

**STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION**

LIMITED USE PERMIT

C.S. 0200 (Anoka County)
C.S. 0206 (T.H. 47)
C.S. 0202 (T.H. 10)
County of Anoka
LUP # 0200-0113
Permittee: City of Ramsey
Expiration Date: 04/15/2035
Coop./Const. Agmt # 79736

In accordance with Minnesota Statutes Section 161.434, the State of Minnesota, through its Commissioner of Transportation, (“MnDOT”), hereby grants a Limited Use Permit (the “LUP”) to City of Ramsey, (“Permittee”), to use the area within the right of way of Trunk Highway No. 47 and 10 as shown in red on Exhibit "A", (the “Area”) attached hereto and incorporated herein by reference. This Limited Use Permit is executed by the Permittee pursuant to resolution, a certified copy of which is attached hereto as Exhibit B.

Non-Motorized Trail

The Permittee's use of the Area is limited to only the constructing, maintaining and operating a nonmotorized trail ("Facility") and the use thereof may be further limited by the Code of Federal Regulations, including, but not limited to 23 C.F.R. 217 also published as the Federal-Aid Policy Guide.

The permittee agrees that this permit totally replaces and supersedes the previously issued Limited Use permits affecting the Area, specifically: The first permit, #0202-0030, was issued on 5/18/2016 on CS 0202 (TH 10=003). The second permit, # 0206-018, was issued on 9/6/2005 on CS 0206 (TH 47=110). The third permit, # 0206-0028, was issued on 3/7/2017 on CS 0206 (TH 47=110). Upon issuance of this permit each of these earlier issued permits are cancelled.

In addition, the following special provisions shall apply:

SPECIAL PROVISIONS

1. **TERM.** This LUP terminates at 11:59PM on 04/15/2035 (“Expiration Date”) subject to the right of cancellation by MnDOT, with or without cause, by giving the Permittee ninety (90) days written notice of such cancellation. This LUP will not be renewed except as provided below.

Provided this LUP has not expired or terminated, MnDOT may renew this LUP for a period of up to ten (10) years, provided Permittee delivers to MnDOT, not later than ninety (90) days prior to the Expiration Date, a written request to extend the term. Any extension of the LUP term will be under the same terms and conditions in this LUP, provided:

- (a) At the time of renewal, MnDOT will review the Facility and Area to ensure the Facility and Area are compatible with the safe and efficient operation of the highway and the Facility and Area are in good condition and repair. If, in MnDOT's sole determination, modifications and repairs to the Facility and Area are needed, Permittee will perform such work as outlined in writing in an amendment of this LUP; and
- (b) Permittee will provide to MnDOT a certified copy of the resolution from the applicable governmental body authorizing the Permittee's use of the Facility and Area for the additional term.

If Permittee's written request to extend the term is not timely given, the LUP will expire on the Expiration Date.

Permittee hereby voluntarily releases and waives any and all claims and causes of action for damages, costs, expenses, losses, fees and compensation arising from or related to any cancellation or termination of this LUP by MnDOT. Permittee agrees that it will not make or assert any claims for damages, costs, expenses, losses, fees and compensation based upon the existence, cancellation or termination of the LUP. Permittee agrees not to sue or institute any legal action against MnDOT based upon any of the claims released in this paragraph.

2. **REMOVAL.** Upon the Expiration Date or earlier termination, at the Permittee's sole cost and expense Permittee will:

- (a) Remove the Facility and restore the Area to a condition satisfactory to the MnDOT District Engineer; and
- (b) Surrender possession of the Area to MnDOT.

If, without MnDOT's written consent, Permittee continues to occupy the Area after the Expiration Date or earlier termination, Permittee will remain subject to all conditions, provisions, and obligations of this LUP, and further, Permittee will pay all costs and expenses, including attorney's fees, in any action brought by MnDOT to remove the Facility and the Permittee from the Area.

3. **CONSTRUCTION.** The construction, maintenance, and supervision of the Facility shall be at no cost or expense to MnDOT.

Before construction of any kind, the plans for such construction shall be approved in writing by the MnDOT's District Engineer. Approval in writing from MnDOT District Engineer shall be required for any changes from the approved plan.

The Permittee will construct the Facility at the location shown in the attached Exhibit "A", and in accordance with MnDOT-approved plans and specifications. Further, Permittee will construct the Facility using construction procedures compatible with the safe and efficient operation of the highway.

Upon completion of the construction of the Facility, the Permittee shall restore all disturbed slopes and ditches in such manner that drainage, erosion control and aesthetics are perpetuated.

The Permittee shall preserve and protect all utilities located on the lands covered by this LUP at no expense to MnDOT and it shall be the responsibility of the Permittee to call the Gopher State One Call System at 1-800-252-1166 at least 48 hours prior to performing any excavation.

Any crossings of the Facility over the trunk highway shall be perpendicular to the centerline of the highway and shall provide and ensure reasonable and adequate stopping sight distance.

4. MAINTENANCE. Any and all maintenance of the Facility shall be provided by the Permittee at its sole cost and expense, including, but not limited to, plowing and removal of snow and installation and removal of regulatory signs. No signs shall be placed on any MnDOT or other governmental agency sign post within the Area. MnDOT will not mark obstacles for users on trunk highway right of way.
5. USE. Other than as identified and approved by MnDOT, no permanent structures or no advertising devices in any manner, form or size shall be allowed on the Area. No commercial activities shall be allowed to operate upon the Area.

Any use permitted by this LUP shall remain subordinate to the right of MnDOT to use the property for highway and transportation purposes. This LUP does not grant any interest whatsoever in land, nor does it establish a permanent park, recreation area or wildlife or waterfowl refuge. No rights to relocation benefits are established by this LUP.

This LUP is non-exclusive and is granted subject to the rights of others, including, but not limited to public utilities which may occupy the Area.

6. APPLICABLE LAWS. This LUP does not release the Permittee from any liability or obligation imposed by federal law, Minnesota Statutes, local ordinances, or other agency regulations relating thereto and any necessary permits relating thereto shall be applied for and obtained by the Permittee.

Permittee at its sole cost and expense, agrees to comply with, and provide and maintain the Area, Facilities in compliance with all applicable laws, rules, ordinances and regulations issued by any federal, state or local political subdivision having jurisdiction and authority in connection with said Area including the Americans with Disabilities Act ("ADA"). If the Area and Facilities

are not in compliance with the ADA or other applicable laws MnDOT may enter the Area and perform such obligation without liability to Permittee for any loss or damage to Permittee thereby incurred, and Permittee shall reimburse MnDOT for the cost thereof, plus 10% of such cost for overhead and supervision within 30 days of receipt of MnDOT's invoice.

7. **CIVIL RIGHTS.** The Permittee for itself, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree that in the event improvements are constructed, maintained, or otherwise operated on the Property described in this Limited Use Permit for a purpose for which a MnDOT activity, facility, or program is extended or for another purpose involving the provision of similar services or benefits, the Permittee will maintain and operate such improvements and services in compliance with all requirements imposed by the Acts and Regulations relative to nondiscrimination in federally-assisted programs of the United States Department of Transportation, Federal Highway Administration, (as may be amended) such that no person on the grounds of race, color, national origin, sex, age, disability, income-level, or limited English proficiency will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said improvements.
8. **SAFETY.** MnDOT shall retain the right to limit and/or restrict any activity, including the parking of vehicles and assemblage of Facility users, on the highway right of way over which this LUP is granted, so as to maintain the safety of both the motoring public and Facility users.
9. **ASSIGNMENT.** No assignment of this LUP is allowed.
10. **IN WRITING.** Except for those which are set forth in this LUP, no representations, warranties, or agreements have been made by MnDOT or Permittee to one another with respect to this LUP.
11. **ENVIRONMENTAL.** The Permittee shall not dispose of any materials regulated by any governmental or regulatory agency onto the ground, or into any body of water, or into any container on the State's right of way. In the event of spillage of regulated materials, the Permittee shall notify in writing MnDOT's District Engineer and shall provide for cleanup of the spilled material and of materials contaminated by the spillage in accordance with all applicable federal, state and local laws and regulations, at the sole expense of the Permittee.
12. **MECHANIC'S LIENS.** The Permittee (for itself, its contractors, subcontractors, its materialmen, and all other persons acting for, through or under it or any of them), covenants that no laborers', mechanics', or materialmens' liens or other liens or claims of any kind whatsoever shall be filed or maintained by it or by any subcontractor, materialmen or other person or persons acting for, through or under it or any of them against the work and/or against said lands, for or on account of any work done or materials furnished by it or any of them under any agreement or any amendment or supplement thereto.

13. NOTICES. All notices which may be given, by either party to the other, will be deemed to have been fully given when served personally on MnDOT or Permittee or when made in writing addressed as follows:

to Permittee at:

Mayor
City of Ramsey
7550 Sunwood Drive
Ramsey, MN 55303

and to MnDOT at:

State of Minnesota
Department of Transportation
Metro District Right of Way
1500 W. County Road B2
Roseville, MN 55113

The address to which notices are mailed may be changed by written notice given by either party to the other.

14. **INDEMNIFICATION AND RELEASE.** Permittee shall indemnify, defend to the extent authorized by the Minnesota Attorney General's Office, hold harmless and release the State of Minnesota, its Commissioner of Transportation, employees, the FHWA, and any successors and assigns of the foregoing, from and against all claims, demands, and causes of action for injury to or death of persons or loss of or damage to property (including Permittee's property) occurring on the Area and Facility or arising out of or associated with Permittee's use and occupancy of the Area and Facility, regardless of whether such injury, death, loss, or damage (i) is caused in part by the negligence (but not the gross negligence or willful misconduct) of MnDOT or (ii) is deemed to be the responsibility of MnDOT because of its failure to supervise, inspect, or control the operations of Permittee or otherwise discover or prevent actions or operations of Permittee giving rise to liability to any person. Nothing in this LUP shall obligate Permittee to indemnify or save MnDOT harmless from (a) any gross negligence or willful misconduct of MnDOT or its employees, contractors, agents, or anyone for whom MnDOT is legally responsible, or (b) any claims, demands or causes of action not arising out of or associated with Permittee's occupancy or use of the Area and Facility.

Permittee hereby releases the State of Minnesota, its Commissioner of Transportation, employees, the FHWA, and any successors and assigns of the foregoing, from and against all claims, demands, suits, losses, costs, expenses, and causes of action for loss of or damages to the Area and Facility or to Permittee's property on or about the Area and Facility, except when such loss or damage is caused solely by the negligence of MnDOT or its employees, contractors, agents, or anyone for whom MnDOT is legally responsible.

MnDOT's liability is subject to the Minnesota Tort Claims Act, Minn. Stat. §3.736 and other applicable law.

MINNESOTA DEPARTMENT
OF TRANSPORTATION
RECOMMENDED FOR APPROVAL

CITY OF RAMSEY

By: _____
District Engineer

Date _____

APPROVED BY:
COMMISSIONER OF TRANSPORTATION

By: _____
Director, Office of Land Management

Date _____

By _____

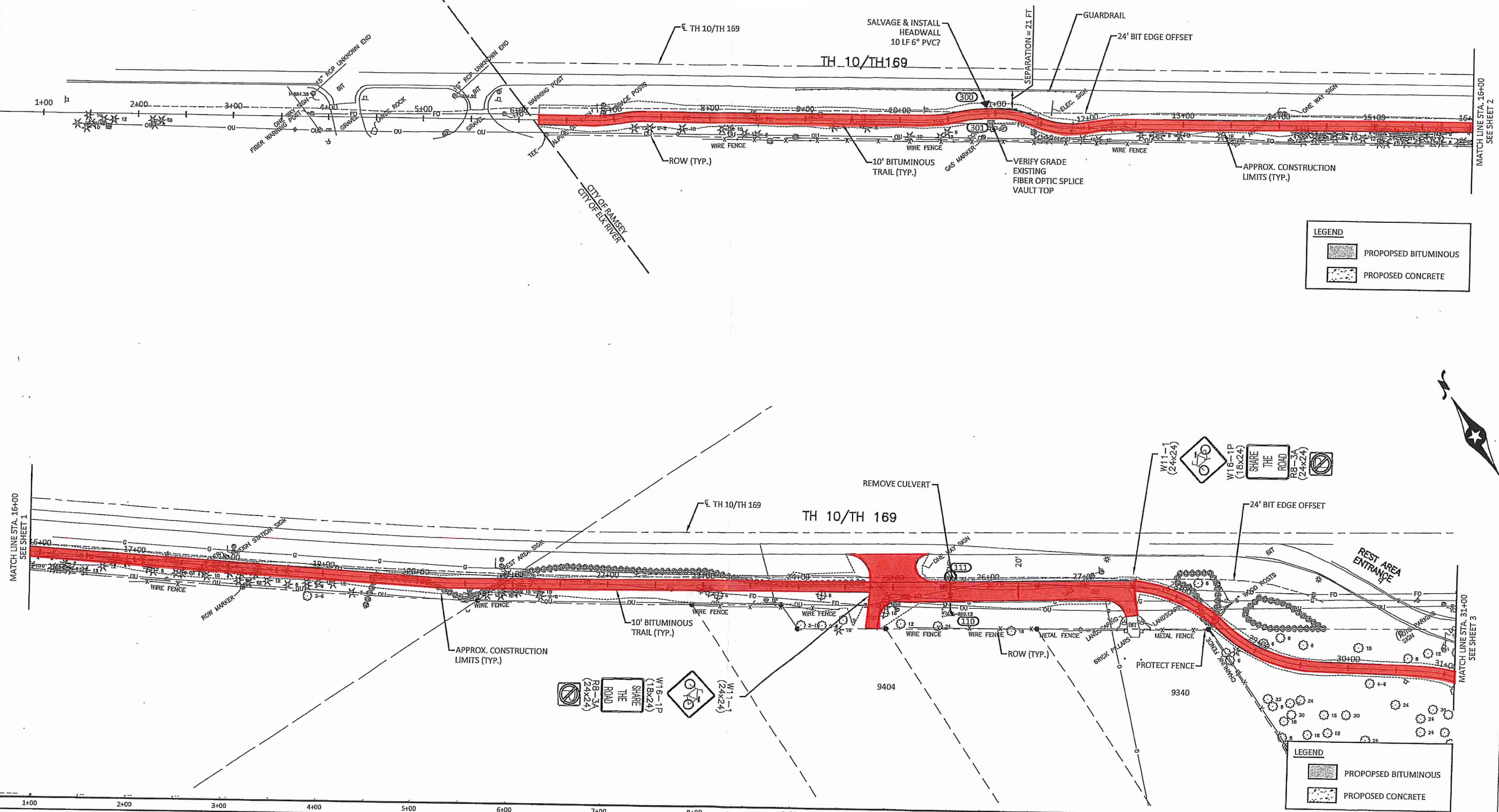
Its _____

And _____

Its _____

The Commissioner of Transportation
by the execution of this permit
certifies that this permit is
necessary in the public interest
and that the use intended is for
public purposes.

LUP 0200-0113, Exhibit A
 Sheet 1 of 13
 TH 10

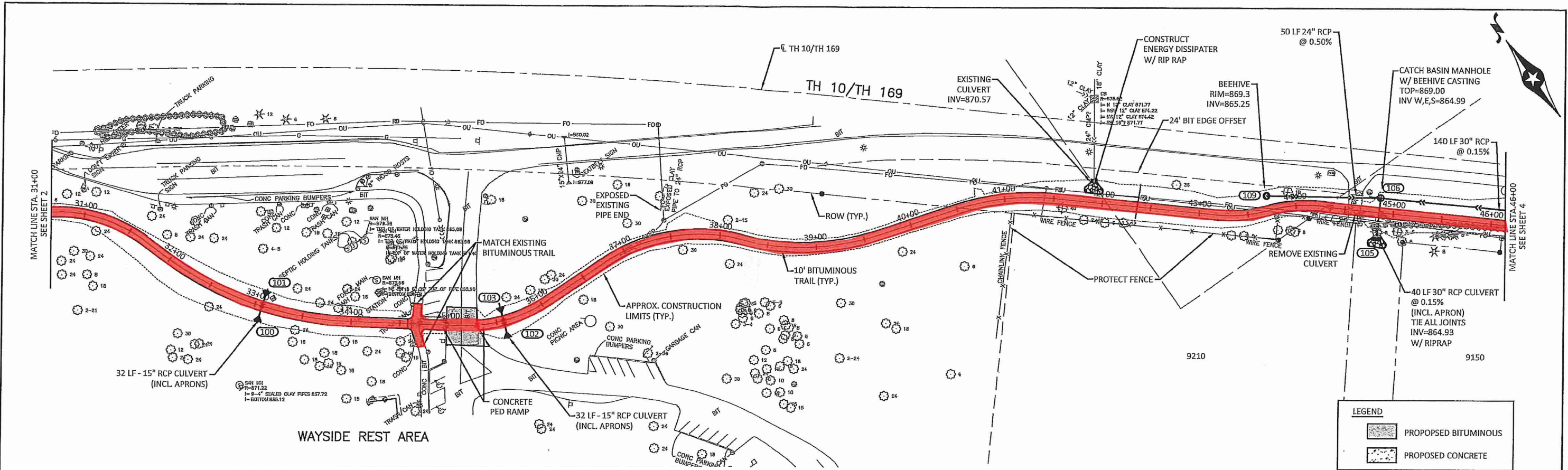


LEGEND

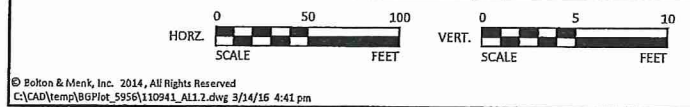
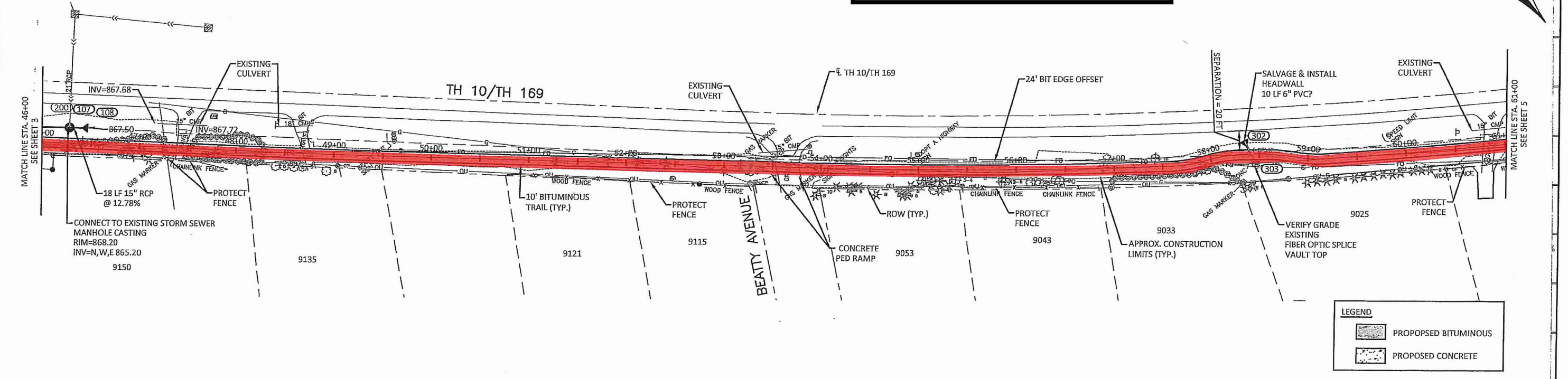
- PROPOSED BITUMINOUS
- PROPOSED CONCRETE

LEGEND

- PROPOSED BITUMINOUS
- PROPOSED CONCRETE



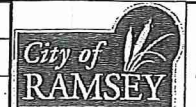
LUP 0200-0113, Exhibit A
 Sheet 2 of 13
 TH 10



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.

KEVIN P. KIELB
 U.C. NO. 29211 DATE XX/XX/2016

DESIGNED: JMB
 DRAWN: JMB
 CHECKED: JWC

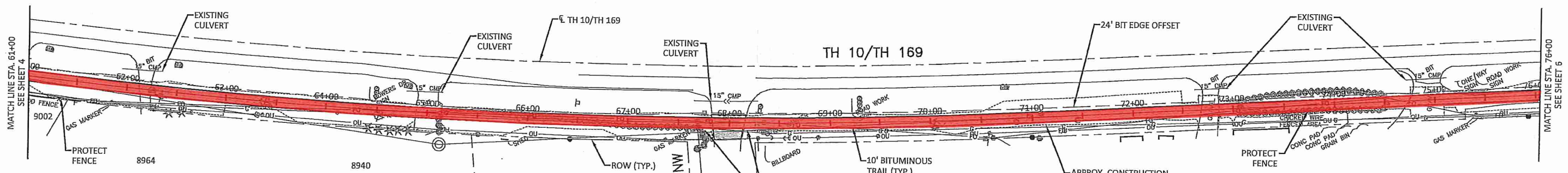


BOLTON & MENK, INC.
 Consulting Engineers & Surveyors
 MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN BURNSVILLE, MN WILLMAR, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BAXTER, MN ROCHESTER, MN
 AMES, IA SPENCER, IA DES MOINES, IA FARGO, ND

REV.	BY	DATE

CITY OF RAMSEY, MINNESOTA
 MISSISSIPPI RIVER TRAIL PHASE III
 CONSTRUCTION PLAN & PROFILE
 S.P. 199-090-002

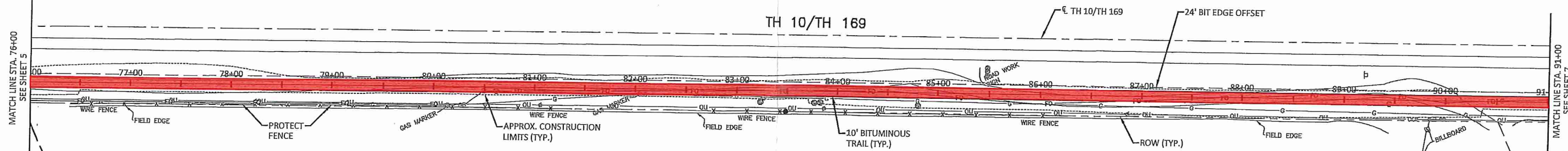
SHEET 3 OF ###



LUP 0200-0113, Exhibit A
 Sheet 3 of 13
 TH 10

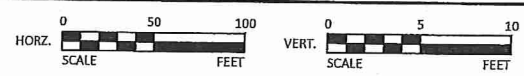
LEGEND

- PROPOSED BITUMINOUS
- PROPOSED CONCRETE



LEGEND

- PROPOSED BITUMINOUS
- PROPOSED CONCRETE



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KEVIN P. KIELB
 LIC. NO. 23211 DATE XX/XX/2016

DESIGNED: JMB
 DRAWN: JMB
 CHECKED: JWC

BOLTON & MENK, INC.
 Consulting Engineers & Surveyors

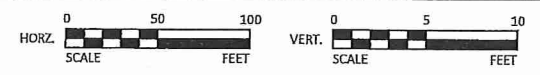
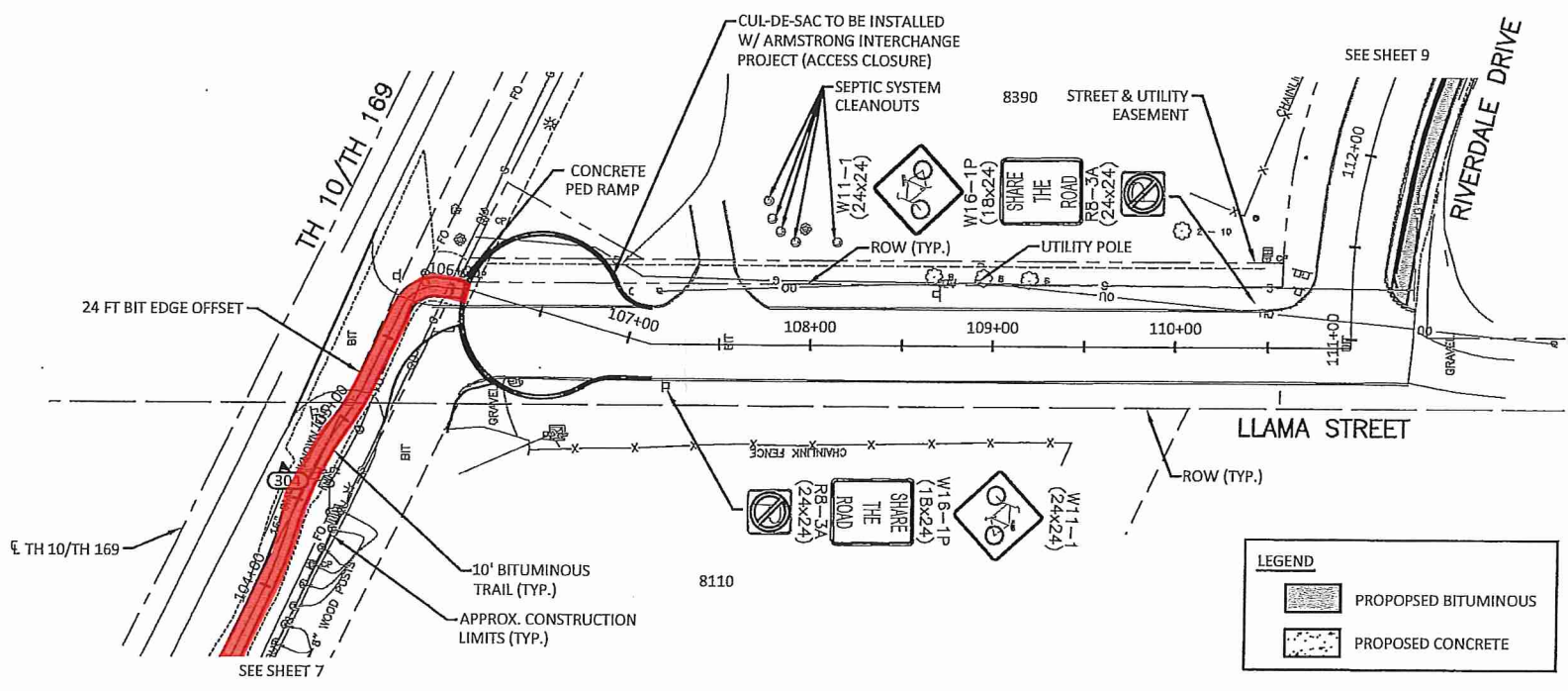
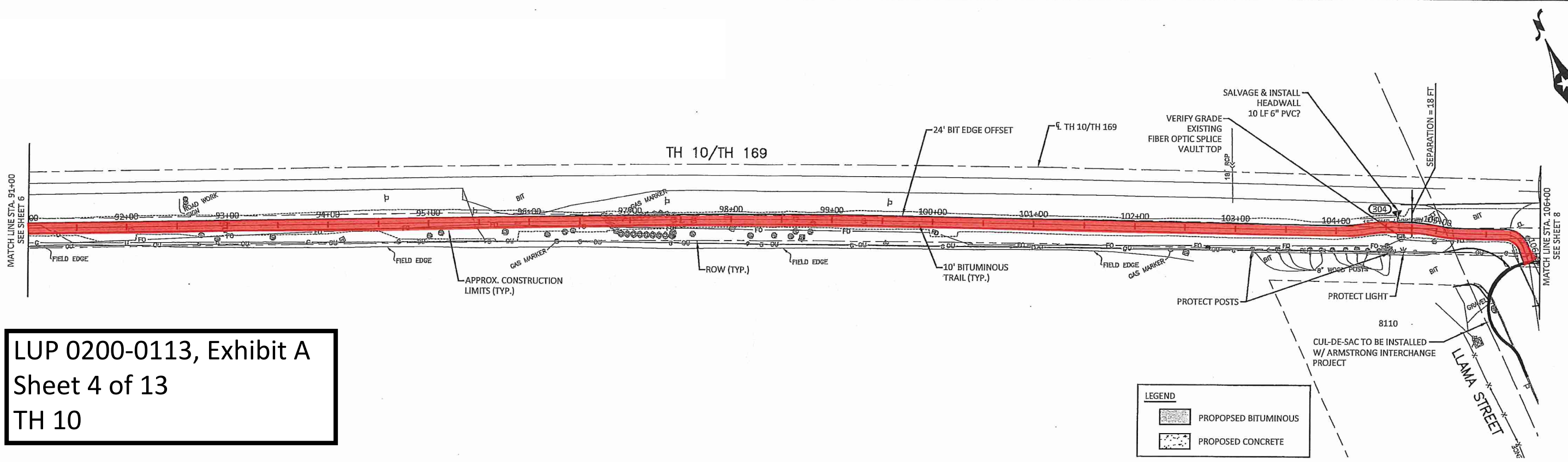
MANKATO, MN FAIRMONT, MN SLEEPY EYE, MN BURNSVILLE, MN WILLMAR, MN
 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BAXTER, MN ROCHESTER, MN
 AMES, IA SPENCER, IA DES MOINES, IA FARGO, ND

REV.	BY	DATE

CITY OF RAMSEY, MINNESOTA
 MISSISSIPPI RIVER TRAIL PHASE III
 CONSTRUCTION PLAN & PROFILE TH 10/TH 169
 S.P. 199-090-002

SHEET 5 OF #####

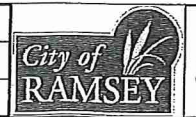
LUP 0200-0113, Exhibit A
 Sheet 4 of 13
 TH 10



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.

DESIGNED: JMB
 DRAWN: JMB
 CHECKED: JWC

KEVIN P. KIELB
 LIC. NO. 23211 DATE XX/XX/2016



BOLTON & MENK, INC.
 Consulting Engineers & Surveyors

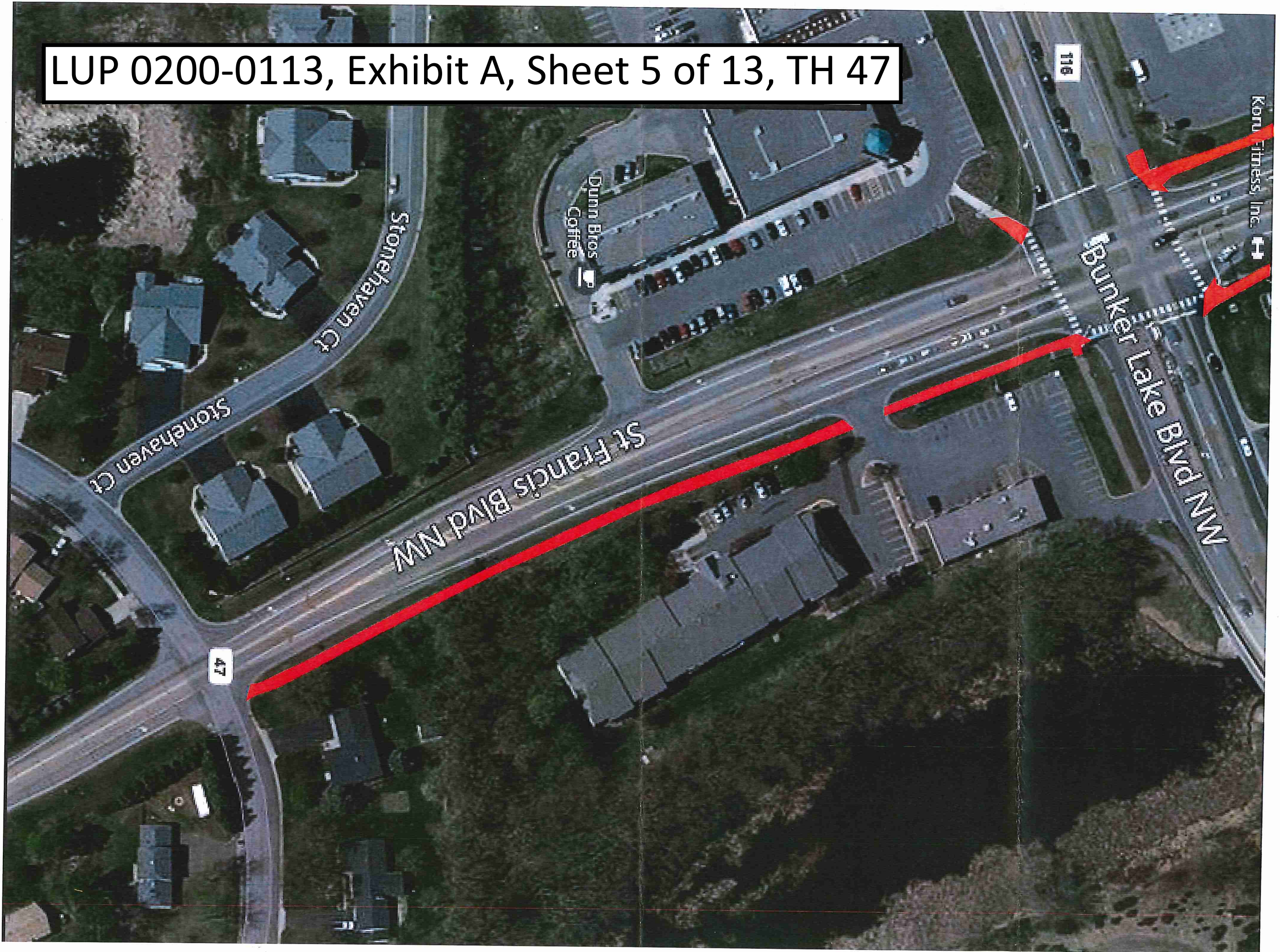
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 CHASKA, MN RAMSEY, MN MAPLEWOOD, MN BAXTER, MN ROCHESTER, MN
 AMES, IA SPENCER, IA DES MOINES, IA FARGO, ND

REV.	BY	DATE

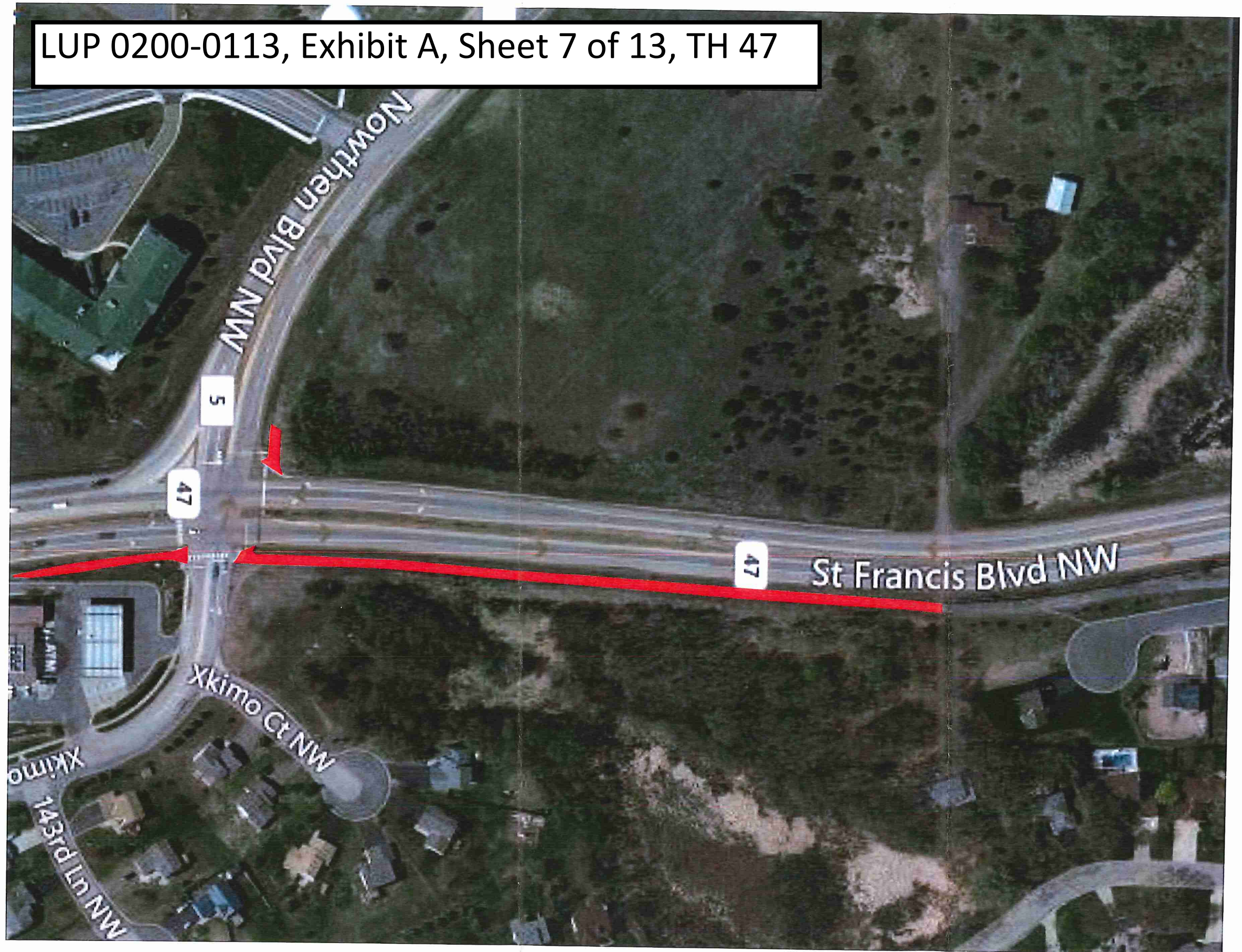
CITY OF RAMSEY, MINNESOTA
 MISSISSIPPI RIVER TRAIL PHASE III
 CONSTRUCTION PLAN & PROFILE TH 10/TH 169
 S.P. 199-090-002

SHEET 7 OF ###
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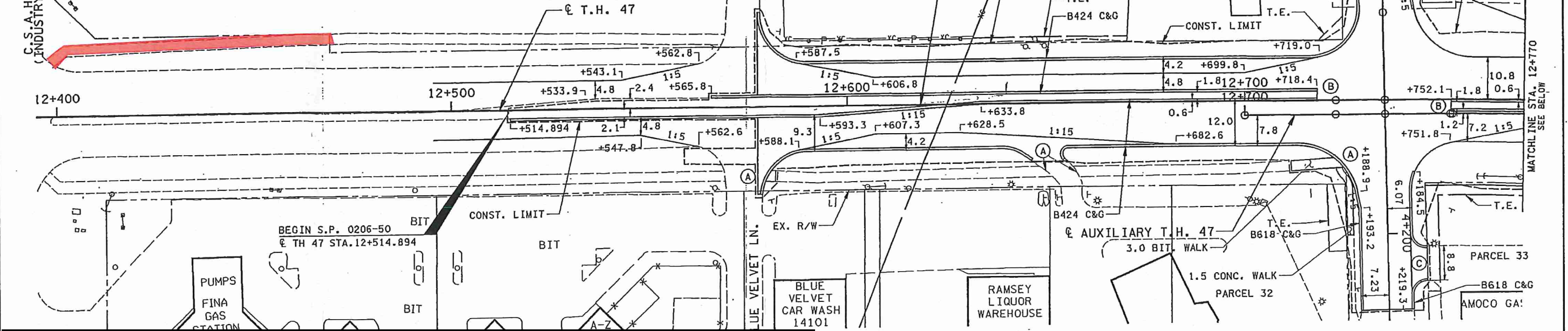
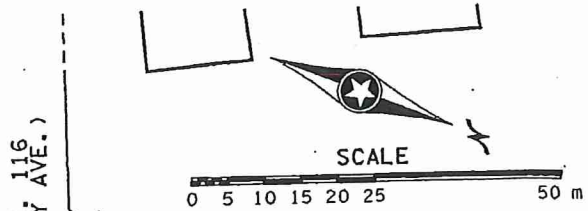
LUP 0200-0113, Exhibit A, Sheet 5 of 13, TH 47



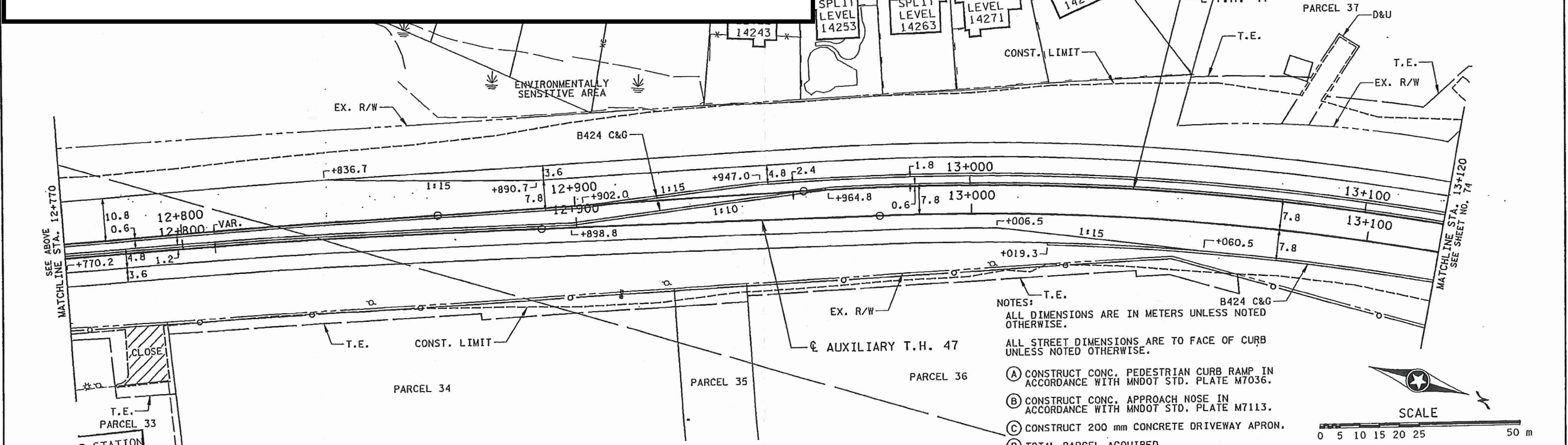
LUP 0200-0113, Exhibit A, Sheet 7 of 13, TH 47



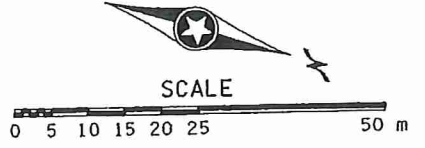
STREET RADII			
RADIUS	ALIGNMENT	STATION	LOCATION
12.0	TH 47	12+590.01	23.4 (LT)
12.0	TH 47	12+590.53	23.4 (RT)
9.0	TH 47	12+638.95	20.4 (RT)
1.5	TH 47	12+655.79	12.9 (RT)
15.0	AUX TH 47	12+713.30	22.8 (RT)
12.0	TH 47	12+716.55	23.4 (LT)
12.0	AUX TH 47	12+754.25	19.2 (RT)
15.0	TH 47	12+751.45	25.8 (LT)



LUP 0200-0113, Exhibit A, Sheet 8 of 13, TH 47




- NOTES:
- (A) CONSTRUCT CONC. PEDESTRIAN CURB RAMP IN ACCORDANCE WITH MNDOT STD. PLATE M7036.
 - (B) CONSTRUCT CONC. APPROACH NOSE IN ACCORDANCE WITH MNDOT STD. PLATE M7113.
 - (C) CONSTRUCT 200 mm CONCRETE DRIVEWAY APRON.
 - (D) TOTAL PARCEL ACQUIRED.



DESIGN FILE: H:\GIS\2800\2800.CPD
 PRF FILE: H:\GIS\2800\2800.PRF.CPA.PRF
 PLOT SCALE: 1:500
 PLOT DATE/TIME: 09/10/1999 08:31:19

NO	DATE	BY	CHKD	APPR	REVISION

NAME: 2800.CPA DATE: Sep. 10, 1999


 I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Michael D. Howe
 Date: 9-9-99 Reg. No. 21364

STATE PROJECT NO.
 SP 0206-50
 SP 199-00-03
 SP 199-00-04
 SP 199-030-01
 SP 02-605-06
 SP 199-104-05

DRAWN BY: V. GRAF
 DATE: 2-99
 DESIGNED BY: S. LILLHAUG
 DATE: 12-98
 CHECKED BY: M. HANSEN
 DATE: 4-99
 COMM. NO.: 0982960



CITY OF RAMSEY PROJECT NO. 98-14
 CONSTRUCTION PLAN
 T.H. 47
 STA. 12+514.894 TO STA. 13+120

SHEET
 73
 OF
 238

LUP 0200-0113, Exhibit A, Sheet 9 of 13, TH 47

THE HORIZONTAL CONTROL FOR THIS PLAN IS NAD83 (1996 ADJUSTMENT), ANOKA COUNTY COORDINATES. FOR INFORMATION ON HORIZONTAL CONTROL POINTS CONTACT MNDOT'S OFFICE OF LAND MANAGEMENT OR THE METRO DISTRICT SURVEYS OFFICE.

ELEVATIONS FOR THIS PLAN ARE NAVD88 ADJUSTED. FOR INFORMATION ON VERTICAL CONTROL POINTS CONTACT MNDOT'S OFFICE OF LAND MANAGEMENT OR THE METRO DISTRICT SURVEYS OFFICE.

ANOKA COUNTY

BEGIN SP 0206-65
TH47NB STA 416+93

ARGON ST NW

TH 47

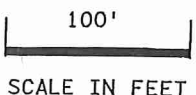
142ND AVE NW

BLUE VELVET LN

XKIMO ST NW

END SP 0206-65
TH47NB STA 425+00

NOTE:
THE RIGHT OF WAY AND EASEMENTS SHOWN ON THE CONSTRUCTION SHEETS GIVE A GRAPHICAL LOCATION WITH RESPECT TO THE GEOMETRIC DESIGN AND MAP DATA. THE EXACT RIGHT OF WAY, EASEMENT, AND BOUNDARY CORNERS ARE LOCATED BY REFERENCE TO THE RIGHT OF WAY PLATS AND ARE IDENTIFIED ON THE RIGHT OF WAY MAP, WHICH SHALL BE USED FOR STAKING PURPOSES.



ALIGNMENT, INPLACE TOPOGRAPHY & INPLACE UTILITIES PLAN

STATE PROJ. NO. 0206-65 (T.H. 47) SHEET NO. OF SHEETS

DRAWN BY: AR

CHECKED BY: BTJ

CERTIFIED BY _____

LICENSED PROFESSIONAL ENGINEER

LIC. NO. 23797 DATE _____

PLOTTED/REVISED: 20-OCT-2015 10:48

DISTRICT #: METRO
PLOT NAME: 020665_al_bdr
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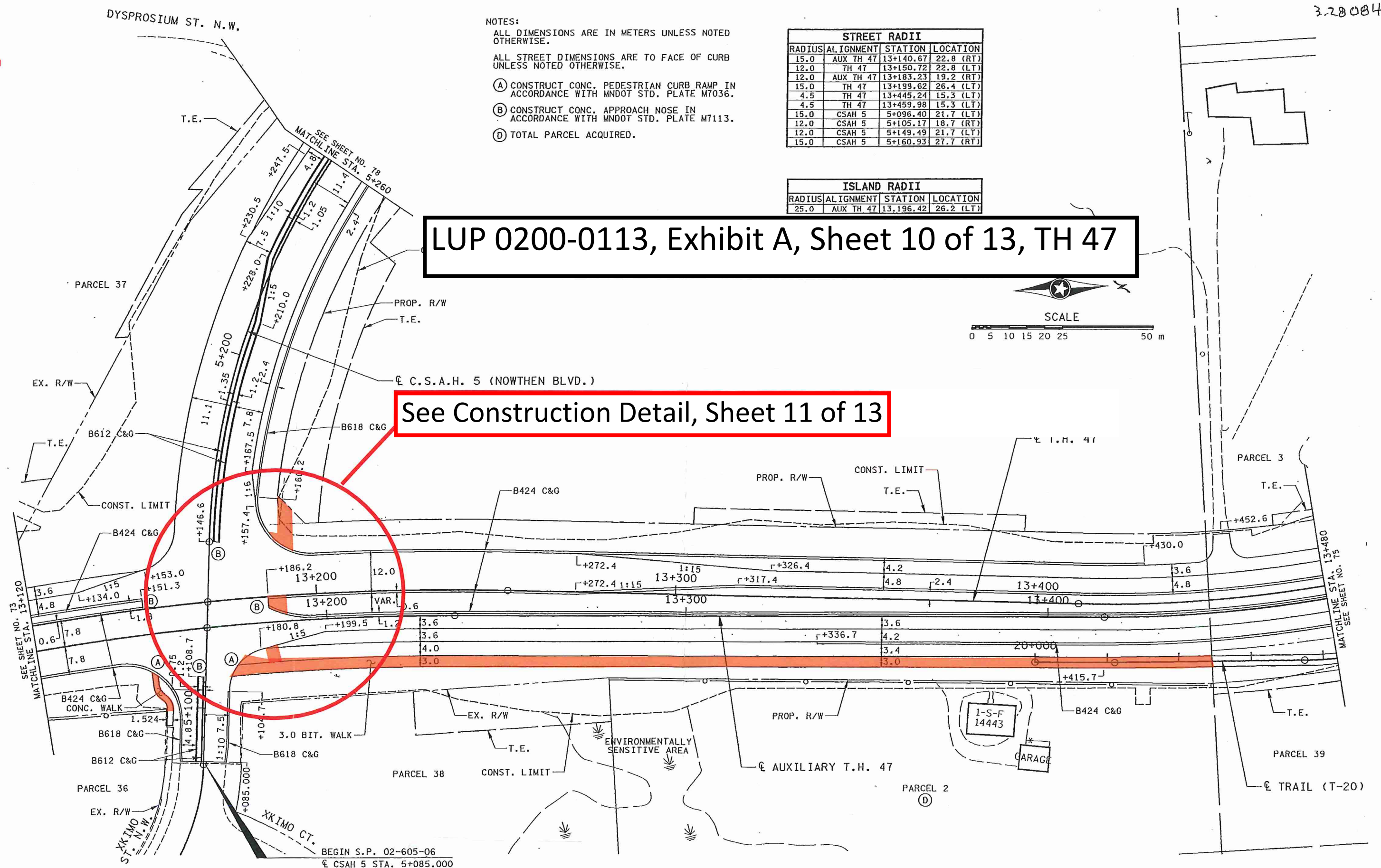
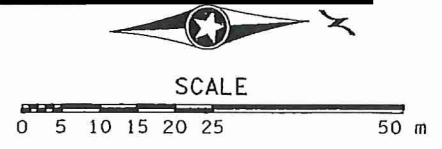
- NOTES:
 ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
 ALL STREET DIMENSIONS ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.
- (A) CONSTRUCT CONC. PEDESTRIAN CURB RAMP IN ACCORDANCE WITH MNDOT STD. PLATE M7036.
 - (B) CONSTRUCT CONC. APPROACH NOSE IN ACCORDANCE WITH MNDOT STD. PLATE M7113.
 - (D) TOTAL PARCEL ACQUIRED.

STREET RADII			
RADIUS	ALIGNMENT	STATION	LOCATION
15.0	AUX TH 47	13+140.67	22.8 (RT)
12.0	TH 47	13+150.72	22.8 (LT)
12.0	AUX TH 47	13+183.23	19.2 (RT)
15.0	TH 47	13+199.62	26.4 (LT)
4.5	TH 47	13+445.24	15.3 (LT)
4.5	TH 47	13+459.98	15.3 (LT)
15.0	CSAH 5	5+096.40	21.7 (LT)
12.0	CSAH 5	5+105.17	18.7 (RT)
12.0	CSAH 5	5+149.49	21.7 (LT)
15.0	CSAH 5	5+160.93	27.7 (RT)

ISLAND RADII			
RADIUS	ALIGNMENT	STATION	LOCATION
25.0	AUX TH 47	13.196.42	26.2 (LT)

LUP 0200-0113, Exhibit A, Sheet 10 of 13, TH 47

See Construction Detail, Sheet 11 of 13



DESIGN FILE: D:\ACTIVE\2800\2800.dwg
 PLOT FILE: D:\ACTIVE\2800\2800.dwg
 PLOT SCALE: 25:1
 PLOT DATE/TIME: 09/29/1999 16:15:04

NO	DATE	BY	CHK	APPR	REVISION
1	9-29-99	VGG	MDH	MDH	STATE AID COMMENTS.



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

Wanda D. Hume
 Date: 9-30-99 Reg. No. 21364

STATE PROJECT NO. SP 0206-50
 SP 199-010-03
 SP 199-010-04
 SP 199-030-01
 SP 02-605-06
 SP 199-104-05

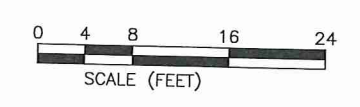
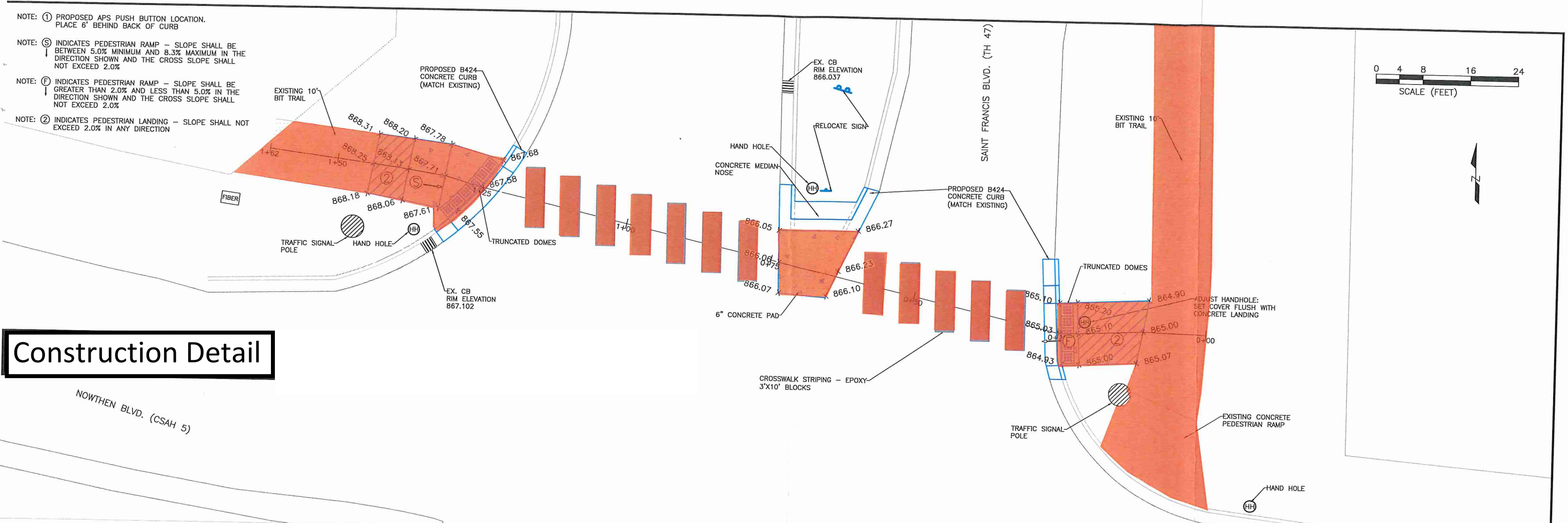
DRAWN BY: V. GRAF DATE: 2-99
 DESIGNED BY: S. LILLEHAUG 12-98
 CHECKED BY: M. HANSEN 4-99
 COMM. NO. 0982960



CITY OF RAMSEY PROJECT NO. 98-14
 CONSTRUCTION PLAN
 T.H. 47
 STA. 13+120 TO STA. 13+480

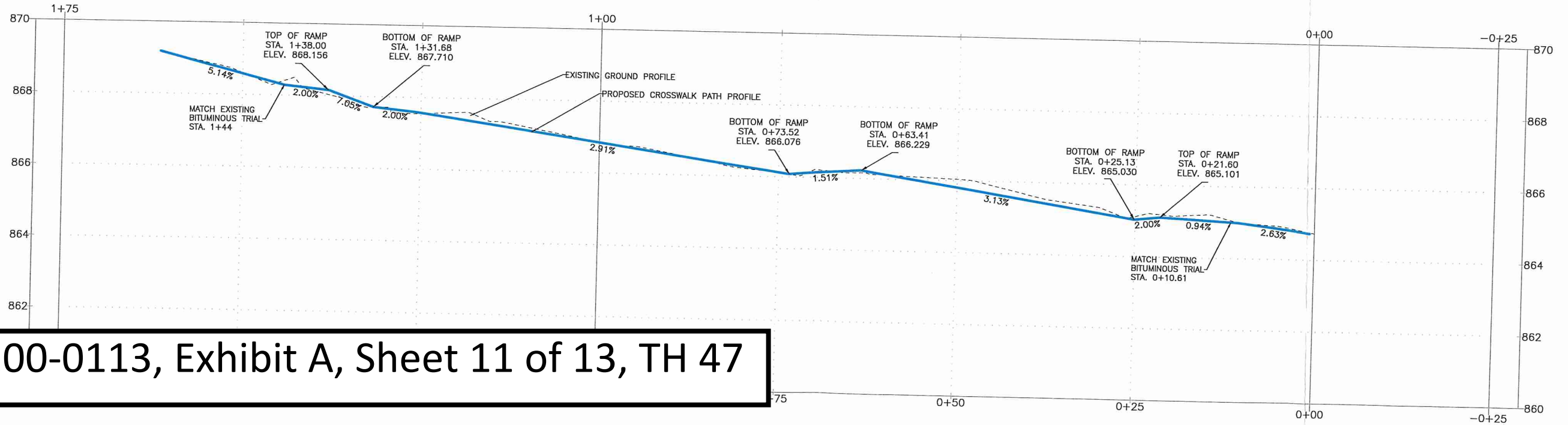
SHEET 74 OF 238

- NOTE: ① PROPOSED APS PUSH BUTTON LOCATION. PLACE 6' BEHIND BACK OF CURB
- NOTE: ③ INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND THE CROSS SLOPE SHALL NOT EXCEED 2.0%
- NOTE: ④ INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND THE CROSS SLOPE SHALL NOT EXCEED 2.0%
- NOTE: ② INDICATES PEDESTRIAN LANDING - SLOPE SHALL NOT EXCEED 2.0% IN ANY DIRECTION



Construction Detail

PROFILE VIEW OF CROSSWALK PATH



LUP 0200-0113, Exhibit A, Sheet 11 of 13, TH 47

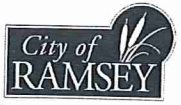
DATE	REVISION
Oct 07, 2015 - 9:26am	
C:\Engineering\AutoCad Dwg\Projects N-2\Stony River Signal (TH47 and Co5)\Final Design 9-22-15.dwg	

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.

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

DATE: 10/7/15
 FILE NO: 15-23

BRUCE R. WESTEY
 Date: 9/29/15 Lic. No. 40116



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

PROPOSED PEDESTRIAN
 CROSSWALK IMPROVEMENTS

TH 47 PEDESTRIAN CROSSWALK IMPROVEMENTS
 CITY PROJECT NO. 15-23
 CITY OF RAMSEY, MINNESOTA

LUP 0200-0113, Exhibit A, Sheet 12 of 13, TH 47

PRECAST CONCRETE PEDESTRIAN UNDERPASS, BITUMINOUS TRAIL, AND MISCELLANEOUS CONSTRUCTION

LOCATED ON TH 47 BETWEEN 162ND AVE N.W. AND 164TH AVE N.W.

CITY OF RAMSEY PROJECT NO. 05-29

GOVERNING SPECIFICATIONS

THE 2000 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL APPLY.
ALL FEDERAL, STATE AND LOCAL LAWS, REGULATIONS, AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

SHEET INDEX

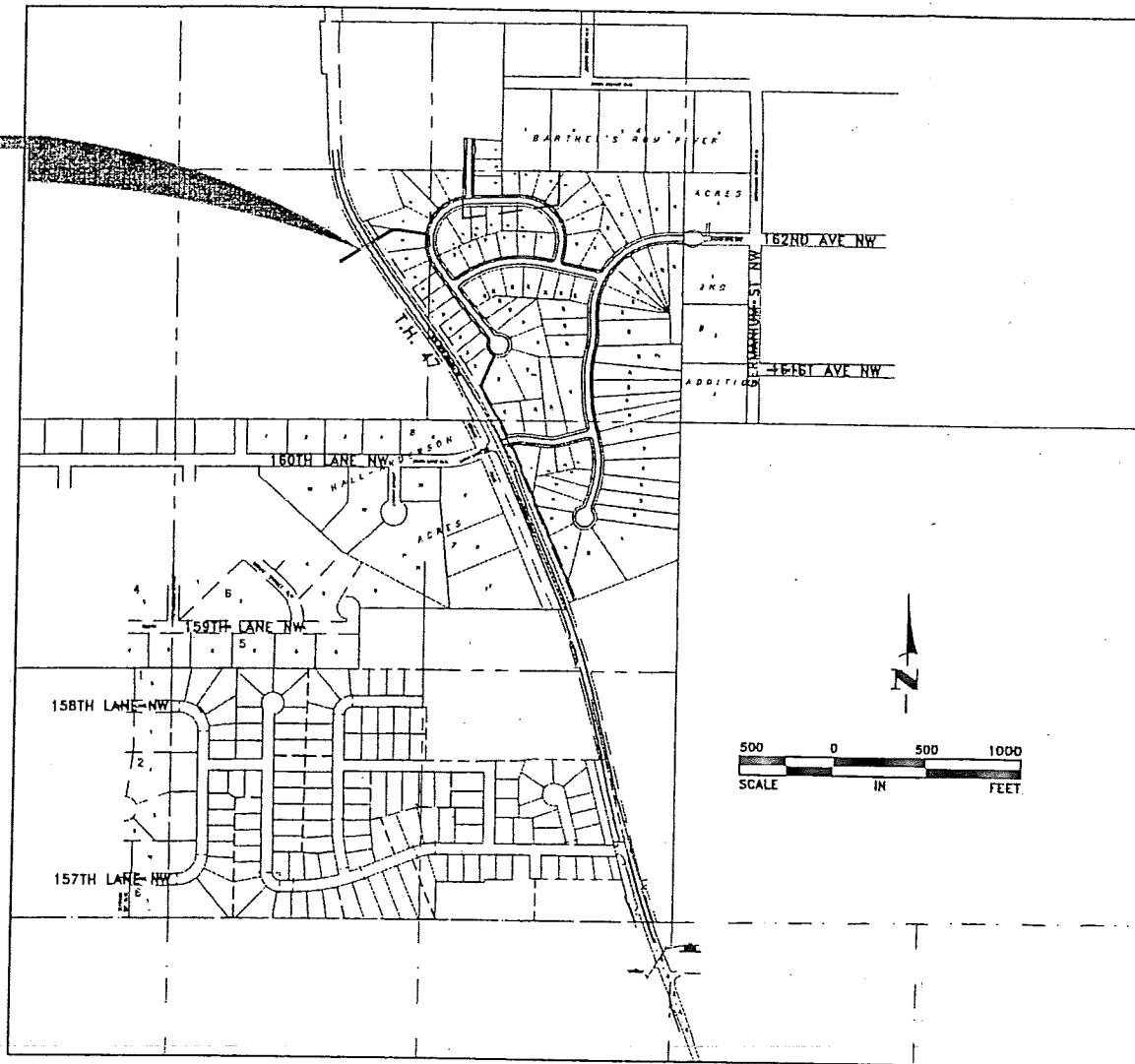
THIS PLAN CONTAINS 26 SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES, CONSTRUCTION NOTES, AND STANDARD PLATES
3-4	TYPICAL SECTIONS AND CONSTRUCTION DETAILS
5	INPLACE TOPOGRAPHY AND REMOVALS
6	TRAIL PLAN
7	TRAIL PROFILE
8-11	BARREL DETAIL SHEETS
X1-X7	CROSS SECTIONS - PEDESTRIAN UNDERPASS
X8-X15	CROSS SECTIONS - TH 47

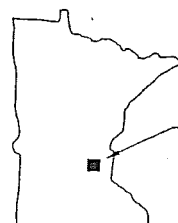
PROJECT LOCATION

LEGEND

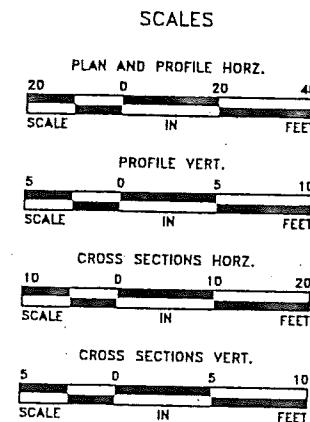
- UGE — UNDERGROUND ELECTRIC LINES
- OHE — OVERHEAD ELECTRIC LINES
- - - EXISTING CONTOUR
- - - EXISTING STORM SEWER
- - - EXISTING SAN SEWER
- - - EXISTING WATERMAIN
- - - PROPOSED STORM SEWER
- - - PROPOSED SAN SEWER
- - - PROPOSED WATERMAIN
- SILT FENCE
- W- WETLAND BOUNDARY
- CURB INLET
- HYDRANT
- WATER VALVE
- SAN SEWER MANHOLE
- STORM SEWER MANHOLE
- X DENOTES DETAIL
- X DENOTES SHEET DETAIL IS LOCATED ON



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



PROJECT LOCATION
ANOKA COUNTY
DIVISION: METRO



Hakanson Anderson Assoc., Inc.
Civil Engineers and Land Surveyors
3601 Thurston Ave., Anoka, Minnesota 55303
763-427-5860 FAX 763-427-0520

DESIGN DATA	
GROSS LENGTH	XX FT.
BRIDGE LENGTH	0
EXCEPTION LENGTH	0
NET LENGTH	XX FT.
ADT (2004)	0
ADT (2024)	0
DESIGN SPEED	XX Miles/hr
R-VALUE	70
ESAL	0
STRUCTURAL DESIGN	1.0 ton
FUNCTIONAL CLASSIFICATION	LOCAL COLLECTOR
NUMBER OF TRAFFIC LANES	2
NUMBER OF PARKING LANES	0
SHOULDER WIDTH	3 FT.
STOPPING SIGHT DISTANCE BASED ON:	3.5 FT. HEIGHT OF EYE 0.5 FT. HEIGHT OF OBJECT

EXHIBIT A
page 2 of 2

APPROVED _____ DATE _____
CITY OF RAMSEY ENGINEER

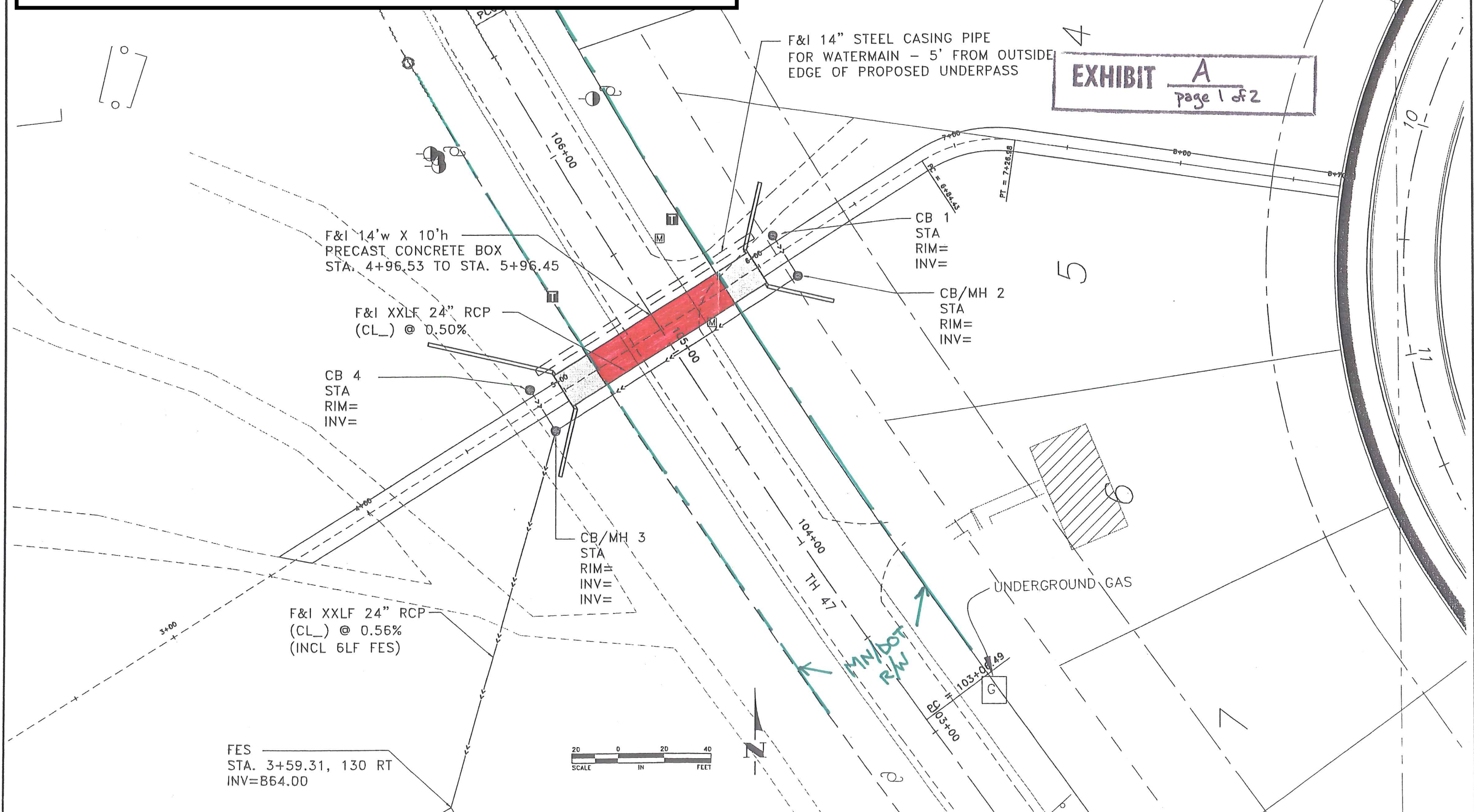
METRO DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY

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.

PETER R. RAATIKKA, P.E. 11586
HAKANSON ANDERSON ASSOCIATES, INC. LIC. NO. DATE
DESIGN ENGINEER

LUP 0200-0113, Exhibit A, Sheet 13 of 13, TH 47

EXHIBIT A
page 1 of 2



DATE	REVISION
Jun 30, 2005 - 3:14pm	
K:\cad_eng\name projects-2005\RA3177\dwg\RA3177-PP.dwg	

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.

PETE R. RAATIKKA, P.E.
 Date 6/28/05 Lic. No. 11586

DESIGNED BY: PRR	DATE: 6/26/05
DRAWN BY: RAA	FEL NO: RA3177
CHECKED BY: PRR	

Hakanson Anderson Assoc., Inc.
 Civil Engineers and Land Surveyors
 3E01 Thurston Ave., Anoka, Minnesota 55303
 763-427-5860 FAX 763-427-0520
 www.hakanson-anderson.com

CITY PROJECT 05-29

BITUMINOUS TRAIL AND PRECAST CONCRETE UNDERPASS PLAN
 CITY OF RAMSEY, MINNESOTA

SHEET 6 OF 26 SHEETS
 RA3177