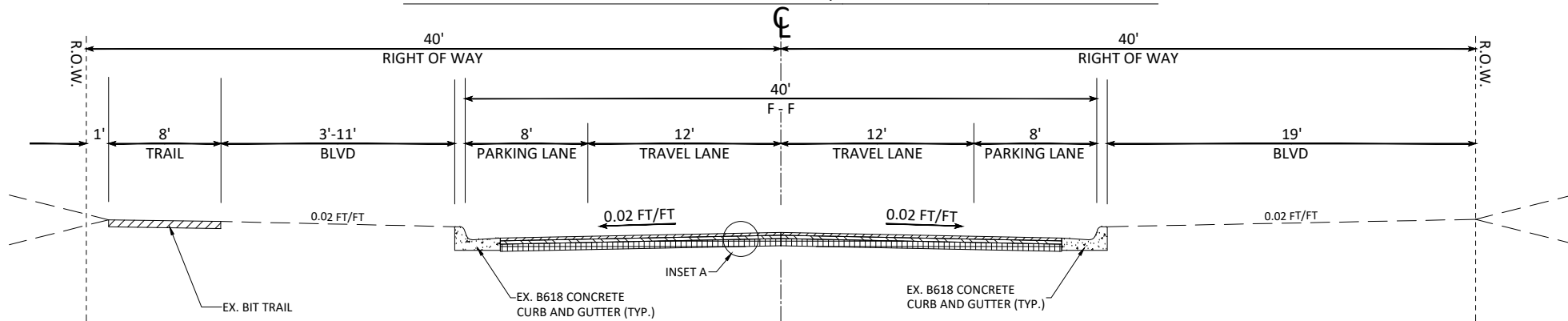
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

STOPPING SIGHT DISTANCE BASED ON:
3.5 FT - HEIGHT OF EYE
2.0 FT - HEIGHT OF OBJECT

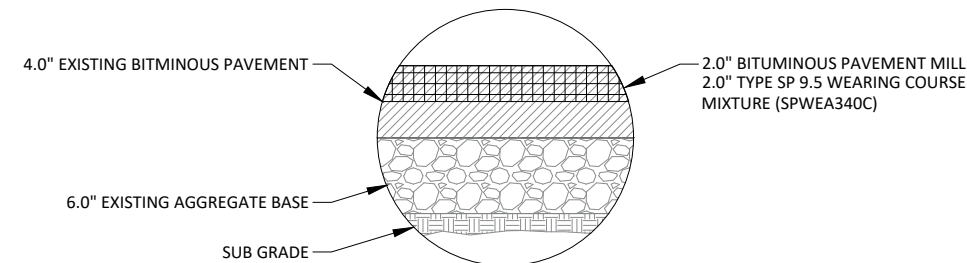
DATUM:
VERTICAL: NAVD 88
HORIZONTAL: ANOKA COUNTY COORDINATES (1996 ADJUSTMENT)

DATE	REVISION

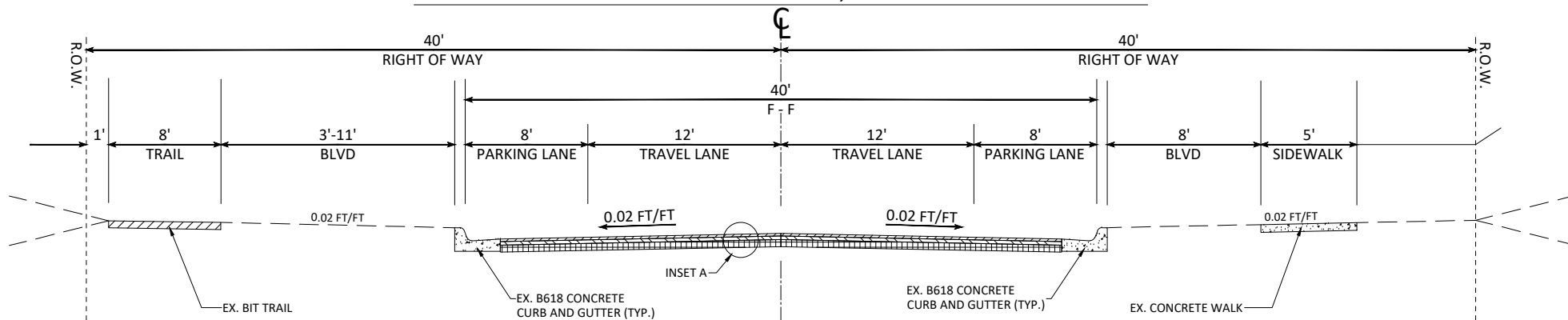
RIVERDALE DRIVE: S.A.P. 199-114-001; STA. 1+33.46 TO STA. 12+02



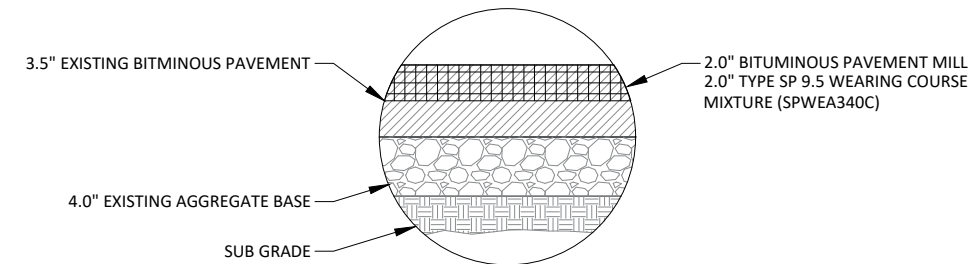
INSET A: S.A.P. 199-114-001



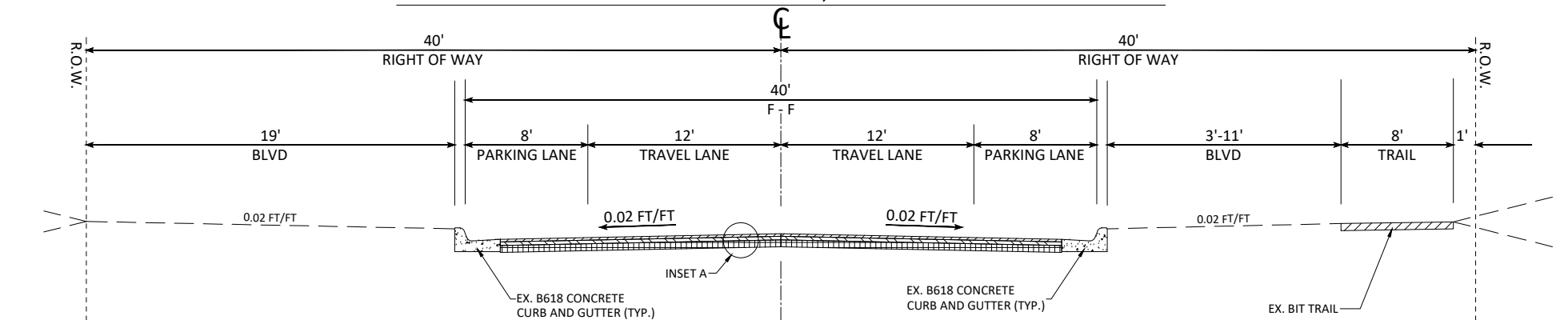
RIVERDALE DRIVE: S.A.P. 199-114-001; STA. 12+02 TO STA. 27+50



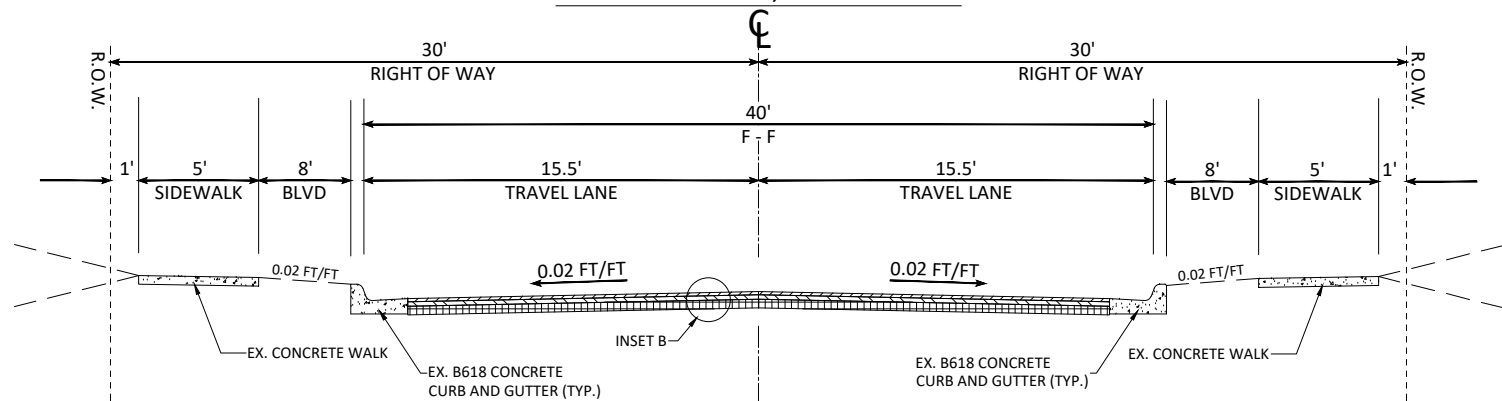
INSET B: LOCAL STREETS



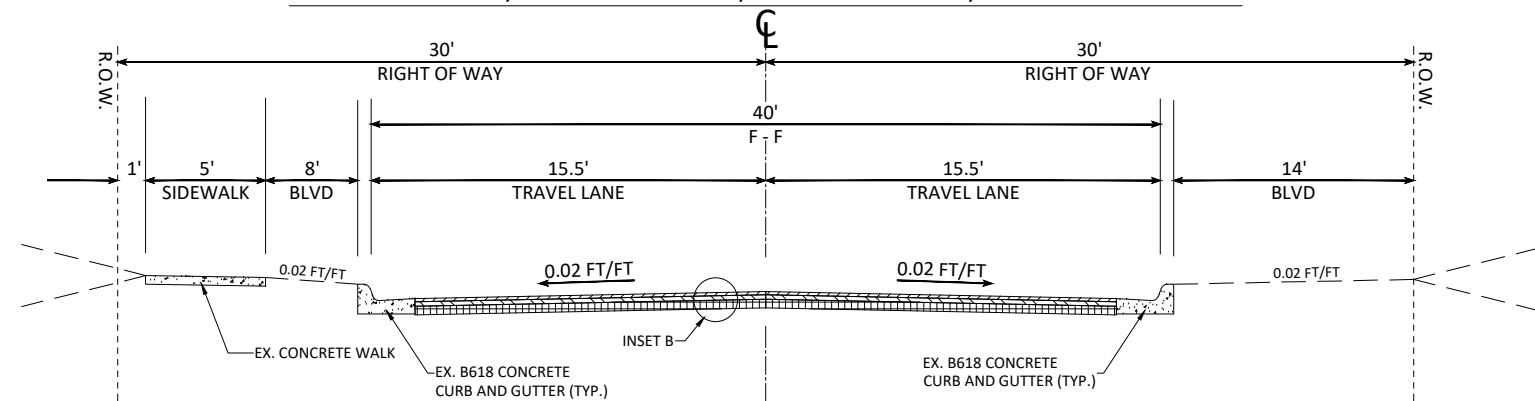
RIVERDALE DRIVE: S.A.P. 199-114-001; STA. 27+50 TO STA. 33+02.00



LOCAL STREETS; 139TH LANE



LOCAL STREETS; 139TH AVENUE, JASPAR STREET, HEMATITE STREET



NOTE: TYPICAL SECTIONS NOT TO SCALE.

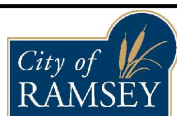
DATE	REVISION

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
 JOE FERIANCEK
 Date 06/09/23 Lic. No. 57095

DESIGNED BY: JJF
 DRAWN BY: JJF
 CHECKED BY: JJF

DATE: 06/09/23
 FILE: 23-06



CITY OF RAMSEY
 7550 SUNWOOD DRIVE
 RAMSEY, MN 55303
 (763) 427-1410 FAX (763) 433-9898

TYPICAL SECTIONS

2023 MSA PAVEMENT OVERLAY IMPROVEMENTS
 CITY PROJECT NO. 23-06
 CITY OF RAMSEY, MINNESOTA

**IP 23-06 2023 MSA Pavement Overlay Improvements
Street Segment Summary - Revised 4/11/2023**

Subdivision	Street	Segment Description	Length (feet)	Section (Urban / Rural)	Curb (Bit / Conc.)	2021 PASER	Year Built	Maint. 1	Maint. 2	Avg HMA (inches)	Avg Agg. Base (inches)	Avg Section (inches)
MSA	Riverdale Drive	Ramsey Blvd / Garnet St	2702	Urban	Conc.	8	2003	SC 2009	SC 2018	4.0	5.6	9.6
	Riverdale Drive	Garnet St / Feldspar St	544	Urban	Conc.	8	1992	SC 1999	SC 2018	4.0	6.0	10.0
Rivenwick 3rd	139th Avenue	Riverdale Dr / Riverdale Dr	1277	Urban	Conc.	8	2003	SC 2009	SC 2016	3.5*	4.0*	7.5*
Rivenwick Village	139th Lane	Hematite St / Jaspar St	487	Urban	Conc.	8	2004	SC 2009	SC 2018	3.5*	4.0*	7.5*
	139th Lane	Riverdale Dr / Hematite St	939	Urban	Conc.	8	2004	SC 2009	SC 2018	3.5*	4.0*	7.5*
	Hematite Street	Riverdale Dr / 139th Ln	268	Urban	Conc.	8	2004	SC 2009	SC 2018	3.5*	4.0*	7.5*
	Jaspar Street	Riverdale Dr / 139th Ln	432	Urban	Conc.	8	2004	SC 2009	SC 2018	3.5*	4.0*	7.5*
2023 MSA Overlay Total Length			6649	1.26 mi.		* GPR data not available, depth per as-built plans						

Meeting Date: 04/25/2023

Submitted For: Joe Feriancek, Engineering/Public Works

By: Joe Feriancek, Engineering/Public Works

Information

Title

Adopt Resolution #23-083 Amending Scope of Improvement Project #23-06, 2023 MSA Pavement Overlay Improvements

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #23-083 amending the scope of Improvement Project #23-06, 2023 MSA Pavement Overlay Improvements to include the streets within the Rivenwick 3rd and Rivenwick Village subdivisions.

Background:

On December 13, 2022, the Ramsey City Council ordered the City Engineer to prepare plans and specifications for Improvement Project #23-06, 2023 MSA Pavement Overlay Improvements. This project proposes to mill and overlay 0.61 miles of Riverdale Drive between Ramsey Boulevard and Feldspar Street.

In March of 2023, Staff received concerns from residents about the condition of 139th Lane and Jaspar Street, a loop road off of Riverdale Drive west of Feldspar Street. Staff followed up on the concerns with a site visit and noted significant pavement stripping is occurring on the streets within the Rivenwick 3rd and Rivenwick Village subdivisions. A street segment summary and pictures of the pavement conditions are attached to this case for reference.

The current 2023 through 2032 10-year Capital Improvement Program (CIP) proposes pavement mill and overlay improvement for Rivenwick 3rd and Rivenwick Village in 2025. Staff proposes to move the improvements up to 2023 and to include as part of the 2023 MSA Pavement Overlay Improvements for the following reasons:

- Pavement stripping allows the bituminous to be exposed to further damage. If not treated, the pavement conditions may worsen to the point where a mill and overlay is no longer the suitable treatment.
- By including this as a 2023 improvement, it frees up resources to patch other areas of the City during 2023 and likely 2024. Typically, once pavement stripping occurs, it will migrate to adjacent pavement.
- Because the subdivisions are immediately adjacent to Riverdale Drive, already proposed to be milled and overlaid, additional mobilization costs are avoided.
- The 2023 Neighborhood Pavement Overlay Improvements has already been bid, with bids opened April 21, 2023. Adding these subdivisions to the 2023 MSA Pavement Overlay Improvements project avoids delays in starting or a change or to the 2023 Neighborhood Overlay Improvements. The 2023 Neighborhood Overlays are proposed to be substantially complete by June 30, 2023.
- The CIP proposes funding these improvements from Pavement Management Funds in 2025. The same funds would be used, just moved up to 2023.

Proposed Schedule:

- May 23, 2023 City Council approve plans & authorize advertisement for bids
- May 26; June 2, 2023 Advertisement for bids
- June 19, 2023 Bid opening
- June 27, 2023 City Council award contract to lowest responsible bidder
- July 10, 2023 Approximate start of construction
- Sep 1, 2023 Substantial Completion

Notification:

If Council amends the scope of the 2023 MSA Pavement Overlay Improvements to include the Rivenwick 3rd and Rivenwick Village subdivisions, letters will be mailed to property owners with updates on the project status. Engineering Staff maintains City Improvement webpages with the most current project information, which will also be updated.

Observations/Alternatives:

Observations:

Rivenwick Village includes two existing pedestrian ramps not up to current ADA standards which require additional topographic survey. Staff proposes to complete the additional topographic survey required to reconstruct the pedestrian ramps to current ADA standards in-house.

Staff feels combining these subdivisions with the 2023 MSA Improvements will have an overall cost savings for the City by avoiding potentially 2-3 seasons of pothole patching maintenance. At the same time, this allows maintenance crews to focus their efforts in different neighborhoods.

Alternatives:

Alternative #1 – Motion to adopt Resolution #23-083 amending the scope of Improvement Project #23-06, 2023 MSA Pavement Overlay Improvements to include the streets within the Rivenwick 3rd and Rivenwick Village subdivisions.

Funding Source:

Funding for the improvements within Riverdale Drive right of way is proposed to come from a combination of Municipal State Aid funds and Storm Sewer Utility Funds. Improvements within the Rivenwick 3rd and Rivenwick Village subdivisions is proposed to come from a combination of Pavement Management Funds and Storm Sewer Utility Funds.

CIP Level Estimates:

Subdivision	MSA Funds	PM Funds	Storm Sewer Funds	Total
Riverdale Drive (Ramsey Blvd / Feldspar St)	\$190,625		\$19,063	\$209,688
Rivenwick 3rd		\$61,200	\$6,120	\$67,320
Rivenwick Village		\$102,000	\$10,200	\$112,200
<i>Funding Totals</i>	<i>\$190,625</i>	<i>\$163,200</i>	<i>\$35,383</i>	<i>\$389,208</i>

Recommendation:

Staff recommends adopting Resolution #23-083 amending the scope of Improvement Project #23-06, 2023 MSA Pavement Overlay Improvements to include the streets within the Rivenwick 3rd and Rivenwick Village subdivisions.

On April 18, 2023, the Public Works Committee recommended City Council approval of adopting Resolution #23-083 amending the scope of Improvement Project #23-06, 2023 MSA Pavement Overlay Improvements to include the streets within the Rivenwick 3rd and Rivenwick Village subdivisions.

Action:

Adopt Resolution #23-083 amending the scope of Improvement Project #23-06, 2023 MSA Pavement Overlay Improvements to include the streets within the Rivenwick 3rd and Rivenwick Village subdivisions.

Res 23-083

23-06 Project Scope - Revised

23-06 Street Summary - Revised

Form Review

Inbox

Bruce Westby

Brian Hagen

Form Started By: Joe Feriancek

Final Approval Date: 04/20/2023

Reviewed By

Bruce Westby

Brian Hagen

Date

04/20/2023 11:21 AM

04/20/2023 12:49 PM

Started On: 04/17/2023 02:01 PM

Public Works Committee

5.3.

Meeting Date: 06/20/2023

Submitted For: Joe Feriancek, Engineering/Public Works

By: Joe Feriancek, Engineering/Public Works

Title:

Consider Recommending City Council Approving Plans and Specifications and Authorizing Advertisement for Bids for Whispering Pines Estates Plat 3 Street Reconstructions, Improvement Project #23-10

Purpose/Background:

Purpose:

The purpose of this case is to consider recommending City Council approving plans and specifications and authorizing advertisement for bids for Whispering Pines Estates Plat 3 Street Reconstructions, Improvement Project #23-10.

Background:

City Improvement Project #23-10 proposes to reconstruct the streets within the Whispering Pines Estates Plat 3 subdivision, generally located west of Armstrong Boulevard between 157th Lane and 158th Lane. The streets are 24 feet wide rural section, totaling 1.72 miles in length. A street segment summary is attached to this case for reference.

Project History

- 2023 – 2032 Capital Improvement Program – listed as street reconstruction for 2023
- November 7, 2022 City Council accepted proposals for geotechnical report and topographic survey with Resolution #22-251
- November 15, 2022 Public Works Committee recommended City Council order plans and specifications
- December 13, 2022 City Council ordered plans and specifications with Resolution #22-289

Pavement History

The streets within the subdivision were built in 1979. Pavement maintenance has included an initial round of crack seal / seal coat improvements in 1985. An overlay was performed in 1994, followed by crack seal / seal coat improvements in 2001. Maintenance crews have performed patching over the last several years. The last PASER values taken in 2021 were 2 for most street segments.

Ground Penetrating Radar (GPR) was performed on the street segments. Bituminous pavement thickness averages were between 3.4 and 3.7 inches, aggregate base thickness averages varied between 2.6 and 4.8 inches. The GPR summary is included in the attached street segment summary.

Proposed Improvements

Staff review of the geotechnical report found a mix of poorly graded sand and poorly graded sand with silt. The sandy materials are well suited for pavement support and are considered non-frost susceptible and are also free draining materials. The project proposes to use the reclamation rehabilitation process. This process will include reclamation of the existing street and aggregate base, removal of excess reclaim material, and placement of 2.5 inches of new bituminous pavement, generally back to existing grade. The reclamation rehabilitation process includes matching into the existing grades at the edge of pavement, and avoids driveway replacements, and causes minimal disturbance to the boulevards.

Drainage Improvements

The project proposes to replace the existing street crossing culverts with new concrete culverts. Generally matching the same grade and locations.

During project design, Staff noted that several driveways within the subdivision do not have culverts. In essence, the ditch between these driveways do not have an outlet. Staff estimates approximately 4,650 lineal feet of ditches would require re-grading, as well as installation of 31 driveway culverts. Staff estimates it would cost approximately \$200,000 to re-grade the drainage ditches along the roadway, which currently don't outlet. Because of the fast draining soils found in the project area, Staff believes stormwater runoff infiltrates within the ditches before overtopping driveways. Additionally, Staff is not aware of resident complaints in relation to drainage of the roadway ditches within the subdivision. Staff is recommending to not include additional drainage ditch improvements as part of this project, since it appears the water infiltrates before causing hazards for the residents. If it is determined that a drainage improvement project is necessary in the future, this work could be performed as a stand-alone project. Because the ditch work is generally different from the scope of the roadway project, additional project savings by combining improvements would be minimal. An exhibit is attached showing the drainage concern areas.

Preliminary Schedule Remaining

- Council approves plans and specifications / authorizes ad for bids
 - June 27, 2023
- Staff receives bids
 - July 21, 2023
- Council awards contract to the lowest responsible bidder
 - July 25, 2023
- Contractor begins construction
 - August 2023
- Contractor substantially completes construction
 - September 29, 2023
- Contractor final completion (verify final restoration, punch list created)
 - October 13, 2023

Final plans are not attached to this case to prevent potential bidders from downloading plans attached to the case to prepare and submit their bids, rather than purchasing the plans through QuestCDN, the electronic bidding software used by the City of Ramsey. This ensures all bidders are bidding off the same set of plans, and all bidders are notified of any plan revisions (addenda) issued during the bidding process. Attached is the title sheet showing the scope of the improvements, as well as a plan sheet showing the typical section, which includes information on the proposed pavement section. Plans are available upon request for the City Engineer.

Timeframe:

Staff estimates up to 10 minutes will be needed to present this case and respond to questions.

Observations/Alternatives:

Alternatives:

Alternative #1, motion recommending City Council approving plans and specifications and authorizing advertisement for bids for Whispering Pines Estates Plat 3 Street Reconstructions, Improvement Project #23-10.

Alternative #2, motion of other.

Funding Source:

Funding for this improvement is proposed to come from Pavement Management Funds and Stormwater Utility Funds.

Staff has completed an estimate based on the final plans and anticipated 2023 construction costs, with a total estimated project cost of \$721,855.54, which includes 23-percent indirect costs for administrative, engineering, finance, and legal costs.

- Street Project Costs \$624,783.94
- Storm Sewer Project Costs \$97,071.60
- *Total Estimated Costs* \$721,855.54

Recommendation:

Staff recommends alternative #1.

Action:

Motion recommending City Council approving plans and specifications and authorizing advertisement for bids for Whispering Pines Estates Plat 3 Street Reconstructions, Improvement Project #23-10.

Attachments

- 23-10 Street Summary
- 23-10 Ditch Concerns
- 23-10 Title Sheet
- 23-10 Typical Section

Form Review

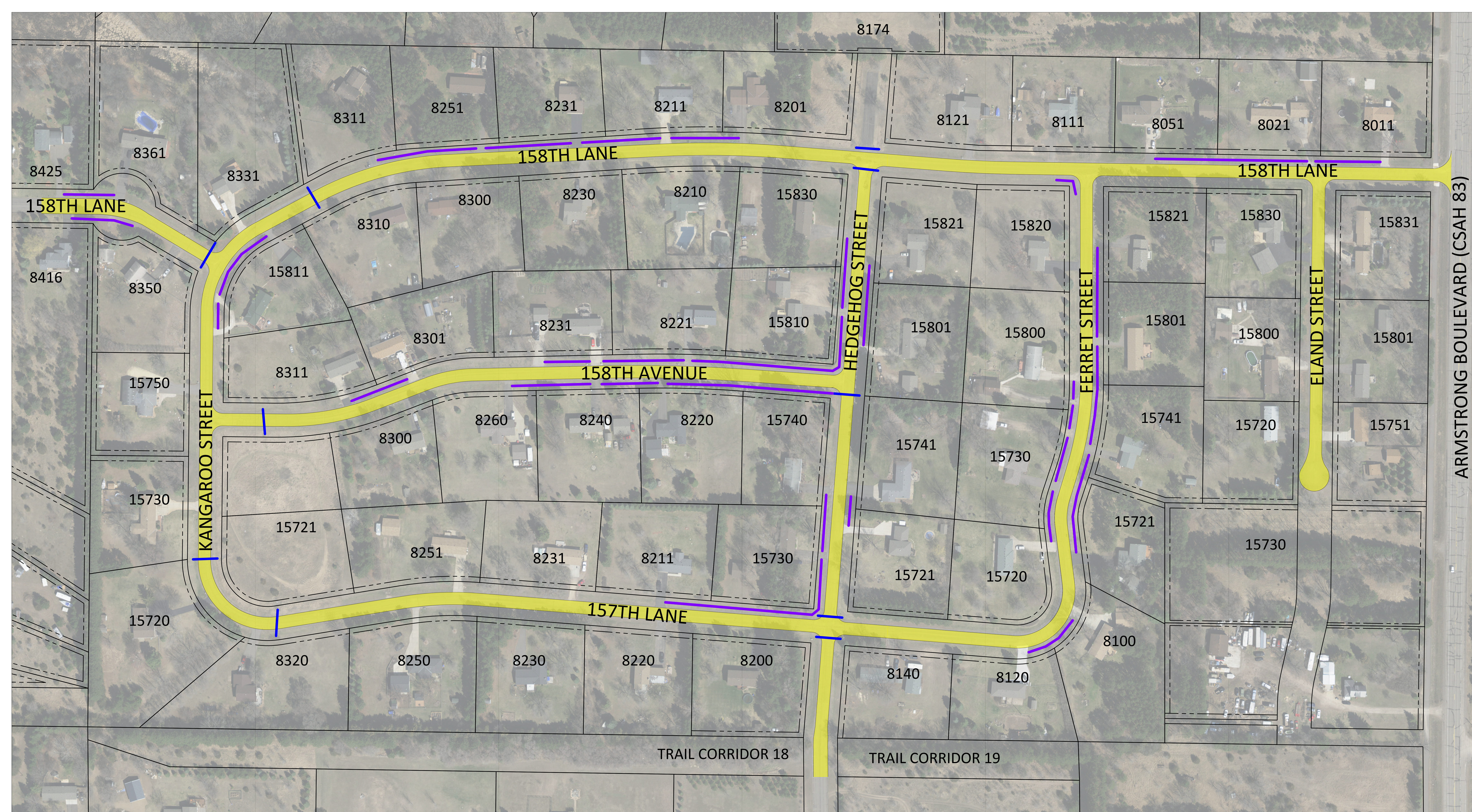
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Bruce Westby	Bruce Westby	06/15/2023 01:39 PM
Brian Hagen	Brian Hagen	06/15/2023 04:11 PM
Form Started By: Joe Feriancek		Started On: 06/12/2023 09:59 AM
Final Approval Date: 06/15/2023		

**IP 23-10 Whispering Pines Plat 3
Street Segment Summary**

Street Description				Street History							GPR Summary		
Street	Segment Description	Length (feet)	Section (Urban / Rural)	2021 PASER	Year Built	Maint. 1	Maint. 2	Maint. 3	Maint. 4	Maint. 5	Avg HMA (inches)	Avg Agg. Base (inches)	Avg Section (inches)
157th Lane	SW PC Kangaroo St & 157th Ln / SE PC Ferret St & 157th Ln	1630	Rural	3	1979	SC 1985	OL 1994	SC 2001			3.5	3.8	7.3
158th Avenue	Kangaroo St / Hedgehog St	1261	Rural	2	1979	SC 1985	OL 1994	SC 2001			3.6	3.3	6.9
158th Lane	Armstrong Blvd / W EOP	2718	Rural	2	1979	SC 1985	OL 1994	SC 2001			3.7	3.5	7.2
Eland Street	158th Ln / S EOP	613	Rural	2	1979	SC 1985	OL 1994	SC 2001			3.5	4.8	8.3
Ferret Street	NE PC Ferret St & 157th Ln / 158th Ln	901	Rural	2	1979	SC 1985	OL 1994	SC 2001			3.7	2.7	6.4
Hedgehog Street	S EOP / N EOP	1297	Rural	3	1979	SC 1985	OL 1994	SC 2001			3.4	2.6	6.0
Kangaroo Street	NW PC Kangaroo St & 157th Ln / 158th Ln	684	Rural	2	1979	SC 1985	OL 1994	SC 2001			3.7	3.6	7.3
Total Length		9,104	1.72 mi.										

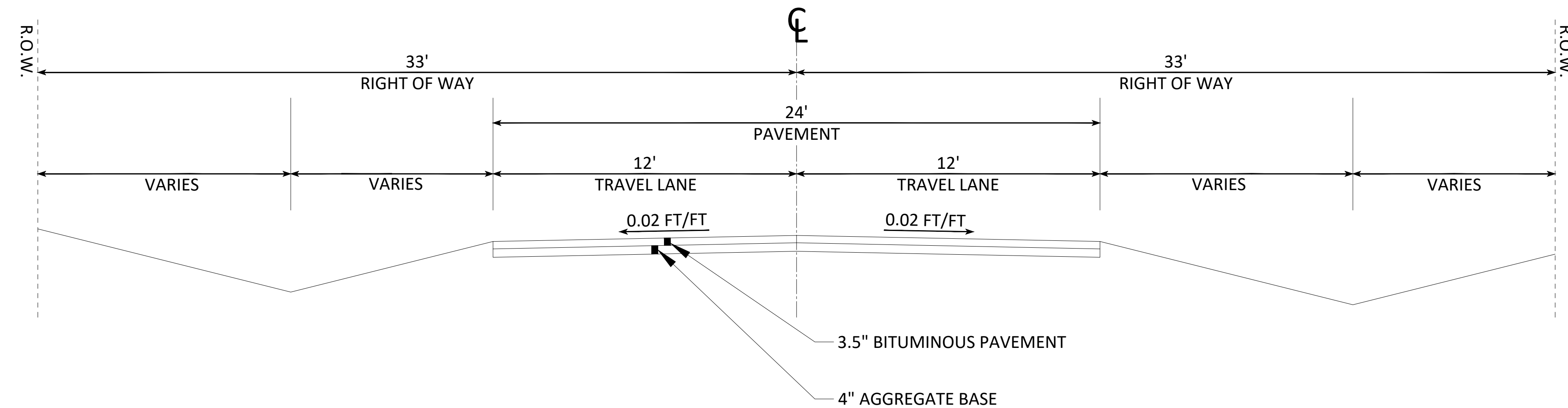
* GPR not able to detect Agg. Base

** Estimated Depths, GPR not available

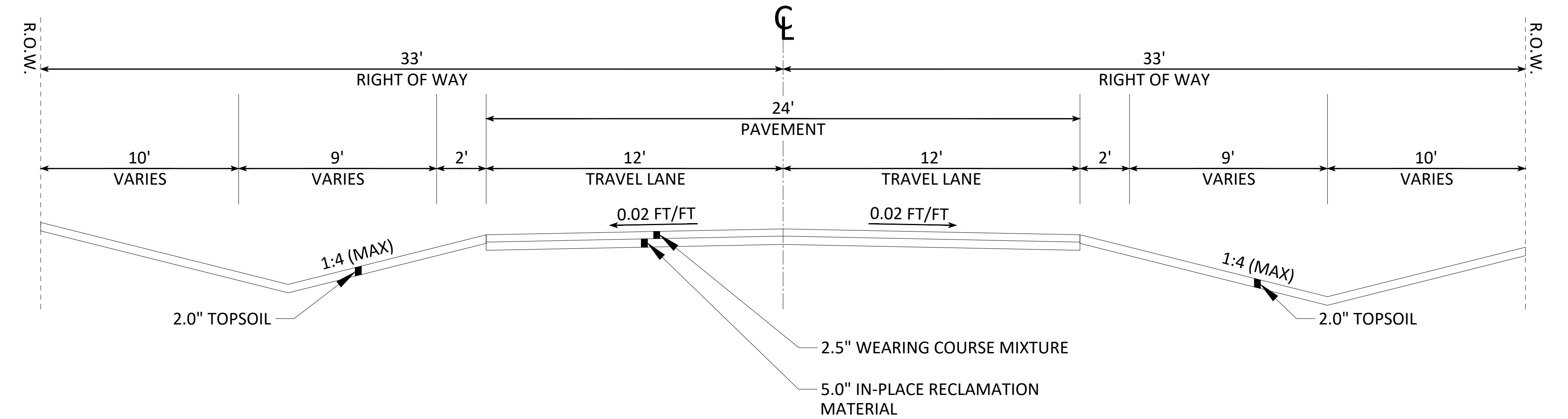


- LEGEND**
- ROADWAY PAVEMENT
 - DITCH W/OUT OUTLET
 - STREET CULVERT

EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



CITY OF RAMSEY

WHISPERING PINES ESTATES PLAT 3 STREET RECONSTRUCTION

CITY IMPROVEMENT PROJECT NO. 23-10

GOVERNING SPECIFICATIONS

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SHEET INDEX

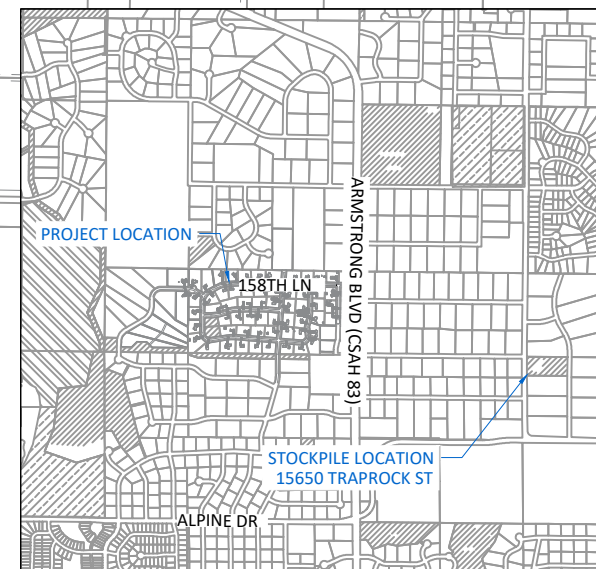
THIS PLAN CONTAINS 56 SHEETS

SHEET No. DESCRIPTION

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02	STATEMENT OF ESTIMATED QUANTITIES
03	ALIGNMENT LAYOUT
04	TYPICAL SECTION
05	CITY DETAILS
06-07	SWPPP
08-14	EROSION CONTROL
15-21	REMOVALS
22-34	STREET IMPROVEMENTS
35-56	CROSS SECTIONS

LEGEND

	SANITARY MANHOLE		Easement - Drainage & Utility
	STORM SEWER MANHOLE		Easement - Northern Natural Gas
	CATCH BASIN MANHOLE		Easement - Roadway
	CATCH BASIN		LOT LINE
	CATCH BASIN - GROUT		ELECTRIC LINE
	CATCH BASIN - RESET		ELECTRIC LINE - BURIED
	FLARED END SECTION		ELECTRIC LINE - OVERHEAD
	CULVERT END SECTION		GAS LINE
	HYDRANT		TELECOMMUNICATION LINE
	VALVE		TELECOMM - OVERHEAD
	TREE - CONIFEROUS		FIBER OPTIC LINE
	TREE - DECIDUOUS		TREE LINE
	SHRUB		LANDSCAPE
	LIGHT POLE		RETAINING WALL
	SIGN		FENCE
	MAILBOX		SILT FENCE
	PEDESTAL - TELECOM		FLOTATION SILT CURTAIN
	PEDESTAL - ELECTRIC		WATERMAIN
	HAND HOLE		SANITARY SEWER
	DRIVE - BITUMINOUS		STORM SEWER
	DRIVE - CONCRETE		DRAIN TILE
	DRIVE - GRAVEL		LANDSCAPE - ROCK
	CONCRETE WALK		LANDSCAPE - MULCH
	BITUMINOUS TRAIL		LANDSCAPE - RIP RAP
	REMOVE BIT PAVE		PR. DRIVE - BITUMINOUS
	REMOVE CONCRETE PAVE		PR. DRIVE - CONCRETE
	REMOVE GRAVEL SURFACE		PR. DRIVE - GRAVEL
	MILL BIT PAVEMENT		PR. CONCRETE WALK
	RECLAIM BIT PAVEMENT		PR. CONCRETE
	CONSTRUCTION EXIT		PR. SEEDING AREA
	RIPRAP CLASSIII		

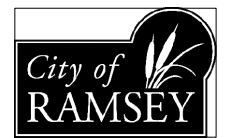
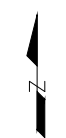
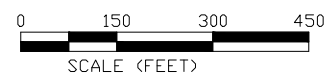


I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.


 JOE FERIANCEK, P.E. 57095 DATE 06/14/23
 ASSISTANT CITY ENGINEER LIC. NO.

DATE	REVISION

Jun 13, 2023 12:58pm G:\Engineering\AutoCad Dwg\Projects N-Z\Whispering Pines Estates Plat 3 Recon. 23-10\Plan Drawings\23-10 TITLE SHEET.dwg

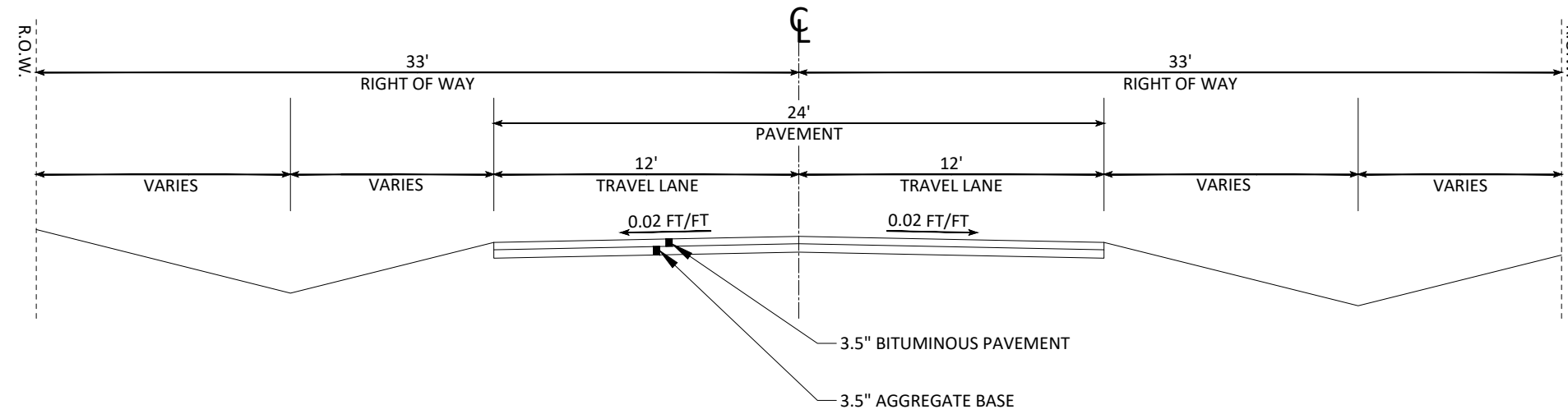


CITY OF RAMSEY
 7550 SUNWOOD DRIVE
 RAMSEY, MN 55303
 (763) 427-1410 FAX (763) 433-9898

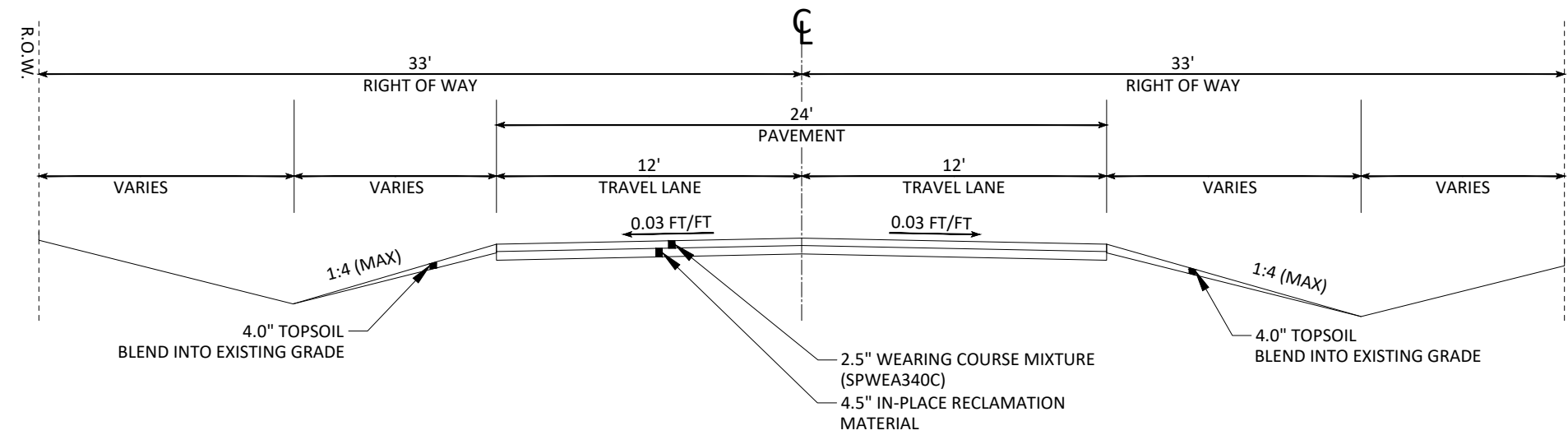
THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL 1-800-252-1166 OR 651-454-0002

EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION



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 Farnsworth
 ENGINEER'S NAME
 Date 06/14/23 Lic. No. 57095

DESIGNED BY:	LWC	DATE:	06/14/23
DRAWN BY:	LWC	FILE:	23-10
CHECKED BY:	JJF		

CITY OF RAMSEY
 7550 SUNWOOD DRIVE
 RAMSEY, MN 55303
 (763) 427-1410 FAX (763) 433-9898

23-10 TYPICAL SECTION

WHISPERING PINES ESTATES PLAT 3 STREET
 RECONSTRUCTION
 CITY PROJECT NO. 23-10
 CITY OF RAMSEY, MINNESOTA

Public Works Committee

5. 4.

Meeting Date: 06/20/2023

Submitted For: Joe Feriancek, Engineering/Public Works

By: Joe Feriancek, Engineering/Public Works

Title:

Recommendation for spending remaining 2023 budgeted pavement maintenance funds

Purpose/Background:

Purpose:

The purpose of this case is to consider how best to spend remaining 2023 budgeted funds for pavement maintenance.

Background:

A total of 18.36 miles of public street segments was proposed to receive crack seal improvements in 2023. The project was awarded to Northwest Asphalt & Maintenance for a total construction cost of \$176,279.90, considering 5-percent indirect costs, the total project costs were estimated at \$185,093.90.

The project has since been complete, coming in under budget at \$158,157.50, project costs \$166,065.38. This leaves an additional \$33,934.62 of the budgeted \$200,000.00 remaining unspent.

On March 28, 2023 City Council accepted the proposal for Pavement Rejuvenation from Corrective Asphalt Maintenance to apply Reclamite to 87,580 square yards of Municipal State Aid (MSA) streets for a total cost of \$93,710.60. Only MSA streets were included in the project scope due to the size of the 2023 crack seal improvements, which Staff estimated to exceed the \$200,000 budget prior to bidding.

Timeframe:

Staff anticipates up to 10 minutes will be required for discussion.

Observations/Alternatives:

Observations:

In the past, Corrective Asphalt Maintenance (CAM) has been flexible with the City to add and/or remove street segments to their quote based on available funding. At the quoted \$1.07/SY rate, the remaining funds would allow approximately 30,204 square yards of residential subdivision streets to be added to the pavement rejuvenator project. This equates to approximately 1.86 miles of typical residential streets. It should also be noted that Staff has not had the discussion with CAM, and has not confirmed the \$1.07/SY rate would be honored for additional work, though this has been CAM's practice in the past.

The adopted 2023 budget included \$375,000 to temporarily repair the bituminous pavement on numerous public street segments, with an additional \$375,000 reserved for temporary pavement repairs in 2024. To date, the 2023 critical mill and overlay improvements are proposed to use \$310,671.88 of these budgeted funds and the 2023 Priority Pothole Patching Contracted Services an additional \$139,269.00 of these budgeted funds. Additional deep pothole patching and spray patching projects are being sent back out for bid, which will far exceed the 2023 budgeted funds.

Alternative:

Alternative #1 – Motion to recommend remaining 2023 budgeted crack seal funds be directed to Improvement Project #23-09, 2023 Pavement Rejuvenation Improvements.

Alternative #2 – Motion to recommend remaining 2023 budgeted crack seal funds be directed to 2023 temporary

pavement repair projects.

Alternative #3 – Motion of other.

Funding Source:

2023 budgeted funds for pavement maintenance, including crack seal and pavement rejuvenation improvements.

Recommendation:

Action:

Attachments

No file(s) attached.

Form Review

Inbox

Bruce Westby

Brian Hagen

Form Started By: Joe Feriancek

Final Approval Date: 06/15/2023

Reviewed By

Bruce Westby

Brian Hagen

Date

06/15/2023 01:26 PM

06/15/2023 04:11 PM

Started On: 06/12/2023 09:44 AM

Public Works Committee

6. 1.

Meeting Date: 06/20/2023

By: Bruce Westby, Engineering/Public Works

Title:

Receive Updates on Improvement Projects, Studies and Items of Interest

Purpose/Background:

The purpose of this case is to update the Public Works Committee on current and proposed City, County and MnDOT improvement projects and studies, and on other items of interest to the Committee.

City Improvement Projects

- **161st Avenue Reconstruction (IP #23-01)**
 - Construction in progress
 - Staff continues to work with property owners to address concerns
 - On schedule to allow PACT Charter to open on time
- **Central Park Parking Lot Reconstruction (IP #23-02)**
 - Staff is finalizing plans and specifications
 - Fall 2023 construction proposed (after Game Fair)
- **167th Avenue Reconstruction (IP #23-04)**
 - Bolton & Menk is finalizing plans and specifications
 - CC to consider approving plans and authorizing bids June 27th
 - Summer/Fall 2023 construction proposed
- **Barthels Rum River Acres 2nd Reconstruction (IP #23-05)**
 - Preconstruction meeting conducted June 14, 2023
 - Construction to occur Summer/Fall 2023
- **2023 MSA Pavement Overlay Improvements (IP #23-06)**
 - Staff is preparing plans and specifications
 - Summer 2023 construction proposed
- **2023 Neighborhood Pavement Overlay Improvements (IP #23-07)**
 - Construction in progress
- **2023 Crack Seal Improvements (IP #23-08)**
 - Construction is complete
- **2023 Pavement Rejuvenator Improvements (IP #23-09)**
 - Summer 2023 construction proposed
- **Whispering Pines Estates Plat 3 Reconstructions (IP #23-10)**
 - Staff is preparing plans and specifications
 - 2023 construction proposed
- **Trott Brook Crossing Sanitary Sewer Lift Station Improvements (IP #23-11)**
 - Construction in progress
 - Fall 2023 final completion
- **HY-10 Ramsey Improvements (IP #23-12)**
 - Preconstruction meeting conducted June 14, 2023
 - Summer/Fall 2023 construction
- **Highway 47 Sound Wall north of Xkimo Street (IP #22-17)**
 - MnDOT Cooperative Construction Agreement or City to acquire ROW
 - Staff anticipates requesting Council approval to authorize bids Summer 2023
- **WTP Trunk Watermain Improvements (#21-08)**
 - Staff anticipates requesting Council approval to amend SEH, Inc. agreement to revise plans and remove inspections July 2023
 - Staff anticipates requesting Council approval of plans and authorization to re-bid Fall 2023

- **Centralized Water Treatment Plant (#21-09)**
 - Construction in progress
 - Substantial completion scheduled for May 1, 2025
 - Final completion scheduled for August 1, 2025
- **Ramsey Gateway Highway 10 Improvements (IP #20-11)**
 - Construction schedule; June 2023 through early 2026 (2024 - 2025 majority)
 - Riverdale Drive east of SLB & temp US 10 widening Summer/Fall 2023
- **Riverdale Drive Extension – Llama Street to Bowers Drive (IP #20-05)**
 - Construction is complete
 - Punch list work in progress
- **Wetland 114P Outlet Control Improvements (#19-07)**
 - Construction is complete
 - Punch list work in progress

City of Anoka Improvement Projects

- **Highway 47 Corridor Improvements**
 - 3-lane design proposed south of Bunker Lake Boulevard
 - City just received regional solicitation funds for 2027 construction
 - Signal system at McKinley Street is proposed to be permanent
 - Anoka webpage <https://clients.bolton-menk.com/anokahwy47/>

Anoka County Improvement Projects

- **Roundabout at Armstrong Boulevard/CSAH 83 and Alpine Drive (IP #23-03)**
 - Construction in progress
 - Armstrong Boulevard will remain open to traffic at all times
 - Alpine Drive is closed to traffic either side of Armstrong Boulevard.
 - Construction complete Fall 2023

MnDOT Improvement Projects

- **Anoka Solution Highway 10 Improvements**
 - Substantial completion November 2023
 - Final completion Spring 2024
 - Anoka webpage <https://clients.bolton-menk.com/hwy10/>
 - MnDOT webpage <http://www.dot.state.mn.us/metro/projects/hwy10-anoka/>
- **US 10 / 169 & Ferry Street / TH 47 Interchange**
 - Final completion Spring 2024
 - MnDOT webpage <http://www.dot.state.mn.us/metro/projects/hwy10-anoka/>
- **Ferry Street / Trunk Highway 47 Grade Separation @ BNSF Rail Crossing**
 - Preliminary design suspended; exploring S-curve realignment and stormwater impacts
 - \$45M in bonds authorized October 2020
 - Construction proposed for 2024 or later
 - MnDOT webpage <http://www.dot.state.mn.us/metro/projects/hwy47rr-anoka/>
- **Rum River Bridge Replacement**
 - Three lanes each direction
 - Final completion Spring 2024
 - MnDOT webpage <http://www.dot.state.mn.us/metro/projects/hwy10-anoka/>

Studies & Items of Interest

- **Sunfish Lake Sedimentation Basin Improvements**
 - Property owner indicated interest in filling swale and grading sedimentation basin
 - Staff delineated rear property line last Fall and notified property owner
 - Staff continues working to contact property owner

- **Elk River Highway 10 Corridor Study**

- Staff will present final report when available (October 2023?)
- Study website <https://www.highway10corridorstudy.com/>

Timeframe:

Staff estimates up to 10 minutes will be needed for updates and discussion.

Observations/Alternatives:

N/A

Funding Source:

N/A

Recommendation:

N/A

Action:

No formal action required. For Committee review and discussion purposes only.

Attachments

No file(s) attached.

Form Review

Inbox

Brian Hagen

Form Started By: Bruce Westby

Final Approval Date: 06/15/2023

Reviewed By

Brian Hagen

Date

06/15/2023 04:12 PM

Started On: 06/15/2023 09:16 AM

Public Works Committee

6. 2.

Meeting Date: 06/20/2023

By: Bruce Westby, Engineering/Public Works

Title:

Review Future Topics Calendar

Purpose/Background:

Attached is a calendar of future topics for review and discussion by the Public Works Committee. The calendar includes topics drawn from Committee requests received during meetings and/or unresolved topics previously discussed by the Committee. Calendar dates are subject to change based on the availability of information and required attendees, staff workload, and competing interests and objectives.

Timeframe:

Less than 5 minutes is anticipated to be necessary to review the future topics calendar and address questions.

Observations/Alternatives:

Dependent on discussion.

Funding Source:

Dependent on discussion.

Recommendation:

Staff recommends reviewing the attached calendar and to either approve the calendar by consensus or to direct Staff to revise the calendar as follows; _____.

Action:

No formal action required. For Committee review and discussion purposes only.

Attachments

PWC Calendar Jun2023

Form Review

Inbox

Brian Hagen

Form Started By: Bruce Westby

Final Approval Date: 06/15/2023

Reviewed By

Brian Hagen

Date

06/15/2023 04:12 PM

Started On: 06/15/2023 09:16 AM

Public Works Committee Future Topics Calendar *

Date	Topics for Discussion – Committee Action
July 2023	Sunfish Lake Sedimentation Basin Improvements (<i>Westby</i>)
Future/TBD	Sunwood Drive Roundabout Landscaping (<i>Riverblood</i>)
Date	Topics for Discussion – Regulatory
Future/TBD	Sunfish Lake Blvd./CSAH 57 Speed Study Results (<i>Westby</i>)
Future/TBD	Bunker Lake Blvd./CSAH 116 Speed Study Results (<i>Westby</i>)
Date	Topics for Discussion – Policy
Future/TBD	Landscaped Median Maintenance Policy (<i>Riverblood</i>)
July 2023	Draft Trail Maintenance Policy (<i>Riverblood</i>)
July 2023	Draft Stormwater Pond Maintenance Policy (<i>Westby</i>)
Date	Topics for Discussion – Planning and Budget
September 2023	Asset Management Programming Update (<i>Westby</i>)
Future/TBD	Replace City monument sign TH 47 & Bunker Lk Blvd. (<i>Riverblood</i>)
Future/TBD	Targeted Trail Gap Connection Planning (<i>Riverblood</i>)
Date	Topics for Discussion – Staff Updates
August 2023	Elk River Highway 10 Corridor Study (<i>Westby</i>)
Ongoing	Project Review Process Improvements (<i>Westby</i>)
Ongoing	Flashing Yellow Arrow Improvement Opportunities (<i>Westby</i>)
Ongoing	TH 47 Improvements, Bunker Lk Blvd to Hwy 10 (<i>Westby</i>)

* Dates subject to change based on availability of information, required attendees, staff workload, and competing interests and objectives.