City of Ramsey
Agenda
Regular City Council
Tuesday, January 28, 2025
7:00 pm
Council Chambers, 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. Presentation

3. Citizen Input

Citizen input is an opportunity for the public to address the City Council concerning items not listed on the agenda. Please raise your hand to be recognized by the Mayor or member officiating the meeting. Approach the podium and state your full name and address for the record. Time may be limited.

4. Approve Agenda

5. Approve Minutes

1. Approve the Following Meeting Minutes:

1. City Council Work Session dated January 14, 2025
2. City Council Regular Session dated January 14, 2025

6. Consent Agenda

All items listed under the Consent Agenda are considered to be routine or non-controversial by the City Council and will be enacted by one motion, without discussion.

1. Approve Business License Applications.

2. Authorization to Promote the Police Records Technician/Data Analyst to Crime Data Analyst

3. Authorization to Promote the HR Specialist to HR Generalist

4. Authorization to Fill the HR Specialist Position

5. Adopt Resolution #25-033 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of January 9, 2025 through January 22, 2025.

6. Adopt Resolution #25-020 Approving Plans and Specifications and Authorizing Advertisement for Bids for 2025 Crack Seal Improvements, Improvement Project #25-09

7. Adopt Resolution #25-021 Approving Plans and Specifications and Authorizing Advertisement for Bids for 2025 Pavement Rejuvenation Improvements, Improvement Project #25-10

8. Adopt Resolution #25-022 Approving Partial Payment to Douglas-Kerr Underground, LLC for Improvement Project #25-01, Rivers Bend Regional Stormwater Pond Improvements.

9. Adopt Resolution #25-023 Approving Final Payment to North Valley, Inc. for Improvement Project #24-07, 2024 Neighborhood Pavement Overlay Improvement.

10. Adopt Resolution #25-024 Approving Final Payment to North Valley, Inc. for Improvement Project #24-12, Juniper Woods 1st - 3rd Street Reconstruction.

11. Adopt Resolution #25-031 Approving Construction Contingency Expense No. 8 for Improvement Project #21-09, Centralized Water Treatment Plant

12. Adopt Resolution #25-032 Authorizing Partial Payment #19 to Magney Construction, Inc. for Improvement Project #21-09, Centralized Water Treatment Plant

13. Adopt 2025 Legislative Priorities

7. Public Hearing

8. Council Business

1. Adopt Resolution #25-029, Central Park Playground Renovation and Replacement **- Please Note: due to technical difficulties, this case was moved to the last case on the agenda.**

2. Adopt Resolution #25-018 Accepting Bids and Awarding Contract for Fox Ridge Estates 1st & 2nd Street Reconstructions, Improvement Project #24-13

3. Adopt Resolution #25-019 Accepting Bids and Awarding Contract for MSA Sunwood Drive Reconstruction, Improvement Project #25-02

9. Mayor/Council/Staff Input

10. Adjournment

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Enhance City's communication through transparency and accountability.

Title

Approve the Following Meeting Minutes:

1. City Council Work Session dated January 14, 2025
2. City Council Regular Session dated January 14, 2025

Purpose/Background:

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

Background: Attached are the meeting minutes referenced above.

Recommendation:

Approve the meeting minutes.

OutcomeAction:

Motion to approve the following Council meeting minutes:

1. City Council Work Session dated January 14, 2025
2. City Council Regular Session dated January 14, 2025

Attachments

1-14-25 CCWS

1-14-25 Meeting

Form Review

Inbox	Reviewed By	Date
Brian Hagen	Brian Hagen	01/23/2025 01:06 PM
Form Started By: Katie Schmidt		Started On: 01/23/2025 12:55 PM
Final Approval Date: 01/23/2025		

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

The Ramsey City Council conducted a City Council Work Session on Tuesday, January 14, 2025, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present: Mayor Ryan Heineman
Councilmember Kirsten Buscher
Councilmember Michael Olson
Councilmember Eric Peters
Councilmember Chris Riley (attended remotely)
Councilmember Dan Specht
Councilmember Shanna Stewart

Also Present: City Administrator Brian Hagen
Planning Manager Todd Larson
Economic Development Manager Sean Sullivan
City Attorney Fritz Knaak
City Clerk Katie Schmidt

1. CALL TO ORDER

Mayor Heineman called the City Council Work Session to order at 5:30 p.m.

2. TOPICS FOR DISCUSSION

2.01: Review of CorTrust Bank Site Plan and Acquisition of Property in the COR

City Administrator Hagen reviewed the Staff report in regard to the CorTrust Bank site plan. He shared that this item was being brought forward again for the new Council to consider.

Economic Development Manager Sullivan reviewed the project for the new Councilmembers.

Dean Suchy, CorTrust Bank, came forward and shared that they had made a few changes to the proposed plan since this was last brought to the Council. He noted that there were concerns with the drive-thru, which they have now decreased to two drive-thrus. He added that they would also likely look to sell the small retail parcel to another developer.

Councilmember Specht said he does not have any concerns with CorTrust Bank itself; however, he does have concerns with this being a very prime spot within the City and that this bank would take up a lot of space on the lot and would limit what could be on the smaller parcel.

Economic Development Manager Sullivan explained that they have worked with the bank and they are looking at pushing the building right up against the road and this would limit how the lot can

be laid out. He said this building will have a one-and-a-half story look and will look much better than the daycare and the other buildings in the area. He noted that he thinks the bank would fit perfectly in this location. He shared that the bank has spent around $80,000 to get this in front of the Council as they want to be here in Ramsey.

Councilmember Olson shared that he sees a bank as an anchor for a city and he thinks CorTrust Bank having a prime location in the City is appropriate. He asked what kind of traffic is caused by a bank. He noted that most people do a majority of their banking on their phones.

Mr. Suchy explained that the traffic at a certain bank depends on its location. He said some banks have pretty steady traffic and others do not. He stated he could not use any other locations as a reference as all locations are different. He noted that the most similar location would be the Anoka location, and he could get some traffic numbers and report those back to the Council.

Councilmember Riley stated that this is a local business that very clearly wants to be in Ramsey and has brought this forward again showing their determination. He added that they have made many changes to their original plan including moving an exit and having a plan for the excess land that will be held. He shared that he supported this in the past and will continue to support this now.

Councilmember Peters added that he believes this would be a great addition to Ramsey, especially with the apartments and other housing developments in the area within walking distance.

Councilmember Buscher asked what CorTrust thinks they will be able to bring to the City.

Mr. Suchy said that one of the things that they can bring to the table is that they are very involved in the communities that they serve. He stated that CorTrust has been around for almost 100 years so they can also bring stability as a family-owned bank.

Councilmember Stewart asked what the checks and balances will be on the retail space to ensure it matches the aesthetics of the bank and the hotel.

Economic Development Manager Sullivan explained that they have strict development standards in the COR that ensure that the buildings in the area meet the architectural standards of the COR. He stated that the retail space will have to be used by a business that fits within the COR framework.

Mayor Heineman shared that he agrees with Councilmember Specht on this as the COR is the prime location within the City and once it has been developed, it is pigeonholed with what they have developed. He added that he has not heard from residents that they want a bank in the COR; however, he has heard that they want restaurants, retail spaces, and shopping. He asked if the Council will have any say in what goes into the retail space.

Economic Development Manager Sullivan said that they would not be able to regulate what kind of business would go in this space as any business that is permitted within the COR zoning district could go in this space. He explained that they could put a restrictive deed that could disallow

potential uses; however, they would have to list out every use they would not want to see in this area.

Councilmember Stewart said that even though the space will be small, there would still be room for a restaurant.

Councilmember Olson asked if the restrictive deed is something that could come from the City or the property owner.

Economic Development Manager Sullivan said it would come from the City when they would deed the property to the property owner. He shared that they have looked at the City keeping this land; however, the thought process is that the bank will be putting in all of the infrastructure for access to the site and the City would not spend any money on the infrastructure.

Councilmember Riley noted that having a restrictive deed would give the City some more control over what the retail space on the property would be; however, that is not his preference.

Economic Development Manager Sullivan asked if the City would be able to retain the smaller lot that would be used for retail space.

Planning Manager Larson said they would just have to find some kind of business that could fit within the space as there are no minimum lot sizes in the COR.

Mr. Suchy stated they would prefer for the City to keep the smaller lot as they are not in the development businesses and would not want to worry about the smaller lot.

Councilmember Buscher asked Mr. Suchy if there is any kind of establishment they would not want next to the bank.

Mr. Suchy shared that any kind of restaurant would be ideal in this space and there are not any types of establishments he would not like to see.

The consensus of the Council was to direct Staff to continue to work with CorTrust Bank to work through the land use application process and replatting the land for the City to retain the smaller parcel.

2.02: Discuss Council Organization

City Clerk Schmidt reviewed the Staff report concerning the Council organization and determining the committees, boards, authorities, or other groups to which Councilmembers will be appointed, as well as the appointments for the official newspaper, approval of the annual contract with TimeSavers Off-Site Secretarial Service (TOSS), and appointment of legal services.

Councilmember Specht shared that two different residents had approached him concerning Doctor Barth who had poor experiences with him and did not want him to be associated with the City.

Councilmember Riley noted that Doctor Long, the City's previous physician, was his physician before he retired. He shared that he asked Doctor Long's opinion on a new City physician after his retirement to which Doctor Long suggested Doctor Barth.

Mayor Heineman asked if this role would hold any authority or if it is just advisory.

City Clerk Schmidt shared that the Health Authority does have some authority when it comes to abuse cases; however, she is not sure if they have ever needed to call on this person for anything of that nature.

Councilmember Peters added that he has taken his children to Doctor Barth since he has lived in Ramsey and he has never had issues with him.

Councilmember Buscher asked if alternates are able to attend all meetings even if the primary person is present.

City Clerk Schmidt said yes.

City Administrator Hagen said that anyone can attend any of these meetings.

Councilmember Riley shared that he would like to remain as Acting Mayor as he has served as Acting Mayor for many years, and it has been the tradition that the most senior member of the Council serves in this role.

Councilmember Olson explained that he expressed interest in serving as Acting Mayor when he first joined the Council; however, there were others who were interested as well. He said he would enjoy the opportunity to serve as Acting Mayor.

The consensus of the Council was to give Councilmember Riley the role of Acting Mayor.

Councilmember Olson said he would like to switch his seat on the EPB with Councilmember Peters for his seat on the Public Works Committee.

The consensus of the Council was to appoint Councilmember Peters to the EPB with Councilmember Olson as the alternate, and to appoint Councilmember Olson to the Public Works Committee with Councilmember Peters as the alternate.

City Clerk Schmidt shared that no one expressed interest in serving on the Highway 10 Commission; however, this Commission has not met in a long time and they can readdress this if there is need for involvement in the future.

Mayor Heineman shared his interest in serving on the Anoka County Joint Law Enforcement Council due to his background with the military police.

Councilmember Stewart also expressed interest in this appointment; however, she said she would give it to Mayor Heineman.

Councilmember Buscher shared that she was approached by Sheriff Wise to serve as the alternate for the Anoka County Joint Law Enforcement Council.

The consensus of the Council was to appoint Mayor Heineman to the Anoka County Joint Law Enforcement Council with Councilmember Buscher as the alternate.

Councilmember Buscher shared that Eckberg Lammers does not work with the Attorney General's Office on the Clean Slate Act to help people get expungements and would like to amend the contract to make Eckberg Lammers work with the Attorney General's Office on this.

City Attorney Knaak said there would be no reason that the Council could not make this request.

Councilmember Buscher shared that she worked with Eckberg Lammers in the spring with their post-conviction relief and they would always state that they do not participate in the program.

City Attorney Knaak added that they could raise this as an issue with the courts. He noted that they seem to be operating under prosecutorial discretion and they could express the importance of their willingness to participate in the Clean Slate Act rather than amending the contract.

Councilmember Riley stated he is supportive of moving forward with Eckberg Lammers; however, he does not understand the details of what they are discussing and would like more details at a later date.

Councilmember Specht said Eckberg Lammers has done a great job working with the City and does not think the agreement needs any changes.

Mayor Heineman noted that he would like to hear from Eckberg Lammers why this is something that they do not participate in before making it a requirement of them. He suggested they approve the contract as is and direct Staff to reach out and ask this question and bring back more details to the Council.

The consensus of the Council was to approve the contract with Eckberg Lammers and direct Staff to ask the firm why they do not participate in the Clean Slate Act.

City Attorney Knaak noted a correction to the contract with Holstad & Knaak. He shared that the contract states that anything over 10 hours monthly will be billed at a flat rate, which has never happened since he has been with the City.

The consensus of the Council was to move forward with the remaining one-year appointments as proposed for the Parks and Recreation Commission, the Planning Commission, and the Twin Cities Gateway Board and the remaining two-year appointments as proposed for the Anoka County Fire Protection Council, the Lower Rum River Watershed Management Organization, the Quad Cities Cable Communication Commission, and the Economic Development Authority. There was also consensus to approve the contracts with TOSS, the *Anoka County Union Herald*, and the legal services.

2.03: 2025 Legislative Priorities

City Administrator Hagen reviewed the Staff report in regard to the City's 2025 legislative priorities.

Councilmember Riley shared that the taxation from the transportation department is without any benefit to the City. He noted that asking to be added to the Metro Mobility service area is just an ask to include the City in something they are already paying for. He said he would like to see this item moved up on their list of priorities. He added that the hospital moratorium is not a local issue and when it was brought up to a State Senator, he was not aware that there was any hospital that was being looked at for Ramsey, showing that it is not a local issue. He stated that he does not think this item needs to remain on this so they can focus on other items with more importance.

Mayor Heineman agreed with removing the priority of lifting the hospital moratorium.

Councilmember Specht stated the only reason he would be in support of keeping this legislative priority is because of someone who had come forward with the idea of opening some kind of medical facility in Ramsey.

The consensus of the Council was to move forward with the proposed list of 2025 legislative priorities with the removal of the item for lifting the hospital moratorium.

3. TOPICS FOR FUTURE DISCUSSION

3.01: Review Future Topics/ Calendar

Noted.

4. MAYOR / COUNCIL / STAFF INPUT

None.

5. ADJOURNMENT

The Work Session of the City Council was adjourned at 6:55 p.m.

Respectfully submitted,

_____

Brian S. Hagen
City Administrator

ATTEST:

_____
Katie M. Schmidt
City Clerk

Drafted by Ava Major
TimeSaver Off Site Secretarial, Inc.

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CITY COUNCIL
CITY OF RAMSEY
ANOKA COUNTY
STATE OF MINNESOTA

The Ramsey City Council conducted a regular meeting on Tuesday, January 14, 2025, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present: Mayor Ryan Heineman
Councilmember Kirsten Buscher
Councilmember Michael Olson
Councilmember Eric Peters
Councilmember Chris Riley (attended remotely)
Councilmember Dan Specht
Councilmember Shanna Stewart

Members Absent: None

Also Present: City Administrator Brian Hagen
City Clerk Katie Schmidt
Economic Development Manager Sean Sullivan
Community Development Director Stephanie Hanson

1. CALL TO ORDER

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

2. PRESENTATION

2:01: Swearing-in Ceremony for Mayor Ryan Heineman, Councilmember At-Large Kirsten Buscher, Ward 2 Councilmember Eric Peters, and Ward 4 Councilmember Shanna Stewart.

City Clerk Schmidt gave the Oath of Office to new Mayor Heineman and Councilmembers Buscher, Peters, and Stewart.

3. CITIZEN INPUT

Minnesota Senator Jim Abeler, former Ramsey resident, came forward and congratulated the new Councilmembers and Mayor. He shared that both sides of the legislature sat down and hammered out a power share agreement that would make the City proud. He said he is available for any help the City needs.

Minnesota State Auditor Julie Blaha, Ramsey resident, came forward and shared that she can not think of anywhere better to be than here to see new Councilmembers sworn in. She thanked the

Councilmembers for all that they do. She noted that in her work she sees a lot of the decisions that local governments make and the hard work does not go unnoticed. She said there is nothing more important than having a place where neighbors can get together to get things done like they can on a Council.

Randy Keiser, 16967 Bison Street NW, came forward and asked if the City is committed to the health and safety of each and every resident. He shared that he had an incident, had to call the Police Department about an issue, and every time he has called he has been told there is nothing they can do about it. He explained that his neighbors will have outdoor fires burning for their furnaces and sometimes the wind will blow smoke into his home. He added that he has contacted the EPA, the MPCA, and the Ramsey Police Department. He said that he has been sent to the doctor due to the effects of this smoke.

Mayor Heineman said they can continue this conversation and work towards a resolution after tonight's meeting.

4. APPROVE AGENDA

Motion by Councilmember Peters, seconded by Councilmember Olson, to approve the agenda as presented.

A roll call vote was performed:

Councilmember Buscher	aye
Councilmember Riley	aye
Councilmember Stewart	aye
Councilmember Olson	aye
Councilmember Specht	aye
Councilmember Peters	aye
Mayor Heineman	aye

Motion carried.

5. APPROVE MINUTES

Motion by Councilmember Olson, seconded by Councilmember Peters, to approve the following meeting minutes:

5.01: City Council Work Session dated, December 10, 2024
5.02: City Council Regular Session dated, December 10, 2024

Further discussion:

Councilmember Riley shared that he was not in attendance at these meetings, nor were the new Councilmembers; however, he has talked to former Councilmembers who agree that the minutes are appropriate for what was discussed during these meetings.

A roll call vote was performed:

Councilmember Buscher	aye
Councilmember Riley	aye
Councilmember Stewart	aye
Councilmember Olson	aye
Councilmember Specht	aye
Councilmember Peters	aye
Mayor Heineman	aye

Motion carried.

6. CONSENT AGENDA

Motion by Councilmember Stewart, seconded by Councilmember Olson, to approve the following items on the Consent Agenda:

6.01: Receive November 2024 Financial Reports - General Fund, EDA and Enterprise Funds
6.02: Receive Cash and Investments for Period Ending December 31, 2024
6.03: Note the following Boards, Commissions, and Committee Meeting Minutes:
- Planning Commission Meeting Minutes Dated November 21, 2024
- Environmental Policy Board Meeting Minutes Dated October 21, 2024
- Park and Recreation Commission Meeting Minutes Dated November 14, 2024

6.04: Approve Amending City Council Meeting Schedule for 2025
6.05: Approve Business License Applications.
6.06: Authorization to Ratify 2025 Budgeted Personnel Items
6.07: Authorization to Approve the Wage Scale for the New Crime Data Analyst Position
6.08: Authorization to Promote a Sergeant to Captain and a Patrol Officer to Sergeant
6.09: Adopt Resolution #25-010 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of December 5, 2024 through December 31, 2024.
6:10: Adopt Resolution #25-016 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of December 31, 2024 through January 8, 2025.
6:11: Adopt Resolution #25-001 Approving the 2024 Council Organization
6:12: Adopt Resolution #25-002 Approving Partial Payment to Northwest Asphalt, Inc. for Improvement Project #24-05, MSA Xkimo Street Reconstruction.
6:13: Adopt Resolution #25-004 Authorizing Partial Payment No. 2 to Design Electric Inc. for Improvement Project #24-56, Lift Station No. 1 Permanent Generator.
6:14: Adopt Resolution #25-005 Authorizing Partial Payment #18 to Magney Construction, Inc. for Improvement Project #21-09 Centralized Water Treatment Plant.
6:15: Adopt Resolution #25-007 Approving Final Payment to Park Construction Company for Improvement Project #24-06, 2024 MSA Pavement Overlay Improvements.
6:16: Adopt Resolution #25-008 Approving Amended and Restated Right of Re-Entry Agreement: Ramsey Properties, LLC (Hilton Home2 Suites)

6:17: Adopt Resolution #25-009 Authorizing Speed Study Request for Armstrong Boulevard / CSAH 83 between Highway 10 and Bunker Lake Boulevard / CSAH 116
6:18: Adopt Resolution #25-011 Designating Financial Institutions as Official Depositories; Adopt Resolution #25-012 Authorizing Signatures for Financial Transactions and Adopt Resolution #25-013 Designating BMO Bank, N.A. as the Official Financial Institution for the City of Ramsey Banking Services for the Year of 2025.
6:19: Adopt Resolution #25-014 Approving the City of Ramsey's 2026 Budget Calendar
6:20: Adopt Resolution #25-017 Approving CBRE Real Estate Listing Agreement for City Owned Land in COR

A roll call vote was performed:

Councilmember Buscher	aye
Councilmember Riley	aye
Councilmember Stewart	aye
Councilmember Olson	aye
Councilmember Specht	aye
Councilmember Peters	aye
Mayor Heineman	aye

Motion carried.

7. PUBLIC HEARING

None.

8. COUNCIL BUSINESS

8.01: Adopt Resolution #25-006 Approving Purchase Agreement and Right of Re-Entry Agreement for the Sale of Part of Outlot D, Waterfront Village: Case of Capital Real Estate, Inc.

Economic Development Manager Sullivan reviewed the Staff report in regard to the purchase and right of re-entry agreement for the sale of part of Outlot D for the Waterfront Village. He shared the EDA's recommendation of approval.

Councilmember Specht shared that he is excited about this project.

Mayor Heineman asked if there will be a drive-thru attached to the Chipotle.

Economic Development Manager Sullivan said yes.

Mayor Heineman asked if the difference between the asking price and the offer price was due to what they are currently seeing in the real estate market.

Economic Development Manager Sullivan said yes and explained that the Council and EDA give him a deal range and the presented offers are on the higher end of the deal range.

Motion by Councilmember Specht, seconded by Councilmember Olson, to adopt Resolution #25-006 Approving Purchase Agreement and Right of Re-Entry Agreement for the Sale of Part of Outlot D, Waterfront Village (as presented); subject to City Attorney review.

Further discussion:

Councilmember Riley noted that this is exactly what residents are asking for and he will be wholeheartedly supporting this.

A roll call vote was performed:

Councilmember Buscher	aye
Councilmember Riley	aye
Councilmember Stewart	aye
Councilmember Olson	aye
Councilmember Specht	aye
Councilmember Peters	aye
Mayor Heineman	aye

Motion carried.

8.02: Adopt Resolution #25-003 Approving the Preliminary Plat for Emerald Estates, a Single Family Residential Development Located on 181st Avenue, West of Xenolith Street (Project No. 24-123); Case of Landform Professional Services, LLC

Community Development Director Hanson reviewed the Staff report concerning the preliminary plat for Emerald Estates. She shared the Planning Commission's recommendation of approval.

Councilmember Buscher shared that she supports the plan and is appreciative that they will be preserving the wetlands. She asked if there will be strategies in place to ensure there will not be any negative impacts to the wetlands from the construction itself.

Community Development Director Hanson explained that during the construction process, they are required to have silt fencing around the site so there is no negative impact or runoff into the wetlands.

Councilmember Riley shared that he had the same concern as Anoka County on this project with adding as many driveways as are proposed to the County Road. He asked if the County has to allow this and why they would not look at shared driveways for these homes.

Community Development Director Hanson said that Anoka County would need to allow this; however, they do not have any requirements for the development of the County Road or how many driveways can be off of it.

Councilmember Riley noted that this will also be going in front of the Lower Rum River Watershed Management Organization (LRRWMO) in a few days. He asked if the Council typically approves these items before it is presented to the LRRWMO.

Community Development Director Hanson explained that these projects typically have to go through the preliminary plat process through the Council before the LRRWMO will look at it.

Councilmember Olson shared that same concern as Councilmember Riley with the number of driveways on the County Road. He stated it seems like a bad idea to have so many driveways off of a 55 MPH road.

Councilmember Peters asked how long the plot is along the County Road.

Community Development Director Hanson said she does not know the exact number.

Councilmember Peters explained that when he was on the Planning Commission, he brought up the concern that this is a very dark road. He added that the other side of the road in Nowthen, they are looking to develop this land as well and he assumes this development would add turning lanes and other safety measures.

Zeke Peters, Landform Professional Services, came forward and thanked the Council for their time in reviewing this.

Councilmember Buscher thanked Mr. Peters for coming out this evening to share about this project.

Motion by Councilmember Peters, seconded by Councilmember Buscher, to adopt Resolution #25-003 approving the Preliminary Plat for Emerald Estates.

Further discussion:

Mayor Heineman stated that the case study says there have been seven accidents on this road and only one has been multi-vehicle.

Community Development Director Hanson said this was correct and shared that they reviewed some MnDOT crash mapping and there have been six accidents on this road since 2017 and five of them were single-car accidents.

Mayor Heineman noted that the safety of this road has been a concern but this data makes it seem like it is not an issue.

Councilmember Riley shared that they can quote historical accidents; however, it will be different when they are adding to the population on this road. He said he will not be in support of this.

A roll call vote was performed:

Councilmember Buscher	aye
Councilmember Riley	nay
Councilmember Stewart	aye
Councilmember Olson	nay
Councilmember Specht	aye
Councilmember Peters	aye
Mayor Heineman	aye

Motion carried.

9. MAYOR, COUNCIL AND STAFF INPUT

City Administrator Hagen announced upcoming meetings and events. He shared the EDA Business Networking breakfast on January 29.

Economic Development Manager Sullivan added that they will be having Ben Utecht as the keynote speaker for this event and any business interested in coming can RSVP through Economic Development.

Councilmember Specht encouraged everyone to check out Green Valley Garden Center's winter re-opening this Saturday.

Mayor Heineman thanked former Councilmembers Musgrove, Howell, and Woestehoff, as well as former Mayor Kuzma for everything they did for the City. He shared that the City is also hiring for two police officers.

10. ADJOURNMENT

Motion by Councilmember Olson, seconded by Councilmember Peters, to adjourn the meeting.

A roll call vote was performed:

Councilmember Buscher	aye
Councilmember Riley	aye
Councilmember Stewart	aye
Councilmember Olson	aye
Councilmember Specht	aye
Councilmember Peters	aye
Mayor Heineman	aye

Motion carried.

The regular meeting of the City Council adjourned at 7:40 p.m.

Respectfully submitted,

_____
Brian S. Hagen
City Administrator

ATTEST:

_____
Katie M. Schmidt
City Clerk

Drafted by Ava Major
TimeSaver Off Site Secretarial, Inc.

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

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Create a positive image for residential neighborhoods, business districts and key corridors.

Title

Approve Business License Applications.

Purpose/Background:

The purpose of this case is to obtain City Council approval of business license applications (not including Rental or BRC).

Background: Certain businesses or groups in the City of Ramsey are required to apply for a business license in addition to the Business Registration Certificate (BRC). Other businesses that may require a license, but are not required to have a BRC, may also be included in this approval. Those new license requests and/or renewals are attached for City Council approval.

Notification:

All current business license holders are posted on www.cityoframsey.com once approved.

Funding Source:

License fees are collected at time of application.

Recommendation:

Staff recommends approval of business license applications.

OutcomeAction:

Motion to approve the attached business license applications.

Attachments

Updated Business Licenses

Form Review

Inbox	Reviewed By	Date
Sean Sullivan	Sean Sullivan	01/22/2025 02:19 PM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Wendy Schlueter		Started On: 01/22/2025 10:15 AM
Final Approval Date: 01/23/2025		

Report Name: License Report - License Types
Council Dates: 1/28/2025 to 1/28/2025
Status: Active, Inactive
License Type(s): Mobile Food Unit–90 Days, Mobile Food Unit–Annual, Transient Merchant/Peddler/Solicitor

City of Ramsey
License Report - License Types

Company	DBA	Complex_Name	Applicant	Location	Exp. Date	Council Date	Status
Mobile Food Unit–Annual							
Mestizo Tamall LLC	Mestizo Tamall		Gerardo Tapia-Ortiz		12/31/2025	1/28/2025	A
					Mobile Food Unit–Annual License Count: 1		
Transient Merchant/Peddler/Solicitor							
Renewal by Andersen			Austin M Kolden		12/31/2025	1/28/2025	A
Renewal by Andersen			Samuel J Dimond		12/31/2025	1/28/2025	A
Renewal by Andersen			Savannah Newton		12/31/2025	1/28/2025	A
					Transient Merchant/Peddler/Solicitor License Count: 3		
					Total Licenses: 4		

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Strive for high organizational morale and employee retention

Title:

Authorization to Promote the Police Records Technician/Data Analyst to Crime Data Analyst

Purpose/Background:

The purpose of this case is to promote the City's full-time Police Records Technician/Data Analyst to full-time Crime Data Analyst.

Background: This position was included in the 2025 budget. The Crime Data Analyst is a non-sworn, non-union, exempt, professional position which is needed to provide real-time information to make operational decisions and assist with analysis of investigative data (intelligence-led policing). This position will provide intelligence and real-time crime data for supervisors and command staff to use in making decisions regarding resource deployment and operations.

Under the general direction of the Administrative Captain, the Crime Data Analyst plays a pivotal role in supporting law enforcement operations by analyzing and disseminating crime-related data. Using advanced crime mapping, GIS, and data analysis tools, the analyst provides valuable intelligence to assist in investigations, community policing, and strategic planning.

This position requires a bachelor’s degree in a related field, at least three (3) years of experience in data analysis, crime analysis and a Crime Analyst certificate, as well as a professional attitude, technical expertise, and the ability to foster positive relationships within all department divisions and with external agencies.

Ms. Jamie Hedburg is the current full-time Police Records Technician/Crime Analyst. With this promotion, Ms. Hedburg will become the new full-time Crime Data Analyst. The Police Records Technician/Crime Analyst position will be eliminated. Ms. Hedburg will be subject to a six-month probationary period.

Funding Source:

The funding required for these actions is included in the approved 2025 budget.

Recommendation:

To promote Ms. Jamie Hedburg, effective February 1, 2025, to the City's new full-time Crime Data Analyst at step 2 of the approved wage scale, which is $40.531 per hour.

Outcome/Action:

Motion to authorize promoting Ms. Jamie Hedburg, effective February 1, 2025, to the City's new full-time Crime Data Analyst at step 2 of the approved wage scale, which is $40.531 per hour.

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Brian Hagen	Brian Hagen	01/23/2025 12:52 PM

Form Started By: Colleen Lasher Started On: 01/16/2025 11:12 AM
Final Approval Date: 01/23/2025

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Strive for high organizational morale and employee retention

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Title:

Authorization to Promote the HR Specialist to HR Generalist

Purpose/Background:

The purpose of this case is to promote the City's full-time HR Specialist to full-time HR Generalist. Background: Ms. Sue Hurd, the City's current HR Generalist, is retiring February 7th after 10 years of service. Ms. Hurd has been working and training closely with Ms. Nicole Laubach, the current HR Specialist, for a few months, to assume the HR Generalist role. The HR Generalist is a non-union, non-exempt position which provides important confidential work including, but not limited to:

- Provides human resource services to all city departments and employees, e.g., interpretation of city programs, policies, procedures and labor contract provisions
- Provides administrative support work for Human Resource functions including preparing and sending applicant correspondence, scheduling interviews, preparing materials for the interview panel, and conducting the interviews
- Creates job descriptions, postings, supplemental questions, and scoring plans in NeoGov for all recruitment efforts
- Creates all advertising for recruitments
- Oversees the Random Drug Testing program for all DOT employees
- Maintains all the DOT records in compliance with the US Department of Transportation
- Checks the driver's licenses of all finalists using the DVS Driver & Vehicle Services site, and following the strict guidelines set by the State of Minnesota Department of Public Safety
- Coordinates and monitoring FMLA leave requests and requirements
- Oversees Workers' Compensation recordkeeping and notifications
- Ensures employee forms are complete and the Finance Department is provided with necessary documentation
- Assists with employee benefits
- Utilizes Laserfiche to retrieve data or assist with data searches according to established protocols
- Provides administrative support to Administrative Services for elections
- Maintains employee files and records in accordance with the data practices act and records retention schedule
- Prepares employment verifications
- Serves as the committee assistant to both the Safety Committee and the Labor Management Committee
- Performs special projects as needed within Administrative Services
- Assistant Administrative Services Director with union related work, as needed
- Works with supervisors, as needed

Ms. Nicole Laubach will be subject to a six-month probationary period in her new role; she will be the primary person involved with training the new HR specialist. A case to hire a new HR Specialist will also be considered this evening.

Funding Source:

The funding required for this action is included within the 2025 budget.

Recommendation:

To promote Ms. Nicole Laubach to the position of Human Resources Generalist, effective February 8, 2025, at step 3 of the 2025 wage scale, which is $39.817 per hour.

Outcome/Action:

Authorization to promote Ms. Nicole Laubach to the position of Human Resources Generalist, effective February 8, 2025, at step 3 of the 2025 wage scale, which is $39.817 per hour.

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Brian Hagen	Brian Hagen	01/23/2025 01:48 PM
Form Started By: Colleen Lasher		Started On: 01/08/2025 12:52 PM
Final Approval Date: 01/23/2025		

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Strive for high organizational morale and employee retention

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Title:

Authorization to Fill the HR Specialist Position

Purpose/Background:

The purpose of this case is to hire a new full-time HR Specialist. This action is needed due to Ms. Sue Hurd, the City's former HR Generalist's retirement and Ms. Nicole Laubach's pending promotion to HR Generalist.

An internal and external recruitment was conducted. The City held first and second interviews and conducted the necessary pre-employment background checks. Ms. Anna Green has passed the City's background process and received a conditional job offer, contingent upon the City Council's authorization to hire. Ms. Green possesses extensive public sector experience related to this role. As a result, Ms. Green's offer includes placement on the third tier of the vacation accrual schedule, resulting in a per pay period vacation accrual of 6.15 hours. Ms. Green will be subject to a one-year probationary period.

The HR Specialist is a non-union, non-exempt position working under the general direction of the Administrator Services Director to provide important confidential work including, but not limited to:

- Serve as the main contact for employee benefits
- Oversee the City's OSHA training and safety program and schedules
- Coordinate and track staff training and development
- Organize wellness initiatives and engagement activities
- Monitor employees' progression through the Career Ladder program
- Prepare and submit reports such as salary surveys, benefits reporting, EEO-4 and 1095 reporting and OSHA logs
- Promote the employee assistance program (EAP) and other programs
- Back-up the Human Resources Generalist
- Communicate employee satisfaction and retention concerns to the Administrative Services Director
- Assist with Verifications of employment
- Maintain personnel files and job descriptions
- Scan documents to Laserfiche and to payroll
- Ensure the intranet is up-to-date with required notices, benefits, policies, contracts and committee materials
- Assist with or back-up recruitment processes
- Provide cost-effective recommendations
- Support labor negotiations by preparing data and assisting with correspondence
- Provide support to the Administrative Services team, including front desk coverage
- Assist with election-related tasks
- Complete tasks based on instructions from the Administrative Services Director or designee
- Perform other related duties as assigned

Funding Source:

The funding required for this action is included within the 2025 budget.

Recommendation:

To authorize hiring Ms. Anna Green, effective February 19, 2025, at step two of the wage scale, which is $35.057 and to accrue vacation at the third vacation accrual tier, which is 6.15 per pay period.

Outcome/Action:

Motion to authorize hiring Ms. Anna Green, effective February 19, 2025, at step two of the wage scale, which is $35.057 and to accrue vacation at the third vacation accrual tier, which is 6.15 per pay period.

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Brian Hagen	Kathy Schmitz	01/23/2025 02:16 PM
Colleen Lasher (Originator)	Colleen Lasher	01/27/2025 11:05 AM
Form Started By: Colleen Lasher		Started On: 01/08/2025 12:54 PM
Final Approval Date: 01/27/2025		

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Not Applicable

Title:

Adopt Resolution #25-033 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of January 9, 2025 through January 22, 2025.

Purpose/Background:

Adopt Resolution #25-033 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of January 9, 2025 through January 22, 2025.

Recommendation:

Staff Recommends to Adopt Resolution #25-033 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of January 9, 2025 through January 22, 2025.

Outcome/Action:

Motion to Adopt Resolution #25-033 Approving Cash Disbursements Made and Authorizing Payment of Accounts Payable Invoicing Received During the Period of January 9, 2025 through January 22, 2025.

Attachments

Bills List 1/28/2025

Resolution 25-033

Form Review

Inbox	Reviewed By	Date
Diana Lund	Diana Lund	01/23/2025 07:59 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Jennifer Morrison		Started On: 01/22/2025 02:36 PM
Final Approval Date: 01/23/2025		

RAMSEY CITY COUNCIL MEETING

1.28.25

BILLS LIST

DISBURSEMENTS TO BE APPROVED THIS MEETING:

DISBURSEMENT TYPE:		SUBMITTED FOR APPROVAL
Prepaids 1.9.25 - 1.22.25		$ 431,618.45
Accounts Payable 1.9.25 - 1.22.25		1,193,268.87
Payroll	1.17.25	294,401.23
Debt Service		
Pay Estimates- Projects		1,631,165.67
TOTAL SUBMITTED FOR APPROVAL THIS MEETING (Invoices Available for Reviewal)		**$ 3,550,454.22**

DISBURSEMENTS PREVIOUSLY APPROVED AND PAID:

	APPROVED PREVIOUS MTG	2025 Y.T.D.
PREPAIDS	$ 218,697.39	$ 218,697.39
PREPAID ADJUSTMENTS		
ACCOUNTS PAYABLE INVOICING	449,699.47	449,699.47
ACCT PAYABLE INVOICING ADJUSTMENTS		
NET PAYROLL TOTAL	252,073.19	252,073.19
CORRECTION TO PAYROLL		
DEBT SERVICE		
CORRECTION TO DEBT SERVICE		
PAY ESTIMATE(S) - PROJECTS		
TOTAL CASH DISBURSEMENTS PREVIOUSLY APPROVED	**$ 920,470.05**	**$ 920,470.05**

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Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
120016	**1/9/2025**		**100012 ACE SOLID WASTE INC**							
		95.46	JAN 2025 WASTE SERVICES		129226	11399080T067 JAN 2025	0311.6374		REFUSE/RECYCLING	STREET MAINTENANCE
		556.78	JAN 2025 WASTE SERVICES		129226	11399080T067 JAN 2025	0194.6374		REFUSE/RECYCLING	GENERAL GOVERNMENT BUILDING
		572.72	JAN 2025 WASTE SERVICES		129226	11399080T067 JAN 2025	0452.6374		REFUSE/RECYCLING	PARK & RECREATION
		95.46	JAN 2025 WASTE SERVICES		129226	11399080T067 JAN 2025	9601.6374		REFUSE/RECYCLING	WATER FUND
		95.46	JAN 2025 WASTE SERVICES		129226	11399080T067 JAN 2025	9602.6374		REFUSE/RECYCLING	SEWER FUND
		1,371.00	JAN 2025 WASTE SERVICES		129226	11399080T067 JAN 2025	9604.6249		MISCELLANEOUS OPERATING SUPPLY	RECYCLING FUND
		95.46	JAN 2025 WASTE SERVICES		129226	11399080T067 JAN 2025	9605.6374		REFUSE/RECYCLING	STORM WATER UTILITY
		38,789.08	JANUARY RECYCLING		129231	11399073T067 JAN 2025	9604.6489		OTHER CONTRACTED SERVICES	RECYCLING FUND
		160.68	REFUSE/RECYCLING		129234	11403959T67 JAN 2025	0220.6374		REFUSE/RECYCLING	FIRE PROTECTION
		41,832.10								
120017	**1/9/2025**		**100948 ANOKA COUNTY LICENSE CENTER**							
		29.00	REG FOR #572 FIRE		129214	572	0220.6249		MISCELLANEOUS OPERATING SUPPLY	FIRE PROTECTION
		29.00								
120018	**1/9/2025**		**100167 CORNERSTONE FORD**							
		23.05-	EARLY PAY DISCOUNT		129218	15483752	0211.6257		OTHER VEHICLE PARTS	POLICE PROTECTION
		230.48	MIRROR FOR SQUAD 311		129218	15483752	0211.6257		OTHER VEHICLE PARTS	POLICE PROTECTION
		207.43								
120019	**1/9/2025**		**106583 DELTA DENTAL PLAN OF MINNESOTA**							
		5,014.04	JAN 2025 DENTAL PREMIUMS		129222	RIS0006155169	9101.2170		DENTAL/DISABILITY/LIFE	GENERAL FUND
		5,014.04								
120020	**1/9/2025**		**115607 DVS**							
		15.25	UNMARKED SQUAD 346 TABS		129227	D798719	0211.6249		MISCELLANEOUS OPERATING SUPPLY	POLICE PROTECTION
		15.25								
120021	**1/9/2025**		**115574 HEALTHPARTNERS**							
		2,065.50	JAN 2025 HEALTH PREMIUMS		129223	343214536222	0211.6131		GROUP INSURANCE	POLICE PROTECTION
		106,589.50	JAN 2025 HEALTH PREMIUMS		129223	343214536222	9101.2176		LIFE/HEALTH-EMPLOYEE	GENERAL FUND

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
120021	**1/9/2025**		**115574 HEALTHPARTNERS**						**Continued...**	
		108,655.00								
120022	**1/9/2025**		**117588 MEDART INC**							
		8.13-	FREIGHT ALLOWANCE DISC		129225	08822176	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		94.93	EXMARKS		129225	08822176	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		86.80								
120023	**1/9/2025**		**100351 NCPERS GROUP LIFE INS**							
		336.00	JAN 2025 LIFE INS PREMIUMS		129224	704800012025	9101.2170		DENTAL/DISABILITY/LIFE	GENERAL FUND
		336.00								
120024	**1/9/2025**		**121567 SANDSTROM, STEVEN**							
		200.00	WATER EFF REB 25-S SANDSTROM		129220	01022025	9601.6436		WATER EFFICIENCY REBATE PROG	WATER FUND
		200.00								
120025	**1/9/2025**		**121417 TRACY, KENNETH AND EDITH**							
		59.91	ACCT 729708 7243 162ND LANE		129217	729708	9601.4651		WATER REVENUE	WATER FUND
		59.91								
120026	**1/9/2025**		**121566 VENSLAND, KELLI**							
		200.00	WATER EFF REBATE 25-K VENSLAND		129219	01022025	9601.6436		WATER EFFICIENCY REBATE PROG	WATER FUND
		200.00								
120050	**1/16/2025**		**117700 A HARD DAYS NIGHT TRIBUTE**							
		375.00	7.31.25 CONCERT SERIES DEPOSIT		129493	073125 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SER	LAWFUL GAMBLING
		375.00								
120051	**1/16/2025**		**118476 ACTS-TREME TALENT LLC**							
		225.00	6.19.25 CONCERT SERIES DEPOSIT		129509	061925 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SER	LAWFUL GAMBLING
		225.00								
120052	**1/16/2025**		**118476 ACTS-TREME TALENT LLC**							
		450.00	8.21.25 CONCERT SERIES DEPOSIT		129510	082125 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SER	LAWFUL GAMBLING
		450.00								
120053	**1/16/2025**		**121603 ANDERSON EARL SUSAN, THE ESTATE OF**							
		47.97	ACCT 731147 15840 JUNIPER RIDG		129395	731147	9601.4651		WATER REVENUE	WATER FUND
		47.97								
120054	**1/16/2025**		**115243 ARDEN TITLE LLC**							

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
									Continued...	
120054	1/16/2025		115243 ARDEN TITLE LLC							
		520.79	ACCT 719785 7651 147TH TERRACE		129396	719785	9601.4651		WATER REVENUE	WATER FUND
		520.79								
120055	1/16/2025		121604 BEHM, NICHOLAS AND AUBREE							
		116.10	ACCT 727222 6118 146TH AVE		129397	727222	9601.4651		WATER REVENUE	WATER FUND
		116.10								
120056	1/16/2025		106797 CHEERFUL CHUGGERS 4H CLUB							
		100.00	DAMAGE DEPOSIT REFUND		129533	011325	9101.2201		DEPOSITS PAYABLE	GENERAL FUND
		100.00								
120057	1/16/2025		100167 CORNERSTONE FORD							
		8.60-	EARLY PAY DISCOUNT		129524	15485565	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		86.00	PARKS #678		129524	15485565	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		77.40								
120058	1/16/2025		121605 DUFF, JONATHAN AND CHRISTINA							
		218.78	ACCT 733101 14940 ARGON ST		129398	733101	9601.4651		WATER REVENUE	WATER FUND
		218.78								
120059	1/16/2025		121620 DWYER, RIC LP AND THE 45S LLC							
		300.00	7.10.25 CONCERT SERIES DEPOSIT		129511	071025 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SER	LAWFUL GAMBLING
		300.00								
120060	1/16/2025		121606 EASTMAN, HARRIAN							
		56.08	ACCT 732261 7350 147TH LANE		129399	732261	9601.4651		WATER REVENUE	WATER FUND
		56.08								
120061	1/16/2025		118143 FIRST AMERICAN TITLE INSURANCE CO							
		262.08	ACCT 646856351 14624 JUNKITE S		129400	646856351	9601.4651		WATER REVENUE	WATER FUND
		262.08								
120062	1/16/2025		119497 GLOWING HEARTH & HOME LLC							
		35.00	PERMIT RA060494 CANCEL		129523	192025	9101.4205		BUILDING PERMIT	GENERAL FUND
		1.00	PERMIT RA060494 CANCEL		129523	192025	9101.2081		SURCHARGES-PERMITS	GENERAL FUND
		36.00								
120063	1/16/2025		121607 HAY-BEN PROPERTIES LLC							
		225.62	ACCT 732518 15419 RADIUM ST		129401	732518	9601.4651		WATER REVENUE	WATER FUND
		225.62								

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
120063	**1/16/2025**		**121607 HAY-BEN PROPERTIES LLC**						**Continued...**	
120064	**1/16/2025**		**117308 HELLO! BOOKING INC**							
		360.00	7.3.25 CONCERT SERIES DEPOSIT		129512	070325 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SER	LAWFUL GAMBLING
		360.00								
120065	**1/16/2025**		**121608 IH2 PROPERTY ILLINOIS**							
		30.06	ACCT 723679 16125 NOWTHEN BLVD		129402	723679	9601.4651		WATER REVENUE	WATER FUND
		30.06								
120066	**1/16/2025**		**121609 JOHNSON, MATTHEW**							
		220.79	ACCT 730091 7273 E RAMSEY PKWY		129403	730091	9601.4651		WATER REVENUE	WATER FUND
		220.79								
120067	**1/16/2025**		**121621 JONAH AND THE WHALES**							
		375.00	7.24.25 CONCERT SERIES DEPOSIT		129514	072425 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SER	LAWFUL GAMBLING
		375.00								
120068	**1/16/2025**		**117357 LEGACY TITLE**							
		273.39	ACCT 727457 13640 HEMATITE CIR		129407	727457	9601.4651		WATER REVENUE	WATER FUND
		273.39								
120069	**1/16/2025**		**117358 LEGACY TITLE**							
		54.70	ACCT 734692 14191 XENON ST #11		129404	734692	9601.4651		WATER REVENUE	WATER FUND
		54.70								
120070	**1/16/2025**		**117358 LEGACY TITLE**							
		234.80	ACCT 726708 7281 E RAMSEY PKWY		129405	726708	9601.4651		WATER REVENUE	WATER FUND
		234.80								
120071	**1/16/2025**		**117618 LEGACY TITLE**							
		208.76	ACCT 727601 15337 TUNGSTEN ST		129406	727601	9601.4651		WATER REVENUE	WATER FUND
		208.76								
120072	**1/16/2025**		**100621 MN DNR ECO WATERS MN DNR OMB**							
		21,305.19	2024 WATER APPROP PERMIT		129516	1985-6005 A	9601.6439		OTHER MISCELLANEOUS	WATER FUND
		21,305.19								
120073	**1/16/2025**		**102950 MN RURAL WATER ASSOCIATION**							
		350.00	JOHN NELSON CONFERENCE		129517	2025 MRWA CONF	9601.6335		TRAINING	WATER FUND
		350.00	MATT GRAF CONFERENCE		129517	2025 MRWA CONF	9601.6335		TRAINING	WATER FUND

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
									Continued...	
120073	1/16/2025		102950 MN RURAL WATER ASSOCIATION							
		350.00	JOE MANN CONFERENCE		129517	2025 MRWA CONF	9601.6335		TRAINING	WATER FUND
		1,050.00								
120074	1/16/2025		121610 NYEMA, KORPO							
		152.20	ACCT 731543 14157 COBALT CIR		129408	731543	9601.4651		WATER REVENUE	WATER FUND
		152.20								
120075	1/16/2025		115963 PARTNERS TITLE							
		232.80	ACCT 725890 15769 POTASSIUM ST		129409	725890	9601.4651		WATER REVENUE	WATER FUND
		232.80								
120076	1/16/2025		121611 PEARSON, MELISSA A							
		50.92	ACCT 718479 7444 BUNKER LAKE B		129410	718479	9601.4651		WATER REVENUE	WATER FUND
		50.92								
120077	1/16/2025		121612 RAM CONSTRUCTION LLC							
		39.79	ACCT 735046 7683 147TH TERRACE		129411	735046	9601.4651		WATER REVENUE	WATER FUND
		39.79								
120078	1/16/2025		118008 REALTECH TITLE LLC							
		418.03	ACCT 733787 14225 TUNGSTEN ST		129412	733787	9601.4651		WATER REVENUE	WATER FUND
		418.03								
120079	1/16/2025		121613 SCHMIDT, ZACHARY AND ALEXA							
		387.98	ACCT 730167 15203 FLUORINE ST		129413	730167	9601.4651		WATER REVENUE	WATER FUND
		387.98								
120080	1/16/2025		121622 SIX TO MIDNIGHT MATCHPOINT ENTERTAINMEN							
		300.00	8.7.25 CONCERT SERIES DEPOSIT		129518	080725 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SERLAWFUL GAMBLING	
		300.00								
120081	1/16/2025		121623 TABLE SALT PRODUCTIONS LLC							
		510.00	8.14.25 CONCERT SERIES DEPOSIT		129519	081425 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SERLAWFUL GAMBLING	
		510.00								
120082	1/16/2025		121614 THEREE D'S FAMILY TRUST							
		24.96	ACCT 712656919 15451 NOWTHEN B		129414	712656919	9601.4651		WATER REVENUE	WATER FUND
		24.96								
120083	1/16/2025		119199 TIME MUSIC AGENCY							

1/9/2025 -- 1/22/2025

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
									Continued...	
120083	**1/16/2025**		**119199 TIME MUSIC AGENCY**							
		525.00	6.26.25 CONCERT SERIES DEPOSIT		129520	062625 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SER	LAWFUL GAMBLING
		525.00								
120084	**1/16/2025**		**119199 TIME MUSIC AGENCY**							
		375.00	7.17.25 CONCERT SERIES DEPOSIT		129521	071725 DEPOSIT	9270.6315		MISCELLANEOUS PROFESSIONAL SER	LAWFUL GAMBLING
		375.00								
120085	**1/16/2025**		**121615 TOVSEN, RYAN T**							
		221.35	ACCT 726399 14823 XKIMO ST		129415	726399	9601.4651		WATER REVENUE	WATER FUND
		221.35								
120086	**1/16/2025**		**121616 WONDROW, SCOTT R**							
		13.65	ACCT 725614 16053 XENON ST		129416	725614	9601.4651		WATER REVENUE	WATER FUND
		13.65								
1007459	**1/9/2025**		**116114 AVESIS THIRD PARTY ADMINISTRATORS**							
		326.99	JAN 2025 VISION PREMIUMS		129221	3153808	9101.2170		DENTAL/DISABILITY/LIFE	GENERAL FUND
		326.99								
1007460	**1/9/2025**		**120644 BOWES, MATTHEW**							
		69.68	5/25 & 6/1/24 MILEAGE		129215	2024 ON CALL	0311.6249		MISCELLANEOUS OPERATING SUPPLY	STREET MAINTENANCE
		174.20	6/2, 6/7, 8/31 & 9/3/24 MILEAG		129215	2024 ON CALL	9601.6249		MISCELLANEOUS OPERATING SUPPLY	WATER FUND
		243.88								
1007461	**1/9/2025**		**121560 HODGEMAN, BRANDON**							
		25.59	2.16.24 ON CALL MILEAGE		129216	2024 ON CALL	0312.6267		OTHER STREET MAINTENANCE SUPPLS	SNOW & ICE REMOVAL
		25.59	3.24.24 ON CALL MILEAGE		129216	2024 ON CALL	9601.6249		MISCELLANEOUS OPERATING SUPPLY	WATER FUND
		51.18								
1007462	**1/9/2025**		**119638 O'REILLY AUTO PARTS**							
		.18-	EARLY PAY DISCOUNT		129229	6193-188873	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		9.18	POLICE #312		129229	6193-188873	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		.40-	EARLY PAY DISCOUNT		129230	6193-188972	0312.6257		OTHER VEHICLE PARTS	SNOW & ICE REMOVAL
		19.98	BATT TENDER CABLES		129230	6193-188972	0312.6257		OTHER VEHICLE PARTS	SNOW & ICE REMOVAL
		6.49	GREASE GUN COUPLER		129235	6193-188621A	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		.13-	EARLY PAY DISCOUNT		129235	6193-188621A	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		34.94								
1007463	**1/9/2025**		**111137 WRIGHT HENNEPIN COOPERATIVE ELECTRIC**							
		57.95	FIRE ALARM MONITORING		129232	150-1681-6340	0194.6489		OTHER CONTRACTED SERVICES	GENERAL GOVERNMENT BUILDING

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
1007463	1/9/2025		111137 WRIGHT HENNEPIN COOPERATIVE ELECTRIC						Continued...	
						JAN 2025				
		52.95	PW FIRE PANEL MONT/TEST		129233	150-1681-4280 JAN 2025	0311.6489		OTHER CONTRACTED SERVICES	STREET MAINTENANCE
		52.95	FS#2 FIRE PANEL MONIT		129233	150-1681-4280 JAN 2025	0220.6489		OTHER CONTRACTED SERVICES	FIRE PROTECTION
		37.45	7550 SUNWOOD MONITORING		129233	150-1681-4280 JAN 2025	0194.6489		OTHER CONTRACTED SERVICES	GENERAL GOVERNMENT BUILDING
		36.90	PW MONITORING		129233	150-1681-4280 JAN 2025	0311.6489		OTHER CONTRACTED SERVICES	STREET MAINTENANCE
		48.95	RAMP FIRE PANEL TEST/MONIT		129233	150-1681-4280 JAN 2025	9240.6315		MISCELLANEOUS PROFESSIONAL SER	PARKING RAMP MAINTENANCE
		27.95	YOUTH FIRST FIRE PANEL MONIT		129233	150-1681-4280 JAN 2025	9410.6315	00041012	MISCELLANEOUS PROFESSIONAL SER	RALF FUNDED PROJECTS
		315.10								
1007498	1/16/2025		113306 DEFINITIVE TECHNOLOGY SOLUTIONS INC							
		425.72	PRINTER SUPPORT		129525	INV284815	0192.6405		OFFICE & DATA PROCESSING EQUIP	DATA PROCESSING
		425.72								
1007499	1/16/2025		121559 HERRICK, DAVID							
		21.44	7.28.24 ON CALL MILEAGE		129513	2024 ON CALL MILEAGE	0260.6249		MISCELLANEOUS OPERATING SUPPLY	TRAFFIC ENGINEERING
		21.44	7.29.24 ON CALL MILEAGE		129513	2024 ON CALL MILEAGE	9601.6249		MISCELLANEOUS OPERATING SUPPLY	WATER FUND
		21.44	7.28.24 ON CALL MILEAGE		129513	2024 ON CALL MILEAGE	9602.6334		MILEAGE REIMBURSEMENT	SEWER FUND
		64.32								
1007500	1/16/2025		116846 MC TOOL AND SAFETY SALES							
		1.42-	EARLY PAY DISCOUNT		129529	021330	0194.6231		UNIFORMS & TURN-OUT GEAR	GENERAL GOVERNMENT BUILDING
		142.44	JACKETS		129529	021330	0194.6231		UNIFORMS & TURN-OUT GEAR	GENERAL GOVERNMENT BUILDING
		6.53-	EARLY PAY DISCOUNT		129530	021304	0260.6249		MISCELLANEOUS OPERATING SUPPLY	TRAFFIC ENGINEERING
		121.85	PPE		129530	021304	0311.6231		UNIFORMS & TURN-OUT GEAR	STREET MAINTENANCE
		121.85	PPE		129530	021304	0452.6231		UNIFORMS & TURN-OUT GEAR	PARK & RECREATION
		161.66	MARKING PAINT		129530	021304	0260.6249		MISCELLANEOUS OPERATING SUPPLY	TRAFFIC ENGINEERING
		121.85	PPE		129530	021304	9601.6231		UNIFORMS & TURN-OUT GEAR	WATER FUND
		126.18	MARKING PAINT		129530	021304	9605.6249		MISCELLANEOUS OPERATING SUPPLY	STORM WATER UTILITY
		2.20-	EARLY PAY DISCOUNT		129531	021371	0311.6231		UNIFORMS & TURN-OUT GEAR	STREET MAINTENANCE
		219.70	JACKETS		129531	021371	0311.6231		UNIFORMS & TURN-OUT GEAR	STREET MAINTENANCE
		1,005.38								

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
1007500	**1/16/2025**		**116846 MC TOOL AND SAFETY SALES**						**Continued...**	
1007501	**1/16/2025**		**119638 O'REILLY AUTO PARTS**							
		.97-	EARLY PAY DISCOUNT		129522	6193-189278	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		48.34	BUILDING MAINTENACE #401		129522	6193-189278	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		2.48-	EARLY PAY DISCOUNT		129526	6193-189756	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		124.01	PW STAFF CAR #301		129526	6193-189756	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		2.63-	EARLY PAY DISCOUNT		129527	6193-189772	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		131.38	UTILITIES TRK. #670		129527	6193-189772	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		.32-	EARLY PAY DISCOUNT		129528	6193-189807	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		15.99	PW STAFF CAR #301		129528	6193-189807	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		313.32								
1007502	**1/16/2025**		**100510 VERIZON WIRELESS**							
		45.04	DATA FOR LIFT STATION		129534	6102510062 DEC 2024	9602.6323		CELLULAR PHONES	SEWER FUND
		45.04								
1007503	**1/17/2025**		**100257 LAW ENFORCEMENT LABOR SRV INC**							
		985.50			129120	1231241554492	9101.2177		UNION DUES	GENERAL FUND
		985.50			129501	011625825312	9101.2177		UNION DUES	GENERAL FUND
		1,971.00								
97011525	**1/15/2025**		**108768 COMDATA NETWORK INC**							
		142.93	AMAZON-RENTAL/CE SUPPLIES		129587	DEC 2024 LARSON	0191.6249		MISCELLANEOUS OPERATING SUPPLY	PLANNING & ZONING
		10.99	AMAZON - BIZ NETWORK OPERATION		129588	DEC 2024 SULLIVAN	9230.1550	00923003	PREPAID EXPENSE	ECONOMIC DEVELOPMENT AUTHOI
		21.99	AMAZON - WENDY HEADSET		129588	DEC 2024 SULLIVAN	9230.6580		OTHER EQUIPMENT	ECONOMIC DEVELOPMENT AUTHOI
		5.19	ECM - APG UNION SUBSCRIPTION		129588	DEC 2024 SULLIVAN	9230.6451		MEMBERSHIP DUES	ECONOMIC DEVELOPMENT AUTHOI
		260.00	STAR TRIBUNE- SUBSCRIPTION		129588	DEC 2024 SULLIVAN	9230.6451		MEMBERSHIP DUES	ECONOMIC DEVELOPMENT AUTHOI
		246.71	GASOLINE FUEL		129589	DEC 2024 FIRE FUEL	0220.6223		GASOLINE	FIRE PROTECTION
		3.99	12/10/24 COBORNS CC MEAL		129590	DEC 2024 SCHMITZ	0111.6249		MISCELLANEOUS OPERATING SUPPLY	MAYOR AND COUNCIL
		66.53	12/10/24 MAMADELUCA CC MEAL		129590	DEC 2024 SCHMITZ	0111.6249		MISCELLANEOUS OPERATING SUPPLY	MAYOR AND COUNCIL
		40.40	ACAPULCO - LUNCH FOR INTERVIEW		129591	DEC 2024 FRANKFURTH	0211.6331		TRAVEL & LODGING	POLICE PROTECTION

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
									Continued...	
97011525	1/15/2025		108768 COMDATA NETWORK INC							
		27.03	AMERICAN RED CROSS - TRAINING		129591	DEC 2024 FRANKFURTH	0211.6335		TRAINING	POLICE PROTECTION
		27.03	AMERICAN RED CROSS - TRAINING		129591	DEC 2024 FRANKFURTH	0211.6335		TRAINING	POLICE PROTECTION
		75.00	TLO TRANSUNION - ONLINE INVEST		129591	DEC 2024 FRANKFURTH	0211.6315		MISCELLANEOUS PROFESSIONAL SER	POLICE PROTECTION
		15.98	MENARDS - NOZZLES - PD		129592	DEC 2024 CURTIS	0211.6249		MISCELLANEOUS OPERATING SUPPLY	POLICE PROTECTION
		75.00	MACIA - MEMBERSHIP DUES		129593	DEC 2024 TORSETH	9101.1550		PREPAID EXPENSE	GENERAL FUND
		219.30	AWARDS GIFT-BANQUET AWARDS 202		129594	DEC 2024 KOHNER	9101.1550		PREPAID EXPENSE	GENERAL FUND
		321.81	FIREAWARDS- BANQUET AWARDS		129594	DEC 2024 KOHNER	9101.1550		PREPAID EXPENSE	GENERAL FUND
		132.03	ACAPULCO-OFFICER TRAINING FOOD		129594	DEC 2024 KOHNER	0220.6249		MISCELLANEOUS OPERATING SUPPLY	FIRE PROTECTION
		22.91	AMAZON-PERSONAL PURCHASE		129595	DEC 2024 HANSON	0191.6335		TRAINING	PLANNING & ZONING
		288.66-	AMAZON-PERSONAL ITEMS RETURNS		129595	DEC 2024 HANSON	0191.6335		TRAINING	PLANNING & ZONING
		34.50	MN DOT ANNUAL STICKERS		129596	DEC 2024 TURNER	9101.1550		PREPAID EXPENSE	GENERAL FUND
		6.05	WATER TRUCK #669 BOLTS		129596	DEC 2024 TURNER	0311.6257		OTHER VEHICLE PARTS	STREET MAINTENANCE
		924.59	GORDON ELECTRIC PH#4 HEATER		129597	DEC 2024 NELSON	9601.1550		PREPAID EXPENSE	WATER FUND
		75.20	META, FACEBOOK ADS		129598	DEC 2024 PROULX	0452.6489		OTHER CONTRACTED SERVICES	PARK & RECREATION
		99.30	WALMART, TREE LIGHTING EVENT		129598	DEC 2024 PROULX	0452.6249		MISCELLANEOUS OPERATING SUPPLY	PARK & RECREATION
		340.00	MOWA MEMBERSHIP 2025 KNIGHT		129599	DEC 2024 KNIGHT	9101.1550		PREPAID EXPENSE	GENERAL FUND
		649.93	HOME DEPOT-WINTER WORK JACKETS		129599	DEC 2024 KNIGHT	0240.6231		UNIFORMS & TURN-OUT GEAR	PROTECTIVE INSPECTIONS
		1,200.00	ICC TRAINING-KNIGHT		129599	DEC 2024 KNIGHT	9101.1550		PREPAID EXPENSE	GENERAL FUND
		350.00	UOFM-INSPECTOR TRAIN-HOFFMAN		129599	DEC 2024 KNIGHT	9101.1550		PREPAID EXPENSE	GENERAL FUND
		325.00	MOWA CONVENTION 2025 KNIGHT		129599	DEC 2024 KNIGHT	9101.1550		PREPAID EXPENSE	GENERAL FUND
		5,430.73								
97011725	1/17/2025		118579 ND CHILD SUPPORT DIVISION							
		287.08			129500	0116258253115	9101.2185		GARNISHMENTS/SUPPORT	GENERAL FUND
		287.08								
98011525	1/15/2025		100629 MN DEPT OF REV SALES TX							
		17.88	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9101.4305		RENTAL FEES	GENERAL FUND
		5.36	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9101.4328		ACCIDENT REPORTS	GENERAL FUND
		.69-	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9101.4609		OTHER MISCELLANEOUS REVENUES	GENERAL FUND
		810.31	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9601.2082		SALES/USE TAX PAYABLE	WATER FUND
		29.47	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9601.2085		ANOKA COUNTY TRANSIT TAX .25%	WATER FUND
		29.47	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9601.2086		METRO TAX HOUSING .25%	WATER FUND
		88.41	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9601.2087		METRO TAX TRANSPORTATION .75%	WATER FUND
		2.07	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9601.2082		SALES/USE TAX PAYABLE	WATER FUND
		.07	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9601.2085		ANOKA COUNTY TRANSIT TAX .25%	WATER FUND

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
									Continued...	
98011525	**1/15/2025**		**100629 MN DEPT OF REV SALES TX**							
		.07	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9601.2086		METRO TAX HOUSING .25%	WATER FUND
		.22	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9601.2087		METRO TAX TRANSPORTATION .75%	WATER FUND
		5.36	DEC 2024 SALES/TRANS/USE TAX		129515	01152025	9604.4609		OTHER MISCELLANEOUS REVENUES	RECYCLING FUND
		988.00								
98011725	**1/17/2025**		**115568 ALERUS FINANCIAL NA**							
		9,967.03			129499	0116258253114	9101.2176		LIFE/HEALTH-EMPLOYEE	GENERAL FUND
		9,967.03								
99000063	**1/17/2025**		**101306 IRS**							
		534.07			129240	0110251413312	9101.2171		FEDERAL WITHHOLDING	GENERAL FUND
		1,855.26			129241	0110251413313	9101.2173		FICA & MEDICARE-EMPLOYEE	GENERAL FUND
		1,855.26			129242	0110251413314	9101.2182		FICA & MEDICARE-EMPLOYER	GENERAL FUND
		315.71			129391	0113251425184	9101.2171		FEDERAL WITHHOLDING	GENERAL FUND
		475.21			129392	0113251425185	9101.2173		FICA & MEDICARE-EMPLOYEE	GENERAL FUND
		475.21			129393	0113251425186	9101.2182		FICA & MEDICARE-EMPLOYER	GENERAL FUND
		22,031.48			129495	0116258253110	9101.2182		FICA & MEDICARE-EMPLOYER	GENERAL FUND
		35,510.82			129507	011625825318	9101.2171		FEDERAL WITHHOLDING	GENERAL FUND
		22,031.48			129508	011625825319	9101.2173		FICA & MEDICARE-EMPLOYEE	GENERAL FUND
		85,084.50								
99011025	**1/10/2025**		**107885 DEPARTMENT OF LABOR AND INDUSTRY**							
		6,393.15	DECEMBER 2024 SURCHARGE		129236	011025	9101.2081		SURCHARGES-PERMITS	GENERAL FUND
		127.86-	DECEMBER 2024 SURCHARGE		129237	011025-2	9101.4604		SURCHARGES	GENERAL FUND
		6,265.29								
99011525	**1/15/2025**		**100219 HOME DEPOT COMMERCIAL ACCT PROGRAM**							
		883.38	12.27.24 MISC ITEMS		129417	12272024	9601.6281		SMALL TOOLS & MINOR EQUIPMENT	WATER FUND
		17.67-	EARLY PAY DISCOUNT		129417	12272024	9601.6281		SMALL TOOLS & MINOR EQUIPMENT	WATER FUND
		865.71								
99011725	**1/17/2025**		**107962 TOTAL ADMINISTRATIVE SERV (DO NOT USE)**							
		535.00			129496	0116258253111	9101.2176		LIFE/HEALTH-EMPLOYEE	GENERAL FUND
		535.00								
99034464	**1/17/2025**		**100601 MN DEPT OF REV WH**							
		434.86			129239	0110251413311	9101.2172		STATE WITHHOLDING	GENERAL FUND
		65.28			129390	0113251425183	9101.2172		STATE WITHHOLDING	GENERAL FUND
		16,974.57			129506	011625825317	9101.2172		STATE WITHHOLDING	GENERAL FUND
		17,474.71								

Check #	Date	Amount	Supplier / Explanation	PO #	Doc No	Inv No	Account No	Subledger	Account Description	Business Unit
99034464	1/17/2025		100601 MN DEPT OF REV WH						Continued...	
99063670	1/17/2025		100223 ICMA RETIREMENT TRUST 457							
		1,916.54			129494	011625825311	9101.2175		DEFERRED COMPENSATION	GENERAL FUND
		1,916.54								
99250282	1/17/2025		100301 MN CHILD SUPPORT PAYMENT CNTR							
		266.72			129503	011625825314	9101.2185		GARNISHMENTS/SUPPORT	GENERAL FUND
		266.72								
99257304	1/17/2025		114790 GREAT WEST LIFE AND ANNUITY INS CO							
		15,272.50			129497	0116258253112	9101.2175		DEFERRED COMPENSATION	GENERAL FUND
		15,272.50								
99258705	1/17/2025		114790 GREAT WEST LIFE AND ANNUITY INS CO							
		17,221.08			129498	0116258253113	9101.2176		LIFE/HEALTH-EMPLOYEE	GENERAL FUND
		17,221.08								
99783592	1/17/2025		100398 PUBLIC EMPLOYEES RETIREMENT ASSN							
		75.00			129388	0113251425181	9101.2174		PERA-EMPLOYEE	GENERAL FUND
		75.00			129389	0113251425182	9101.2183		PERA-EMPLOYER	GENERAL FUND
		33,625.22			129504	011625825315	9101.2174		PERA-EMPLOYEE	GENERAL FUND
		44,460.75			129505	011625825316	9101.2183		PERA-EMPLOYER	GENERAL FUND
		78,235.97								
		431,618.45	Grand Total							

Payment Instrument Totals

Checks	187,010.72
EFT Payments	239,810.86
A/P ACH Payment	4,796.87
Total Payments	431,618.45

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Payment Group Control Number 3944
Bank Account 999.1010 CASH IN BANK 00002224
Version LOGIS004V
Originator JMORRISON
Payment Instrument Check Payment
Pay Through Date 1/29/2025

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
119144	ADVANCED ENGINEERING AND ENV SERV (AE2S)		PV	129555	001	00999	1/7/2025	100128	18,603.17		119144	ADVANCED ENGINEE AND ENV SERV (AE2
	ADVANCED ENGINEERING AND ENV SERV 4050 GARDEN VIEW DRIVE STE 200 GRAND FORKS ND 58201							Summary Total	18,603.17			
								Payment Amount	18,603.17			
100021	AMERICAN PUBLIC WORKS ASSN (APWA)		PV	129574	001	00999	1/16/2025	000860649	297.50		100021	AMERICAN PUBLIC WORKS ASSN (APW/
	AMERICAN PUBLIC WORKS ASSN P O BOX 505612 ST LOUIS MO 63150-5612							Summary Total	297.50			
								Payment Amount	297.50			
102953	AMERIGAS OF ANOKA		PV	129463	001	00999	12/31/2024	806137535	102.42		102953	AMERIGAS OF ANOK
	AMERIGAS OF ANOKA P O BOX 660288 DALLAS TX 75266-0288							Summary Total	102.42			
								Payment Amount	102.42			
100046	ANOKA COUNTY SHERIFF'S OFFICE		PV	129371	001	00999	12/27/2024	12272024	950.00		100046	ANOKA COUNTY SHERIFF'S OFFICE
	ANOKA COUNTY SHERIFF'S OFFICE 13301 HANSON BLVD NW ANDOVER MN 55304							Summary Total	950.00			
								Payment Amount	950.00			

Payment Group Control Number 3944
Bank Account 999.1010 CASH IN BANK 00002224
Version LOGIS004V
Originator JMORRISON
Payment Instrument Check Payment
Pay Through Date 1/29/2025

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
111377	ANOKA MUNICIPAL UTILITY		PV	129627	001	00999	1/8/2025	22-990005-01 DEC 2024	78.80		111377	ANOKA MUNICIPAL UTILITY
	ANOKA MUNICIPAL UTILITY			Summary Total					78.80			
	CITY HALL		PV	129628	001	00999	1/8/2025	22-612000-01 DEC 2024	44.26			
	2015 FIRST AVENUE NO			Summary Total					44.26			
	ANOKA MN 55303		PV	129629	001	00999	1/8/2025	22-613120-01 DEC 2024	73.80			
				Summary Total					73.80			
			PV	129630	001	00999	1/8/2025	22-610280-00 DEC 2024	55.61			
				Summary Total					55.61			
				Payment Amount					252.47			
100052	ANOKA POLICE DEPARTMENT		PV	129367	001	00999	1/6/2025	12 2024	175.00		100052	ANOKA POLICE DEPARTMENT
	ANOKA POLICE DEPARTMENT 275 HARRISON STREET ANOKA MN 55303			Summary Total					175.00			
				Payment Amount					175.00			
100063	ASPEN MILLS		PV	129385	001	00999	1/8/2025	346268	240.00		100063	ASPEN MILLS
	ASPEN MILLS			Summary Total					240.00			
	8201 C CENTRAL AVE NE		PV	129549	001	00999	1/9/2025	346412	176.00			
	SPRING LAKE PARK MN 55432			Summary Total					176.00			
				Payment Amount					416.00			

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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
100297	CENTERPOINT ENERGY CENTERPOINT ENERGY P O BOX 4671 HOUSTON TX 77210-4671	6011580-5	PV	129550	001	00999	1/9/2025	6011580-5 DEC 2024	585.38		100297	CENTERPOINT ENEF
				Summary Total					585.38			
			PV	129556	001	00999	1/9/2025	8782239-1 DEC 2024	143.24			
				Summary Total					143.24			
			PV	129558	001	00999	1/9/2025	6702493-5 DEC 2024	6,795.94			
				Summary Total					6,795.94			
			PV	129561	001	00999	1/9/2025	5961540-1 DEC 2024	1,289.35			
				Summary Total					1,289.35			
			PV	129562	001	00999	1/9/2025	5914352-9 DEC 2024	1,030.02			
				Summary Total					1,030.02			
				Payment Amount					9,843.93			
114451	COMPASS MINERALS COMPASS MINERALS P O BOX 277043 ATLANTA GA 30384-7043		PV	129460	001	00999	1/7/2025	1425339	49,090.32		114451	COMPASS MINERALS
				Summary Total					49,090.32			
				Payment Amount					49,090.32			
100167	CORNERSTONE FORD CORNERSTONE FORD 17219 HIGHWAY 10 NW PO BOX 304 ELK RIVER MN 55330	EP DISCOUNT TAKEN	PV	129566	001	00999	1/6/2025	15486581	123.23		100167	CORNERSTONE FOF
				Summary Total					123.23			
		EP DISCOUNT TAKEN	PV	129640	001	00999	1/7/2025	15486820	74.47			
				Summary Total					74.47			
		EP DISCOUNT TAKEN	PV	129641	001	00999	1/9/2025	15487272	12.19			
				Summary Total					12.19			
				Payment Amount					209.89			

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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
112411	COUNTRY SIDE SERVICES OF MN INC		PV	129621	001	00999	1/14/2025	1-110130-01	46.71		112411	COUNTRY SIDE SERVICES OF MN IN
	COUNTRY SIDE SERVICES OF MN INC 6228 HIGHWAY 10 NW RAMSEY MN 55303					Summary Total			46.71			
						Payment Amount			46.71			
118611	DELTA MOD TECH	2-1-25	PV	129623	001	00999	1/17/2025	TIF 1-17	135,338.44		118611	DELTA MOD TECH
	DELTA MOD TECH ATTEN: TOBY FUERST 8445 BUNKER LAKE BLVD NW RAMSEY MN 55303					Summary Total			135,338.44			
						Payment Amount			135,338.44			
111093	DOUGLAS KERR UNDERGROUND LLC	PAY APP 2 25-01 RIVERS BEND SW	PV	129600	001	09292	1/21/2025	25-01 #2	670,167.39		111093	DOUGLAS KERR UNDERGROUND LLC
	DOUGLAS KERR UNDERGROUND LLC P O BOX 85 MORA MN 55051					Summary Total			670,167.39			
						Payment Amount			670,167.39			
119788	ECM UNION HERALD		PV	129659	001	00999	12/31/2024	45098	16.00		119788	ECM UNION HERALD
	ECM UNION HERALD 4095 COON RAPIDS BLVD COON RAPIDS MN 55433-2523					Summary Total			16.00			
						Payment Amount			16.00			

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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
106624	EHLERS AND ASSOCIATES, INC	Inv #1558	PV	129576	001	00999	1/9/2025	1558	2,500.00		106624	EHLERS AND ASSOCIATES, INC
	EHLERS & ASSOCIATES, INC			Summary Total					2,500.00			
	3060 CENTRE POINTE DRIVE	Inv #1559	PV	129577	001	00999	1/9/2025	1559	5,000.00			
	ROSEVILLE MN 55113-1105			Summary Total					5,000.00			
		Inv #1557	PV	129622	001	00999	1/9/2025	1557	775.00			
				Summary Total					775.00			
				Payment Amount					8,275.00			
104267	ELITE SANITATION		PV	129452	001	00999	1/7/2025	31294	138.16		104267	ELITE SANITATION
	ELITE SANITATION			Summary Total					138.16			
	PO BOX 526											
	ELK RIVER MN 55330											
				Payment Amount					138.16			
106962	FIRE		PV	129479	001	00999	1/6/2025	7200	17,250.00		106962	FIRE
	FIRE-FIRE INSTRUCTION & RESCUE EDUCATION			Summary Total					17,250.00			
	12137 NORTHGATE LANE											
	PO BOX 810											
	CROSSLAKE MN 56442											
				Payment Amount					17,250.00			
110760	FIRE SAFETY USA, INC		PV	129481	001	00999	12/24/2024	195815	299.75		110760	FIRE SAFETY USA, I
	FIRE SAFETY USA, INC			Summary Total					299.75			

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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	3253 19TH STREET NW		PV	129482	001	00999	12/24/2024	195816	85.90			
	ROCHESTER MN 55901			Summary Total					85.90			
				Payment Amount					385.65			
117332	HEARTLAND TIRE INC		PV	129470	001	00999	1/6/2025	9054935	141.00		117332	HEARTLAND TIRE IN
	HEARTLAND TIRE INC			Summary Total					141.00			
	7151 RIVERDALE DRIVE NW		PV	129642	001	00999	1/10/2025	9044779	344.00			
	RAMSEY MN 55303			Summary Total					344.00			
			PV	129643	001	00999	1/9/2025	9044746	105.62			
				Summary Total					105.62			
			PV	129645	001	00999	1/10/2025	9044781	344.00			
				Summary Total					344.00			
				Payment Amount					934.62			
119617	HIRSHFIELD'S		PV	129565	001	00999	1/15/2025	22191506	92.24		119617	HIRSHFIELD'S
	HIRSHFIELD'S			Summary Total					92.24			
	725 2ND AVENUE N		PV	129612	001	00999	1/15/2025	22191505	157.71			
	MINNEAPOLIS MN 55405			Summary Total					157.71			
				Payment Amount					249.95			
117451	INKY ELF LLC		PV	129370	001	00999	1/8/2025	13540	985.20		117451	INKY ELF LLC
	INKY ELF LLC			Summary Total					985.20			
	P O BOX 819											
	ANOKA MN 55303											
				Payment Amount					985.20			

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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
100256	LANO EQUIPMENT INC		PV	129461	001	00999	1/3/2025	02-1128113	305.89		100256	LANO EQUIPMENT IN
	LANO EQUIPMENT INC			Summary Total					305.89			
	6140 HIGHWAY 10 NW		PV	129613	001	00999	1/14/2025	02-1129886	139.94			
	ANOKA MN 55303			Summary Total					139.94			
			PV	129614	001	00999	1/16/2025	02-1130430	191.43			
				Summary Total					191.43			
				Payment Amount					637.26			
100259	LEAGUE OF MN CITIES INS TRUST	Acct #40008636	PV	129359	001	00999	12/31/2024	40008636 JAN 2025	326,599.00		100259	LEAGUE OF MN CITI INS TRUST
	LEAGUE OF MN CITIES INS TRUST			Summary Total					326,599.00			
	C/O BERKLEY RISK SERVICES INC											
	P O BOX 581517											
	MINNEAPOLIS MN 55458-1517											
				Payment Amount					326,599.00			
100270	MACQUEEN EQUIPMENT INC		PV	129620	001	00999	1/14/2025	P62077	597.25		100270	MACQUEEN EQUIPM INC
	MACQUEEN EQUIPMENT INC			Summary Total					597.25			
	1125 7TH STREET EAST											
	ST PAUL MN 55106											
				Payment Amount					597.25			
102219	MAGNEY CONSTRUCTION, INC	PAYAPP 19 21-09 WTR TRMNT PLNT	PV	129603	001	09601	1/22/2025	21-09 #19	929,742.74		102219	MAGNEY CONSTRUC INC

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Originator	JMORRISON		
Payment Instrument	Check Payment		
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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	MAGNEY CONSTRUCTION, INC 1401 PARK ROAD CHANHASSEN MN 55317			Summary Total					929,742.74			
				Payment Amount					929,742.74			
112858	MIDWAY FORD		PV	129644	001	00999	1/2/2025	864135	463.10		112858	MIDWAY FORD
	MIDWAY FORD 2777 NORTH SNELLING AVENUE ROSEVILLE MN 55113			Summary Total					463.10			
				Payment Amount					463.10			
100309	MN MAYORS ASSN		PV	129477	001	00999	1/1/2025	01012025	30.00		100309	MN MAYORS ASSN
	MN MAYORS ASSN/LEAGUE OF MN CITIES C/O LEAGUE OF MN CITIES 145 UNIVERSITY AVENUE WEST ST PAUL MN 55103-2044			Summary Total					30.00			
				Payment Amount					30.00			
116078	MPPOA LDF		PV	129661	001	00999	1/2/2025	01022025 MPPOA	70.00		116078	MPPOA LDF
	MPPOA LDF 525 PARK STREET SUITE 250 ST PAUL MN 55103			Summary Total					70.00			
				Payment Amount					70.00			
116078	MPPOA LDF		PV	129662	001	00999	1/2/2025	01022025 LDF	200.00		116078	MPPOA LDF
	MPPOA LDF			Summary Total					200.00			

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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	525 PARK STREET SUITE 250 ST PAUL MN 55103											
				Payment Amount					200.00			
100345	NAPA AUTO PARTS ELK RIVER		PV	129454	001	00999	1/3/2025	277095	30.57		100345	NAPA AUTO PARTS E RIVER
	NAPA AUTO PARTS ELK RIVER 17137 YALE STREET NW			Summary Total					30.57			
			PV	129459	001	00999	1/6/2025	277229	9.19			
	ELK RIVER MN 55330			Summary Total					9.19			
			PV	129465	001	00999	1/6/2025	277232	9.19			
				Summary Total					9.19			
			PD	129472	001	00999	1/29/2025	277373	20.38-			
				Summary Total					20.38-			
			PV	129636	001	00999	1/15/2025	278532	199.99			
				Summary Total					199.99			
				Payment Amount					228.56			
120078	NORTH CENTRAL INTERNATIONAL OF CORCORAN		PV	129457	001	00999	1/3/2025	X225031393	165.81		120078	NORTH CENTRAL INTERNATIONAL OF CORCORAN
	NORTH CENTRAL INTERNATIONAL OF CORCORAN PO BOX 993			Summary Total					165.81			
			PV	129462	001	00999	1/6/2025	X225031417	398.57			
	WILMAR MN 56201			Summary Total					398.57			
				Payment Amount					564.38			
119299	OPPIDAN	2-1-25	PV	129626	001	00999	1/17/2025	TIF 1-18	152,831.14		119299	OPPIDAN

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	OPPIDAN			Summary Total					152,831.14			
	400 WATER STREET SUITE 200											
	EXCELSIOR MN 55331											
				Payment Amount					152,831.14			
112959	PREMIUM WATERS INC		PV	129486	001	00999	12/31/2024	621332-12-24	4.32		112959	PREMIUM WATERS II
	PREMIUM WATERS INC			Summary Total					4.32			
	P O BOX 9128		PV	129487	001	00999	12/31/2024	621331-12-24	43.74			
	MINNEAPOLIS MN 55480-9128			Summary Total					43.74			
				Payment Amount					48.06			
112183	PSD, LLC	2-1-25	PV	129625	001	00999	1/17/2025	TIF Z5	9,333.60		112183	PSD, LLC
	PSD, LLC			Summary Total					9,333.60			
	7533 SUNWOOD DRIVE NW #315											
	RAMSEY MN 55303											
				Payment Amount					9,333.60			
114811	RESIDENCE AT THE COR APARTMENTS LLC	2-1-25	PV	129624	001	00999	1/17/2025	TIF V7	119,247.95		114811	RESIDENCE AT THE APARTMENTS LLC
	RESIDENCE AT THE COR APARTMENTS LLC			Summary Total					119,247.95			
	C/O WEIDNER APARTMENT HOMES											
	9757 NE JUANITA DRIVE SUITE 300											
	KIRKLAND WA 98034											
				Payment Amount					119,247.95			
116804	SAFEASSURE CONSULTANTS INC		PV	129447	001	00999	1/3/2025	3726	9,430.35		116804	SAFEASSURE CONSULTANTS INC

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	SAFEASSURE CONSULTANTS INC 7505 93RD AVENUE NE SPICER MN 56288			Summary Total					9,430.35			
				Payment Amount					9,430.35			
120063	SKYLINE GRAPHICS	12/19/24 Skyline Jan/Feb 25 RR	PV	129387	001	00999	12/19/2024	036160	6,750.00		120063	SKYLINE GRAPHICS
	SKYLINE GRAPHICS 1101 ALDRICH AVE N	01/09/25 Skyline BusCard Sulli		Summary Total					6,750.00			
			PV	129563	001	00999	1/9/2025	036180	75.00			
	MINNEAPOLIS MN 55411			Summary Total					75.00			
				Payment Amount					6,825.00			
117375	STARK, KAREN A		PV	129448	001	00999	1/9/2025	1	35.00		117375	STARK, KAREN A
	KAREN A STARK 6854 139TH LANE NW #6 RAMSEY MN 55303			Summary Total					35.00			
				Payment Amount					35.00			
121043	TRADEWINDS ELECTRIC LLC		PV	129382	001	00999	1/3/2025	25009	1,450.89		121043	TRADEWINDS ELEC LLC
	TRADEWINDS ELECTRIC LLC 21083 BROOK RD NW			Summary Total					1,450.89			
			PV	129557	001	00999	1/7/2025	25012	578.65			
	ELK RIVER MN 55330			Summary Total					578.65			
				Payment Amount					2,029.54			

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119513	TRUCK GEAR USA	SQUAD 340	PV	129569	001	00999	1/2/2025	01022025	126.00		119513	TRUCK GEAR USA
	TRUCK GEAR USA 15560 CLEVELAND ST NW ELK RIVER MN 55330							Summary Total	126.00			
								Payment Amount	126.00			
108239	ULINE		PV	129567	001	00999	1/13/2025	187840161	98.25		108239	ULINE
	ULINE P O BOX 88741 CHICAGO IL 60680-1741							Summary Total	98.25			
								Payment Amount	98.25			
119268	US HOME LLC	REF ERO ESC 8428 151ST LANE	PV	129653	001	00999	1/22/2025	A121128	1,500.00		119268	US HOME LLC
	US HOME LLC							Summary Total	1,500.00			
	16355 36TH AVENUE N SUITE 100	REF ERO ESC 8453 151ST LANE	PV	129654	001	00999	1/22/2025	A121092	1,500.00			
	PLYMOUTH MN 55446							Summary Total	1,500.00			
								Payment Amount	3,000.00			
								Total Amount to be Processed	2,475,865.00			
								Total Number of Payments to be Processed	42			

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115149	ADVANCED FIRST AID INC		PV	129366	001	00999	12/20/2024	125-1002	69.00		115149	ADVANCED FIRST AID INC
	ADVANCED FIRST AID INC 9724 VALE STREET NW MINNEAPOLIS MN 55433			Summary Total					69.00			
				Payment Amount					69.00			
100017	AIRGAS USA, LLC		PV	129467	001	00999	1/7/2025	9157103948	470.24		100017	AIRGAS USA, LLC
	AIRGAS USA LLC P O BOX 734445 CHICAGO IL 60673-4445			Summary Total					470.24			
				Payment Amount					470.24			
110744	ALLINA HEALTH SYSTEM		PV	129488	001	00999	12/31/2024	CI00060555	1,157.75		110744	ALLINA HEALTH SYS
	ALLINA HEALTH SYSTEM MISC BILLING NW 7710 P O BOX 9383 MINNEAPOLIS MN 55440-9383			Summary Total					1,157.75			
				Payment Amount					1,157.75			
117343	AMAZON CAPITAL SERVICES INC		PV	129365	001	00999	1/6/2025	19HD-3VYQ-N3KQ	56.22		117343	AMAZON CAPITAL SERVICES INC
	AMAZON CAPITAL SERVICES INC PO BOX 035184 SEATTLE WA 98124-5184			Summary Total					56.22			
			PV	129381	001	00999	1/6/2025	1WX6-13GF-NFJJ	305.06			
				Summary Total					305.06			
			PV	129458	001	00999	1/6/2025	1HJW-VPLX-NLWR	348.11			
				Summary Total					348.11			

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				Payment Amount					709.39			
107587	ANOKA COUNTY TREASURY DEPARTMENT		PV	129238	001	00999	12/26/2024	ELEC12262419	507.34		107587	ANOKA COUNTY TREASURY DEPARTI
	ANOKA COUNTY TREASURY DEPARTMENT			Summary Total					507.34			
	2100 3RD AVE STE 300		PV	129384	001	00999	1/2/2025	S250102H	10,000.00			
	ANOKA MN 55303-5029			Summary Total					10,000.00			
			PV	129464	001	00999	12/31/2024	ES-00017935	100.00			
				Summary Total					100.00			
			PV	129568	001	00999	1/7/2025	S240314G-2025	36,313.00			
				Summary Total					36,313.00			
				Payment Amount					46,920.34			
106346	BAUER BUILT INCORPORATED		PV	129483	001	00999	1/6/2025	940116742	2,130.32		106346	BAUER BUILT INCORPORATED
	BAUER BUILT INCORPORATED			Summary Total					2,130.32			
	8270 W 35W SERVICE DR NE											
	BLAINE MN 55449											
				Payment Amount					2,130.32			
103641	BOYER TRUCKS		PV	129618	001	00999	1/13/2025	093P26956	7.10		103641	BOYER TRUCKS
	BOYER TRUCKS			Summary Total					7.10			
	P O BOX 335		PV	129635	001	00999	1/15/2025	093P27120	64.96			
	BRIGHTON CO 80601			Summary Total					64.96			
			PV	129638	001	00999	1/16/2025	900S1075	112.75			
				Summary Total					112.75			

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			PV	129639	001	00999	1/16/2025	900S1076	112.75			
				Summary Total					112.75			
			PV	129648	001	00999	1/16/2025	900S1073	225.50			
				Summary Total					225.50			
			PV	129649	001	00999	1/16/2025	900S1074	112.75			
				Summary Total					112.75			
				Payment Amount					635.81			
116845	CADY BUSINESS TECHNOLOGIES INC		PV	129489	001	00999	1/1/2025	104881	39.00		116845	CADY BUSINESS TECHNOLOGIES INC
	CADY BUSINESS TECHNOLOGIES INC 3030 HARBOR LANE SUITE 104 PLYMOUTH MN 55447			Summary Total					39.00			
			PV	129490	001	00999	1/1/2025	104880	584.82			
				Summary Total					584.82			
				Payment Amount					623.82			
116439	CANTEEN VENDING		PV	129379	001	00999	1/7/2025	MSP115105	268.91		116439	CANTEEN VENDING
	CANTEEN VENDING P O BOX 91337 CHICAGO IL 60693-1337			Summary Total					268.91			
				Payment Amount					268.91			
112019	CENTRAL HYDRAULICS INC		PV	129476	001	00999	1/9/2025	00636759	99.22		112019	CENTRAL HYDRAULI INC
	CENTRAL HYDRAULICS INC 21877 INDUSTRIAL COURT			Summary Total					99.22			

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
Version LOGIS004V
Originator JMORRISON
Payment Instrument T A/P ACH Payment
Pay Through Date 1/29/2025

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	ROGERS MN 55374											
				Payment Amount					99.22			
117484	CHET S SHOES LLC		PV	129647	001	00999	1/13/2025	LLC191107	199.71		117484	CHET S SHOES LLC
	CHET S SHOES LLC			Summary Total					199.71			
	8355 UNIVERSITY AVENUE NE											
	SPRING LAKE PARK MN 55432											
				Payment Amount					199.71			
116197	CINTAS CORPORATION		PV	129475	001	00999	1/9/2025	4217382185	95.26		116197	CINTAS CORPORATI
	CINTAS CORPORATION			Summary Total					95.26			
	CINTAS LOC #4K		PV	129560	001	00999	1/10/2025	4217517030	60.14			
	P O BOX 650838			Summary Total					60.14			
	DALLAS TX 75265-0838		PV	129646	001	00999	1/16/2025	4218127691	49.41			
				Summary Total					49.41			
				Payment Amount					204.81			
100120	CONTINENTAL RESEARCH CORP		PV	129380	001	00999	1/9/2025	0060121	252.00		100120	CONTINENTAL RESE CORP
	CONTINENTAL RESEARCH CORP			Summary Total					252.00			
	PO BOX 15204											
	ST LOUIS MO 63110											
				Payment Amount					252.00			
117810	COORDINATED BUSINESS SYSTEMS LTD		PV	129553	001	00999	1/8/2025	INV432797	402.00		117810	COORDINATED BUSI SYSTEMS LTD

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
Version LOGIS004V
Originator JMORRISON
Payment Instrument T A/P ACH Payment
Pay Through Date 1/29/2025

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	COORDINATED BUSINESS SYSTEMS LTD 851 W 128TH STREET BURNSVILLE MN 55337			Summary Total					402.00			
				Payment Amount					402.00			
100144	DEHN OIL COMPANY		PV	129468	001	00999	1/7/2025	113270	2,429.80		100144	DEHN OIL COMPANY
	DEHN OIL COMPANY 6735 141ST AVENUE NW RAMSEY MN 55303			Summary Total					2,429.80			
			PV	129631	001	00999	1/13/2025	113330	2,934.70			
				Summary Total					2,934.70			
			PV	129632	001	00999	1/13/2025	113329	2,457.90			
				Summary Total					2,457.90			
				Payment Amount					7,822.40			
118116	DTN LLC		PV	129469	001	00999	1/8/2025	210-00121769	496.65		118116	DTN LLC
	DTN LLC 18205 CAPITOL AVENUE SUITE 100 OMAHA NE 68022			Summary Total					496.65			
				Payment Amount					496.65			
116175	ECKBERG LAMMERS ATTORNEYS AT LAW	12 2024	PV	129376	001	00999	12/31/2024	12 2024	6,439.83		116175	ECKBERG LAMMERS ATTORNEYS AT LAW
	ECKBERG LAMMERS ATTORNEYS AT LAW 1809 NORTHWESTERN AVENUE STILLWATER MN 55082			Summary Total					6,439.83			
				Payment Amount					6,439.83			

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
Version LOGIS004V
Originator JMORRISON
Payment Instrument T A/P ACH Payment
Pay Through Date 1/29/2025

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
100158	ECM PUBLISHERS iNC	ECM	PV	129656	001	00999	1/10/2025	1031439	102.12		100158	ECM PUBLISHERS IN
	ECM PUBLISHERS INC			Summary Total					102.12			
	4095 COON RAPIDS BLVD	ECM	PV	129658	001	00999	1/10/2025	1031440	118.25			
	COON RAPIDS MN 55433			Summary Total					118.25			
				Payment Amount					220.37			
108737	EMERGENCY AUTOMOTIVE TECHNOLOGY INC		PV	129364	001	00999	11/15/2024	DL111424-24	87.84		108737	EMERGENCY AUTOM TECHNOLOGY INC
	EMERGENCY AUTOMOTIVE TECHNOLOGY INC			Summary Total					87.84			
	2755 GENEVA AVE N	Squad 344	PV	129368	001	00999	1/2/2025	DL11142424B	155.44			
	OAKDALE MN 55128			Summary Total					155.44			
			PV	129369	001	00999	1/7/2025	DL12022427G	2,422.55			
				Summary Total					2,422.55			
		Squad 343	PV	129372	001	00999	12/30/2024	DL12202427E	586.10			
				Summary Total					586.10			
			PV	129373	001	00999	1/6/2025	DL12022427F	2,355.46			
				Summary Total					2,355.46			
		SQUAD 343	PV	129377	001	00999	1/2/2025	DL12022427E	146.16			
				Summary Total					146.16			
				Payment Amount					5,753.55			
100143	FERGUSON WATERWORKS # 2518		PV	129651	001	00999	1/14/2025	0542001	1,370.20		100143	FERGUSON WATERV # 2518
	FERGUSON WATERWORKS 2516			Summary Total					1,370.20			
	P O BOX 802817		PV	129652	001	00999	1/14/2025	0542002	122.20			
	CHICAGO IL 60680-2817			Summary Total					122.20			

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
Version LOGIS004V
Originator JMORRISON
Payment Instrument T A/P ACH Payment
Pay Through Date 1/29/2025

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
				Payment Amount					1,492.40			
106870	FIRE EQUIPMENT SPECIALTIES, INC		PV	129485	001	00999	1/7/2025	21326	3,610.00		106870	FIRE EQUIPMENT SPECIALTIES, INC
	FIRE EQUIPMENT SPECIALTIES, INC 425 BERKSHIRE LANE N PLYMOUTH MN 55441			Summary Total					3,610.00			
			PV	129650	001	00999	1/15/2025	21340	488.00			
				Summary Total					488.00			
				Payment Amount					4,098.00			
100204	GRAFIX SHOPPE		PV	129383	001	00999	1/6/2025	161520	197.94		100204	GRAFIX SHOPPE
	GRAFIX SHOPPE 3225 NEIL ARMSTRONG BLVD STE 600 EAGAN MN 55121			Summary Total					197.94			
				Payment Amount					197.94			
112564	GROUP HEALTH INC WORKSITE		PV	129564	001	00999	1/11/2025	7085008	243.08		112564	GROUP HEALTH INC WORKSITE
	GROUP HEALTH INC WORKSITE M.S. # 21109A P O BOX 1309 MINNEAPOLIS MN 55440-1309			Summary Total					243.08			
				Payment Amount					243.08			
100209	HAKANSON ANDERSON ASSOC INC		PV	129571	001	00999	1/14/2025	54475	35.00		100209	HAKANSON ANDERS ASSOC INC
	HAKANSON ANDERSON ASSOC INC 3601 THURSTON AVENUE			Summary Total					35.00			
			PV	129572	001	00999	1/14/2025	54476	800.00			

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
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Originator JMORRISON
Payment Instrument T A/P ACH Payment
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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	ANOKA MN 55303-1063			Summary Total					800.00			
			PV	129575	001	00999	1/16/2025	54486	8,200.00			
				Summary Total					8,200.00			
				Payment Amount					9,035.00			
100211	HAWKINS INC		PV	129362	001	00999	1/6/2025	6952800	7,132.86		100211	HAWKINS INC
	HAWKINS INC			Summary Total					7,132.86			
	P O BOX 860263		PV	129579	001	00999	1/15/2025	6960244	150.00			
	MINNEAPOLIS MN 55486-0263			Summary Total					150.00			
				Payment Amount					7,282.86			
118946	HOTSY MINNESOTA		PV	129474	001	00999	1/9/2025	23801	30.35		118946	HOTSY MINNESOTA
	HOTSY MINNESOTA			Summary Total					30.35			
	2951 100TH COURT NE SUITE 100											
	BLAINE MN 55449											
				Payment Amount					30.35			
112475	INNOVATIVE OFFICE SOLUTIONS	S27569	PV	129386	001	00999	1/9/2025	IN4736674	14.11		112475	INNOVATIVE OFFICE SOLUTIONS
	INNOVATIVE OFFICE SOLUTIONS			Summary Total					14.11			
	LOCKBOX 131434	S27569	PV	129551	001	00999	1/13/2025	IN4738807	26.73			
	P O BOX 1414			Summary Total					26.73			
	MINNEAPOLIS MN 55480-1414											
				Payment Amount					40.84			
100258	LEAGUE OF MINNESOTA		PV	129616	001	00999	1/6/2025	419996	1,440.00		100258	LEAGUE OF MINNES

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
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Originator JMORRISON
Payment Instrument T A/P ACH Payment
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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	CITIES											CITIES
	LEAGUE OF MN CITIES FINANCE DEPT 145 UNIVERSITY AVE WEST ST PAUL MN 55103-2044			Summary Total					1,440.00			
				Payment Amount					1,440.00			
117425	MAUER MAIN CHEVROLET		PV	129471	001	00999	1/6/2025	5306247	135.41		117425	MAUER MAIN CHEVF
	MAUER MAIN CHEVROLET			Summary Total					135.41			
	435 WEST MAIN STREET		PV	129473	001	00999	1/6/2025	5306244	83.54			
	ANOKA MN 55303			Summary Total					83.54			
				Payment Amount					218.95			
100283	MENARDS COON RAPIDS		PV	129363	001	00999	1/8/2025	34081	98.02		100283	MENARDS COON RA
	MENARDS COON RAPIDS			Summary Total					98.02			
	3045 MAIN STREET		PV	129492	001	00999	1/3/2025	33808	108.76			
	COON RAPIDS MN 55448			Summary Total					108.76			
			PV	129573	001	00999	1/14/2025	34485	115.84			
				Summary Total					115.84			
			PV	129617	001	00999	1/10/2025	34214	7.38			
				Summary Total					7.38			
			PV	129619	001	00999	1/13/2025	34421	13.96			
				Summary Total					13.96			
			PV	129637	001	00999	11/12/2024	30741	9.20			
				Summary Total					9.20			
				Payment Amount					353.16			

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Payment Instrument T A/P ACH Payment
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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
100284	MENARDS ELK RIVER		PV	129360	001	00999	1/2/2025	8324	14.79		100284	MENARDS ELK RIVE
	MENARDS ELK RIVER 19521 EVANS STREET NW ELK RIVER MN 55330-1077			Summary Total					14.79			
			PV	129361	001	00999	1/3/2025	8384	17.14			
				Summary Total					17.14			
			PV	129378	001	00999	1/2/2025	8325	94.01			
				Summary Total					94.01			
			PV	129480	001	00999	1/2/2025	8346	84.22			
				Summary Total					84.22			
				Payment Amount					210.16			
121599	MEND COLLABORATIVE		PV	129554	001	00999	1/13/2025	COR2401-001	6,150.00		121599	MEND COLLABORAT
	MEND COLLABORATIVE 2744 LYNDALE AVE S MINNEAPOLIS MN 55408			Summary Total					6,150.00			
				Payment Amount					6,150.00			
100285	MET COUNCIL ENVIRONMENTAL SRV		PV	129374	001	00999	1/3/2025	0001181418	106,470.79		100285	MET COUNCIL ENVIRONMENTAL SF
	MET COUNCIL ENVIRONMENTAL SRV P O BOX 856513 MINNEAPOLIS MN 55485-6513			Summary Total					106,470.79			
				Payment Amount					106,470.79			
108208	METRO PRODUCTS INC		PV	129455	001	00999	1/2/2025	184144	230.10		108208	METRO PRODUCTS
	METRO PRODUCTS INC			Summary Total					230.10			

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
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Originator JMORRISON
Payment Instrument T A/P ACH Payment
Pay Through Date 1/29/2025

Payee Number	Payee Name / Mailing Address	Stub Message	Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	7401 CENTRAL AVENUE NE		PV	129633	001	00999	1/8/2025	184242	103.14			
	FRIDLEY MN 55432			Summary Total					103.14			
			PV	129634	001	00999	1/8/2025	184243	193.03			
				Summary Total					193.03			
				Payment Amount					526.27			
115375	MUTT MITT		PV	129615	001	00999	1/13/2025	744684	5,399.15		115375	MUTT MITT
	MUTT MITT			Summary Total					5,399.15			
	12316 WORLD TRADE DRIVE SUITE 102											
	SAN DIEGO CA 92128			Payment Amount					5,399.15			
101234	NORTH VALLEY, INC	FINAL PAYAPP3 24-07 2024 PAVMT	PV	129601	001	09435	1/21/2025	FINAL #3 24-07	23,167.63		101234	NORTH VALLEY, INC
	NORTH VALLEY, INC	FINAL PAYAPP3 24-07 2024 PAVMT	PV	129601	002	09435	1/21/2025	FINAL #3 24-07	1,876.16			
	20015 IGUANA STREET NW #100	FINAL PAYAPP3 24-07 2024 PAVMT	PV	129601	003	09435	1/21/2025	FINAL #3 24-07	156.91			
	NOWTHEN MN 55330	FINAL PAYAPP3 24-07 2024 PAVMT	PV	129601	004	09435	1/21/2025	FINAL #3 24-07	955.77			
				Summary Total					26,156.47			
		FINAL PAYAPP 3 24-12 JUNIPER W	PV	129602	001	09435	1/21/2025	FINAL #3 24-12	3,241.80			
		FINAL PAYAPP 3 24-12 JUNIPER W	PV	129602	002	09435	1/21/2025	FINAL #3 24-12	1,444.47			
		FINAL PAYAPP 3 24-12 JUNIPER W	PV	129602	003	09435	1/21/2025	FINAL #3 24-12	140.28			
		FINAL PAYAPP 3 24-12 JUNIPER W	PV	129602	004	09435	1/21/2025	FINAL #3 24-12	272.52			

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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
				Summary Total					5,099.07			
				Payment Amount					31,255.54			
100363	NORTHERN SANITARY SUPPLY CO		PV	129453	001	00999	1/10/2025	210333	476.94		100363	NORTHERN SANITAF SUPPLY CO
	NORTHERN SANITARY SUPPLY CO			Summary Total					476.94			
	341 COON RAPIDS BLVD		PV	129578	001	00999	1/16/2025	210371	243.88			
	MINNEAPOLIS MN 55433			Summary Total					243.88			
				Payment Amount					720.82			
115071	NORTHLAND OCCUPATIONAL HEALTH		PV	129655	001	00999	1/15/2025	24104	100.00		115071	NORTHLAND OCCUPATIONAL HEA
	NORTHLAND OCCUPATIONAL HEALTH			Summary Total					100.00			
	7533 SUNWOOD DRIVE NW SUITE 212		PV	129657	001	00999	1/15/2025	24121	100.00			
	RAMSEY MN 55303			Summary Total					100.00			
				Payment Amount					200.00			
110547	NORTHWEST LIGHTING SYSTEMS CO.		PV	129559	001	00999	1/14/2025	135915	75.00		110547	NORTHWEST LIGHTI SYSTEMS CO.
	NORTHWEST LIGHTING SYSTEMS CO.			Summary Total					75.00			
	736 CRAIG AVENUE											
	TRACY MN 56175											
				Payment Amount					75.00			
110480	OPUS 21 MANAGEMENT SOLUTIONS	Inv #241212	PV	129375	001	00999	1/4/2025	241212	206.23		110480	OPUS 21 MANAGEMI SOLUTIONS

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
Version LOGIS004V
Originator JMORRISON
Payment Instrument T A/P ACH Payment
Pay Through Date 1/29/2025

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	OPUS 21 MANAGEMENT SOLUTIONS 680 COMMERCE DRIVE SUITE 160 WOODBURY MN 55125			Summary Total					206.23			
				Payment Amount					206.23			
112824	PARKPLACE STUDIO		PV	129484	001	00999	1/1/2025	01012025	1,269.00		112824	PARKPLACE STUDIO
	PARKPLACE STUDIO 6093 146TH LANE NW RAMSEY MN 55303			Summary Total					1,269.00			
				Payment Amount					1,269.00			
111488	POPP.COM INC		PV	129491	001	00999	12/31/2024	992862042	190.62		111488	POPP.COM INC
	POPP.COM INC 620 MENDELSSOHN AVE NO SUITE 101 GOLDEN VALLEY MN 55427			Summary Total					190.62			
				Payment Amount					190.62			
107978	PREMIER COMMERCIAL PROPERTIES INC	LEASE FEE GODS KINGDOM	PV	129449	001	00999	12/26/2024	9859	2,327.85		107978	PREMIER COMMERC PROPERTIES INC
	PREMIER COMMERCIAL PROPERTIES INC 299 COON RAPIDS BLVD NW #200 COON RAPIDS MN 55433			Summary Total					2,327.85			
				Payment Amount					2,327.85			
121041	RED WING BUSINESS ADVANTAGE ACCOUNT		PV	129478	001	00999	1/10/2025	20250110114394	450.00		121041	RED WING BUSINES ADVANTAGE ACCOU
	RED WING BUSINESS ADVANTAGE ACCOUNT			Summary Total					450.00			

Payment Group Control Number 3945
Bank Account 999.1010 CASH IN BANK 00002224
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Originator JMORRISON
Payment Instrument T A/P ACH Payment
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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	PO BOX 844329 DALLAS TX 75284-4329											
				Payment Amount					450.00			
116092	ROADKILL ANIMAL CONTROL		PV	129466	001	00999	12/31/2024	12312024	309.00		116092	ROADKILL ANIMAL CONTROL
	ROADKILL ANIMAL CONTROL 520 HAROLD DRIVE BURNSVILLE MN 55337											
				Summary Total					309.00			
				Payment Amount					309.00			
117285	RUM RIVER CONSULTANTS		PV	129450	001	00999	1/5/2025	887	77,846.55		117285	RUM RIVER CONSULTANTS
	RUM RIVER CONSULTANTS 32134 111 1\2 STREET PRINCETON MN 55371											
				Summary Total					77,846.55			
				Payment Amount					77,846.55			
100431	SAFETY KLEEN CORPORATION		PV	129456	001	00999	1/3/2025	R003320824	110.97		100431	SAFETY KLEEN CORPORATION
	SAFETY KLEEN CORPORATION PO BOX 975201 DALLAS TX 75397-5201											
				Summary Total					110.97			
				Payment Amount					110.97			
100440	SHORT ELLIOT HENDRICKSON INC		PV	129570	001	00999	1/6/2025	480388	4,292.96		100440	SHORT ELLIOT HENDRICKSON INC

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Payment Instrument T A/P ACH Payment
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Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Itm	Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
	SHORT ELLIOT HENDRICKSON INC P O BOX 64780 ST PAUL MN 55164-0780			Summary Total					4,292.96			
				Payment Amount					4,292.96			
119121	SLOTH INSPECTIONS INC		PV	129451	001	00999	12/31/2024	12312024	5,703.75		119121	SLOTH INSPECTIONS INC
	SLOTH INSPECTIONS INC 2089 175TH LANE NW ANDOVER MN 55304			Summary Total					5,703.75			
				Payment Amount					5,703.75			
100485	TIMESAVER OFF SITE SECRETARIAL INC		PV	129660	001	00999	1/16/2025	M29803	516.00		100485	TIMESAVER OFF SITE SECRETARIAL INC
	TIMESAVER OFF SITE SECRETARIAL INC 21021 KAROLINE COURT N FOREST LAKE MN 55025			Summary Total					516.00			
				Payment Amount					516.00			
100510	VERIZON WIRELESS		PV	129552	001	00999	1/9/2025	6103185024 DEC 2024	5,030.18		100510	VERIZON WIRELESS
	VERIZON WIRELESS P O BOX 16810 NEWARK NJ 07101-6810			Summary Total					5,030.18			
				Payment Amount					5,030.18			
				Total Amount to be Processed					348,569.54			

Payment Group Control Number	3945		
Bank Account	999.1010	CASH IN BANK	00002224
Version	LOGIS004V		
Originator	JMORRISON		
Payment Instrument	T	A/P ACH Payment	
Pay Through Date	1/29/2025		

Payee Number	Payee Name / Mailing Address	Stub Message	Document Ty	Document Number	Document Itm	Document Co	Due Date	Invoice Number	Payment Amount	Discount Taken	Supplier Number	Supplier Name
Total Number of Payments to be Processed									51			

Checks - 2,475,865.00
ACH - 348,569.54
Total A/P - 2,824,434.54

Councilmember introduced the following resolution and moved for its adoption:

RESOLUTION #25-033

RESOLUTION APPROVING CASH DISBURSEMENTS MADE AND AUTHORIZING PAYMENT OF ACCOUNTS PAYABLE INVOICING RECEIVED DURING THE PERIOD OF JANUARY 9, 2025 THROUGH JANUARY 22, 2025

WHEREAS, the City of Ramsey Finance Department has made cash disbursements and received accounts payable invoicing during the period of January 9, 2025 through January 22, 2025 in the amount of $3,550,454.22 and

WHEREAS, the City Council of the City of Ramsey is required to authorize payment for all disbursement transactions.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1) That the Ramsey City Council hereby approves the cash disbursements made and authorizes payment of the accounts payable invoices as detailed in the attached Bills List for the period January 9, 2025 through January 22, 2025 in the amount of $3,550,454.22.

The motion for adoption of the foregoing resolution was duly seconded by Councilmember , and upon vote being taken thereon, the following voted in favor thereof:

Mayor Heineman
Councilmember
Councilmember
Councilmember
Councilmember
Councilmember
Councilmember

and the following voted against the same:

None

and the following abstained:

None

and the following were absent:

None

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Address infrastructure needs.

Title:

Adopt Resolution #25-020 Approving Plans and Specifications and Authorizing Advertisement for Bids for 2025 Crack Seal Improvements, Improvement Project #25-09

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #25-09 approving plans and specifications and authorizing advertisement for bids for 2025 Crack Seal Improvements, Improvement Project #25-09.

Background:

The City's current pavement maintenance schedule calls for public streets to receive the following maintenance following construction, overlay, or reconstruction:

- Year 2 – Pavement Rejuvenator
- Year 3 – Crack Seal
- Year 5 – Refresh Pavement Markings (If Applicable)
- Year 7 – Crack Seal
- Year 10 – Refresh Pavement Markings (If Applicable)
- Year 14 – Crack Seal
- Year 15 – Refresh Pavement Markings (If Applicable)
- Year 20 – Overlay or Reconstruction

The above schedule is the typical maintenance schedule based off assumed ideal conditions. Staff reviews the condition of all streets annually and adjusts the schedule of maintenance operations based on actual pavement conditions.

Crack seal improvements are completed annually, on between 10 and 23 miles of public street segments to cost-effectively maximize the life of the bituminous pavement.

Crack sealing protects pavement by preventing stormwater runoff from seeping through cracks in the pavement and joints between the pavement and concrete curb and gutter, and utility castings. Reducing future pavement damage due to wet subgrade soils, especially during freeze-thaw cycles.

A total of 19.16 miles of public streets are proposed to receive crack seal improvements in 2025. These street segments were selected based on age, pavement maintenance history, and Pavement and Surface Evaluation Rating (PASER) values. Selected streets generally have PASER values between 7 and 10.

Plans and specifications for the 2025 Crack Seal Improvements were prepared in-house as part of Staff's normal duties. A copy of the plans is attached to this case.

<u>Preliminary Schedule Remaining</u>

- January 28, 2025 City Council approve plans, authorize bidding
- March 3, 2025 Bids are publicly opened
- March 11, 2025 City Council award contract to the lowest responsible bidder

- May 2025 Contractor begins improvements
- June 21, 2025 Contractor completes improvements

The proposed improvements are designated as City Improvement Project #25-09, 2025 Crack Seal Improvements.

Notification:

Staff does not mail letters to property owners for crack seal improvements, since the work occurs quickly and has little to no impact to the traveling public or abutting properties. Engineering Staff will create and maintain a project webpage, which will be updated as new information is made available throughout the project.

Time Frame/Observations/Alternatives:

Observations:

IP 25-09 and IP 25-10 engineer's estimates are based off of final plans and anticipated 2025 construction costs. IP 25-11estimate is a CIP level estimate based off of costs per mile.

Alternatives:

Adopt Resolution #25-09 approving plans and specifications and authorizing advertisement for bids for 2025 Crack Seal Improvements, Improvement Project #25-09.

Funding Source:

The City budgeted $600,000 in 2025 for contracted street maintenance services including; crack sealing, pavement rejuvenation, and refreshing pavement markings.

The estimated costs for pavement maintenance improvements is:

- **IP 25-09 Crack Seal $232,800**
- IP 25-10 Pavement Rejuvenation $249,200
- IP 25-11 MSA Pavement Markings $19,380

- *Total Pavement Maintenance Costs $501,380*
  - *Staff recommends remaining budgeted funds be guided for pavement patching services as needed.*

City Staff proposes to administer and inspect construction in-house, as part of their normal duties.

Recommendation:

On January 21, 2025 the Ramsey Public Works Committee reviewed the 2025 Crack Seal Improvements and recommended City Council approve the final plans and specifications and authorize advertisement for bids.

Staff recommends adopting Resolution #25-09 approving plans and specifications and authorizing advertisement for bids for 2025 Crack Seal Improvements, Improvement Project #25-09.

Outcome/Action:

Motion to adopt Resolution #25-09 approving plans and specifications and authorizing advertisement for bids for 2025 Crack Seal Improvements, Improvement Project #25-09.

Attachments

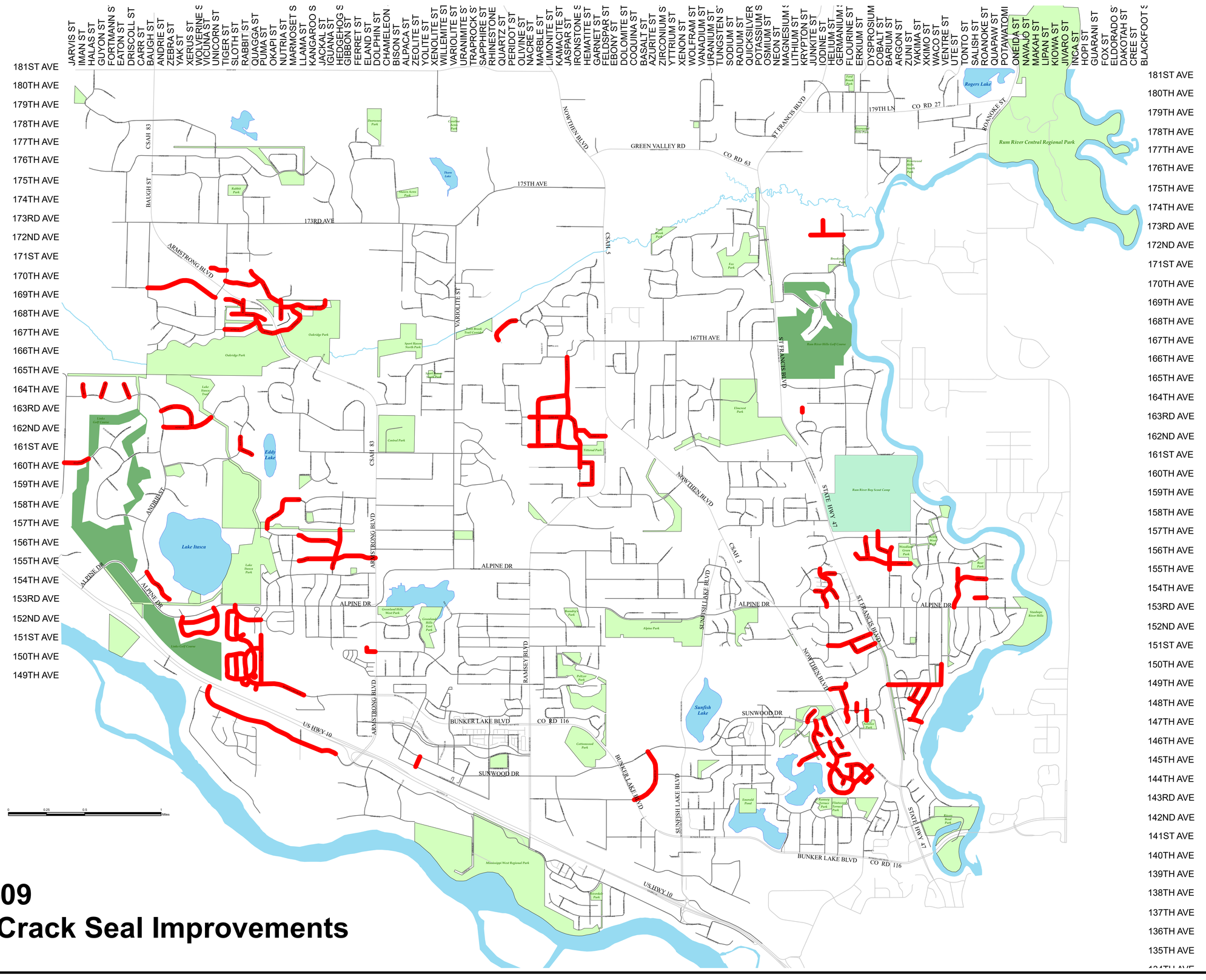
2025 Crack Seal Map

Res 25-020

25-09 Street Summary

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/23/2025 10:05 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Joe Feriancek		Started On: 01/13/2025 01:31 PM
Final Approval Date: 01/23/2025		


JARVIS ST
IMAN ST
HALAS ST
GUYON ST
FORTMANN ST
EATON ST
DRISCOLL ST
CARR ST
BAUGH ST
ANDRIE ST
ZEBRA ST
YAK ST
XERUS ST
WOLVERINE ST
VICUNA ST
UNICORN ST
TIGER ST
SLOTH ST
RABBIT ST
QUAGGA ST
PUMA ST
OKAPI ST
NUTRIA ST
MARMOSET ST
LLAMA ST
KANGAROO ST
JACKAL ST
IGUANA ST
HEDGEHOG ST
GIBBON ST
FERRET ST
ELAND ST
DOLPHIN ST
CHAMELEON ST
BISON ST
ALPACA ST
ZEOLITE ST
YOLITE ST
XENOLITE ST
WILLEMITE ST
VARIOLITE ST
URANIMITE ST
TRAPROCK ST
SAPPHIRE ST
RHINESTONE ST
QUARTZ ST
PERIDOT ST
OLIVINE ST
NACRE ST
MARBLE ST
LIMONITE ST
KAMACITE ST
JASPAR ST
IRONSTONE ST
HEMATITE ST
GARNET ST
FELDSPAR ST
EBONY ST
DOLOMITE ST
COQUINA ST
BASALT ST
AZURITE ST
ZIRCONIUM ST
YTTRIUM ST
XENON ST
WOLFRAM ST
VANADIUM ST
URANIUM ST
TUNGSTEN ST
SODIUM ST
RADIUM ST
QUICKSILVER
POTASSIUM ST
OSMIUM ST
NEON ST
MAGNESIUM ST
LITHIUM ST
KRYPTON ST
JUNKITE ST
IODINE ST
HELIUM ST
GERMANIUM ST
FLOURINE ST
ERKIUM ST
DYSPROSIUM
COBALT ST
BARIUM ST
ARGON ST
ZUNI ST
YAKIMA ST
XKIMO ST
WACO ST
VENTRE ST
UTE ST
TONTO ST
SALISH ST
ROANOKE ST
QUAPAW ST
POTAWATOMI
ONEIDA ST
NAVAJO ST
MAKAH ST
LIPAN ST
KIOWA ST
JIVARO ST
INCA ST
HOPI ST
GUARANI ST
FOX ST
ELDORADO ST
DAKOTAH ST
CREE ST
BLACKFOOT ST
181ST AVE
180TH AVE
179TH AVE
178TH AVE
177TH AVE
176TH AVE
175TH AVE
174TH AVE
173RD AVE
172ND AVE
171ST AVE
170TH AVE
169TH AVE
168TH AVE
167TH AVE
166TH AVE
165TH AVE
164TH AVE
163RD AVE
162ND AVE
161ST AVE
160TH AVE
159TH AVE
158TH AVE
157TH AVE
156TH AVE
155TH AVE
154TH AVE
153RD AVE
152ND AVE
151ST AVE
150TH AVE
149TH AVE
CSAH 83
BAUGH ST
ARMSTRONG BLVD
ANDRIE ST
ALPINE DR
175TH AVE
173RD AVE
167TH AVE
GREEN VALLEY RD
CO RD 63
NOWTHEN BLVD
ST FRANCIS BLVD
179TH LN
CO RD 27
ROANOKE ST
CSAH 5
VARIOLITE ST
RAMSEY BLVD
SUNFISH LAKE BLVD
BUNKER LAKE BLVD
CO RD 116
SUNWOOD DR
US HWY 10
STATE HWY 47
Rogers Lake
Rum River Central Regional Park
Oxbridge Park
Lake Itasca
Lake Itasca Park
Eddy Lake
Sunfish Lake
Rum River Hills Golf Course
Rum River Boy Scout Camp
Mississippi West Regional Park
Alpine Park
Cottonwood Park
Emerald Pond
Stanchour River Hills
Woodland Grove Park
Rabbit Park
Deerwood Park
Cambria Park
Thora Lake
Sierra Acres Park
Fawn Brook Park
Brookview Park
Fox Park
Sport Haven North Park
Lake Haven Trail
Eddy Golf Course
Central Park
Elmcrest Park
Trimont Park
Greenland Hills West Park
Greenland Hills East Park
Hampton Park
Pelican Park
Oxbow Park
Rivers Bend Park
Pine Park
Rockwood Hills North Park
Fawn Brook Trail Corridor
Lake Itasca Trail
Sport Haven North Trail
Greenland Hills Trail
Rum River Trail
Rum River Trail
Rum River

Councilmember ____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-020

RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND AUTHORIZING ADVERTISEMENT FOR BIDS FOR 2025 CRACK SEAL IMPROVEMENTS, IMPROVEMENT PROJECT #25-09

WHEREAS, the City of Ramsey can most cost-effectively maximize the life of the bituminous pavement on public streets by sealing cracks on an annual basis; and

WHEREAS, the City of Ramsey adopted a budget for 2025 includes $600,000.00 for street maintenance contracted services, including to crack seal the bituminous pavement on numerous public street segments in support of the City's Pavement Management Program; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-343, adopted November 26, 2024 the City Council ordered the City Engineer to prepare plans and specifications for 2025 Crack Seal Improvements, Improvement Project #25-09; and

WHEREAS, the City Engineer has prepared plans and specifications for the purpose of advertising for bids for 2025 Crack Seal Improvements, Improvement Project #25-09.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

1) The Ramsey City Council hereby approves plans and specifications prepared by the City Engineer and authorizes advertisement for bids for said improvements as City Improvement Project #25-09, 2025 Crack Seal Improvements.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____ and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____

City Clerk

25-09 2025 CRACK SEAL STREET SUMMARY		
MAP AREA	**Length (miles)**	**CS MATERIAL (LBS)**
MAP AREA A	4.69	33,504
MAP AREA B	5.26	21,343
MAP AREA C	3.08	17,547
MAP AREA D	6.14	40,226
PROJECT TOTAL	**19.16**	**112,619**

MAP AREA A					
SUBDIVISION	**STREET**	**SEGMENT**	**CONCRETE CURB (YES/NO)**	**LENGTH (MILES)**	**CS MATERIAL (LBS)**
COR ONE	YOLITE STREET	SUNWOOD DR / VETERANS DR	YES	0.05	481.1
		COR ONE SUBDIVISION TOTAL		0.05	481
MSA - BUNKER LAKE BOULEVARD & PUMA STREET	BUNKER LAKE BOULEVARD	PUMA ST / JACKAL ST	YES	0.28	2,654.9
	PUMA STREET	BUNKER LAKE BLVD / RABBIT ST	YES	0.23	2,192.4
	PUMA STREET	RABBIT ST / LIFT STATION 8	YES	0.05	440.0
		MSA BUNKER & PUMA TOTAL		0.56	5,287
MSA - RIVERDALE DRIVE	RIVERDALE DRIVE	ARMSTRONG INTERCHANGE / LLAMA ST	YES	0.22	1,300.2
	RIVERDALE DRIVE	U.S. HIGHWAY 10 / LLAM ST	YES	0.78	4,584.3
		MSA - RIVERDALE DRIVE TOTAL		1.00	5,885
NORTHFORK ITASCA SHORES	ANDRIE COURT	ANDRIE ST / CDS	NO	0.23	1,067.6
		NORTHFORK ITASCA SHORES SUBDIVISION TOTAL		0.23	1,068
PRESERVE AT NORTHFORK 1ST & 2ND	151ST LANE	VICUNA ST / WOLVERINE ST	YES	0.22	1,243.9
	152ND LANE	VICUNA ST / WOLVERINE ST	YES	0.24	1,363.0
	VICUNA STREET	151ST LN / 152ND LN	YES	0.10	538.6
	VICUNA STREET	152ND LN / ALPINE DR	YES	0.04	239.6
	WOLVERINE STREET	151ST LN / 152ND LN	YES	0.10	553.4
	WOLVERINE STREET	ALPINE DR / 152ND LN	YES	0.03	194.1
		PRESERVE AT NORTHFORK 1ST & 2ND SUBDIVISION TOTAL		0.73	4,133
RIVERSTONE	149TH AVENUE	RABBIT ST / 150TH AVE	YES	0.09	690.3
	150TH AVENUE	RABBIT ST / E EOP	YES	0.08	603.2
	150TH AVENUE	RABBIT ST / W EOP	YES	0.04	330.1
	150TH LANE	RABBIT ST / W EOP	YES	0.04	273.2
	QUNITANA CIRCLE	150TH AVE / 150TH AVE	YES	0.05	387.6
	QUNITANA COURT	RABBIT ST / CDS	YES	0.04	392.9
	RABBIT STREET	150TH AVE / N EOP	YES	0.15	1,122.9
	RABBIT STREET	PUMA ST / 150TH AVE	YES	0.10	807.3
	RABBIT STREET	S EOP / PUMA ST	YES	0.11	943.7
RIVERSTONE 2ND	149TH AVENUE	E EOP / W EOP	YES	0.07	555.2
	150TH LANE	E EOP / W EOP	YES	0.10	761.9
	SNOWY OWL STREET	149TH AVE / 150TH LN	YES	0.16	1,210.2
RIVERSTONE 3RD	TIGER STREET	149TH AVE / 150TH LN	YES	0.14	1,060.7
RIVERSTONE 4TH	151ST AVENUE	QUINTANA ST / CDS	YES	0.04	447.8
	152ND AVENUE	PUMA ST / W EOP	YES	0.07	531.8
	QUINTANA STREET	149TH CRT / RABBIT ST	YES	0.13	996.6
	QUINTANA STREET	RABBIT ST / 151ST AVE	YES	0.12	969.7
	SNOWY OWL STREET	151ST AVE / N EOP	YES	0.09	681.9
RIVERSTONE 5TH	151ST AVENUE	SNOWY OWL ST / RABBIT ST	YES	0.07	552.6
	152ND AVENUE	ALPINE DR / E EOP	YES	0.15	1,171.0
	152ND LANE	152ND AVE / TIGER ST	YES	0.05	375.0
	SNOWY OWL STREET	152ND AVE / S EOP	YES	0.07	512.7
	TIGER STREET	151ST AVE / 152ND LN	YES	0.17	1,272.3
		RIVERSTONE 1ST, 2ND, 3RD, 4TH & 5TH SUBDIVISION TOTAL		2.12	16,651
		MAP AREA A TOTAL		**4.69**	**33,504**

MAP AREA B					
SUBDIVISION	**STREET**	**SEGMENT**	**CONCRETE CURB (YES/NO)**	**LENGTH (MILES)**	**CS MATERIAL (LBS)**
AUTUMN HEIGHTS	167TH LANE	ARMSTRONG BLVD / 168TH LN	NO	0.27	577.6
	167TH LANE	PUMA ST / ARMSTRONG BLVD	NO	0.17	396.4
	167TH LANE	W EOP / PUMA ST	NO	0.23	490.7
	168TH AVENUE	PUMA ST / CDS	NO	0.06	212.3
	168TH AVENUE	RABBIT ST / CDS	NO	0.07	244.2
	168TH AVENUE	RABBIT ST / PUMA ST	NO	0.09	182.6
	168TH LANE	167TH LN / N EOP	NO	0.26	591.1
	168TH LANE	NUTRIA ST / 167TH LN	NO	0.07	145.5
	169TH AVENUE	W EOP / RABBIT ST	NO	0.12	281.8
	NUTRIA STREET	168TH LN / CDS	NO	0.08	231.2
	NUTRIA STREET	N EOP / 168TH LN	NO	0.04	90.0
	PUMA STREET	167TH LN / 168TH AVE	NO	0.04	94.0
	RABBIT STREET	168TH AVE / ARMSTRONG BLVD	NO	0.09	200.5
		AUTUMN HEIGHTS SUBDIVISION TOTAL		1.58	3,738
NORTHFORK	164TH LANE	E EOP / ANDRIE ST	NO	0.10	434.5
	DRISCOLL CIRCLE	164TH LN / CDS	NO	0.09	491.3
	FORTMANN CIRCLE	164TH LN / CDS	NO	0.09	477.6
	HALAS CIRCLE	164TH LN / CDS	NO	0.07	427.9
		NORTHFORK SUBDIVISION TOTAL		0.35	1,831
NORTHFORK HIGHLANDS 2ND	INVERNESS LANE	JARVIS ST / E EOP	NO	0.16	1,179.9
		NORTHFORK HIGHLANDS 2ND SUBDIVISION TOTAL		0.16	1,180
NORTHFORK OAKS	160TH COURT	ROYAL RD / CDS	NO	0.08	433.5
	ROYAL ROAD	160TH CRT / E EOP	NO	0.10	430.5
		NORTHFORK OAKS SUBDIVISION TOTAL		0.18	864
NORTHFORK THIRD	162ND LANE	ANDRIE ST / WOLVERINE ST	NO	0.18	765.0
	162ND LANE	WOLVERINE ST / E EOP	NO	0.14	599.3
	164TH LANE	WOLVERINE ST / W EOP	NO	0.08	320.0
	WOLVERINE STREET	162ND LN / 164TH LN	NO	0.12	504.6
		NORTHFORK THIRD SUBDIVISION TOTAL		0.52	2,188.8
RUM RIVER PRAIRIE	169TH LANE	BAUGH ST / TIGER ST	NO	0.48	1,360.2
	170TH COURT	TIGER ST / CDS	NO	0.10	568.1
		RUM RIVER PRARIE SUBDIVISION TOTAL		0.58	1,928
THE NORTH FORTY 2ND	158TH LANE	NE PC OKAPI ST & 158TH LN / E EOP	NO	0.10	438.3
	OKAPI STREET	S EOP / NE PC 158TH LN & OKAPI ST	NO	0.23	975.3
		THE NORTH FORTY 2ND SUBDIVISION TOTAL		0.33	1,414
THE NORTH FORTY 3RD	155TH LANE	W EOP / ARMSTRONG BLVD	NO	0.50	2,106.7
	156TH LANE	W EOP / HEDGEHOG ST	NO	0.27	1,139.9
	HEDGEHOG STREET	S EOP / N EOP	NO	0.20	1,617.6
	IGUANA STREET	S EOP / N EOP	NO	0.06	241.8
		THE NORTH FORTY 3RD SUBDIVISION TOTAL		1.03	5,106
TIGER MEADOWS	RABBIT STREET	170TH AVE / NUTRIA ST	YES	0.21	1,235.2
	RABBIT STREET	170TH AVE / N EOP	YES	0.07	509.7
	170TH AVENUE	TIGER ST / RABBIT ST	YES	0.23	1,348.5
		TIGER MEADOWS SUBDIVISION TOTAL		0.51	3,093
		MAP AREA B TOTAL		**5.26**	**21,343**

MAP AREA C					
SUBDIVISION	**STREET**	**SEGMENT**	**CONCRETE CURB (YES/NO)**	**LENGTH (MILES)**	**CS MATERIAL (LBS)**
BROOKFIELD 8TH	168TH CIRCLE	OLIVINE ST / CDS	YES	0.23	1,451.8
		BROOKFIELD 8TH SUBDIVISION TOTAL		0.23	1,452
COVENANT MEADOWS	172ND LANE	GERMANIUM ST / CDS	NO	0.21	704.8
	IODINE STREET	172ND LN / CDS	NO	0.10	367.7
		COVENANT MEADOWS SUBDIVISION TOTAL		0.31	1,073
ESTATES OF SILVER OAKS 2ND	LITHIUM STREET	S EOP / CDS	YES	0.06	421.4
		ESTATES OF SILVER OAKS 2ND SUBDIVISION TOTAL		0.06	421
SECTION 15 UNPLATTED	159TH LANE	JASPAR ST / IRONSTONE ST	NO	0.08	450.5
	160TH LANE	JASPAR ST / IRONSTONE ST	NO	0.08	443.9
	161ST LANE	W SEC LINE / JASPAR ST	NO	0.33	1,930.6
	162ND LANE	JASPAR ST / RAMSEY BLVD	NO	0.20	1,153.9
	163RD AVENUE	W SEC LINE / JASPAR ST	NO	0.26	1,610.1
	164TH AVENUE	NE PC MARBLE ST / JASPAR ST	NO	0.18	1,066.5
	IRONSTONE STREET	159TH LN / 160TH LN	NO	0.14	814.6
	JASPAR STREET	160TH LN / 161ST LN	NO	0.12	715.9
	JASPAR STREET	161ST LN / 166TH AVE	NO	0.62	3,584.9
	KAMACITE STREET	163RD AVE / 161ST LN	NO	0.18	1,088.5
	MARBLE STREET	161ST LN / NE PC 164TH AVE	NO	0.30	1,741.8
		SECTION 15 UNPLATTED SUBDIVISION TOTAL		2.48	14,601
		MAP AREA C TOTAL		**3.08**	**17,547**

MAP AREA D					
SUBDIVISION	**STREET**	**SEGMENT**	**CONCRETE CURB (YES/NO)**	**LENGTH (MILES)**	**CS MATERIAL (LBS)**
MSA - SUNWOOD DRIVE & WACO STREET	SUNWOOD DRIVE	TH 47 / WACO STREET	YES	0.33	2,073.8
	WACO STREET	SUNWOOD DRIVE / 150TH AVE	YES	0.15	973.2
		MSA - SUNWOOD DRIVE & WACO STREET TOTAL		0.48	3,047
RAMSEY COMMONS 2ND	148TH LANE	E EOP / CDS	YES	0.08	1,214.5
		RAMSEY COMMONS 2ND SUBDIVISION TOTAL		0.08	1,215
RIVERSBEND	147TH LANE	W EOP / XKIMO ST	YES	0.02	182.5
	147TH LANE	XKIMO ST / WACO ST	YES	0.06	453.5
	148TH AVENUE	W EOP / XKIMO ST	YES	0.07	585.1
	XKIMO STREET	149TH AVE / 147TH LN	YES	0.25	1,993.3
	YAKIMA STREET	149TH AVE / 148TH AVE	YES	0.10	471.8
		RIVERSBEND SUBDIVISION TOTAL		0.51	3,686
SECTION 24 UNPLATTED	151ST AVENUE	NW PC FLUORINE ST / SERVICE RD	NO	0.13	484.9
	152ND AVENUE	SERVICE RD / TERMINI	NO	0.25	1,305.3
	FLUROINE STREET	152ND AVE / 151ST AVE	NO	0.08	303.1
		SECTION 24 UNPLATTED SUBDIVISION TOTAL		0.46	2,093
STANHOPE TERRACE	153RD COURT	ROANOKE ST / CDS	YES	0.07	471.4
	154TH AVENUE	UTE ST / ROANOKE ST	YES	0.18	1,023.5
	UTE STREET	153RD AVE / N EOP	YES	0.26	1,561.5
		STANHOPE TERRACE SUBDIVISION TOTAL		0.51	3,056
SUNFISH LAKE BUSINESS PARK 2ND	AZURITE STREET	BUNKER LAKE BLVD / SUNWOOD DR	YES	0.38	2,638.6
		SUNFISH LAKE BUSINESS PARK 2ND SUBDIVISION TOTAL		0.38	2,639
SUNFLOWER RIDGE	154TH AVENUE	IODINE ST / W EOP	YES	0.09	504.5
	154TH LANE	IODINE ST / E EOP	YES	0.06	327.7
	GERMANIUM STREET	IODINE ST / E EOP	YES	0.04	252.6
	IODINE STREET	ALPINE DR / 155TH LN	YES	0.29	1,707.4
		SUNFLOWER RIDGE SUBDIVISION TOTAL		0.48	2,792
SUNNY PONDS	148TH LANE	GERMANIUM ST / W EOP	YES	0.05	628.3
	ERKIUM STREET	SUNWOOD DR / S END CDS	YES	0.06	964.0
	FLUORINE STREET	SUNWOOD / N END CDS	YES	0.04	591.1
	GERMANIUM STREET	SUNWOOD DR / 148TH LN	YES	0.14	1,959.2
	GERMANIUM STREET	SUNWOOD DR / S END CDS	YES	0.08	1,227.3
	GERMANIUM STREET	148TH LN / N EOP	YES	0.05	628.3
		SUNNY PONDS SUBDIVISION TOTAL		0.41	5,998
THE PONDS OF RAMSEY	144TH AVENUE	IODINE ST / CDS	YES	0.03	283.5
	144TH AVENUE	IODINE ST / FLUORINE ST	YES	0.13	793.5
	144TH AVENUE	IODINE ST E. / FLUORINE ST	YES	0.04	217.4
	144TH COURT	144TH AVE / CDS	YES	0.04	297.6
	144TH WAY	IODINE ST N / IODINE ST S	YES	0.14	825.8
	145TH AVENUE	FLUORINE ST / CDS	YES	0.04	301.3
	145TH AVENUE	IODINE ST / FLUORINE ST	YES	0.11	665.6
	FLUORINE STREET	145TH AVE / 144TH AVE	YES	0.09	514.7
	IODINE STREET	144TH AVE E. / 144TH AVE W.	YES	0.33	1,962.9
	IODINE STREET	144TH AVE W / W EOP	YES	0.06	328.0
	IODINE STREET	144TH WAY S. / 144TH WAY E.	YES	0.05	283.3
	IODINE STREET	145TH AVE / 144TH WAY	YES	0.06	356.7
	IODINE STREET	NOWTHEN BLVD / 145TH AVE	YES	0.04	301.9
		THE PONDS OF RAMSEY SUBDIVISION TOTAL		1.16	7,132
WOOD POND HILLS 2ND, 3RD, 4TH, & 5TH	145TH CIRCLE	IODINE ST / CDS	YES	0.08	451.3
	145TH COURT	JUNKITE ST / W EOP	YES	0.16	876.8
	146TH CIRCLE	JUNKITE ST / CDS	YES	0.04	256.2
	HELIUM COURT	146TH CIR / S EOP	YES	0.05	322.7
	IODINE STREET	145TH CIR / S EOP	YES	0.02	107.6
	IODINE STREET	146TH AVE / 145TH CIR	YES	0.10	523.9
	IODINE STREET	SUNWOOD DR / CDS	YES	0.11	605.9
	JUNKITE STREET	145TH CRT / 146TH AVE	YES	0.04	195.5
	JUNKITE STREET	145TH CRT / CDS	YES	0.03	229.0
	JUNKITE STREET	146TH CIR / 146TH AVE	YES	0.10	491.8
	JUNKITE STREET	SUNWOOD DR / 146TH AVE	YES	0.07	350.3
	KRYPTON COURT	SUNWOOD DR / CDS	YES	0.08	472.2
		WOOD POND HILLS 2ND, 3RD, 4TH, & 5TH SUBDIVISION TOTAL		0.89	4,883
WOODLAND GREEN	155TH LANE	CDS / E EOP	NO	0.37	1,690.8
	BARIUM STREET	S EOP / CDS	NO	0.14	795.4
	COBALT STREET	BARIUM ST / 156TH LN	NO	0.14	600.4
	ERKIUM STREET	155TH LN / 156TH LN	NO	0.13	597.6
		WOODLAND GREEN SUBDIVISION TOTAL		0.78	3,684.2
		MAP AREA D TOTAL		**6.14**	**40,226**

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Address infrastructure needs.

Title:

Adopt Resolution #25-021 Approving Plans and Specifications and Authorizing Advertisement for Bids for 2025 Pavement Rejuvenation Improvements, Improvement Project #25-10

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #25-021 approving plans and specifications and authorizing advertisement for bids for 2025 Pavement Rejuvenation Improvements, Improvement Project #25-10.

Background:

The City's current pavement maintenance schedule calls for public streets to receive the following maintenance following construction, overlay, or reconstruction:

- Year 2 – Pavement Rejuvenator
- Year 3 – Crack Seal
- Year 5 – Refresh Pavement Markings (If Applicable)
- Year 7 – Crack Seal
- Year 10 – Refresh Pavement Markings (If Applicable)
- Year 14 – Crack Seal
- Year 15 – Refresh Pavement Markings (If Applicable)
- Year 20 – Overlay or Reconstruction

The above schedule is the typical maintenance schedule based off assumed ideal conditions. Staff reviews the condition of all streets annually and adjusts the schedule of maintenance operations based on actual pavement conditions.

Rejuvenator Use History

In 2019, the City Council indefinitely suspended seal coat improvements due to observed issues of pavement striping under seal coat, which causes approximately the top inch of pavement to strip away from underlying pavement. These areas of striping originally show as small spots in the surface of the pavement, but quickly migrate across the pavement into larger sections.

In alignment with many other metro cities confronted with these same pavement issues, Staff feels pavement rejuvenators provide the greatest overall benefit at the lowest cost. Staff proposes to continue to use Reclamite, a maltene-based petroleum product with the ability to penetrate into asphalt pavement and restore reactive components (maltenes) which have been lost due to the natural process of oxidation.

Reclamation has been used nationally for over 5 decades and is proven to add 5 to 7 years of service life to pavements. The application is intended to be performed on pavements 5 years old or less, though several cities are completing pilot project applications on pavement sections older than 5 years. Additionally, staff is aware an ongoing study for considering a 2nd Reclamite treatment to further extend the useful service life of pavements. Staff will continue to monitor such applications and adjust future projects within the City of Ramsey based on observed results.

Future Considerations

Regional contractors have taken note of metro Cities moving away from seal coating and toward pavement rejuvenators, and as a result serval newer products are becoming available in our region. The Minnesota Local Road Research Board (LRRB), with the assistance of MnROAD's, is two years into an evaluation of proprietary rejuvenators, including the most commonly used product in the metro area, Reclamite. Early results indicate Reclamite is performing well in Minnesota. Ideally, once the evaluation is complete, additional reliable products will result in a competitive bidding market. Because of its proven track record, and the potential risks associated with using new products, staff recommends continuing to use Reclamite on all street segments proposed to receive pavement rejuvenator.

2025 Proposed Rejuvenation Improvements

Plans for the 2025 Pavement Rejuvenation Improvements are attached to this case. A total of 9.70 miles of public street segments and 2 parking lots are proposed to receive pavement rejuvenation. Over the last 2 seasons, the City has been playing "catch-up" on streets which did not receive a pavement rejuvenator on schedule. In 2025, nearly all proposed streets are receiving the treatment the 2nd year after construction, reconstruction, or overlay per the proposed street maintenance schedule. Final plans and specifications were prepared in-house as part of staff's normal duties.

Preliminary Schedule Remaining

- January 28, 2025 City Council approve plans, authorize bidding
- March 3, 2025 Bid opening, City Council award contracts
- March 11, 2025 City Council awards contract to the lowest responsible bidder
- July 1, 2025 Contractor may begin improvements
- August 30, 2025 Contractor completes improvements

The proposed improvements are designated as 2025 Pavement Rejuvenation Improvements, Improvement Project #25-10.

Notification:

Letters will not be mailed out to affected property owners until Council awards the contract for the project.

Time Frame/Observations/Alternatives:

Observations:

IP 25-10 and IP 25-09 engineer's estimates are based off of final plans and anticipated 2025 construction costs. IP 25-11 estimate is a CIP level estimate based off of costs per mile.

Alternatives:

Motion to adopt Resolution #25-021 approving plans and specifications and authorizing advertisement for bids for 2025 Pavement Rejuvenation Improvements, Improvement Project #25-10.

Funding Source:

The City budgeted $600,000 in 2025 for contracted street maintenance services including; crack sealing, pavement rejuvenation, and refreshing pavement markings.

The preliminary estimated costs for pavement maintenance improvements is:

- IP 25-09 Crack Seal $232,800
- **IP 25-10 Pavement Rejuvenation $249,200**
- IP 25-11 MSA Pavement Markings $19,380

- *Total Pavement Maintenance Costs $501,380*
  - *Staff recommends remaining budgeted funds be guided for pavement patching services as needed.*

City Staff proposes to administer and inspect construction in-house, as part of their normal duties.

Recommendation:

On January 21, 2025 the Ramsey Public Works Committee reviewed the 2025 Pavement Rejuvenation Improvements, and recommended City Council approve the plans and specifications and authorize advertisement for bids.

Staff recommends adopting Resolution #25-021 approving plans and specifications and authorizing advertisement for bids for 2025 Pavement Rejuvenation Improvements, Improvement Project #25-10.

Outcome/Action:

Motion to adopt Resolution #25-021 approving plans and specifications and authorizing advertisement for bids for 2025 Pavement Rejuvenation Improvements, Improvement Project #25-10.

Attachments

Res 25-021

25-10 Final Plans

25-10 Street Summary

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/23/2025 10:06 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Joe Feriancek		Started On: 01/13/2025 01:33 PM
Final Approval Date: 01/23/2025		

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-021

RESOLUTION APPROVING PLANS AND SPECIFICATIONS AND AUTHORIZING ADVERTISEMENT FOR BIDS FOR 2025 PAVEMENT REJUVENATION IMPROVEMENTS, IMPROVEMENT PROJECT #25-10

WHEREAS, the City of Ramsey can most cost-effectively maximize the life of the bituminous pavement on public streets by applying pavement rejuvenators; and

WHEREAS, the City of Ramsey adopted budget for 2025 includes $600,000.00 for street maintenance contracted services, including to apply pavement rejuvenator on numerous public street segments in support of the City's Pavement Management Program; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-344, adopted November 26, 2024 the City Council ordered the City Engineer to prepare plans and specifications for 2025 Pavement Rejuvenation Improvements Improvement Project #25-10; and

WHEREAS, the City Engineer has prepared plans and specifications for the purpose of advertising for bids for 2025 Pavement Rejuvenation Improvements, Improvement Project #25-10.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

1) The Ramsey City Council hereby approves plans and specifications prepared by the City Engineer and authorizes advertisement for bids for said improvements as City Improvement Project #25-10, 2025 Pavement Rejuvenation Improvements.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____ and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

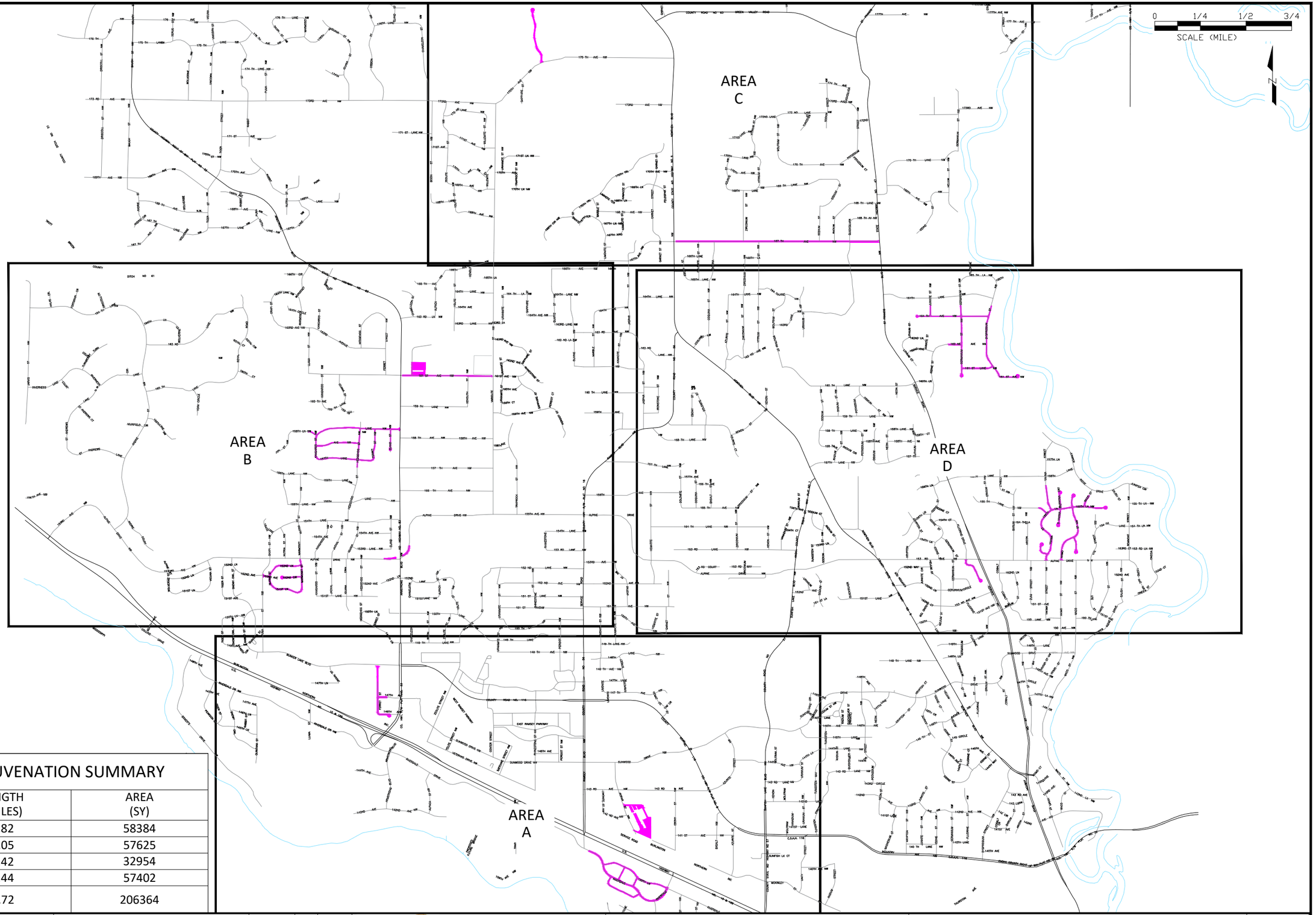
and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

Mayor

ATTEST:

City Clerk



2025 PAVEMENT REJUVENATION SUMMARY

PROJECT AREA	LENGTH (MILES)	AREA (SY)
A	1.82	58384
B	3.05	57625
C	1.42	32954
D	3.44	57402
PROJECT TOTAL	9.72	206364

DATE	REVISION

Jan 15, 2025 - 12:43pm
G:\Engineering\AutoCad Dwgs\Projects N-Z\SealCoat Areas\2025 Seal Coat Areas\25-10 Base Map.dwg

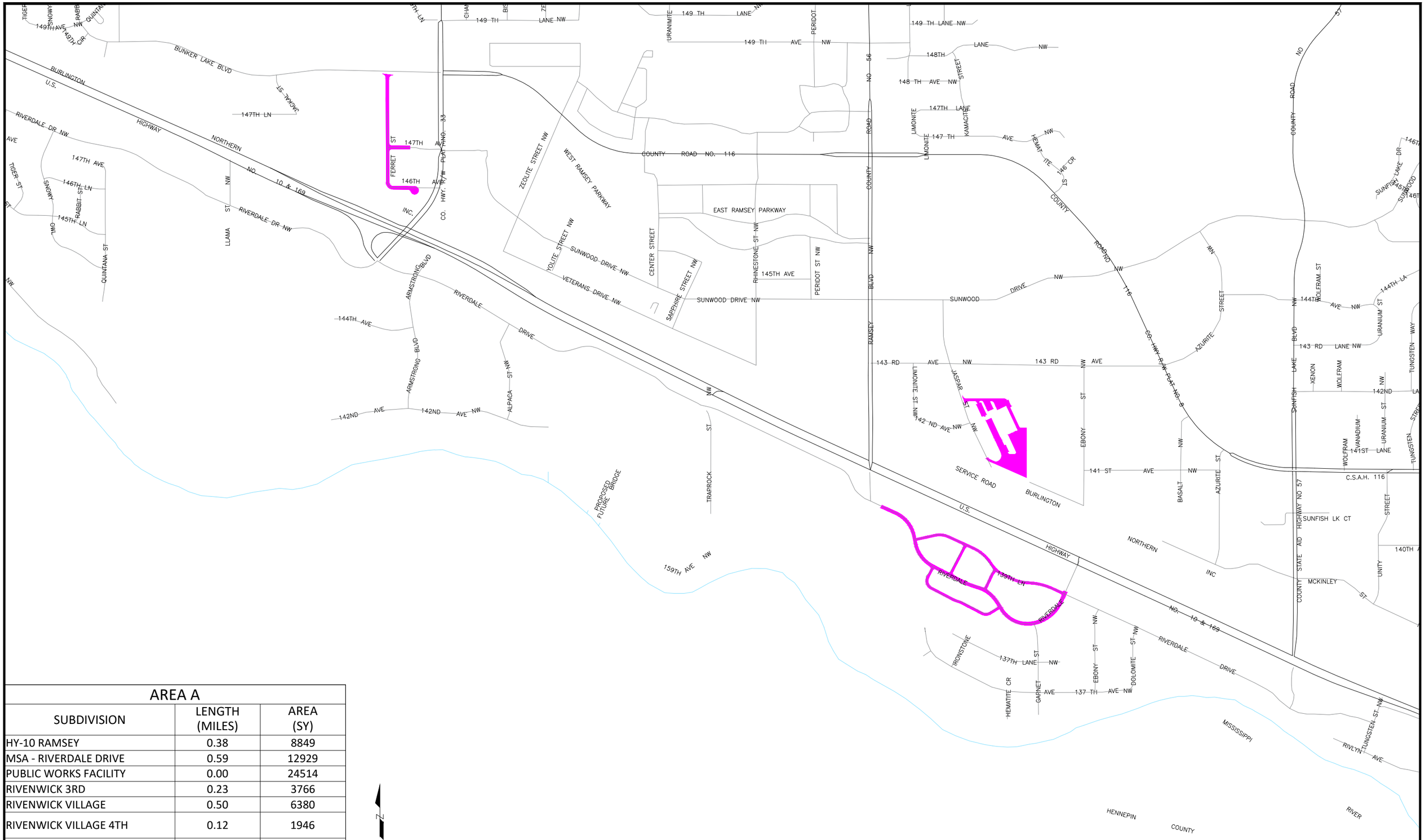
DESIGNED BY:	JJF	
DRAWN BY:	JJF	DATE: 1/15/25
CHECKED BY:	JJF	FILE: 25-10

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

OVERALL

2025 PAVEMENT REJUVENATION IMPROVEMENTS
CITY PROJECT NO. 25-10
CITY OF RAMSEY, MINNESOTA

SHEET 1 OF 5 SHEETS



AREA A		
SUBDIVISION	LENGTH (MILES)	AREA (SY)
HY-10 RAMSEY	0.38	8849
MSA - RIVERDALE DRIVE	0.59	12929
PUBLIC WORKS FACILITY	0.00	24514
RIVENWICK 3RD	0.23	3766
RIVENWICK VILLAGE	0.50	6380
RIVENWICK VILLAGE 4TH	0.12	1946
MAP A TOTALS	1.82	58384

DATE	REVISION

Jan 15, 2025 - 12:44pm
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0 1/10 1/5 3/10
SCALE (MILE)

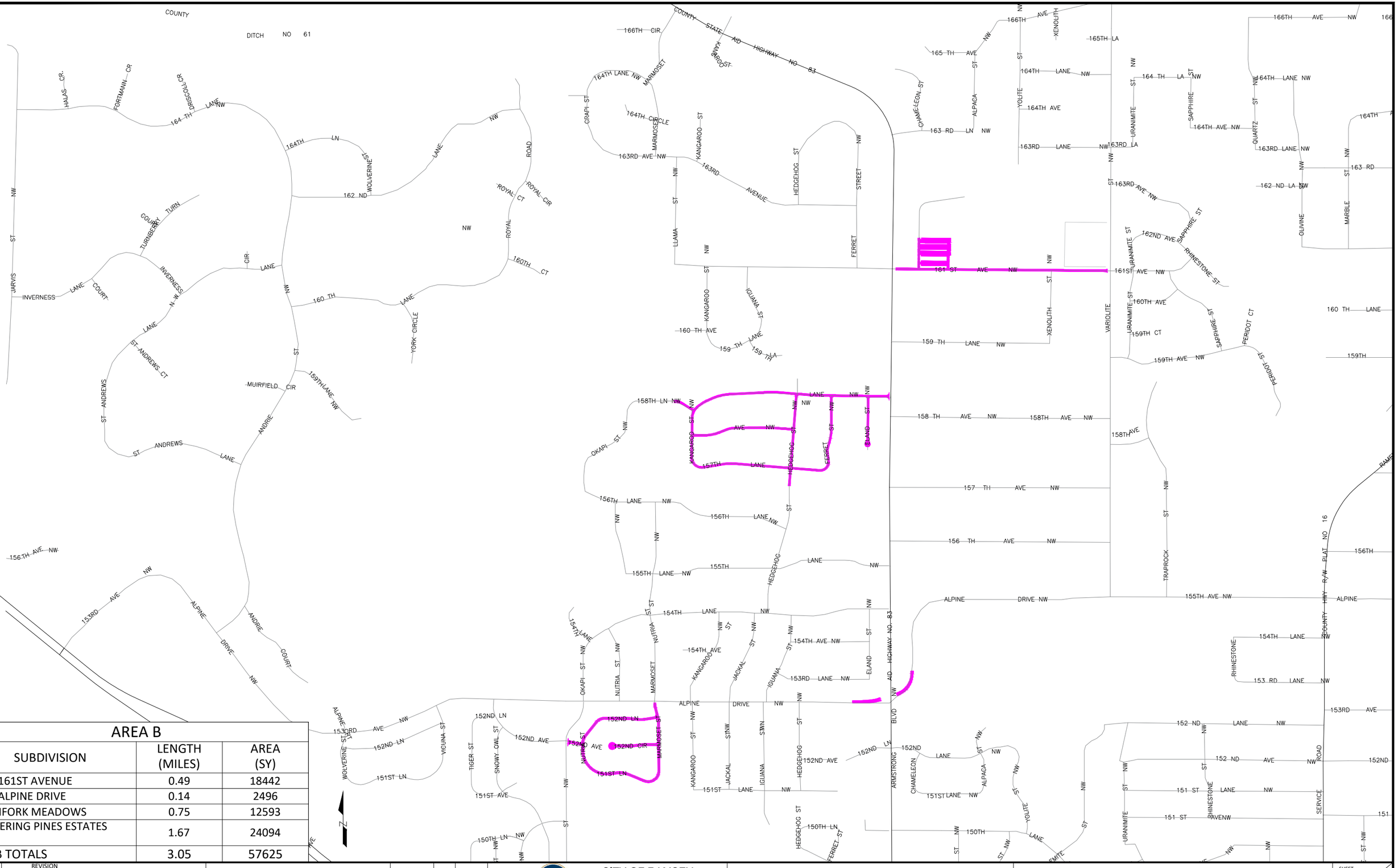
DESIGNED BY:	JJF	
DRAWN BY:	JJF	DATE: 1/15/25
CHECKED BY:	JJF	FILE: 25-10

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

AREA A

2025 PAVEMENT REJUVENATION IMPROVEMENTS
CITY PROJECT NO. 25-10
CITY OF RAMSEY, MINNESOTA

SHEET 2 OF 5 SHEETS



AREA B		
SUBDIVISION	LENGTH (MILES)	AREA (SY)
MSA - 161ST AVENUE	0.49	18442
MSA - ALPINE DRIVE	0.14	2496
NORTHFORK MEADOWS	0.75	12593
WHISPERING PINES ESTATES PLAT 3	1.67	24094
MAP B TOTALS	3.05	57625

DATE	REVISION

Jan 15, 2025 - 12:45pm
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0 1/10 1/5 3/10
SCALE (MILE)

DESIGNED BY:	JJF	
DRAWN BY:	JJF	DATE: 01/15/25
CHECKED BY:	JJF	FILE: 25-10

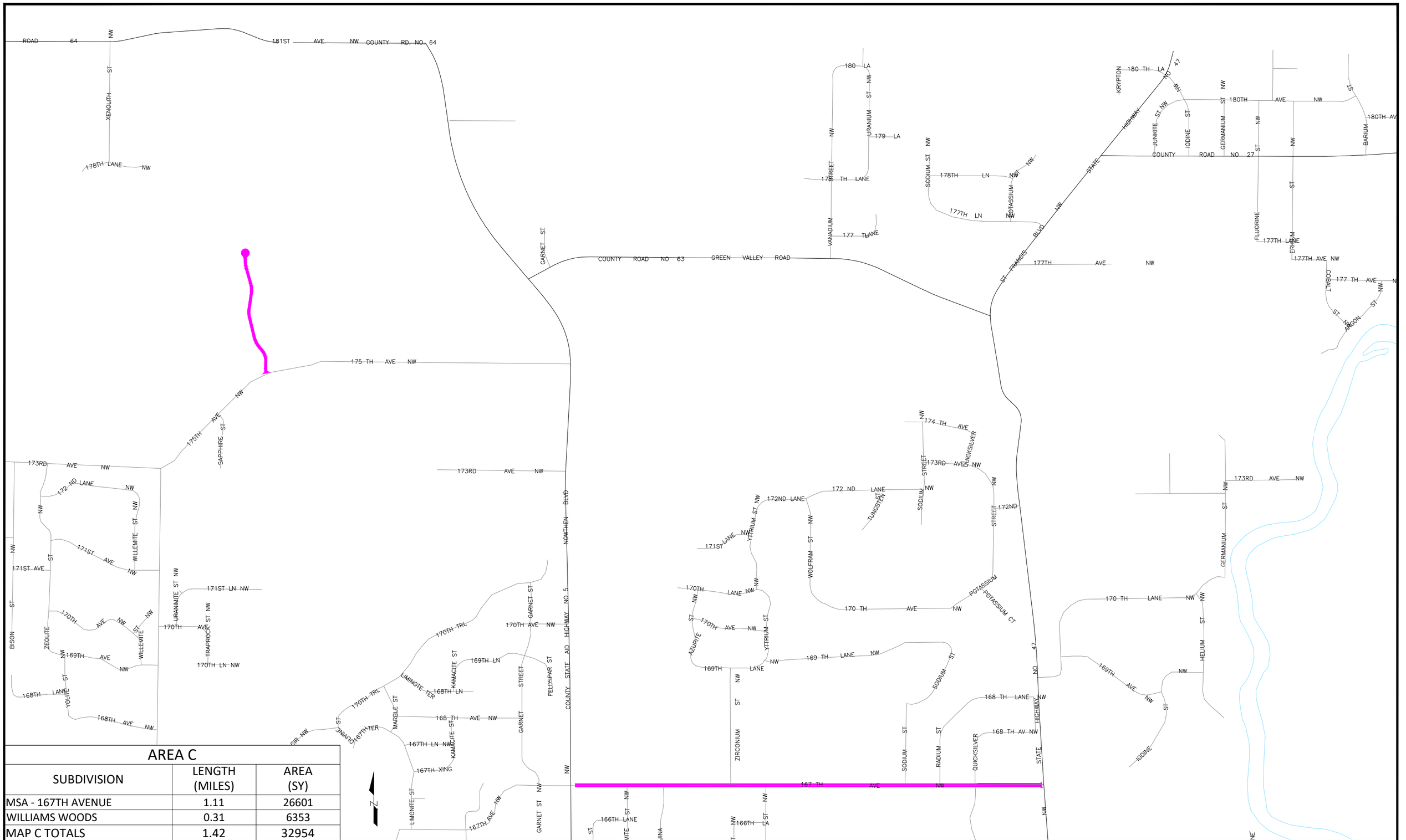
City of RAMSEY

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

AREA B

2025 PAVEMENT REJUVENATION IMPROVEMENTS
CITY PROJECT NO. 25-10
CITY OF RAMSEY, MINNESOTA

SHEET 3 OF 5 SHEETS



AREA C		
SUBDIVISION	LENGTH (MILES)	AREA (SY)
MSA - 167TH AVENUE	1.11	26601
WILLIAMS WOODS	0.31	6353
MAP C TOTALS	1.42	32954

DATE	REVISION

Jan 15, 2025 - 12:46pm
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0 1/10 1/5 3/10
SCALE (MILE)

DESIGNED BY:	JJF	
DRAWN BY:	JJF	DATE: 01/15/25
CHECKED BY:	JJF	FILE: 25-10

City of RAMSEY
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
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AREA C

2025 PAVEMENT REJUVENATION IMPROVEMENTS
CITY PROJECT NO. 25-10
CITY OF RAMSEY, MINNESOTA

SHEET 4 OF 5 SHEETS

AREA D		
SUBDIVISION	LENGTH (MILES)	AREA (SY)
ALPINE MEADOWS	0.16	3023
BARTHEL'S RUM RIVER ACRES 2ND	1.60	24078
HIGHLANDS AT RIVER PARK	0.69	11701
HIGHLANDS AT RIVER PARK 2ND	0.60	10816
HIGHLANDS AT RIVER PARK 3RD	0.30	5878
HIGHLANDS AT RIVER PARK 4TH	0.09	1906
MAP D TOTALS	3.44	57402

DATE	REVISION

0 1/10 1/5 3/10
SCALE (MILE)

DESIGNED BY:	JJF	
DRAWN BY:	JJF	DATE: 01/15/25
CHECKED BY:	JJF	FILE: 25-10

City of RAMSEY
CITY OF RAMSEY
7550 SUNWOOD DRIVE
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AREA D

2025 PAVEMENT REJUVENATION IMPROVEMENTS
CITY PROJECT NO. 25-10
CITY OF RAMSEY, MINNESOTA

SHEET 5 OF 5 SHEETS

MATERIALS ESTIMATE
CITY OF RAMSEY
IP 25-10 2025 PAVEMENT REJUVENATOR IMPROVEMENTS
UPDATED 1/15/2025

MAP SHEET	SUBDIVISION	STREET	SEGMENT DESCRIPTION	CONC. C&G (YES/NO)	LENGTH (MILES)	LENGTH (FEET)	AREA (SF)	AREA (SY)	CUL-DE-SAC AREA (SF)	CUL-DE-SAC AREA (SY)	TOTAL AREA (SY)	CONSTR. YEAR	OVERLAY YEAR	RECON. YEAR
D	ALPINE MEADOWS	FLUORINE STREET	ALPINE DR / S EOP	YES	0.16	847	19636	2181.8	7570	841.1	3022.9		2023	
			SUBDIVISION TOTAL		0.16	847	19,636	2,182	7,570	841	3,023			
D	BARTHEL'S RUM RIVER ACRES 2ND	161ST AVENUE	DYSPROSIUM ST / E. CDS	NO	0.11	579	10910	1212.2	8194	910.4	2122.7			2023
		161ST LANE	GERMANIUM ST / DYSPROSIUM ST	NO	0.17	897	22354	2483.8	0	0.0	2483.8			2023
		162ND LANE	W EOP / GERMANIUM ST	NO	0.07	368	9415	1046.1	0	0.0	1046.1			2023
		164TH AVENUE	W EOP / DYSPROSIUM ST	NO	0.40	2092	48544	5393.8	4106	456.2	5850.0			2023
		DYSPROSIUM STREET	161ST AVE / N EOP	NO	0.41	2178	52213	5801.4	0	0.0	5801.4			2023
		GERMANIUM STREET	S EOP / N EOP	NO	0.39	2048	47331	5259.0	6068	674.2	5933.2			2023
		JUNKITE STREET	164TH AVE / N EOP	NO	0.06	299	7570	841.1	0	0.0	841.1			2023
			SUBDIVISION TOTAL		1.60	8,461	198,337	22,037	18,368	2,041	24,078			
D	HIGHLANDS AT RIVER PARK	155TH LANE	W EOP / YAKIMA COURT	YES	0.14	731	20035	2226.1	0	0.0	2226.1		2023	
		155TH LANE	YAKIMA COURT / E EOP	YES	0.02	124	3471	385.7	0	0.0	385.7		2023	
		YAKIMA COURT (SOUTH)	155TH LN / CDS	YES	0.10	504	10278	1142.0	8452	939.1	2081.1		2023	
		YAKIMA STREET	155TH LN / N EOP	YES	0.14	732	20208	2245.3	0	0.0	2245.3		2023	
		YAKIMA STREET	ALPINE DR / 155TH LN	YES	0.29	1549	42863	4762.6	0	0.0	4762.6		2023	
			SUBDIVISION TOTAL		0.69	3,640	96,855	10,762	8,452	939	11,701			
D	HIGHLANDS AT RIVER PARK 2ND	155TH LANE	E EOP / W EOP	YES	0.08	408	11209	1245.4	0	0.0	1245.4		2023	
		WACO COURT	XKIMO ST / CDS	YES	0.09	479	9848	1094.2	8131	903.4	1997.7		2023	
		XKIMO STREET	ALPINE DR / WACO CRT	YES	0.16	847	23668	2629.8	0	0.0	2629.8		2023	
		XKIMO STREET	WACO CRT / 155TH LN	YES	0.17	923	25426	2825.1	0	0.0	2825.1		2023	
		YAKIMA COURT	155TH LN / N EOP	YES	0.10	519	10736	1192.9	8322	924.7	2117.6		2023	
			SUBDIVISION TOTAL		0.60	3,176	80,887	8,987	16,453	1,828	10,816			
D	HIGHLANDS AT RIVER PARK 3RD	155TH LANE	WACO ST / CDS	YES	0.16	834	19499	2166.6	8095	899.4	3066.0		2023	
		WACO STREET	155TH LN / N EOP	YES	0.07	352	9860	1095.6	0	0.0	1095.6		2023	
		XKIMO COURT	155TH LN / CDS	YES	0.07	388	7140	793.3	8304	922.7	1716.0		2023	
			SUBDIVISION TOTAL		0.30	1,574	36,499	4,055	16,399	1,822	5,878			
D	HIGHLANDS AT RIVER PARK 4TH	ZUNI COURT	YAKIMA ST / CDS	YES	0.09	459	8826	980.7	8332	925.8	1906.4		2023	
			SUBDIVISION TOTAL		0.09	459	8,826	981	8,332	926	1,906			
A	HY-10 RAMSEY	146TH AVENUE	FERRET ST / CDS	YES	0.07	377	8615	957.2	9260	1028.9	1986.1			2023
		147TH AVENUE	FERRET ST / ARMSTRONG BLVD (CSAH 83)	YES	0.05	257	9882	1098.0	0	0.0	1098.0			2023
		FERRET STREET	146TH AVE / 147TH AVE	YES	0.09	486	17836	1981.8	0	0.0	1981.8			2023
		FERRET STREET	147TH AVE / N EOP	YES	0.12	612	22450	2494.4	0	0.0	2494.4			2023
		FERRET STREET	S EOP / BUNKER LAKE BLVD	YES	0.05	290	11595	1288.3	0	0.0	1288.3	2023		
			SUBDIVISION TOTAL		0.38	2,022	70,378	7,820	9,260	1,029	8,849			
B	MSA - 161ST AVENUE	161ST AVENUE	ARMSTRONG BLVD (CSAH 83) / VARIOLITE ST	YES	0.49	2589	64113	7123.7	0	0.0	7123.7			2023
		CENTRAL PARK	SOUTH PARKING LOTS	YES	0.00		101866	11318.4	0	0.0	11318.4			2023
			SUBDIVISION TOTAL		0.49	2,589	165,979	18,442	0	0	18,442			
C	MSA - 167TH AVENUE	167TH AVENUE	NOWTHEN BLVD (CSAH 5) / QUICKSILVER ST	NO	0.95	5033	201393	22377.0	0	0.0	22377.0			2023
		167TH AVENUE	QUICKSILVER ST / SAINT FRANCIS BLVD (TH 47)	YES	0.16	831	38016	4224.0	0	0.0	4224.0			2023
			SUBDIVISION TOTAL		1.11	5,864	239,409	26,601	0	0	26,601			

MAP SHEET	SUBDIVISION	STREET	SEGMENT DESCRIPTION	CONC. C&G (YES/NO)	LENGTH (MILES)	LENGTH (FEET)	AREA (SF)	AREA (SY)	CUL-DE-SAC AREA (SF)	CUL-DE-SAC AREA (SY)	TOTAL AREA (SY)	CONSTR. YEAR	OVERLAY YEAR	RECON. YEAR
B	MSA - ALPINE DRIVE	ALPINE DRIVE	ARMSTRONG BLVD (CSAH 83) / PT 400' WEST OF CSAH 83	YES	0.07	349	11020	1224.4	0	0.0	1224.4			2023
		ALPINE DRIVE	ARMSTRONG BLVD (CSAH 83) / PT 250' EAST OF CSAH 83	YES	0.07	371	11445	1271.7	0	0.0	1271.7			2023
			SUBDIVISION TOTAL		0.14	720	22,465	2,496	0	0	2,496			
A	MSA - RIVERDALE DRIVE	RIVERDALE DRIVE	RAMSEY BLVD / GARNET ST	YES	0.48	2535	93222	10358.0	0	0.0	10358.0		2023	
		RIVERDALE DRIVE	GARNET ST / 139TH LN	YES	0.11	569	23137	2570.8	0	0.0	2570.8		2023	
			SUBDIVISION TOTAL		0.59	3,104	116,359	12,929	0	0	12,929			
B	NORTHFORK MEADOWS	151ST LANE	MARMOSET ST / NUTRIA ST	YES	0.15	817	22321	2480.1	0	0.0	2480.1	2022		
		152ND AVENUE	NUTRIA ST / PUMA ST	YES	0.03	172	5469	607.7	0	0.0	607.7	2021		
		152ND CIRCLE	MARMOSET ST / CDS	YES	0.11	603	13529	1503.2	6920	768.9	2272.1	2022		
		152ND LANE	MARMOSET ST / NUTRIA ST	YES	0.13	699	19340	2148.9	0	0.0	2148.9	2021		
		MARMOSET STREET	151ST LN / 152ND CIR	YES	0.09	452	12346	1371.8	0	0.0	1371.8	2022		
		MARMOSET STREET	152ND CIR / ALPINE DR	YES	0.10	516	14111	1567.9	0	0.0	1567.9	2021		
		NUTRIA STREET	151ST LN / 152ND AVE	YES	0.06	326	8927	991.9	0	0.0	991.9	2022		
		NUTRIA STREET	152ND AVE / 152ND LN	YES	0.07	379	10375	1152.8	0	0.0	1152.8	2021		
			SUBDIVISION TOTAL		0.75	3,964	106,418	11,824	6,920	769	12,593			
A	PUBLIC WORKS FACILITY	14999 JASPAR STREET		YES			220627	24514.1	0	0.0	24514.1	2021		
			SUBDIVISION TOTAL		0.00	0	220,627	24,514	0	0	24,514			
A	RIVENWICK 3RD	139TH AVENUE	RIVERDALE DR / RIVERDALE DR	YES	0.23	1220	33893	3765.9	0	0.0	3765.9		2023	
			SUBDIVISION TOTAL		0.23	1,220	33,893	3,766	0	0	3,766			
A	RIVENWICK VILLAGE	139TH AVENUE	HEMATITE ST / JASPAR ST	YES	0.10	503	13834	1537.1	0	0.0	1537.1		2023	
		139TH AVENUE	RIVERDALE DR / HEMATITE ST	YES	0.17	894	24880	2764.4	0	0.0	2764.4		2023	
		HEMATITE STREET	RIVERDALE DR / 139TH AVE	YES	0.16	829	7594	843.8	0	0.0	843.8		2023	
		JASPAR STREET	RIVERDALE DR / 139TH AVE	YES	0.07	391	11110	1234.4	0	0.0	1234.4		2023	
			SUBDIVISION TOTAL		0.50	2,617	57,418	6,380	0	0	6,380			
A	RIVENWICK VILLAGE 4TH	139TH LANE	RIVERDALE DR / JASPAR ST	YES	0.12	629	17518	1946.4	0	0.0	1946.4	2023		
			SUBDIVISION TOTAL		0.12	629	17,518	1,946	0	0	1,946			
B	WHISPERING PINES ESTATES PLAT 3	157TH LANE	SW PC KANGAROO ST & 157TH LN / SE PC FERRET ST & 157TH LN	NO	0.31	1630	39108	4345.3	0	0.0	4345.3			2023
		158TH AVENUE	KANGAROO ST / HEDGEHOG ST	NO	0.23	1237	30044	3338.2	0	0.0	3338.2			2023
		158TH LANE	ARMSTRONG BLVD (CSAH 83) / W EOP	NO	0.52	2724	66868	7429.8	0	0.0	7429.8			2023
		ELAND STREET	158TH LN / S EOP	NO	0.12	610	12689	1409.9	4099	455.4	1865.3			2023
		FERRET STREET	NE PC FERRET ST & 157TH LN / 158TH LN	NO	0.17	889	21499	2388.8	0	0.0	2388.8			2023
		HEDGEHOG STREET	S EOP / N EOP	NO	0.21	1091	26800	2977.8	0	0.0	2977.8			2023
		KANGAROO STREET	NW PC KANGAROO ST & 157TH LN / 158TH LN	NO	0.12	656	15736	1748.4	0	0.0	1748.4			2023
			SUBDIVISION TOTAL		1.67	8,837	212,744	23,638	4,099	455	24,094			
C	WILLIAMS WOODS	RHINSTONE STREET	175TH AVE / CDS	NO	0.31	1621	48290	5365.6	8885	987.2	6352.8	2022		
			SUBDIVISION TOTAL		0.31	1,621	48,290	5,366	8,885	987	6,353			

	LENGTH (MILES)	LENGTH (FEET)	AREA (SF)	AREA (SY)	CUL-DE-SAC AREA (SF)	CUL-DE-SAC AREA (SY)	TOTAL AREA (SY)
PROJECT TOTALS	**9.72**	**51,344**	**1,752,538**	**194,726**	**104,738**	**11,638**	**206,364**
AREA A TOTAL	1.82	9592	295566	32841	9260	1029	58384
AREA B TOTAL	3.05	16110	507606	56401	11019	1224	57625
AREA C TOTAL	1.42	7485	287699	31967	8885	987	32954
AREA D TOTAL	3.44	18157	441040	49004	75574	8397	57402

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Not Applicable

Title:

Adopt Resolution #25-022 Approving Partial Payment to Douglas-Kerr Underground, LLC for Improvement Project #25-01, Rivers Bend Regional Stormwater Pond Improvements.

Purpose/Background:

Resolution and Pay Request attached.

Recommendation:

The Senior Engineering Technician has inspected the completed work and recommends partial payment to Douglas-Kerr Underground, LLC. for improvement project #25-01, Rivers Bend Regional Stormwater Improvements in the amount of $670,167.39.

Outcome/Action:

Motion to adopt Resolution #25-022 approving partial payment to Douglas-Kerr Underground, LLC. for improvement project #25-01, Rivers Bend Regional Stormwater Pond Improvements in the amount of $670,167.39.

Attachments

Pay Resolution #25-022

Pay Request

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/22/2025 09:27 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Stacie Damjanovich		Started On: 01/14/2025 10:57 AM
Final Approval Date: 01/23/2025		

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-022

RESOLUTION APPROVING PARTIAL PAYMENT NO. 2 TO DOUGLAS-KERR UNDERGROUND, LLC. FOR RIVERS BEND REGIONAL STORMWATER IMPROVEMENTS, IMPROVEMENT PROJECT #25-01

WHEREAS, in June of 2016 the Anoka Conservation District completed a Stormwater Retrofit Analysis for the City of Ramsey and the Lower Rum River Watershed Management Organization (LRRWMO) to identify and rank potential improvement projects that drain to the Mississippi and Rum Rivers; and

WHEREAS, the Stormwater Retrofit Analysis recommended stormwater pond modifications within Rivers Bend Park to increase the volume of stormwater runoff storage provided within the wetland that currently treats runoff from a 38-acre catchment area to reduce sediment and phosphorus loads within the receiving water, an oxbow of the Rum River; and

WHEREAS, City staff recommends constructing the necessary stormwater management improvements to treat stormwater runoff from all properties within the 38-acre catchment, including the Lightbridge Academy and Complete Auto parcels, to current LRRWMO stormwater design standards as recommended in the Anoka Conservation District's Stormwater Retrofit Analysis; and

WHEREAS, the Anoka Conservation District awarded $248,250 in watershed-based grant funds to pay for a portion of the proposed Rivers Bend Regional Stormwater Improvements project; and

WHEREAS, the City has the capability to fund the remaining project costs for the proposed Rivers Bend Regional Stormwater Improvements project using storm water management funds; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-153 the Mayor and City Administrator were authorized and directed to execute the professional services proposal from Bolton & Menk, Inc. to prepare final plans and specifications for Improvement Project #25-01, Rivers Bend Regional Stormwater Improvements; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-215, adopted August 12, 2024, the plans and specifications prepared by Bolton & Menk, Inc. were approved and advertisements for bids were authorized for City Improvement Project #25-01, Rivers Bend Regional Stormwater Improvements; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-275, adopted September 24, 2024, a contract was awarded to Douglas-Kerr Underground, LLC. of Mora, Minnesota, in the amount of $899,653.31 for said improvements; and

WHEREAS, as of January 28, 2025 $229,480.21 has been paid to date; and

WHEREAS, the Senior Engineering Technician has inspected the completed work and recommends partial payment No. 2 to Douglas-Kerr Underground, LLC of Mora, Minnesota, for improvement project #25-01, Rivers Bend Regional Stormwater Improvements, in the amount of $670,167.39.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1) The City Council hereby authorizes partial payment No. 2 to Douglas-Kerr Underground, LLC of Mora, Minnesota for Improvement Project #25-01, Rivers Bend Regional Stormwater Improvements in the amount of $670,167.39.

2) The City Council hereby authorizes the Mayor and City Administrator to sign the release form for this payment.

3) The totally amount of this payment is not included in resolutions approving payment of bills for the date of January 28, 2025.

4) The City of Ramsey Finance Department will be provided a signed copy of this resolution.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

25-022

Contractor's Application for Payment

Owner:	City of Ramsey	**Owner's Project No.:**	25-01
Engineer:	Bolton & Menk, Inc.	**Engineer's Project No.:**	24X.136138
Contractor:	Douglas-Kerr Underground, LLC	**Agency's Project No.:**	
Project:	Rivers Bend Regional Stormwater Improvements		
Contract:			
Application No.:	2	**Application Date:**	12/10/2024
Application Period:	**From** 11/1/2024	**to**	11/30/2024

1. Original Contract Price	$	899,653.31
2. Net change by Change Orders	$	-
3. Current Contract Price (Line 1 + Line 2)	$	899,653.31
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)	$	908,734.95
5. Retainage		
a. 1% X $ 908,734.95 Work Completed	$	9,087.35
b. X $ - Stored Materials	$	-
c. Total Retainage (Line 5.a + Line 5.b)	$	9,087.35
6. Amount eligible to date (Line 4 - Line 5.c)	$	899,647.60
7. Less previous payments	$	229,480.21
8. **Amount due this application**	**$**	**670,167.39**
9. Balance to finish, including retainage (Line 3 - Line 4)	$	(9,081.64)

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor: Douglas-Kerr Underground, LLC

Signature: [signature] **Date:** 12/10/24

Name: Ryan Kerr **Title:** Manager

Recommended by Engineer		**Approved by Owner**	
By:	[signature]	**By:**	[signature]
Name:	Zach Lingl, PE	**Name:**	Bruce Westby
Title:	Project Manager	**Title:**	City Engineer/Public Works Director
Date:	12/10/2024	**Date:**	01/14/2025

EJCDC C-620 Contractor's Application for Payment
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Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: City of Ramsey
Owner's Project No.: 25-01

Engineer: Bolton & Menk, Inc.
Engineer's Project No.: 24X.136138

Contractor: Douglas-Kerr Underground, LLC
Agency's Project No.:

Project: Rivers Bend Regional Stormwater Improvements

Contract:

Application No.: 2 **Application Period:** From 11/01/24 to 11/30/24 **Application Date:** 12/10/24

A	B	C	D	E	F	F1	F2	G	H	I	J	K	L
		Contract Information				Previous Estimate		Work Completed					
Bid Item No.	Description	Item Quantity	Units	Unit Price ($)	Value of Bid Item (C X E) ($)	Quantity Previous Estimate	Value Previous Estimate	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) ($)	Materials Currently Stored (not in G) ($)	Work Completed and Materials Stored to Date (H + I) ($)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) ($)
	Original Contract												
1	MOBILIZATION	1.00	LUMP SUM	68,952.00	68,952.00	0.25	17,238.00	1.00	68,952.00		68,952.00	100%	-
2	CLEARING	2.75	ACRE	2,673.00	7,350.75	2.75	7,350.75	2.75	7,350.75		7,350.75	100%	-
3	GRUBBING	2.75	ACRE	2,673.00	7,350.75	2.75	7,350.75	2.75	7,350.75		7,350.75	100%	-
4	REMOVE BOLLARDS	2.00	EACH	211.65	423.30	2.00	423.30	2.00	423.30		423.30	100%	-
5	REMOVE PIPE SEWERS (STORM)	60.00	LIN FT	33.10	1,986.00	20.00	662.00	40.00	1,324.00		1,324.00	67%	662.00
6	EXCAVATION - COMMON	1.00	LUMP SUM	407,017.00	407,017.00	0.25	101,754.25	1.00	407,017.00		407,017.00	100%	-
7	COMMON EMBANKMENT (CV)	940.00	CU YD	7.70	7,238.00		-	1,360.00	10,472.00		10,472.00	145%	(3,234.00)
8	DEWATERING	1.00	LUMP SUM	81,626.00	81,626.00	0.25	20,406.50	1.00	81,626.00		81,626.00	100%	-
9	POND LINER SYSTEM	4,415.00	SQ YD	36.15	159,602.25		-	4,415.00	159,602.25		159,602.25	100%	-
10	STREET SWEEPER (WITH PICKUP BROOM)	24.00	HR	181.90	4,365.60	57.00	10,368.30	87.50	15,916.25		15,916.25	365%	(11,550.65)
11	15" RC PIPE APRON	1.00	EACH	2,721.00	2,721.00	1.00	2,721.00	1.00	2,721.00		2,721.00	100%	-
12	24" RC PIPE APRON	3.00	EACH	3,237.00	9,711.00	3.00	9,711.00	3.00	9,711.00		9,711.00	100%	-
13	15" RC PIPE SEWER 3006 CLASS V	64.00	LIN FT	64.10	4,102.40	64.00	4,102.40	64.00	4,102.40		4,102.40	100%	-
14	24" RC PIPE SEWER 3006 CLASS III	150.00	LIN FT	115.10	17,265.00	50.00	5,755.00	144.00	16,574.40		16,574.40	96%	690.60
15	36" RC PIPE SEWER 3006 CLASS III	30.00	LIN FT	215.40	6,462.00	20.00	4,308.00	20.00	4,308.00		4,308.00	67%	2,154.00
16	48" RC PIPE SEWER 3006 CLASS III	30.00	LIN FT	305.90	9,177.00		-	20.00	6,118.00		6,118.00	67%	3,059.00
17	TEMPORARY BYPASS PUMPING	1.00	LUMP SUM	10,000.00	10,000.00	0.25	2,500.00	1.00	10,000.00		10,000.00	100%	-
18	CONNECT TO EXISTING STORM SEWER	4.00	EACH	3,687.00	14,748.00	2.00	7,374.00	4.00	14,748.00		14,748.00	100%	-
19	CASTING ASSEMBLY (STORM SEWER)	2.00	EACH	1,277.00	2,554.00	2.00	2,554.00	2.00	2,554.00		2,554.00	100%	-
20	IRRIGATION REPAIR	200.00	LIN FT	10.00	2,000.00	79.00	790.00	79.00	790.00		790.00	40%	1,210.00
21	CONSTRUCT DRAINAGE STRUCTURE (OUTLET CONTROL)	7.00	LIN FT	1,272.00	8,904.00	7.00	8,904.00	7.00	8,904.00		8,904.00	100%	-
22	CONSTRUCT DRAINAGE STRUCTURE DES 96-4020 WITH DIVERSION BAFFLE	14.00	LIN FT	2,479.00	34,706.00	7.08	17,551.32	14.40	35,697.60		35,697.60	103%	(991.60)
23	RANDOM RIP RAP CLASS III	50.00	CU YD	143.10	7,155.00	17.35	2,482.79	44.35	6,346.49		6,346.49	89%	808.51
24	TRAFFIC CONTROL	1.00	LUMP SUM	1,500.00	1,500.00		-	1.00	1,500.00		1,500.00	100%	-
25	STABILIZED CONSTRUCTION EXIT	1.00	EACH	1,497.00	1,497.00	1.00	1,497.00	1.00	1,497.00		1,497.00	100%	-
26	STORM DRAIN INLET PROTECTION	5.00	EACH	155.05	775.25	15.00	2,325.75	15.00	2,325.75		2,325.75	300%	(1,550.50)
27	SILT FENCE, TYPE MS	1,800.00	LIN FT	2.00	3,600.00	1,714.00	3,428.00	1,714.00	3,428.00		3,428.00	95%	172.00
28	COMMON TOPSOIL BORROW (LV)	900.00	CU YD	0.01	9.00		-		-		-		9.00
29	FERTILIZER TYPE 3	530.00	POUND	1.00	530.00		-	650.00	650.00		650.00	123%	(120.00)

EJCDC C-620 Contractor's Application for Payment
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Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner: City of Ramsey
Owner's Project No.: 25-01
Engineer: Bolton & Menk, Inc.
Engineer's Project No.: 24X.136138
Contractor: Douglas-Kerr Underground, LLC
Agency's Project No.:
Project: Rivers Bend Regional Stormwater Improvements
Contract:

Application No.: 2 **Application Period:** From 11/01/24 to 11/30/24 **Application Date:** 12/10/24

A	B	C	D	E	F	F1	F2	G	H	I	J	K	L
		Contract Information				Previous Estimate		Work Completed					
Bid Item No.	Description	Item Quantity	Units	Unit Price ($)	Value of Bid Item (C X E) ($)	Quantity Previous Estimate	Value Previous Estimate	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X G) ($)	Materials Currently Stored (not in G) ($)	Work Completed and Materials Stored to Date (H + I) ($)	% of Value of Item (J / F) (%)	Balance to Finish (F - J) ($)
30	EROSION PREVENTION CATEGORY 20	8,500.00	SQ YD	1.60	13,600.00		-	8,500.00	13,600.00		13,600.00	100%	-
31	SEEDING	8,500.00	SQ YD	0.05	425.00		-	8,500.00	425.00		425.00	100%	-
32	SEED MIXTURE 35-241	70.00	POUND	15.00	1,050.00		-	80.00	1,200.00		1,200.00	114%	(150.00)
33	HYDRAULIC BONDED FIBER MATRIX	500.00	POUND	2.50	1,250.00		-	600.00	1,500.00		1,500.00	120%	(250.00)
34	PREVAILING WAGES	1.00	LUMP SUM	0.01	0.01	1.00	0.01	1.00	0.01		0.01	100%	-
	Original Contract Totals				$ 899,653.31		$ 241,558.12		$ 908,734.95	$ -	$ 908,734.95	101%	$ (9,081.64)
	Change Orders												
	Change Order Totals				$ -		$ -		$ -	$ -	$ -		$ -
	Original Contract and Change Orders												
	Project Totals				$ 899,653.31		$ 241,558.12		$ 908,734.95	$ -	$ 908,734.95	101%	$ (9,081.64)

EJCDC C-620 Contractor's Application for Payment
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CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Not Applicable

Title:

Adopt Resolution #25-023 Approving Final Payment to North Valley, Inc. for Improvement Project #24-07, 2024 Neighborhood Pavement Overlay Improvement.

Purpose/Background:

Resolution and Pay Request attached.

Time Frame/Observations/Alternatives:

Final project costs exceeded the awarded project cost by approximately 6-percent due primarily to a need to replace more concrete curb and gutter than was identified in the plans, and to remove and replace more damaged underlying base course pavement before applying the bituminous wear course pavement overlay. Staff completes field reviews during the design and plan preparation process in an attempt to accurately identify these pay items within the plans, but sometimes additional damage occurs to infrastructure such as curb and gutter and pavement sections between the time plans are prepared and construction begins, and underlying base course pavement damage becomes much more visible once the wear course pavement is removed. Staff will continue working to better define such quantity estimates during the design process to help minimize project cost over-runs on future projects.

Issuing final payment will be contingent on receipt of the following items from North Valley, Inc.:

1. IC-134 (Contractor's Withholding Affidavit showing compliance with the provisions of Minnesota Statute 290.92 requiring withholding state income tax).
2. Waiver of Mechanic's Lien Rights (Affidavit that all claims against North Valley, Inc. by reasons of the contract have been fully paid or satisfactorily secured).
3. Consent of Surety to Final Payment (Certification from the contractor's surety).

Following receipt of these items, final payment will be issued.

Recommendation:

The Senior Engineering Technician has inspected the completed work and recommends final payment to North Valley, Inc. for improvement project #24-07, 2024 Neighborhood Pavement Overlay Improvements in the amount of $26,156.47

Outcome/Action:

Motion to adopt Resolution #25-023 approving final payment to North Valley, Inc. for improvement project #24-07, 2024 Neighborhood Pavement Overlay in the amount of $26,156.47.

Attachments

Pay Resolution #25-023

Pay Request

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/22/2025 09:02 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM

Form Started By: Stacie Damjanovich Started On: 01/14/2025 11:16 AM

Final Approval Date: 01/23/2025

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-023

RESOLUTION APPROVING FINAL PAYMENT TO NORTH VALLEY, INC. FOR 2024 NEIGHBORHOOD PAVEMENT OVERLAY IMPROVEMENTS, IMPROVEMENT PROJECT #24-07

WHEREAS, the City of Ramsey proposes to overlay the pavement on numerous public street segments in 2024 as identified within the 2024 – 2033 Capital Improvement Program; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-281, adopted November 14, 2023, the City Council accepted and awarded the proposal to Bolton & Menk, Inc., for topographic survey of the pedestrian ramps within the project area; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-299, adopted on November 14, 2023, the City Council ordered the City Engineer to prepare plans and specifications for 2024 Neighborhood Pavement Overlay Improvements, Improvement Project #24-07; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-110, adopted on April 23, 2024, the City Council approved final plans and specifications as prepared by the City Engineer and authorized advertisement for bids for the same improvements; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-156, adopted June 11, 2024, a contract was awarded to North Valley, Inc. of Nowthen, Minnesota, in the amount of $1,562,549.03 for said improvements; and

WHEREAS, as of January 28, 2025 $1,630,950.69. has been paid to date; and

WHEREAS, the Senior Engineering Technician has inspected the completed work and recommends final payment to North Valley, Inc. of Nowthen, Minnesota, for improvement project #24-07, 2024 Neighborhood Pavement Overlay Improvements, in the amount of $26,156.47.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

1) The City Council hereby authorizes final payment to North Valley, Inc. of Nowthen, Minnesota for Improvement Project #24-07, 2024 Neighborhood Pavement Overlay Improvements in the amount of $26,156.47.

2) The City Council hereby accepts the project and authorizes the Mayor and City

Administrator to sign the release form for this payment.

3) The total amount of this payment is not included in resolutions approving payments of bills for the date of January 28, 2025.

4) The City of Ramsey Finance Department will be provided a signed copy of this resolution.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

25-023

Pay Estimate Summary Sheet

Estimate Number:	3 Final
Project Number:	24-07
Project Name:	2024 Neighborhood Pavement Overlay Improvements
Period Ending	December 31, 2024
Contractor:	North Valley, Inc.
Address:	20015 Iguana Street NW, Nowthen, MN 55330

1	Original Contract Amount		$ 1,562,549.03
2	Change Order(s)	No. ____ Thru No. ____	
3	Total Funds Encumbered		$ 1,562,549.03
4	Value of Work Completed		$ 1,657,107.16
5	Retainage 0 %		$ -
	Percent Complete	100%	
6	Deductions or Charges		
7	Total Earned Less Retainage (Lines 4+5+6)		$ 1,657,107.16
8	Previous Payment(s)		$ 1,630,950.69
9	**Payment Due (Lines 7-8)**		**$ 26,156.47**
10	Total Balance to Finish, Including Retainage (Lines 3-7)		$ -

Certificaiton of Final Payment

I hereby certify that, to the best of my knowledge and belief, all items, quantities and prices of work and material shown on this Estimate are correct and that all work has been performed in full accordance with the terms and conditions of the Contract for this project between owner and the undersigned Contractor, and as amended by any authorized changes and the foregoing is a true and correct statement of the amount for the Final Estimate, the provisions of M.S. 290.92 have been complied with and that all claims against me by reason of the contract have been paid or satisfactorily secured.

North Valley, Inc.	Kayla McGuire
Contractor Name	Print Name
Secretary/Treasurer	[signature]
Title	Signature
	January 7, 2025
	Date

City of Ramsey Approval	
[signature]	1/9/2025
Signature (Project Engineer)	Date
[signature]	01/14/2025
Signature (City Engineer)	Date

2024 Neighborhood Pavement Overlay Improvements
I.P. 24-07
Estimate No. 3 **Final**
Period Ending December 31, 2024

Item No.	MnDOT No.	Item Description	CONTRACT AMOUNT				COMPLETED THIS PERIOD		COMPLETED TO DATE	
			Unit	Estimated Quantity	Unit Price	Extended Total	Quantity	Extended Total	Quantity	Extended Total
1	2021.501	MOBILIZATION	LS	1.0	$ 53,240.00	$ 53,240.00	0.0	$ -	1.0	$ 53,240.00
2	2104.502	CLEARING	EA	3	$ 378.74	$ 1,136.22	0	$ -	3	$ 1,136.22
3	2104.502	GRUBBING	EA	3	$ 162.32	$ 486.96	0	$ -	3	$ 486.96
4	2104.502	REMOVE DRAINAGE STRUCTURE	EA	5	$ 492.36	$ 2,461.80	0	$ -	5	$ 2,461.80
5	2104.503	REMOVE PIPE SEWER	LF	566	$ 10.82	$ 6,124.12	0	$ -	566	$ 6,124.12
6	2104.503	REMOVE CONCRETE CURB AND GUTTER	LF	1700	$ 7.03	$ 11,951.00	0	$ -	2210	$ 15,536.30
7	2104.503	REMOVE BITUMINOUS CURB	LF	470	$ 6.90	$ 3,243.00	0	$ -	523	$ 3,608.70
8	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LF	1850	$ 2.87	$ 5,309.50	0	$ -	1850	$ 5,309.50
9	2104.503	SAWING CONCRETE (FULL DEPTH)	LF	950	$ 8.41	$ 7,989.50	0	$ -	950	$ 7,989.50
10	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	120	$ 8.66	$ 1,039.20	0	$ -	285	$ 2,468.10
11	2104.504	REMOVE CONCRETE WALK	SY	700	$ 19.48	$ 13,636.00	0	$ -	950	$ 18,506.00
12	2104.504	REMOVE CONCRETE VALLEY GUTTER	SY	81	$ 19.48	$ 1,577.88	0	$ -	108	$ 2,103.84
13	2105.607	COMMON EXCAVATION (EV)	CY	130	$ 26.67	$ 3,467.10	0	$ -	491	$ 13,094.97
14	2211.507	AGGREGATE BASE CLASS 5 MODIFIED (CV)	CY	95	$ 23.81	$ 2,261.95	0	$ -	267	$ 6,357.27
15	2231.603	SAWED & SEALED JOINT	EA	280	$ 23.81	$ 6,666.80	151	$ 3,595.31	428	$ 10,190.68
16	2231.604	BITUMINOUS PATCH	SY	350	$ 28.56	$ 9,996.00	0	$ -	1210	$ 34,557.60
17	2232.504	MILL BITUMINOUS SURFACE (1.0")	SY	3850	$ 1.70	$ 6,545.00	0	$ -	3936	$ 6,691.20
18	2232.504	MILL BITUMINOUS SURFACE (2.0")	SY	50450	$ 1.21	$ 61,044.50	0	$ -	50485	$ 61,086.85
19	2232.504	MILL BITUMINOUS SURFACE (3.5")	SY	15400	$ 1.93	$ 29,722.00	0	$ -	15300	$ 29,529.00
20	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	4880	$ 3.08	$ 15,030.40	0	$ -	4415	$ 13,598.20
21	2360.509	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,C) 2.0"	TON	1740	$ 89.30	$ 155,382.00	0	$ -	1660	$ 148,238.00
22	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 1.5"	TON	1630	$ 90.96	$ 148,264.80	0	$ -	1689	$ 153,631.44
23	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.0"	TON	5700	$ 89.84	$ 512,088.00	0	$ -	5619	$ 504,810.96
24	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.0" TRAIL	TON	85	$ 175.84	$ 14,946.40	0	$ -	20	$ 3,516.80
25	2503.602	GROUT CATCH BASIN	EA	96	$ 189.37	$ 18,179.52	0	$ -	96	$ 18,179.52
26	2503.602	RESET CATCH BASIN	EA	4	$ 1,623.17	$ 6,492.68	0	$ -	4	$ 6,492.68
27	2503.602	CONNECT TO EXISTING STORM SEWER	EA	2	$ 75.75	$ 151.50	0	$ -	2	$ 151.50
28	2504.602	ADJUST VALVE BOX	EA	8	$ 373.33	$ 2,986.64	0	$ -	23	$ 8,586.59
29	2501.503	15" RC PIPE APRON	EA	1	$ 1,947.80	$ 1,947.80	0	$ -	1	$ 1,947.80
30	2501.503	12" RC PIPE SEWER DESIGN 3006 CLASS III	LF	24	$ 75.75	$ 1,818.00	0	$ -	24	$ 1,818.00
31	2501.503	15" RC PIPE SEWER DESIGN 3006 CLASS III	LF	44	$ 75.75	$ 3,333.00	0	$ -	44	$ 3,333.00
32	2501.503	21" RC PIPE SEWER DESIGN 3006 CLASS III	LF	478	$ 86.57	$ 41,380.46	0	$ -	478	$ 41,380.46
33	2501.503	24" RC PIPE SEWER DESIGN 3006 CLASS III	LF	8	$ 108.21	$ 865.68	0	$ -	8	$ 865.68
34	2506.502	ADJUST FRAME AND RING CASTING	EA	20	$ 784.53	$ 15,690.60	0	$ -	20	$ 15,690.60
35	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EA	5	$ 6,276.26	$ 31,381.30	0	$ -	5	$ 31,381.30
36	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPEC 1	EA	1	$ 44,366.67	$ 44,366.67	0	$ -	1	$ 44,366.67
37	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPEC 2	EA	1	$ 22,724.39	$ 22,724.39	0	$ -	1	$ 22,724.39

Item No.	MnDOT No.	Item Description	CONTRACT AMOUNT				COMPLETED THIS PERIOD		COMPLETED TO DATE	
			Unit	Estimated Quantity	Unit Price	Extended Total	Quantity	Extended Total	Quantity	Extended Total
38	2521.504	6" CONCRETE WALK	SY	665	$ 75.75	$ 50,373.75	0	$ -	925	$ 70,068.75
39	2521.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EA	366	$ 13.53	$ 4,951.98	0	$ -	514	$ 6,954.42
40	2531.503	CONCRETE CURB & GUTTER DESIGN B618	LF	1460	$ 46.53	$ 67,933.80	0	$ -	1970	$ 91,664.10
41	2531.503	CONCRETE CURB & GUTTER DESIGN SURMOUNTABLE	LF	240	$ 46.53	$ 11,167.20	0	$ -	240	$ 11,167.20
42	2531.604	7" CONCRETE VALLEY GUTTER	SY	115	$ 75.75	$ 8,711.25	0	$ -	115	$ 8,711.25
43	2531.618	TRUNCATED DOMES	SF	870	$ 48.70	$ 42,369.00	0	$ -	848	$ 41,297.60
44	2535.503	BITUMINOUS CURB	LF	470	$ 4.60	$ 2,162.00	0	$ -	580	$ 2,668.00
45	2563.601	TRAFFIC CONTROL	LS	1	$ 13,526.43	$ 13,526.43	0	$ -	1	$ 13,526.43
46	2573.502	STORM DRAIN INLET PROTECTION	EA	24	$ 146.09	$ 3,506.16	0	$ -	24	$ 3,506.16
47	2574.507	TOPSOIL (LV)	CY	165	$ 44.33	$ 7,314.45	0	$ -	132	$ 5,851.56
48	2575.501	TURF ESTABLISHMENT	ACRE	0.25	$ 8,115.88	$ 2,028.97	0.75	$ 6,086.91	1.00	$ 8,115.88
		BASE CONSTRUCTION TOTAL	$			1,478,973.36	$	9,682.22	$	1,564,723.55

ALTERNATIVE A (BASALT ST.)			CONTRACT AMOUNT				COMPLETED THIS PERIOD		COMPLETED TO DATE	
Item No.	MnDOT No.	Item Description	Unit	Estimated Quantity	Unit Price	Extended Total	Quantity	Extended Total	Quantity	Extended Total
49	2104.502	SALVAGE MAILBOX SUPPORT	EA	1	$ 275.94	$ 275.94	0	$ -	1	$ 275.94
50	2104.502	CLEARING	EA	1	$ 162.32	$ 162.32	0	$ -	1	$ 162.32
51	2104.502	GRUBBING	EA	1	$ 86.57	$ 86.57	0	$ -	1	$ 86.57
52	2104.503	996139.12	LF	35	$ 4.17	$ 145.95	0	$ -	35	$ 145.95
53	2105.607	COMMON EXCAVATION	CY	205	$ 26.67	$ 5,467.35	0	$ -	293	$ 7,814.31
54	2112.519	SUBGRADE PREPARATION	RDST	3	$ 755.48	$ 2,304.21	0	$ -	3	$ 2,341.99
55	2211.507	AGGREGATE BASE CLASS 5 MODIFIED (CV)	CY	225	$ 44.46	$ 10,003.50	0	$ -	225	$ 10,003.50
56	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	85	$ 5.41	$ 459.85	0	$ -	85	$ 459.85
57	2360.509	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,C) 2.0"	TON	140	$ 96.24	$ 13,473.60	0	$ -	133	$ 12,799.92
58	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.0"	TON	145	$ 88.24	$ 12,794.80	0	$ -	146	$ 12,883.04
59	2504.602	ADJUST VALVE BOX	EA	2	$ 470.72	$ 941.44	0	$ -	3	$ 1,412.16
60	2506.502	ADJUST FRAME AND RING CASTING	EA	1	$ 1,228.20	$ 1,228.20	0	$ -	1	$ 1,228.20
61	2531.503	CONCRETE CURB & GUTTER DESIGN B618	LF	670	$ 46.53	$ 31,175.10	0	$ -	698	$ 32,477.94
62	2531.604	7" CONCRETE VALLEY GUTTER	SY	23	$ 75.75	$ 1,742.25	0	$ -	30	$ 2,272.50
63	2573.502	STORM DRAIN INLET PROTECTION	EA	2	$ 254.30	$ 508.60	0	$ -	2	$ 508.60
64	2574.507	TOPSOIL (LV)	CY	45	$ 44.32	$ 1,994.40	0	$ -	142	$ 6,293.44
65	2575.501	TURF ESTABLISHMENT	ACRE	0.10	$ 8,115.90	$ 811.59	0.00	$ -	0.15	$ 1,217.39
		ALTERNATIVE A (BASALT ST.) TOTAL	$			83,575.67	$		$	92,383.61
		GRAND TOTALS	$			1,562,549.03	$	9,682.22	$	1,657,107.16

Internal City Use Only			
Pavement Management Funds (0.82 Mob)		$ 9,682.22	$ 1,358,222.83
Storm Sewer Utility Funds (0.12 Mob)		$ -	$ 187,615.72
Sanitary Sewer Utility Fund (0.00 Mob)		$ -	$ 15,690.60
Public Investment Revolving Funds (.06 Mob)		$ -	$ 95,578.01
Total Funds		$ 9,682.22	$ 1,657,107.16

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Not Applicable

Title

Adopt Resolution #25-024 Approving Final Payment to North Valley, Inc. for Improvement Project #24-12, Juniper Woods 1st - 3rd Street Reconstruction.

Purpose/Background:

Resolution and Pay Request attached.

Time Frame/Observations/Alternatives:

Issuing final payment will be contingent on receipt of the following items from North Valley, Inc.:

1. IC-134 (Contractor's Withholding Affidavit showing compliance with the provisions of Minnesota Statute 290.92 requiring withholding state income tax).
2. Waiver of Mechanic's Lien Rights (Affidavits that all claims against North Valley, Inc. by reasons of the contract have been fully paid or satisfactorily secured).
3. Consent of Surety to Final Payment (Certification from the contractor's surety).

Following receipt of these items, final payment will be issued.

Recommendation:

The Senior Engineering Technician has inspected the completed work and recommends final payment to North Valley, Inc. for improvement project #24-12, Juniper Woods 1st - 3rd Street Reconstruction in the amount of $5,099.07.

OutcomeAction:

Motion to adopt Resolution #25-024 approving final payment to North Valley, Inc. for improvement project #24-12, Juniper Woods 1st - 3rd Street Reconstruction in the amount of $5,099.07.

Attachments

Pay Resolution #25-024

Pay Request

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/22/2025 08:32 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Stacie Damjanovich		Started On: 01/14/2025 11:41 AM
Final Approval Date: 01/23/2025		

Councilmember ____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-024

RESOLUTION APPROVING FINAL PAYMENT TO NORTH VALLEY, INC. FOR JUNIPER WOODS 1ST – 3RD STREET RECONSTRUCTIONS, IMPROVEMENT PROJECT #24-12

WHEREAS, the City of Ramsey proposes to reconstruct the streets within the Juniper Woods 1st, 2nd, and 3rd subdivision as identified within the 2023 – 2032 10-Year Capital Improvement Program; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-130, adopted June 13, 2023, the City Council accepted and awarded the proposal to Bolton & Menk, Inc., for topographic survey of the project area; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-129, adopted June 27, 2023, the City Council accepted and awarded the proposal to Independent Testing Technologies, Inc., for a geotechnical report of the project area; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-202, adopted August 22, 2023, the City Council ordered the City Engineer to prepare plans and specifications for Juniper Woods 1st – 3rd Street Reconstructions, Improvement Project #24-12; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-042, adopted January 23, 2024 the City Council approved final plans and specifications as prepared by the City Engineer and authorized advertisement for bids for the same improvements; and

WHEREAS, proposals were received for Construction Staking and As-built Survey of $12,024.00 from Bolton and Menk, Inc. for said improvements; and

WHEREAS, pursuant to Ramsey City Resolution #24-070, adopted March 12, 2024, a contract was awarded to North Valley, Inc. of Nowthen, Minnesota, in the amount of $412,370.09 for said improvements; and

WHEREAS, as of January 28, 2025 $428,922.61 has been paid to date; and

WHEREAS, the Senior Engineering Technician has inspected the completed work and recommends final payment to North Valley, Inc. of Nowthen, Minnesota, for improvement project #24-12, Juniper Woods 1st – 3rd Street Reconstruction, in the amount of $5,099.07.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

1) The City Council hereby authorizes final payment to North Valley, Inc. of Nowthen, Minnesota for Improvement Project #24-12, Juniper Woods 1st – 3rd Street Reconstruction in the amount of $5,099.07.

2) The City Council hereby accepts the project and authorizes the Mayor and City Administrator to sign the release form for this payment

3) The total amount of this payment is not included in resolutions approving payment of bills for the date of January 28, 2025.

4) The City of Ramsey Finance Department will be provided a signed copy of this resolution.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____ and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

25-024

Pay Estimate Summary Sheet

Estimate Number:	3 Final
Project Number:	24-12
Project Name:	Juniper Woods 1st - 3rd Street Reconstructions
Period Ending	December 31, 2024
Contractor:	North Valley, Inc.
Address:	20015 Iguana Street NW, Nowthen, MN 55330

1	Original Contract Amount		$ 412,370.09
2	Change Order(s)	No. ____ Thru No. ____	
3	Total Funds Encumbered		$ 412,370.09
4	Value of Work Completed		$ 429,566.68
5	Retainage	0 %	$ -
	Percent Complete	100%	
6	Deductions or Charges		$ 4,455.00
7	Total Earned Less Retainage (Lines 4+5+6)		$ 434,021.68
8	Previous Payment(s)		$ 428,922.61
9	**Payment Due (Lines 7-8)**		**$ 5,099.07**
10	Total Balance to Finish, Including Retainage (Lines 3-7)		$ -

Certificaiton of Final Payment

I hereby certify that, to the best of my knowledge and belief, all items, quantities and prices of work and material shown on this Estimate are correct and that all work has been performed in full accordance with the terms and conditions of the Contract for this project between owner and the undersigned Contractor, and as amended by any authorized changes and the foregoing is a true and correct statement of the amount for the Final Estimate, the provisions of M.S. 290.92 have been complied with and that all claims against me by reason of the contract have been paid or satisfactorily secured.

North Valley, Inc.	Kayla McGuire
Contractor Name	Print Name
Secretary/Treasurer	
Title	Signature
	January 7, 2025
	Date

City of Ramsey Approval

	1/14/2025
Signature (Project Engineer)	Date
	1/17/2025
Signature (City Engineer)	Date

Juniper Woods 1st - 3rd Street Reconstructions
I.P. 24-12
Estimate No. 3 **Final**
Period Ending December 31, 2024

			CONTRACT AMOUNT				COMPLETED THIS PERIOD		COMPLETED TO DATE	
Item No.	MnDOT No.	Item Description	Unit	Estimated Quantity	Unit Price	Extended Total	Quantity	Extended Total	Quantity	Extended Total
1	2021.501	MOBILIZATION	LS	1.0	$ 20,017.47	$ 20,017.47	0.0	$ -	1.0	$ 20,017.47
2	2101.502	CLEARING	EA	2	$ 541.02	$ 1,082.04	0	$ -	2	$ 1,082.04
3	2101.502	GRUBBING	EA	2	$ 108.21	$ 216.42	0	$ -	2	$ 216.42
4	2104.502	REMOVE CASTING	EA	21	$ 189.35	$ 3,976.35	0	$ -	22	$ 4,165.70
5	2104.502	SALVAGE CATCH BASIN	EA	1	$ 486.91	$ 486.91	0	$ -	4	$ 1,947.64
6	2104.503	SALVAGE CHAIN LINK FENCE	LF	55	$ 16.23	$ 892.65	0	$ -	57	$ 925.11
7	2104.503	REMOVE STORM SEWER	LF	122	$ 10.82	$ 1,320.04	0	$ -	130	$ 1,406.60
8	2104.503	SAWING BITUMINOUS PAVEMENT - FULL DEPTH	LF	96	$ 3.08	$ 295.68	0	$ -	698	$ 2,149.84
9	2104.503	SAWING CONCRETE PAVEMENT - FULL DEPTH	LF	110	$ 8.66	$ 952.60	0	$ -	128	$ 1,108.48
10	2104.503	REMOVE CONCRETE CURB & GUTTER	LF	465	$ 7.03	$ 3,268.95	0	$ -	616	$ 4,330.48
11	2104.504	REMOVE BITUMINOUS PAVEMENT - DRIVEWAY	SY	22	$ 14.07	$ 309.54	0	$ -	33	$ 464.31
12	2104.504	REMOVE CONCRETE PAVEMENT - DRIVEWAY	SY	17	$ 23.80	$ 404.60	0	$ -	24	$ 571.20
13	2104.504	REMOVE CONCRETE VALLEY GUTTER	SY	29	$ 37.87	$ 1,098.23	0	$ -	14	$ 530.18
14	2105.607	COMMON EXCAVATION (EV)	CY	66	$ 30.30	$ 1,999.80	0	$ -	13	$ 393.90
15	2106.607	HAUL & STOCKPILE RECLAIM MATERIAL (LV)	CY	920	$ 12.92	$ 11,886.40	0	$ -	1270	$ 16,408.40
16	2130.523	WATER	MGAL	20	$ 41.12	$ 822.40	0	$ -	44	$ 1,809.28
17	2215.504	FULL DEPTH RECLAMATION	SY	12750	$ 2.34	$ 29,835.00	0	$ -	12750	$ 29,835.00
19	2231.603	SAWED & SEALED JOINT	EA	115	$ 12.98	$ 1,492.70	0	$ -	135	$ 1,752.30
20	2232.504	MILL BITUMINOUS PAVEMENT (2.0")	SY	17	$ 16.23	$ 275.91	0	$ -	17	$ 275.91
21	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	500	$ 3.79	$ 1,895.00	0	$ -	75	$ 284.25
22	2360.509	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,C) 2.0"	TON	90	$ 93.41	$ 8,406.90	0	$ -	109	$ 10,181.69
23	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.0"	TON	90	$ 95.92	$ 8,632.80	0	$ -	90	$ 8,632.80
24	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.5"	TON	1700	$ 89.38	$ 151,946.00	0	$ -	1713	$ 153,107.94
25	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.5" TRAIL	TON	4	$ 351.66	$ 1,406.64	0	$ -	6	$ 2,109.96
26	2501.502	15" RC PIPE APRON	EA	2	$ 1,947.65	$ 3,895.30	0	$ -	2	$ 3,895.30
27	2501.503	12" RC PIPE SEWER DESIGN 3006 CLASS III	LF	16	$ 81.15	$ 1,298.40	0	$ -	64	$ 5,193.60
28	2501.503	15" RC PIPE SEWER DESIGN 3006 CLASS III	LF	100	$ 81.15	$ 8,115.00	0	$ -	60	$ 4,869.00
29	2503.602	GROUT CATCH BASIN	EA	10	$ 270.51	$ 2,705.10	0	$ -	10	$ 2,705.10
30	2503.602	CONNECT TO EXISTING SEWER (STORM)	EA	3	$ 811.52	$ 2,434.56	0	$ -	3	$ 2,434.56
31	2503.603	INTERIOR CHIMNEY SEAL	EA	18	$ 180.93	$ 3,256.74	0	$ -	18	$ 3,256.74
32	2504.602	ADJUST VALVE BOX	EA	5	$ 513.96	$ 2,569.80	0	$ -	2	$ 1,027.92
33	2504.602	REPLACE BROKEN VALVE BOX	EA	3	$ 1,623.04	$ 4,869.12	0	$ -	3	$ 4,869.12
34	2506.502	ADJUST FRAME AND RING CASTING	EA	19	$ 595.11	$ 11,307.09	0	$ -	19	$ 11,307.09
35	2506.502	CASTING ASSEMBLY (SANITARY)	EA	18	$ 542.79	$ 9,770.22	0	$ -	18	$ 9,770.22
36	2506.502	CASTING ASSEMBLY (STORM)	EA	2	$ 787.92	$ 1,575.84	0	$ -	2	$ 1,575.84
37	2521.504	6" CONCRETE DRIVEWAY	SY	17	$ 73.58	$ 1,250.86	0	$ -	22	$ 1,618.76
38	2521.518	6" CONCRETE WALK	SY	50	$ 73.58	$ 3,679.00	0	$ -	44	$ 3,237.52
39	2521.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EA	12	$ 12.98	$ 155.76	0	$ -	25	$ 324.50
40	2531.503	CONCRETE CURB & GUTTER B618	LF	200	$ 48.69	$ 9,738.00	0	$ -	315	$ 15,337.35
41	2531.503	CONCRETE CURB & GUTTER SURMOUNTABLE	LF	200	$ 48.69	$ 9,738.00	0	$ -	279	$ 13,584.51

			CONTRACT AMOUNT				COMPLETED THIS PERIOD		COMPLETED TO DATE	
Item No.	MnDOT No.	Item Description	Unit	Estimated Quantity	Unit Price	Extended Total	Quantity	Extended Total	Quantity	Extended Total
42	2531.503	CONCRETE MEDIAN	SY	22	$ 75.74	$ 1,666.28	0	$ -	24	$ 1,817.76
43	2531.503	CONCRETE BULL NOSE	SY	8	$ 75.74	$ 605.92	0	$ -	14	$ 1,060.36
44	2531.604	7" CONCRETE VALLEY GUTTER	SY	58	$ 75.74	$ 4,392.92	0	$ -	65	$ 4,923.10
45	2531.618	TRUNCATED DOMES	SF	32	$ 51.94	$ 1,662.08	0	$ -	40	$ 2,077.60
46	2563.601	TRAFFIC CONTROL	LS	1	$ 2,434.56	$ 2,434.56	0	$ -	1	$ 2,434.56
48	2573.501	STABILIZED CONSTRUCTION ENTRANCE	EA	5	$ 270.51	$ 1,352.55	0	$ -	5	$ 1,352.55
49	2573.502	STORM DRAIN INLET PROTECTION	EA	11	$ 91.97	$ 1,011.67	0	$ -	12	$ 1,103.64
50	2573.503	SEDIMENT CONTROL LOG TYPE STRAW	LF	75	$ 2.59	$ 194.25	0	$ -	15	$ 38.85
51	2573.503	SILT FENCE, TYPE MS	LF	290	$ 2.59	$ 751.10	0	$ -	0	$ -
52	2574.507	TOPSOIL (LV)	CY	86	$ 45.87	$ 3,944.82	0	$ -	43	$ 1,972.41
53	2575.501	TURF ESTABLISHMENT	ACRE	0.13	$ 6,438.08	$ 836.95	0.00	$ -	0.13	$ 836.95
54	2575.602	LANDSCAPE RESTORATION	EA	5	$ 270.51	$ 1,352.55	0	$ -	5	$ 1,352.55
55	2582.518	CROSSWALK PAINT (EPOXY)	SF	120	$ 6.49	$ 778.80	0	$ -	120	$ 778.80
		BASE CONSTRUCTION TOTAL	**$**			**350,264.27**	**$**	**-**	**$**	**368,463.16**

ALTERNATIVE A (TRAIL)			CONTRACT AMOUNT				COMPLETED THIS PERIOD		COMPLETED TO DATE	
Item No.	MnDOT No.	Item Description	Unit	Estimated Quantity	Unit Price	Extended Total	Quantity	Extended Total	Quantity	Extended Total
56	2101.502	CLEARING	EA	9	$ 432.81	$ 3,895.29	0	$ -	9	$ 3,895.29
57	2101.502	GRUBBING	EA	9	$ 108.20	$ 973.80	0	$ -	9	$ 973.80
58	2105.607	COMMON EXCAVATION (EV)	CY	132	$ 37.87	$ 4,998.84	0	$ -	100	$ 3,787.00
59	2215.504	FULL DEPTH RECLAMATION TRAIL	SY	1920	$ 4.35	$ 8,352.00	0	$ -	2105	$ 9,156.75
60	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.5" TRAIL	TON	280	$ 116.81	$ 32,706.80	0	$ -	300	$ 35,043.00
61	2521.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EA	7	$ 12.98	$ 90.86	0	$ -	15	$ 194.70
62	2531.503	CONCRETE CURB & GUTTER B618	LF	20	$ 48.69	$ 973.80	0	$ -	20	$ 973.80
63	2531.618	TRUNCATED DOMES	SF	24	$ 51.94	$ 1,246.56	0	$ -	20	$ 1,038.80
64	2563.601	ALTERNATIVE PEDESTRIAN ROUTE	LS	1	$ 811.52	$ 811.52	1	$ 811.52	1	$ 811.52
65	2573.503	SILT FENCE, TYPE MS	LF	200	$ 2.59	$ 518.00	0	$ -	0	$ -
66	2574.507	TOPSOIL (LV)	CY	172	$ 34.47	$ 5,928.84	0	$ -	105	$ 3,619.35
67	2575.501	TURF ESTABLISHMENT	ACRE	0.25	$ 6,438.04	$ 1,609.51	0.00	$ -	0.25	$ 1,609.51
		ALTERNATIVE A (TRAIL) TOTAL	**$**			**62,105.82**	**$**	**811.52**	**$**	**61,103.52**
		GRAND TOTALS	**$**			**412,370.09**	**$**	**811.52**	**$**	**429,566.68**

Internal City Use Only			
Pavement Management Funds (0.75 Mob)		$ -	$ 324,180.62
Storm Sewer Utility Funds (0.05 Mob)		$ -	$ 27,252.08
Sanitary Sewer Utility Fund (0.05 Mob)		$ -	$ 14,027.83
2024 General Levy Budgeted Trail Funds (0.15 Mob) 04526265		$ 811.52	$ 64,106.14
Total Funds		$ 811.52	$ 429,566.68

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Address infrastructure needs.

Title:

Adopt Resolution #25-031 Approving Construction Contingency Expense No. 8 for Improvement Project #21-09, Centralized Water Treatment Plant

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #25-031 approving Construction Contingency Expense No. 8 for Improvement Project #21-09, Centralized Water Treatment Plant.

Background:

The Water Treatment Plant (WTP) project includes a construction contingency cost of $950,000 intended to pay for new items during construction that were not contemplated during the design process or for items that the owner, engineer, or contractor(s) propose to revise during construction.

The attached letter from Resident Project Representative Ryan Hanson with Advanced Engineering and Environmental Services, Inc. (AE2S), the City's contracted project engineer, identifies those items approved under previous Construction Contingency Expense requests, as well as the items proposed to be adjusted during construction as part of Construction Contingency Expense No. 8.

No extension of time is being requested as part of Construction Contingency Expense No. 8. However, the contractor may decide at a later date to request an extension of time for any of the Construction Contingency Expenses. If a time extension request is made, it will be presented at a later date in the form of a formal Change Order request.

Notification:

Notifications are not required for this case.

Time Frame/Observations/Alternatives:

Observations:

The modifications proposed with Construction Contingency Expense No. 8 will reduce maintenance costs and improve environmental conditions within the WTP over the life of the plant, and are necessary to accommodate previous plan modifications resulting from Department of Labor and Industry requirements and modifications approved as part of Construction Contingency Expenses #1 and #3.

Alternatives:

Motion to adopt Resolution #25-031 approving Construction Contingency Expense No. 8 for Improvement Project #21-09, Centralized Water Treatment Plant.

Funding Source:

Costs associated with Construction Contingency Expense No. 8 total $31,463.77. The original Construction Contingency amount was $950,000. Approving Construction Contingency Expense No. 8 will reduce the available construction contingency amount to $416,890.92, which equals 43.9-percent of the original contingency amount.

Attached to this case is a project budget status letter prepared by the project engineers at AE2S. As is noted in the letter, AE2S feels the construction of the water treatment plant is progressing well and is not likely to require additional funding to cover change orders beyond what is already reserved in the construction allowances. However, this letter also states that over the last six months, AE2S invoices to the city have averaged $31,000 per month and at that current burn rate they expect to run out of budget by August 2025, which will likely leave them short on budget to provide the necessary start up assistance at the new Substantial Completion date of July 28, 2025. Staff will therefore meet with AE2S to discuss reducing their efforts on-site or amending their fee to ensure enough budget remains to complete the project.

Recommendation:

Staff and AE2S recommend approving Construction Contingency Expense No. 8 for reasons summarized in this case and the attached letter.

Outcome/Action:

Motion to adopt Resolution #25-031 approving Construction Contingency Expense No. 8 for Improvement Project #21-09, Centralized Water Treatment Plant.

Attachments

Resolution 25-031

AE2S Letter CCE8

WTP Budget Status Letter

Form Review

Inbox	Reviewed By	Date
Brian Hagen	Brian Hagen	01/23/2025 01:49 PM
Form Started By: Bruce Westby		Started On: 01/22/2025 08:27 AM
Final Approval Date: 01/23/2025		

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-031

RESOLUTION APPROVING CONSTRUCTION CONTINGENCY EXPENSE NO. 8 FOR IMPROVEMENT PROJECT #21-09, CENTRALIZED WATER TREATMENT PLANT

WHEREAS, pursuant to Ramsey City Council Resolution #23-061 adopted March 28, 2023, a contract was awarded to Magney Construction, Inc. in the amount of $31,528,500.00 for construction of a centralized Water Treatment Plant and an amendment was accepted from Advanced Engineering and Environmental Services in the amount of $225,100.00 for additional construction phase services for the Water Treatment Plant, and

WHEREAS, the project includes a general construction contingency cost in the amount of $950,000 to pay for new items during construction that were not contemplated during the design process, or for items that the owner, engineer, or contractor(s) propose to revise during construction; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-226 adopted September 26, 2023, Construction Contingency Expense No. 1 was approved in the amount of $76,446.91; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-277 adopted November 14, 2023, Construction Contingency Expense No. 2 was approved in the amount of $135,654.02; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-073 adopted March 12, 2024, Construction Contingency Expense No. 3 was approved in the amount of $99,095.63; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-103 adopted April 9, 2024, Construction Contingency Expense No. 4 was approved in the amount of $102,023.36; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-134 adopted May 14, 2024, Construction Contingency Expense No. 5 was approved in the amount of $39,361.69; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-160 adopted June 11, 2024, Construction Contingency Expense No. 6 was approved in the amount of $17,125.02; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-296 adopted November 12, 2024, Construction Contingency Expense No. 7 was approved in the amount of $31,938.68; and

WHEREAS, AE2S has identified additional items requiring adjustments during construction under Construction Contingency Expense No. 8 in the amount of $31,463.77.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA, as follows:

1) The City Administrator is hereby authorized and directed to execute Construction Contingency Expense No. 8 for Improvement Project #21-09 in the amount of $31,463.77 for and on behalf of the City of Ramsey.

The motion of the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

www.ae2s.com

January 21, 2025

Bruce Westby
City of Ramsey
7550 Sunwood Drive NW
Ramsey, MN 55303

Re: Water Treatment Plant – Construction Contingency Expense No. 8

Dear Mr. Westby:

AE2S continues to oversee the construction of the City of Ramsey's new WTP. Magney has completed the concrete pours for the reservoir as well as most of the concrete pours up to 128' of the Water Treatment Plant. Subcontractors have completed electrical conduit installation within the electrical room and floor slabs throughout the facility. Subcontractors have completed block work for the chemical rooms, stairwell and well access room. Steel beam installation has be completed in the pipe gallery up to elevation 109'. Waterproofing and insulation on both the walls and lid of the reservoir has been installed. Site piping has been installed for sanitary, raw, and finished water connecting to utility in the right of way. Our engineering team has continued to coordinate with Magney and further refine the installation details of other pieces of equipment. Through those investigations we have identified some items that will require adjustments. This letter is intended to outline those adjustments and summarize the current project budget in order for the City to fully understand the status of the project.

Basis for of Construction Contingency Expenses:

Currently eighteen (18) requests for pricing (RFP) have been submitted to Magney. To date AE2S has received pricing back on all eighteen (18) of the RFP's, and has received thirteen (13) separate Contractor proposals. The Engineer has received all of the received proposals and recommends that the Owner move forward with approving Construction Contingency Expense No. 8, which includes Proposal No. 028, No. 029, Proposal No. 030, and Proposal No. 031. Descriptions of the changes are described below and proposals and associated initiation documents are attached for reference. If the Contractor would like to include a request for extension as a result of these changes, a formal Change Order request will be issued at a different time.

Proposal No.	Initiation	Description	Total Cost	Required	Status
001	RFP 001	Mixing Pumps Pipe Upsizing	$51,287.38	Y	Approved – Construction Contingency Expense 1
002	RFP 003	Admin Ceiling Grid Color	$2,609.25	N	Approved – Construction Contingency Expense 1
003	Incidental	Building Permit Reimbursement	$62,887.28	Y	Approved – Construction Contingency Expense 2
004	RFP 002	Upsizing Air Exchange in Plate Settler Room	$16,580.02	N	Approved – Construction Contingency Expense 2
005	RFP 006	Storm and Plumbing Updates	$22,550.28	Y	Approved – Construction Contingency Expense 1
006	RFP 005	Flowable Fill	-	N	Rejected
007	RFP 004	Blower Pipe Upsizing	$55,230.60	Y	Approved – Construction Contingency Expense 2
008	City Request	Groundbreaking Signage Reimbursement	$956.12	Y	Approved – Construction Contingency Expense 2

009	City Request	Prevailing Wages	$794,153.71	Y	Approved – Change Order 01
010	RFP 007	Backwash Supply Piping Modifications	$3,068.77	Y	Approved – Construction Contingency Expense 3
011	Field Order 002	Electrical Modifications	$17,533.24	Y	Approved – Construction Contingency Expense 7
011 – Part B	Engineer Direction	Electrical Modifications	$3,033.99	Y	Approved – Construction Contingency Expense 7
012	RFI 013	Accordion Folding Security Door	$10,010.85	N	Approved – Construction Contingency Expense 3
013	RFP 005	Jet Mixing System Pump Modifications	$16,834.33	Y	Approved – Construction Contingency Expense 3
014	RFP 009	Backwash Tank Overflow	$1,534.38	Y	Approved – Construction Contingency Expense 3
015	Field Order 004	Field Order No. 4 - Door Hardware Changes	$10,922.45	Y	Approved – Construction Contingency Expense 3
016	Door Hardware Meeting	Door Hardware Changes	$56,724.85	Y	Approved – Construction Contingency Expense 3
017	RFP 010	Filter Slab Modifications	$96,634.23	Y	Approved – Construction Contingency Expense 4
018	Field Directed	Conduit Encasement	$5,389.13	Y	Approved – Construction Contingency Expense 4
019	Field Order 012	North Sump Pit	$6,764.43	Y	Approved – Construction Contingency Expense 5
020	Field Order 013	CB1 Air Flow Sleeves	$4,617.83	Y	Approved – Construction Contingency Expense 5
021	RFP 013	Torpedo Sand Filter Layer	$27,979.43	N	Approved – Construction Contingency Expense 5
022		Remove Penetron Admixture	- $5,920.00	N	Approved – Construction Contingency Expense 6
023	RFP 014	Reservoir Vent Piping	$3,645.52	Y	Approved – Construction Contingency Expense 6
024	RFP 015	BWW Piping Relocation	$5,504.74	Y	Approved – Construction Contingency Expense 6
025	RFP 017	Additional Waterstop	$10,749.95	Y	Approved – Construction Contingency Expense 6
026	RFP 016	Water Wick Drain Connection	$3,144.81	Y	Approved – Construction Contingency Expense 6
026 - Revised	RFP 016	Water Wick Drain Connection	$5,948.79 (minus the previously approved amount of $3,144.81)	Y	Approved – Construction Contingency Expense 7
027	Field Order 019	West Backwash 30" Wall Detail	$8,567.47	Y	Approved – Construction Contingency Expense 7
028	Field Order 016	Chemical Containment Modifications	$2,354.53	Y	Pending – Construction Contingency Expense 8
029	Field Order 018	Fencing Modifications	$3,769.36	Y	Pending – Construction Contingency Expense 8
030	Submittal 128B	100 amp Breaker for Mixing Pump	$3,743.56	Y	Pending – Construction Contingency Expense 8
031	RFP 018	CU 3 Relocation	$21,596.32	N	Pending – Construction Contingency Expense 8
Note: Any extension delays will be approved as a separate Change Order and will not be included in this Construction Contingency Expense.					

Proposal No. 028 (Field Order No. 016) – Chemical Containment Modifications:
The overall dimensions of the recessed chemical containment basin had to be altered to better fit the requirements of the approved chemical storage and feed equipment. The basins were also lowered to allow operators and chemical suppliers better access to hatches and fill lines on the chemical tanks. The changes required some modifications to the proposed rebar as well as the addition of waterstop to prevent any spilled chemicals leaking out of the basins. This proposal consists of material and labor costs of the addition of water stop as well as rebar modifications.

Proposal No. 029 (Field Order No. 18) - Fencing Modifications:
The stormwater pond on the west side of the WTP site was expanded due to Department of Labor Industries' requirements. When the pond design was expanded, an oversight on expanding the surrounding chain-link fence occurred. To incorporate this expansion, the adjacent vinyl chain-link fence must be extended as well as additional maintenance/mow strip. Proposal No. 029 included labor and material cost for an additional 30-feet of fencing and 30-feet of a maintenance/mow strip.

Proposal No. 030 (Submittal 128B) – 100 amp Breaker:
During submittal review, the Jet Mixing System manufacturer required the piping and pump system to be upsized to provide adequate mixing within the Backwash Reclaim Tank. This cost increase was processed with CCE #1 and the pump was modified for a better option with CCE #3. Due to the upsizing of the pump, a larger breaker is now required, which was not picked up by the electrician on the previous changes. This proposal consists of the material and labor costs to upsize the two breakers to 100amp and upsize the conduit wire appropriately.

Proposal No. 031 (RFP 18) – CU-3 Relocation:
During submittal review of the condensing unit (CU-3) located in the Blower Room, the mechanical engineer suggested that without adequate air conditioning in the Blower Room that the heat output from CU-3 could make the room uncomfortable during the summer months. It was recommended to relocate CU-3 to the lower roof above the chemical rooms. This would not only reduce the heat output in the Blower Room, it would also allow the Owner to better access the unit for future repairs and replacement. This proposal consists of the material and labor costs to relocate CU-3, electrical conduit, and coolant lines, as well as add flashing around the unit.

Summary of General Construction Contingency Costs:

Within the Contractor's bid price, the Owner required the Contractor to include a $950,000.00 General Construction Allowance. This was intended to limit the Contract changes due to change orders by applying general construction changes to a set contingency allowance. The General Construction Allowance equates to about 3% of the overall construction bid price. It is typical for projects of this magnitude to usually incur an increase in the bid price of around 3% due to change orders, so it is expected that most of this allowance will be used up by the conclusion of construction. Any unused allowance funds will be deducted from the Final Payment of the project.

www.ae2s.com

AE2S has summarized all known construction contingency expenses below, to help the City of Ramsey better understand the current contingency status. With the approval of Construction Contingency Expense No. 8, the total approved expenses will total $533,109.08 of the existing $950,000.00 General Construction Allowance. As construction progresses, AE2S will continue to provide cost updates and coordination with City staff.

Expense No.	**General Construction Contingency Amount**
	Original Contingency: $950,000.00
Expense No. 1	$76,446.53
Expense No. 2	$135,654.02
Expense No. 3	$99,095.63
Expense No. 4	$102,023.36
Expense No. 5	$39,361.69
Expense No. 6	$17,125.02
Expense No. 7	$31,938.68
Expense No. 8	$31,463.77
Net Expenses to Date:	**$533,109.08**
Available Construction Contingency =	**$416,890.92**
Percent Completed	56.1%

In summary, AE2S continues to support and track the progress of the WTP and will provide updates as necessary for the City to make responsible decisions on the progress of the WTP. This document is being submitted as Construction Contingency Expense No. 8 for the City to formally consider and take action on. Should you have any further questions please do not hesitate to contact me at my e-mail Ryan.Hanson@ae2s.com or on my cell phone at 612-220-0154.

Submitted in Service,
AE2S

Ryan Hanson
Assistant Project Manager

Attachments: *Proposal No. 028, Field Order No. 016, Proposal No. 029, Field Order No. 018, Proposal No. 030, Proposal No. 031, RFP 018*

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: Ryan Hanson	By:	By:
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Title: Project Engineer	Title:	Title:
Date: January 21, 2025	Date:	Date:

ATTACHMENT:
CONTRACTOR PROPOSAL 028

MAGNEY CONSTRUCTION
COMMERCIAL & INDUSTRIAL CONTRACTORS
1401 Park Road - Chanhassen, MN 55317
952.474.1674 Office 952.474.1679 Fax
www.magneyconstruction.com

Proposal

SEND TO		
Company name AE2S		*From* Noah Pundsack
Attention Mr. Ryan Hanson		*Date* 10/16/2024
E-mail Ryan.Hanson@ae2s.com	*Phone* (612) 220-0154	*Magney Proposal No. 028* Field Order No. 016 Chemical Containment Modifications

☐ ***Urgent*** ☐ ***Please comment*** ☒ ***Please review*** ☐ ***For your information***

Total pages, including cover: 2

COMMENTS

Re: Ramsey Water Treatment Plant - Ramsey, MN

Ryan,

Magney Construction, Inc. is pleased to present the following quotation to furnish the necessary labor, material, and equipment to complete the requested changes In Field Order No. 016 - To match the added detail for the chemical containment walls adding waterstop, modifying the rebar to match the new detail. See the costs associated with change are summarized below.

Labor: Install An Additional 125' Of Waterstop	$	934.38
Material: Additional 125' Of Waterstop (Including Tax)	$	562.25
Material: Rebarfab - Provide Additional 125 Lbs. Of Rebar (Including Tax)	$	427.09
Equipment: Misc. Small Tools and Equipment (10% of Labor)	$	93.44
Subcontractor:		
Subtotal	$	2,017.16
General Contractor's Overhead	$	302.57
Bond & Insurance premiums	$	34.80
Lump Sum Total:	**$**	**2,354.53**

Additional Calendar Days Required for this Change (Including material lead time):	

Please review this proposal and feel free to contact me with any questions, comments or concerns.

Thank you,

Noah Pundsack

Noah Pundsack
Project Engineer

Accepted By	*Date*

Rebarfab inc.
REINFORCING BAR FABRICATORS

Phone: (651) 633-3337 *Shipping: 720 First St. S.W.*
Fax: (651) 633-2332 *Mailing: P.O. Box 120267*
E-mail: nickw@rebarfabinc.com *New Brighton, MN 55112*

Date: September 16, 2024

To: Magney Construction

Attn: Noah Pundsack

Project: Ramsey WTP

Rebarfab, Inc. Job #23067

Change Order: #6

Control Code-Release #N/A

DESCRIPTION OF CHANGES IN THIS CONTRACT:

Revisions to SOG trenches per FO #16

Weight Added: 125 lbs $95.00 Black ☒ Epoxy ☐

Time Added: 3 hours $300.00

Misc. Added: None

Freight Added: None

Total Cost This Change: $395.00 ** Tax excluded. Add applicable taxes.

ALL PRICES ARE PLUS TAX UNLESS NOTED OTHERWISE.
UPON SIGNATURE, CONTRACTOR IS TAKING FULL RESPONSIBILITY.
ALL OTHER TERMS AND CONDITIONS OF THE CONTRACT REMAIN THE SAME.
SIGNED COPY RETURNED VIA FAX REQUIRED PRIOR TO FABRICATION.

Rebarfab, Inc.

Approved by: _____ **Approved by: _____**

Nick Watercott

ATTACHMENT:
ENGINEER FIELD ORDER 016

Field Order / Supplemental Instruction

Field Order No.: FO-016

Date: 9/11/2024

To:	Kevin Vranicar	**From:**	Abby Bowman
Title:	Project Manager	**Title:**	Resident Project Representative
Company:	Magney Construction, Inc.		
Address:	1401 Park Road Chanhassen, MN 55317	**AE2S No.:**	P05434-2020-002

You are hereby directed to execute this Field Order / Supplemental Instruction that interprets or provides for minor revisions to the Contract Documents without changes to the Contract Price or Time.

Referenced Document(s): ☒

Specification Section(s):

Drawing(s):

Description of Interpretation or Change:

Clarification on chemical containment trough sizes and locations to better incorporate installed electrical conduit and plumbing. As well as a new structural sketch showcasing the rebar and addition of waterstop.

Attachments: Supplemental Instructions

Signature: Abby Bowman

☒ **Attachments** (*list*):

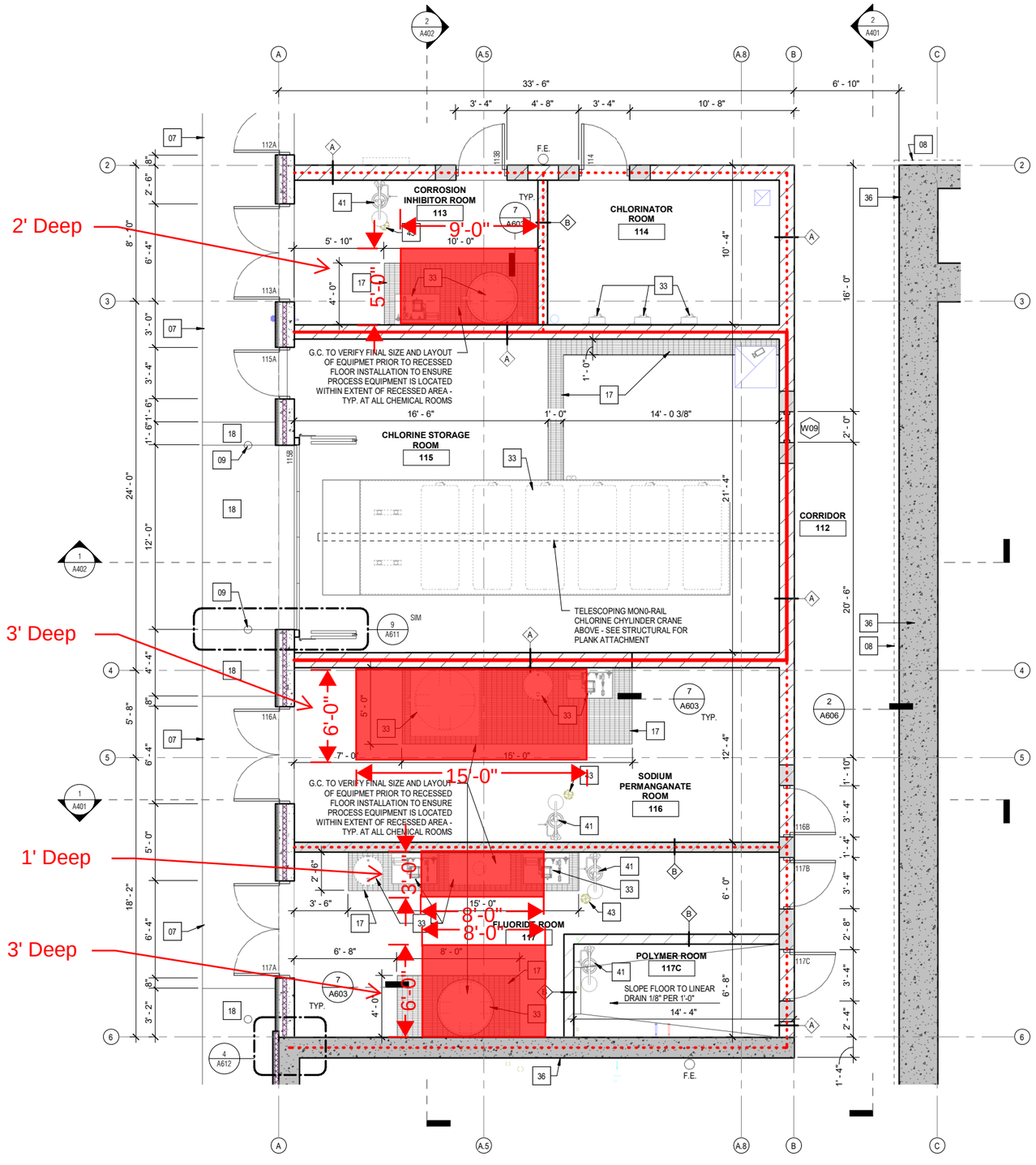
A152 Containment Sizes

SK-2 Structural

Copies:

- ☐ Posted on Newforma
- ☐ Field Office, Ryan Hanson, AE2S
- ☒ AE2S File
- ☐ Other:

Layout: 22x34
BIM 360://05434-2020-002 Ramsey Water Treatment Plant/Ramsey WTP_A_V20.rvt



1 CHEMICAL ROOMS
SCALE 1/4" = 1'-0"

PLAN KEYNOTES:

01	ANODIZED ALUM. SHIPS LADDER WITH ALUM. PIPE RAILING, PROVIDE DISSIMILAR MATERIAL SEPARATION BETWEEN ALUM. AND STEEL AS REQD, ALL WELDS TO BE GROUND SMOOTH
02	ANODIZED ALUM. PIPE HAND AND GUARD RAILING, PROVIDE DISSIMILAR MATERIAL SEPARATION BETWEEN ALUM. AND STEEL AS REQD, ALL WELDS TO BE GROUND SMOOTH
03	CAST-IN ALUM. FLOOR HATCH - SEE HATCH DETAILS FOR MORE INFORMATION
04	STEEL STAIR WITH FRP TREAD GRATING AND ANODIZED ALUM. PIPE GUARD AND HAND RAILING (PROVIDE DISSIMILAR MATERIAL SEPARATION BETWEEN ALUM. AND STEEL), ALL WELDS TO BE GROUND SMOOTH, PAINT ALL EXPSOED STEEL
05	3" FRP GRATING - SEE STRUCTURAL FOR LOADING REQUIREMENTS
06	ANODIZED ALUM. ROOF ACCESS LADDER WITH PIPE RAILING (PROVIDE DISSIMILAR MATERIAL SEPARATION BETWEEN ALUM. AND STEEL), ALL WELDS TO BE GROUND SMOOTH
07	STRUCTURAL CONCRETE STOOP - SEE STRUCTURAL FOR MORE INFORMATION
08	INTEGRAL 5 1/2" WIDE WATER WICK AT PERIMETER OF TANK WALLS - TYP.
09	CONCRETE FILLED 6" DIA. STEEL PIPE BOLLARD. PROVIDE PLASTIC BOLLARD COVERS AT EXTERIOR LOCATIONS - TYP.
10	PROVIDE CONCRETE HOUSE KEEPING PAD FOR ALL MECHANICAL EQUIPMENT, PAINT - VERIFY ACTUAL SIZE IN FIELD
11	PROVIDE 3/4" PLYWOOD BACKER @ WALLS OF TECH. AND ELECTRICAL ROOM AS REQU. VERIFY LOCATION IN FIELD WITH VENDORS
12	ACCESS PANEL AS REQUIRED, PROVIDE MATCHING WALL FINISH OVER DOOR PANEL TO ADJACENT SURFACES
13	SOLID SURFACE WINDOW SILL
14	(3) HEAVY DUTY PLYWOOD SHELVES WITH ADJUSTABLE TRACK SYSTEM - VERIFY IN FIELD
15	SOLID SURFACE COUNTER WITH PREFINISHED MTL. SUPPORT BRACKETS - SEE INTERIOR ELEVATIONS FOR LAYOUT AND ADDITIONAL INFORMATION
16	EXPOSED GALVANIZED STEEL COLUMN - SEE STRUCTURAL
17	2" FRP GRATING - SEE STRUCTURAL FOR LOADING REQUIREMENTS
18	CONCRETE APRON - SEE CIVIL
19	SOLID SURFACE COUNTERTOP AND BACKSPLASH OVER CASEWORK WITH PLASTIC LAMINATE FINISH - SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
20	UNDERMOUNT SOLID SURFACE SINK - SEE MECH. FOR MORE INFORMATION
21	INTEGRAL SOLID SURFACE SAMPLE SINK, PROVIDE (3) WATER TAPS PLUS (1) SERVICE TAP - SEE MECH./DETAILS ON A-702 FOR MORE INFORMATION
22	DUAL HEIGHT, ACCESSIBLE WATER COOLER AND JUG FILLER - SEE MECH. INSTALL PER MN STATE ACCESSIBILITY CODE, SECTION 1341
23	STAINLESS STEEL ADA GRAB BARS PER MN STATE ACCESSIBILITY CODE
24	WALL MOUNTED TOILET FIXTURE - SEE MECH. FOR MORE INFORMATION
25	WALL MOUNTED ALL-IN-ONE SINK - SEE MECH. FOR MORE INFORMATION
26	WALL MOUNTED 2'x3' MIRROR WITH PRE-FINISHED ALUM. FRAME
27	SEMI-RECESSED TOILET ACCESSORIES PER MN STATE ACCESSIBILITY CODE
28	WALL MOUNTED URINAL FIXTURE - SEE MECH. FOR MORE INFORMATION
29	JANITOR MOP SINK - SEE MECH. FOR MORE INFORMATION
30	WALL MOUNTED T.V. SCREENS BY OWNER, PROVIDE BLOCKING, COORDINATE LOCATION WITH OWNER - SEE ELECTRICAL
31	UNDER COUNTER MINI FRDIGE/FULL SIZE FRIDGE BY OWNER
32	SOLID SURFACE TRANSITION - SEE FINISH SHEET FOR MORE INFORMATION
33	PROCESS PIPING/EQUIPMENT - SEE PROCESS
34	PLAM CABINETRY - SEE INTERIOR ELEVATIONS FOR LAYOUT AND ADDITIONAL INFORMATION
35	WALL MOUNTED FRP TANK LADDER - SEE DETAIL 1/A510 FOR MORE INFORMATION
36	WALL MOUNTED ALUM. ROOF ACCESS LADDER WITH FALL ARRESTOR
37	ANODIZED ALUM. SWING GATE WITH SELF CLOSING HINGES, STOPS, AND HASP.
38	STAINLESS STEEL 2"x2" CORNER GUARDS - SEE INTERIOR ELEVATIONS FOR HEIGHTS
39	SUMP MANHOLE WITH COVER, PAINT ALL EXPOSED MTL. - SEE 05 50 00 MISC. METAL FOR MORE INFORMATION
40	FIRE RATED ACCORDION DOOR WITH EMERGENCY EGRESS CONTROL
41	EYE WASH AND SHOWER- SEE MECH.
42	STEEL STAIR WITH CONCRETE FILLED MTL. PAN TREAD/RISER AND ANODIZED ALUM. GUARD RAILING (PROVIDE DISSIMILAR MATERIAL SEPARATION BETWEEN ALUM. AND STEEL), ALL WELDS TO BE GROUND SMOOTH, PAINT ALL EXPOSED STEEL
43	FLOOR DRAIN, REFER TO FINISH SCHEDULE FOR F.F.L. AT DIFFERENT LOCATIONS. AT RESTROOM LOCATION SLOPE ENTIRE FLOOR TO DRAIN. - SEE MECH.
44	BUMP-OUTS WITH PRE-FINISHED RIBBED MTL. PANEL (MP-02) FINISH

TYPE	GRAPHIC	CONSTRUCTION ASSEMBLY SURFACE 1	CORE	SURFACE 2	TOTAL THICKNESS	FIRE RATING	NOTES
A		-	12" BLOCK	-	0' - 11 5/8"		SURFACE MOUNTED ELECTRICAL CONDUIT AND BOXES
B		-	8" BLOCK	-	0' - 7 5/8"		SURFACE MOUNTED ELECTRICAL CONDUIT AND BOXES
D		5/8" GYP BD	3 5/8" METAL STUD	5/8" GYP BD	0' - 4 7/8"		
E		5/8" GYP BD	2 1/2" MTL STUD				
F		5/8" GYP BD	6" MTL. STUD	5/8" GYP BD	0' - 7 1/4"		MOISTURE RESISTANT GYP AT WET LOCATIONS, SOUND INSULATING BATT AT EDUCATION AND COLLABORATION ROOM, BATHROOM, AND CONTROL ROOM LOCATIONS
G		5/8" GYP BD	6" MTL. STUD				
H			12" PRECAST PANEL		1' - 0"		SURFACE MOUNTED ELECTRICAL CONDUIT AND BOXES

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 ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
SIGNATURE:
TYPED NAME: ANDREW N. COOPER
REG. NO. 46485
January 27, 2023

OERTEL ARCHITECTS

AES2

SYM	DATE	DESCRIPTION	APPR

FIRE RATED WALLS:

- 1HR RATED FIRE BARRIER/HORIZONTAL ASSEMBLY
- 2 HR RATED FIRE BARRIER/HORIZONTAL ASSEMBLY

ALL FIRE BARRIER WALLS TO BE MARKED AND IDENTIFIED PER SEC. 707.3. FIELD VERIFY WITH ARCHITECT/OWNER LOCATION AND COLOR

GENERAL NOTES:

PLAN NOTES ARE TYPICAL FOR ALL BUILDING PLANS. SOME NOTES MAY NOT BE LOCATED ON ONE PLAN VIEW, BUT ARE STILL APPLICABLE WITHIN THE PROJECT

FIRE BARRIERS PER MNBC SEC. 707 HORIZONTAL ASSEMBLIES PER MNBC SEC. 711

SEE SHEET A-609 FOR TYPICAL PENETRATION DETAILS IN FIRE RATED ASSEMBLIES

ALL JOINTS (FLOOR, CEILING OR STRUCTURE, AND WALL TO STRUCTURE SHALL BE SEALED TO MEET FIRE RATING REQUIREMENTS)

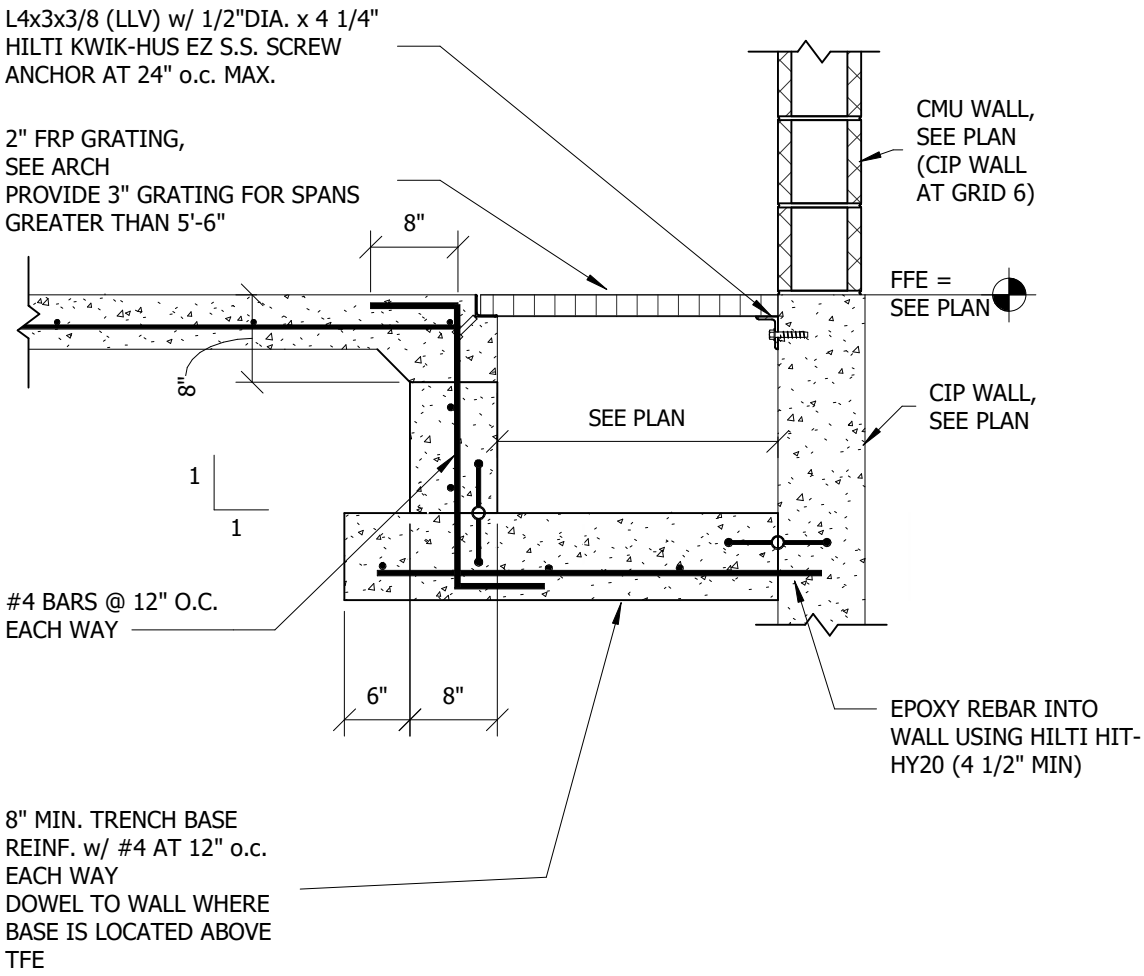
ALL EXPOSED STEEL IN P.S. AREA TO BE GALVANIZED. ALL OTHER AREAS WITH EXPOSED STEEL TO BE PRIMED AND PAINTED

- INDICATES CAST-IN-PLACE CONCRETE WALLS AND TANK STRUCTURE - SEE STRUCTURAL
- INDICATES LOAD BEARING CMU WALLS - SEE STRUCTURAL

RAMSEY WATER TREATMENT PLANT
CITY OF RAMSEY
RAMSEY, MN
MAIN LEVEL ENLARGED PLANS

DRAWING TYPE: CONST.
PREPARED BY: DCE
CHECKED / APPROVED: ANC / ANC
DATE: 01/27/2023
PROJECT NUMBER: 21-24
DRAWING: A152

Advanced Engineering and Environmental Services, LLC. ● Water Tower Pl Business Ctr 6901 E Fish Lake Rd Ste 184 Maple Grove, MN 55369 ● (t) 763-463-5036 (f) 763-463-5037 ● www.ae2s.com



1 TRENCH DETAIL Copy 1
NO SCALE

Unnamed

DESIGN TREE
engineering + land surveying
Corporate Office:
120 17th Ave W Alexandria, MN 56308
888-216-1916

RAMSEY WATER TREATMENT PLANT

RAMSEY, MINNESOTA

DATE:	09/11/24
DRAWN BY:	Author
CHECKED BY:	Checker
PROJECT NO.:	05434-2020-002

DRAWING NO.
TYPE
SK-2

BIM 360://05434-2020-002 Ramsey Water Treatment Plant/Ramsey WTP_S_V20.rvt

ATTACHMENT:
CONTRACTOR PROPOSAL 029

MAGNEY CONSTRUCTION
COMMERCIAL & INDUSTRIAL CONTRACTORS
1401 Park Road - Chanhassen, MN 55317
952.474.1674 Office 952.474.1679 Fax
www.magneyconstruction.com

Proposal

SEND TO	
Company name AE2S	*From* Noah Pundsack
Attention Abby Bowman	*Date* 11/1/2024
E-mail Abigail.Bowman@AE2S.com *Phone* (763) 463-5036	*Magney Proposal No. 029* Field Order No. 018 Fencing Modifications

☐ ***Urgent*** ☐ ***Please comment*** ☒ ***Please review*** ☐ ***For your information***

Total pages, including cover: 2

COMMENTS

Re: Ramsey Water Treatment Plant - Ramsey, MN

Abby,

Magney Construction, Inc. is pleased to present the following quotation to furnish the necessary labor, material, and equipment to complete the requested changes In Field Order No. 018 - Fencing Modifications. To extend the vinyl chain-link fence and associated maintenance/mow strip to accommodate the expanded foot print of the stormwater detention pond. See the costs associated with change are summarized below.

Labor: Additional Labor For Added Concrete Forming & Pouring	$	1,483.13
Material: Concrete & Form Work For An Additional 30' Of Maintenance/Mow Strip	$	453.04
Equipment: Misc. Small Tools And Equipment (10% of Labor)	$	148.31
Subcontractor: American Fence Company Install Additional 30' Of Fencing	$	1,275.00
Subtotal	$	3,359.48
General Contractor's Overhead	$	354.18
Bond & Insurance premiums	$	55.70
Lump Sum Total:	**$**	**3,769.36**

Additional Calendar Days Required for this Change (Including material lead time):	

Please review this proposal and feel free to contact me with any questions, comments or concerns.

Thank you,

Noah Pundsack
Noah Pundsack
Project Engineer

Accepted By	*Date*

FENCING & GATE PROPOSAL

Date: 10.16.2024
Attn: ESTIMATING DEPARTMENT
Project: Ramsey WTP – Change Order for Field Order 18
Project Address: Ramsey, MN
Scope: Provide and install additional 30LF of 7’ tall black vinyl chainlink fence.
Addendums: Field Order 18 – Sheet A100

Project Pricing: $1,275.00
Unless otherwise stated, pricing does not include excise tax, subject to change after 30 days of date of proposal. This proposal is not binding unless signature is affixed to page two. Do not sign and return this sheet without signed second page. A purchase order initiates your project engineering process and holds your material pricing for 30 days. If American Fence Company does not receive approval to proceed with purchasing within this 30-day period, project pricing is subject to review.

Contact Information: Sly Zipse
O: 507-289-0898 C: 507-718-1437
s.zipse@americafence.com

ATTACHMENT:
ENGINEER FIELD ORDER 018

Field Order / Supplemental Instruction

Field Order No.: FO-18

Date: 8/14/2024

To:	Kevin Vranicar	**From:**	Ryan Hanson
Title:	Project Manager	**Title:**	Resident Project Representative
Company:	Magney Construction, Inc.		
Address:	1401 Park Road Chanhassen, MN 55317	**AE2S No.:**	P05434-2020-002

You are hereby directed to execute this Field Order / Supplemental Instruction that interprets or provides for minor revisions to the Contract Documents without changes to the Contract Price or Time.

Referenced Document(s): ☐

Specification Section(s):

Drawing(s): A100

Description of Interpretation or Change:

Modifications to the fencing as a result of the changes to the stormwater detention pond in Field Order No. 01.

Attachments: ASI-03

Signature: Ryan Hanson

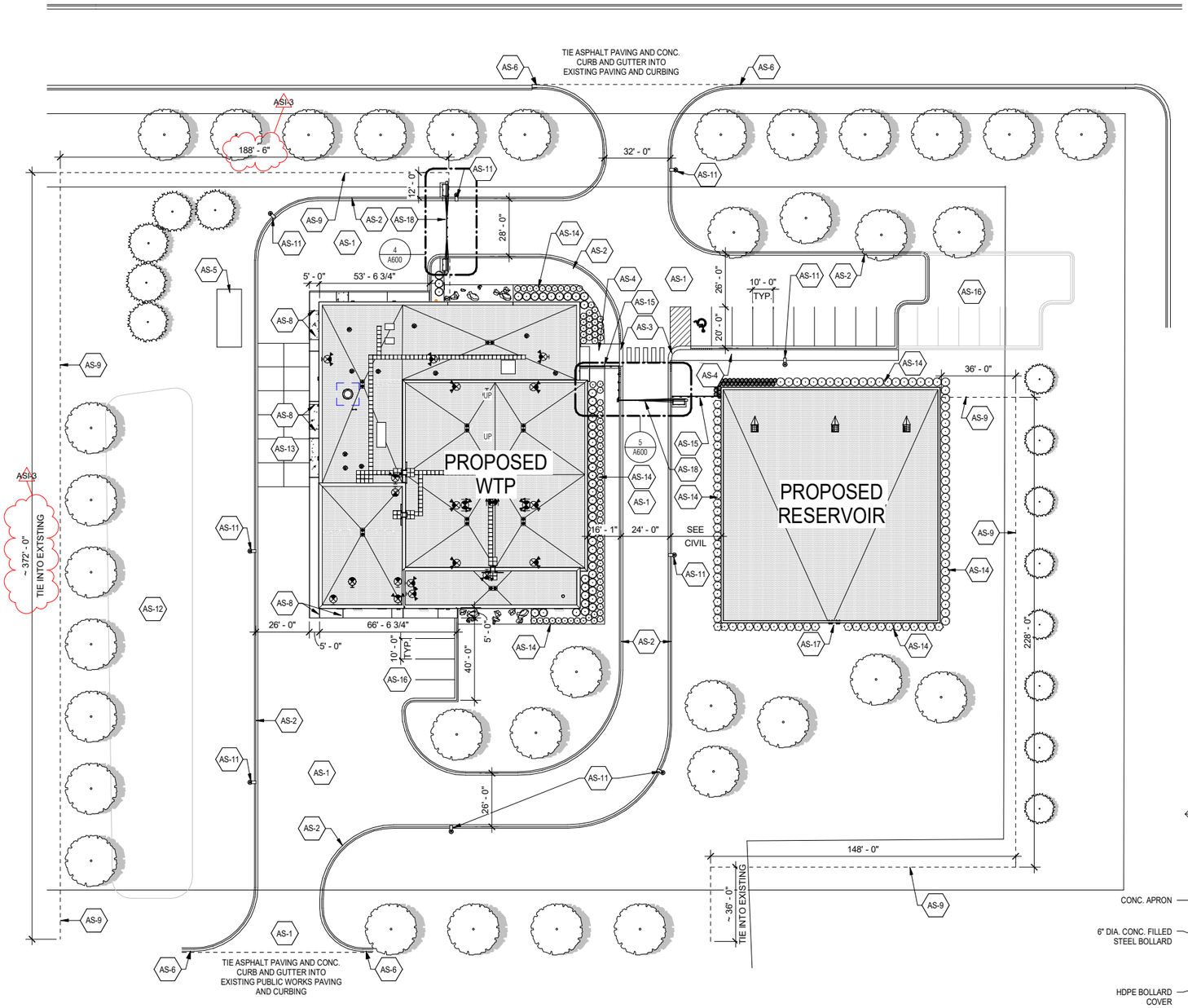
☒ **Attachments** (*list*):

ASI-03 (A100)

Copies:

- ☐ Posted on Newforma
- ☐ Field Office, Ryan Hanson, AE2S
- ☒ AE2S File
- ☐ Other:

Layout: 22x34
BIM 360://06434-2020-002 Ramsey Water Treatment Plant/Ramsey WTP_A_V20.rvt



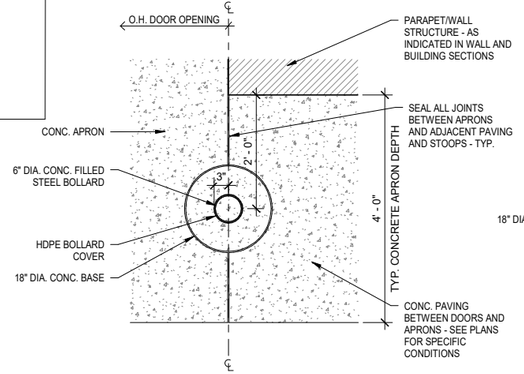
1 SITE PLAN
SCALE 1" = 30'-0"
30' 20' 10' 0 30' 60'

NORTH

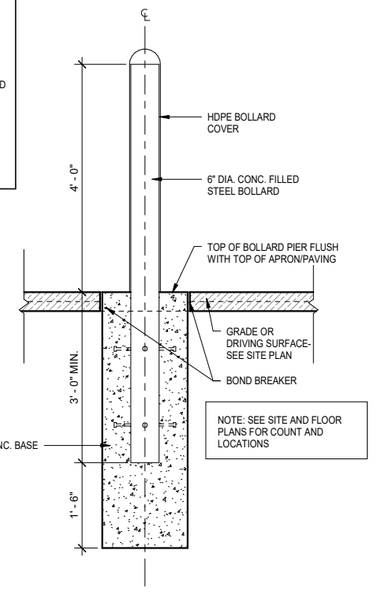
SITE KEYNOTES:

1. COORDINATE WITH CIVIL DRAINGS FOR EXTENT OF UTILITY WORK, NEW SITE CONCRETE AND PAVING, RE-GRADE AS SHOWN ON CIVIL DRAWINGS
2. COORDINATE WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS
3. COORDINATE ALL CONSTRUCTION THAT TAKES PLACE WITH ANY EASEMENTS (GAS, ELECTRIC LINES, ETC.) WITH APPROPRIATE PARTIES PRIOR TO DEMOLITION AND CONSTRUCTION
4. ALL CURB DIMENSIONS ARE TO FACE OF CURB

- AS-1 ASPHALT PAVING - SEE CIVIL
- AS-2 CONCRETE CURB AND GUTTER - SEE CIVIL
- AS-3 ADA CURB CUT WITH TRUNCATED DOME INSERT - SEE CIVIL
- AS-4 CONCRETE SIDEWALK. PROVIDE JOINT APPROXIMATELY 5'-0" O.C. TOOL OR CUT SIDEWALK JOINST TO MATCH PUBLIC WORKS, VERIFY WITH ARCHITECT JOINT PATTERN PRIOR TO SIDEWALK PLACEMENT. COORDINATE ELEVATION WITH CIVIL. SIDEWALK SHOULD MEET DOOR STOOP AT MAIN ENTRY AS TO PROVIDE ACCESSIBLE ROUTE TO BUILDING.
- AS-5 GENERATOR/TRANSFORMER PAD. SEE ELECTRICAL FOR ADDITIONAL INFORMATION. COORDINATE PAD, SIZE, THICKNESS AND DESIGN WITH EQUIPMENT PROVIDER AND INSTALLER
- AS-6 EDGE OF CURB. TIE INTO ANY EXISTING CURB OR TAPER DOWN TO MEET PAVEMENT ELEVATION(S) - SEE CIVIL
- AS-7 TURN DOWN CURB AS NECESSARY AT GATE POSTS
- AS-8 CONCRETE FILLED STEEL PIPE BOLLARDS. (QUANTITY AND LOCATION(S) NOTED ON BUILDING FLOOR PLAN)
- AS-9 7' TALL VINYL COATED CHAIN-LINK FENCING CENTERED IN 2' CONCRETE PAVING MAINTENANCE STRIP. PROVIDE (1) 6'-0" WIDE SWINGING ACCESS GATE WITH THE ABILITY TO BE LOCKED/SECURED AND ACCESSED BY FIRE DEPARTMENT. LOCATION TO BE DETERMINED DURING SHOP DRAWINGS - SEE SITE DETAIL SHEET FOR MORE INFORMATION
- AS-10 PARKING AREA STRIPING
- AS-11 LIGHT POLE AND BASE - SEE ELECTRICAL FOR MORE INFORMATION AND ADDITIONAL LOCATIONS
- AS-12 STORMWATER MANAGMENT AREA - SEE CIVIL
- AS-13 CONCRETE PAVING @ CHEMICAL ROOMS - SEE CIVIL
- AS-14 PROVIDE MOW STRIP WITH ROCK/WOOD MULCH ADJACENT TO THE BUILDING AS SHOWN AND DIMENSIONED - PROVIDE CONTINUOUS HEAVY DUTY METAL EDGING AT NON-CURB CONDITIONS, SEE CIVIL
- AS-15 COMPOSITE DECKING ON POWDER COATED STEEL TUBE SCREEN WALL ASSEMBLY - SEE DRAWINGS ON SHEET A-600
- AS-16 PROOF OF ADDITIONAL PARKING
- AS-17 RIP RAP RESERVOIR ROOF DRRAINAGE AREA - SEE CIVIL
- AS-18 POWERED VERTICAL PIVOT GATE WITH AUTOMATIC OPENER, LOOP DETECTION BY PROVIDER (3 TOTAL PER GATE: 1 EXIT ACCESS, 2 REVERSIBLE SAFETY LOOPS), CARD READER AT PUBLIC SIDE OF GATE. SEE SPECIFICATIONS FOR MORE INFO. COORDINATE WITH OWNER PRIOR TO INSTALLATION FOR LOCATIONS OF ALL EQUIPMENT FEATURES
- AS-19 PROXIMITY READER AND PEDESTAL - SEE ELECTRICAL, COORDINATE WITH SECURITY PROVIDER



2 TYP. BOLLARD DETAIL
SCALE 3/4" = 1'-0"
12" 6" 0 1' 2' 3'



3 TYP. BOLLARD SECTION
SCALE 3/4" = 1'-0"
12" 6" 0 1' 2' 3'

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 ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE:

TYPED NAME: ANDREW N. COOPER
REG. NO. 46485
January 27, 2023

SYM	DATE	DESCRIPTION	APPR
ASI-3	08.13.2024	ASI#3	ANC

OERTEL ARCHITECTS

AES 2

RAMSEY WATER TREATMENT PLANT
CITY OF RAMSEY
RAMSEY, MN
SITE PLAN

DRAWING TYPE: CONST.
PREPARED BY: DCE/DSG
CHECKED / APPROVED: ANC / ANC
DATE: 01/27/2023
PROJECT NUMBER: 21-24
DRAWING: A100

8/13/2024 12:52:53 PM

ATTACHMENT:
CONTRACTOR PROPOSAL 031

MAGNEY CONSTRUCTION
COMMERCIAL & INDUSTRIAL CONTRACTORS
1401 Park Road - Chanhassen, MN 55317
952.474.1674 Office 952.474.1679 Fax
www.magneyconstruction.com

Proposal

SEND TO		
Company name AE2S		From Noah Pundsack
Attention Abigail Bowman		Date 11/8/2024
E-mail Abigail.Bowman@ae2s.com	Phone (763) 463-5036	Magney Proposal # 030 100amp breaker for submittal 128B Mixing pump

☐ **Urgent** ☐ **Please comment** ☒ **Please review** ☐ **For your information**

Total pages, including cover: 4

COMMENTS

Re: Ramsey Water Treatment Plant - Ramsey, MN

Ryan,

Magney Construction, Inc. is pleased to present the following quotation to furnish the necessary labor, material, and equipment to complete the modifications to meet the power draw requirments for the Jet Mixing System in Submittal 128B - 46 43 47. Please see the attached documentation/proposal from Erickson Electric Co., which includes additional information pertaining to their proposed scope of work. The costs associated with this change are summarized below.

Labor:	$	-
Material:	$	-
Equipment:	$	-
Subcontractor: Erickson Electric Company, Inc. (see attached)	$	3,512.61
Subtotal	$	3,512.61
General Contractor's Overhead	$	175.63
Bond & Insurance premiums	$	55.32
Lump Sum Total:	**$**	**3,743.56**

Additional Calendar Days Required for this Change (Including material lead time):	**0.0**

Please review this proposal and feel free to contact me with any questions, comments or concerns.

Thank you,

Noah Pundsack

Noah Pundsack
Project Engineer

Accepted By	*Date*

Erickson Electric Company, Inc.
3308 Southway Drive • Saint Cloud MN 56301-9513
Phone 320.251.1501 • Fax 320.251.1504

RFC PROPOSAL

October 17, 2024

Noah Pundsack
Magney Construction

RE: Mixer Pumps upsizing breakers

The total cost of the electrical for this is: **$3,512.61**

We must also upsize the wire for the feeders to the VFD's. 100amp breakers must have 100amp wire.

Included:

- Provide and install two 100amp breakers for Mixer pumps 1 & 2
- Upsizing the conduit and wire from panel HP-A to the Mixer pump VFD's
- All work is to be done Monday thru Friday 7AM to 3:30PM
- Electrical permit included
- Proposal valid for 30 days

Please feel free to contact me if you have any questions. Thank you for your consideration of this proposal. My cell phone: 320-774-5613

Sincerely,

Kyle Klemek
kylek@ericksonelectricmn.com

Erickson Electric

Material				**Cost**
Material			$	1,994.99
Tax 7.625%			$	152.12
Material MU 10%			$	199.50
Permit			$	-
Labor	**Rate/hr**	**Hours**		
PM/Estimator	$185	1	$	185.00
Wireman	$175	5	$	875.00
Overtime 1-1/2	$263	0	$	-
Overtime double time	$350	0	$	-
Labor MU 10%			$	106.00

Subcontractor

	Mat.	$	-
	labor	$	-
Markup @ 5%		$	-
Subtotal		$	3,512.61
Bond		$	-
Total cost for this change		**$**	**3,512.61**

Item #	Item Name	Quantity	Price	Ext Price	Labor	Labor Ext	CCode	% Ext Price	% Ext Hours
Mixer Pump Upsizing Feeder Breakers				$1,994.99		5.02		**100.00%**	**100.00%**
Branch Rough				($104.28)		(6.57)		**-5.23%**	**-130.73%**
4,513	1 LOCKNUT	**(2.00)**	$157.39 C	($3.15)	14.90 C	(0.30)	cb	**-0.16%**	**-5.93%**
7,861	1 PVC 40	**(90.00)**	$98.66 C	($88.79)	5.96 C	(5.36)	cb	**-4.45%**	**-106.80%**
7,898	1 PVC 40 90 ELBOW	**(2.00)**	$3.65 E	($7.31)	0.15 E	(0.30)	cb	**-0.37%**	**-5.93%**
8,329	1 PVC MALE TERM	**(2.00)**	$152.57 C	($3.05)	15.15 C	(0.30)	cb	**-0.15%**	**-6.03%**
8,355	1 PVC COUPLING	**(2.00)**	$99.12 C	($1.98)	15.15 C	(0.30)	cb	**-0.10%**	**-6.03%**
Feeder Rough				$165.06		8.16		**8.27%**	**162.45%**
4,514	1 1/4 LOCKNUT	2.00	$228.69 C	$4.57	18.82 C	0.38	cf	**0.23%**	**7.49%**
7,862	1 1/4 PVC 40	90.00	**$157.96** C	$142.16	7.45 C	6.71	cf	**7.13%**	**133.50%**
7,899	1 1/4 PVC 40 90 ELBOW	2.00	$5.64 E	$11.28	0.18 E	0.36	cf	**0.57%**	**7.12%**
8,330	1 1/4 PVC MALE TERM	2.00	$202.78 C	$4.06	18.00 C	0.36	cf	**0.20%**	**7.17%**
8,356	1 1/4 PVC COUPLING	2.00	$149.18 C	$2.98	18.00 C	0.36	cf	**0.15%**	**7.17%**
Feeder Wire				$385.63		0.36		**19.33%**	**7.17%**
15	4 THHN CU STRANDED	**(240.00)**	**$1,140.00** M	($273.60)	12.00 M	(2.88)	wf	**-13.71%**	**-57.34%**
16	3 THHN CU STRANDED	240.00	$2,746.77 M	$659.23	13.50 M	3.24	wf	**33.04%**	**64.51%**
Panels/Loadcenters				$1,548.58		3.07		**77.62%**	**61.11%**
19,473	3P 100A BOLT-IN CB	2.00	**$774.29** E	$1,548.58	1.53 E	3.07	sp	**77.62%**	**61.11%**
				$1,994.99		**5.02**		**100%**	**100%**

ATTACHMENT:
CONTRACTOR PROPOSAL 030

MAGNEY CONSTRUCTION
COMMERCIAL & INDUSTRIAL CONTRACTORS
1401 Park Road - Chanhassen, MN 55317
952.474.1674 Office 952.474.1679 Fax
www.magneyconstruction.com

Proposal

SEND TO		
Company name AE2S		*From* Noah Pundsack
Attention Abby Bowman		*Date* 12/16/2024
E-mail Abigail.Bowman@AE2S.com	*Phone* (763) 463-5036	*Magney Proposal No. 031* RFP - 018 - CU 3 Relocation

☐ ***Urgent*** ☐ ***Please comment*** ☒ ***Please review*** ☐ ***For your information***

Total pages, including cover: 7

COMMENTS

Re: Ramsey Water Treatment Plant - Ramsey, MN

Abby,

Magney Construction, Inc. is pleased to present the following quotation to furnish the necessary labor, material, and equipment to complete the requested changes In RFP No. 018 - CU-3 Relocation. To Relocate CU-3 to the lower roof above the chemical rooms. Including rerouting electrical and refrigerant lines, along with building and flashing Cu-3 roof curb. See the costs associated with change are summarized below.

Labor: Core Drill For Refrigerant & Electrical Lines	$	1,067.76
Credit: Labor And Material Credit To Remove Equipment Pad	$	(350.00)
Equipment: Lull To Lift Core Drill And Equipment Onto Roof	$	606.00
Equipment: Misc. Small Tools And Equipment (10% of Labor)	$	106.78
Subcontractor: Major Mechanical Relocate CU-3 (See Attached)	$	9,110.00
Subcontractor: Erickson Electric Reroute Conduit & Wiring (See Attached)	$	7,628.78
Subcontractor: RTL Build Roof Curb For CU-3 (See Attached)	$	983.41
Subcontractor: Central Roofing Flash Roof Curb (See Attached)	$	975.00
Subtotal	$	20,127.73
General Contractor's Overhead	$	1,149.44
Bond & Insurance premiums	$	319.16
Lump Sum Total:	**$**	**21,596.32**

Additional Calendar Days Required for this Change (Including material lead time)**:**

Please review this proposal and feel free to contact me with any questions, comments or concerns.

Thank you,

Noah Pundsack

Noah Pundsack
Project Engineer

Accepted By *Date*

7601 Northland Drive North • Brooklyn Park, MN 55428 • Ph: (763) 424-6680 • www.majormech.com

November 27, 2024

Magney Construction
1401 Park Road
Chanhassen, MN 55317
Attn: Noah Pundsack

RE: Ramsey Water Treatment Plant
Ramsey, Minnesota
PR-002 – Air Exchange Modifications

Noah,

Added cost to relocate condensing unit to roof per PR-018.

Major Mechanical		
Material and Refrigerant		$ 2,575.00
Taxes		$ 215.79
Sub-Total		$ 2,790.79
Labor 28 hours x $105.00=		$ 2,940.00
Sub-Total		$ 5,730.79
Mark-Up (15%)		$ 859.62
Major Mechanical Total		**$ 6,590.41**
Sub-Contractors		
Crane	$ 2,400.00	
Mark-Up (5%)	$ 120.00	
Sub-Contractor Total	$ 2,520.00	
Major Mechanical Total	$ 6,590.41	
Total Add PR-002	**$ 9,110.00**	

PR-018 Notes:

- We do not include roof sleepers for condensing unit.

If you have any questions or would like to discuss the scope or pricing, please feel free to contact me at 763-296-5649 office or 763-331-4735 mobile.

Thank You,

Jay Johnson
Project Manager
Major Mechanical

Ramsey WTP Request for Change
6900 143rd Ave NW
Ramsey, MN 55303

To: Magney Construction

RFC Number: RFP #018

Original Contract :	$526,420.00	Other Approved Change Orders:	$13,601.31
Total Contract to Date:	$540,021.31	Other Pending Requests:	$0.00
This Request:	**$983.41**	RTL Job **#** 23-217	Date:12/4/2024

COST SUMMARY

Description of Change: Build and install a roof curb for the relocated Condensing Unit CU-3.

		Cost	Notes/Attachments
Labor	$	800.00	
Material	$	94.01	
Total Cost	$	894.01	
Overhead and Profit	$	89.40	10%
Self-Performed Total		**$983.41**	
Total Change in Contract		**$983.41**	

Detail Breakdown Below:

Labor	Hours	Rate	Total
LABOR	8	$100.00	$800.00
Labor Total	8		$800.00

Material	Total
Material Total	$94.01

The above work is subject to the same conditions as specified in the original contract unless otherwise stipulated. Upon approval the sum of $983.41 will be added to the contract price.

Authorized Signature: _____ Date: _____

Magney Construction

CENTRAL ROOFING COMPANY
- Since 1929 -

4550 Main Street NE, Minneapolis, MN 55421 * (763)572-0660, Fax (763)572-0230

Change Order Request

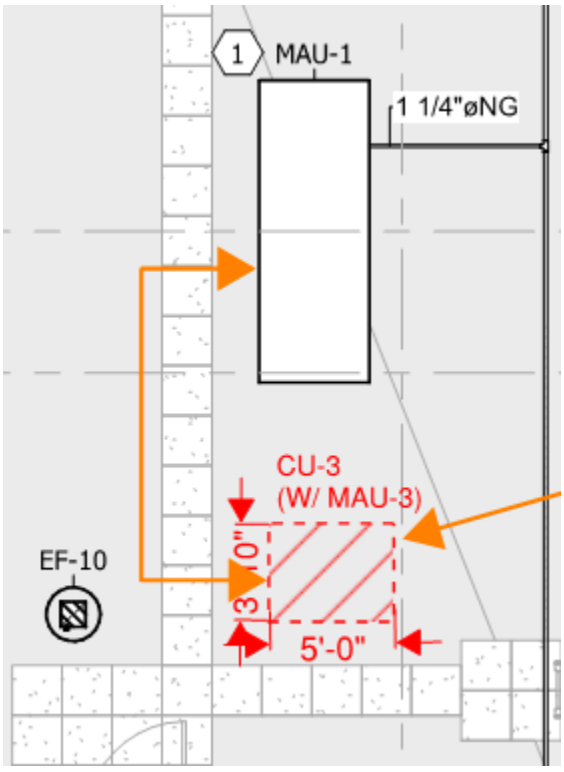
Magney Construction
1401 Park Road
Chanhassen, MN
Attn: Noah Pundsack

RE: Ramsey Water Treatment Plant

This change order request is in regards to the following item:

Flash condensing unit (CU-3) curb.

Change Order Total: **$975.00 (material-$400.00, labor-$575.00)**



Should you require any additional information please feel free to contact us at your earliest convenience.

Thanks,

Jeremy Stuhr

Erickson Electric Company, Inc.
3308 Southway Drive • Saint Cloud MN 56301-9513
Phone 320.251.1501 • Fax 320.251.1504

PROPOSAL

December 3, 2024

Noah Pundsack
Magney Construction

RE: RFP 018

The total cost of the electrical for this RFP 018 is: **$7,628.78**

Included:

- All material and labor to complete this RFP.
- All work to be done Monday thru Friday 7AM to 3:30PM
- Electrical permit included
- Proposal valid for 30 days

Please feel free to contact me if you have any questions. Thank you for your consideration of this proposal. My cell phone: 320-774-5613

Sincerely,

Kyle Klemek
kylek@ericksonelectricmn.com

Erickson Electric

Material				**Cost**
Material			$	1,403.00
Tax 7.625%			$	106.98
Material MU 10%			$	140.30
Permit			$	-
Labor	**Rate/hr**	**Hours**		
PM/Estimator	$185	1	$	185.00
Wireman	$175	30	$	5,250.00
Overtime 1-1/2	$263	0	$	-
Overtime double time	$350	0	$	-
Labor MU 10%			$	543.50

Subcontractor

	Mat.	$	-
	labor	$	-
Markup @ 5%		$	-
Subtotal		$	7,628.78
Bond		$	-
Total cost for this change		**$**	**7,628.78**

Item #	RFP - 018 Backup	Quantity	Price		Ext Price	Labor		Labor Ext	CCode	% Ext Price	% Ext Hours
					$1402.87			31.03		**100.00%**	**100.00%**
Branch Rough					$1132.09			20.06		**80.70%**	**64.65%**
2,019.00	3/4 GRC	231.01	$479.04	C	$1106.64	7.50	C	17.33	cb	**78.88%**	**55.83%**
4,512.00	3/4 LOCKNUT	8.00	$64.62	C	$5.17	0.14	E	1.12	cb	**0.37%**	**3.61%**
4,582.00	3/4 BUSH PLASTIC	4.00	$76.09	C	$3.04	0.00	E	0.00	cb	**0.22%**	**0.00%**
5,218.00	3/4 GRC 2H STL STP	28.88	$59.72	C	$17.24	5.60	C	1.62	cb	**1.23%**	**5.21%**
Branch Wire					$188.77			6.13		**13.46%**	**19.75%**
10.00	14 THHN CU STRANDED	321.48	$157.14	M	$50.52	6.20	M	1.99	wb	**3.60%**	**6.42%**
11.00	12 THHN CU STRANDED	551.41	$250.72	M	$138.25	7.50	M	4.14	wb	**9.85%**	**13.33%**
Hangers/Anchors					$82.01			4.84		**5.85%**	**15.60%**
5,762.00	10 X 1-1/2 COMB PAN HD TAP SCR	57.75	$4.50	C	$2.60	7.50	C	4.33	ch	**0.19%**	**13.96%**
5,824.00	1/4 FLAT STEEL WASHER	57.75	$137.50	C	$79.41	0.88	C	0.51	ch	**5.66%**	**1.64%**
					$1402.87			**$31.03**		**100.00%**	**100.00%**

ATTACHMENT:
ENGINEER RFP 018

Request For Proposal No. 018

Date of Issuance: 11/7/2024

Project Manager: Aaron Vollmer, P.E.
AE2S
Water Tower Place Ste 184
6901 E. Fish Lake Road
Maple Grove, MN 55369

Contractor: Magney Construction Inc.

Project: Ramsey Water Treatment Plant

Owner: City of Ramsey, Minnesota

Re: CU-3 Relocation

Please submit a cost proposal for changes to the Contract Documents for the following proposed modifications. THIS IS NOT A WORK CHANGE DIRECTIVE, CHANGE ORDER, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

Description:

AE2S requests pricing from Magney for the re-location of condensing unit CU-3. The manufacturer-provided plate settler cover and radon vent were removed from the design. Due to this the CU-3 unit needs to be increased in size to handle the additional load and the new unit will create more heat. Due to these issues, the CU-3 unit needs to be moved outdoors. It was determined to locate the unit on the lower roof above the chemical rooms.

Please provide pricing for the following:

1. Revise CU-3 location outside on roof. See marked up mechanical roof plan on Page 2 of reviewed condensing unit submittal #067A. Verify exact location prior to installation. Maintain all required service clearances to unit and adjacent equipment on roof.
2. Coordinate unit interface with equipment curb/rails and flashing with the roofing contractor. Refer to architectural details.
3. Provide vibration isolation in accordance with Section 23 05 48.
4. Revise refrigerant piping route and control wiring connections between MAU-3 DX coil and CU-3 through plate settler corridor. Verify line set sizes and elevations with manufacturer requirements.
5. Delete concrete pad below CU-3 in previous location.

6. Electrical contractor to upsize circuit breaker for CU-3 unit in panel HP-B to 25A/3P and to provide 0.75”C - 3#10, 1#10G wires from the panel HP-B to the CU-3 unit and 0.75”C – 4#14, 1#14G wires between MAU-3 control panel and CU-3 unit. Contractor to confirm that CU-3 factory disconnect is outdoor rated (NEMA 3R).

See submittal response 067A attached.

DESIGN TREE
engineering + land surveying

SHOP DRAWING REVIEW FORM

Project: Ramsey Water Treatment Plant
Project Location: Ramsey, MN
Owner: City of Ramsey
Submitting Contractor: Magney Construction
Submittal Description: 23 81 23 - Split-System Air-Conditioners

OERTEL ARCHITECTS

- ☑ **NO EXCEPTION**
- ☐ **MAKE CORRECTIONS NOTED**
- ☐ **REVISE AND RESUBMIT**
- ☐ **REJECTED**
- ☐ **REVIEWED FOR ARCHITECTURAL CONTENT ONLY**

REVIEW IS FOR GENERAL CONFORMANCE WITH THE DOCUMENTS & DESIGN INTENT. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS & FIELD CONDITIONS AT JOB SITE.

BY Dan Greuel **DATE** 10/21/2024

- ☐ No Exceptions Noted
- ☒ Exceptions Noted (resubmittal not required)
- ☐ Revise & Resubmit
- ☐ Rejected
- ☐ Contractor Stamp of Approval Required Prior to Review
- ☐ Not Required – Not Reviewed

Shop Drawing review does not relieve contractor from compliance with requirements of the contract documents. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. Contractor is responsible for determining the accuracy and completeness of all details such as, but not limited to, dimensions, quantities, substantiating instructions for installation, performance of equipment or systems, providing equipment and work which meets the requirements of governing codes, coordinating work with all trades, and performing work in a safe and satisfactory manner.

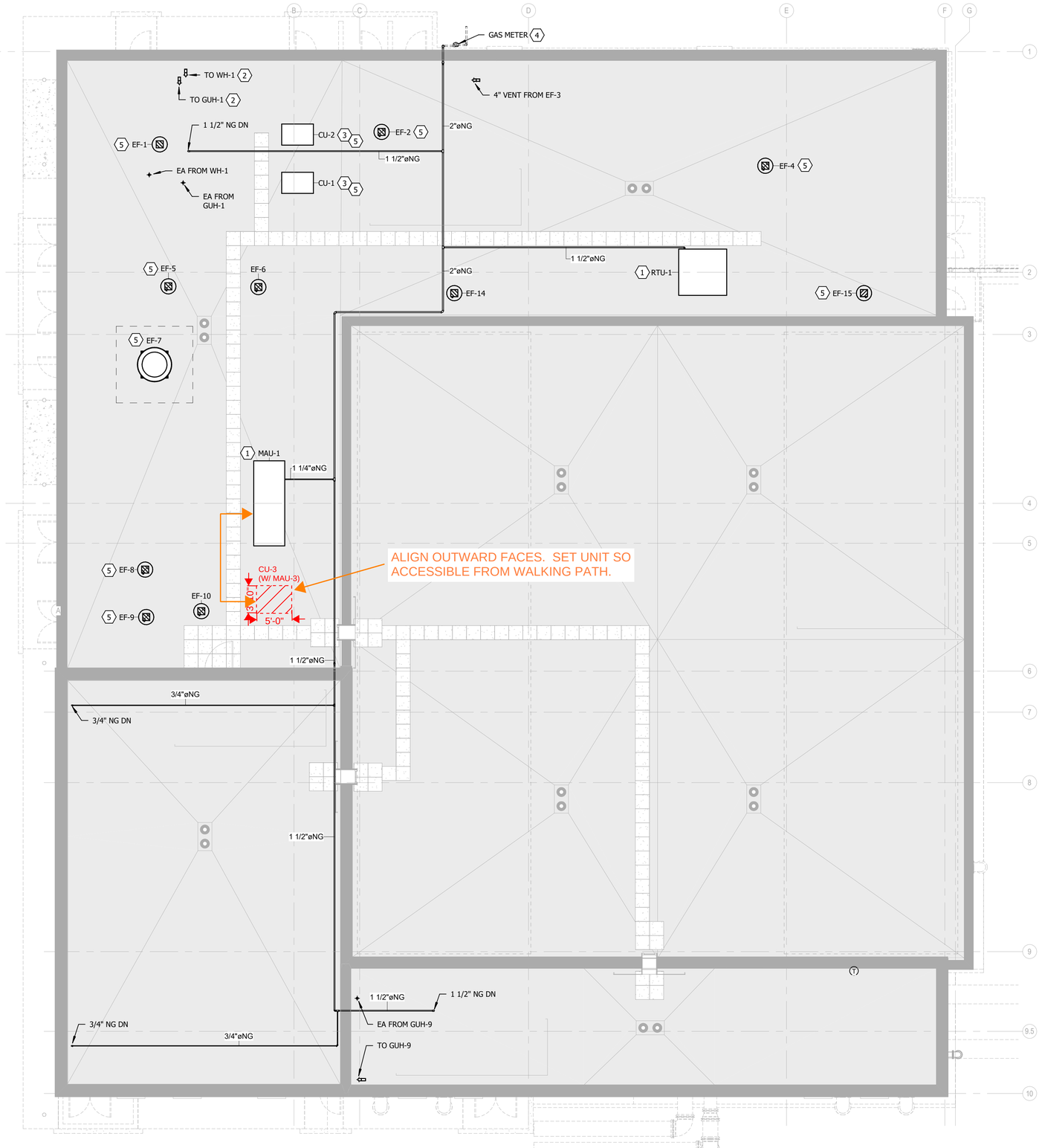
Ryan Carter	10/18/2024
Reviewed By	Date:

REVIEWER COMMENTS:

1. Unit is intended for operation with indoor MAU-3 for plate settler area cooling and dehumidification.
2. Closely coordinate updated location of condensing unit CU-3 to low roof with all trades. See marked up mechanical roof plan on Page 2 of submittal. Verify exact location prior to installation. Maintain all required service clearances to unit and adjacent equipment on roof.
3. Coordinate unit curb/rails and flashing with roofing contractor. Refer to architectural details.
4. Provide 25A circuit breaker, 3#10, 1#10G wire, and confirm factory disconnect is rated for outdoor use (NEMA 3R).
5. Coordinate all electrical connections, disconnects, and wiring to equipment with the electrical contractor. Refer to manufacturer's written instructions.
6. Verify refrigerant piping installation, connections to equipment and all components are provided in accordance with manufacturer's requirements. Refer to pipe roof penetration detail. Verify with manufacturer requirements for line set sizes, max lengths and elevations.
7. Provide vibration isolation for roof mounted equipment per specifications.

PROVIDE ITEMIZED COST BREAKDOWN PRICING REQUEST FOR CHANGES AND ALTERATIONS NECESSARY TO COMPLETE WORK

Layout: 22x34
BIM 360://05434-2020-002 Ramsey Water Treatment Plant/Ramsey WTP_M_V20.rvt



KEYNOTES

1. MAINTAIN MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES.
2. SIZE VENT PER MANUFACTURER'S INSTRUCTIONS VENT SHALL TERMINATE NO LESS THAN 3 FEET ABOVE ROOF.
3. ROUTE LIQUID AND SUCTION REFRIGERANT LINES FROM CONDENSING UNITS TO CORRESPONDING COOLING UNIT PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
4. UTILITY COMPANY TO PROVIDE METER. COORDINATE WITH UTILITY COMPANY FOR GAS PIPING CONNECTIONS. NEW GAS METER SHALL ACCOMMODATE SCHEDULED GAS REQUIREMENTS.
5. EF/RTU/CU TO BE NO LESS THAN 10 FEET FROM EDGE OF ROOF.

N 1 MECHANICAL ROOF PLAN
0 4 8 16

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.

SIGNATURE: Paul E. Quirin
TYPED NAME: PAUL E. QUIRIN
REG. NO. 26118
JANUARY 27, 2023

SYM	DATE	DESCRIPTION	APPR

DESIGN TREE
engineering + land surveying
St. Cloud | Alexandria | Rogers
320-217-5557

AE2S

RAMSEY WATER TREATMENT PLANT
CITY OF RAMSEY
RAMSEY, MINNESOTA
MECHANICAL ROOF PLAN

DRAWING TYPE: CONST.
PREPARED BY: RPC
CHECKED / APPROVED: PEQ / PEQ
DATE: JAN. 2023
PROJECT NUMBER: 05434-2020-002
DRAWING: M142

8/11/2023 3:20:28 PM

MAGNEY CONSTRUCTION
COMMERCIAL & INDUSTRIAL CONTRACTORS
www.magneyconstruction.com
1401 Park Road - Chanhassen, MN 55317
952.474.1674 Office 952.474.1679 Fax

LETTER OF TRANSMITTAL

TO:	AE2S Water Tower Business Center - 6901 E Fish Lake Road ~ Suite 184, Maple Grove, MN 55369	**DATE:** October 10, 2024
ATTN: Aaron Vollmer/Ryan Hanson	**PHONE:** 763-463-5036	**FAX:** 763-463-5037
PROJECT: Water Treatment Plant	**PROJECT NUMBER:** 599	
JOB LOCATION: Ramsey, MN		

	WE ARE SENDING:		SUBMITTED FOR:		ACTION TAKEN:
X	SUBMITTAL	X	APPROVAL		REVIEWED AS SUBMITTED
	LETTER		YOUR USE		APPROVED AS NOTED
	PRINTS		AS REQUESTED		RESUBMIT
	CHANGE REQUEST	X	REVIEW AND COMMENT		SUBMIT
	PLANS		OTHER:		RETURNED
	SAMPLES				RETURNED FOR
	SPECIFICATIONS				OTHER:
	OTHER:				
	HARD COPIES				
X	ELECTRONIC COPY				

NO. OF COPIES: 1

SUBMITTAL NUMBER: 067A

DESCRIPTION: Re-Submittal for Split System Air Conditioners (Remote Condensing Units)

SPEC SECTION: 23 81 23

COMMENTS:

FROM: Sue Mason	**TITLE:** Office Assistant
EMAIL: sue@magneyconstruction.com	**PHONE:** (952) 474-1674 Ext. 308

MAGNEY CONSTRUCTION
COMMERCIAL & INDUSTRIAL CONTRACTORS
1401 Park Road - Chanhassen, MN 55317
952.474.1674 Office 952.474.1679 Fax
www.magneyconstruction.com

Ramsey Water Treatment Plant
City of Ramsey, MN

Resubmittal Cover Sheet

Subcontractor/Vendor: Major Mechanical

Specification Section: 23 81 23

Specification Description: Split-System Air-Conditioners (Remote Condensing Units)

Comments: Remote Condensing Unit MAU-3 Resubmittal With Revised Capacity.

Shop Drawing Transmittal

[ ] **Approved** [ ] **Revise & Re-submit**

[X] **Reviewed** [ ] **Rejected**

THIS DOCUMENT HAS BEEN REVIEWED BY MAGNEY CONSTRUCTION, INC. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. SUBCONTRACTOR/SUPPLIER IS RESPONSIBLE FOR ALL DIMENSIONS.

BY: NP Date: 10/10/2024 TRANS # 067A

MAJOR MECHANICAL

7601 Northland Drive North • Brooklyn Park, MN 55428 • Ph: 763-424-6680 • Fax: 763-425-2301

RE-SUBMITTAL

Date: 10/10/2024 **Project:** RAMSEY WATER TREATMENT PLANT

General Contractor: MAGNEY CONSTRUCTION **Engineer:** DESIGN TREE

SPEC #	TITLE/EQUIPMENT	ADDITIONAL REMARKS
PLAN SCHEDULE	REMOTE CONDENSING UNIT	SERVES MAU-3
		REVISED CAPACITY PER PR-01

Vendor: TMS JOHNSON **Manufacturer:** CARRIER

Submitted by: JAY JOHNSON

ARCHITECT	GENERAL CONTRACTOR

ENGINEER

COMMENTS

SUBMITTAL

Project

Ramsey WTP

Date

Wednesday, July 12, 2023

Tim May
TMS Johnson

Table Of Contents

Project: Ramsey WTP 10/10/2024
Prepared By: Tim May 09:24AM

CU-3 **3**
Unit Report 4
Performance Summary 5
Acoustic Summary 8
Certified Drawing 9
Guide Specifications 11
Unit Feature Sheet 14

CU-3

Submittal Cover Sheet
Unit Report
Performance Summary Report
Acoustic Summary
Certified Drawings
Guide Specifications
Feature Sheet

Unit Report For CU-3

Project: Ramsey WTP
Prepared By: Tim May

10/10/2024
09:24AM

Outdoor Unit Parameters

Unit Quantity:	**1**	
Unit Model:	**38AUD**	
Unit Size:	**12.5 Tons**	
Voltage:	**460-3-60**	V-Ph-Hz
Condenser Coil:	**Al/Cu**	
No. of Stages:	**Three Stage**	

System Parameter

System Quantity:	**1**
Refrigerant Type:	**PURON**
Compressor Quantity:	**2**
Compressor Type:	**Scroll**
Std. Capacity Steps:	**33,83, 100**
No. of Outdoor fans:	**2**

Outdoor Unit Dimensions and Weight

Unit Length:	**4' 11.4"**	
Unit Width:	**3' 9.9"**	
Unit Height:	**4' 2.4"**	
Unit Weight:	**571**	lb

Warranty Information Outdoor (Note: for US & Canada only) **(Net Price Ea.)**

First Year - Parts Only (Standard) $0

NOTE: Please see Warranty Catalog 808-218 for explanation of policies and ordering methods.

Ordering Information

Part Number	Description	Quantity	Unit Master Price
Base Unit - Outdoor			
38AUDT14A0A6-0A1C0		1	$17,398
	Base Unit		$16,082
	Al/Cu Condensing Coil	1	$0
	Dual Circuit Three Cooling Stages Refrigerant Options	1	$0
	Service Options - Un-Powered Convenience Outlet	1	$409
	Electrical Options - Non-Fused Disconnect	1	$907
	Packaging Options - Standard	1	$0
	Standard Electrical Mechanical Controls	1	$0
	Refrig Circ/Compressor Staging - Dual Circuits/ Three Stage	1	$0

The 38AUZ/AUD are furnished with filter drier which is factory provided (field installed). Additional filter driers can be purchased separately through RCD (Replacement Components Division). See the Product Library for Replacement Filter Drier Information for more information.

Performance Summary For CU-3

Project: Ramsey WTP
Prepared By: Tim May

10/10/2024
09:24AM

System:	**38AUD_014**	
No. of Circuits:	**Dual Circuit**	
System Quantity:	**1**	
Altitude:	**0.0**	ft
EER @ ARI Conditions:	**11.0**	
IEER:	**13.6**	
Suction Line Loss:	**1.4**	°F

Typical Liquid and Suction Line Sizing

Pipe Length	Liquid Line Size	Suction Line Size
0 - 25	3/8	7/8
26 - 50	3/8	7/8
51 - 75	3/8	1 1/8
76 - 100	1/2	1 1/8
101 - 125	1/2	1 1/8
126 - 150	1/2	1 1/8
151 - 175	5/8	1 1/8
176 - 200	5/8	1 1/8

Refer to the 38AU installation instructions for installation specific line sizing guidance

Outdoor Unit Parameters

Unit Quantity:	**1**	
PartNumber:	**38AUDT14A0A6-0A1C0**	
Unit Model:	**38AUD**	
Unit Size:	**12.5 Tons**	
Condenser Coil:	**Al/Cu**	
Voltage:	**460-3-60**	V-Ph-Hz
Total Clg Cap.(Gross):	**145.7**	MBH
SDT:	**117.1**	°F
Clg Ent Air DB:	**91.0**	°F
Saturated Suction Temp:	**48.0**	°F

Outdoor Electrical Data

Unit Voltage:	**460-3-60**	V-Ph-Hz
Unit MCA:	**21.0**	Amps
Unit MOCP:	**25.0**	Amps
Total Compressor Power of Unit:	**10.00**	kW
Voltage Range Min:	**414**	V
Voltage Range Max:	**506**	V
Compressor RLA:	**8.4/8.2**	
Compressor LRA:	**66/66**	
Compressor Quantity:	**2**	
Fan Motors Qty:	**2**	
Fan Motor FLA:	**0.8**	Amps

Notice: Outdoor unit elect. data is based on 460-3-60
Control Panel SCCR: 5kA RMS at Rated Symmetrical Voltage

Control Panel SCCR: 5kA RMS at Rated Symmetrical Voltage

Acoustics

Sound Power Levels, db re 10E-12 Watts

A-Weighted	Outdoor Unit (dB)	Indoor Unit (dB,Ducted)
Total Level	83.4	NA
63Hz	38.6	NA
125Hz	52.8	NA

250Hz	62.8	NA
500Hz	79.6	NA
1000Hz	79.0	NA
2000Hz	75.4	NA
4000Hz	70.0	NA
8000Hz	60.8	NA
Sound Message	Sound for AUD_14	

Acoustic Notes:

1. 38AUZ/D/Q units sound ratings are in accordance with AHRI 270-2008 - Sound Rating of Outdoor Unitary Equipment.
2. The acoustic center of the unit is located at the geometric center of the unit.

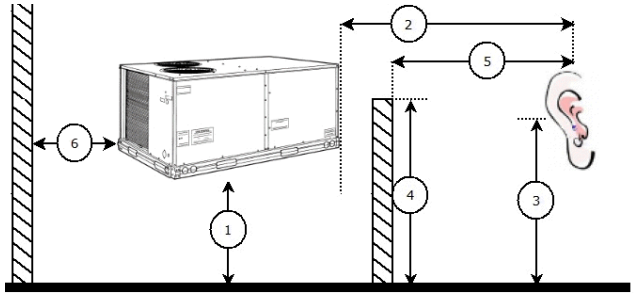
Performance Summary For CU-3

Project: Ramsey WTP
Prepared By: Tim May

10/10/2024
09:24AM

Advanced Acoustics Parameters

1. Unit height above ground: **1.0** ft
2. Horizontal distance from unit to receiver: **20.0** ft
3. Receiver height above ground: **5.7** ft
4. Height of obstruction: **0.0** ft
5. Horizontal dist. from obstruction to receiver: **0.0** ft
6. Horizontal dist. from unit to obstruction: **0.0** ft



Detailed Acoustics Information

Octave Band Center Frequency, Hz	31	63	125	250	500	1k	2k	4k	8k	Overall
Sound Power Levels at Unit's Acoustic Center (Lw), dB	85	65	69	71	83	79	74	69	62	88
A-Wgted Sound Power Levels at Unit's Acoustic Center (LwA), dBA	46	39	53	63	80	79	75	70	61	83
Sound Press. Levels at Dist. Specified above (Lp), dB	61	40	45	47	58	55	50	45	38	64
A-Wgted Sound Press. Levels at Dist. Specified above (LpA), dBA	21	14	28	38	55	55	51	46	36	59

Calculation methods used in this program are patterned after the ASHRAE Guide; other ASHRAE Publications and the AHRI Acoustical Standards. While a very significant effort has been made to insure the technical accuracy of this program, it is assumed that the user is knowledgeable in the art of system sound estimation and is aware of the tolerances involved in real world acoustical estimation. This program makes certain assumptions as to the dominant sound sources and sound paths which may not always be appropriate to the real system being estimated. Because of this, no assurances can be offered that this software will always generate an accurate sound prediction from user supplied input data. If in doubt about the estimation of expected sound levels in a space, an Acoustical Engineer or a person with sound prediction expertise should be consulted.

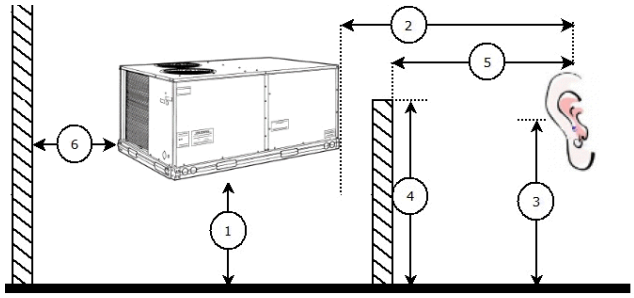
Acoustic Summary For CU-3

Project: Ramsey WTP
Prepared By: Tim May

10/10/2024
09:24AM

Outdoor Unit Parameters:

Tag Name: **CU-3**
Unit Model: **38AUD**
Unit Size: **12.5 Tons**
System Type: **Dx Cooling Only**
Refrigerant Type: **PURON**
Compressor Quantity: **2**
Compressor Type: **Scroll**



Advanced Accoustics Parameters

1. Unit height above ground: **1.0** ft
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3. Receiver height above ground: **5.7** ft
4. Height of obstruction: **0.0** ft
5. Horizontal distance from obstruction to receiver: **0.0** ft
6. Horizontal distance from unit to obstruction: **0.0** ft

Detailed Acoustics Information

Octave Band Center Frequency, Hz	31	63	125	250	500	1k	2k	4k	8k	Overall
Sound Power Levels at Unit's Acoustic Center (Lw), dB	85	65	69	71	83	79	74	69	62	88
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A-Wgted Sound Press. Levels at Dist. Specified above (LpA), dBA	21	14	28	38	55	55	51	46	36	59

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Acoustic Note:

1. 38AUZ/D/Q units sound ratings are in accordance with AHRI 270-2008 - Sound Rating of Outdoor Unitary Equipment.
2. The acoustic center of the unit is located at the geometric center of the unit.
3. All estimated sound power levels, dB re 1 Picowatt should not be guaranteed or certified as being the actual sound power levels.

Acoustic Note:

1. Estimated Sound Power levels - dB re: 1 picowatt
2. Estimated Sound Pressure levels - dB re: 20 micropascal
3. Estimated sound levels given above are assumed to originate at the acoustic center of the unit. The acoustic center of the unit is located at the projection of the condensing unit's geometric center of its base.

4. Sound power levels shown above were determined in accordance with ARI standard 370 for large outdoor refrigeration and air conditioning equipment.

5. Calculation methods used in this program are patterned after the ASHRAE Guide; other ASHRAE Publications and the ARI Acoustical Standards. While a very significant effort has been made to insure the technical accuracy of this program, it is assumed that the user is knowledgeable in the art of system sound estimation and is aware of the tolerances involved in real world acoustical estimation. This program makes certain assumptions as to the dominant sound sources and sound paths which may not always be appropriate to the real system being estimated. Because of this, no assurances can be offered that this software will always generate an accurate sound prediction from user supplied input data. If in doubt about the estimation of expected sound levels in a space, an Acoustical Engineer or a person with sound prediction expertise should be consulted.

Carrier

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UNIT	ELECTRICAL CHARACTERISTICS	STD. UNIT WT.		CORNER A		CORNER B		CORNER C		CORNER D		CENTER OF GRAVITY			UNIT HEIGHT
		LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z	H
38AUZ-07 (RTPF)	208/230-3-60,460-3-60,575-3-60	389	176	141	64	96	44	62	28	91	41	18 [457.2]	24 [609.6]	21 [533.4]	42-3/8 [1076.0]
38AUZ(A,B)08 (RTPF)	208/230-3-60,460-3-60,575-3-60	391	177	142	64	96	44	62	28	91	41	18 [457.2]	24 [609.6]	21 [533.4]	42-3/8 [1076.0]
38AUZ(D,E)08 (RTPF)	208/230-3-60,460-3-60,575-3-60	430	195	142	64	96	44	76	34	111	50	18 [457.2]	24 [609.6]	21 [533.4]	42-3/8 [1076.0]
38AUZ-12 (RTPF)	208/230-3-60,460-3-60,575-3-60	490	222	177	80	120	54	78	35	114	52	18 [457.2]	24 [609.6]	24 [609.6]	50-3/8 [1279.2]
38AUZ-14 (RTPF)	208/230-3-60,460-3-60,575-3-60	598	271	195	88	142	64	110	50	151	68	20 [508.0]	25 [635.0]	24 [609.6]	50-3/8 [1279.2]
38AUD-12 (RTPF)	208/230-3-60,460-3-60,575-3-60	516	234	185	84	117	53	83	38	131	59	19 [482.6]	23 [584.2]	24 [609.6]	50-3/8 [1279.2]
38AUD-14 (RTPF)	208/230-3-60,460-3-60,575-3-60	654	297	214	97	155	70	120	54	165	75	20 [508.0]	25 [635.0]	24 [609.6]	50-3/8 [1279.2]
38AUQ-07	208/230-3-60,460-3-60,575-3-60	444	201	134	61	97	44	90	41	123	56	22 [558.8]	25 [635.0]	13 [330.2]	42-3/8 [1076.0]
38AUQ(A,B)08	208/230-3-60,460-3-60,575-3-60	483	219	162	74	110	50	85	39	125	57	20 [508.0]	24 [609.6]	21 [533.4]	42-3/8 [1076.0]
38AUQ(D,E)08	208/230-3-60,460-3-60,575-3-60	523	237	174	79	118	54	96	44	135	61	21 [533.4]	24 [609.6]	23 [584.2]	50-3/8 [1279.2]
38AUQ-12	208/230-3-60,460-3-60,575-3-60	575	261	186	84	126	57	106	48	157	71	21 [533.4]	24 [609.6]	23 [584.2]	50-3/8 [1279.2]

NOTES:

1. MINIMUM CLEARANCE (LOCAL CODES OR JURISDICTION MAY PREVAIL):
   A. BOTTOM TO COMBUSTIBLE SURFACES: 0 INCHES.
   B. OUTDOOR COIL, FOR PROPER AIR FLOW: 36 INCHES ONE SIDE, 12 INCHES THE OTHER. THE SIDE GETTING THE GREATER CLEARANCE IS OPTIONAL. STANDARD CLEARANCES ON REMAINING TWO SIDES.
   C. OVERHEAD: 60 INCHES, TO ASSURE PROPER OUTDOOR FAN OPERATION.
   D. BETWEEN UNITS: CONTROL BOX SIDE, 42 INCHES PER NEC.
   E. BETWEEN UNIT AND UNGROUNDED SURFACES: CONTROL BOX SIDE, 36 INCHES PER NEC.
   F. BETWEEN UNIT AND BLOCK OR CONCRETE WALLS AND OTHER GROUNDED SURFACES: CONTROL BOX SIDE, 42 INCHES PER NEC.
2. WITH EXCEPTION OF THE CLEARANCE FOR THE OUTDOOR COIL AS STATED IN NOTE 1B, A REMOVABLE FENCE OR BARRICADE REQUIRES NO CLEARANCE.
3. UNITS MAY BE INSTALLED ON COMBUSTIBLE FLOORS MADE FROM WOOD OR CLASS A, B OR C ROOF COVERING MATERIAL.

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES	CONDENSING UNIT		REV
U.S. ECCN:NSR	1 OF 2	06/29/21	05/08/19	38AUZ/ 38AUD/ 38AUQ-07/08/12/14	38AU500349	J

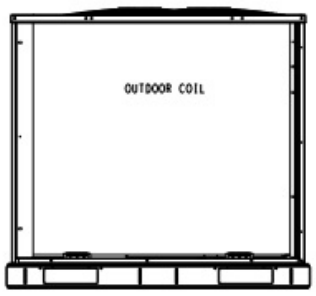
Carrier | THIS DOCUMENT IS THE PROPERTY OF CARRIER CORPORATION AND IS DELIVERED UPON THE EXPRESS CONDITION THAT THE CONTENTS WILL NOT BE DISCLOSED OR USED WITHOUT CARRIER CORPORATION'S WRITTEN CONSENT. | SUBMISSION OF THESE DRAWINGS OR DOCUMENTS DOES NOT CONSTITUTE PART PERFORMANCE OR ACCEPTANCE OF CONTRACT.

CG CENTER OF GRAVITY

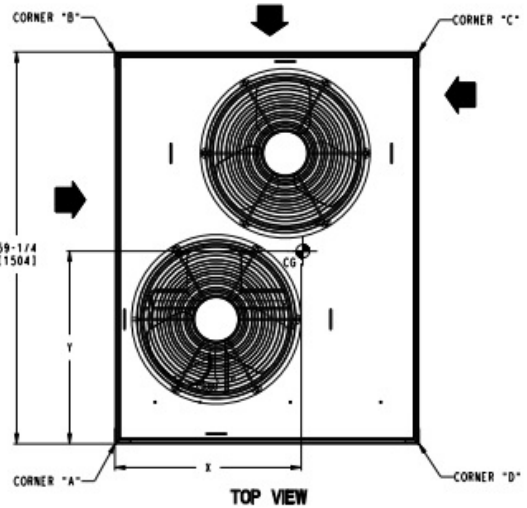
DIRECTION OF AIR FLOW

DIMENSIONS IN [ ] ARE IN MM

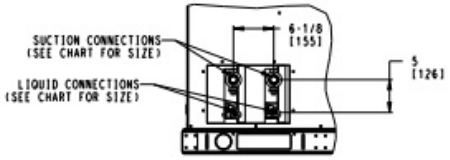
SERVICE VALVE CONNECTIONS			QTY
UNIT	SUCTION	LIQUID	
38AUZ07	1-1/8 [28.6]	3/8 [9.5]	1
38AUZ08	1-1/8 [28.6]	1/2 [12.7]	1
38AUZ12	1-3/8 [34.9]	1/2 [12.7]	1
38AUZ14	1-3/8 [34.9]	5/8 [15.9]	1
38AUD12	1-1/8 [28.6]	3/8 [9.5]	2
38AUD14	1-3/8 [34.9]	1/2 [12.7]	2
38AUQ07	1-1/8 [28.6]	3/8 [9.5]	1
38AUQ08	1-1/8 [28.6]	1/2 [12.7]	1
38AUQ12	1-3/8 [34.9]	1/2 [12.7]	1



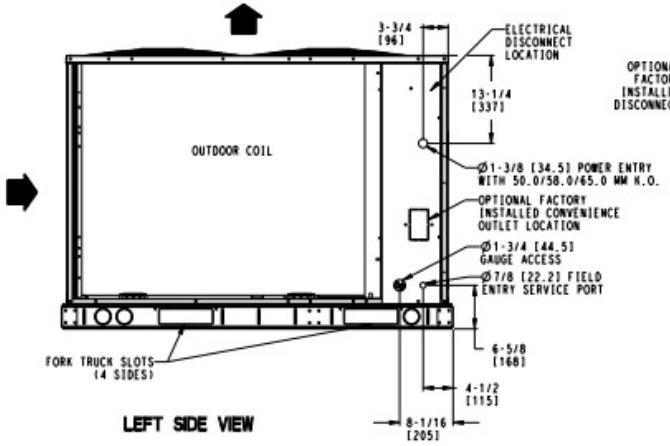
REAR VIEW



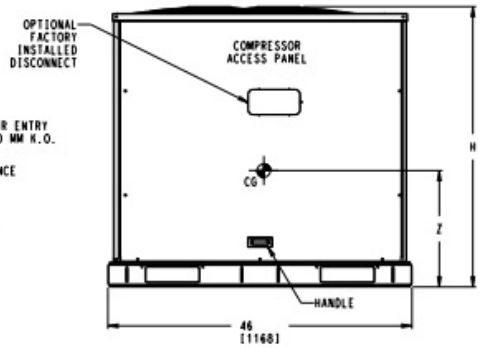
TOP VIEW



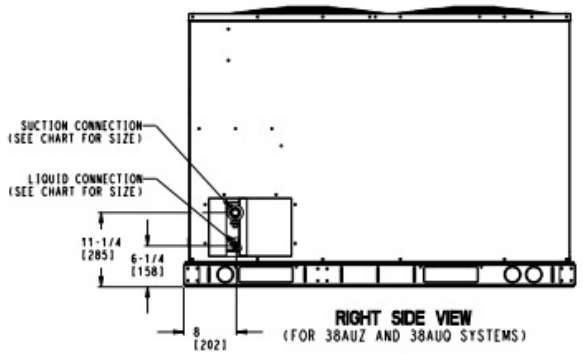
RIGHT SIDE VIEW
(FOR 38AUD SYSTEMS)



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW
(FOR 38AUZ AND 38AUQ SYSTEMS)

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES	CONDENSING UNIT		REV
U.S. ECCN:NSR	2 OF 2	06/29/21	05/08/19	38AUZ/ 38AUD/ 38AUQ-07/08/12/14	38AU500349	J

GUIDE SPECIFICATIONS – 38AUDT14A0A6-0A1C0

Commercial Air-Cooled Condensing Units
HVAC Guide Specifications

Size: 14

Part 1: General

SYSTEM DESCRIPTION

1.01. Outdoor-mounted, air-cooled condensing unit suitable for on-the-ground or rooftop installation. Unit shall consist of a hermetic scroll air-conditioning compressor(s) assembly, an air-cooled coil, propeller-type condenser fans, and a control box. Unit shall discharge supply air upward as shown on contract drawings. Unit shall be used in a refrigeration circuit matched with a packaged air-handling unit.

QUALITY ASSURANCE

1.01. Unit shall be rated in accordance with AHRI Standard 360.
1.02. Unit construction shall comply with ANSI/ASHRAE 15 safety code latest revision and comply with NEC.
1.03. Unit shall be constructed in accordance with UL 1995 standard and shall carry the UL and UL, Canada label.
1.04. Unit cabinet shall be capable of withstanding 500-hour salt spray exposure per ASTM B117 (scribed specimen).
1.05. Air-cooled condenser coils for hermetic scroll compressor units (38AUZ) and 38AUD shall be leak tested at 150 psig, and pressure tested at 650 psig.
1.06. Unit shall be manufactured in a facility registered to ISO 9001:2000 manufacturing quality standard.

DELIVERY, STORAGE, AND HANDLING

1.01. Unit shall be shipped as single package only, and shall be stored and handled according to unit manufacturer's recommendations.

WARRANTY (FOR INCLUSION BY SPECIFYING ENGINEER.)

Part 2: Products

EQUIPMENT

2.01. General:
- A. Factory-assembled, single piece, air-cooled condensing unit. Contained within the unit enclosure shall be all factory wiring, piping, controls, compressor, holding charge, and special features required prior to field start-up.

2.02. Unit Cabinet:
- A. Unit cabinet shall be constructed of galvanized steel, bonderized and coated with a prepainted baked enamel finish.
- B. A heavy-gauge roll-formed perimeter base rail with forklift slots and lifting holes shall be provided to facilitate rigging.

2.03. Condenser Fans:
- A. Condenser fans shall be direct driven, propeller type, discharging air vertically upward.
- B. Fan blades shall be balanced.
- C. Condenser fan discharge openings shall be equipped with PVC-coated steel wire safety guards.
- D. Condenser fan and motor shaft shall be corrosion resistant.

2.04. Compressor:
- A. Compressor shall be of the hermetic scroll type .

B. Compressor shall be mounted on rubber grommets.
C. Compressors shall include overload protection.
D. Compressors shall be equipped with a crankcase heater.
E. Compressor shall be equipped with internal high pressure and high temperature protection.
F. 38AUZ*16 and 25 sizes shall use two scroll compressors manifold together.

2.05. Condenser Coils:
A. Standard Aluminum fin - Copper Tube Coils:
1. Standard evaporator and condenser coils shall have aluminum lanced plate fins mechanically bonded to seamless internally grooved copper tubes with all joints brazed.
2. Evaporator coils shall be leak tested to 150 psig, pressure tested to 450 psig, and qualified to UL 1995 burst test at 1775 psig.
3. Condenser coils shall be leak tested to 150 psig, pressure tested to 650 psig, and qualified to UL 1995 burst test at 1980 psig.

2.06. Refrigeration Components:
A. Refrigeration circuit components shall include liquid line service valve, suction line service valve, a full charge of compressor oil, and a partial holding charge of refrigerant.

2.07. Controls and Safeties:
A. Minimum control functions shall include:
1. Control wire terminal blocks.
2. Compressor lockout on auto-reset safety until reset from thermostat.
3. Each unit shall utilize the Comfort Alertt Diagnostic Board that provides:
a. System Pressure Trip fault code indication
b. Short Cycling fault code indication
c. Locked Rotor fault code indication
d. Open Circuit fault code indication
e. Reverse Phase 3 fault code indication
f. Welded Contactor fault code indication
g. Low Voltage fault code indication
h. Anti-short cycle protection
i. Phase reversal protection
B. Minimum safety devices which are equipped with automatic reset (after resetting first at thermostat), shall include:
1. High discharge pressure cutout.
2. Low pressure cutout.

2.08. Operating Characteristics:
A. The capacity of the condensing unit shall meet or exceed _____ Btuh at a suction temperature of _____F. The power consumption at full load shall not exceed _____ kW.
B. The combination of the condensing unit and the evaporator or fan coil unit shall have a total net cooling capacity of _____ Btuh or greater at conditions of _____ cfm entering-air temperature at the evaporator at _____F wet bulb and _____F dry bulb, and air entering the condensing unit at _____F.
C. The system shall have an EER of _____ Btuh/Watt or greater at standard AHRI conditions.
D. Standard unit shall be capable to operate up to 125_F (52_C) and down to 40_F (4_C)

2.09. Electrical Requirements:
A. Nominal unit electrical characteristics shall be _____ v, 3-ph, 60 Hz. The unit shall be capable of satisfactory operation within voltage limits of ____ v to _____ v.
B. Unit electrical power shall be single-point connection.
C. Unit control circuit shall contain a 24-v transformer for unit control.

2.10. Special Features:
A. Unit-Mounted, Non-Fused Disconnect Switch:

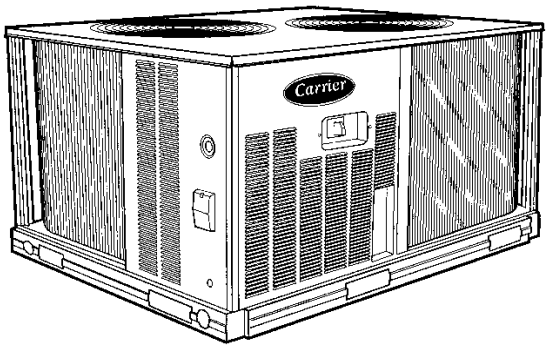
1. Switch shall be factory-installed and internally mounted. NEC and UL-approved non-fused switch shall provide unit power shutoff. Switch shall be accessible from outside the unit and shall provide power off lockout capability. Non-fused disconnect switch cannot be used when unit MOCP electrical rating exceeds 80 amps.

B. Convenience Outlet:
   1. Non-Powered convenience outlet.
      a. Outlet shall be powered from a separate 115/120v power source.
      b. A transformer shall not be included.
      c. Outlet shall be factory-installed and internally mounted with easily accessible 115-v female receptacle.
      d. Outlet shall include 15 amp GFI receptacles with independent fuse protection.
      e. Outlet shall be accessible from outside the unit.
      f. Outlet shall include a field-installed "Wet in Use" cover.

C. Thermostat Controls:
   1. Programmable multi-stage thermostat shall have 7-day clock, holiday scheduling, large backlit display, remote sensor capability, and Title 24 compliance.
   2. Commercial Electronic Thermostat shall have 7-day time clock, auto-changeover, multi-stage capability, and large LCD (liquid crystal display) temperature display.

COMMERCIAL SPLIT SYSTEMS
38AUZ 6 to 20 Ton
38AUD 10 to 25 Ton
AIR-COOLED COOLING ONLY CONDENSING UNITS with PURON® REFRIGERANT

These light commercial air-cooled cooling only condensing units are easily connected by refrigerant lines and low voltage control wiring to matching Carrier packaged air-handling units or other suitable evaporator units. They are ideal for new construction or renovation applications where quality and performance are required.



ASHRAE 90.1 COMPLIANT

c UL us

AHRI CERTIFIED www.ahridirectory.org Unitary Large AC AHRI Standard 340/360

Gemini

Puron the environmentally sound refrigerant

Manufactured in facility registered to ISO 9001:2008 quality standard

BASE UNIT STANDARD FEATURES:

- Puron® (R-410A) HFC refrigerant partial charge
- Single circuit units (38AUZ) are available in 2 stage cooling
- Two circuit units (38AUD) are available in 3 stage cooling
- All models utilize round tube plate fin coils.
- Standard one year parts warranty and five year compressor parts warranty. Extended 2-5 year parts and 1-5 labor coverage are available.
- Cooling operating range up to 125°F (52°C) and down to 35°F (2°C) as standard.
- Available Motormaster® I control for cooling operation down to -20°F (-29°C)
- Fully hermetic scroll compressor with crankcase heater
- New terminal board facilitating simple safety circuit troubleshooting and simplified control box arrangement. 24-volt 75va control system
- High and low pressure switches.

- Comfort Alert™ Diagnostic Board:
  - LED Go-No-Go and fault code
  - Built in time guard anti-short cycle
  - Phase protection
  - Fault code retention logic
  - Low voltage compressor contactor protector
- UL and UL, Canada apply to standard units; 575-volt units UL, Canada only.
- Full perimeter base rails with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Direct drive permanently lubricated condenser fan motors
- All units factory run tested
- Compressors mounted on independent vibration isolators

www.ae2s.com

Ramsey Water Treatment Plant
Project Budget Status – January 2025
Date: 1/21/2025

Objective

AE2S continues to oversee the construction of the City of Ramsey's new WTP. The intent of this report is to provide the City with a review of the status of the project budget in its entirety.

Engineering Services Contract

Design Phase

Project Phase	Subtotal
Design Phase Fee	$556,100.00
Amendment No. 02 – Additional Site Plan Design	$14,640.69
Total Professional Fee	**$570,740.69**
Percent Completed	100%

Bidding Phase

Project Phase	Subtotal
Bidding Phase Fee	$38,100.00
Amendments	$0.00
Total Professional Fee	**$38,100**
Percent Completed	100%

Construction Services Phase

Project Phase	Subtotal
Construction Services Phase Fee	$604,400.00
Amendment No. 01 – Construction Services	$225,100.00
Amendment No. 02 – As-Built Survey	$2,683.15
Total Professional Fee*	**$832,183.15**
Total Billed**	$612,640.70
Balance to Finish Phase	**$219,542.45**
Percent Completed	73.6%

*Combined Construction Services (Lump Sum) and Construction Services - RPR (Hourly) budget.
**Through December 2024 Invoice to City

Construction Contract

Construction Contract Budget

Expense No.	Subtotal
Original Construction Contract	$31,528,500.00
Change Order No. 1	$794,153.71
Change Order No. 2*	$0.00
Total Construction Contract	**$32,322,653.71**
Total Compensated and Stored to Date*	$20,371,648.47
Retainage**	$1,018,582.42
Total Billed	**$19,353,066.05**
Balance to Finish Plus Retainage	**$12,969,587.66**
Percent Completed	59.9%

*Change Order No. 2 was to extend the completion dates on the Contract and included no cost changes.
**Through Pay Application No. 19

Construction Contract Times

Contract Times	Date
Substantial Completion:	May 1, 2025
Final Completion:	August 1, 2025
Change Order No. 1 (~~Increase~~/~~Decrease~~)	0 Days
Change Order No. 2 (Increase/~~Decrease~~)	+ 88 Days
Substantial Completion:	**July 28, 2025**
Final Completion:	**October 28, 2025**

*Change Order No. 1 did not include any changes to the completion dates of the Contract.

Construction Allowance Summary

General Construction Allowance

Expense No.	General Construction Allowance Amount Original Allowance: $950,000.00	Status
Expense No. 1	$76,446.53	Approved
Expense No. 2	$135,654.02	Approved
Expense No. 3	$99,095.63	Approved
Expense No. 4	$102,023.36	Approved
Expense No. 5	$39,361.69	Approved
Expense No. 6	$17,125.02	Approved
Expense No. 7	$31,938.68	Approved
Expense No. 8	$31,463.77	Pending
Net Expenses to Date	**$533,109.08**	
Available Construction Contingency:	**$416,890.92**	
Percent Completed	56.1%	

Office Furniture

Expense No.	Office Furniture Allowance Amount Original Allowance: $50,000.00	Status
Net Expenses to Date:	**$0.00**	
Available Construction Contingency:	**$50,000.00**	

Computer Hardware

Expense No.	Computer Hardware Allowance Amount Original Allowance: $80,000.00	Status
Net Expenses to Date:	**$0.00**	
Available Construction Contingency:	**$80,000.00**	

IT Equipment

Expense No.	IT Equipment Allowance Amount Original Allowance: $100,000.00	Status
Net Expenses to Date:	**$0.00**	
Available Construction Contingency:	**$100,000.00**	

Security and Access Control Hardware & Equipment

Expense No.	Security and Access Control Hardware & Equipment Allowance Amount Original Allowance: $60,000.00	Status
Net Expenses to Date:	**$0.00**	
Available Construction Contingency:	**$60,000.00**	

Irrigation System

Expense No.	Irrigation System Allowance Amount Original Allowance: $60,000.00	Status
Net Expenses to Date:	**$0.00**	
Available Construction Contingency:	**$60,000.00**	

Summary

Based on the items noted above, AE2S feels that the construction of the water treatment plant is progressing well and is not likely to require additional funding to cover change orders beyond what is already reserved in the construction allowances. AE2S is working hard to manage our construction services phase budget. Over the last six months, AE2S invoices to the City have averaged $31,000 per month. At that current burn rate, we expect to run out of budget by August. This will likely leave us short on budget to provide the necessary start up assistance at the new Substantial Completion date of July 28, 2025. A meeting between AE2S and the City will need to occur before then to discuss either reducing our efforts on-site or amending our fee to ensure that we have enough budget to bring this project to completion. Should you have any further questions, please do not hesitate to contact me at my e-mail Ryan.Hanson@ae2s.com or on my cell phone at 612-220-0154.

Submitted in Service,
AE2S

Ryan Hanson
Project Engineer

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Address infrastructure needs.

Title:

Adopt Resolution #25-032 Authorizing Partial Payment #19 to Magney Construction, Inc. for Improvement Project #21-09, Centralized Water Treatment Plant

Purpose/Background:

Pay Estimate and Resolution attached.

Recommendation:

The Resident Project Representative from Advanced Engineering and Environmental Services (EA2S) has inspected the completed work and recommends partial payment #17 to Magney Construction, Inc. for said project in the amount of $929,742.74.

Outcome/Action:

Adopt Resolution #25-032 authorizing partial payment #19 to Magney Construction, Inc. of Chanhassen, Minnesota; for Improvement Project #21-09, Centralized Water Treatment Plant, in the amount of $929,742.74.

Attachments

Resolution

Pay App #19

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/23/2025 10:02 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Marsha Weidner		Started On: 01/22/2025 10:02 AM
Final Approval Date: 01/23/2025		

Councilmember ____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-032

RESOLUTION AUTHORIZING PARTIAL PAYMENT #19 TO MAGNEY CONSTRUCTION, INC. FOR IMPROVEMENT PROJECT #21-09; CENTRALIZED WATER TREATMENT PLANT

WHEREAS, pursuant to Ramsey City Council Resolution #19-248 adopted October 8, 2019, five (5) proposals were accepted and a professional services contract was awarded to SEH, Inc. for analyzing the City's municipal water supply system source water, developing a water system model, and preparing a preliminary design report for a centralized water treatment plant to ensure that the City's municipal water supply system will continue to provide adequate quantities of safe drinking water into the foreseeable future; and

WHEREAS, pursuant to Ramsey City Council Resolution #21-143 adopted May 25, 2021, the final Feasibility Study dated March 4, 2021, for the centralized water treatment plant was approved; and

WHEREAS, pursuant to Ramsey City Council Resolution #21-150 adopted May 25, 2021, Requests for Proposals for professional engineering services to prepare final plans and specifications, to administer the bid process, and to provide construction administration services for construction of a municipal water treatment plant was approved and the advertising and direct soliciting of said proposal was authorized; and

WHEREAS, pursuant to Ramsey City Council Resolution #21-220 adopted July 27, 2021, Staff was authorized to negotiate a contract with Advanced Engineering and Environmental Services (AE2S) in an amount not to exceed $1,198,600 in response to their professional engineering services proposal, subject to review and approval of the contract by the City Attorney; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-032 adopted January 24, 2023, final plans and specifications as prepared by AE2S were approved and advertisements for bids were authorized for Improvement Project #21-09; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-061 adopted March 28, 2023, the lowest responsible bid of Magney Construction, Inc. was accepted in the amount of $31,528,500, for the Base Bid and Section 01 21 00 Allowances, the Mayor and City Administrator were directed to enter into a construction contract with Magney Construction, Inc., and the Mayor was directed to accept the amendment from AE2S in the amount of $225,100 for additional construction phase services for said improvements for and on behalf of the City of Ramsey; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-059 adopted February 13, 2024, Change Order No. 1 was approved in the amount of $794,153.71 for Improvement Project #21-09, Centralized Water Treatment Plant; and" per the attached pdf.

WHEREAS, as of January 28th, 2025 $12,969,587.66 has been paid to date; and

WHEREAS, the Resident Project Representative from Advanced Engineering and Environmental Services (AE2S) has inspected the completed work and recommends partial payment #19 to Magney Construction, Inc. for said project in the amount of $929,742.74.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

1) That the City Council hereby authorizes partial payment #19 to Magney Construction, Inc. of Chanhassen, Minnesota, for Improvement Project #21-09, Centralized Water Treatment Plant, in the amount of $929,742.74.

2) That the City Council hereby accepts the project and authorizes the Mayor or City Administrator to sign the release for this payment.

3) That the total amount of this payment is not included in resolutions approving payment of bills for the date of January 28, 2025.

4) That the City of Ramsey Finance Department will be provided a signed copy of this resolution.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____ and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

Contractor's Application For Payment No. 19

	Application Period: 12/7/2024 - 1/10/2025	Application Date: 1/10/2025
To (Owner): City of Ramsey, MN	From (Contractor): Magney Construction, Inc.	Via (Engineer): Advanced Engineering and Environmental Services, Inc.
Project: Ramsey Water Treatment Plant (IP #21-09)	Contract: All Construction	
Owner's Contract No.:	Contractor's Project No.: 00599	Engineer's Project No.: 05434-2020-002

Application for Payment

Change Order Summary

Approved Change Orders

Number	Additions	Deductions
1	$ 794,153.71	
TOTALS	$794,153.71	$0.00
NET CHANGE BY CHANGE ORDERS	$794,153.71	

1.	**ORIGINAL CONTRACT PRICE**		$31,528,500.00
2.	**Net change by Change Orders**		$794,153.71
3.	**CURRENT CONTRACT PRICE (Line 1 ± 2)**		$32,322,653.71
4.	**TOTAL COMPLETED AND STORED TO DATE (Column F on Schedule of Values)**		$20,371,648.47
5.	**RETAINAGE:**		
	a. **5.0%** **$20,195,709.47**	**Work Completed**	$1,009,785.47
	b. **5% x** **$175,939.00**	**Stored Materials**	$8,796.95
	c. **Total Retainage (Line 5a + Line 5b)**		$1,018,582.42
6.	**AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)**		$19,353,066.05
7.	**LESS PREVIOUS PAYMENTS (Line 6 from prior Application)**		$18,423,323.31
8.	**AMOUNT DUE THIS APPLICATION**		**$929,742.74**
9.	**BALANCE TO FINISH, PLUS RETAINAGE (Column H on Schedule of Values + Line 5c above)**		$12,969,587.66

Contractor's Certification

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By:	Date:
Ken K	1/10/2025

Payment of: $929,742.74
(Line 8 or other - attach explanation of other amount)

is recommended by: RYAN HANSON (Engineer) 1/21/2025 (Date)

Payment of: $929,742.74
(Line 8 or other - attach explanation of other amount)

is approved by: Brian Wendt (City of Ramsey, MN) 1/21/2025 (Date)

Approved by: (Funding Agency (if applicable)) (Date)

Schedule of Values

Ramsey Water Treatment Plant

Payment Application No. 19

Date of Application: 1/10/2025

Work completed through: 1/10/2025

Item			C	D	E	F	G	H
Specification Section No.	Description	Scheduled Value	From Previous Application (C+D)	This Period	Materials Presently Stored (not in Col D)	Total Completed and Stored to Date (C + D + E)	%	Balance to Finish
01 10 00	Mobilization	$1,250,424.00	$995,023.00	$52,100.00	$0.00	$1,047,123.00	84	$203,301.00
01 10 01	General Conditions	$268,800.00	$200,450.00	$11,200.00	$0.00	$211,650.00	79	$57,150.00
01 10 02	Supervision	$384,000.00	$288,000.00	$16,000.00	$0.00	$304,000.00	79	$80,000.00
01 10 03	Bond & Insurance	$425,600.00	$425,600.00	$0.00	$0.00	$425,600.00	100	$0.00
01 21 00	ALLOWANCES							
1	Office Furniture ($50,000)	$50,000.00	$0.00	$0.00	$0.00	$0.00	0	$50,000.00
2	Computer Hardware ($80,000)	$80,000.00	$0.00	$0.00	$0.00	$0.00	0	$80,000.00
3	IT Equipment ($100,000)	$100,000.00	$0.00	$0.00	$0.00	$0.00	0	$100,000.00
4	Security and Access Control Hardware and Equipment ($60,000)	$60,000.00	$0.00	$0.00	$0.00	$0.00	0	$60,000.00
5	Irrigation System ($60,000)	$60,000.00	$0.00	$0.00	$0.00	$0.00	0	$60,000.00
6	General Construction Allowance ($950,000)	$950,000.00	$239,501.50	$25,257.99	$0.00	$264,759.49	28	$685,240.51
03 20 00	Concrete Reinforcement - Building	$1,602,777.00	$1,561,456.00	$10,095.57	$0.00	$1,571,551.57	98	$31,225.43
03 20 00	Concrete Reinforcement - Reservoir	$864,856.00	$863,503.01	$0.00	$0.00	$863,503.01	100	$1,352.99
03 30 00	Cast-in-Place Concrete Work - Site	$108,600.00	$6.00	$0.00	$0.00	$6.00	0	$108,594.00
03 30 00	Cast-in-Place Concrete Work - Building	$3,885,960.00	$3,816,319.00	$19,860.00	$0.00	$3,836,179.00	99	$49,781.00
03 30 00	Cast-in-Place Concrete Work - Reservoir	$1,410,075.00	$1,407,324.00	$0.00	$0.00	$1,407,324.00	100	$2,751.00
03 35 30	Polished Concrete Finish	$6,800.00	$0.00	$0.00	$0.00	$0.00	0	$6,800.00
03 41 00	Structural Precast Concrete	$1,042,796.00	$724,200.00	$0.00	$0.00	$724,200.00	69	$318,596.00
04 22 00	Unit Masonry	$269,000.00	$217,825.00	$11,130.00	$0.00	$228,955.00	85	$40,045.00
05 12 00	Structural Steel Framing, Misc. Metals, Metal Stairs and Aluminum Railing	$1,990,378.00	$945,357.00	$20,664.00	$0.00	$966,021.00	49	$1,024,357.00
06 00 00	Carpentry	$375,128.00	$102,900.00	$68,327.00	$0.00	$171,227.00	46	$203,901.00
06 73 00	Fiberglass Reinforced Plastic Grating	$353,707.00	$0.00	$0.00	$0.00	$0.00	0	$353,707.00
07 12 00	Fluid Applied Waterproofing	$78,130.00	$75,155.00	$1,540.00	$0.00	$76,695.00	98	$1,435.00
07 12 50	Hot Mopped Waterproofing	$7,420.00	$1,173.00	$6,247.00	$0.00	$7,420.00	100	$0.00
07 17 13	Bentonite Waterproofing	$124,650.00	$122,645.00	$2,005.00	$0.00	$124,650.00	100	$0.00
07 21 00	Thermal Insulation and Air Barriers	$15,600.00	$0.00	$0.00	$0.00	$0.00	0	$15,600.00
07 23 00	Weather Barrier	$39,800.00	$0.00	$0.00	$0.00	$0.00	0	$39,800.00
07 24 00	Exterior Insulation and Finish System	$67,955.00	$0.00	$0.00	$0.00	$0.00	0	$67,955.00
07 42 15	Architectural Metal Panels	$229,910.00	$13,160.00	$0.00	$0.00	$13,160.00	6	$216,750.00
07 50 10	Concrete Faced Insulated Panels	$15,000.00	$0.00	$0.00	$0.00	$0.00	0	$15,000.00
07 53 23	EPDM Roof System, Flashing & Sheet Metal	$589,225.00	$0.00	$0.00	$0.00	$0.00	0	$589,225.00
07 92 00	Caulking & Sealants	$37,465.00	$0.00	$0.00	$0.00	$0.00	0	$37,465.00
08 11 13	Doors, Frames & Hardware	$328,136.00	$218,660.00	$0.00	$57,016.00	$275,676.00	84	$52,460.00
08 31 15	Access Doors	$6,513.00	$5,120.00	$427.00	$0.00	$5,547.00	85	$966.00
08 35 13	Accordion Folding Fire Door	$65,683.00	$0.00	$0.00	$0.00	$0.00	0	$65,683.00

Schedule of Values

Ramsey Water Treatment Plant

Payment Application No. 19

Date of Application: 1/10/2025

Work completed through: 1/10/2025

Item			C	D	E	F	G	H
Specification Section No.	Description	Scheduled Value	From Previous Application (C+D)	This Period	Materials Presently Stored (not in Col D)	Total Completed and Stored to Date (C + D + E)	%	Balance to Finish
08 35 16	Heavy Duty Folding Door	$49,985.00	$0.00	$0.00	$0.00	$0.00	0	$49,985.00
08 36 00	Sectional Overhead Doors	$14,900.00	$0.00	$0.00	$0.00	$0.00	0	$14,900.00
08 41 13	Aluminum Framed Entrances and Storefronts/Curtainwall/Glazing	$254,163.00	$0.00	$0.00	$0.00	$0.00	0	$254,163.00
08 95 00	Translucent Wall Panels	$275,400.00	$0.00	$0.00	$0.00	$0.00	0	$275,400.00
09 20 00	Metal Framing and Gypsum Board	$190,345.00	$0.00	$22,848.00	$0.00	$22,848.00	12	$167,497.00
09 30 00	Tiling	$8,195.00	$0.00	$0.00	$0.00	$0.00	0	$8,195.00
09 51 00	Acoustical Ceilings	$47,000.00	$0.00	$0.00	$0.00	$0.00	0	$47,000.00
09 65 13	Resilient Base and Accessories	$3,000.00	$1,435.00	$0.00	$0.00	$1,435.00	48	$1,565.00
09 68 13	Carpet Tile	$12,299.00	$5,845.00	$0.00	$0.00	$5,845.00	48	$6,454.00
09 90 00	Painting	$846,400.00	$0.00	$0.00	$0.00	$0.00	0	$846,400.00
10 14 16	Plaques/Dimensional Letter Signage and Panel Signage	$16,310.00	$0.00	$0.00	$0.00	$0.00	0	$16,310.00
10 28 00	Toilet Accessories	$708.00	$0.00	$0.00	$0.00	$0.00	0	$708.00
10 44 16	Fire Extinguishers	$1,656.00	$0.00	$0.00	$0.00	$0.00	0	$1,656.00
12 24 13	Roller Window Shades	$1,500.00	$0.00	$0.00	$0.00	$0.00	0	$1,500.00
12 35 30	Architectural Casework	$51,850.00	$0.00	$0.00	$0.00	$0.00	0	$51,850.00
12 35 35	Solid Polymer Fabrications	$15,000.00	$0.00	$0.00	$0.00	$0.00	0	$15,000.00
21 13 13	Wet Pipe Sprinkler System	$65,835.00	$5,250.00	$0.00	$0.00	$5,250.00	8	$60,585.00
22 00 00	Plumbing Install, Rough-in & Finish - Labor	$76,500.00	$55,702.00	$4,180.00	$0.00	$59,882.00	78	$16,618.00
22 00 01	Plumbing Pipe, Fittings & Fixtures - Material	$270,000.00	$66,060.00	$15,820.00	$0.00	$81,880.00	30	$188,120.00
22 07 00	Plumbing Insulation	$49,670.00	$0.00	$0.00	$0.00	$0.00	0	$49,670.00
23 00 00	HVAC General Conditions, Permits & Mobilization	$15,200.00	$0.00	$0.00	$0.00	$0.00	0	$15,200.00
23 00 00.01	Testing, Adjusting & Balancing	$5,900.00	$0.00	$0.00	$0.00	$0.00	0	$5,900.00
23 00 00.02	Ductwork Insulation	$29,400.00	$0.00	$0.00	$0.00	$0.00	0	$29,400.00
23 00 00.03	HVAC Controls	$76,000.00	$0.00	$0.00	$0.00	$0.00	0	$76,000.00
23 00 00.04	Refrigerant Piping - Labor	$10,400.00	$0.00	$0.00	$0.00	$0.00	0	$10,400.00
23 00 00.05	Refrigerant Piping - Material	$2,800.00	$0.00	$0.00	$0.00	$0.00	0	$2,800.00
23 00 00.06	Ductwork - Labor	$70,900.00	$0.00	$0.00	$0.00	$0.00	0	$70,900.00
23 00 00.07	Ductwork - Material	$65,100.00	$0.00	$0.00	$0.00	$0.00	0	$65,100.00
23 00 00.08	Louvers and Dampers - Labor	$8,100.00	$0.00	$0.00	$0.00	$0.00	0	$8,100.00
23 00 00.09	Louvers and Dampers - Material	$12,500.00	$0.00	$0.00	$0.00	$0.00	0	$12,500.00
23 00 00.10	VAV and GRD - Labor	$6,800.00	$0.00	$0.00	$0.00	$0.00	0	$6,800.00
23 00 00.11	VAV and GRD - Material	$7,600.00	$0.00	$0.00	$0.00	$0.00	0	$7,600.00
23 00 00.12	HVAC Fans - Labor	$13,800.00	$0.00	$0.00	$0.00	$0.00	0	$13,800.00
23 00 00.13	HVAC Fans - Material	$39,600.00	$0.00	$0.00	$0.00	$0.00	0	$39,600.00
23 00 00.14	Gas Unit Heaters - Labor	$14,000.00	$0.00	$0.00	$0.00	$0.00	0	$14,000.00
23 00 00.15	Gas Unit Heaters - Material	$16,200.00	$0.00	$0.00	$0.00	$0.00	0	$16,200.00

Schedule of Values

Ramsey Water Treatment Plant

Payment Application No. 19

Date of Application: 1/10/2025

Work completed through: 1/10/2025

Item			C	D	E	F	G	H
Specification Section No.	Description	Scheduled Value	From Previous Application (C+D)	This Period	Materials Presently Stored (not in Col D)	Total Completed and Stored to Date (C + D + E)	%	Balance to Finish
23 00 00.16	Make-Up Air Units - Labor	$5,600.00	$0.00	$0.00	$0.00	$0.00	0	$5,600.00
23 00 00.17	Make-Up Air Units - Material	$76,000.00	$0.00	$0.00	$0.00	$0.00	0	$76,000.00
23 00 00.18	Roof Top Units - Labor	$1,400.00	$0.00	$0.00	$0.00	$0.00	0	$1,400.00
23 00 00.19	Roof Top Units - Material	$50,200.00	$0.00	$0.00	$0.00	$0.00	0	$50,200.00
23 00 00.20	Split System A/C Unit - Labor	$3,000.00	$0.00	$0.00	$0.00	$0.00	0	$3,000.00
23 00 00.21	Split System A/C Unit - Material	$56,400.00	$0.00	$0.00	$0.00	$0.00	0	$56,400.00
23 00 00.22	Dehumidification Units - Labor	$3,500.00	$0.00	$0.00	$0.00	$0.00	0	$3,500.00
23 00 00.23	Dehumidification Units - Material	$37,500.00	$37,500.00	$0.00	$0.00	$37,500.00	100	$0.00
26 00 00	Electrical Mobilization & Permit	$10,000.00	$5,000.00	$0.00	$0.00	$5,000.00	50	$5,000.00
26 00 01	Temporary Power	$30,000.00	$20,000.00	$0.00	$0.00	$20,000.00	67	$10,000.00
26 05 19	Conductors	$222,000.00	$32,600.00	$0.00	$0.00	$32,600.00	15	$189,400.00
26 05 26	Grounding and Bonding	$10,000.00	$0.00	$0.00	$0.00	$0.00	0	$10,000.00
26 05 29	Hangers and Supports	$20,000.00	$0.00	$0.00	$0.00	$0.00	0	$20,000.00
26 05 33	Raceways and Boxes	$336,600.00	$240,200.00	$0.00	$0.00	$240,200.00	71	$96,400.00
26 22 13	Transformers	$20,000.00	$5,000.00	$0.00	$0.00	$5,000.00	25	$15,000.00
26 23 00	Electric Heat	$40,000.00	$20,500.00	$0.00	$0.00	$20,500.00	51	$19,500.00
26 24 11	Electrical Service	$30,000.00	$10,000.00	$0.00	$0.00	$10,000.00	33	$20,000.00
26 24 13	Switchboards	$30,000.00	$5,000.00	$0.00	$0.00	$5,000.00	17	$25,000.00
26 24 15	Transfer Switches	$30,000.00	$5,000.00	$0.00	$0.00	$5,000.00	17	$25,000.00
26 24 16	Panelboards	$30,000.00	$5,000.00	$0.00	$0.00	$5,000.00	17	$25,000.00
26 24 19	Motor Controls	$30,000.00	$5,000.00	$0.00	$0.00	$5,000.00	17	$25,000.00
26 27 26	Wiring Devices	$30,000.00	$5,000.00	$0.00	$0.00	$5,000.00	17	$25,000.00
26 28 16	Enclosed Switches	$20,000.00	$0.00	$0.00	$0.00	$0.00	0	$20,000.00
26 32 13	Engine Generators	$420,400.00	$0.00	$414,700.00	$0.00	$414,700.00	99	$5,700.00
26 51 00	Lighting	$150,000.00	$103,370.00	$0.00	$0.00	$103,370.00	69	$46,630.00
26 90 01	Measuring and Control Instruments/Water Treatment Controls/I & C	$1,506,000.00	$700,000.00	$0.00	$0.00	$700,000.00	46	$806,000.00
28 31 00	Fire Alarm	$50,000.00	$5,000.00	$0.00	$0.00	$5,000.00	10	$45,000.00
27 00 00	Cabling	$25,000.00	$0.00	$0.00	$0.00	$0.00	0	$25,000.00
31 10 00	Site Clearing/ Site Prep/ Erosion Control	$94,700.00	$86,173.00	$0.00	$0.00	$86,173.00	91	$8,527.00
31 20 00	Earth Moving - Excavation	$242,600.00	$239,034.00	$0.00	$0.00	$239,034.00	99	$3,566.00
31 20 01	Earth Moving - Backfill	$267,800.00	$204,023.00	$21,723.00	$0.00	$225,746.00	84	$42,054.00
31 20 02	Finish Grading	$69,900.00	$0.00	$0.00	$0.00	$0.00	0	$69,900.00
31 23 19	Dewatering	$35,900.00	$35,900.00	$0.00	$0.00	$35,900.00	100	$0.00
32 12 16	Asphalt Paving	$183,097.00	$0.00	$0.00	$0.00	$0.00	0	$183,097.00
32 13 13	Concrete Paving	$59,400.00	$0.00	$0.00	$0.00	$0.00	0	$59,400.00
32 17 13	Plastic Bollard Covers	$1,700.00	$0.00	$0.00	$0.00	$0.00	0	$1,700.00

Schedule of Values

Ramsey Water Treatment Plant

Payment Application No. 19

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Work completed through: 1/10/2025

Item			C	D	E	F	G	H
Specification Section No.	Description	Scheduled Value	From Previous Application (C+D)	This Period	Materials Presently Stored (not in Col D)	Total Completed and Stored to Date (C + D + E)	%	Balance to Finish
32 31 13	Chain Link Fencing, Gates and Equipment	$207,654.00	$0.00	$0.00	$0.00	$0.00	0	$207,654.00
32 92 00	Turfs and Grasses	$63,500.00	$0.00	$0.00	$0.00	$0.00	0	$63,500.00
32 93 00	Plants	$50,000.00	$0.00	$0.00	$0.00	$0.00	0	$50,000.00
33 11 13	Facility Water Distribution Systems	$727,300.00	$636,067.00	$0.00	$0.00	$636,067.00	87	$91,233.01
33 13 13	Facility Sanitary Sewer Systems	$87,800.00	$87,800.00	$0.00	$0.00	$87,800.00	100	$0.00
33 41 00	Storm Utility Drainage	$124,600.00	$39,709.00	$0.00	$0.00	$39,709.00	32	$84,891.00
33 46 00	Subdrainage	$61,400.00	$61,400.00	$0.00	$0.00	$61,400.00	100	$0.00
40 23 19	Process Pipe & Fittings	$2,202,644.00	$1,419,902.55	$60,789.00	$0.00	$1,480,691.55	67	$721,952.46
40 27 87	Process Pipe Supports, Anchors and Sleeves	$139,344.00	$129,158.00	$0.00	$0.00	$129,158.00	93	$10,186.00
40 27 89	Process Pipe Specialties	$51,300.00	$0.00	$0.00	$0.00	$0.00	0	$51,300.00
40 27 97	Process Gauges	$5,327.00	$0.00	$0.00	$0.00	$0.00	0	$5,327.00
40 92 00	Process Valves - Plug, Butterfly, Air and Check	$655,400.00	$603,600.00	$3,667.00	$0.00	$607,267.00	93	$48,133.00
40 92 01	Process Valves - Pressure Reducing Valves	$149,439.00	$149,439.00	$0.00	$0.00	$149,439.00	100	$0.00
41 23 14	Overhead Crane Systems	$131,775.00	$0.00	$0.00	$0.00	$0.00	0	$131,775.00
43 05 10	Disinfection of Water Systems	$24,000.00	$533.00	$0.00	$0.00	$533.00	2	$23,467.00
43 11 16	Gas Handling Blowers	$107,240.00	$106,936.00	$0.00	$0.00	$106,936.00	100	$304.00
43 23 22	Split Case Pumps	$281,247.00	$280,044.00	$0.00	$0.00	$280,044.00	100	$1,203.00
43 32 76	Chlorine Gas Feed Equipment	$129,661.00	$125,000.00	$0.00	$0.00	$125,000.00	96	$4,661.00
43 32 77	Chemical Feed System Pumps	$94,650.00	$90,000.00	$0.00	$0.00	$90,000.00	95	$4,650.00
43 32 78	Chemical Feed System Accessories	$82,275.00	$78,000.00	$0.00	$0.00	$78,000.00	95	$4,275.00
44 42 24	Plate Settlers	$868,280.00	$592,846.00	$0.00	$0.00	$592,846.00	68	$275,434.00
46 33 20	Liquid Chemical Storage Tanks	$94,360.00	$79,317.00	$0.00	$0.00	$79,317.00	84	$15,043.00
46 33 33	Polymer Blending and Feed Equipment	$26,940.00	$22,350.00	$0.00	$0.00	$22,350.00	83	$4,590.00
46 43 47	Jet Mixing System	$159,793.00	$139,204.00	$0.00	$0.00	$139,204.00	87	$20,589.00
46 61 00	Filtration Equipment	$984,470.00	$446,952.00	$0.00	$118,923.00	$565,875.00	57	$418,595.00
CO # 01	Change Order No. 01 - MN Prevailing Wage Rates (draft)	$794,153.71	$177,744.8600	$14,157.00	$0.00	$191,901.86	24	$602,251.85
	Totals	$32,322,653.71	$19,392,971.91	$802,737.56	$175,939.00	$20,371,648.47	63.0%	$11,951,005.24

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Not Applicable

Title:

Adopt 2025 Legislative Priorities

Purpose/Background:

The City annually adopts legislative priorities. City Council reviewed 2024 outcomes and identified 2025 priorities at their January 14, 2025 Work Session. The city will further work with Senator Bahr and Representative Niska in an effort to have them understand what is important to the city.

2025 Priorities with local impacts include:

Sales and Use Tax Exemption for Water Treatment Plant Trunk Watermain Improvements
Interfund Loan Exemption for TIF District 14
Funding for continued study of Ramsey/Dayton Mississippi River Crossing
Expansion of Metro Mobility Service Area to serve Ramsey
Closed Landfill legislation to provide for industrial development

Time Frame/Observations/Alternatives:

This list represents know priorities at the beginning of the legislative session. Staff will continue to monitor efforts at the Capitol, and if needed, ask council to formalize a position on specific efforts as they arise throughout the 2025 session.

Recommendation:

Staff recommends formal adoption of the 2025 Legislative Priorities.

Outcome/Action:

Motion to adopt 2025 Legislative Priorities.

Attachments

2025 Legislative Priorities

Form Review

Inbox	Reviewed By	Date
Brian Hagen	Brian Hagen	01/23/2025 12:52 PM
Form Started By: Brian Hagen		Started On: 01/23/2025 08:23 AM
Final Approval Date: 01/23/2025		

2025 City of Ramsey Legislative Priorities

<u>Local Priority</u>: Sales and Use Tax Exemptions for Water Treatment Plant Trunk Watermain Improvements

During the 2023 legislative session, state sales and use tax exemptions were approved for the purchase of materials for the new Water Treatment Plant. Unfortunately, sales and use tax exemptions were not approved for the necessary Trunk Watermain improvements. The City sought after legislative approval in 2024 for state sales and use tax exemptions for the necessary Trunk Watermain improvements. We had success with the request in the form of budget impact from the State's perspective. When working through the request in 2024, we learned the full financial liability to the State's budget was included in the estimates that were provided in 2023 for both the physical plant and the trunk water lines. Unfortunately, at the end of session in 2024 our request was removed from the omnibus bill along with many other tax related requests from other entities.

- In 2023, sales and use tax exemptions were approved for the Water Treatment Plant.
- The City will work with legislators to amend the approved language to authorize applying sales and use tax exemptions to the necessary Trunk Watermain improvements. Given the project completion timeline of Summer 2025, this will be our last year to make this request.

<u>Local Priority: Tax Increment Financing District 14 (TIF 14, The COR)</u>

Language in the original 2010 legislation included, but did not limit to, the city's share of the costs necessary to provide for the construction of the Northstar Transit Station and related infrastructure as eligible expenditures. This included structured parking, a pedestrian overpass and roadway improvements. State Statute requires interfund loan resolutions when a city borrows funds to a district for improvements with plans to repay itself back through future tax increment. However, these expenses were funded without the required interfund loan resolutions pursuant to the TIF statute. Special legislation did not exempt the City from the interfund loan requirement.

- The City will work with legislators to amend the special TIF 14 legislation to exempt the interfund loan requirement. Thus, creating the potential repayment of such interfund loans through TIF 14 revenue through 2040.

<u>Local Priority</u>: Funding for continued study of Ramsey/Dayton Mississippi River bridge project

The feasibility study for a new Mississippi River bridge was completed in 2021 with funds allocated by the 2020 legislature. Staff will work with local legislators to secure the funding for the next step in pursuit of this project. These next steps may include establishing a location of the crossing, in which will be used when developing parcels impacted by a future river crossing. It should be noted, the City of Dayton recognizes the likelihood of a future crossing and are developing a master plan to incorporate such crossing in the future. Other entities also support this project in a way to reduce traffic impact through their communities. The North Metro

Mayors Association has historically identified this project on their Legislative Priorities, and will serve as a resource to advocate for the project on behalf of its membership.

Local Priority: Metro Mobility Service Area

- Introduce legislation that will add Ramsey to the service area for Metro Mobility.
- Over the years some residents have expressed an interest in getting door-to-door Metro Mobility Service in Ramsey.
- City residents annually pay $352,000 to the Metro Transit Taxing District that the City was required to enter when the NorthStar Station was completed.
- Inclusion in the Metro Mobility service area requires a state statute and was last extended to the City of Lakeville in 2019. The cost of the service is covered by the state.
- Fall of 2024 conversations with Metropolitan Transportation Services indicated the request would not be viewed as unreasonable by them. They noted that services are currently in the City of Anoka, therefore extending services to an adjacent city is more reasonable than creating a satellite service area. With funding for metropolitan transportation shifting to the State's operating budget, no additional property taxes would be levied to Ramsey properties for the expanded service.

Local Priority: Closed landfill legislation to allow economic development

- Staff will work with the PCA and local legislators to determine what, if any, legislation will allow closed landfill property to be put back on the tax role for private development opportunities.

State-wide Policy Priority: Exemption of residential gardens from water emergency restrictions

Staff will work with legislators to research possible legislation to ensure that, in the event the governor declares by executive order a critical water deficiency, pursuant to Minnesota Statutes section 103G.291 implementing mandatory emergency water conservation measures and mandatory restrictions upon nonessential water use is enforced and outdoor irrigation is prohibited, that gardens created by Minnesota residents for the cultivation of vegetables, fruits, herbs and flowers for food and medicinal purposes will not be subject to water restrictions, nor shall they be limited to reclaimed water.

State-wide Policy Priority: Statewide licensure of massage therapy

Support legislation that seeks to adopt a state license requirement for massage therapists. Lack of a statewide license for massage therapists has hampered law enforcement's ability to regulate illegal activities across municipal boundaries related to this profession.

State-wide Policy Priority: Local Government Aid (LGA)

Local Government Aid for Ramsey has fluctuated (see chart below) from a high of $396,382 in 2001, to the current level of $0 in 2017 and beyond. The basic formula was changed in 2014 and some level of LGA was restored for the next three years (approximately $100,000 per year), however the same formula has now resulted in the elimination of all LGA for Ramsey and similar developing suburbs.

FY 2000 - $359,771
FY 2001 - $396,382
FY 2002 - $303,894
FY 2003 through 2013 - $0
FY2014 - $91,381
FY 2015 - $110,352
FY 2016 - $111,311
FY 2017 through 2023 - $0

Background*:*
Support legislation that revises the LGA formula and recognizes the needs of developing suburbs, restoring LGA to developing suburbs for long-term capital needs.

- No changes were made to the LGA funding formula in 2022.
- The City should consider working with legislators to determine if there is an opportunity to revise the LGA formula in the future to provide greater resources to developing suburbs.
- A couple of LGA bills were introduced in 2021 that may have impacted Ramsey, but failed

to become law:

- LGA adjusted for unpaid local assistance costs HF 1052/SF 749 (Rep. Jim Nash, R-Waconia, and Sen. Bill Weber, R-Luverne) would have allowed cities that have not been reimbursed by another city for local assistance costs to submit an application for reimbursement through a reduction in the LGA of the recipient city.
- LGA minimum distribution HF 1096/SF 1238 (Rep. Jerry Hertaus, R-Greenfield, and Sen. David Osmek, R-Mound) would have provided for a minimum per capita LGA amount for all cities that otherwise would receive no LGA, and increased the LGA appropriation to cover the additional amount.

- During the 2022 session, discussions occurred regarding updating the LGA formula. Based on a draft formula, Ramsey would have received funds.
- The most recent LGA adjustments left Ramsey with $0 LGA contributions.

<u>State-wide Policy Priority</u>: Metropolitan Council Committee Membership

Support legislation that seeks to adjust Metropolitan Council Committee membership qualifications and membership determination. Currently there are 16 geographical Council Districts and one chair. Members are comprised of a representative who resides in the district they represent, with the chair serving at large. All members are interviewed by a nominating committee created by the governor, and the final appointment is determined by the governor.

CC Regular Session **8. 1.**

Meeting Date: 01/28/2025

By: Mark Riverblood, Engineering/Public Works

Title:

Adopt Resolution #25-029, Central Park Playground Renovation and Replacement **- Please Note: due to technical difficulties, this case was moved to the last case on the agenda.**

Purpose/Background:

About 5 years ago, City Council approved the Playground Replacement Policy which generally informs the city on which playgrounds are to be replaced and when. Since then, the city has refurbished the playgrounds at Peltzer, Rabbit, and River's Bend Parks pursuant to the policy and plan—with Alpine Park's playground also receiving a complete replacement and site renovation in 2024.

The Playground Replacement Plan forecasts the next parks scheduled for consideration as Riverdale, Solstice and Central Park's (over the years 2024-2026). Staff's analysis from detailed field inspections was that both Solstice and Riverdale Park's may be deferred until Central Park's playground is addressed.

The purpose of this case is to consider approval of the renovation and replacement plan for the playground at Central Park in 2025, as recommended by the Park & Recreation Commission.

Notification:

Observations/Alternatives:

During the month's of November 2024 and January 2025 the Park & Recreation Commission explored the unique opportunity to purchase a new, multi-faceted playground befitting the prominence of Central Park as both a community park and the city's flagship park—at a savings of more than $52,000 over the State Contract price. The first several attachments depict the play components, costs, capacity of children, along with a quote for artifical turf surfacing (versus the engineered wood fiber used at Alpine Park last year). This 10-tons of play equipment with a user capacity of about 250 children at a time, would have a community investment cost of approximately $449,000. The following is a summary of the project costs:

Playground components, freight and installation.....$301,000
Artificial Turf surfacing.....$132,000
Removals and site prep.....$6,000
Contingencies.....$10,000

Total **$449,000**

The above total assumes that staff would modify the playground boulder border as necessary (two or more mobilizations with heavy equipment at a value of more than $5k), and provide all site restoration and landscaping. $301,000 would be from the Lawful Gambling Fund, (providing for a projected fund balance of approximately $130k following the 2025 project). The remaining $148,000 would come from the Park Trust Fund.

For the meeting, staff will provide additional background and context on the city's playgrounds and highlight important considerations for this significant improvement project for Central Park.

Funding Source:

Pursuant to the Playground Replacement Policy, funding for playground replacements in any year would be from the Lawful Gambling Fund. In the instance of 2025, and given the scope, size and cost of the playground meeting the expectations for Central Park, the preferred playground surfacing of artificial turf and associated expenses may be funded by the Park Trust Fund (in addition to the Lawful Gambling Fund).

To summarize: Lawful Gambling Fund, $301,000, Park Trust Fund, $148,000 = $449,000.

Note: These expenditures are **not** from the General Fund (tax levy); and the Lawful Gambling Fund may only be used for purchases and programs that benefit youth in Ramsey, and the Park Trust Fund may only be used for park and trail related improvements in the city. Additionally, the Xgrass artifical turf and the play equipment components costs were established by competitive bid via the Minnesota Department of Administration, Cooperative Purchasing Venture.

Recommendation:

Staff and the Park & Recreation Commission supports a playground replacement and renovation project for Central Park in the amount of $449,000 that this case discusses.

Action:

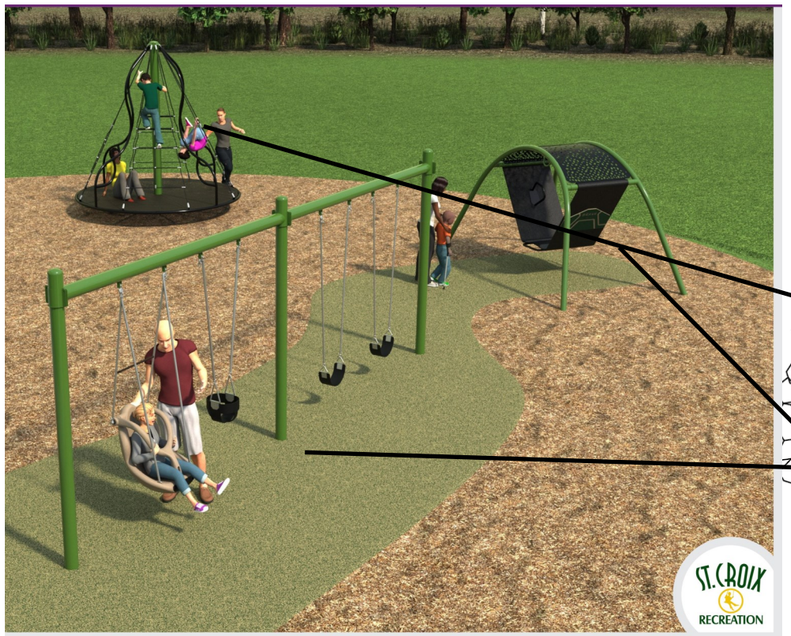
Motion to adopt Resolution #25-029, approving a playground replacement for Central Park at a not-to-exceed cost of $449,000, with an intended completion date of May 2025.

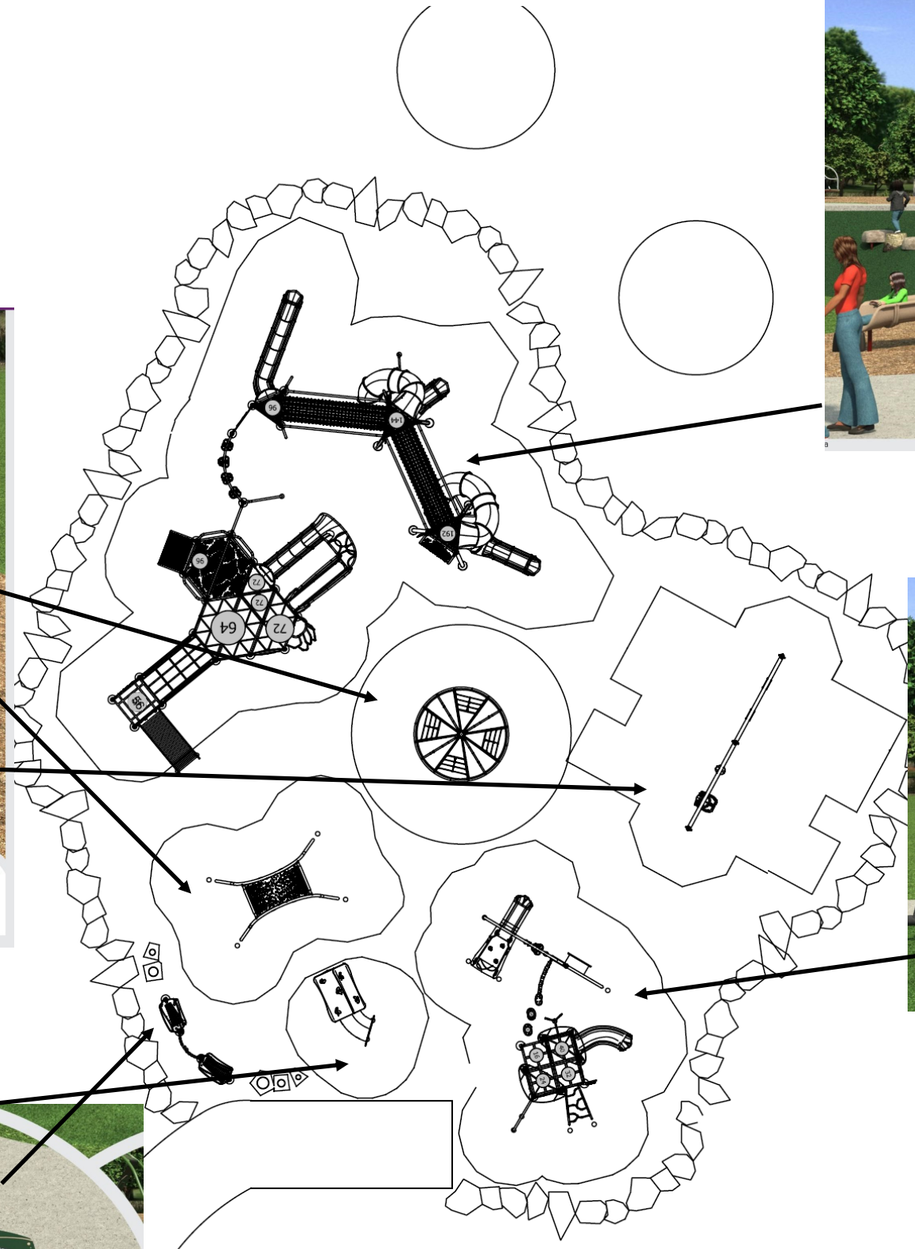
Attachments

Proposed playground components
CP Playground 1
CP Playground 2
CP Playground 3
CP Playground 4
State Contract Price w discount
Play equipment cost detail
Artificial turf quote
Resolution #25-029
Status Lawful Gambling Fund
Playstructure and pea gravel removals
Playground Finder Map
Playground Replacement Policy

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/23/2025 01:43 PM
Brian Hagen	Brian Hagen	01/23/2025 01:49 PM
Form Started By: Mark Riverblood		Started On: 01/13/2025 09:20 AM
Final Approval Date: 01/23/2025		





3D Designer: Kendra

Ramsey Central Park

Playground Renovation: Proposed

Burke
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CENTRAL PARK PLAYGROUND

PROPOSAL #: 100-195512-1-R2

ST. CROIX RECREATION

3D Designer: Heidi

PROPOSAL #: 100-195512-1-R2

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ST. CROIX RECREATION

3D Designer: Heidi

St. Croix Recreation Fun Playgrounds INC.
1826 Tower Dr W
Stillwater, MN 55082 USA
+16514301247
hannah@stcroixrec.com

Estimate

ESTIMATE # 7456
DATE 01/22/2025

ADDRESS
City of Ramsey
Email:
accountspayable@ci.ramsey.mn.us

SHIP TO
City of Ramsey
Central Park Renovation
Ramsey, MN 55303

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

SHIP VIA
Truckload

SALES REP
MIKE BASICH

ACTIVITY	QTY	RATE	AMOUNT
BCI 100-195512-1 Custom Burke Proposal - Prospective Playground Equipment	1	314,652.00	314,652.00T
STATE CONTRACT STATE CONTRACT #218090	1	-22,025.64	-22,025.64
DISCOUNT Additional Discount	1	-52,150.36	-52,150.36T
Lead time Lead time estimate 8-16 weeks; ship date based on inventory at time of order.			
Freight Freight quotes currently only valid for 15 days. Quote based on information currently listed on estimate. Modifications to delivery address, contact or offloading capability must be made prior to order. If made after order is placed, surcharges may apply.			T
Optional Installation Optional installation is available and is billed by installer directly. Installation includes pouring footing and placing equipment on cured footing (if applicable). Does not include any additional resilient surfacing that may be required. *Please reference project manager/installer directly for specific scope of work, and/or additional information found in email correspondence, proposals, and estimates.	1	54,000.00	54,000.00T

MATERIAL ITEMS AS QUOTED ARE GOOD FOR 30 DAYS. FREIGHT QUOTES ARE GOOD FOR 15 DUE TO FUEL UNCERTAINTIES. SALES TAX SUBJECT TO CHANGE. ADD IF NOT TAX EXEMPT OR SUPPLY EXEMPTION CERTIFICATE IF NOT ON FILE. PAYMENT TERMS ARE NET 30 DAYS UNLESS OTHERWISE NOTED. FAILURE TO PAY IN A TIMELY MANNER WILL BE SUBJECT TO INTEREST AT A RATE OF 1.5%/MONTH OR 18% ANNUALLY.

*LEAD TIMES AND SHIPPING DATES ARE BASED ON CURRENT INVENTORY. PLEASE BE PATIENT AS OUR VENDORS NAVIGATE SUPPLY CHAINS & NATIONAL SHORTAGES.

SUBTOTAL	294,476.00
TAX (0%)	0.00
SHIPPING	6,500.00
TOTAL	**$300,976.00**

By signing estimate or authorizing by email or PO, purchaser is agreeing to billing terms as listed on the estimate. Order to include model number(s), quantity and color(s) above including any supplemental documents provided and/or requested. Please verify all content for accuracy. **Those purchasing off of the MN State Contract are bound only by the terms and conditions listed in said contract**

**FOR BIDDING CONTRACTORS & SUPPLIERS: ST CROIX RECREATION IS NOT LIABLE FOR INTERPRETATION OF PROJECT BIDS, DRAWINGS OR ADDENDA. IT IS THE CUSTOMER'S RESPONSIBILITY TO VERIFY ACCURACY OF MODEL NUMBER(S), DESCRIPTION(S), QUANTITY AND COLOR(S) DIRECTLY WITH END USER

Accepted By

Accepted Date

By signing estimate or authorizing by email or PO, purchaser is agreeing to billing terms as listed on the estimate. Order to include model number(s), quantity and color(s) above including any supplemental documents provided and/or requested. Please verify all content for accuracy. **Those purchasing off of the MN State Contract are bound only by the terms and conditions listed in said contract**

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Prospective: Ramsey Central Park

2024 Pricing

Total	
User Capacity	256 lbs
Weight	19816 lbs
List Price	$314,652.00
State Contract Discount	($22,025.64)
Additional Discount	($52,150.36)
Freight	$6,500.00
Installation	$54,000.00
TOTAL PRICE:	$300,976.00

2-5 Structure

SERIES	COMPONENT NUMBER	COMPONENT DESCRIPTION	QUANTITY	WEIGHT	EXTENDED WEIGHT	PRICE	Extended Price	State Contract Price
Synergy	072-0300-107C	3 1/2" OD X 107" CAPPED POST	2	40	80	$348	$ 696.00	$ 647.28
Synergy	072-0300-87C	3 1/2" OD X 87" CAPPED POST	1	32	32	$293	$ 293.00	$ 272.49
Synergy	072-0302-133S	3 1/2" OD X 133" SWAGED POST	3	49	147	$390	$ 1,170.00	$ 1,088.10
Synergy	072-0302-141S	3 1/2" OD X 141" SWAGED POST	3	51	153	$411	$ 1,233.00	$ 1,146.69
Synergy	290-0101	8" CLOSURE PLATE	3	5	15	$119	$ 357.00	$ 332.01
Synergy	290-0102	SQUARE PLATFORM	4	59	236	$801	$ 3,204.00	$ 2,979.72
Synergy	290-0105	IMAGINATION OFFSET ENCLOSURE	2	38	76	$1,002	$ 2,004.00	$ 1,863.72
Synergy	290-0111	CLIMBER ENCLOSURE 2-5	1	17	17	$387	$ 387.00	$ 359.91
Synergy	290-0119	24" PLATFORM BARRIER	1	20	20	$320	$ 320.00	$ 297.60
Synergy	390-0104	GRAB BARS	1	6	6	$212	$ 212.00	$ 197.16
Synergy	390-0165	SINGLE GRAB BAR	1	3	3	$106	$ 106.00	$ 98.58
Synergy	390-0212	APEX ARCH CLIMBER 2-5	1	104	104	$1,395	$ 1,395.00	$ 1,297.35
Synergy	390-0288	BETA CLIMBER 32"-40"	1	75	75	$872	$ 872.00	$ 810.96
Synergy	390-0303	ATOM CLIMBER 32"-48" IMAGINATION	1	100	100	$1,450	$ 1,450.00	$ 1,348.50
Synergy	490-0108	ELATION ROOF 3 POST	2	92	184	$1,274	$ 2,548.00	$ 2,369.64
Synergy	490-0134	IMAGINATION SLIDE SIT DOWN PANEL	1	11	11	$253	$ 253.00	$ 235.29

Synergy	490-0186	MONACO SLIDE, 32"-40"	1	76	76	$1,525	$	1,525.00	$ 1,418.25
Burke Basics	560-2718	LEVEL X LAUNCH	1	817	817	$12,576	$	12,576.00	$ 11,695.68
Burke Basics	580-1364	LIL NOVO BEAN STEP	2	28	56	$316	$	632.00	$ 587.76
Synergy	590-0127	RAIN WHEEL PANEL, 2-5 ABOVE PLATFC	1	25	25	$1,705	$	1,705.00	$ 1,585.65
Synergy	590-0140	SPINNER CRESCENT PANEL	1	17	17	$477	$	477.00	$ 443.61
Synergy	590-0149	COLLISION PANEL, ABOVE PLATFORM	1	33	33	$1,803	$	1,803.00	$ 1,676.79

B	Total	
	User Capacity	38
	State Contract Discout	($2,465.26)
	List Price	$35,218.00
	State Contract Price	$ 32,752.74

layEnsemble

SERIES	COMPONENT NUMBER	COMPONENT DESCRIPTION	QUANTITY	WEIGHT	EXTENDED WEIGHT	PRICE	Extended Price	State Contract Price
Nucleus	072-0500-108C	5" OD X 108" CAPPED POST	1	57	57	$455	$455	$423.15
Nucleus	072-0500-128C	5" OD X 128" CAPPED POST	1	67	67	$525	$525	$488.25
Nucleus	072-0500-72C	5" OD X 72" CAPPED POST	2	38	76	$329	$658	$611.94
Burke Basics	560-0055	PLAYENSEMBLE CIRQUE DRUM V	1	48	48	$1,719	$1,719	$1,598.67
Burke Basics	560-0056	PLAYENSEMBLE CIRQUE DRUM IV	1	32	32	$1,587	$1,587	$1,475.91
Burke Basics	560-0057	PLAYENSEMBLE CIRQUE DRUM III	1	25	25	$1,323	$1,323	$1,230.39
Burke Basics	560-0058	PLAYENSEMBLE CIRQUE DRUM II	1	19	19	$1,189	$1,189	$1,105.77
Burke Basics	560-0059	PLAYENSEMBLE CIRQUE DRUM I	1	17	17	$1,058	$1,058	$983.94
Nucleus	570-0410	PLAYENSEMBLE TITAN CHIMES	1	121	121	$6,879	$6,879	$6,397.47
Nucleus	570-0411	PLAYENSEMBLE SUPINE CHIMES HUE	1	93	93	$5,026	$5,026	$4,674.18
Nucleus	570-0412	PLAYENSEMBLE TERRA METALLOPHONE	1	93	93	$5,026	$5,026	$4,674.18

E	Total	
	User Capacity	12
	State Contract Discout	($1,781.15)
	List Price	$25,445.00
	State Contract Price	$23,663.85

reestanding

SERIES	COMPONENT NUMBER	COMPONENT DESCRIPTION	QUANTITY	WEIGHT	EXTENDED WEIGHT	PRICE	Extended Price	State Contract Price
Burke Basics	550-0099	TOT SEAT, 7' & 8' SINGLE, STD CHAIN	1	12	12	$221	$221	$205.53
Burke Basics	550-0111	BELT SEAT, 8' SINGLE, STD CHAIN	2	10	20	$123	$246	$228.78
Burke Basics	550-0171	FREEDOM SWING SEAT, 8' BEAM, STD C	1	38	38	$1,184	$1,184	$1,101.12
Burke Basics	550-0201	SINGLE POST SWING ASSEMBLY 5" OD	1	220	220	$1,553	$1,553	$1,444.29
Burke Basics	550-0202	SINGLE POST SWING ADD-ON 5" OD	1	145	145	$1,293	$1,293	$1,202.49
Burke Basics	550-9118	BRAVA UNIVERSAL SWING	1	530	530	$8,643	$8,643	$8,037.99
Burke Basics	560-0576	REV8	1	1343	1343	$23,384	$23,384	$21,747.12
Burke Basics	560-2735	ARO SPINNING CHAIR	1	42	42	$1,452	$1,452	$1,350.36
Burke Basics	580-1376	PLAYHOUSE WITH TUNNEL	1	400	400	$7,723	$7,723	$7,182.39
Burke Basics	660-0101	INSTALL KIT, BURKE BASICS - PAINT	1	2	2	$0	$0	$0.00

F	Total	
	User Capacity	58
	State Contract Discout	($3,198.93)
	List Price	$45,699.00
	State Contract Price	$42,500.07

-12 Structure

SERIES	COMPONENT NUMBER	COMPONENT DESCRIPTION	QUANTITY	WEIGHT	EXTENDED WEIGHT	PRICE	Extended Price	State Contract Price
Nucleus	072-0500-140C	5" OD X 140" CAPPED POST	2	74	148	$567	$1,134	$1,054.62
Nucleus	072-0500-144C	5" OD X 144" CAPPED POST	2	76	152	$582	$1,164	$1,082.52
Nucleus	072-0500-148C	5" OD X 148" CAPPED POST	3	78	234	$595	$1,785	$1,660.05
Nucleus	072-0500-164C	5" OD X 164" CAPPED POST	1	86	86	$651	$651	$605.43
Nucleus	072-0500-172C	5" OD X 172" CAPPED POST	2	90	180	$680	$1,360	$1,264.80
Nucleus	072-0500-208C	5" OD X 208" CAPPED POST	5	109	545	$805	$4,025	$3,743.25
Nucleus	072-0500-220C	5" OD X 220" CAPPED POST	4	115	460	$847	$3,388	$3,150.84

Nucleus	072-0500-76C	5" OD X 76" CAPPED POST	2	40	80	$343	$686	$637.98
Nucleus	072-0500-88C	5" OD X 88" CAPPED POST	2	46	92	$385	$770	$716.10
Nucleus	072-0502-184S	5" OD X 184" SWAGED POST	3	96	288	$696	$2,088	$1,941.84
Nucleus	072-0502-220S	5" OD X 220" SWAGED POST	3	115	345	$822	$2,466	$2,293.38
Nucleus	072-5503-100T	5" OD X 100" TOP ALUMINUM CAPPED	2	20	40	$402	$804	$747.72
Nucleus	072-5503-88T	5" OD X 88" TOP ALUMINUM CAPPED P	4	18	72	$364	$1,456	$1,354.08
Nucleus	270-0009	8" CLOSURE PLATE, ELLIPSE	2	8	16	$157	$314	$292.02
Nucleus	270-0013	8' ADAAG RAMP W/BARRIER	1	534	534	$4,625	$4,625	$4,301.25
Nucleus	270-0120	EVOLUTION UNITARY ENCLOSURE	2	34	68	$684	$1,368	$1,272.24
Nucleus	270-0122	EVOLUTION OFFSET ENCLOSURE	4	34	136	$597	$2,388	$2,220.84
Nucleus	270-0129	TRIANGLE PLATFORM	6	48	288	$762	$4,572	$4,251.96
Nucleus	270-0130	SQUARE PLATFORM	1	106	106	$1,364	$1,364	$1,268.52
Nucleus	270-0131	HEXAGONAL PLATFORM S5P	1	287	287	$3,411	$3,411	$3,172.23
Nucleus	270-0132	HALF HEXAGON PLATFORM	1	144	144	$2,153	$2,153	$2,002.29
Nucleus	370-0068	ASPIRE ROPE TUNNEL	2	480	960	$20,436	$40,872	$38,010.96
Nucleus	370-0223	PURSUIT CLIMBER 16"-40"	1	127	127	$3,055	$3,055	$2,841.15
Nucleus	370-0287	TOPO CLIMBER	1	76	76	$1,500	$1,500	$1,395.00
Nucleus	370-0873	CLIMB CROSS	1	67	67	$1,153	$1,153	$1,072.29
Intensity	370-1616	TAKTIKS, TALL ROPE WALL	1	31	31	$2,084	$2,084	$1,938.12
Nucleus	370-1650	EVOLUTION, GROUND TO ROOF CLIMB	1	471	471	$12,380	$12,380	$11,513.40
Nucleus	370-1666	SHASTA CLIMBER, 80"-96"	1	32	32	$1,031	$1,031	$958.83
Nucleus	370-1703	NUCLEUS CORE CROSS SUPPORT	3	32	96	$842	$2,526	$2,349.18
Nucleus	370-1705	NUCLEUS CORE CLIMBER, 8'	1	161	161	$7,690	$7,690	$7,151.70
Nucleus	370-1721	ION CLIMBER 64"-80"	1	50	50	$1,153	$1,153	$1,072.29
Nucleus	470-0001	EVOLUTION TRIANGLE APEX ROOF	2	18	36	$524	$1,048	$974.64
Nucleus	470-0002	EVOLUTION TRIANGLE BASE ROOF	1	16	16	$524	$524	$487.32
Nucleus	470-0003	EVOLUTION TOP ROOF SUPPORT, SINGL	1	13	13	$262	$262	$243.66
Nucleus	470-0006	EVOLUTION BOTTOM ROOF SUPPORT, S	3	13	39	$262	$786	$730.98
Nucleus	470-0008	EVOLUTION SIDE ROOF SUPPORT, LEFT	2	18	36	$262	$524	$487.32
Nucleus	470-0009	EVOLUTION SIDE ROOF SUPPORT, RIGH	2	18	36	$262	$524	$487.32
Nucleus	470-0011	EVOLUTION TRIANGLE APEX ROOF SUP	2	34	68	$1,572	$3,144	$2,923.92
Nucleus	470-0012	EVOLUTION TRIANGLE BASE ROOF SUPI	1	34	34	$1,572	$1,572	$1,461.96
Nucleus	470-0014	EVOLUTION HEX ROOF	1	106	106	$4,319	$4,319	$4,016.67
Nucleus	470-0129	ASPIRE COBRA 144"	1	481	481	$10,166	$10,166	$9,454.38

Nucleus	470-0131	ASPIRE COBRA 192"	1	576	576	$12,341	$12,341	$11,477.13
Nucleus	470-0805	SLIDE HOOD, HIGH SIDE WALL	1	32	32	$646	$646	$600.78
Nucleus	470-0811	EVOLUTION ROOF END PLATE	1	12	12	$70	$70	$65.10
Nucleus	470-0954	EN VIPER R 96 W/O HOOD	1	248	248	$4,234	$4,234	$3,937.62
Nucleus	470-0966	360 LOOP	1	553	553	$12,000	$12,000	$11,160.00
Nucleus	470-0968	SERENITY SPOT PRIMARY, TO ROOF	1	282	282	$4,622	$4,622	$4,298.46
Nucleus	570-0001	ASPIRE SMALL WING	2	33	66	$635	$1,270	$1,181.10
Nucleus	570-0002	ASPIRE MEDIUM WING	4	43	172	$750	$3,000	$2,790.00
Nucleus	570-0004	ASPIRE 4' OPENING BARRIER	1	38	38	$1,206	$1,206	$1,121.58
Nucleus	570-0622	PLATFORM ROLL GUARD	1	8	8	$275	$275	$255.75
Nucleus	570-0811	BRAILLE PANEL	1	55	55	$1,487	$1,487	$1,382.91
Nucleus	570-0848	SIGNING 2-SIDED PLAY PANEL	1	44	44	$903	$903	$839.79
Nucleus	570-1544	EVOLUTION SHORT CURVED TOP BARRI	4	50	200	$1,482	$5,928	$5,513.04
Nucleus	570-1858	3-IN-A-ROW PANEL, ABOVE PLATFORM	1	45	45	$1,511	$1,511	$1,405.23
Nucleus	570-2667	BEE ACCESSIBLE REACH PANEL	1	16	16	$1,056	$1,056	$982.08
Nucleus	570-2701	COLLISION PANEL, ABOVE PLATFORM	1	55	55	$1,995	$1,995	$1,855.35
Nucleus	570-2714	EVOLUTION 2.5' OPENING BARRIER	1	37	37	$995	$995	$925.35
Nucleus	670-0006	ASPIRE TRIPOD CONNECTOR	2	39	78	$813	$1,626	$1,512.18
Nucleus	072-0500-88C	5" OD X 88" CAPPED POST	4	46	184	$385	$1,540	$1,432.20
Nucleus	270-0290	HALF PLATFORM	1	57	57	$866	$866	$805.38
Nucleus	370-0016	GRAB BAR ASSEMBLY	1	6	6	$107	$107	$99.51
Nucleus	470-0756	ROLLER SLIDE 48"-56"	1	721	721	$11,129	$11,129	$10,349.97
Nucleus	570-0072	EVOLUTION HALF BARRIER	2	27	54	$599	$1,198	$1,114.14

A	Total	
	User Capacity	127
	State Contract Discout	($14,580.30)
	List Price	$208,290.00
	State Contract Price	$193,709.70

St. Croix Recreation Fun Playgrounds INC.
1826 Tower Dr W
Stillwater, MN 55082 USA
+16514301247
hannah@stcroixrec.com

Estimate

ESTIMATE # 7420
DATE 12/23/2024
EXPIRATION DATE 02/14/2025

ADDRESS
City of Ramsey
Email:
accountspayable@ci.ramsey.mn.us

SHIP TO
City of Ramsey
Attn: Parks Department
14100 Jasper St NW
Ramsey, MN 55303
CENTRAL PARK
SURFACING

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

SHIP VIA
TRUCKLOAD

SALES REP
MIKE BASICH

ACTIVITY	QTY	RATE	AMOUNT
XGrass Turf XGrass Resilient Play Surfacing w/fall height resilience from 6’ - 10’	7,600	18.08	137,408.00
STATE CONTRACT STATE CONTRACT #218090	137,408	-0.04	-5,496.32
THIS ESTIMATE ASSUMES A SUBGRADE ELEVATION CONDITION 6" BELOW FINISHED GRADE AND DOES NOT INCLUDE SITE PREPARATION OR RESTORATION BEYOND AREAS DISTURBED W/IN THE CONTAINER.			

MATERIAL ITEMS AS QUOTED ARE GOOD FOR 30 DAYS. FREIGHT QUOTES ARE GOOD FOR 15 DUE TO FUEL UNCERTAINTIES. SALES TAX SUBJECT TO CHANGE. ADD IF NOT TAX EXEMPT OR SUPPLY EXEMPTION CERTIFICATE IF NOT ON FILE.
PAYMENT TERMS ARE NET 30 DAYS UNLESS OTHERWISE NOTED. FAILURE TO PAY IN A TIMELY MANNER WILL BE SUBJECT TO INTEREST AT A RATE OF 1.5%/MONTH OR 18% ANNUALLY.

*LEAD TIMES AND SHIPPING DATES ARE BASED ON CURRENT INVENTORY. PLEASE BE PATIENT AS OUR VENDORS NAVIGATE SUPPLY CHAINS & NATIONAL SHORTAGES.

**FOR BIDDING CONTRACTORS & SUPPLIERS: ST CROIX RECREATION IS NOT LIABLE FOR INTERPRETATION OF PROJECT BIDS, DRAWINGS OR ADDENDA. IT IS THE CUSTOMER’S RESPONSIBILITY TO VERIFY ACCURACY OF MODEL NUMBER(S), DESCRIPTION(S), QUANTITY AND COLOR(S) DIRECTLY WITH END USER

SUBTOTAL	131,911.68
TAX (0%)	0.00
TOTAL	**$131,911.68**

By signing estimate or authorizing by email or PO, purchaser is agreeing to billing terms as listed on the estimate. Order to include model number(s), quantity and color(s) above including any supplemental documents provided and/or requested. Please verify all content for accuracy. **Those purchasing off of the MN State Contract are bound only by the terms and conditions listed in said contract**

Accepted By

Accepted Date

By signing estimate or authorizing by email or PO, purchaser is agreeing to billing terms as listed on the estimate. Order to include model number(s), quantity and color(s) above including any supplemental documents provided and/or requested. Please verify all content for accuracy. **Those purchasing off of the MN State Contract are bound only by the terms and conditions listed in said contract**

Councilmember _____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-029

RESOLUTION APPROVING CENTRAL PARK PLAYGROUND RENOVATION AND REPLACEMENT

WHEREAS, Ramsey City Council and the Park & Recreation Commission recognizes the importance of Parks, Trails, Open Space and Recreation to the quality of life for Ramsey residents; and

WHEREAS, Community Parks and their playgrounds are essential areas for play and creative and cognitive expression, as well as the positive physical development of children**;** and

WHEREAS, while Central Park's play equipment has served the community for almost three-decades, it however, has surpassed its useful life, with many components worn and outdated and no longer meets the caliber of play features befitting a community park and merits replacement**;** and

WHEREAS, renovation and reinvestment in existing parks represents a commitment and service to residents throughout the City, and supports favorable property values and sustaining, desirable neighborhoods, and

WHEREAS, the Park & Recreation Commission conducted an analysis of the City's playgrounds, and finds renovation and replacement of the playground at Central Park the highest priority and in keeping with the intent and goals of the Playground Replacement Policy; and

WHEREAS, the Park & Recreation Commission developed a detailed plan to renovate the playground at Central Park for 2025 and on January 9th, 2025 recommended to City Council the implementation of the associated Capital Improvement Project.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

That, up to four hundred and forty-nine thousand ($449,000), are hereby allocated from the Lawful Gambling Improvement Fund and Park Trust Fund, for the purchase and installation of play equipment and related improvements, and further to direct staff to implement the park improvements recommended by the Park & Recreation Commission on January 9th, 2025; and

That, the existing play equipment within Central Park be declared surplus property and that staff is hereby directed to dispose of it in the most fiscally responsible manner possible. Further, that if sold, purchasers must sign a liability waiver, absolving the City from any liability.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember _____, and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

none

and the following abstained:

none

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

LAWFUL GAMBLING FUND #270

	Actual 2023	Projected 2024	Projected 2025	Projected 2026	Projected 2027	Projected 2028	Projected 2029	Projected 2030	Projected 2031	Projected 2032	Projected 2033	Projected 2034
FUND BALANCE, Beginning of	434,946	488,706	358,689	331,982	305,142	278,168	251,059	222,559	45,314	17,927	89,653	61,243
REVENUES:												
Required Contributions:												
Anoka Area Ice Arena As	24,315	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Anoka Area Hockey Asso	3,329	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
ARAA	16,535	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
Ramsey Lions Club	57,479	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000
Interest Earnings	21,603	2,444	1,793	1,660	1,526	1,391	-	1,255	1,113	227	90	448
Miscellaneous	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	123,261	102,944	102,293	102,160	102,026	101,891	100,500	101,755	101,613	100,727	100,590	100,948
EXPENDITURES:												
Park Improvement Program												
Ford Brook Playground Equipment												
Field Lighting Central Park								150,000				
Playground Replacement I	28,600	189,486	100,000	100,000	100,000	100,000	100,000	100,000	100,000		100,000	100,000
Draw Park Concerts in the	20,900	23,475	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
Alexandra House	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Youth First	15,000	15,000	-	-	-	-	-	-	-	-	-	-
Total Expenditures	69,500	232,961	129,000	129,000	129,000	129,000	129,000	279,000	129,000	29,000	129,000	129,000
Increase (Decrease) in Cash	53,761	(130,017)	(26,707)	(26,840)	(26,974)	(27,109)	(28,500)	(177,245)	(27,387)	71,727	(28,410)	(28,052)
FUND BALANCE, End of Year	**488,706**	**358,689**	**331,982**	**305,142**	**278,168**	**251,059**	**222,559**	**45,314**	**17,927**	**89,653**	**61,243**	**33,191**

M&A Bauer Salvage sent you an estimate

We look forward to working with you.

Customer
City of Ramsey
mriverblood@cityoframsey.com
Ramsey, Minnesota

Estimate #11
November 22, 2024

Hide full details

Central Park Estimate *This Bid includes:* *-Playground Removal* *-Subcutting site 12"* *-Machine cost* *-Trucking cost* *-Labor cost*	$6,190.00
Subtotal	$6,190.00
Total	**$6,190.00**

Accept

City of RAMSEY

Playground Finder Map

FORD BROOK PARK
5459 180th Ave

RABBIT PARK
17450 Rabbit St

BROOKSIDE ELEMENTARY
7003 Nowthen Blvd

RUM RIVER CENTRAL PARK
(ANOKA COUNTY PARK)
17955 Roanoke St

CENTRAL PARK
7925 161st Ave

FOX PARK
17150 Potassium St

ELMCREST PARK
16303 Quicksilver St

TITTERUD PARK
16100 Jaspar St

WOODLAND GREEN PARK
5201 155th Lane

PEARSON PARK
15070 Rabbit St

PELTZER PARK
7001 149th Lane

ALPINE PARK
6600 Alpine Dr

NORTH COMMONS
7695 147TH Lane NW

RAMSEY ELEMENTARY
15000 Nowthen Blvd

SOLSTICE PARK
14700 Erkium St

FLINTWOOD TERRACE PARK
14250 Fluorine St

RIVERS BEND PARK
14200 Waco St

EMERALD POND PARK
6000 142nd Ave

RIVERDALE PARK
6860 Riverdale Dr

N
W E
S

Legend

Play Equipment

Trails

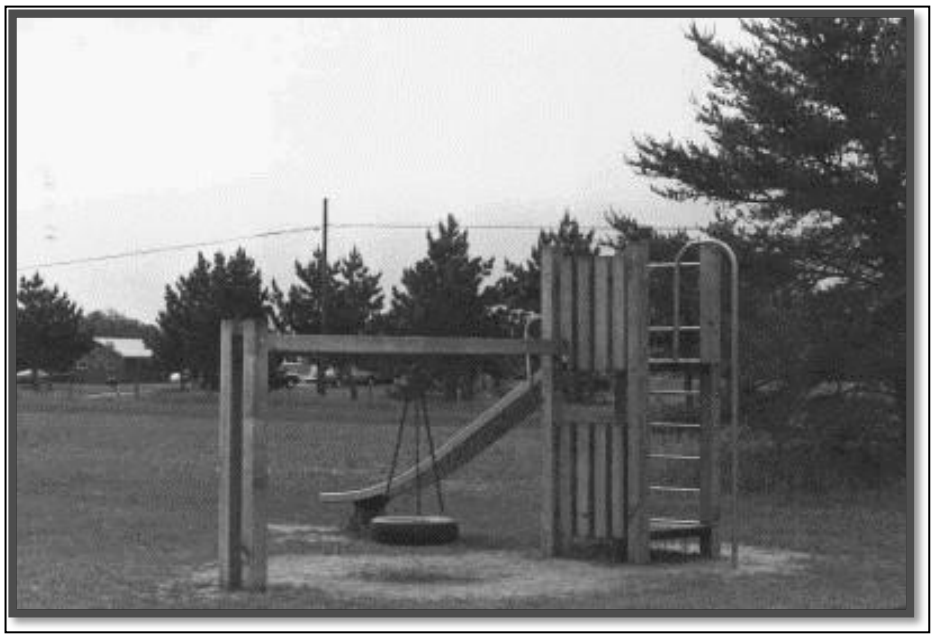
Parks

Lakes & Ponds

Ideas? Questions?

CITY OF RAMSEY
763-433-9883

Map Created by
City of Ramsey
07/20/21



Central Park, Circa 1984

Central Park, Circa 2012

Interim Playground Replacement Policy

City of Ramsey, Minnesota

Adopted: x/x/2021

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Appendix 29

SECTION 1. INTRODUCTION.

Playgrounds provide children with a safe and exciting connection to the outdoors during a time when electronic devices increasingly occupy their attention. They are associated with immense physical benefits—upper- and lower-body strength, muscular and cardiovascular endurance, balance, agility, and hand-eye coordination; in the long-run, reduced risk for cardiovascular ailments (e.g. heart disease and stroke), obesity, type-2 diabetes, and certain cancers—as well as boosts to self-confidence and improvements in social skills. Many of children's fondest memories are formed at parks. Playgrounds help build relationships between parents, grandparents, neighbors, and between children and their peers. Additionally, they provide a community gathering place for young parents and their children who may otherwise experience isolation. It may not be an exaggeration to state that playgrounds metaphorically serve as the backbone of neighborhoods within the community, and as such are a valuable resource that must be properly maintained. Playground equipment and associated improvements unfortunately do not last forever, and so this policy serves as a guide to replacing the city of Ramsey's playgrounds so that they remain a safe and enjoyable place for the community to gather around.

SECTION 2. GENERAL POLICY STATEMENT.

The city of Ramsey has seventeen playgrounds that will need to be replaced in the future. Due to fiscal and administrative constraints, as well as the varying ages and conditions of the city's playgrounds, the replacements are to be carried out over the span of more than a decade. As of the writing of this policy, six of the city's playgrounds have reached the end of their twenty-year useful lifespan and over the next decade, nine more will have reached that point. Consequently, the next capital improvement program (CIP), covering years 2022 through 2031, as well as subsequent CIPs will need to account for the city's playground replacement needs. This policy will guide the city in determining which playgrounds to replace and program into a given year of the CIP.

SECTION 3. PLAYGROUND EVALUATION MATRIX.

The evaluation matrix considers six factors (and an additional screening factor) when prioritizing playgrounds for replacement and the playgrounds are scored based on their adherence to those categories. A playground can receive a maximum score of 90 points, and the higher a score a playground receives, the greater the need for replacement. Four of the seven factors, accounting for 60% of the points, assess the playground itself, while the remaining two factors, accounting for 40% of the points, consider the context of the playground. The remaining factor, while not accounting for any points, is considered before any of the other six factors, because it serves to screen out playgrounds that are not recommended for replacement. The following is a description of that screening factor:

Home Density Surrounding Playground—Yes/No to pass go:

Housing density may be considered a proxy for the regular frequency of usage of a particular playground. Because community parks are likely to be used significantly by outside visitors in addition to the surrounding neighborhood, home density does not factor into the scoring for community parks. Accordingly, playgrounds in community parks are automatically recommended for replacement scoring. Playgrounds in neighborhood parks however, must meet a threshold of 35 homes within 1,500' feet of walking distance to the park to be recommended for replacement consideration. In cases where a playground might be removed, alternative actions (described below) are to be considered. In the table below, playgrounds meeting this threshold are scored "Y" for those that have appropriate densities, and those not meeting the threshold are scored "N." Home density is determined based on how many homes (or townhome/apartment units) are within the 1,500 feet walking distance of a park's boundary along streets, sidewalks and trails.

The following are the four scoring factors that consider the playground itself. Combined they account for 60% of the points:

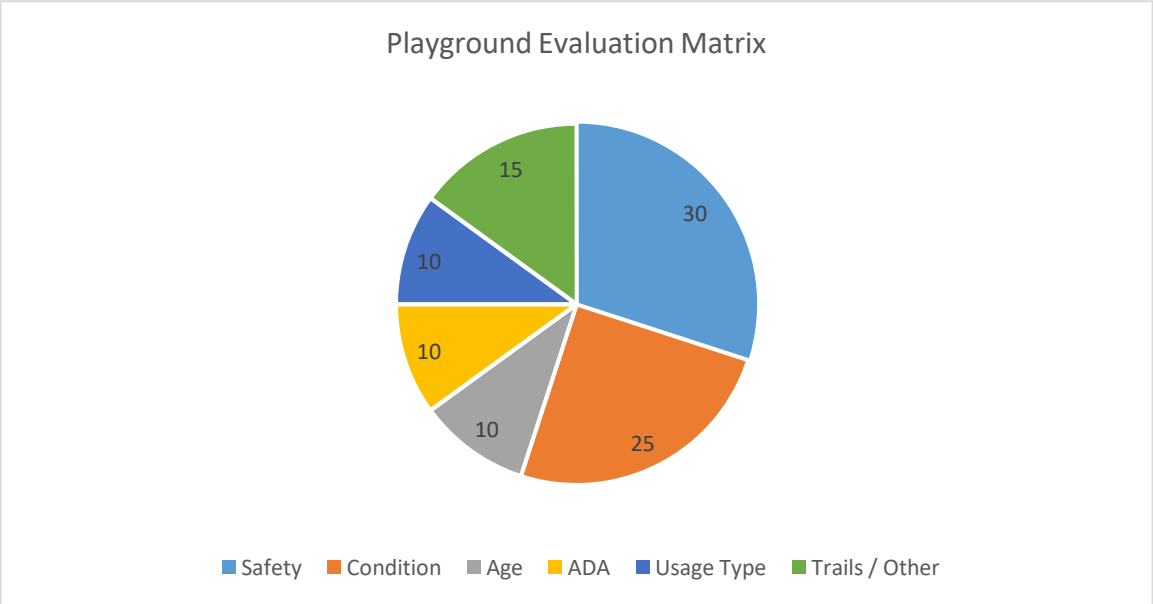
A. **Features Posing Safety Concerns.** A thorough inspection is to be performed on all elements of the playground structures, including but not limited to swings, slides, transfer decks, railings, and surfaces. If one feature is determined to pose a potential safety concern, the playground automatically receives fifteen points in this category, or one half of the total. If more than one feature is found to pose a concern, the playground receives the full thirty points.
B. **Visual Condition of the Playground Set.** The inspection will also determine the visual quality of the playground. The presence of faded or chipped paint, or rusted metal, are indicators of poor condition. Playgrounds in great condition receive zero points; playgrounds in fair condition receive five points; playgrounds in poor condition receive the full ten points.
C. **Age of the Playground Set.** If the playground is less than ten years old, it receives zero points. If it is between ten and twenty years old, it receives two points. If it is between twenty and thirty years old, it receives eight points. If it is greater than thirty years old, it receives the full ten points. The disparity between scores of playgrounds older than twenty years and those younger than twenty years is due to the assumed useful lifespan of a playground being twenty years.
D. **Compliance with ADA Standards.** ADA standards are defined below. Compliance is worth zero points whereas noncompliance is worth ten points.

The matrix additionally considers two factors that encompass the context of the playground. Combined they account for 40% of the points:

E. **Community Park vs. Neighborhood Park.** This distinction refers to the usage of the park containing the playground in question. Neighborhood parks are smaller parks with fewer amenities that primarily serve the immediate neighborhood. They are mostly used by people who live within walking distance of the park. Community parks are larger parks that serve considerably larger constituencies and that feature a greater variety of amenities, particularly athletic fields. They are the sites of athletic tournaments and major gatherings. Playgrounds in community parks are likely to receive much greater usage and wear more quickly, needing replacement sooner than their neighborhood counterparts. Consequently, this category gives priority to playgrounds in community parks over those in neighborhood parks, with the former receiving twenty-five points compared to fifteen points.

F. **Accessibility via Trails and Other Considerations.** Many of Ramsey's older playgrounds are inaccessible via an ADA compliant path which makes them more difficult to access for persons with mobility limitations. Any potential playground replacement would include a paved surface to allow for easier access, thus playgrounds without such a surface are prioritized in this category and may receive the 15 points.

   This category also maintains room for other considerations as well, an example would be structures that need frequent repair components. Due to the overall lack of gradience in the scoring metrics, several playgrounds may receive the same score. This category may also be used to break ties.



SECTION 4. PUBLIC INPUT AND DEMONSTRATED NEED.

The evaluation matrix may not be the sole determinant of the order in which playgrounds are replaced. Input by the community with respect to neighborhood parks is crucial to ensure that residents are well served by their city. A playground scoring higher than another does not necessarily mean that it will be replaced first, particularly if public input demonstrates significant justification for another park's playground to be replaced sooner.

Another tool for assessing the need for playground replacement is actual neighborhood demographics. In some cases, school district data may be obtained that provide the numbers and ages of children within a logical distance of the park under consideration (likely the same 1,500' foot radius). This may reveal very young children that will be coming into that 6+ age where playgrounds are important features of their lives. In other instances it may be found that the population are older residents, and less likely to have children in the household regularly. In 2012, the City installed a game trail camera to monitor the numbers, frequency and real-time use of a playground. This was found to be an effective way to support retaining this particular play area.

SECTION 5. ALTERNATIVES TO PLAY STRUCTURE COMPONANTS.

In instances where the public may not support the elimination of a playground per se, but full or partial replacement is not feasible, other actions can be taken to preserve space for children to engage in outdoor recreation without entirely new play structure components. Alternative play spaces however are best considered with appropriate public input. Residents may embrace for example, 'nature based' play areas made with trees, branches, boulders etc. which *may* be less expensive to install and maintain than traditional playground equipment. Pearson Park has elements like these, which are proven to be popular.

Figures 1-2: Nature-based play features at Pearson Park: *(left to right)* figure-eight stair stepping logs; sand and artificial turf surfacing, scattered 'tree cookies'

Another option to traditional playgrounds is converting parkland, including the former playground area, into naturalized landscapes, providing a different type of valued outdoor amenity.

Tree forts are almost a rite of passage for children, like this one in the wooded area of Ford Brook Park, or one below at Pearson Park manufactured from imported branches.

Ford Brook Park Pearson Park

Natural woods allow for the creation of lean-to's and stick forts as well as hide-n-seek games or self-guided exploration of these shady enclaves. In other neighborhood parks, it may even be appropriate to simply leave areas open, and available to make bicycle tracks in the soil with shovels and hand tools—another rite of passage for many children.

At parks where the landscape is be to converted from playgrounds (or turf), there should be a plan for both the conversion, but also the appropriate care and management which can be simple and less costly than some maintenance intensive formal playgrounds. Regardless of the type of alternative landscape, these areas are not to be left for weeds and invasive plants to become established—which can result in a degradation of the park or adjoining private lands.

SECTION 6. PLAYGROUND SURFACING.

The city of Ramsey primarily uses two different types of surfaces for its playgrounds— engineered wood fiber (known colloquially as wood chips) and pea gravel (reused seal coating rock). Both surfaces are considered safe as long as kept at a depth of at least twelve inches, though pea gravel may have concerns due to its shape, making it an attractive nuisance for young children to put in their mouth. Additionally, the surfaces —as well as rubber mulch—are desirable due to generally low upfront installation costs (with pea gravel being the cheapest), but require regular maintenance (raking and levelling to maintain a proper depth for cushioning falls but still remaining accessible) and need to be replaced roughly every five years. Funding for the reoccurring surface replacement could be from the Lawful Gambling Fund, instead of the General Fund as has been the case.

***Figures 3-4*: (*left to right*) engineered wood fiber (EWF); pea gravel**

SECTION 7. FUNDING SOURCES.

The *potential* funding sources for playgrounds and their replacement are many, including the Park Trust Fund, General Fund, the Capital Maintenance Fund, or even bonding—however, the most logical funding source may be the LawfulGambling Fund, which is proceeds the city receives from a tax on charitable gambling (pull tabs) in Ramsey. Pursuant to MN State Statute Chapter 349, the Lawful Gambling Fund monies may only be used for expenditures that primarily benefit youth in the community. The 2021 present fund balance is approximately $325,000.

SECTION 8. DEFINITIONS

- **Americans With Disabilities Act** or "ADA" refers to the civil rights legislation passed in 1990 that prohibits discrimination against individuals based on disability. Its provisions were updated in 2008 to include a larger number of people under the umbrella of 'disabled.' Pursuant to that law, the Department of Justice developed *Standards for Accessible Design* in 2010. Any playgrounds constructed or modified after March 15, 2012 are subject to the new standards. Examples of these standards include:
  a) Running slopes may have grades no steeper than 5% with cross slopes no steeper than 2%; slopes with grades larger than 5% must have handrails and landings
  b) An accessible route 60 inches wide with 80 inches of overhead clearance must be available
  c) Transfer platforms must be between 11 and 18 inches high with width and depth at least 24 inches and 14 inches, respectively; transfer steps may be no higher than 8 inches and should include handholds; a 30-inch by 48-inch space must be available adjacent to the transfer platform
  d) Elevated ramps connecting play structures must be no steeper than 8.25%, no longer than 12 feet, and at least 36 inches wide; they must contain handrails with spots for gripping between 20 and 28 inches off the ground; a 60-inch by 60-inch

landing area must be provided if the elevated ramp changes directions

e) Manipulative and interactive sensory and communicative components must have reach ranges of 18 to 44 inches for 5- to 12-year old children, and 20 to 36 inches for 2- to 5-year old children
f) At least 50 percent of elevated play components should be accessible; for play structures with more than 20 elevated play components, at least 25 percent should be accessible

- **Community Park** refers to a park with numerous amenities, such as athletic fields, meant to serve those from around the city as well as from neighboring communities. They are also considerably larger than neighborhood parks, (often 40 acres or more).
- **Neighborhood Park** refers to a park with fewer amenities, typically anchored by a small playground. They draw people mainly from the immediate neighborhood and accordingly, have smaller parking capacities. They are considerably smaller than community parks (generally 1 to 15 acres of developed area).

***Figures 5-19*: Playground Equipment: (*left to right, top to bottom*) transfer surface; spring rider; chain ladder; talk tube; spinner; track-ride; sandbox excavator toy; metal ladders; stepping pods; corkscrew climber; clatter bridge; belt bridge; globe spinner; climbing wall with rope; enclosed rope climber.**

SECTION 9. SCORING OF PARKS WITH PLAYGROUND EQUIPMENT

Playground	*Aging Score*	*Condition*	*Meets Density*	*Park Type*	*ADA*	*Trails /other Considerations*	*Safety Concerns*	*Total*
Rabbit	10	10	Y	15	10	5	30	*80*
Alpine	8	10	Y	25	10	0	0	*53*
Solstice	8	5	Y	15	0	0	15	*43*
Riverdale	8	5	Y	15	10	2	0	*40*
Central	8	5	Y	25	0	0	0	*38*
Peltzer	8	5	Y	15	0	5	0	*33*
Rivers' Bend	2	5	Y	25	0	0	0	*32*
Fox	8	5	Y	15	0	2	0	*30*
Emerald Pond	8	5	Y	15	0	1	0	*29*
Woodland Green	8	5	Y	15	0	0	0	*28*
Titterud	2	5	Y	15	0	5	0	*27*
Flintwood Terrace	2	5	Y	15	0	0	0	*22*
Ford Brook	0	5	Y	15	0	0	0	*20*
North Commons	0	0	Y	15	0	0	0	*15*
Pearson	0	0	Y	15	0	0	0	*15*
Autumn Heights	-	-	N	-	-	-	-	-
Shawn Acres	-	-	N	-	-	-	-	-

SECTION 10. PROPOSED TIMELINE OF PLAYGROUND REPLACEMENT

Playground	*Year*
Rabbit Park	*2022*
Alpine Park	*2023*
Solstice Park	*2024*
Riverdale Park	*2025*
Central Park	*2026*
Peltzer Park	*2027*
Rivers Bend Park	*2028*
Fox Park	*2029*
Emerald Pond Park	*2030*
Woodland Green Park	*2031*
Titterud Park	*2032*
Flintwood Terrace Park	*2033*
Elmcrest Park	*2034*
Ford Brook Park	*2035*
North Commons Park	*2036*
Pearson Park	*2037*

SECTION 11. PLAYGROUND DESCRIPTIONS

Alpine Park

Alpine is a larger community park located in central Ramsey along the south side of Alpine Drive, approximately 1 mile east of Ramsey Boulevard and 1/3 mile west of Sunfish Lake Boulevard. Park amenities include four baseball diamonds and batting cages, off-leash area, as well as a skate park. Its playground was completed in 2000. The playground uses engineered wood fiber for surfacing.

The playground consists of two components, a wooden swing set and a wooden composite play structure. The swing set has two sections, one section with a single plastic chair swing and the other section with two normal belt swings. The playground structure consists of one plastic slide with parallel ramps. A metal, vertically curved set of six parallel monkey bars is connected to the rest of the set via a low transfer surface. Opposite the monkey bars is a wooden ladder with two steps that connect to the rest of the structure.

There are five means of entry—the aforementioned transfer surface and ladder, a wooden staircase, a chain link ladder (with four parallel chains) with metal footings, a chain link ladder on the interior of the structure which three rubber tires serving as steps, and a wooden climbing wall (sloped roughly 60 degrees with the ground) with six wooden steps and a rope for balance. The bottom of the climbing wall is worn, likely due to use as an additional step. The protective covering on the rope is worn and the metal inside of the rope is exposed in places. The rope has also been stretched considerably.

The entire surface of the structure is wooden with the exception of a bridge, which has a rubber mat for a surface. The bridge is sloped slightly (less than 15 degrees) from one end to the other, however there are four peaks on the rubber surface with thin wooden planks on top. The rubber surface is somewhat worn and there are cross slopes in some places that are unrelated to the design. The chains for both ladders are in fairly good condition. The wood throughout the structure ranges from okay to poor condition visually. The wood on the supports for the tallest portion of the structure (i.e. the area withthe wooden climbing wall) is in the poorest condition with several of the planks making up horizontal and diagonal supports being splintered. The playground also has talk tubes (metal megaphone toys through which children may communicate with one another through opposite ends), which are both in good working condition.

***Figure 20*: Alpine Park Playground**

***Figures 21-23*: *(from left to right)* Splintered wood on horizontal and diagonal supports; Splintered wood on support for swing set; Worn rope covering on climbing wall**

Autumn Heights Park

Autumn Heights is a neighborhood park located in northwestern Ramsey at the intersection ofRabbit Street and Nutria Street, just east of Armstrong Boulevard and south of 173rd Avenue. Its playground was assembled by staff in 1985. Wooden timbers (6" x 6") bound the play area, with the play area not accessible via an ADA access path. The playground uses pea gravel for surfacing.

The playground consists of a single wooden play structure with a tire swing and a metal pull-up bar. The tire itself is in good condition, but the chain it is attached to is rusted and shows wear. The top surface of the play structure consists of five parallel wooden planks, all of which are loose (with the exception of the second-to-rightmost plank). There are two means of entry, neither of which are ADA-compliant. One is a ladder with two metal bars serving as steps. The other is a curved surface with narrow gaps for footholds, comprised of eight wooden planks, all of which are fully attached. The flat surface between this surface and the top surface (which is three inches above this surface) is comprised of six wooden planks (none of which are fully secured) perpendicular to those on the top surface and parallel to those on the curved surface. There is a single straight stainless steel slide, which is in fair condition, (however it is South facing, which is not desirable). *The terms of this Interim Playground Replacement Policy point to the playground components' removal, without replacement.*

***Figure 24*: Autumn Heights Park Playground**

Loral I Armstrong Delaney Central Park

Central Park is a 45-acre community park located at the intersection of Armstrong Boulevard and 161st Avenue. Park amenities include football fields, seven softball/baseball diamonds, two lacrosse/football/soccer fields, four tennis courts, and four horseshoe pits. Its current playground was constructed in 1998 as a community-built project. The playground uses pea gravel for surfacing.

The structure is largely wooden, but there are multiple plastic and metal components as well, such as two plastic slides—one enclosed and one open with three parallel tracks—and a plastic tunnel. The wood is in fair condition, but is exhibiting some wear and tear. There are two track-rides, one straight with a single track and one curved with five parallel tracks. The grip for the first track-ride is metal, with chipped paint, and the grips for the latter are plastic and are in good condition, albeit with slightly faded paint.

Linking the two track-rides is a series of four wooden transfer platforms. The topmost platform is accessible via a metal chain-link ladder as well as two parallel metal bars for climbing. Linking the track-rides and transfer platform between them with the rest of the playground structure is a series of seventeen arched plastic platforms. Additional means of entry include a rope climbing wall, metal ladder, a wooden climbing wall with a rope, a step with handrails for accessing a transfer platform, a corkscrew climber, and a wooden ramp.

Additional playground features include two playground excavator toys, two spinners, and a balance beam. Overall, the playground is in fair condition, but the wooden components are worth monitoring.

***Figure 25*: Central Park Playground wide shot; *Figures 26-27*: (*left to right*) seventeen curved platforms; several means of entry, including a metal ladder, a wooden climbing wall with a rope,**

a corkscrew climber, and a step with handrails

Elmcrest Park

Elmcrest is a large community park located in east-central Ramsey, west of State Highway 47 / Saint Francis Boulevard and south of 167th Avenue along Quicksilver Street. Park amenities include twelve soccer fields. Its playground was erected in 2015, the year after the adjacent park building was completed. The playground uses engineered wood fiber for surfacing.

The farm-themed playground features a main playground structure, a swing set with two bucket swings, a play barn, two spinners (one globe spinner), two chicken sculptures and one bee sculpture for climbing. The main play structure contains an obstacle course with a rope ladder, four angled platforms securedinto the ground by a chain, a curved metal bar with four ropes crossing one another for balancing, aset of inclined monkey bars comprised of three rings forming six handholds, and five stepping pods. Additionally, the playground has three zigzagging slides and five means of entry– one transfer surface, two platforms forming a quasi-staircase, a ladder consisting of three platforms, an enclosedchain-link ladder with five metal semicircular footholds, and a climbing wall with slots cut out for footholds. All components of the playground are in excellent condition.

***Figures 28-31*: (*clockwise from the top left*) main play structure; chicken sculpture, bee and flower sculpture, swing set with bucket swings, and play barn**

Emerald Pond Park

Emerald Pond is an approximate 14-acre neighborhood park in southeastern Ramsey, located east of CSAH 57 / Sunfish Lake Boulevard, north of CSAH 116 / Bunker Lake Boulevard, and south of Alpine Drive. Park amenities include a single baseball diamond and a soccer field, a pergola with fountain, as well as a basketball hoop in the parking lot. Its playground was built in 1997. The playground uses pea gravel for surfacing.

Emerald's playground consists of three components—a seesaw spring rider, a swing set, and a large composite play structure. The seesaw's surface is well-worn from use, with paint chipped and metal beginning to rustin some places, but it is still functional. The swing set is mostly in good condition, albeit with someof the chains exhibiting rust. The swing set consists of three bays, two with two belt swings each, and the third with two bucket swings.

The play structure consists of eight means of entry—a curved metal ladder with eight semi-rectangular rungs; a pair of transfer platforms next to a clatter bridge; another transfer platform on the opposite side of the clatter bridge; a chain-link ladder with three rungs for footholds and two curved metal bars for handholds; a corkscrew climber; two sets of wide metal ladders with two footholds each and two semicircular bars (opposite one another) each; and a narrow staircase with three steps and two curved metal bars for handholds.

Additionally, it features five slides—one short straight slide with two parallel tracks, one straight slide with a single hump in the middle, one short curved slide rotating 90 degrees, one curved slide rotating 360 degrees, and one enclosed zig-zagging slide. The enclosed slide has drainage issues, with water occasionally pooling at the bottom, but this does not pose a safety issue. All of the slides are in good condition otherwise. The other plastic components—two tunnels, two interactive sensory components with 3 x 3 rotatable blocks with letters on them, most of the guardrails, and a roof—are in good condition.

Adjacent to the clatter bridge is a set of flat monkey bars with a curved path. Two of the metal shafts in adjacent sections of the monkey bar structure are not completely flush, which is not a safety issue in and of itself, but should be repaired outside of a full playground replacement. On the opposite side of the playground structure, there are two sets of monkey bars as well as a track-ride, linked together by a triangular transfer platform. One of the sets has flat bars while the other has six rings suspended by short chains, the latter linking the former as well as the track-ride with the rest of the play structure.

***Figure 32*: Emerald Pond Park Playground (looking northeast)**

***Figure 33*: Emerald Pond Park Playground (looking west)**

***Figure 34*: Section of monkey bars with minor misalignment**

***Figure 35*: Seesaw spring-rider**

Flintwood Terrace Park
Flintwood Terrace is a neighborhood park in southeastern Ramsey, located west of MN 47 / Saint Francis Boulevard, north of CSAH 116 / Bunker Lake Boulevard, and south of CSAH 5 / Nowthen Boulevard. Its playground was completed in 2004. The playground uses pea gravel for surfacing.

The playground consists of three components—a swing set, a small play set, and a large play set. The swing set has three bays—two with two belt swings each, and one with two bucket swings. The small play set has two slides—one straight with two parallel tracks and one curved 90 degrees—as well as a staircase and two opposing handrails for entering the structure.

There are five different ways one can enter the main structure—a staircase, a metal ladder with five alternating semicircular rungs forming ten footholds, a curved metal ladder with four semi-rectangular rungs, a chain-link ladder with six rungs, and a corkscrew climber. The main play set has five slides—a straight slide, a straight slide with a hump, a straight slide with two parallel tracks, a curved slide rotating 90 degrees and a curved slide rotating 360 degrees. Linking the different elements of the structure are two bridges—a clatter bridge and a belt bridge—and a plastic tunnel. Additionally, there is a track-ride and two sets of monkey bars. One set of monkey bars has seven upwardly curving bars, while the other has seven rings suspended by chains. Overall, the playground is in great condition.

***Figures 36-37*: Flintwood Terrace Park Playground (*looking east and west, respectively*)**

Ford Brook Park
Ford Brook is a neighborhood park in northeastern Ramsey located north of CSAH 27 / 179th Lane, east of MN 47 / Saint Francis Boulevard, and one mile west of the entrance to Rum River Central Regional Park along CSAH 7 / 7th Street. Its playground was constructed on site in 2020, as a 'gently used' replacement sourced from the county park to the east, with monies from the Lawful Gambling Fund. The playground uses engineered wood fiber for surfacing.

The playground consists of two distinct play structures, a balance beam, as well as a swing set with two separate bays—one with two belt swings, the other with a bucket swing and a chair swing. The first playset contains two curved plastic tunnels—one with two sections fastened together and the other with six sections; three slides—each straight with two parallel tracks, but one with a hump and a dip on respective track; and three means of entry—a stair case with metal bars for handholds, a chain-link ladder, and a corkscrew climber.

The other playset has three main means of entry—a staircase and two metal ladders—and two slides—one straight, the other enclosed and rotating 360 degrees. It also features an obstacle course consisting of three platforms connected to metal poles, a track-ride, a pull-up bar, and a log roll.

***Figures 38-39*: Ford Brook Park Playground, facing southeast and southwest, respectively**

Fox Park

Fox Park is a small neighborhood park in northeastern Ramsey, with a single tennis court and adjoining wetland boardwalk. It is located along Potassium Street,east of MN 47 / Saint Francis Boulevard, north of 167th Avenue and south of Green Valley Road. Its playground is 1994 in vintage. The playground uses pea gravel for surfacing.

The playground is composed of two components, a swing set and the main playground structure. The swing set is divided into two sections, one with two tot swings and one with two normal sbelt wings.

The main playground has three means of entry—one transfer surface, one chain link ladder with metal steps, and one corkscrew climber—and three slides—one straight slide with two parallel tracks, one straight slide with a hump, and one curved slide that turns 180 degrees. Different components of the structure are connected by one plastic tunnel and one upwardly curving belt bridge. Lastly there is a set of monkey bars with seven bars that curl upwards, as well as a track-ride. All playground components are in good condition.

***Figure 40*: Fox Park Playground**

North Commons

North Commons is a neighborhood park in southern Ramsey, at the northern border of The COR (the city's downtown), located north of CSAH 116 / Bunker Lake Boulevard and between CSAH 83 / Armstrong Boulevard and CSAH 56 / Ramsey Boulevard. Its playground was built in 2012. The playground uses engineered wood fiber for surfacing. Overall, the playground is in excellent condition.

The playground consists of four components—the main playset with an attached climbing wall and monkey bars, a metal swing set, and two spinners (one globe spinner). The swing set has two bays, one for bucket swings and one for belt swing, with each bay containing two swings each. The main play set has three slides—one short and straight near the bottom, two long and winding near the top of the structure. One of the longer slides zig zags while the other turns 360 degrees. There are six points of entry—one transfer surface; one chain-link ladder; one ladder with circular footholds rotated 90 degrees from one another; three stepping platforms; a ladder with two flat platforms directly on top of one another; and the monkey bars.

The monkey bars consist of five triangular bars. The climbing wall is plastic with nine holds on the front side and seven holds on the back side and a hole near the bottom of the wall (on the right side when viewed from the front) that can serve as a hand hold or foot hold. The top portion of the structure is accessible via two separate ladders made from walls with two slots cut out for foot holds. The bottommost of these ladders may have accessibility concerns—although one can use the guardrails as handholds, there is not a lot of room to maneuver through the opening.

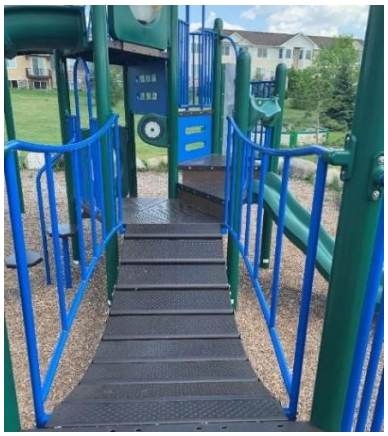


***Figure 41*: North Commons Park Playground wide shot; *Figures 42-44*: (*left to right*) bridge connecting to upper portion of the playground structure, ladder in the background, climber with five orthogonal rings; monkey bars and climbing wall**

Pearson Park
Pearson Park is the city's smallest neighborhood park in southwestern Ramsey at less than an acre, located along Rabbit Street, north of U.S. 10 and Bunker Lake Boulevard, and south of Alpine Drive. Its playground was built in 2018.

The Pearson Park playground is a nature-based play area. Most of its components are made from minimally-processed naturally occurring materials. The structural supports holding up the main play area are made from Tamarack logs, and the guardrails are logs cut into thin sheets. Another play feature, locatedon a hill to the north of the main playground structure, consists of short 'stepper' logs arranged in a figure-eight shape. Adjacent to the figure-eight feature is a ring of seven rocks with flat surfaces known as the Story-circle. Being Ramsey's first nature-based playground, it is unique within the city in a numberof ways. It utilizes both sand and artificial turf for surfacing, and also has three maple trees planted within the sand the play area for shade. Moreover, it has cut pieces of logs scattered throughout the play surface. All of the logs are from tamarack trees sourced from northwest of Duluth, Minnesota.

The playground includes a $35,000 long stainless steel slide (enclosed near the top, but open near the bottom) that bends slightly near the middle. The main point of entry is a wooden bridge accessible via a concrete sidewalk. The other three means of entry are a thin wooden climbing wall (background of *Figure 15*) and two rope climbing structures. The larger one lines the southeast corner of the playground structure, while the smaller rope structure is located in the center. An octagonal opening in the wooden deck of the playground structure allows one to enter via the smaller rope structure. The smaller rope structure is enclosed and also has large curved footholds for ease of use. All playgroundcomponents are in near-new condition.

***Figures 45-46*: *(left)* Pearson Park Playground *(not pictured: bridge)*; *(right)* Bridge**

Peltzer Park
Peltzer is a neighborhood park located in southern Ramsey, east of CSAH 56 / Ramsey Boulevard and north of CSAH 116 / Bunker Lake Boulevard. Its playground was built in 1995 andhas an ADA accessible by trail. The playground uses pea gravel for surfacing. The playground consists of three main components—the main play structure, a swing set, and a spring rider.

The spring rider is in fair condition, though its paint is faded and some of the metal is in the initial stages of rust formation. The swing set consists of two bays with two swings each; one bay contains belt swings and the other contains bucket swings. The swings are all in good condition.

The play set contains four slides—two straight slides on the east side of the structure (one of which has a hump and the other of which has two tracks) and two slides on the west side (one enclosed and one curved 360 degrees). There are seven points of entry—one transfer surface and staircase on the southern end of the playground; one transfer surface at the end of a track-ride; five stepping platforms; one chain-link ladder with a curved metal handrail; one curved ladder with four semi-rectangular footholds; one straight ladder with five footholds; one corkscrew climber. There are also two plastic tunnels—one with a single 90-degree turn and one with two 90-degree turns.

Overall, the playground is in fair condition. The paint on the plastic components has faded and the wood on the decks and supports is slightly worn but the playground is structurally in working condition.

***Figure 47-48*: Peltzer Park Playground (*facing North and Southeast, respectively*)**

Rabbit Park

Rabbit is an approximate 5-acre neighborhood park located in northwestern Ramsey along Rabbit Street, roughly 2/3 of a mile east of CSAH 83 / Armstrong Boulevard and 1/5 mile north of 173rd Avenue. The park meets density requirements for replacement consideration, but is not as visited as most parks in the system. Its playground was placed in 1997, however some of the equipment had been previously used elsewhere and is now more than 30 years old. The playground uses pea gravel for surfacing.

The playground consists of four components: a wooden-pole swing set with two belt swings, two separate play structures, and a metal slide atop an artificial mound. On one play structure, there are two slides—one curved and one straight—one transfer surface and one stationary metal ladder for entry, a roof over the top of the play structure, and an interactive sensory component.

The other play structure has two slides (one enclosed), three means of entry—one transfer surface, one chain-link ladder, and one-metal ladder—and a track-ride. The transfer surface steps are narrow and steep, and appear to not be ADA compliant. The chains for both swings are also worn and/or surface rusted. The playground is not accessible via an ADA trail.

***Figure 49*: Rabbit Park Playground**

Riverdale Park

Riverdale is a neighborhood park located in southern Ramsey along Riverdale Drive (just southof U.S. 10) between CSAH 56 / Ramsey Boulevard and CSAH 57 / Sunfish Lake Boulevard. Its playground was built in 1991, and one of the few in Ramsey that was funded by Tax Increment Financing (when that was permitted). The playground uses pea gravel for surfacing. An interesting aspect of this park, is it's location along the National Mississippi River Trail, and it's connection to the nearby Regional Park

The playground consists of three main components—two distinct play structures and one swing set—as well as four other components—a concrete camel sculpture, an excavator toy, and two spring-riders (one in the shape of a horse, the other in the shape of a bulldozer. The four components are in fair condition (however the concrete sculpture does have small cracks). The swing set has two bays with two swings each (two bucket swings and two belt swings in separate bays). The two talk tubes linking the two main play structures are deteriorating.

The smaller play structure consists of two points of entry—a transfer surface and a staircase, both with handrails—and two slides—one with two parallel tracks and one with a hump. One of the transfer surfaces is connected to a trail via a series of mats laid on top of the pebbles that comprise the playground surface. The top of the structure contains a house-like feature with two walls (each with a window), a bench, and a table. There is also a steering wheel and an interactive sensory component where children can customize animals by rotating nine blocks in a 3 x 3 grid, attached to three parallel bars. A similar sensory component is located at the bottom of the structure.

The larger play structure has a corkscrew climber and two slides—one straight with a single hump and one curved 360 degrees. Additionally, there is a set of monkey bars with eleven straight bars and a track-ride. Both are in good condition, though there is a small area on the grip for the track-ride with chipped paint. The transfer surfaces are in good condition but there are some accessibility concerns. The play set is not accessible via a flat surface and the transfer platforms are spaced vertically from one another by 18 to 24 inches. The six transfer surfaces are triangular and arranged together in a hexagonal shape with the last three being level with one another, forming a trapezoid. This top platform is alternatively accessible via a ladder formed by three slots cut into a wall, which is supplemented by two handholds. Even with the handholds, there are still accessibility concerns.

***Figure 50*: Riverdale Park Playground**

***Figures 51-52*: Transfer Surfaces on the Larger Playground at Riverdale Park (*note that the picture on the left is part of a vertical panorama and is compressed vertically and angularly distorted*)**

Rivers' Bend Park

Rivers' Bend is a 60-acre community park along the Rum River located in southeastern Ramsey, east of MN 47 / Saint FrancisBoulevard and straddling CSAH 116 / Bunker Lake Boulevard, though the playground is to the north. Park amenities include four tennis courts, one softball diamond, one soccer field, and a basketball hoop in the parking lot. Its playground was last replaced in 2001. The playground uses engineered wood fiber for surfacing, which occurred recently in 2020. The playground has seven components—the main play structure, a swingset, a set of four stepping pods (one in the middle and three surrounding the middle 180 degrees from one another), a dolphin-shaped spring rider, two "houses," and a tic-tac-toe board.

The two play houses are mirror-images of one another, each consisting of two plastic walls held togetherby three wooden posts. The walls facing each other both have a small window with a 3 x 3 pattern as well as a bench below the window. The other two corners of each of the houses are open. The houses are both in good condition. The swing set has two bays, one with two bucket swings and onewith two belt swings. The entire structure is in good condition. The paint on the dolphin spring-rideris chipped and the concrete base is worn, but it is otherwise in good condition.

The main play structure is a mix of plastic (slides, tunnels, roofs, and sensory components), metal (transfer platforms, some guardrails and supports), and wood (most platforms and supports).Visually the playground is in great condition, besides some faded paint and mud on the side of someof the plastic components. The main play structure has six entrances—two transfer surfaces, one chain-link ladder, one metal ladder with four alternating semicircular rings forming eight footholds,one metal ladder with four flat rungs, and one corkscrew climber. The main play structure also consists of five slides—one straight enclosed slide, one curved enclosed slide rotating 360-degrees,one straight slide with two parallel tracks, one straight slide with a hump, and another curved slide rotating 360-degrees. Additionally, there is a set of monkey bars with seven round rings. Tying the structure together are a clatter bridge, a belt bridge, and two tunnels each with two 90-degree turns.

The play structure also has four interactive sensory components—a board with letters on it, an abacus, a tic-tac-toe board (similar to the one outside of the main play structure), and a toy similar to the tic-tac-toe boards but with numbers painted on them.

***Figure 53*: Rivers' Bend Playground**

Shawn Acres Park

Shawn Acres is a neighborhood park located in a low-density area in northern Ramsey along Chameleon Street, 1/5 mile north of 173rd Avenue, and west of Thorn Lake. Its playground was placed there before 1980, and it is believed that it was used components at that time. The playground consists of three separate small elements: a rusted metal-pole swing set with three swings, a stand-alone metal slide, and a parallel set of metal bars akin to monkey bars without rungs. The paint on each of three components is peeling. Two of the three swings are inaccessible to younger children and those with mobility limitations without the help of an adult. The slide is also inaccessible to those with mobility impairments. The playground is not ADA compliant, nor does it have resilient surfacing, and has limited or low 'play value'. *The terms of this Interim Playground Replacement Policy point to the playground components removal, without replacement.*

***Figure 54*: Shawn Acres Park Playground**

Solstice Park

Solstice is a neighborhood park located in southeastern Ramsey at the end of Erkium Street, 1/5 mile east of CSAH 5 / Nowthen Boulevard and ¼ west of MN 47 / Saint Francis Boulevard viaSunwood Drive. The park has a grass infield softball field, and misting station adjacent to the play structures. Its playground was built in 1995, following input on the design by the new neighbors. Originally red in color, some of the components have faded to pink, showing their 26 years of service. The playground uses pea gravel for surfacing, within the boulder containment system.

The playground is composed of four components—a composite play structure with monkey bars and track-ride attached to the end, a swing set (containing three bays with two swings each), a climbing structure in the shape of a Stegosaurus dinosaur, and a sandbox excavator toy.

There are two curved slides, the shorter one turning 90 degrees and the longer one turning 360 degrees. There is a third straight slide. All of the slides are in good condition, however there are scratch marks in several places.

There are three main points of entry for the main composite playground structure—one transfer surface / staircase, one metal ladder curving upwards then horizontally, and one chain link ladder. Additionally, a corkscrew climber can be used for entry. Transfer platforms serving the monkey bars can also serve as a means of entry. There is a tunnel linking different parts of the structure that is in fair condition.

The sandbox excavator like many, due to their popularity, is in poor condition with paint chipped and metal rusted in several places. The swing set has three sections, divided by supports with two legs each, with two swings per section. One of the sections has two tot, bucket swings. All of the swings are in good condition. The monkey bars, comprised of nine triangular metal rings, are in good condition, as is the track-ride, though there is chipped paint in one place. There are two miscellaneous interactive sensory components, a tic-tic-toe board and a steering wheel, both of which are in good condition. Finally, there is a pull-up bar and talk tubes, both of which are in fair condition.

The dinosaur-shaped climbing structure has a spine of parallel metal bars with 17 rectangular ‘ribs’on the underside for climbing, linking the two bars. On the top there are 12 pentagonal scales on alternating sides of the spine for climbing. The structure is held up by four of the Stegosaur’s legs. All components of this structure are in good condition.

***Figure 55*: Solstice Park Playground**

Titterud Park

Titterud is a neighborhood park in central Ramsey along CSAH 56 / Ramsey Boulevard, just south of the intersection of CSAH 5 / Nowthen Boulevard. There is a single softball field at the park, and the playground was replaced in 2005, and located entirely within the pastoral Bur Oak stand. The playground uses engineered wood fiber for surfacing, with two separate boulder borders. One unique element is the porous ADA concrete sidewalk connecting the parking lot, which allows precipitation and air to reach the tree's rooting zone beneath.

There are three areas for playing—one with the main play set, one with a swing set and two pieces of equipment for bouncing, and an empty sandbox (with pea gravel for surfacing). The bouncing equipment is in good condition. One consists of a spiral pole with a singular platform from bouncing and the other is in the shape of a ring, allowing for two children to take turns jumping and launching the other upward.

The swing set is made of wooden posts and a metal crossbar, and has two belt swings.
The main structure is largely wooden, but with metal guardrails and a single plastic slide with three parallel tracks and a plastic tunnel. The main means of entry is a transfer platform and staircase. Another entrance is via a gray plastic rock climbing wall attached to a series of twelve green arched climbing platforms arranged in circular patterns. Adjacent to this is a rope climbing ladder with four parallel ropes at the top for handholds. On the opposite end of the playground structure is another means of entry—a ladder consisting of seven rungs and another ladder connected at a 135-degree angle with four rungs. The fifth and sixth means of entry are a narrow ladder with a rope for balancing, and a corkscrew climber. One of the boards on the transfer surface was recently replaced, with the structure in overall in good condition.

***Figure 56*: Titterud Park Main Play Area**

***Figure 57*: Titterud Park Secondary Play Area**

Woodland Green Park

Woodland Green is a neighborhood park in eastern Ramsey located east of MN 47 / Saint Francis Boulevard and north of Alpine Drive. Amenities include a single soccer field, and a hexagonal shelter in proximity to the playground, which was replaced in 1998. The playground uses engineered wood fiber for surfacing, with a timber border.

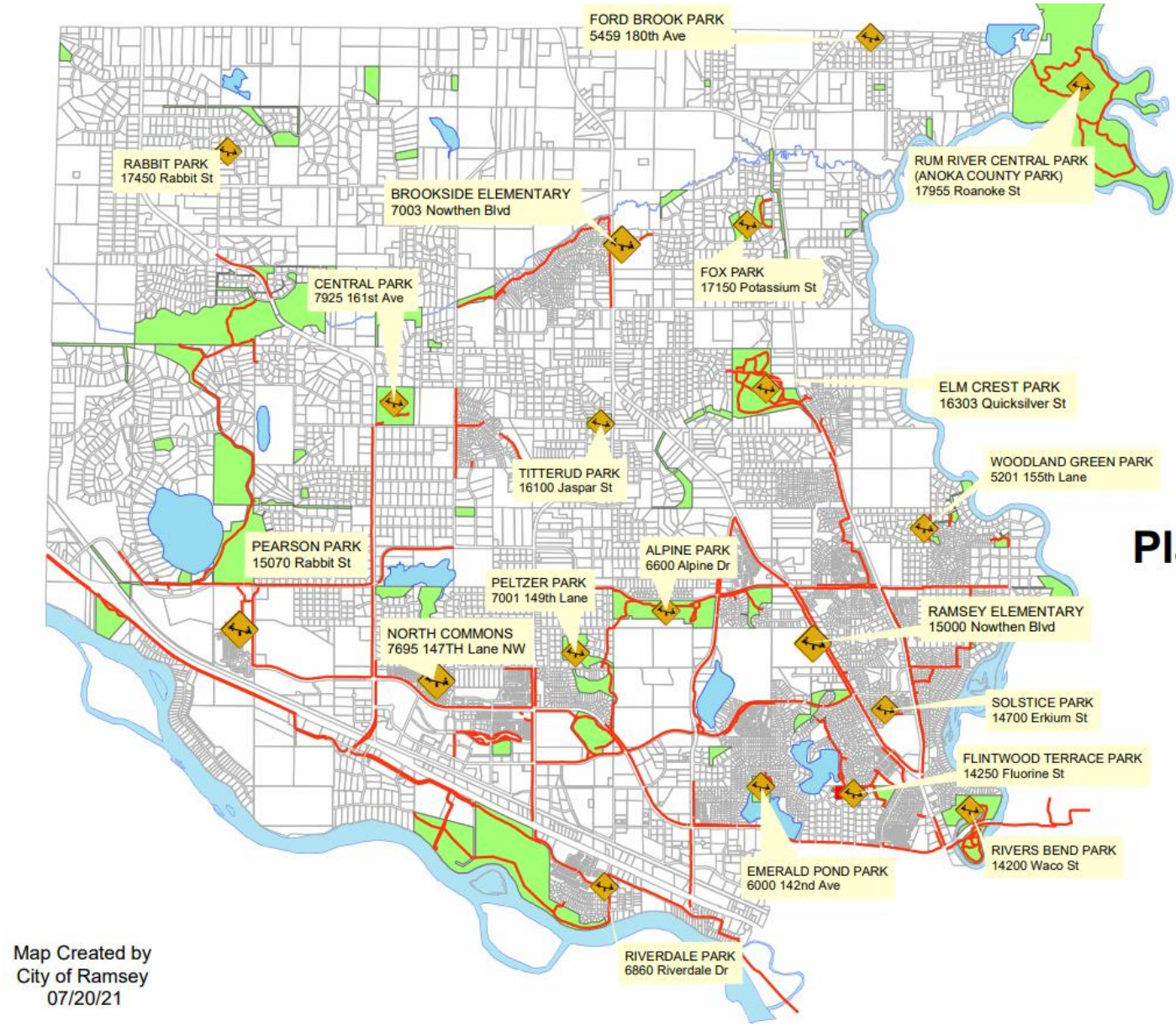
The playground features four components—the main structure with an attached jungle gym, a swing set, and two spring riders (both of which are in good condition). The swing set, consisting of two bays with two belt swings and two bucket swings in the respective bays, is in fair condition, though the crossbar is beginning to rust.

The main play structure has two curved slides, one with parallel tracks and curving roughly 45 degrees and another slide (longer than the first) zigzagging, but curving roughly 45 degrees as well. There are six means of entry, the main one being a transfer surface and staircase. There are three metal rope-like ladders—one enclosed with a metal ring on top, one with two parallel metal bars on the sides, and one with a single climbing track. A fifth means of entry is a green plastic climbing structure adjacent to the longer slide. A sixth possible method of entry is the jungle gym attached to the main structure. It also consists of a rope climbing wall, a set of monkey bars made up of five rings each attached to the end of a chain, a pull-up bar, and a set of monkey bars with three tilted, rotating, circular handholds. The second set of monkey bars is slanted. The jungle gym and main playground structure are both in good condition.

***Figures 58-59*: Woodland Green Park Playground (looking east and west,respectively)**

APPENDIX

Example of Public Engagement re 2020 Playground replacement



City of RAMSEY

N
W E
S

Playground Finder Map

Legend

Play Equipment

Trails

Parks

Lakes & Ponds

Map Created by
City of Ramsey
07/20/21

Ideas? Questions?

CITY OF RAMSEY
763-433-9883

Solstice Park's Play Structure — safety inspections, maintenance labor and repair expenses

Safety inspections, minor labor/repairs in first 15-20 years of playgrounds, approximately $784 annually.

After useful life period, $784 + $2,860 in labor costs annually (approximated).

The above does not include playground 'weeding' or vandalism expenses, nor resilient surfacing replacements.

1995 '96 '97 '98 '99 2000 '01 '02 '03 '04 '05 '06 '07 '08 '09 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

|----------Assumed Useful Life ----------|

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Address infrastructure needs.

Title:

Adopt Resolution #25-018 Accepting Bids and Awarding Contract for Fox Ridge Estates 1st & 2nd Street Reconstructions, Improvement Project #24-13

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #25-018 awarding a contract for Fox Ridge Estates 1st & 2nd Street Reconstructions, Improvement Project #24-13.

Background:

The 2025 – 2034 Capital Improvement Program (CIP) identifies the streets within the Fox Ridge Estates 1st & 2nd subdivision for street reconstruction in 2025. A street segment summary for this project is attached to this case.

Project History

- 2024 – 2033 Capital Improvement Program – listed as street reconstruction for 2025.
- June 13, 2023, Resolution #23-130, the Ramsey City Council accepted proposals for topographic survey of the project area
- June 27, 2023, Resolution #23-129, the Ramsey City Council accepted proposals for geotechnical report of the project area.
- October 10, 2023, Resolution #23-253, the Ramsey City Council accepted proposals for cleaning and televising of storm sewer pipes within the project area.
- May 8, 2024, Resolution #24-126, the Ramsey City Council ordered plans and specifications for said improvements.
- September 18, 2024, Ramsey Staff held a public open house for said improvements.
- October 15, 2024, the Ramsey Public Works Committee recommended the City Council approve plans and authorize advertisement for bids for said improvements.
- November 12, 2024, Resolution #24-316, the Ramsey City Council approved plans and specifications and authorized advertisement for bids for said improvements.
- January 13, 2025, bids were publicly opened.
- January 21, 2025, the Ramsey Public Works Committee recommended the City Council award a contract to Douglas-Kerr Underground, L.L.C. per their lowest responsible bid for said improvements.

Existing Conditions

The streets are generally 31 feet wide urban section including bituminous curbing, totaling 2.16 miles in length. Traffic counts have not been taken, but Staff anticipates slightly higher than typical neighborhood traffic due to the location of the subdivision, and the possible thru traffic for subdivisions to the west. Fox Park is located on the west side of Potassium Street. Trott Brook Cemetery is located between the northeast corner of Potassium Street and TH 47. Neither the existing park or cemetery are large of enough facilities to increase traffic above normal.

Municipal sewer and water do not exist in the project area, and utility extensions to the area are not proposed. Storm sewer runoff is handled by storm sewer inlets and piping, which generally carries stormwater to the existing wetlands in the center of the subdivision. A mix of concrete storm sewer piping (RCP), generally found along Potassium Street, and corrugated metal storm sewer piping (CMP) was found. The RCP was found to be in good condition, and is generally proposed to stay in-place. The CMP was found to be in poor condition and is

proposed replaced with RCP.

Pavement History

The streets within Fox Ridge Estates 1st & 2nd subdivision were built in 1991. The street received crack seal / seal coat improvements in 1996 and 2007. Public Works Staff has performed patching over the last several years. In 2023 several intersections were included in the high priority mill and overlay improvements, in 2024 the streets were included in the skim patching project.

GPR was performed on the streets in 2020, at that time the street averaged 2.5 to 2.9 inches of bituminous over 3.3 to 4.2 inches of aggregate base. Due to the skim patching, an additional 0.5 to 0.75 of bituminous covers the streets.

Proposed Improvements

Staff review of the geotechnical report found generally sandy subsoil make up approximately two-thirds of the roadway embankment. The eastern and northern portion of the project will require subsoil corrections due to silt and clay within the roadway embankment. The subsoil corrections will be addressed by placing a 1-foot sand section on top of geotextile fabric.

This method, which has become the typical soil correction section used on City projects, also requires drain tile to be placed on top of the fabric, to properly drain the pavement section. Staff observes the subgrade material as it is being excavated, and can adjust the subsoil correction areas based on conditions found in the field.

The bituminous curbing is proposed to be replaced with surmountable concrete curb and gutter. At driveways, a curb cut similar to what is typically placed in B-Style curb will be placed, to avoid high transition from the roadway to driveways. A review of the existing storm sewer was performed, and the existing storm sewer inlet locations are not proposed to change, though structures will be replaced as necessary. Where storm sewer outlets to the wetlands are located at the top of slope, the project is proposing to extend the outlets as close to the normal water level as practical, this will reduce erosion issues.

Restoration of the impacted boulevard areas will include a minimum of 4-inches topsoil and hydroseed with a residential turf seed mix. Though the pavement is generally going back to the same location and elevation, driveway aprons will be replaced to match into the new bituminous pavement as minor changes will occur. In general, driveway aprons will be going back 6 feet to tie the driveways into the new curb and gutter.

At the request of the Parks Department, the project includes creating parking stalls at the northeast corner of Potassium Street for future access to the Trott Brook Cemetery. A curb cut will be installed, but a trail or drive to the cemetery is not proposed with this project. The parking stalls and future access are located at City-owned property.

Preliminary Schedule Remaining

- Council Awards Contract to the Lowest Responsible Bidder
  - January 28, 2025
- Contractor Begins Construction
  - Spring 2025
- Contractor Substantially Completes Construction
  - New bituminous pavement in-place, topsoil and seed in-place
  - August 2, 2025
- Contractor Final Completion
  - Verify final restoration; punch list created
  - August 30, 2025

The proposed improvements are designated as City Improvement Project #24-13, Fox Ridge Estates 1st & 2nd Street Reconstructions.

Notification:

If Council accepts the bids and awards a contract for construction of the improvements, letters will be mailed to property owners with updates on the project status. Engineering Staff maintains City Improvement project webpages with the most current project information.

Time Frame/Observations/Alternatives:

Timeframe:

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

Alternatives:

Alternative #1 - Motion to adopt Resolution #25-018 awarding a contract for Fox Ridge Estates 1st & 2nd Street Reconstructions, Improvement Project #24-13.

Alternative #2 – Motion of other.

Funding Source:

Funding for this improvement is proposed to come from Pavement Management Funds and Stormwater Utility Funds. Additionally, Park Funds are proposed to pay for the Trott Brook Cemetery parking stalls.

Bids were advertised in the Anoka Union Herald on November 15 and November 22, 2024. On January 13, 2025 a total of ten (10) bids were received, opened, and tabulated, and the following bids were found to comply with the advertisement for bids.

Contractor	**Total Bid**
Douglas-Kerr Underground, L.L.C.	$2,099,737.06
Omann Brothers Paving, Inc.	$2,149,278.23
GMH Asphalt Corporation	$2,157,452.85
North Valley, Inc.	$2,353,159.87
Park Construction Company	$2383,538.31
Asphalt Surface Technologies Corp.	$2,421,645.33
Northwest	$2,582,984.89
Valley Paving, Inc.	$2,608,388.50
S.M. Hentges & Sons, Inc.	$2,665,000.00
Bituminous Roadways, Inc.	$3,075,383.75
Engineer's Estimate	*$2,473,083.00*

The bid of Douglas-Kerr Underground, L.L.C. of Mora, Minnesota, in the amount of $2,099,737.06 for the total bid of said improvements in accordance with the approved plans and specifications and advertisement for bids, is the lowest responsible bidder. Adding indirect costs in the amount of 23-percent brings the total project costs to $2,582,676.58

The low bid is 15-percent lower than the engineer's estimate, primarily due to lower than anticipated removal and excavation costs.

Funding Source Breakdown:

Funding Source	**Construction Costs**	**Indirect Costs**	**Total Costs**
Pavement Management Funds	$1,881,935.13	$432,845.07	$2,314,780.20
Storm Sewer Utility Funds	$206,767.33	$47,556.49	$254,323.82
Park Funds	$11,034.60	$2,537.96	$13,572.56

Project Total	***$2,099,737.06***	***$482,939.54***	***$2,582,676.58***

The CIP level estimate had a total estimated project cost of $3,024,546, which includes street costs of $2,630,040 and storm sewer costs of $394,506. The final project costs may change depending upon actual construction quantities.

Bolton & Menk submitted a proposal for construction staking and as-built survey of the proposed improvements for a total not-to-exceed amount of $52,844.00. The construction staking and as-built survey are included in the indirect project costs.

City staff proposes to administer and inspect construction. Plans and specifications were prepared in-house as part of staff's normal duties.

Recommendation:

The Ramsey Public Works Committee reviewed these improvements and bid results on January 21, 2025. The Committee recommended City Council accept the bids and award a contract to Douglas-Kerr Underground, L.L.C. per their bid.

Staff recommends Alternative #1.

Outcome/Action:

Motion to adopt Resolution #25-018 awarding a contract to Douglas-Kerr Underground, L.L.C. in the amount of $2,099,737.06 for Fox Ridge Estates 1st & 2nd Street Reconstructions, Improvement Project #24-13.

Attachments

24-13 Final Plans

24-13 Street Summary

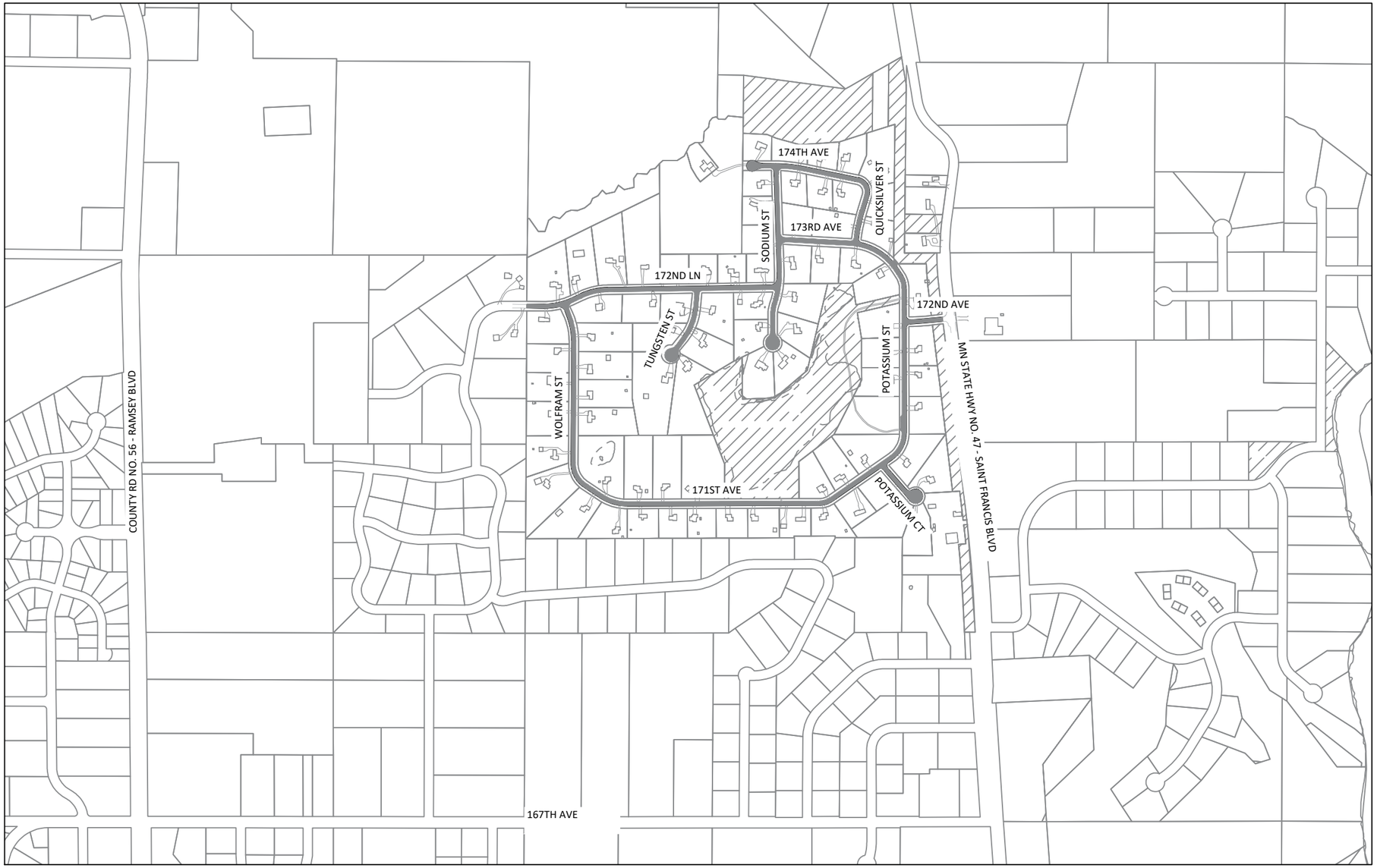
Res 25-018

24-13 Construction Staking Proposal

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/23/2025 10:04 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Joe Feriancek		Started On: 01/13/2025 01:26 PM
Final Approval Date: 01/23/2025		

CITY OF RAMSEY
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY IMPROVEMENT PROJECT NO. 24-13



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SCALE (FEET)

N

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

Call before you dig
811
651 454-0002 Metro
800 252-1166 Outstate
www.gopherstateonecall.org

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" 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 77 SHEETS

SHEET No.	DESCRIPTION
01	TITLE SHEET
02	STATEMENT OF ESTIMATED QUANTITIES
03	ALIGNMENT LAYOUT
04	TABULATIONS
05	TYPICAL SECTION
06 - 07	CITY DETAILS
08 - 13	MNDOT PEDESTRIAN RAMP DETAILS
14 - 15	SWPPP
16 - 24	EROSION CONTROL
25 - 33	REMOVALS
34 - 50	STREET CONSTRUCTION
51	STORM SEWER PROFILES
52 - 77	CROSS SECTIONS

LEGEND

- SANITARY MANHOLE
- STORM SEWER MANHOLE
- CATCH BASIN MANHOLE
- CATCH BASIN
- CULVERT END SECTION
- HYDRANT
- VALVE
- TREE - CONIFEROUS
- TREE - DECIDUOUS
- SHRUB
- LIGHT POLE
- SIGN
- MAILBOX
- PEDESTAL - TELECOM
- PEDESTAL - ELECTRIC
- HAND HOLE
- BITUMINOUS PAVEMENT
- DRIVE - BITUMINOUS
- DRIVE - CONCRETE
- DRIVE - GRAVEL
- CONCRETE WALK
- VALLEY GUTTER
- SEEDING AREA
- MILL & OVERLAY BITUMINOUS PAVEMENT
- CURB & GUTTER
- SAWCUT FULL DEPTH
- FULL-DEPTH RECLAMATION
- REMOVE PAVEMENT BITUMINOUS
- REMOVE PAVEMENT CONCRETE
- REMOVE GRAVEL
- REMOVE CONCRETE CURB & GUTTER
- REMOVE BITUMINOUS CURB & GUTTER
- SOIL CORRECTION
- EASEMENT - DRAINAGE & UTILITY
- SECTION LINE
- LOT LINE
- ELECTRIC LINE
- ELECTRIC LINE - BURIED
- ELECTRIC LINE - OVERHEAD
- GAS LINE
- TELECOMMUNICATION LINE
- TELECOMM - OVERHEAD
- FIBER OPTIC LINE
- TREE LINE
- LANDSCAPE
- RETAINING WALL
- TREE SAVE FENCE
- SILT FENCE
- WATERMAIN
- SANITARY SEWER
- STORM SEWER
- DRAIN TILE
- LANDSCAPE - ROCK
- LANDSCAPE - MULCH
- LANDSCAPE - RIP RAP

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.
ASSISTANT CITY ENGINEER

57095 LIC. NO.

DATE 11/18/24

DATE	REVISION

SHEET 01 OF 77 SHEETS

Nov 14, 2024 – 11:09am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Title & SEQ.dwg

IP 24-13 FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION

Statement of Estimated Quantities

Item No.	MnDOT No.	Note	Item Description	Unit	Quantity
1	2021.501		MOBILIZATION	LS	1
2	2101.502	1	CLEARING	ACRE	0.34
3	2101.502	1	GRUBBING	ACRE	0.34
4	2101.503		REMOVE STORM SEWER	LF	558
5	2104.502		REMOVE STRUCTURE (STORM)	EA	9
6	2104.502		SALVAGE MAIL BOX SUPPORT	EA	79
7	2104.503	1	SAWING BITUMINOUS PAVEMENT - FULL DEPTH	LF	1050
8	2104.503	1	SAWING CONCRETE PAVEMENT - FULL DEPTH	LF	590
9	2104.503		REMOVE CONCRETE CURB & GUTTER	LF	152
10	2104.503		REMOVE BITUMINOUS CURB	LF	22300
11	2104.504	20	REMOVE BITUMINOUS PAVEMENT - SOIL CORRECTION AREA	SY	12900
12	2104.504	1	REMOVE BITUMINOUS PAVEMENT - DRIVEWAYS	SY	870
13	2104.504	1	REMOVE BITUMINOUS PAVEMENT - TRAIL	SY	65
14	2104.504	1	REMOVE CONCRETE PAVEMENT - DRIVEWAYS	SY	520
15	2104.504		REMOVE CONCRETE VALLEY GUTTER	SY	27
16	2104.504	1	REMOVE GRAVEL SURFACE - DRIVEWAYS	SY	11
17	2104.504		REMOVE BITUMINOUS FLUME	SY	31
18	2105.507		GEOTEXTILE FABRIC TYPE 4	SY	160
19	2105.507		GEOTEXTILE FABRIC TYPE 10	SY	13800
20	2105.607	18	COMMON EXCAVATION (EV)	CY	1460
21	2105.607	19	SUBGRADE EXCAVATION, REMOVE UNSUITABLE MATERIALS (EV)	CY	4500
22	2106.507	2	SELECT GRANULAR BORROW (CV)	CY	5000
23	2106.607		HAUL & STOCKPILE RECLAIM MATERIAL (LV)	CY	2050
24	2112.519		SUBGRADE PREPARATION	RDST	114
25	2123.610		STREET SWEEPER (WITH PICKUP BROOM)	HOUR	20
26	2130.523		WATER	MGAL	50
27	2211.507		AGGREGATE BASE CLASS 5 - MODIFIED (CV)	CY	4350
28	2215.504	8	FULL DEPTH RECLAMATION	SY	26200
29	2232.504		MILL BITUMINOUS PAVEMENT (2.0")	SY	170
30	2357.506	4	BITUMINOUS MATERIAL FOR TACK COAT	GAL	2500
31	2360.509	5	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,C) 2.0"	TON	4000
32	2360.509	5	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 1.5"	TON	3000
33	2360.509	5	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 2.0" DRIVEWAYS	TON	85
34	2411.502		CONCRETE FLUME	SY	10
35	2501.502		15" RC PIPE APRON	EA	8
36	2501.502		15" ARCH RC PIPE APRON	EA	2
37	2501.502		21" RC PIPE APRON	EA	1
38	2501.503	12	15" RC PIPE SEWER DESIGN 3006 CLASS III	LF	547
39	2501.503	12	15" ARCH RC PIPE SEWER CLASS IIIA	LF	82
40	2501.503	12	21" RC PIPE SEWER DESIGN 3006 CLASS III	LF	301
41	2501.602		TRASH GUARD FOR 15" PIPE APRON	EA	1
42	2501.602		TRASH GUARD FOR 21" PIPE APRON	EA	1
43	2501.603		PLUG FILL AND ABANDON PIPE SEWER	LF	30
44	2502.503	16	4" PERF PVC PIPE DRAIN	LF	638
45	2503.503		CLEAN AND VIDEO SEWER	LF	996
46	2506.502		CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EA	10
47	2506.502		CASTING ASSEMBLY (STORM)	EA	14
48	2506.502		RESET CASTING	EA	9
49	2506.502		CONSTRUCT DRAINAGE STRUCTURE DESIGN 2'X3'	EA	4
50	2507.603		INSTALL CULVERT PIPE LINER 12"	LF	21
51	2511.509		RANDOM RIPRAP CLASS III	CY	61
52	2521.518	14	6" CONCRETE WALK	SY	26
53	2521.602		DRILL & GROUT REINF BAR (EPOXY COATED)	EA	16
54	2531.503	14	CONCRETE CURB & GUTTER DESIGN SURMOUNTABLE	LF	19600
55	2531.503	14	CONCRETE CURB & GUTTER DESIGN B618	LF	1000
56	2531.503	14	CONCRETE CURB & GUTTER DESIGN CURB CUT	LF	1860
57	2531.504	14	6" CONCRETE PAVEMENT DRIVEWAY	SY	460
58	2531.504	15	6" CONCRETE PAVEMENT DRIVEWAY SPECIAL	SY	18
59	2531.504		GRAVEL SURFACE	SY	10
60	2531.604		7" CONCRETE VALLEY GUTTER	SY	235
61	2531.618		TRUNCATED DOMES	SF	32
62	2540.602	13	TEMPORARY MAIL BOX CLUSTER	EA	4
63	2540.602	12	INSTALL MAIL BOX SUPPORT	EA	79
64	2563.601	7	TRAFFIC CONTROL	LS	1
65	2573.501		STABILIZED CONSTRUCTION ENTRANCE	EA	2
66	2573.502		STORM DRAIN INLET PROTECTION	EA	23
67	2573.503		SEDIMENT CONTROL LOG TYPE STRAW	LF	50
68	2573.503	17	SILT FENCE, TYPE MS	LF	3610
69	2574.507	3, 9	TOPSOIL (LV)	CY	1900
70	2575.501	6	TURF ESTABLISHMENT	ACRE	2.7
71	2575.504		ROLLED EROSION PREVENTION CATEGORY 20	SY	1620
72	2575.602	10	LANDSCAPE RESTORATION	EA	20
73	2582.502		4" SOLID LINE WHITE (MULTI-COMP)	LF	116

PAY ITEM NOTES:

1. REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY CITY STAFF.
2. EV TO CV CONVERSION FACTOR = 1.25.
3. EV TO CV CONVERSION FACTOR = 1.30.
4. ESTIMATED QUANTITY BASED ON APPLICATION RATE OF 0.07 GAL/SY.
5. ESTIMATED QUANTITY BASED ON APPLICATION RATE OF 113 LB/SY-IN.
6. TURF ESTABLISHMENT INCLUDES SEEDING, SEED MIXTURES, HYDRAULIC MULCH MATRIX, FERTILIZER AND OTHER SOIL AMENDMENTS. SEED MIXTURE SHALL BE 25-151 AND MIXTURE 33-261 IN STORMWATER AREAS. FOLLOW MNDOT SEEDING MANUAL GUIDLINES FOR APPLICATION RATES. SEED MUST BE PLACED WITHIN 5 CALENDAR DAYS OF TOPSOIL PLACEMENT.
7. LUMP SUM QUANTITY SHALL INCLUDE ALL COST REQUIRED FOR MAINTAINING ALL FLAGGING OPERATIONS AS NECESSARY, MAINTAINING PEDESTRIAN ACCESS ROUTES, ANY SIGNAGE AND BARRICADES AS NECESSARY, ANY DETOUR ROUTES AS NECESSARY.
8. RECLAMATION STOCKPILE LOCATION IS AT 16600 SAINT FRANCIS BLVD. SILT FENCE SHALL BE ADDED AROUND BASE OF STOCKPILE IF IT REMAINS IN PLACE FOR GREATER THAN 72 HRS. THE EXPECTED RECLAMATION DEPTH IS 6 INCHES.
9. STOCKPILING OF ANY SALVAGED TOPSOIL USED IS INCIDENTAL TO THE TOPSOIL PAY ITEM.
10. CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL LANDSCAPING TO AS GOOD OR BETTER CONDITION. THE EACH QUANTITY CONSIST OF LANDSCAPING PER LOT.
11. SALVAGED MAILBOX POSTS TO BE PLACED TO ORIGINAL LOCATION OR AS DIRECTED BY THE ENGINEER.
12. LINEAR FOOT MEASUREMENT DOES NOT INCLUDE FLARED END SECTIONS.
13. COORDINATE WITH USPS ON PREFERRED LOCATIONS OF TEMPORARY MAILBOX CLUSTERS.
14. FINISH WITH WHITE CURING COMPOUND
15. CONCRETE SPECIAL DRIVEWAYS SHALL BE MATCHED TO EXISTING COLOR AND FINISH.
16. DRAINTILE FITTINGS ARE INCIDENTAL TO CONSTRUCTION.
17. 100' OF ADDITIONAL SILT FENCE WAS ASSUMED FOR AROUND RECLAMATION STOCKPILE.
18. COMMON EXCAVATION INCLUDES TOPSOIL MATERIAL REMOVED IN AREAS DISTURBED OUTSIDE OF ROADWAYS.
19. SUBGRADE EXCAVATION INCLUDES MATERIAL REMOVED BENEATH THE EXISTING ROAD SECTION IN SOIL CORRECTION AREAS.
20. BASE MATERIAL REMOVED IS INCIDENTAL TO THE REMOVE BITUMINOUS PAVEMENT - SOIL CORRECTION AREA PAY ITEM.

GENERAL NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. IT IS NOT GUARANTEED ANY OR ALL EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING IRRIGATION SYSTEMS WITHIN THE PROJECT CONSTRUCTION LIMITS BEFORE COMMENCING WORK. THE CONTRACTOR IS RESPONSIBLE FOR AVOIDING DAMAGE TO IRRIGATION SYSTEMS WHERE POSSIBLE.
3. PERMANENT SIGN REMOVAL AND INSTALLATION IS TO BE PERFORMED BY CITY OF RAMSEY PUBLIC WORKS DEPARTMENT.
4. THE EDGE OF ROAD IS GENERALLY BEING RAISED 1.5" FROM ITS ORIGINAL ELEVATION (SEE STREET PROFILES FOR MORE PRECISE CHANGES). THIS IS PROPOSED TO BE ACHIEVED BY RECLAIMING 6 INCHES OF THE EXISTING BITUMINOUS AND AGGREGATE BASE FULL-DEPTH, HAULING APPROXIMATELY 2 INCHES OF RECLAIM AWAY, SHAPE AND COMPACT REMAINING IN-PLACE RECLAIM MATERIAL, REPLACEMENT OF BITUMINOUS CURB WITH CONCRETE CURB & GUTTER, PLACEMENT OF 2 INCHES NON-WEAR COURSE BITUMINOUS PAVEMENT AND PLACEMENT OF 1.5 INCHES WEAR COURSE BITUMINOUS PAVEMENT. THE CROSS SLOPE IS BEING RAISED FROM 2% TO 3% WHICH SHOULD BE ACHIEVED BY GRADING THE IN-PLACE RECLAIM MATERIAL. IN SOIL CORRECTION AREAS ALL BITUMINOUS PAVEMENT AND BASE MATERIAL SHALL BE REMOVED, SUBBASE MATERIAL REMOVED TO 1' BELOW PROPOSED PAVEMENT SECTION, GEOTEXTILE FABRIC AND SELECT GRANULAR PLACED, BASE AGGREGATE PLACED AND COMPACTED (RECLAMATION MATERIAL CAN BE USED IF IT MEETS SPEC), PLACEMENT OF 2 INCHES NON-WEAR COURSE BITUMINOUS PAVEMENT AND PLACEMENT OF 1.5 INCHES WEAR COURSE BITUMINOUS PAVEMENT.
5. SEEDING AND RESTORATION NUMBERS WERE DETERMINED BASED ON A MINIMUM 5' OF DISTURBANCE FROM THE EDGE OF ROADWAY, WITH ADDITIONAL AREA IN CLEARING LOCATIONS AND AROUND STORM SEWER.
6. DRIVEWAY REMOVALS ARE GENERALLY 6' FOR BITUMINOUS DRIVEWAYS AND TO THE FIRST JOINT ON CONCRETE DRIVEWAYS. REMOVALS LIMITS WILL BE MARKED IN THE FIELD BY CITY STAFF.
7. FLARED END STRUCTURE INVERTS ARE LOCATED AT THE END OF THE APRON.

DATE	REVISION

Nov 20, 2024 - 11:44am
C:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Title & SOQ.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

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

City of RAMSEY

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

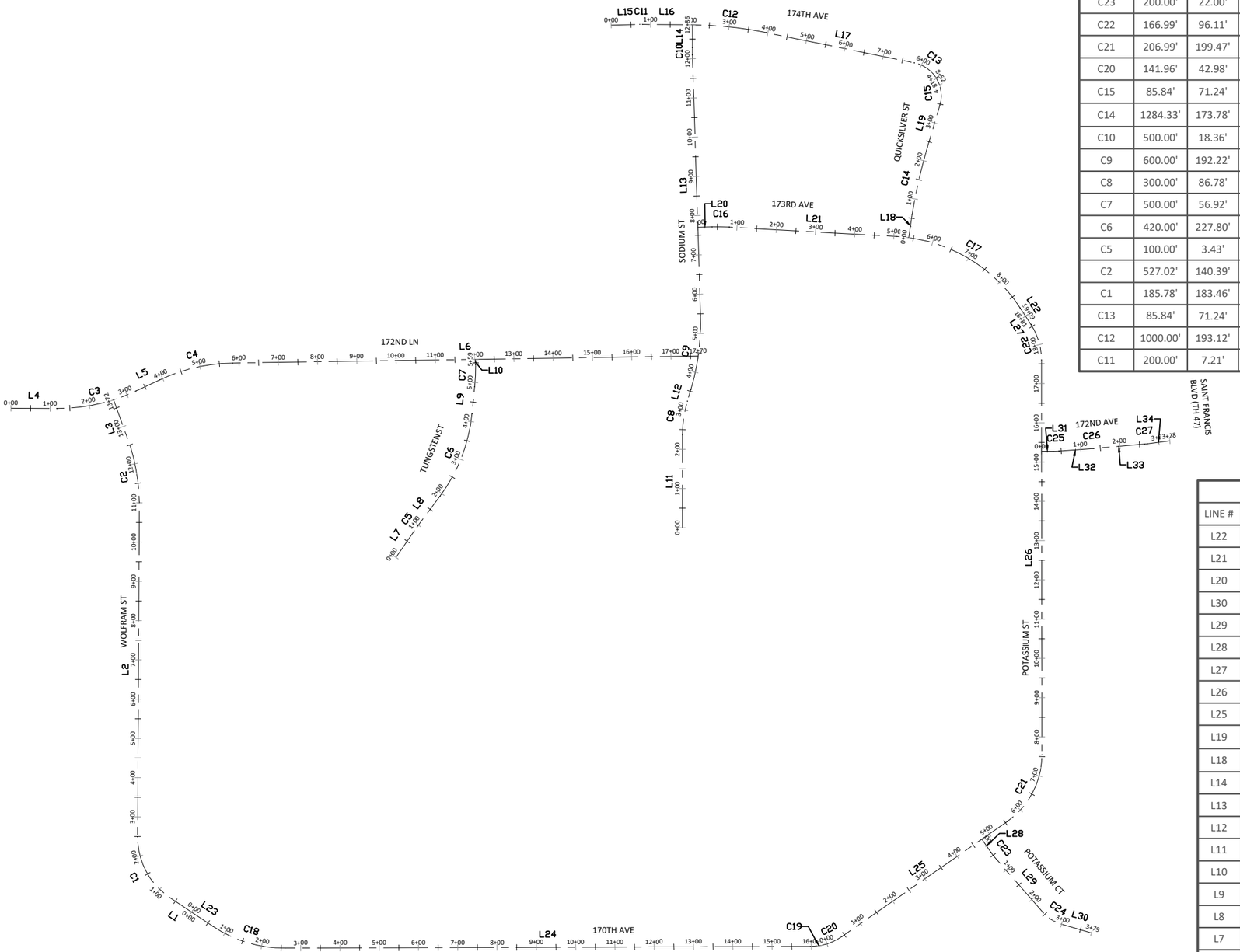
STATEMENT OF ESTIMATED QUANTITES

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

0 150 300 450

SCALE (FEET)

N



CURVE TABLE: ALIGNMENTS				
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	ALIGNMENT NAME
C17	400.89'	376.04'	S59° 54' 28"E	IP 24-13 - 173RD AVE CL
C16	500.00'	43.65'	S89° 16' 50"E	IP 24-13 - 173RD AVE CL
C24	100.00'	56.50'	S57° 20' 39"E	IP 24-13 - POTASSIUM CRT CL
C23	200.00'	22.00'	S38° 00' 23"E	IP 24-13 - POTASSIUM CRT CL
C22	166.99'	96.11'	N16° 32' 46"W	IP 24-13 - POTASSIUM ST CL
C21	206.99'	199.47'	N27° 32' 26"E	IP 24-13 - POTASSIUM ST CL
C20	141.96'	42.98'	N63° 49' 09"E	IP 24-13 - POTASSIUM ST CL
C15	85.84'	71.24'	N07° 09' 47"W	IP 24-13 - QUICKSILVER ST CL
C14	1284.33'	173.78'	N12° 44' 26"E	IP 24-13 - QUICKSILVER ST CL
C10	500.00'	18.36'	N00° 43' 48"W	IP 24-13 - SODIUM ST CL
C9	600.00'	192.22'	N07° 23' 47"E	IP 24-13 - SODIUM ST CL
C8	300.00'	86.78'	N08° 17' 14"E	IP 24-13 - SODIUM ST CL
C7	500.00'	56.92'	N02° 23' 57"E	IP 24-13 - TUNGSTEN ST CL
C6	420.00'	227.80'	N21° 11' 56"E	IP 24-13 - TUNGSTEN ST CL
C5	100.00'	3.43'	N35° 45' 14"E	IP 24-13 - TUNGSTEN ST CL
C2	527.02'	140.39'	N08° 47' 03"W	IP 24-13 - WOLFRAM ST CL
C1	185.78'	183.46'	N28° 00' 16"W	IP 24-13 - WOLFRAM ST CL
C13	85.84'	71.24'	S54° 42' 33"E	24-13 - 174TH AVE CL
C12	1000.00'	193.12'	S84° 00' 53"E	24-13 - 174TH AVE CL
C11	200.00'	7.21'	N89° 25' 10"E	24-13 - 174TH AVE CL

CURVE TABLE: ALIGNMENTS				
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	ALIGNMENT NAME
C19	141.96'	42.98'	N81° 10' 00"E	IP 24-13 - 170TH AVE CL
C18	328.16'	194.11'	S73° 14' 29"E	IP 24-13 - 170TH AVE CL
C27	200.00'	7.02'	N83° 56' 35"E	IP 24-13 - 172ND LN EAST CL
C26	200.00'	3.03'	N85° 22' 58"E	IP 24-13 - 172ND LN EAST CL
C25	200.00'	14.37'	N87° 52' 29"E	IP 24-13 - 172ND LN EAST CL
C4	452.71'	192.30'	N76° 58' 40"E	IP 24-13 - 172ND LN WEST CL
C3	466.32'	207.69'	N77° 33' 15"E	IP 24-13 - 172ND LN WEST CL

LINE TABLE: ALIGNMENTS			
LINE #	LENGTH	DIRECTION	ALIGNMENT NAME
L22	24.99'	S33° 02' 05"E	IP 24-13 - 173RD AVE CL
L21	427.98'	S86° 46' 46"E	IP 24-13 - 173RD AVE CL
L20	36.38'	N88° 13' 06"E	IP 24-13 - 173RD AVE CL
L30	80.04'	S73° 31' 48"E	IP 24-13 - POTASSIUM CRT CL
L29	179.51'	S41° 09' 30"E	IP 24-13 - POTASSIUM CRT CL
L28	41.27'	S34° 51' 16"E	IP 24-13 - POTASSIUM CRT CL
L27	24.99'	N33° 02' 05"W	IP 24-13 - POTASSIUM ST CL
L26	1005.59'	N00° 04' 03"W	IP 24-13 - POTASSIUM ST CL
L25	512.00'	N55° 08' 44"E	IP 24-13 - POTASSIUM ST CL
L19	112.65'	N16° 37' 01"E	IP 24-13 - QUICKSILVER ST CL
L18	60.17'	N08° 10' 48"E	IP 24-13 - QUICKSILVER ST CL
L14	58.15'	N00° 19' 18"E	IP 24-13 - SODIUM ST CL
L13	663.38'	N01° 46' 54"W	IP 24-13 - SODIUM ST CL
L12	30.94'	N16° 34' 27"E	IP 24-13 - SODIUM ST CL
L11	236.61'	N00° 00' 00"E	IP 24-13 - SODIUM ST CL
L10	12.84'	N00° 51' 43"W	IP 24-13 - TUNGSTEN ST CL
L9	69.41'	N05° 39' 38"E	IP 24-13 - TUNGSTEN ST CL
L8	94.27'	N36° 44' 15"E	IP 24-13 - TUNGSTEN ST CL
L7	94.28'	N34° 46' 13"E	IP 24-13 - TUNGSTEN ST CL
L3	130.74'	N19° 40' 24"W	IP 24-13 - WOLFRAM ST CL

LINE TABLE: ALIGNMENTS			
LINE #	LENGTH	DIRECTION	ALIGNMENT NAME
L2	851.59'	N00° 17' 44"E	IP 24-13 - WOLFRAM ST CL
L1	66.00'	N56° 17' 44"W	IP 24-13 - WOLFRAM ST CL
L17	384.51'	S78° 28' 56"E	24-13 - 174TH AVE CL
L16	123.51'	S89° 32' 51"E	24-13 - 174TH AVE CL
L15	72.40'	N88° 23' 11"E	24-13 - 174TH AVE CL
L24	1337.56'	N89° 48' 48"E	IP 24-13 - 170TH AVE CL
L23	66.00'	S56° 17' 44"E	IP 24-13 - 170TH AVE CL
L34	57.89'	N82° 56' 16"E	IP 24-13 - 172ND LN EAST CL
L33	131.08'	N84° 56' 55"E	IP 24-13 - 172ND LN EAST CL
L32	84.61'	N85° 49' 01"E	IP 24-13 - 172ND LN EAST CL
L31	29.80'	N89° 55' 57"E	IP 24-13 - 172ND LN EAST CL
L6	1185.98'	N89° 08' 17"E	IP 24-13 - 172ND LN WEST CL
L5	66.44'	N64° 48' 32"E	IP 24-13 - 172ND LN WEST CL
L4	117.16'	S89° 41' 11"E	IP 24-13 - 172ND LN WEST CL

DATE	REVISION

Nov 14, 2024 - 11:17am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

City of RAMSEY

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

ALIGNMENT LAYOUT

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 03 OF 77 SHEETS

STORM SEWER TABULATION

STRUCTURE	STATION, OFFSET	STRUCTURE SIZE DIA. (IN.)	CASTING TYPE	RIM ELEV.	INVERT ELEV.	SUMP ELEV.	BUILD HEIGHT	INVERT DIRECTION	PIPE DIA. (IN.)	PIPE MATERIAL	PIPE GRADE (%)	PIPE LENGTH (LF)	STRUCTURE CONNECTED TO:
FES1	1+51.26, 32.4L*	15	N/A	N/A	878.81	N/A	N/A	SW	15	RCP	-5.38	18	CBMH1
FES2	1+52.27, 61.0R*	15	N/A	N/A	872.28	N/A	N/A	NE	15	RCP	5.95	47	CBMH2
FES3	7+34.94, 42.6R*	15 ARCH	N/A	N/A	877.94	N/A	N/A	S	15 ARCH	RCP	0.40	29	CBMH3
FES4	7+32.69, 39.4L*	15 ARCH	N/A	N/A	877.60	N/A	N/A	N	15 ARCH	RCP	2.55	25	CBMH4
FES5	0+17.43, 78.0L*	15	N/A	N/A	887.70	N/A	N/A	W	15	RCP	0.42	37	CB5
FES6	0+33.94, 103.3L*	15	N/A	N/A	873.00	N/A	N/A	SW	15	RCP	2.89	59	CBMH6
FES7	10+51.38, 35.9R*	15	N/A	N/A	887.29	N/A	N/A	E	15	RCP	2.07	22	CBMH7
FES8	3+69.28, 35.9L*	15	TG	N/A	884.62	N/A	N/A	N	15	RCP	-1.00	50	CBMH10
FES9	4+33.61, 314.9R*	21	TG	N/A	868.19	N/A	N/A	S	21	RCP	4.78	301	CBMH9
FES10	13+18.24, 33.0R*	15	N/A	N/A	870.32	N/A	N/A	S	15	RCP	-1.40	19	CBMH13
FES11	13+18.01, 33.0L*	15	N/A	N/A	869.76	N/A	N/A	N	15	RCP	0.40	19	CBMH14
CBMH1	1+51.03, 14.0L	48	R-3501TB	880.75	877.50	877.50	3.25	SW	15	RCP	5.38	18	FES1
					877.50			NE	15	RCP	-7.37	28	CBMH2
CBMH2	1+51.60, 14.1R	48	R-3501TB	880.75	875.43	875.43	5.32	SW	15	RCP	7.37	28	CBMH1
					875.43			NE	15	RCP	-5.95	47	FES2
CBMH3	7+34.36, 14.0R	48	R-3501TB	880.56	878.08	878.08	2.48	S	15 ARCH	RCP	-0.40	29	FES3
					878.08			N	15 ARCH	RCP	0.40	28	CBMH4
CBMH4	7+33.53, 14.0L	48	R-3501TB	880.56	878.19	878.19	2.37	S	15 ARCH	RCP	-0.40	28	CBMH3
					878.39			N	15 ARCH	RCP	-2.55	25	FES4
CB5	0+36.13, 45.6L	2x3	R-3501TB	891.63	887.70	887.70	3.93	W	15	RCP	-0.42	37	FES5
CBMH6	0+54.39, 48.3L	48	R-3501TB	878.66	874.87	874.87	3.79	W	15	RCP	-2.89	59	FES6
					874.97			NE	15	RCP	3.00	95	CB11
CBMH7	10+52.76, 14.0R	48	R-3501TB	891.72	887.85	887.85	3.87	E	15	RCP	-2.07	22	FES7
					887.95			W	15	RCP	1.00	28	CB12
CB8	4+35.63, 14.0L	2x3	R-3501TB	888.40	884.10	884.10	4.30	S	15	RCP	-1.00	28	CBMH9
CBMH9	4+35.68, 14.3R	48	R-3501TB	888.75	882.96	882.86	5.61	N	15	RCP	1.00	28	CB8
					882.96			W	15	RCP	1.50	66	CBMH10
					882.86			S	21	RCP	-4.78	301	FES9
CBMH10	3+69.44, 14.0R	48	R-3501TB	888.83	884.06	883.96	4.88	N	15	RCP	1.00	50	FES8
					883.96			E	15	RCP	-1.50	66	CBMH9
CB11	3+73.50, 14.0R	2X3	R-3501TB	881.45	877.82	877.82	3.63	SW	15	RCP	-3.00	95	CBMH6
CB12	10+52.94, 14.0L	2X3	R-3501TB	891.72	888.23	888.23	3.49	E	15	RCP	-1.00	28	CBMH7
CBMH13	13+18.15, 14.0R	48	R-3501TB	872.82	869.97	869.97	2.85	N	15	RCP	-0.40	28	CBMH14
					869.97			S	15	RCP	1.40	19	FES10
CBMH14	13+18.15, 14.0L	48	R-3501TB	872.82	869.86	869.86	2.96	N	15	RCP	-0.40	19	FES11
					869.86			S	15	RCP	0.40	28	CBMH13

*FES STATION OFFSET DOES NOT INCLUDE LENGTH OF APRON, LENGTH OF APRON MUST BE ADDED FOR INVERT LOCATION

DATE	REVISION

Nov 14, 2024 - 11:18am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

City of RAMSEY

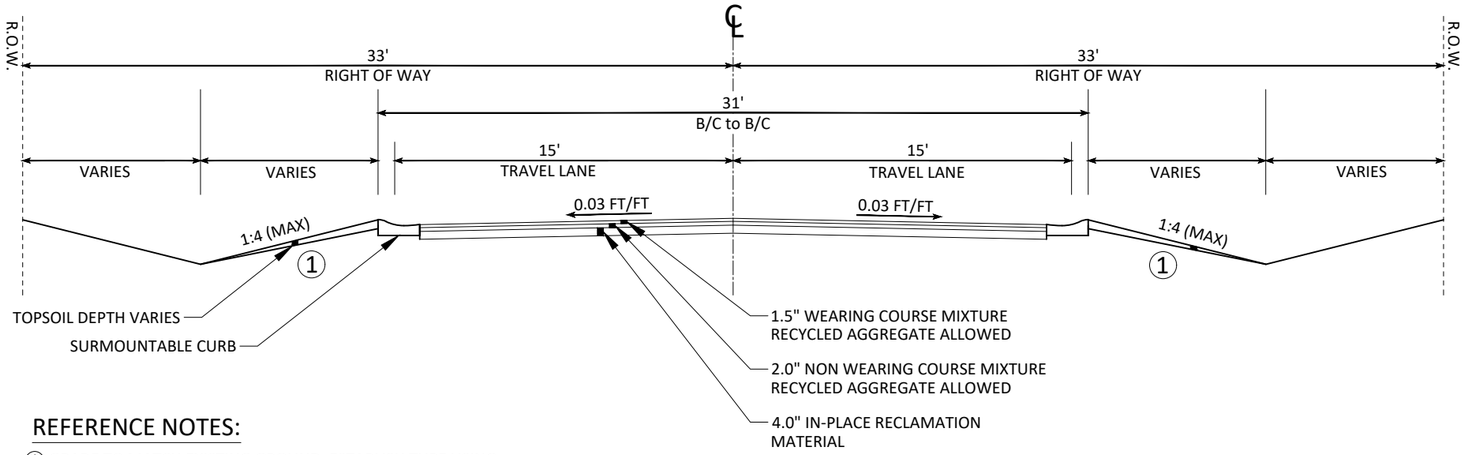
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

TABULATIONS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 04 OF 77 SHEETS

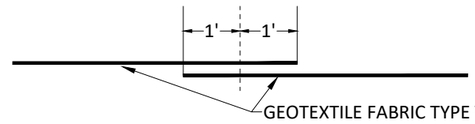
TYPICAL SECTION



REFERENCE NOTES:

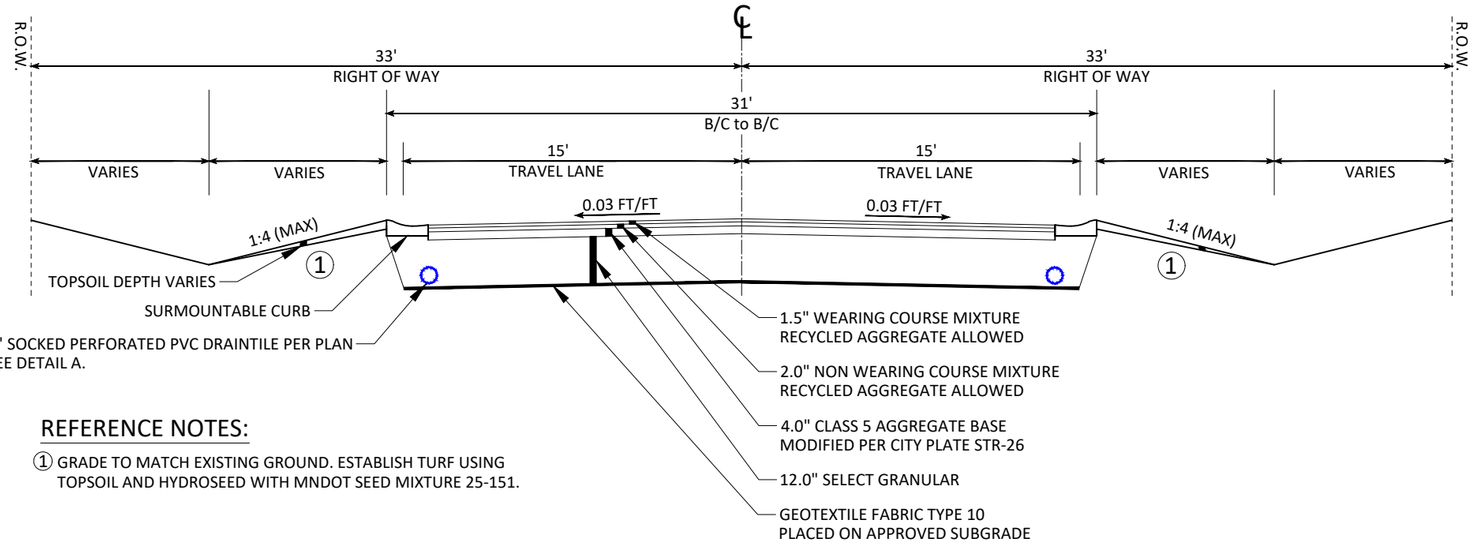
① GRADE TO MATCH EXISTING GROUND. ESTABLISH TURF USING TOPSOIL AND HYDROSEED WITH MNDOT SEED MIXTURE 25-151.

DETAIL B: GEOTEXTILE FABRIC SEAM



1. GEOTEXTILE FABRIC SHALL BE OVERLAPPED 2-FEET AS SHOWN.
2. THE GEOTEXTILE FABRIC MUST BE SECURED SO THAT IT IS NOT DISPLACED DURING SUBSEQUENT CONSTRUCTION. NO TRAFFIC OR CONSTRUCTION EQUIPMENT IS TO OPERATE DIRECTLY ON THE FABRIC, 1-FOOT OF SELECT GRANULAR FILL MUST BE PLACED FIRST.
3. MEASUREMENT FOR PAYMENT DOES NOT INCLUDE ALLOWANCE FOR SEAMS OR OVERLAPS.

TYPICAL SECTION: SOIL CORRECTION AREA

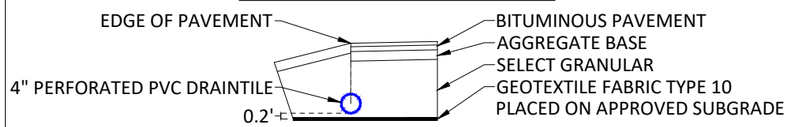


REFERENCE NOTES:

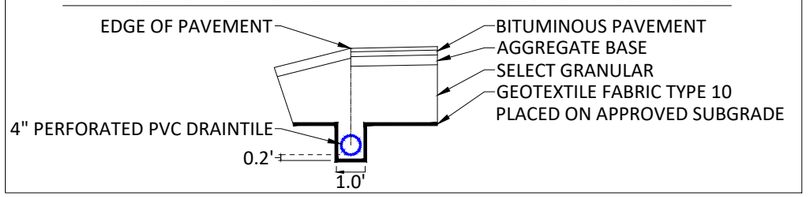
① GRADE TO MATCH EXISTING GROUND. ESTABLISH TURF USING TOPSOIL AND HYDROSEED WITH MNDOT SEED MIXTURE 25-151.

DETAIL A: DRAINTILE INSTALLATION

TYPICAL DRAINTILE INSTALLATION



DRAINTILE INSTALLATION: DRAINTILE BELOW SELECT GRANULAR GRADE



DATE	REVISION

Nov 14, 2024 - 11:22am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

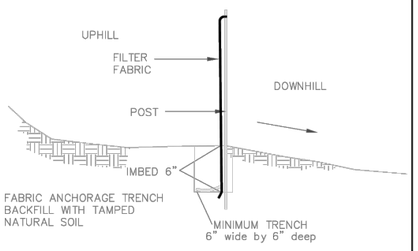
JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

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

TYPICAL SECTION

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

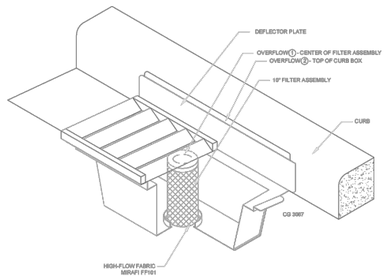


INSTALL AS PER FILTER FABRIC MANUFACTURER'S RECOMMENDATIONS

SILT FENCE DETAIL

NO SCALE

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: SILT FENCE
		CITY PLATE No. ERO–1

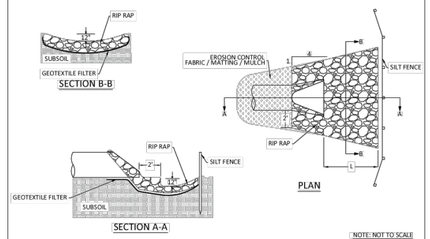


INLET PROTECTION – WIMCO OR EQUAL

N.T.S.

NOTE:
THIS INLET PROTECTION SHALL BE USED IMMEDIATELY FOLLOWING CURB & GUTTER CONSTRUCTION. INLET PROTECTION SHALL REMAIN INSTALLED AND MAINTAINTED UNTIL ALL HOME CONSTRUCTION IS COMPLETE.

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: INLET PROTECTION
		CITY PLATE No. ERO–2



NOTE: NOT TO SCALE

NOTES:
1. ON SLOPES 4:1 OR GREATER, ANCHOR OR STRAIGHT DISKED STRAW MULCH, SEEDED NETTING, GABRIC, OR MATTING SUCH AS EXCELSIOR SHALL BE USED TO STABILIZE DISTURBED SOILS. THESE EXPOSED SOILS MUST BE STABILIZED IMMEDIATELY AFTER GRADING OF SOIL IS COMPLETE.
2. A SKIRTING OF EROSION CONTROL FABRIC OR MULCH MUST BE USED TO PROTECT OUTLETS AS ILLUSTRATED REGARDLESS OF SLOPE.
3. RIP RAP IS CLASS III PLACED 18" THICK.
4. FOR PIPE GREATER THAN 48" DIAMETER OR 58" SPAN, QUANTITY OF GEOTEXTILE FABRIC AND RIP RAP WILL BE HANDLED IN A CASE BY CASE MANNER.
5. GEOTEXTILE FABRIC SHALL COVER THE BOTTOM AND SIDES OF THE AREA EXCAVATED FOR THE RIP RAP MATERIAL.

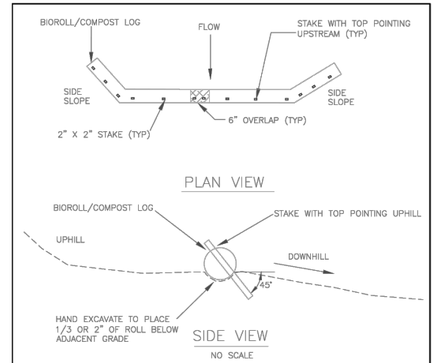
RIP RAP AT RCP OUTLETS

DIA. OF PIPE (IN.)	L (FT.)	GEOTEXTILE FABRIC (SY)	18" DEPTH RIP RAP (CU. YD)
12	8	19.8	4.4
15	8	20.8	4.8
18	10	25.6	6.4
21	10	27.4	7.1
24	12	33.4	9.2
27	12	35.2	9.9
30	14	41.6	12.3
36	16	50.5	15.8
42	18	57.1	18.7
48	20	66.5	22.2

RIP RAP AT RCP-A OUTLETS

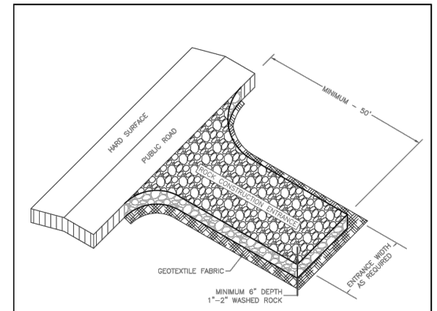
SPAN OF PIPE (IN.)	L (FT.)	GEOTEXTILE FABRIC (SY)	18" DEPTH RIP RAP (CU. YD)
22	10	26.6	6.1
28	12	33.2	8.5
36	14	43.5	11.7
43	16	50.5	14.3
51	18	57.5	16.9
58	20	65.2	19.8

APPROVED: 9 – 2016	City of RAMSEY	STANDARD DETAILS: RIP–RAP
		CITY PLATE No. ERO–3



NOTE:
STAKE INTO GROUND WITH WOOD STAKES DRIVING STAKE 6" INTO GROUND AND PROTRUDING 2" ABOVE LOG
WOOD STAKES ARE A MINIMUM 0.5" X 2" X 16" AND PLACED EVERY 1' UNLESS PRECLUDED BY A ROCK
WHEN MORE THAN 1 BIOROLL/COMPOST LOG IS NEEDED, OVERLAP ENDS A MINIMUM OF 6" AND STAKE
WOOD STAKES ARE DRIVEN THROUGH BACK HALF OF BIOROLL OR COMPOST LOG AT 45° ANGLE WITH TOP OF STAKE POINTING UPHILL

APPROVED: 3 – 2016	City of RAMSEY	STANDARD DETAILS: BIO ROLL (COMPOST LOG)
		CITY PLATE No. ERO–4



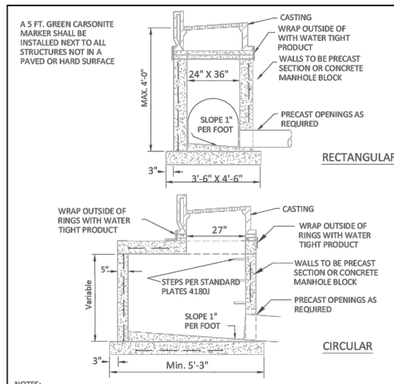
NOTE:
1. MINIMUM CONSTRUCTION ENTRANCE WIDTH EQUAL TO PROPOSED ROADWAY WIDTH.
2. WIDTH OF RADIUS AS REQUIRED TO ENSURE VEHICLES DO NOT TRACK ONTO PUBLIC ROAD.
3. MAINTAINENCE AS REQUIRED TO PREVENT TRACKING ONTO PUBLIC ROADS. THIS MAY REQUIRE TOP DRESSING WITH ADDITIONAL ROCK OR REMOVAL AND REINSTALLATION OF THE ENTRANCE AS NEEDED.

NOT TO SCALE

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: ROCK CONSTRUCTION ENTRANCE
		CITY PLATE No. ERO–5

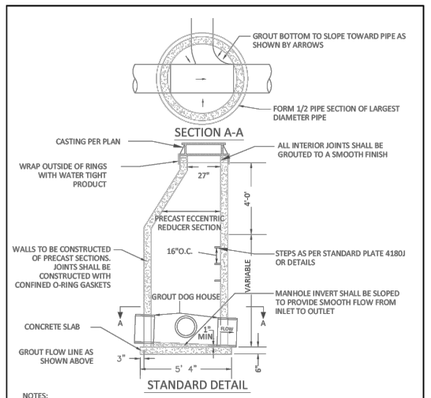
Notes:
1. INSTALLATION OF 4" OF TOPSOIL REQUIRED ACROSS ALL DISTURBED AREAS.
2. TOPSOIL IS DEFINED AS BLACK DIRT COMPOSED OF UNCONSOLIDATED MATERIAL, LARGELY UNDECOMPOSED ORGANIC MATTER WHICH IS SUITABLE FOUNDATION FOR VEGETATIVE GROWTH.
3. THE COMPOSITION OF TOPSOIL SHOULD CONTAIN NO MORE THAN THIRTY-FIVE PERCENT (35%) SAND CONTENT.

APPROVED: 7 – 2019	City of RAMSEY	STANDARD DETAILS: TOPSOIL REQUIREMENTS
		CITY PLATE No. ERO–6



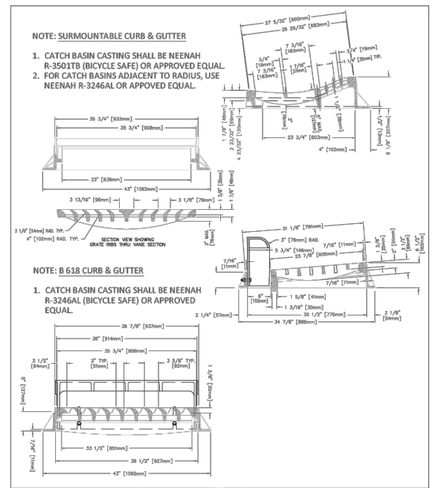
NOTES:
1. MANHOLE INVERT SHALL SLOPED TO PROVIDE A SMOOTH FLOW FROM INLET TO OUTLET
2. CONCRETE BASE SHALL BE 6" POURED IN PLACE OR 5" PRECAST SLAB
3. CONCRETE ADJUSTING RINGS TO BE INSTALLED MAX 7-2" RINGS, MIN 2-2" RINGS
4. GROUT BETWEEN RINGS, SHIMS SHALL BE METAL, CONCRETE OR PLASTIC
5. INSPECTION OF MANHOLE REQUIRED BEFORE BACKFILLING
6. A 12 GAUGE COPPER CLAD STEEL TRACER WIRE IS REQUIRED WITH ALL STORM LINES
7. CONDUCTIVITY IS REQUIRED ON ALL TRACER WIRE
8. TRACER WIRES ARE TO END IN STRUCTURES, AT FINISHED GRADE ON ALL SERVICES AND STUBS
9. STEPS ARE REQUIRED IF STRUCTURE FROM THE CASTING TO THE INVERT IS GREATER THAN 4 FEET

APPROVED: 1 - 2024	City of RAMSEY	STANDARD DETAILS: CATCH BASIN
		CITY PLATE No. STO-1

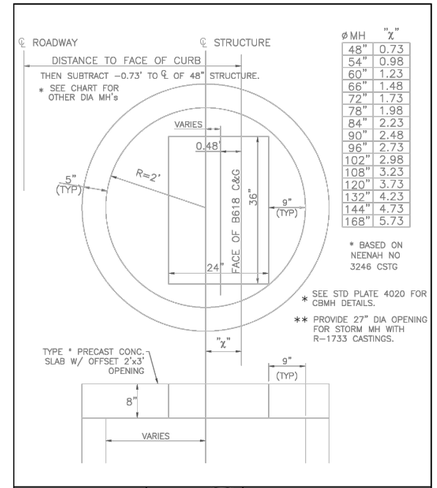


NOTES:
1. MANHOLE INVERT SHALL SLOPED TO PROVIDE A SMOOTH FLOW FROM INLET TO OUTLET
2. INSPECTION OF MANHOLE REQUIRED BEFORE BACKFILLING
3. ALL INLET INVERTS TO BE 0.10 ABOVE OUTLET INVERTS UNLESS OTHERWISE NOTED
4. CONCRETE ADJUSTING RINGS TO BE INSTALLED MAX 7-2" RINGS, MIN 2-2" RINGS
5. GROUT BETWEEN RINGS, SHIMS SHALL BE METAL, CONCRETE OR PLASTIC
6. A 12 GAUGE COPPER CLAD STEEL TRACER WIRE IS REQUIRED WITH ALL STORM LINES
7. CONDUCTIVITY IS REQUIRED ON ALL TRACER WIRE
8. STEPS ARE REQUIRED IF STRUCTURE FROM THE CASTING TO THE INVERT IS GREATER THAN 4 FEET
9. TRACER WIRES ARE TO END IN STRUCTURES, AT FINISHED GRADE ON ALL SERVICES AND STUBS

APPROVED: 1 - 2024	City of RAMSEY	STANDARD DETAILS: STORM MANHOLE
		CITY PLATE No. STO-3



APPROVED: 4 - 2024	City of RAMSEY	STANDARD DETAILS: STORMWATER CASTING
		CITY PLATE No. STO-4



ØMH	"X"
48"	0.73
54"	0.98
60"	1.23
66"	1.48
72"	1.73
78"	1.98
84"	2.23
90"	2.48
96"	2.73
102"	2.98
108"	3.23
120"	3.73
132"	4.23
144"	4.73
168"	5.73

APPROVED: 4 – 2005	City of RAMSEY	STANDARD DETAILS: SLAB TOP MANHOLE COVER
		CITY PLATE No. STO–5

DATE	REVISION

Nov 14, 2024 - 11:24am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\City Details.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

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

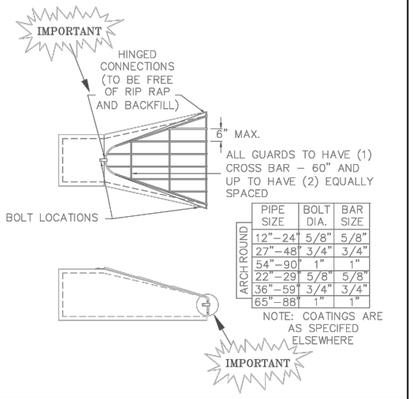
DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

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

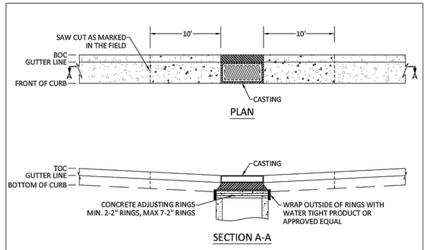
CITY DETAILS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 06 OF 77 SHEETS



APPROVED:		STANDARD DETAILS:
2 – 2006	City of RAMSEY	TRASH GUARD
		CITY PLATE No. STO–8

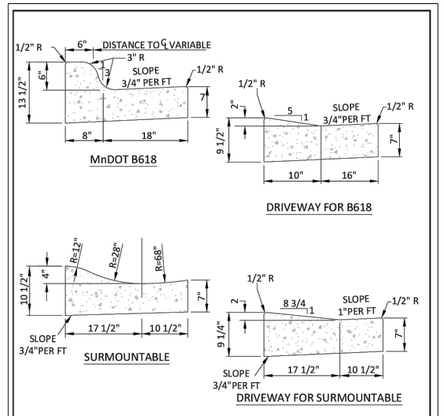


NOTE: NOT TO SCALE

NOTE:

1. CONCRETE CURB AND GUTTER TO BE REMOVED 10 FEET TO EITHER SIDE OF CATCH BASIN CASTING. CURB AND GUTTER MUST BE SAW CUT - FULL DEPTH.
2. CASTING SHALL BE BROUGHT UP TO PROPER GRADE. DAMAGED CONCRETE ADJUSTING RINGS MUST BE REPLACED. OUTSIDE OF RINGS MUST BE WRAPPED WITH APPROVED WATER TIGHT PRODUCT. INSIDE OF RINGS MUST BE GROUTED TO A SMOOTH FINISH.
3. CONCRETE CURB AND GUTTER SHALL BE REPLACED AND MATCH INTO THE RESET CASTING AND THE EXISTING CURB AND GUTTER.
4. DAMAGED BITUMINOUS PAVEMENT SHALL BE REPAIRED AND IS INCIDENTAL. FOLLOW CITY STANDARD PLATE STR-25.
5. PROPER TRAFFIC CONTROL DEVICES SHALL BE REQUIRED TO MAINTAIN A SAFE WORK ENVIRONMENT, AND IS INCLUDED IN THE TRAFFIC CONTROL LUMP SUM BIT ITEM.
6. ALL EQUIPMENT, MATERIALS, DISPOSAL, AND LABOR REQUIRED TO RESET CATCH BASIN CASTING AS DESCRIBED BY THIS DETAIL IS INCIDENTAL.
7. BOULEVARD RESTORATION BEHIND CURB IS NOT INCLUDED WITH THE RESET CATCH BASIN CASTING PAY ITEM.

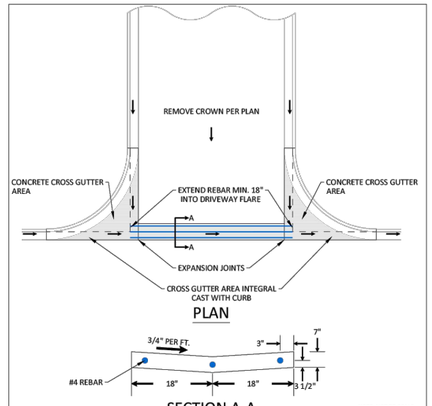
APPROVED:		STANDARD DETAILS:
3 – 2017	City of RAMSEY	RESET CATCH BASIN CASTING
		CITY PLATE No. STO–13



NOTES:

1. ON WEAR COURSE MILL THE EXISTING BITUMINOUS 1.5" BY 24" IN FRONT OF THE REPLACEMENT CURB. (INCIDENTAL TO CURB REPLACEMENT)
2. ON BASE COURSE SAW CUT AND REMOVE EXISTING BITUMINOUS 18" IN FRONT OF THE REPLACEMENT CURB. (INCIDENTAL TO CURB REPLACEMENT)

APPROVED:		STANDARD DETAILS:
10 - 2024	City of RAMSEY	CURB AND GUTTER
		CITY PLATE No. STR-1



NOTE: NOT TO SCALE

NOTES:

1. WITH REMOVAL OF EXISTING CURB AT A STREET, MILL BITUMINOUS TO A DEPTH OF 1.5" AND A WIDTH OF 18" IN EXISTING STREET.
2. TO BE USED WHENEVER CROSS DRAINAGE IS < 2%.
3. CONCRETE CURB AND GUTTER SHALL BE CAST INTEGRAL WITH CONCRETE CROSS GUTTER AREA.
4. CONCRETE CURB AND GUTTER SHALL BE PAID SEPARATELY FROM CONCRETE CROSS GUTTER AREA.

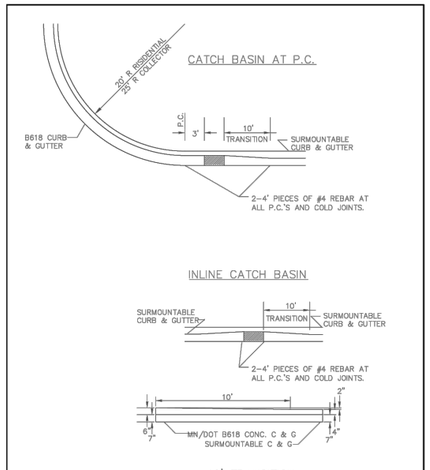
APPROVED:		STANDARD DETAILS:
3 - 2017	City of RAMSEY	CROSS GUTTER
		CITY PLATE No. STR-2

TABLE A
MODIFIED CLASS 5 SPECIFICATIONS
% PASSING

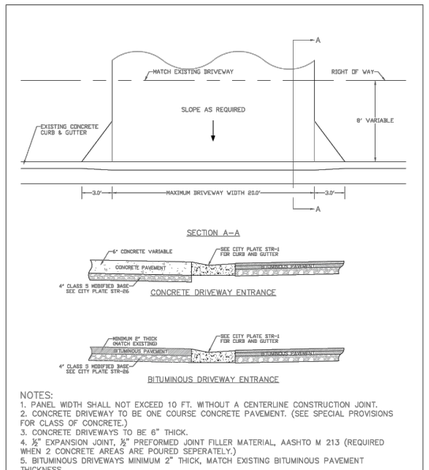
1"	100
3/4"	90 – 100
3/8"	50 – 80
No.4	35 – 70
No.10	20 – 60
No.40	10 – 35
No.200	5 – 10

NOTES:
1. THE AGGREGATE BASE CONSTRUCTION WILL BE ACCEPTED FOR PAYMENT IN ACCORDANCE WITH THE PROVISIONS IN TABLE A.
2. IF THE AGGREGATE BASE FAILS TO MEET THE REQUIREMENTS OF TABLE A THE MATERIAL CAN BE CORRECTED IN PLACE OR REMOVED AND REPLACED WITH MATERIAL THAT MEET THE REQUIREMENTS OF TABLE A.
3. IN THE EVENT THAT RECYCLED MATERIAL IS USE IT MUST MEET MNDOT REQUIREMENTS FOR RECYCLED BASE.

APPROVED:		STANDARD DETAILS:
2 – 2003	City of RAMSEY	MODIFIED CLASS 5 SPECIFICATIONS
		CITY PLATE No. STR-26

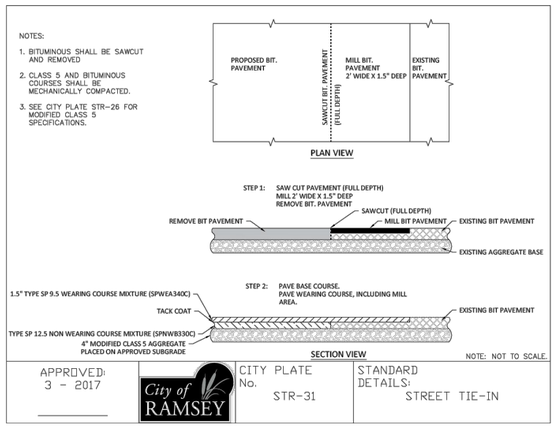


APPROVED:		STANDARD DETAILS:
4 – 2016	City of RAMSEY	CATCHBASIN PLACEMENT – SURMOUNTABLE CURB
		CITY PLATE No. STR–27



NOTES:
1. PANEL WIDTH SHALL NOT EXCEED 10 FT. WITHOUT A CENTERLINE CONSTRUCTION JOINT.
2. CONCRETE DRIVEWAY TO BE ONE COURSE CONCRETE PAVEMENT. (SEE SPECIAL PROVISIONS FOR CLASS OF CONCRETE.)
3. CONCRETE DRIVEWAYS TO BE 6" THICK.
4. ½" EXPANSION JOINT, ½" PREFORMED JOINT FILLER MATERIAL, AASHTO M 213 (REQUIRED WHEN 2 CONCRETE AREAS ARE POURED SEPERATELY.)
5. BITUMINOUS DRIVEWAYS MINIMUM 2" THICK, MATCH EXISTING BITUMINOUS PAVEMENT THIOKNESS.

APPROVED:		STANDARD DETAILS:
1 - 2016	City of RAMSEY	RESIDENTIAL DRIVEWAY – NO SIDEWALK
		CITY PLATE No. STR-30



NOTE: NOT TO SCALE.

APPROVED:		CITY PLATE No.	STANDARD DETAILS:
3 - 2017	City of RAMSEY	STR-31	STREET TIE-IN

DATE	REVISION

Nov 14, 2024 - 11:25am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

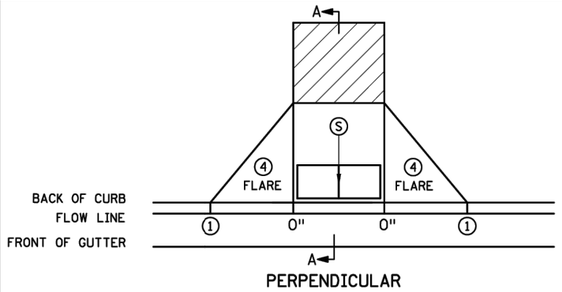
DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

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

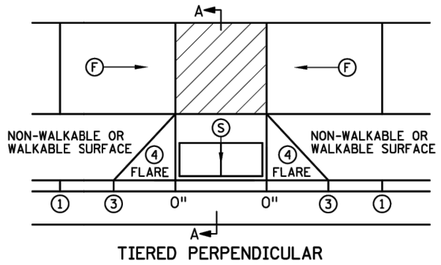
CITY DETAILS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

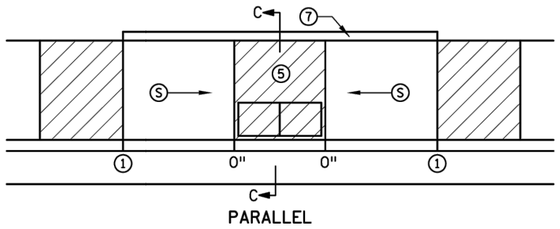
SHEET 07 OF 77 SHEETS



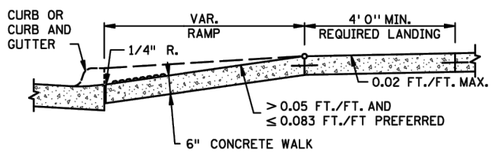
PERPENDICULAR



TIERED PERPENDICULAR

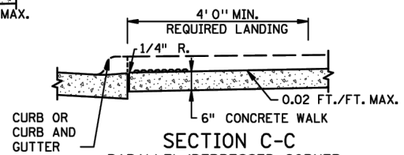


PARALLEL



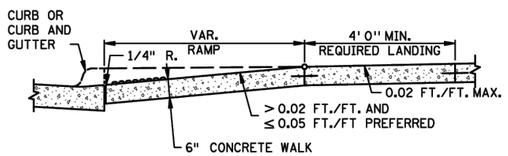
SECTION A-A

PERPENDICULAR/TIERED/DIAGONAL



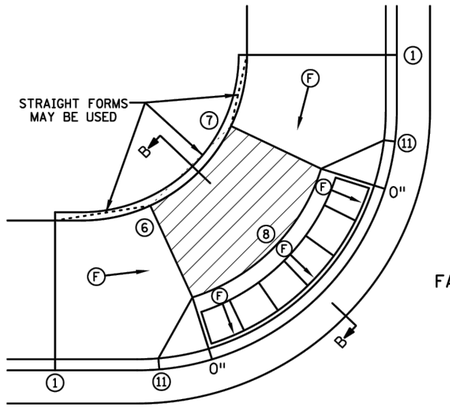
SECTION C-C

PARALLEL/DEPRESSED CORNER

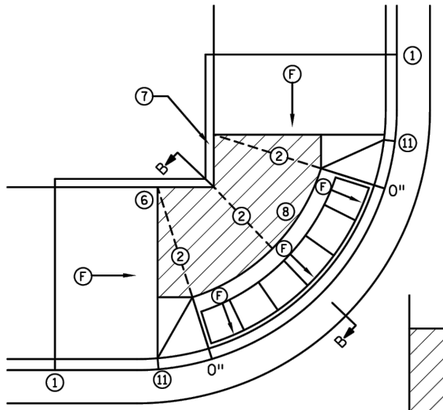


SECTION B-B

FAN

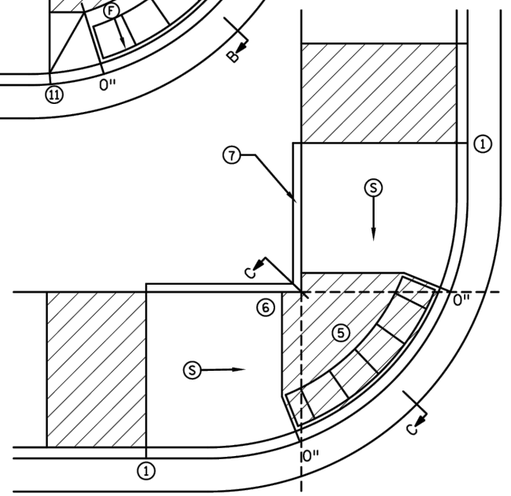


FAN ⑩

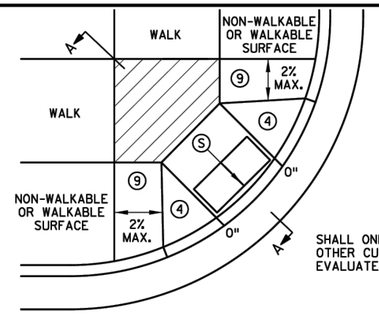


MODIFIED FAN ⑩

USED WHEN RIGHT-OF-WAY IS CONSTRAINED



DEPRESSED CORNER



DIAGONAL

SHALL ONLY BE USED AFTER ALL OTHER CURB RAMP TYPES HAVE BEEN EVALUATED AND DEEMED IMPRACTICAL

NOTES:

LANDINGS SHALL BE LOCATED ANYWHERE THE PEDESTRIAN ACCESS ROUTE (PAR) CHANGES DIRECTION, AT THE TOP OF RAMPS THAT HAVE RUNNING SLOPES GREATER THAN 5.0%, AND IF THE APPROACHING WALK IS INVERSE GRADE GREATER THAN 2%.

INITIAL CURB RAMP LANDINGS SHALL BE CONSTRUCTED WITHIN 15' FROM THE BACK OF CURB, WITH 6' FROM THE BACK OF CURB BEING THE PREFERRED DISTANCE, ONLY APPLICABLE WHEN THE INITIAL RAMP RUNNING SLOPE IS OVER 5.0%.

SECONDARY CURB RAMP LANDINGS ARE REQUIRED FOR EVERY 30" OF VERTICAL RISE WHEN THE LONGITUDINAL RUNNING SLOPE IS GREATER THAN 5.0%.

CONTRACTION JOINTS SHALL BE CONSTRUCTED ALONG ALL GRADE BREAKS WITHIN THE PAR. 1/4" DEEP VISUAL JOINTS SHALL BE USED AT THE TOPS OF CONCRETE FLARES ADJACENT TO WALKABLE SURFACES.

ALL GRADE BREAKS WITHIN THE PAR SHALL BE PERPENDICULAR TO THE PATH OF TRAVEL. THUS BOTH SIDES OF A SLOPED WALKING SURFACE MUST BE EQUAL LENGTH. (EXCEPT AS STATED IN ⑥ BELOW.

TO ENSURE RAMPS AND LANDINGS ARE PROPERLY CONSTRUCTED, ALL INITIAL LANDINGS AT A TOP OF A RAMPED SURFACE (RUNNING SLOPE GREATER THAN 2%) SHALL BE FORMED AND PLACED SEPARATELY IN AN INDEPENDENT CONCRETE POUR. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON SHEET 6 OF 6 FOR ALL SEPARATELY POURED INITIAL LANDINGS.

WHEN SIDEWALK IS AT BACK OF CURB, TOP OF CURB SHALL MATCH PROPOSED ADJACENT WALK GRADE.

MAINTAIN POSITIVE BOULEVARD DRAINAGE TO TOP OF CURB.

ALL RAMP TYPES SHOULD HAVE A MINIMUM 3' LONG RAMP LENGTH.

4' MINIMUM WIDTH OF DETECTABLE WARNING IS REQUIRED FOR ALL RAMPS. DETECTABLE WARNINGS SHALL CONTINUOUSLY EXTEND FOR A MIN. OF 24" IN THE PATH OF TRAVEL. DETECTABLE WARNING TO COVER THE ENTIRE PAR WIDTH OF SHARED-USE PATHS AND THE ENTIRE PAR WIDTH OF THE WALK WITH THE EXCEPTION OF 3" MAXIMUM ON EACH OUTSIDE EDGE WHICH ENSURES THE DETECTABLE WARNINGS ARE ENCASED IN CONCRETE WHEN ADJACENT TO TURF. WHEN ADJACENT TO CONCRETE FLARES 0" - 3" OFFSET IS ALLOWED.

WHEN DESIGNING OR ORDERING RECTANGULAR DETECTABLE WARNING SURFACES SHOULD BE 6" LESS THAN THE INCOMING PAR. ARC LENGTH OF THE RADIAL DETECTABLE WARNINGS SHOULD NOT BE GREATER THAN 20 FEET.

RECTANGULAR DETECTABLE WARNINGS SHALL BE SETBACK 3" FROM THE BACK OF CURB. RADIAL DETECTABLE WARNINGS SHALL BE SETBACK 3" MINIMUM TO 6" MAXIMUM FROM THE BACK OF CURB.

① MATCH FULL HEIGHT CURB.

② 4' MINIMUM DEPTH LANDING REQUIRED ACROSS TOP OF RAMP.

③ 3" HIGH CURB WHEN USING A 3' LONG RAMP, 4" HIGH CURB WHEN USING A 4' LONG RAMP.

④ SEE SHEET 4 OF 6, TYPICAL SIDE TREATMENT OPTIONS, FOR DETAILS ON FLARES AND RETURNED CURBS.

⑤ DETECTABLE WARNINGS MAY BE PART OF THE 4' X 4' MIN. LANDING AREA IF IT IS NOT FEASIBLE TO CONSTRUCT THE LANDING OUTSIDE OF THE DETECTABLE WARNING AREA.

⑥ THE GRADE BREAK SHALL BE PERPENDICULAR TO THE BACK OF WALK. THIS WILL ENSURE THAT THE GRADE BREAK IS PERPENDICULAR TO THE DIRECTION OF TRAVEL. (TYPICAL FOR ALL)

⑦ WHEN ADJACENT TO GRASS, GRADING SHALL ALWAYS BE USED WHEN FEASIBLE. V CURB, IF USED, SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS. WHEN ADJACENT TO PARKING LOTS, CONCRETE OR BITUMINOUS TAPERS LESS THAN 5% RUNNING SLOPE SHOULD BE USED OVER V CURB TO REDUCE TRIPPING HAZARDS AND FACILITATE SNOW & ICE REMOVAL.

⑧ A 7' MIN TOP RADIUS GRADE BREAK IS REQUIRED TO BE CONSTRUCTIBLE.

⑨ PAVE FULL WALK WIDTH.

⑩ "S" SLOPES ON FANS SHALL ONLY BE USED WHEN ALL OTHER FEASIBLE OPTIONS HAVE BEEN EVALUATED AND DEEMED IMPRACTICAL.

⑪ INTERMEDIATE CURB HEIGHTS TAPER SHALL RISE AT 8-10% TO A MINIMUM 3" CURB HEIGHT. REDUCE INTERMEDIATE CURB HEIGHT TO 2+ INCHES IF NECESSARY TO MATCH ADJACENT BOULEVARD OR SIDEWALK GRADES.

LEGEND

THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.

(S) 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%.

(F) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.

LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.

X" CURB HEIGHT

REVISION:

APPROVED: 11-04-2021

JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 | 1 OF 6

APPROVED: 11-04-2021
REVISED:

THOMAS STYBRICKI
STATE DESIGN ENGINEER

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

DATE	REVISION

Nov 14, 2024 - 11:25am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\City Details.dwg

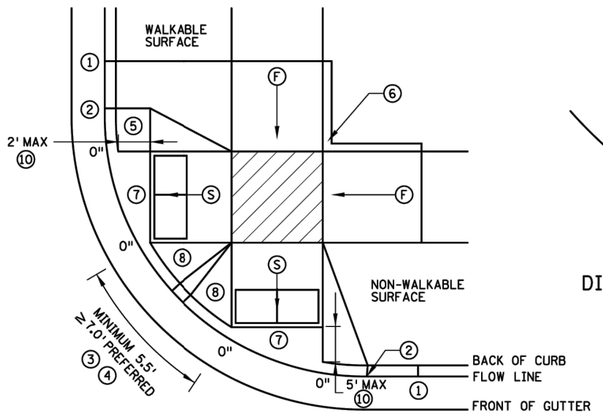
DESIGNED BY:	---		
DRAWN BY:	---	DATE:	
CHECKED BY:	---	FILE:	24-13

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

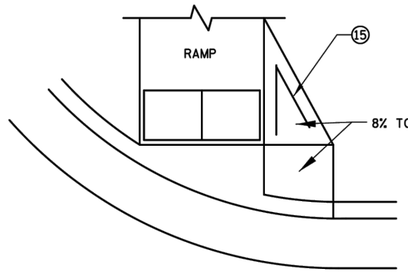
MNDOT PEDESTRIAN RAMP DETAILS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

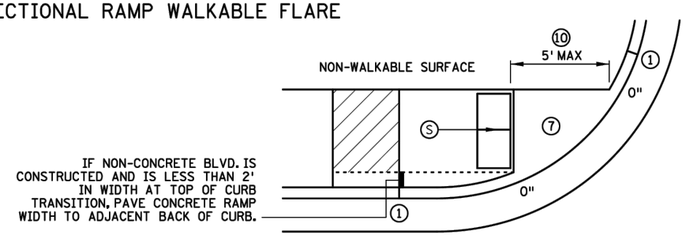
SHEET 08 OF 77 SHEETS



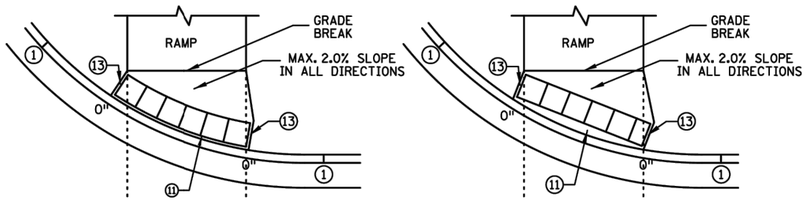
COMBINED DIRECTIONAL



DIRECTIONAL RAMP WALKABLE FLARE

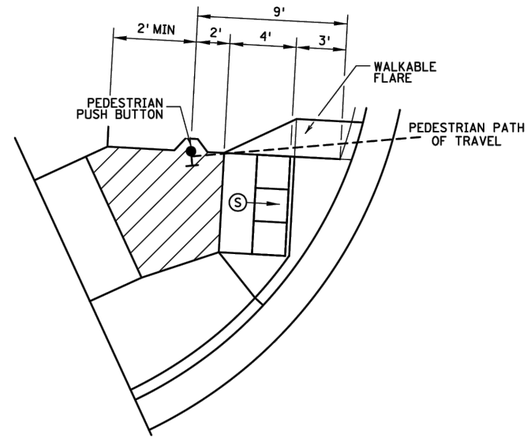


STANDARD ONE-WAY DIRECTIONAL ⑨



DETECTABLE WARNING PLACEMENT WHEN SETBACK CRITERIA IS EXCEEDED ⑫

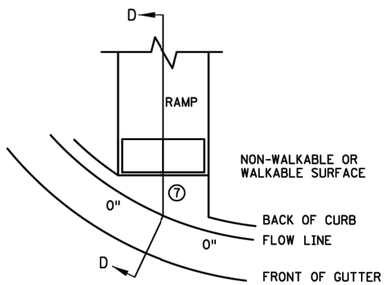
ONE-WAY DIRECTIONAL WITH DETECTABLE WARNING AT BACK OF CURB

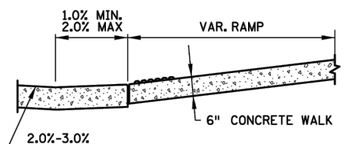


SEMI-DIRECTIONAL RAMP ③④⑨

3' DOME SETBACK, 4' LONG RAMP AND PUSH BUTTON 9' FROM THE BACK OF CURB

PRIMARILY USED FOR APS APPLICATIONS WHERE THE PAR DOES NOT CONTINUE PAST THE PUSH BUTTON (DEAD-END SIDEWALK)





SECTION D-D

CURB FOR DIRECTIONAL RAMPS ⑭

NOTES:

LANDINGS SHALL BE LOCATED ANYWHERE THE PEDESTRIAN ACCESS ROUTE (PAR) CHANGES DIRECTION, AT THE TOP OF RAMPS THAT HAVE RUNNING SLOPES GREATER THAN 5.0%, AND IF THE APPROACHING WALK IS INVERSE GRADE.

INITIAL CURB RAMP LANDINGS SHALL BE CONSTRUCTED WITHIN 15' FROM THE BACK OF CURB, WITH 6' FROM THE BACK OF CURB BEING THE PREFERRED DISTANCE. ONLY APPLICABLE WHEN THE INITIAL RAMP RUNNING SLOPE IS OVER 5.0%.

SECONDARY CURB RAMP LANDINGS ARE REQUIRED FOR EVERY 30" OF VERTICAL RISE WHEN THE LONGITUDINAL SLOPE IS GREATER THAN 5.0%.

CONTRACTION JOINTS SHALL BE CONSTRUCTED ALONG ALL GRADE BREAKS WITHIN THE PAR. 1/4" DEEP VISUAL JOINTS SHALL BE USED AT THE TOP GRADE BREAK OF CONCRETE FLARES ADJACENT TO WALKABLE SURFACES.

ALL GRADE BREAKS WITHIN THE PAR SHALL BE PERPENDICULAR TO THE PATH OF TRAVEL. THUS BOTH SIDES OF A SLOPED WALKING SURFACE MUST BE EQUAL LENGTH.

TO ENSURE INITIAL RAMPS AND INITIAL LANDINGS ARE PROPERLY CONSTRUCTED, LANDINGS SHALL BE CAST SEPARATELY. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON SHEET 6 AND THE ADA SPECIAL PROVISION (PROSECUTION OF WORK).

TOP OF CURB SHALL MATCH PROPOSED ADJACENT WALK GRADE.

WHEN THE BOULEVARD IS 4' WIDE OR LESS, THE TOP OF CURB TAPER SHALL MATCH THE RAMP SLOPES TO REDUCE NEGATIVE BOULEVARD SLOPES FROM THE TOP BACK OF CURB TO THE PAR.

ALL RAMP TYPES SHOULD HAVE A MINIMUM 3' LONG RAMP LENGTH.

4' MINIMUM WIDTH OF DETECTABLE WARNING IS REQUIRED FOR ALL RAMPS. DETECTABLE WARNINGS SHALL CONTINUOUSLY EXTEND FOR A MIN. OF 24" IN THE PATH OF TRAVEL. DETECTABLE WARNING TO COVER THE ENTIRE PAR WIDTH OF SHARED-USE PATHS AND THE ENTIRE PAR WIDTH OF THE WALK WITH THE EXCEPTION OF 3" MAXIMUM ON EACH OUTSIDE EDGE WHICH ENSURES THE DETECTABLE WARNINGS ARE ENCASED IN CONCRETE WHEN ADJACENT TO TURF. WHEN ADJACENT TO CONCRETE FLARES 0" - 3" OFFSET IS ALLOWED.

WHEN DESIGNING OR ORDERING RECTANGULAR DETECTABLE WARNING SURFACES SHOULD BE 6" LESS THAN THE INCOMING PAR. ARC LENGTH OF THE RADIAL DETECTABLE WARNINGS SHOULD NOT BE GREATER THAN 20 FEET.

RADIAL DETECTABLE WARNINGS SHALL BE SETBACK 3" MINIMUM TO 6" MAXIMUM FROM THE BACK OF CURB. SEE NOTES ⑩ & ⑪ FOR INFORMATION REGARDING RECTANGULAR DETECTABLE WARNING PLACEMENT.

① MATCH FULL CURB HEIGHT.

② 3" HIGH CURB WHEN USING A 3' LONG RAMP
4" HIGH CURB WHEN USING A 4' LONG RAMP.

③ 3" MINIMUM CURB HEIGHT (5.5' MIN. DISTANCE REQUIRED BETWEEN DOMES)
4" PREFERRED (7' MIN. DISTANCE REQUIRED BETWEEN DOMES).

④ THE "BUMP" IN BETWEEN THE RAMPS SHOULD NOT BE IN THE PATH OF TRAVEL FOR COMBINED DIRECTIONAL RAMPS. IF THIS OCCURS MODIFY THE RAMP LOCATION OR SWITCH RAMP TO A FAN/DEPRESSED CORNER.

⑤ WHEN USING CONCRETE PAVED FLARES ON THE OUTSIDE OF DIRECTIONAL RAMPS, AND ADJACENT TO A WALKABLE SURFACE, DIRECTIONAL RAMP FLARES SHALL BE USED. SEE THE DETAIL ON THIS SHEET.

⑥ GRADING SHALL ALWAYS BE USED WHEN FEASIBLE. V CURB, IF USED, SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS. WHEN ADJACENT TO PARKING LOTS, CONCRETE OR BITUMINOUS TAPERS SHOULD BE USED OVER V CURB TO REDUCE TRIPPING HAZARDS AND FACILITATE SNOW & ICE REMOVAL.

⑦ MAX. 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK AND DRAIN TO FLOW LINE. SHALL BE CONSTRUCTED INTEGRAL WITH CURB AND GUTTER.

⑧ 8% TO 10% WALKABLE FLARE.

⑨ PLACE DOMES AT THE BACK OF CURB WHEN ALLOWABLE SETBACK CRITERIA IS EXCEEDED.

⑩ FRONT EDGE OF DETECTABLE WARNING SHALL BE SET BACK 2' MAXIMUM WHEN ADJACENT TO WALKABLE SURFACE, AND 5' MAXIMUM WHEN ADJACENT TO NON-WALKABLE SURFACE WITH ONE CORNER SET 3" FROM BACK OF CURB. A WALKABLE SURFACE IS DEFINED AS A PAVED SURFACE ADJACENT TO A CURB RAMP WITHOUT RAISED OBSTACLES THAT COULD MISTAKENLY BE TRAVERSED BY A USER WHO IS VISUALLY IMPAIRED.

⑪ RECTANGULAR DETECTABLE WARNINGS MAY BE SETBACK UP TO 9" FROM THE BACK OF CURB WITH CORNERS SET 3" FROM BACK OF CURB. IF 9" SETBACK IS EXCEEDED USE RADIAL DETECTABLE WARNINGS.

⑫ FOR DIRECTIONAL RAMPS WITH THE DETECTABLE WARNINGS PLACED AT THE BACK OF CURB, THE DETECTABLE WARNINGS SHALL COVER THE ENTIRE WIDTH OF THE WALK/PATH. THIS ENSURES A DETECTABLE EDGE AND HELPS ELIMINATE THE CURB TAPER OBSTRUCTING THE PATH OF PEDESTRIAN TRAVEL.

⑬ THE CONCRETE WALK SHALL BE FORMED AND CONSTRUCTED PERPENDICULAR TO THE BACK OF CURB. MAINTAIN 3" BETWEEN EDGE OF DOMES AND EDGE OF CONCRETE.

⑭ TO BE USED FOR ALL DIRECTIONAL RAMPS, EXCEPT WHERE DOMES ARE PLACED ALONG THE BACK OF CURB.

⑮ PLACE 2 NO. 4 BARS 4 INCHES FROM SIDE OF FORMS WITH A MINIMUM 2 INCHES OF CONCRETE COVER ALONG EACH SIDE OF FLARE (INCIDENTAL).

LEGEND

THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.

Ⓢ 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%.

Ⓕ INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.

LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.

X" CURB HEIGHT

REVISION:

APPROVED: 11-04-2021

JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 | 2 OF 6

APPROVED: 11-04-2021
REVISED:

THOMAS STYRBICKI
STATE DESIGN ENGINEER

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. | (T.H.) | SHEET NO. OF SHEETS

DATE	REVISION

Nov 14, 2024 - 11:20am
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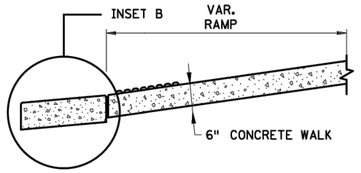
DESIGNED BY:	---	
DRAWN BY:	---	DATE:
CHECKED BY:	---	FILE: 24-13

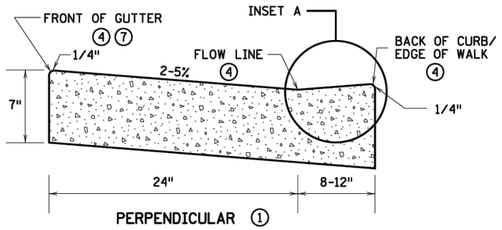
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

MNDOT PEDESTRIAN RAMP DETAILS

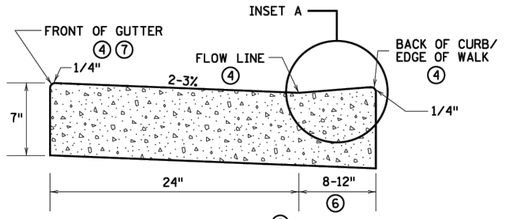
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 09 OF 77 SHEETS

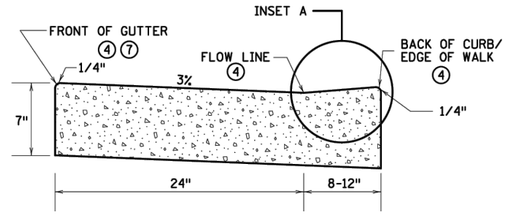




PERPENDICULAR ①

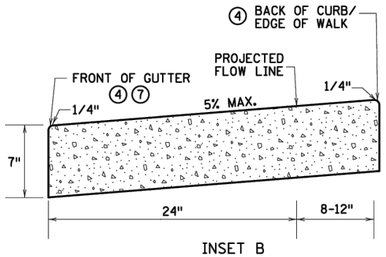


NON PERPENDICULAR ②

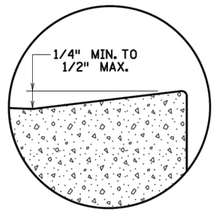


FOR CURB MACHINE PLACEMENT AROUND RADIUS ③
(REGARDLESS OF RAMP TYPE)

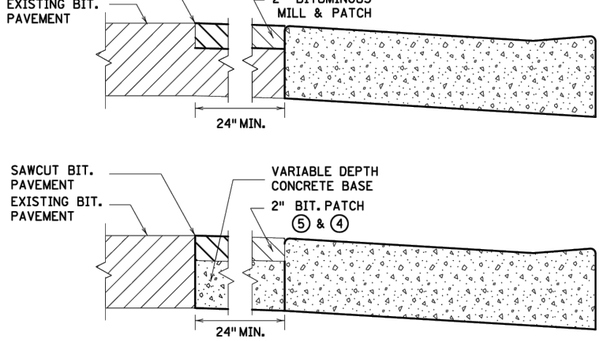
PEDESTRIAN ACCESS ROUTE CURB & GUTTER DETAIL



INSET B
OUTFLOW GUTTER ⑧



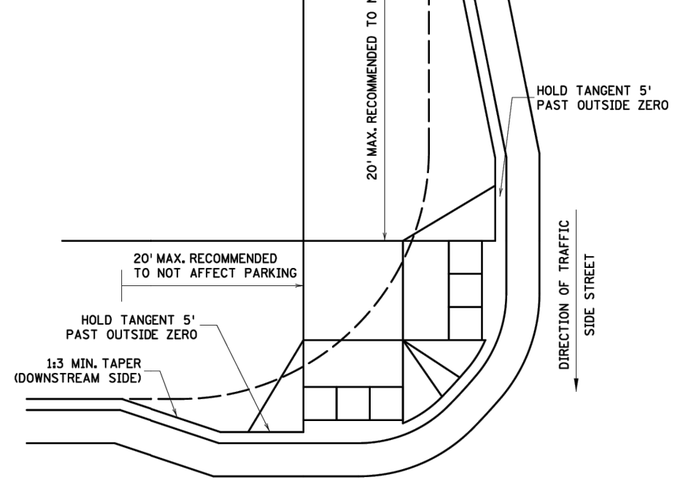
INSET A



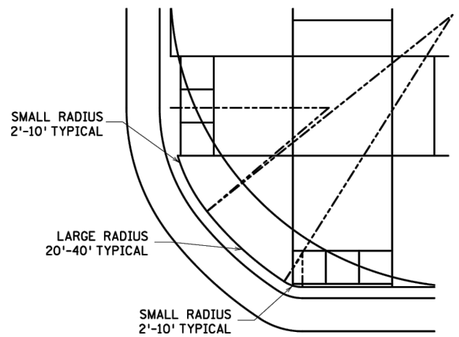
ONLY ALLOWED PER ENGINEER'S APPROVAL

PAVEMENT TREATMENT OPTIONS IN FRONT OF CURB & GUTTER

FOR USE ON CURB RAMP RETROFITS



ADA CURB EXTENSION WITH COMPOUND RADIUS (BUMP OUT) ⑪



COMBINED DIRECTIONAL ⑩
(COMPOUND RADIUS)

NOTES:

POSITIVE FLOW LINE DRAINAGE SHALL BE MAINTAINED THROUGH THE PEDESTRIAN ACCESS ROUTE (PAR) AT A 2% MAXIMUM.

NO PONDING SHALL BE PRESENT IN THE PAR.

ANY VERTICAL LIP THAT OCCURS AT THE FLOW LINE SHALL NOT BE GREATER THAN 1/4 INCH.

① FOR USE AT CURB CUTS WHERE THE PEDESTRIAN'S PATH OF TRAVEL IS ASSUMED PERPENDICULAR TO THE GUTTER FLOW LINE. RAMP TYPES INCLUDE: PERPENDICULAR, TIERED PERPENDICULAR, PARALLEL, AND DIAGONAL RAMPS.

② FOR USE AT CURB RAMPS WHERE THE PEDESTRIAN'S PATH OF TRAVEL IS ASSUMED NON PERPENDICULAR TO THE GUTTER FLOW LINE. RAMP TYPES INCLUDE: FANS & DEPRESSED CORNERS.

③ BEGIN GUTTER SLOPE TRANSITION 10' OUTSIDE OF ALL CURB RAMPS.

④ THERE SHALL BE NO VERTICAL DISCONTINUITIES GREATER THAN 1/4".

⑤ ELEVATION CHANGE TAKES PLACE FROM THE EXISTING TO NEW FRONT OF GUTTER. PATCH IS USED TO MATCH THE NEW GUTTER FACE INTO THE EXISTING ROADWAY.

⑥ VARIABLE WIDTH FOR DIRECTIONAL CURB APPLICATIONS. SEE SHEET 2 FOR DIRECTIONAL CURB SLOPE REQUIREMENTS.

⑦ TOP FRONT OF GUTTER SHALL BE CONSTRUCTED FLUSH WITH PROPOSED ADJACENT PAVEMENT ELEVATION. TOP 1.5" OF THE GUTTER FACE MUST BE A FORMED EDGE. PAR GUTTER SHALL NOT BE OVERLAID.

⑧ SHOULD BE USED AT VERTICALLY CONSTRAINED AREAS WHEN AT A DRAINAGE HIGH POINT OR SUPER ELEVATED ROADWAY SEGMENTS.

⑨ DRILL AND GROUT NO. 4 EPOXY-COATED 18" LONG TIE BARS AT 30" CENTER TO CENTER INTO EXISTING CONCRETE PAVEMENT 1' MINIMUM FROM ALL JOINTS.

⑩ HELPS PROVIDE TWO SEPARATE RAMPS, REDUCES THE DOME SETBACK LENGTH AND MINIMIZES DIRECTIONAL CURB. THIS RADIUS DESIGN CLOSELY FOLLOWS THE TURNING VEHICLE PATH WHILE OPTIMIZING CURB RAMP LENGTH.

⑪ CURB EXTENSIONS SHOULD BE USED IN VERTICALLY CONSTRAINED AREAS, USUALLY IN DOWNTOWN ROADWAY SEGMENTS WHERE ON-STREET PARKING IS AVAILABLE. CURB EXTENSIONS SHOULD BE CONSIDERED FOR APS INTERSECTIONS WHERE SPACE IS LIMITED.
PUSH BUTTONS MUST MEET APS CRITERIA AS DESCRIBED IN THE PUSH BUTTON LOCATION DETAIL SHEET.

REVISION:
APPROVED: 11-04-2021
JEFFREY PERKINS OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250	3 OF 6	PEDESTRIAN CURB RAMP DETAILS
APPROVED: 11-04-2021 REVISED:	THOMAS STYRBICKI STATE DESIGN ENGINEER	
STATE PROJ. NO.	(TH)	SHEET NO. OF SHEETS

DATE	REVISION

Nov 14, 2024 - 11:26am
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DESIGNED BY:	---	
DRAWN BY:	---	DATE:
CHECKED BY:	---	FILE: 24-13

CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
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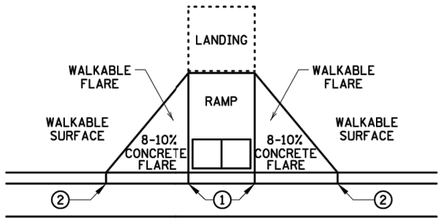
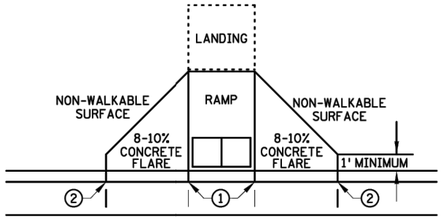
MNDOT PEDESTRIAN RAMP DETAILS

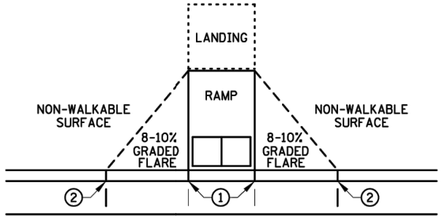
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA



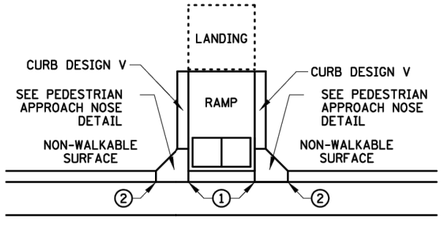
PAVED FLARES
ADJACENT TO WALKABLE SURFACE



PAVED FLARES
ADJACENT TO NON-WALKABLE SURFACE

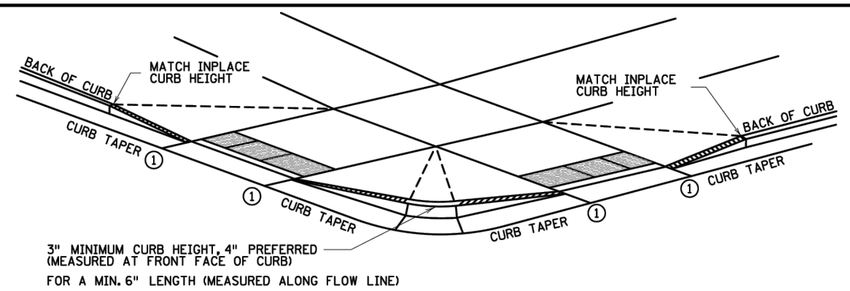


GRADED FLARES

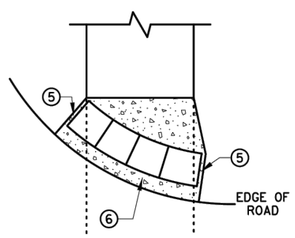


RETURNED CURB ④

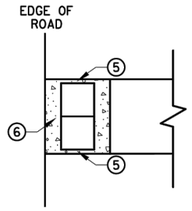
TYPICAL SIDE TREATMENT OPTIONS ③ ⑩



DETECTABLE EDGE WITH ⑦
CURB AND GUTTER

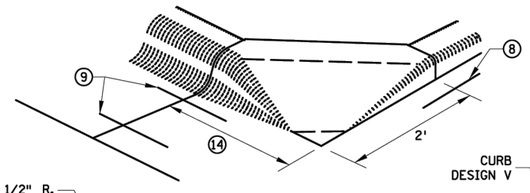


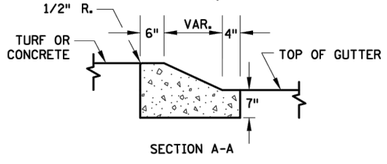
RADIAL DETECTABLE WARNING



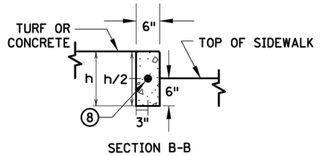
RECTANGULAR DETECTABLE WARNING

DETECTABLE EDGE WITHOUT CURB AND GUTTER

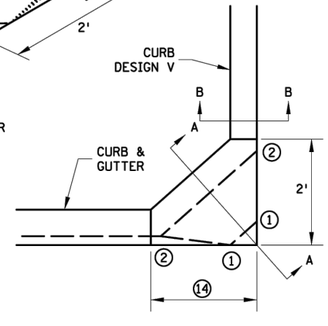




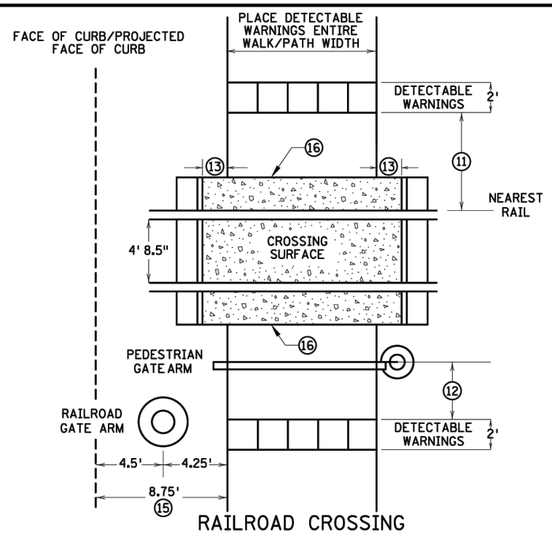
SECTION A-A



SECTION B-B



PEDESTRIAN APPROACH
NOSE DETAIL
(FOR RETURNED CURB
SIDE TREATMENT)



RAILROAD CROSSING
PLAN VIEW

NOTES:

INTERMEDIATE CURB HEIGHTS TAPER SHALL RISE AT 8-10% TO A MINIMUM 3 INCH CURB HEIGHT. INCREASE CURB TAPER LENGTH AT LESS THAN 8% OR REDUCE INTERMEDIATE CURB HEIGHT TO 2+ INCHES IF NECESSARY TO MATCH ADJACENT BOULEVARD OR SIDEWALK GRADES.

SEE STANDARD PLATE 7038 AND THIS SHEET FOR ADDITIONAL DETAILS ON DETECTABLE WARNING.

A WALKABLE SURFACE IS DEFINED AS A PAVED SURFACE ADJACENT TO A CURB RAMP WITHOUT RAISED OBSTACLES THAT COULD MISTAKENLY BE TRAVERSED BY A USER WHO IS VISUALLY IMPAIRED.

CONCRETE FLARE LENGTHS ADJACENT TO NON-WALKABLE SURFACES SHOULD BE LESS THAN 8' LONG MEASURED ALONG THE RAMPS FROM THE BACK OF CURB.

① 0" CURB HEIGHT. SEE INSET A ON SHEET 3 OF 6.

② FULL CURB HEIGHT.

③ SIDE TREATMENTS ARE APPLICABLE TO ALL RAMP TYPES AND SHOULD BE IMPLEMENTED AS NEEDED AS FIELD CONDITIONS DICTATE. THE ENGINEER SHALL DETERMINE THE RAMP SIDE TREATMENTS BASED ON MAINTENANCE OF BOTH ROADWAY AND SIDEWALK, ADJACENT PROPERTY CONSIDERATIONS, AND MITIGATING CONSTRUCTION IMPACTS.

④ TYPICALLY USED FOR MEDIANS AND ISLANDS.

⑤ WHEN NO CONCRETE FLARES ARE PROPOSED, THE CONCRETE WALK SHALL BE FORMED AND CONSTRUCTED PERPENDICULAR TO THE EDGE OF ROADWAY. MAINTAIN 3" MAX. BETWEEN EDGE OF DOMES AND EDGE OF CONCRETE.

⑥ IF NO CURB AND GUTTER IS PLACED IN RURAL SECTIONS, DETECTABLE WARNINGS SHALL BE PLACED 1' FROM THE EDGE OF BITUMINOUS ROADWAY AND/OR BITUMINOUS SHARED-USE PATH TO PROVIDE VISUAL CONTRAST.

⑦ ALL CONSTRUCTED CURBS MUST HAVE A CONTINUOUS DETECTABLE EDGE FOR THE VISUALLY IMPAIRED. THIS DETECTABLE EDGE REQUIRES DETECTABLE WARNINGS WHEREVER THERE IS ZERO-INCH HIGH CURB. CURB TAPERS ARE CONSIDERED A DETECTABLE EDGE WHEN THE TAPER STARTS WITHIN 3" OF THE EDGE OF THE DETECTABLE WARNINGS, AND UNIFORMLY RISES TO A 3-INCH MINIMUM CURB HEIGHT. ANY CURB NOT PART OF A CURB TAPER AND LESS THAN 3 INCHES IN HEIGHT IS NOT CONSIDERED A DETECTABLE EDGE AND THEREFORE IS NOT COMPLIANT WITH ACCESSIBILITY STANDARDS.

⑧ DRILL AND GROUT 1 - NO. 4 12" LONG REINFORCEMENT BAR (EPOXY COATED) WITH 3" MIN. COVER. REINFORCEMENT BARS ARE NOT NEEDED IF THE APPROACH NOSE IS POURED INTEGRAL WITH THE V CURB.

⑨ DRILL AND GROUT 2 - NO. 4 12" LONG REINFORCEMENT BARS (EPOXY COATED) WITH 3" MIN. COVER. REINFORCEMENT BARS ARE NOT NEEDED IF THE APPROACH NOSE IS POURED INTEGRAL WITH THE CURB AND GUTTER.

⑩ SIDE TREATMENT EXAMPLES SHOWN ARE WHEN THE INITIAL LANDING IS APPROXIMATELY LEVEL WITH THE FULL HEIGHT CURB (I.E. 6' LONG RAMP FOR 6" HIGH CURB). WHEN THE INITIAL LANDING IS MORE THAN 1" BELOW FULL HEIGHT CURB REFER TO SHEETS 1 & 2 TO MODIFY THE CURB HEIGHT TAPERS AND MAINTAIN POSITIVE BOULEVARD DRAINAGE. CONSTRUCT THESE TAPERS AT 0"-3" AT 8-10%, THEN LESS THAN 5% FROM 3" CURB TO FULL CURB HEIGHT.

⑪ NEAREST EDGE OF DETECTABLE WARNING SURFACES SHALL BE PLACED 12' MINIMUM TO 15' MAXIMUM FROM THE NEAREST RAIL. FOR SKEWED RAILWAYS IN NO INSTANCE SHALL THE DETECTABLE WARNING BE CLOSER THAN 12' MEASURED PERPENDICULAR TO THE NEAREST RAIL.

⑫ WHEN PEDESTRIAN GATES ARE PROVIDED, DETECTABLE WARNING SURFACES SHALL BE PLACED ON THE SIDE OF THE GATES OPPOSITE THE RAIL, 2' FROM THE APPROACHING SIDE OF THE GATE ARM. THIS CRITERIA GOVERNS OVER NOTE ⑪.

⑬ CROSSING SURFACE SHALL EXTEND 2' MINIMUM PAST THE OUTSIDE EDGE OF WALK OR SHARED-USE PATH.

⑭ 3' FOR MEDIANS AND SPLITTER ISLANDS. NOSE CAN BE REDUCED TO 2' ON FREE RIGHT ISLANDS.

⑮ SIDEWALK TO BE PLACED 8.75' MIN. FROM THE FACE OF CURB/PROJECTED FACE OF CURB. THIS ENSURES MIN. CLEARANCE BETWEEN THE SIDEWALK AND GATE ARM COUNTERWEIGHT SUPPORTS.

⑯ CONSTRUCT WITH EXPANSION MATERIAL PER MNDOT SPECIFICATION 3702 TYPES A-E. EXPANSION MATERIAL SHALL MATCH FULL HEIGHT OF ADJACENT CONCRETE.

REVISION:

APPROVED: 11-04-2021

JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 | 4 OF 6

APPROVED: 11-04-2021
REVISED:

THOMAS STYRBICKI
STATE DESIGN ENGINEER

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

DATE	REVISION

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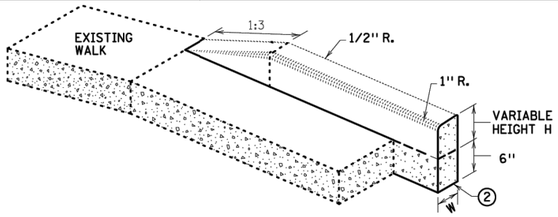
DESIGNED BY:	---	
DRAWN BY:	---	DATE:
CHECKED BY:	---	FILE: 24-13

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

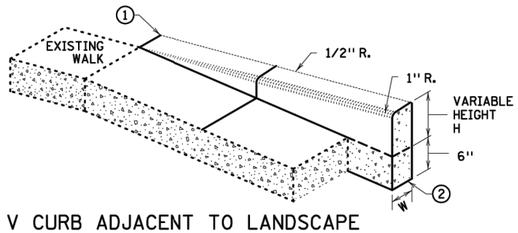
MNDOT PEDESTRIAN RAMP DETAILS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

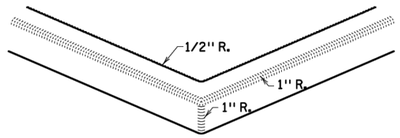
SHEET 11 OF 77 SHEETS



V CURB ADJACENT TO LANDSCAPE
CURB WITHIN SIDEWALK LIMITS

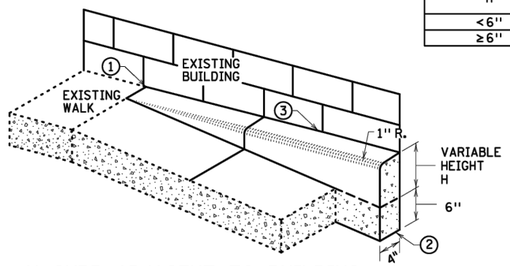


V CURB ADJACENT TO LANDSCAPE
CURB OUTSIDE SIDEWALK LIMITS

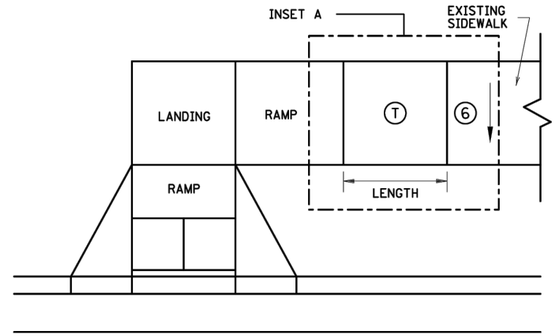


V CURB INTERSECTION

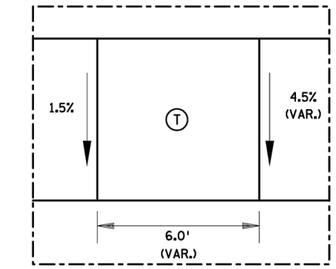
CONCRETE CURB DESIGN V	
CURB HEIGHT H	CURB WIDTH W
<6"	4"
≥6"	6"



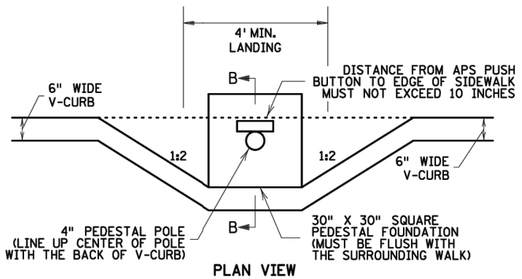
V CURB ADJACENT TO BUILDING OR BARRIER



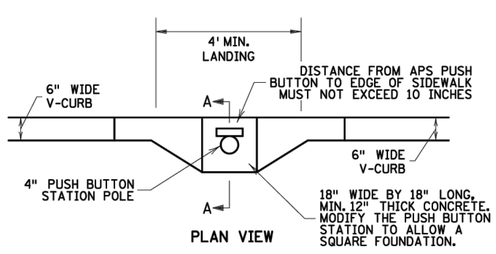
TRANSITION PANEL ④⑤



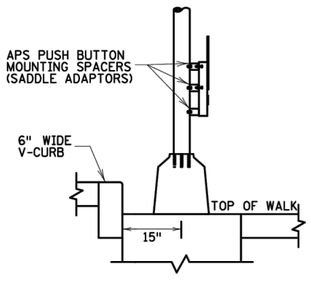
INSET A



PLAN VIEW

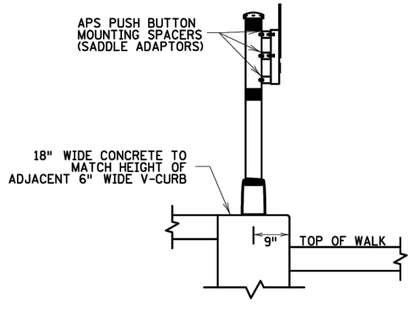


PLAN VIEW



SECTION B-B

SIGNAL PEDESTAL & PUSH BUTTON (V-CURB)



SECTION A-A

PUSH BUTTON STATION (V-CURB)

NOTES:

A WALKABLE FLARE IS AN 8-10% CONCRETE FLARE THAT IS REQUIRED WHEN THE FLARE IS ADJACENT TO A WALKABLE SURFACE, OR WHEN THE PEDESTRIAN PATH OF TRAVEL OF A PUSH BUTTON TRAVERSES THE FLARE.

ALL V CURB CONTRACTION JOINTS SHALL MATCH CONCRETE WALK JOINTS.

WHERE RIGHT-OF-WAY ALLOWS, USE OF V CURB SHOULD BE MINIMIZED. GRADING ADJACENT TURF OR SLOPING ADJACENT PAVEMENT IS PREFERRED.

V CURB SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS.

V CURB NEXT TO BUILDING SHALL BE A 4" WIDTH AND SHALL MATCH PREVIOUS TOP OF SIDEWALK ELEVATIONS.

(1) END TAPERS AT TRANSITION SECTION SHALL MATCH INPLACE SIDEWALK GRADES.

(2) ALL V CURB SHALL MATCH BOTTOM OF ADJACENT WALK.

(3) CONSTRUCT USING APPROVED EXPANSION MATERIAL PER MNDOT TYPE A-E EXPANSION. LEAVE A MINIMUM ½" TOP GAP AND SEAL WITH MNDOT APPROVED SILICONE PER MNDOT SPEC 3722.

(4) THE MAX. RATE OF CROSS SLOPE TRANSITIONING IS 1' LINEAR FOOT OF SIDEWALK PER HALF PERCENT CROSS SLOPE. WHEN PAR WIDTH IS GREATER THAN 6' OR THE RUNNING SLOPE IS GREATER THAN 5%, DOUBLE THE CALCULATED TRANSITION LENGTH.

(5) TRANSITION PANELS ARE TO ONLY BE USED AFTER THE RAMP, OR IF NEEDED, LANDING ARE AT THE FULL CURB HEIGHT (TYPICAL SECTION).

(6) EXISTING CROSS SLOPE GREATER THAN 2.0%.

LEGEND

THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.

(S) 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%.

LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.

(T) TRANSITION PANEL(S) - TO BE USED FOR TRANSITIONING THE CROSS-SLOPE OF A RAMP TO THE EXISTING WALK CROSS-SLOPE. RATE OF TRANSITION SHOULD BE 0.5% PER 1 LINEAR FOOT OF WALK. SEE THIS SHEET FOR ADDITIONAL INFORMATION.

REVISION:

APPROVED: 11-04-2021
JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 | 5 OF 6

APPROVED: 11-04-2021
REVISED:

THOMAS STYRBICKI
STATE DESIGN ENGINEER

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

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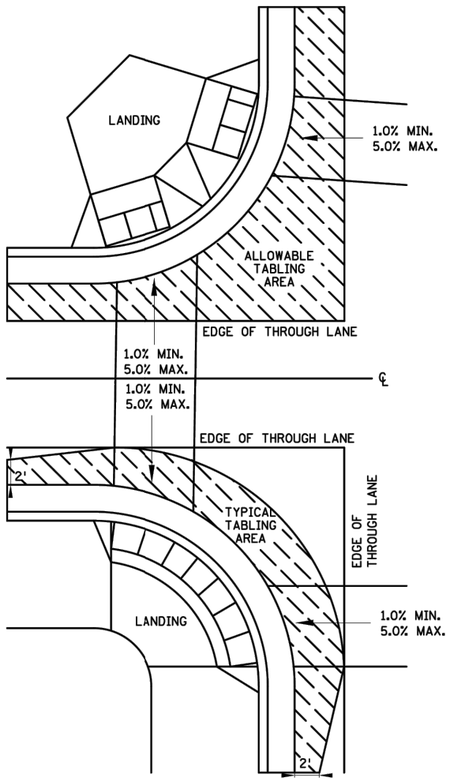
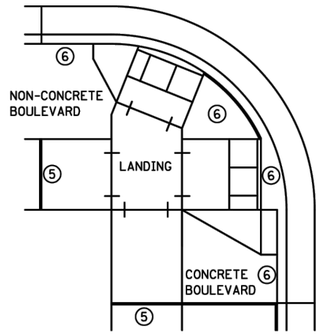
MNDOT PEDESTRIAN RAMP DETAILS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

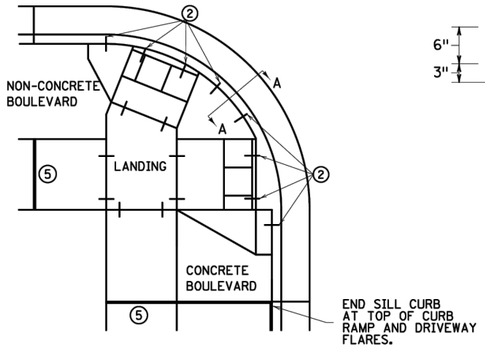
SHEET 12 OF 77 SHEETS



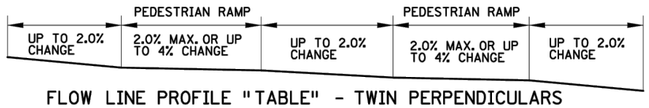
CURB LINE AND ROAD CROSSING ADJUSTMENTS



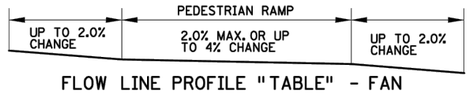
EXPANSION MATERIAL PLACEMENT
FOR CONCRETE ROADWAYS



CURB LINE REINFORCEMENT ④
PLACEMENT ON BITUMINOUS ROADWAYS

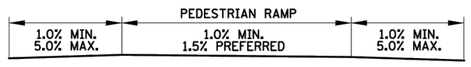


FLOW LINE PROFILE "TABLE" - TWIN PERPENDICULARS

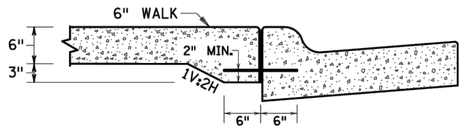


FLOW LINE PROFILE "TABLE" - FAN

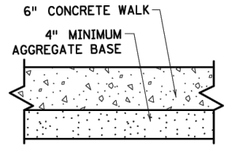
FLOW LINE PROFILE RAISE - TWIN PERPENDICULARS



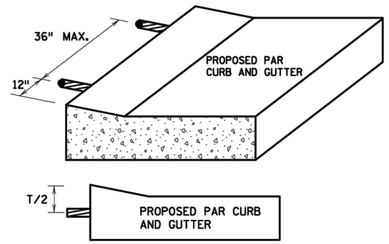
FLOW LINE PROFILE RAISE - FAN



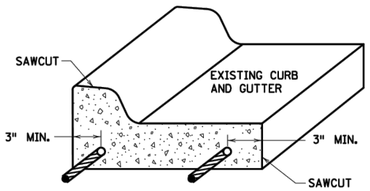
SECTION VIEW A-A
THICKENED SECTION
THROUGH CURB RAMP FLARES



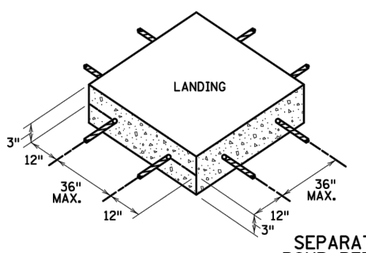
TYPICAL SIDEWALK SECTION
WITHIN INTERSECTION CORNER

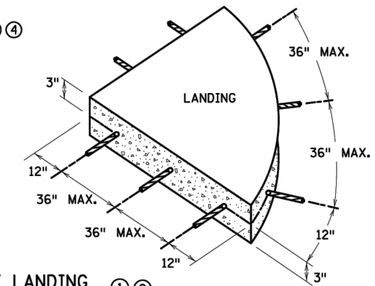


CURB RAMP REINFORCEMENT DETAILS ②④



CURB AND GUTTER
REINFORCEMENT ③





SEPARATE LANDING
POUR REINFORCEMENT ①②

GENERAL NOTES:

"TABLING" OF CROSSWALKS MEANS MAINTAINING LESS THAN 2% CROSS SLOPE WITHIN A CROSSWALK, IS REQUIRED WHEN A ROADWAY IS IN A STOP OR YIELD CONDITION AND THE PROJECT SCOPE ALLOWS.

RECONSTRUCTION PROJECTS: ON FULL PAVEMENT REPLACEMENT PROJECTS "TABLING" OF ENTIRE CROSSWALK SHALL OCCUR WHEN FEASIBLE.

MILL & OVERLAY PROJECTS: "TABLING" OF FLOW LINES, IN FRONT OF THE PEDESTRIAN RAMP, IS REQUIRED WHEN THE EXISTING FLOW LINE IS GREATER THAN 2%. WARPING OF THE BITUMINOUS PAVEMENT CAN NOT EXTEND INTO THE THROUGH LANE. TABLE THE FLOW LINE TO 2% OR AS MUCH AS POSSIBLE WHILE ADHERING TO THE FOLLOWING CRITERIA:
1) 1.0% MIN. CROSS-SLOPE OF THE ROAD
2) 5.0% MAX. CROSS-SLOPE OF THE ROAD
3) "TABLE" FLOW LINE UP TO 4% CHANGE FROM EXISTING SLOPE IN FRONT OF PEDESTRIAN RAMP
4) UP TO 2% CHANGE IN FLOW LINE FROM EXISTING SLOPE BEYOND THE PEDESTRIAN CURB RAMP

STAND-ALONE ADA RETROFITS: FOLLOW MILL & OVERLAY CRITERIA ABOVE HOWEVER ALL PAVEMENT WARPING IS DONE WITH BITUMINOUS PATCHING ON BITUMINOUS ROADWAYS AND FULL-DEPTH APRON REPLACEMENT ON CONCRETE ROADWAYS.

RAISING OF CURB LINES SHOULD OCCUR IN VERTICALLY CONSTRAINED AREAS. RAISE THE CURB LINES ENOUGH TO ALLOW COMPLIANT RAMPS OR AS MUCH AS POSSIBLE WHILE ADHERING TO THE FOLLOWING CRITERIA:
1) 1.0% MIN. AND 5.0% MAXIMUM CROSS-SLOPE OF THE ROAD
2) 1.0% MIN. FLOW LINE (ON EITHER SIDE OF PEDESTRIAN RAMP) TO MAINTAIN POSITIVE DRAINAGE
3) 5.0% RECOMMENDED MAX. FLOW LINE
4) LONGITUDINAL THROUGH LANE ROADWAY TAPERS SHOULD BE 1" VERTICAL PER 15' HORIZONTAL

NOTES:

① TO ENSURE RAMPS AND LANDINGS ARE PROPERLY CONSTRUCTED, ALL INITIAL LANDINGS AT A TOP OF A RAMPED SURFACE (RUNNING SLOPE GREATER THAN 2%) SHALL BE FORMED AND PLACED SEPARATELY IN AN INDEPENDENT CONCRETE POUR. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON THIS SHEET FOR ALL SEPARATELY POURED INITIAL LANDINGS.

② DRILL AND GROUT NO. 4 12" LONG REINFORCEMENT BARS (EPOXY COATED) AT 36" MAXIMUM CENTER TO CENTER MINIMUM 12" SPACING FROM CONSTRUCTION JOINTS. BARS TO BE ADJUSTED TO MATCH RAMP GRADE. BARS TO BE PAID BY EACH.

③ DRILL AND GROUT 2 - NO. 4 X 12" LONG (6" EMBEDDED) REINFORCEMENT BARS (EPOXY COATED). REINFORCEMENT REQUIRED FOR ALL CONSTRUCTION JOINTS. BARS TO BE PAID BY EACH.

④ THIS CURB LINE REINFORCEMENT DETAIL SHALL BE USED ON BITUMINOUS ROADWAYS. FOR CONCRETE ROADWAYS, SEE NOTE 6.

⑤ CONSTRUCT WITH EXPANSION MATERIAL PER MNDOT SPECIFICATION 3702 TYPES A-E. EXPANSION MATERIAL SHALL MATCH FULL HEIGHT OF ADJACENT CONCRETE.

⑥ USE AN APPROVED TYPE F (1/4 INCH THICK) SEPARATION MATERIAL. SEPARATION MATERIAL SHALL MATCH FULL HEIGHT DIMENSION OF ADJACENT CONCRETE.

REVISION:

APPROVED: 11-04-2021
JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 | 6 OF 6

APPROVED: 11-04-2021
REVISED:
THOMAS STYRBICKI
STATE DESIGN ENGINEER

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

DATE	REVISION

Nov 14, 2024 - 11:28am
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CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

MNDOT PEDESTRIAN RAMP DETAILS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 13 OF 77 SHEETS

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION

CITY OF RAMSEY
ANOKA COUNTY, MINNESOTA

DESCRIPTION OF CONSTRUCTION ACTIVITIES AND STORMWATER MANAGEMENT:

Construction activities include; Site Grading, Storm Sewer Replacement, Temporary Erosion and Sediment Control, Roadway Construction, and Permanent Stabilization.

Project Description: This project consists of reconstructing 2.16 miles of existing urban bituminous streets, using full depth reclamation and some soil corrections. The project also includes two new pedestrian ramps as well as replacement of existing damaged storm sewer and some new storm sewer. The drainage for the existing streets use bituminous curb which will be switched to concrete surmountable curb and gutter. Outfall locations will generally remain the same, with the exception of one storm sewer pipe which will extend further south than the existing pipe from 173rd Ave to an existing wetland in the center of the subdivision. Runoff generally drains north to Trott Brook.

RESPONSIBLE PARTIES:

The Contractor and Owner must apply for coverage under the MPCA's General Storm Water Permit for Construction Activity as required by the National Pollution Discharge Elimination System (NPDES) Phase II program. Coverage under the permit will begin automatically 7 calendar days after the electronic submittal date or after the postmarked date of a complete application. (Longer time frames will apply to areas disturbing 50 acres or discharge within 1 mile of a special water).

	COMPANY	CONTACT PERSON	PHONE
OWNER:	CITY OF RAMSEY	BRUCE WESTBY, PE	763-433-9825
SWPPP DESIGNER:	CITY OF RAMSEY	LOGAN CZECH	763-453-2531
CONTRACTOR:			
SITE MANAGER:			
PARTY RESPONSIBLE FOR LONG TERM O&M:	CITY OF RAMSEY	BRUCE WESTBY, PE	763-433-9825

Individuals listed above, including the SWPPP preparer, individual overseeing implementation of, revising and amending the SWPPP, Individuals performing or supervising the installation, maintenance and repair of BMP's must be trained. At least one individual present on the permitted project, or available within 72 hours shall be trained in the applicable job duties. Documentation showing training commensurate with the job duties and responsibilities is required to be included in the SWPPP prior to any work beginning on the site. Copies of the SWPPP preparer information is included in the Project Manual. The Contractor shall provide information for the individual(s) overseeing implementation, supervising installation, maintenance, and repair of BMP's to be included in the Project Manual prior to the start of construction. This information shall be kept up to date until the project NOT is filed.

Documentation shall include:

a. Names of trained personnel associated with this project.
b. Dates of training, names of instructor(s) and entity providing training.
c. Content of training course or workshop including the number of hours trained.
d. As an alternative to a, b, and c listed above, a photocopy of the current Erosion and Stormwater Management card issued by the University of Minnesota can be attached to the SWPPP as suitable documentation of training.

DOCUMENTATION RETENTION:

The following documentation will be retained for a period of not less than 3-years form the date of submittal of the NOT.

1. The final SWPPP.
2. Copies of all stormwater related permits required for the project.
3. Records of all inspection and maintenance conducted during construction.
4. Copies of all permanent operation and maintenance agreements; including all right-of-way, contracts, covenants and other binding requirements regarding perpetual maintenance.
5. All required calculations for design of temporary and permanent BMP's.

IMPLEMENTATION SCHEDULE AND PHASING:

1. Furnish & Install perimeter sediment control and inlet protection.
2. Reclamation of existing bituminous pavement.
3. Replacement of damaged storm sewer and addition of new storm sewer.
4. Perform soil corrections.
5. Rough grade site.
6. Furnish & install curb & gutter.
7. Furnish & install bituminous pavement.
8. Add additional temporary BMP's as necessary during construction based on inspection reports.
9. Submit Notice of Termination (NOT) to MPCA within 30 days of final stabilization.

FINAL STABILIZATION:

The permittee(s) must ensure final stabilization of the site. The permittee(s) must submit a NOT within 30 days after final stabilization is complete, or another owner/operator (permittee) has assumed control over all areas of the site which have not undergone final stabilization. Final stabilization can be achieved in one of the following ways:

1. All soil disturbing activities at the site have been completed and all soils must be stabilized by a uniform perennial vegetative cover with a density of 70 percent over the entire pervious surface area, or other equivalent means necessary to prevent soil failure under erosive conditions and;

a. All drainage ditches, constructed to drain water from the site after construction is complete, must be stabilized to preclude erosion;
b. All temporary synthetic, and structural erosion prevention and sediment control BMP's (such as silt fence) must be removed as part of the site final stabilization; and
c. The permittee(s) must clean out all sediment from conveyances and from temporary sedimentation basins to be used as permanent water quality management basins. Sediment must be stabilized to prevent it from being washed back into the basin, conveyances or drainage ways discharging off-site or to surface waters. The cleanout of permanent basins must be sufficient to return the basin to design capacity.

2. Final vegetation cover shall be in the Project Specifications.
3. For residential construction only, final stabilization has been achieved when temporary erosion protection and down gradient perimeter control for individual lots has been completed and the residence has been transferred to the homeowner. Additionally, the permittee must distribute the MPCA "Homeowner fact sheet" to the homeowner to inform the homeowner of the need for, and benefits of, final stabilization.

SPECIAL ENVIRONMENTAL CONSIDERATIONS:

Was an environmental review required for this project or any part of a common plan of development or sale that includes all or any portion of this project?	NO
Does any portion of the site have the potential to affect threatened or endangered species?	NO
Does any portion of this site discharge to a Calcareous Fen and the letter of approval from the DNR is located in the Project Manual?	NO
Will any portion of this site potentially affect properties listed on the National Register of Historic Places or a Known or Discovered Archeological site?	NO
Have any Karst features been identified in the project vicinity?	NO
Is compliance with temporary or permanent stormwater management design requirements infeasible for this project?	NO

POLLUTION PREVENTION MANAGEMENT MEASURES:

The permittee(s) shall implement the following pollution prevention management measures on the site:

1. Solid waste: collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with MPCA disposal regulations.
2. Hazardous materials: oil, gasoline, paint and any hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in compliance with MPCA regulations.
3. External washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on site.

GENERAL STORMWATER DISCHARGE REQUIREMENTS:

All requirements listed in Part 15 of the permit for the design of permanent stormwater treatment system and discharge have been included in the preparation of this SWPPP. These include but are not limited to:

1. The expected amount, frequency, intensity and duration of precipitation.
2. The nature of stormwater runoff and run-on at the site.
3. Peak flow rates and stormwater volumes to minimize erosion at outlets and downstream channel and stream bank erosion.
4. The range of soil particle sizes expected to be present on the site.

RECEIVING WATERS:

Recieving waters, including surface water, wetlands, Public Waters, and stormwater ponds are identified on the USGS 7.5min quad map within 1 mile of the project boundary. Receiving waters that are impaired, the impairment and WLA are listed as follows. All specific BMP's relative to construction activities listed in this permit for special and impaired waters have been incorporated into this plan. All specific BMP's listed in approved TMDLs and those BMP's listed for construction related waste load allocations have also been incorporated.

NAME OF WATER BODY	TYPE (DITCH, POND, WETLAND, LAKE, ETC.)	APPENDIX A SPECIAL WATER?	FLOWS TO IMPAIRED WATER WITHIN 1 MILE?	USEPA APPROVED TMDL?
RUM RIVER	RIVER	YES	YES	YES
DO; FISHESBIO; INVERTBIO				

PROJECT AREAS:

Total project size (disturbed area) =	11.46	acres
Existing area of impervious surface =	8.63	acres
Post construction area of impervious surface =	8.76	acres
Impervious surface area increased =	0.13	acres
Planned construction start date:	**May 2025**	
Planned construction completion date:	**Aug 2025**	

PROJECT LOCATION:

County: ANOKA Township: 32 Range: 25 Section: 2,11 Latitude: 45.282474 Longitude: -93.423542

PERMANENT STORMWATER MANAGEMENT SYSTEM:

Type of storm water management used if more than 1 acre of new impervious surface is created:

a. Wet Sedimentation Pond
b. Infiltration / Filtration
c. Regional Pond
d. Permanent Stormwater Management Not Required

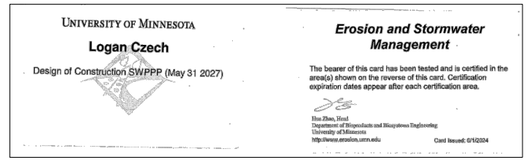
LOCATION OF SWPPP REQUIREMENTS IN PROJECT PLAN:

DESCRIPTION	LOCATION
TEMPORARY EROSION CONTROL MEASURES	SHEETS No. 16 - 24
FINAL STABILIZATION	SHEETS No. 34 - 50
EROSION AND SEDIMENT CONTROL DETAILS	SHEET No. 06

EROSION AND SEDIMENT CONTROL QUANTITIES:

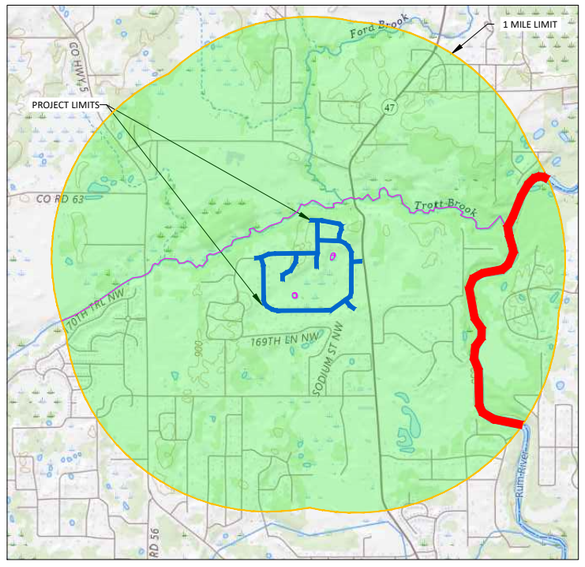
2573.501	STABILIZED CONSTRUCTION ENTRANCE	EA	2
2573.502	STORM DRAIN INLET PROTECTION	EA	23
2573.503	SEDIMENT CONTROL LOG TYPE STRAW	LF	50
2573.503	SILT FENCE, TYPE MS	LF	3610
2575.504	ROLLED EROSION PREVENTION CATEGORY 20	SY	1620

CERTIFICATION:



LEGEND

- PROJECT LIMITS
- 1 MILE LIMIT
- RECEIVING WATER
- IMPAIRED WATER



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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

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CHECKED BY:	JJF	FILE:	24-13

City of RAMSEY

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SWPPP

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 14 OF 77 SHEETS

SEQUENCE OF CONSTRUCTION:

Construction shall proceed in the following sequence:

1. Contractor shall schedule and conduct a pre-construction meeting with the City.
2. Contractor shall secure all necessary permits and licenses.
3. Furnish & install erosion control measures.
4. Maintain erosion control measures, i.e. silt fence, inlet protection.
5. Reclaim existing bituminous pavement and base.
6. Haul-off excess reclamation material.
8. Replace damaged storm sewer & Install new storm sewer.
9. Perform soil corrections.
10. Grade and compact reclamation material.
11. Furnish & install curb & gutter
13. Furnish & install base course of bituminous pavement
14. Complete restoration per plan.
14. Furnish & install wear course of bituminous pavement
15. Remove erosion control after vegetation is established.

ADDITIONAL STORMWATER POLLUTION PREVENTION, GRADING PLAN, AND SCHEDULE NOTES:

1. All slopes to be 1:4 unless approved by the city engineer.
2. Below grade structures shall be protected and meet drainage requirements per the city engineer.
3. Construction operation hours are from 7:00 a.m. - 10:00 p.m. Monday through Saturday.
4. Call Gopher State One Call for utility locations prior to any work at 1-800-252-1166.
5. Permittee may need to modify SWPPP if the general objectives of controlling pollutants is not being met.
6. Operator shall implement these and any other BMP's that may be required to meet the general permit requirements.
7. Site is not in karst area or pollution or remediation site.
8. Silt fence to be installed downhill from any grading activity.
9. If tracking onto adjacent streets occurs a street sweeper shall be used to clean streets within 8 hours or as directed by the engineer.
10. Dust control may be necessary during rough grading. No grading can take place if wind speed exceeds 25 mph.
11. Solid waste shall be collected and disposed of properly and must comply with MPCA disposal requirements.
12. Hazardous materials shall be stored properly to prevent spills and vandalism.
13. No engine degreasing is allowed on site. External washing of vehicles shall be limited to a defined area (bone yard) on site.
14. Permittee(s) shall adhere to all SWPPP specifications on the plan and other MPCA permit requirements.

EROSION PREVENTION PRACTICES:

1. The permittee(s) must plan for and implement appropriate construction phasing, vegetative buffer strips, horizontal slope grading, and other construction practices that minimize erosion, so that the inspection and maintenance requirements are complied with. The location of areas not to be disturbed must be delineated (e.g. with flags, stakes, signs, silt fence, etc.) on the development site before work begins.
2. All exposed soil areas must be stabilized as soon as practical, but in no case later than 7 days after the construction area has temporarily or permanently ceased.
   These areas include constructed stormwater management pond side slopes, and any exposed soil areas with a positive slope to a stormwater conveyance system, such as a curb and gutter system, storm sewer inlet, temporary or permanent drainage ditch or other natural or man made systems that discharge to a surface water.
3. The normal wetted perimeter of any temporary or permanent drainage ditch that drains water from a construction site, or diverts water around a site, must be stabilized within 200 lineal feet from the property edge, or from the point of discharge to any surface water. Stabilization must be completed within 24 hours of connecting to a surface water.
4. Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours of connection to a surface water.
5. All disturbed areas, except roadways, building areas, parking areas, islands and sidewalk, shall be restored with minimum 4 inches topsoil, seeded and mulched within 7 days of completion of site grading. Seeding shall be in accordance with MnDOT Specification 2575. Where side slopes exceed or equal 1:3 and running slope is greater than 1:50, a polypropylene netting or wood fiber blanket shall be provided and staked over the mulched area. Seed and mulch types and applications rates are per plan and specification.
6. Refer to restoration plan for areas to be seeded or sodded for erosion control.

DEWATERING AND BASIN DRAINING:

1. Dewatering or basin draining (e.g. pumped discharges, trench/ditch cuts for drainage) related to the construction activity that may have turbid or sediment laden discharge water must be discharged to a temporary or permanent sedimentation basin on the project site whenever possible. If the water cannot be discharged to a sedimentation basin prior to entering the surface water, it must be treated with the appropriate BMP's, such that the discharge does not adversely affect the receiving water or downstream landowners. The permittee(s) must ensure that discharge points are adequately protected from erosion and scour. The discharge must be dispersed over natural rock rip rap, sand bags, plastic sheeting or other accepted energy dissipation measures. Adequate sedimentation control measures are required for discharge water that contains suspended solids.
2. All water from dewatering or basin draining activities must be discharged in a manner that does not cause nuisance conditions, erosion in receiving channels or on downslope properties, or inundation in wetlands causing significant adverse impact to the wetland.

SEDIMENT CONTROL PRACTICES:

1. Sediment control practices must minimize sediment from entering surface waters, including curb and gutter systems and storm sewer inlets.
   a. Temporary or permanent drainage ditches and sediment basins that are designed as part of a treatment system (e.g. ditches with rock check dams) require sediment control practices only as appropriate for site conditions.
   b. If the down gradient treatment system is overloaded, additional upgradient sediment control practices must be installed to eliminate the overloading, and the SWPPP must be amended to identify these additional practices.
   c. In order to maintain sheet flow and minimize rills and/or gullies, there shall be no unbroken slope length of greater than 75 feet for slopes with a grade of 1:3 or steeper.
2. Sediment control practices must be established on all down gradient perimeters before any upgradient land disturbing activities begin. These practices shall remain in place until final stabilization has been established.
3. The timing of the installation of sediment control practices may be adjusted to accommodate short-term activities such as clearing or grubbing, or passage of vehicles. Any short-term activity must be completed as quickly as possible and the sediment control practices must be installed immediately after the activity is completed. However, sediment control practices must be installed before the next precipitation event even if the activity is not complete.
4. All storm drain inlets must be protected by appropriate BMP's during construction until all sources with potential for discharging to the inlet have been stabilized.
5. Temporary soil stockpiles must have silt fence or other effective sediment controls, and cannot be placed in surface waters, including stormwater conveyances such as curb and gutter systems, or conduits and ditches.
6. Stockpile areas which remain on the site for more than seven days shall be seeded, mulched, and surrounded by silt fence.
7. Vehicle tracking of sediment from the construction site must be minimized by BMP's such as stone pads, concrete or steel wash racks, or equivalent systems. Street sweeping must be used if such BMPs are not adequate to prevent sediment from being tracked onto the street.
8. The permittee must install temporary sedimentation basins as required.

INSPECTIONS AND MAINTENANCE:

1. The permittee(s) (either the owner or operator, whoever is identified in the SWPPP) must routinely inspect the construction site once every seven (7) days during active construction and within 24 hours after a rainfall event greater than 0.5-inches in 24 hours. Following an inspection that occurs within 24 hours after a rainfall event, the next inspection must be conducted within 7 days.
2. All inspections and maintenance conducted during construction must be recorded in writing and these records must be retained with the SWPPP. Records of each inspection and maintenance activity shall include:
   a. Date and time of inspections;
   b. Name of persons conducting inspections;
   c. Accurate findings of inspections, including the specific location where corrective actions are needed;
   d. Corrective actions taken (including dates, times, and party completing maintenance activities);
   e. Date of all rainfall events greater than ½ inches in 24 hours, and the amount of rainfall for each event. Permittee(s) must obtain rainfall amounts by either a properly maintained rain gauge installed onsite, a weather station that is within one (1) mile of your location, or a weather reporting system that provides site specific rainfall data from radar summaries;
   f. If permittee(s) observe a discharge (i.e., color, odor, settled or suspended solids, oil sheen, and other obvious indicators of pollutant(s);
   g. Any amendments to the SWPPP proposed as a result of the inspection must be documented as required in Section 6 of the general permit within seven (7) calendar days.
3. Where parts of the construction site have undergone final stabilization, but work remains on other parts of the site, inspections of the stabilized areas may be reduced to once per month. Where work has been suspended due to frozen ground conditions, the required inspections and maintenance must take place within 24 hours after runoff occurs at the site or 24 hours prior to resuming construction, whichever occurs first.
4. All erosion prevention and sediment control BMP's must be inspected to ensure integrity and effectiveness. All nonfunctional BMP's must be repaired, replaced, or supplemented with functional BMP's. The permittee(s) must investigate and comply with the following inspection and maintenance requirements:
   a. All silt fence must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches ⅓ of the height of the fence. These repairs must be made within 24 hours of discovery, or as soon as field conditions allow access.
   b. Temporary and permanent sedimentation basins must be drained and the sediment removed when the depth of sediment collected in the basin reaches ½ the storage volume. Drainage and removal must be completed within 72 hours of discovery, or as soon as field conditions allow access.
   c. Surface waters, including drainage ditches and conveyance systems, must be inspected for evidence of sediment being deposited by erosion. The permittee(s) must remove all deltas and sediment deposited in surface waters, including drainage ways, catch basins, and other drainage systems, and restabilize the areas where sediment removal results in exposed soil. The removal and stabilization must take place within seven (7) days of discovery unless precluded by legal, regulatory, or physical access constraints. The permittee shall use all reasonable efforts to obtain access. If precluded, removal and stabilization must take place within seven (7) calendar days of obtaining access. The permittee is responsible for contacting all local, regional, state and federal authorities and receiving any applicable permits, prior to conducting any work.
   d. Construction site vehicle exit locations must be inspected for evidence of off-site sediment tracking onto paved surfaces. Tracked sediment must be removed from all paved surfaces within 3 hours after notification by the City that sweeping is required.
   e. The permittee(s) are responsible for the operation and maintenance of temporary and permanent water quality management BMP's as well as all erosion prevention and sediment control BMP's, for the duration of the construction work at the site. The permittee(s) are responsible until another permittee has assumed control over all areas of the site that have not been finally stabilized or the site has undergone final stabilization, and a NOT has been submitted to the MPCA.
   f. If sediment escapes the construction site, off-site accumulations of sediment must be removed in a manner and at a frequency sufficient to minimize off-site impacts (e.g. fugitive sediment in streets could be washed into storm sewers by the next rain and/or pose a safety hazard to users of public streets).
5. All infiltration areas must be inspected to ensure that no sediment from ongoing construction activities is reaching the infiltration area and these areas are protected from compaction due to construction equipment driving across the infiltration area.
6. Storm sewer pipes and structures to be inspected and cleaned out.

DATE	REVISION

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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
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SWPPP

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
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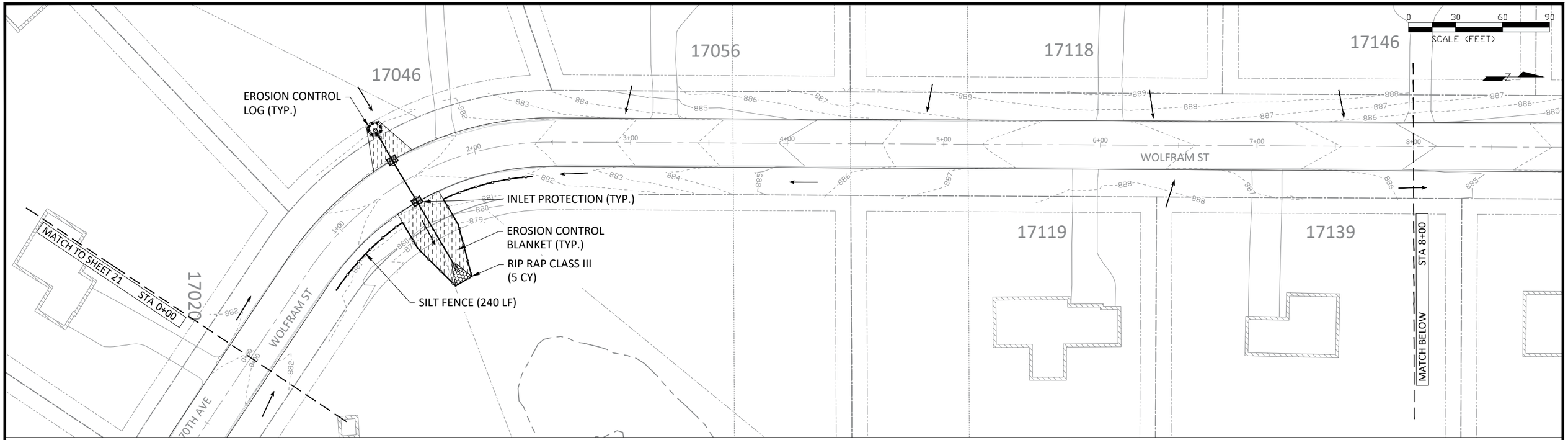

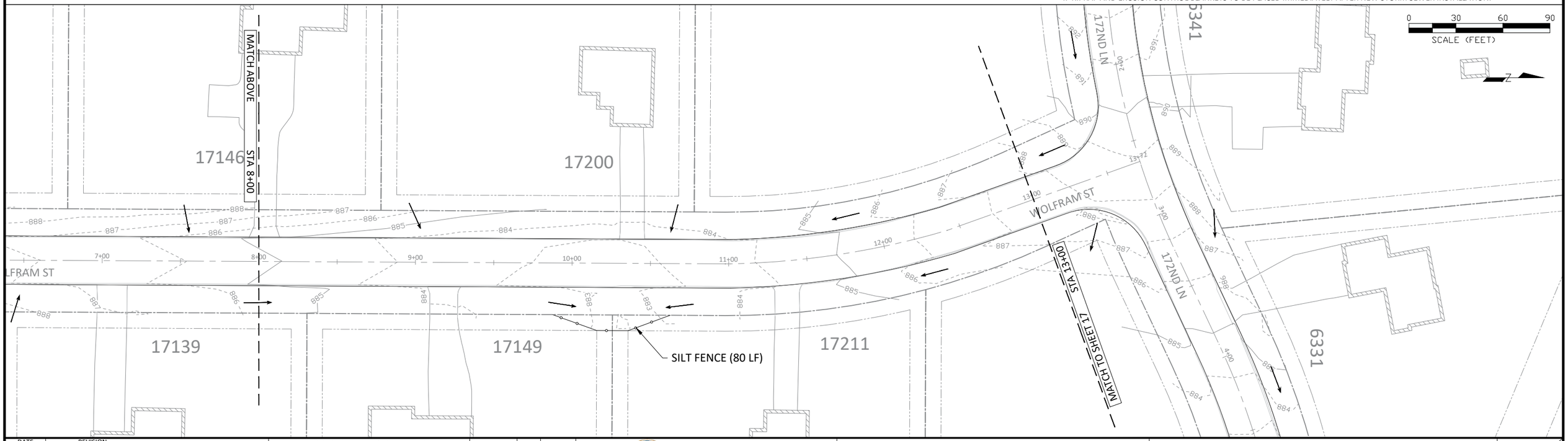

LEGEND

- SILT FENCE
- EROSION CONTROL LOG
- INLET PROTECTION
- EROSION CONTROL BLANKET
- RIPRAP CLASS III
- CONSTRUCTION EXIT
- DRAINAGE ARROW
- LOT LINE
- EASEMENT - DRAINAGE & UTILITY
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NOTE:
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EROSION CONTROL

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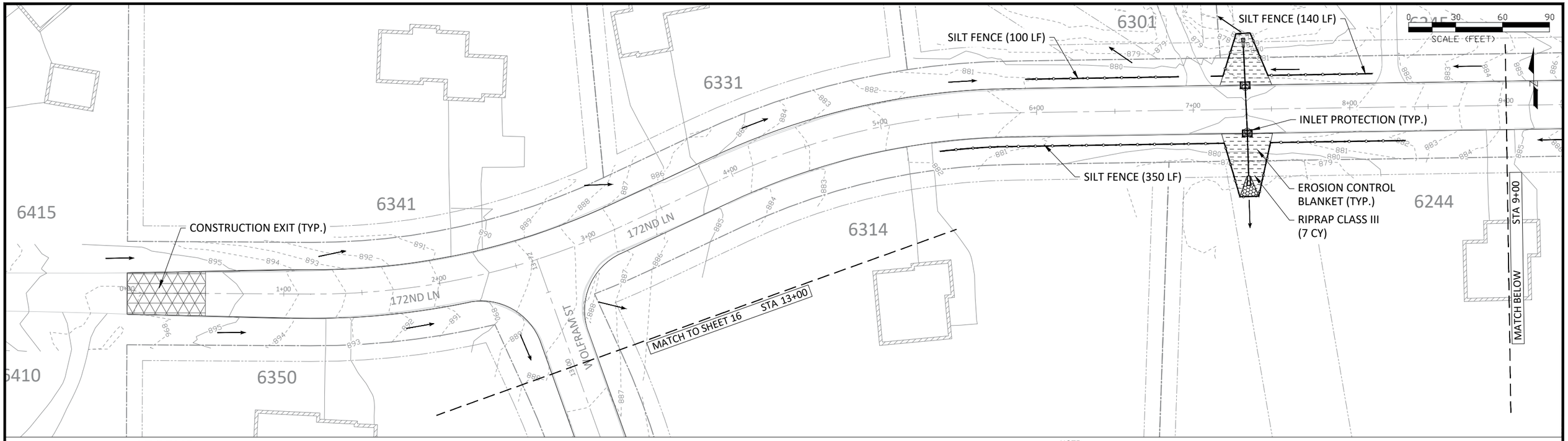
SHEET 16 OF 77 SHEETS



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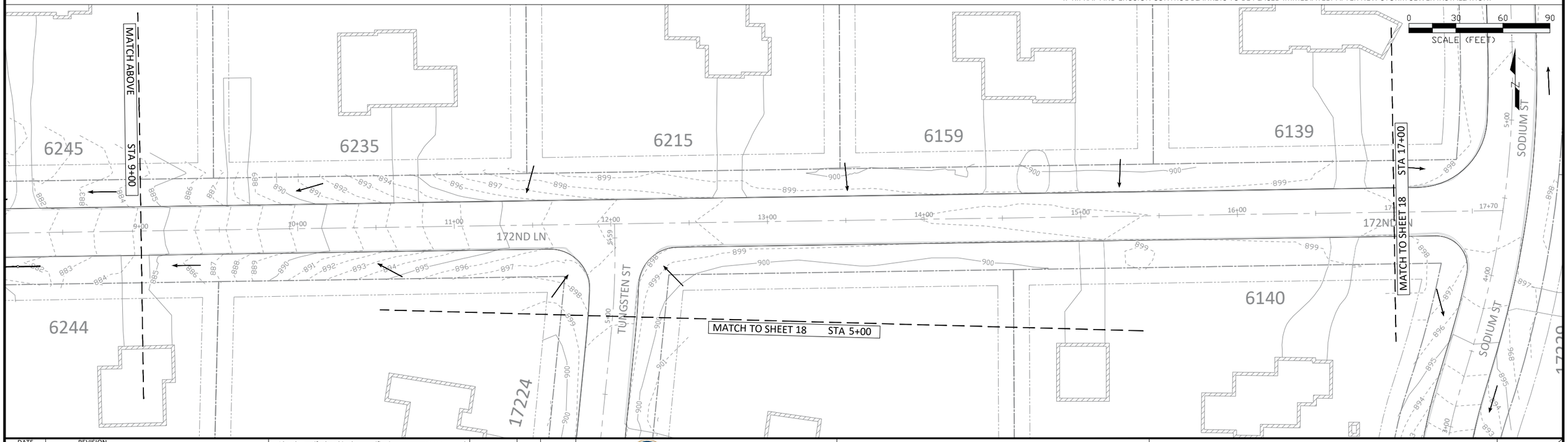

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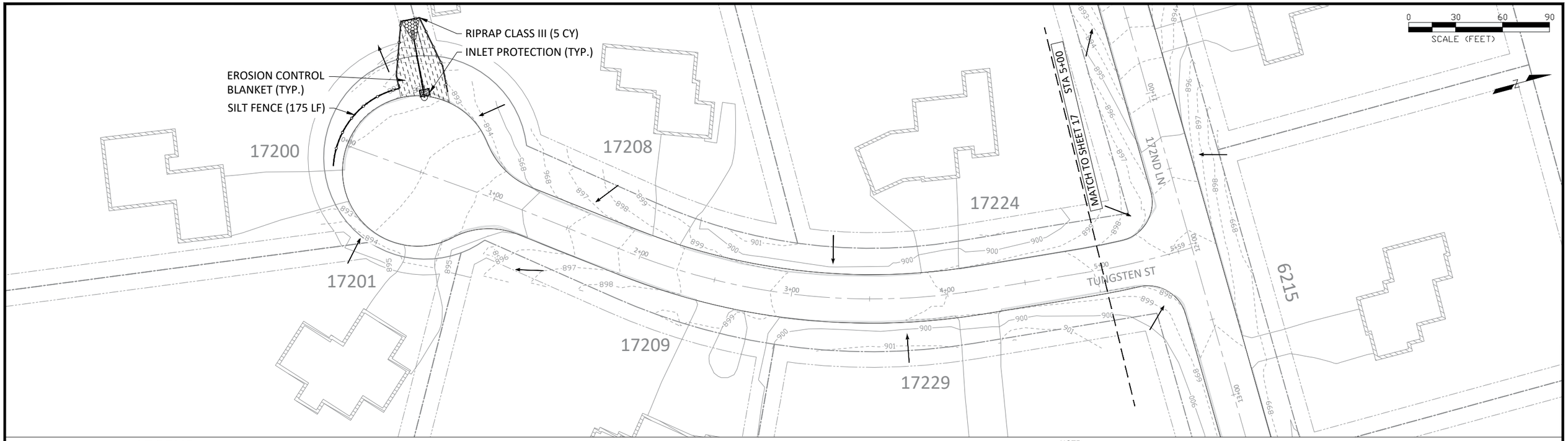

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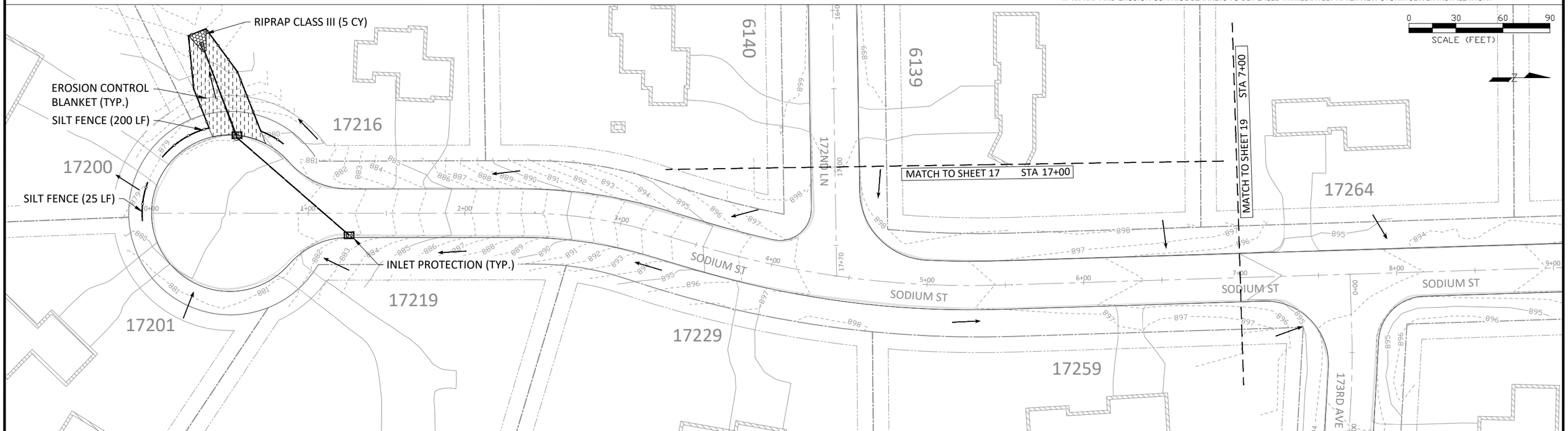

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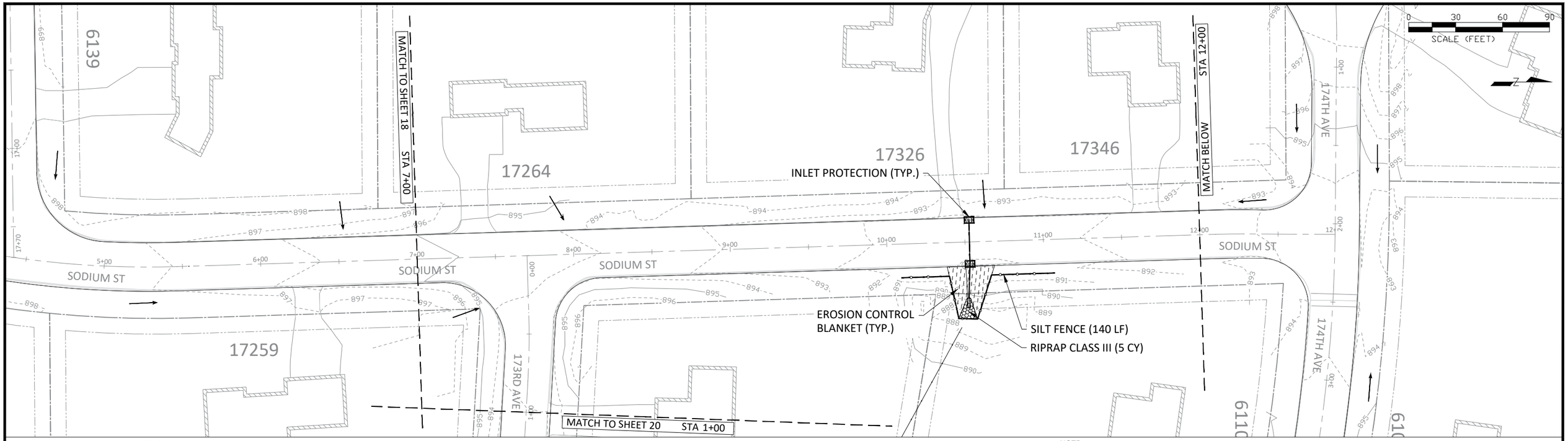

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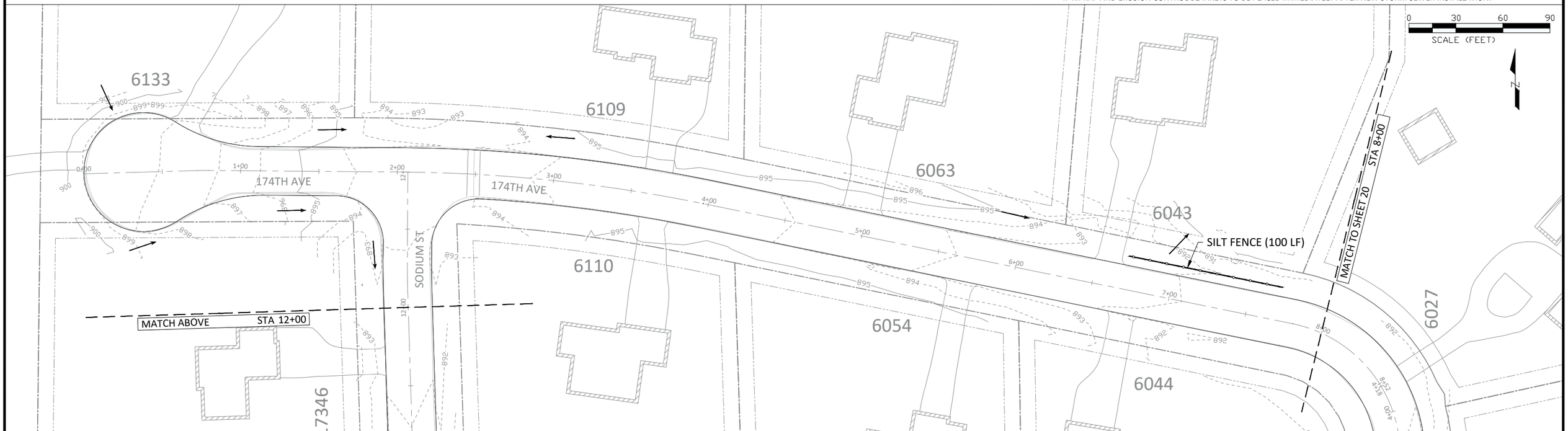

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DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

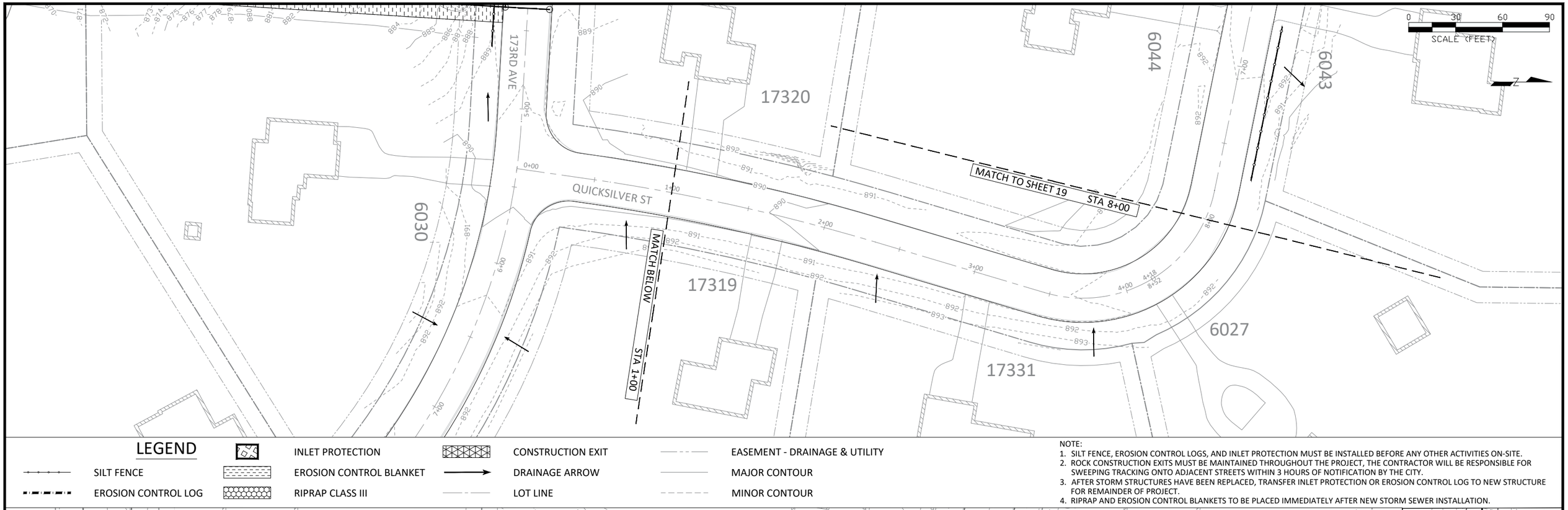
City of RAMSEY

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

EROSION CONTROL

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 19 OF 77 SHEETS



LEGEND

- SILT FENCE
- EROSION CONTROL LOG
- INLET PROTECTION
- EROSION CONTROL BLANKET
- RIPRAP CLASS III
- CONSTRUCTION EXIT
- DRAINAGE ARROW
- LOT LINE
- EASEMENT - DRAINAGE & UTILITY
- MAJOR CONTOUR
- MINOR CONTOUR

NOTE:
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DATE	REVISION

Nov 15, 2024 - 9:51am
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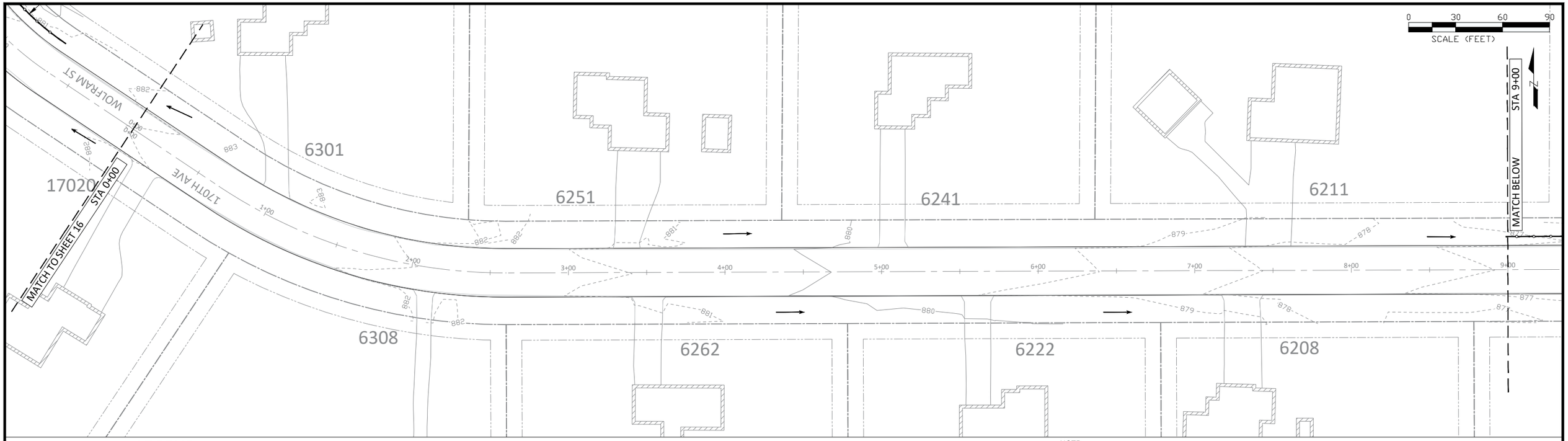
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 20 OF 77 SHEETS



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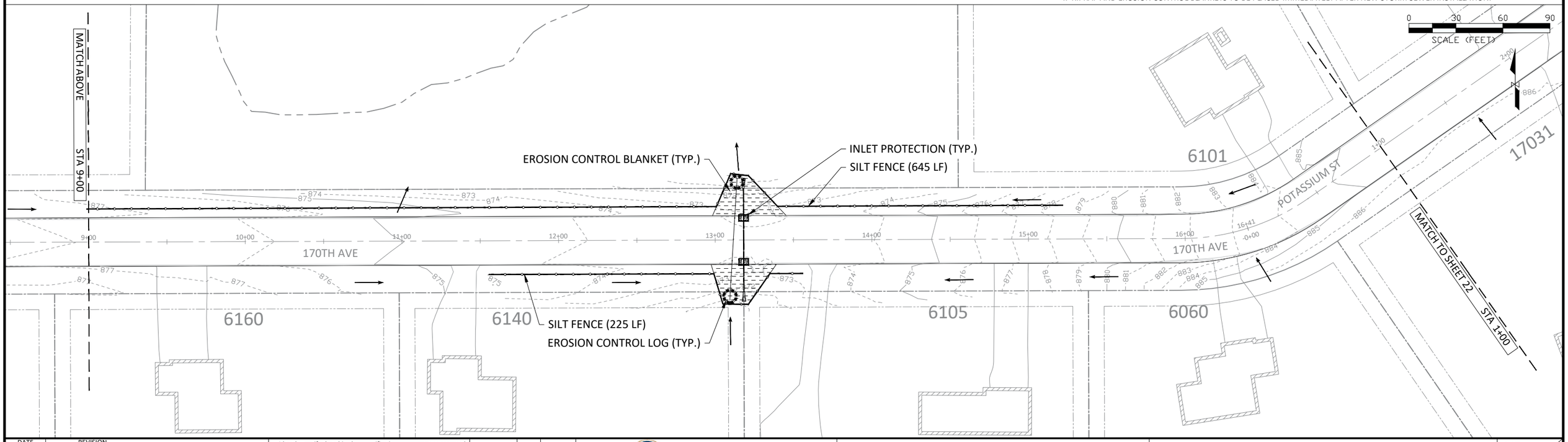

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Nov 15, 2024 - 9:32am
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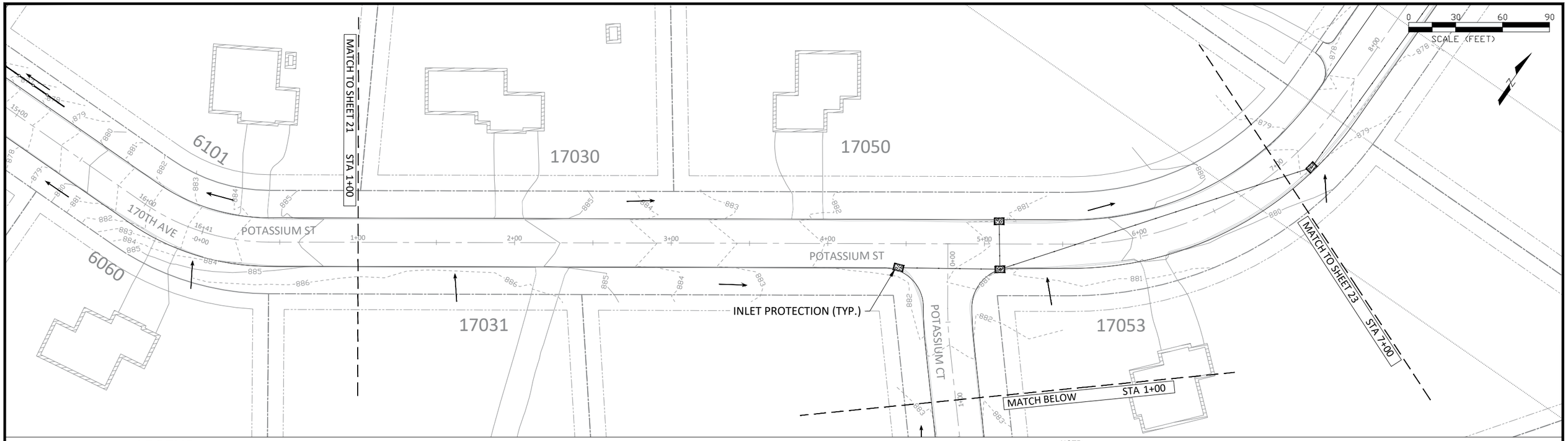

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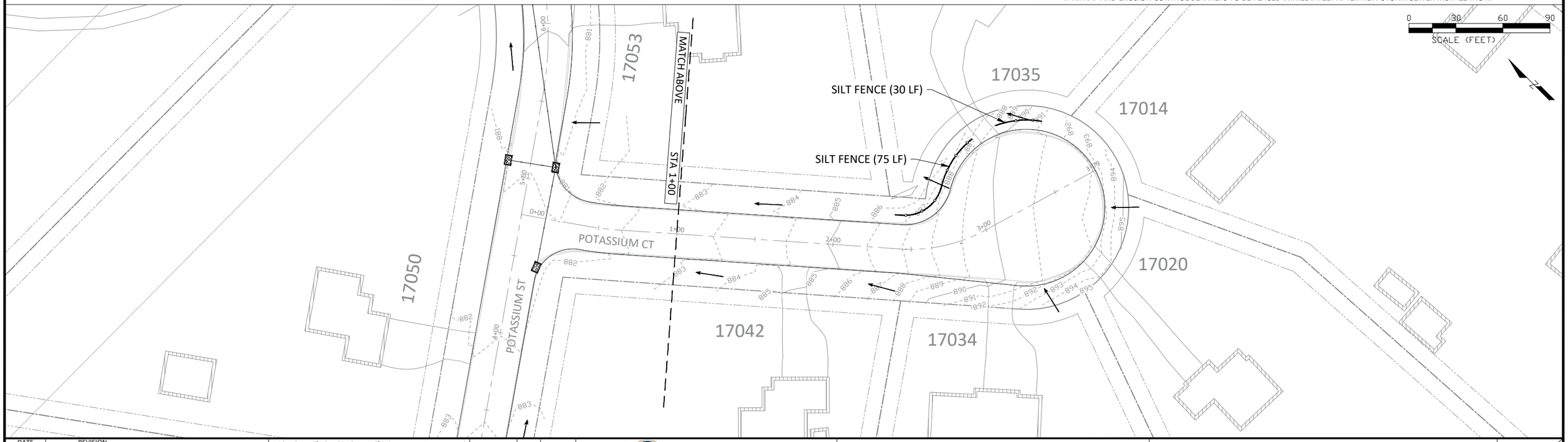

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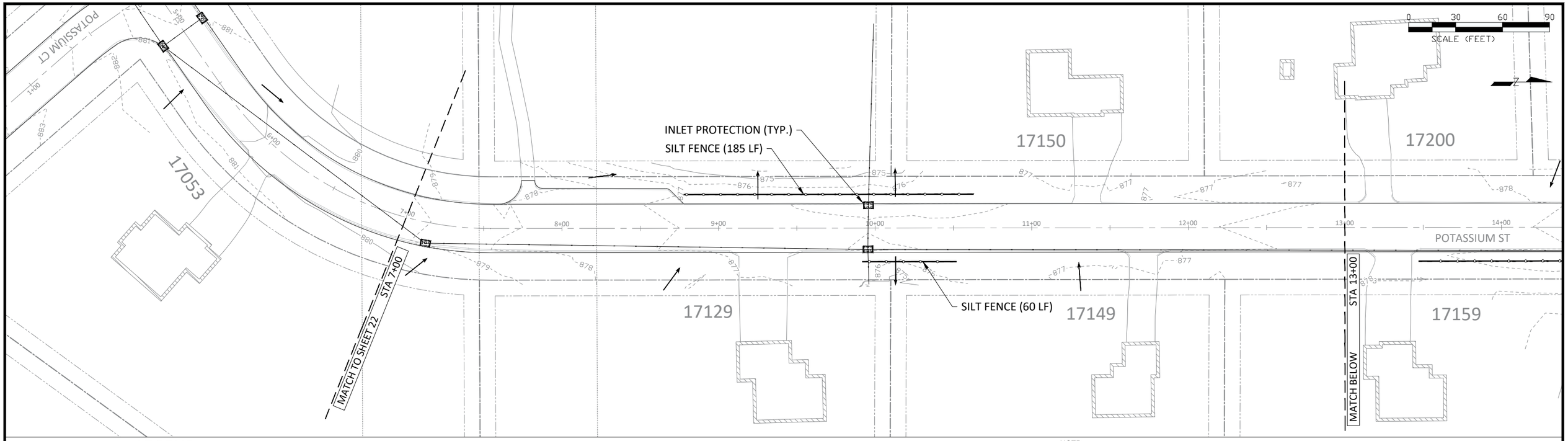

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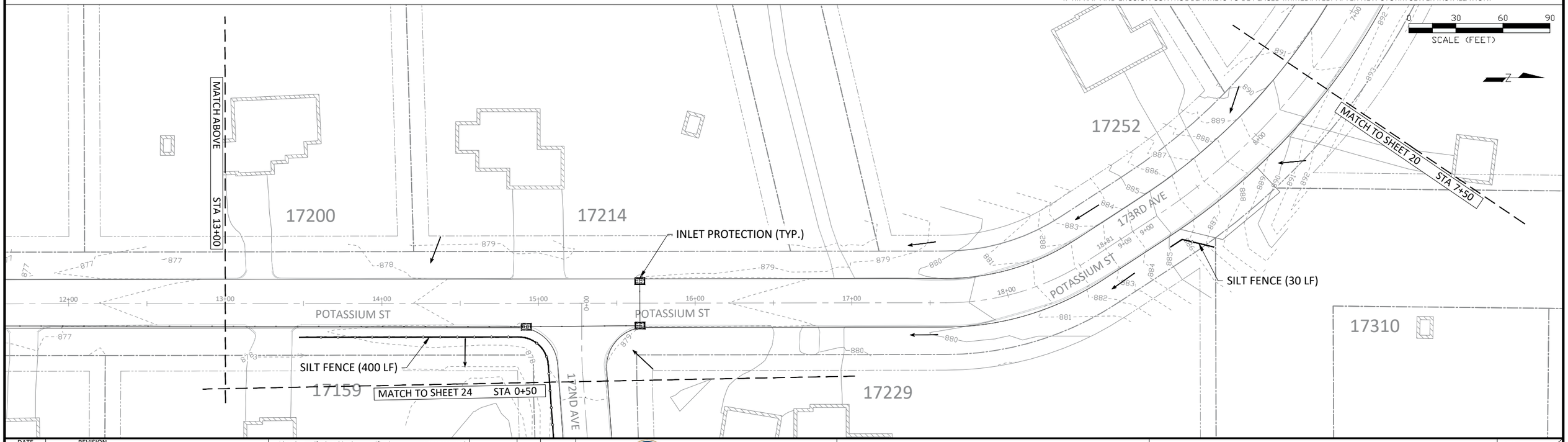

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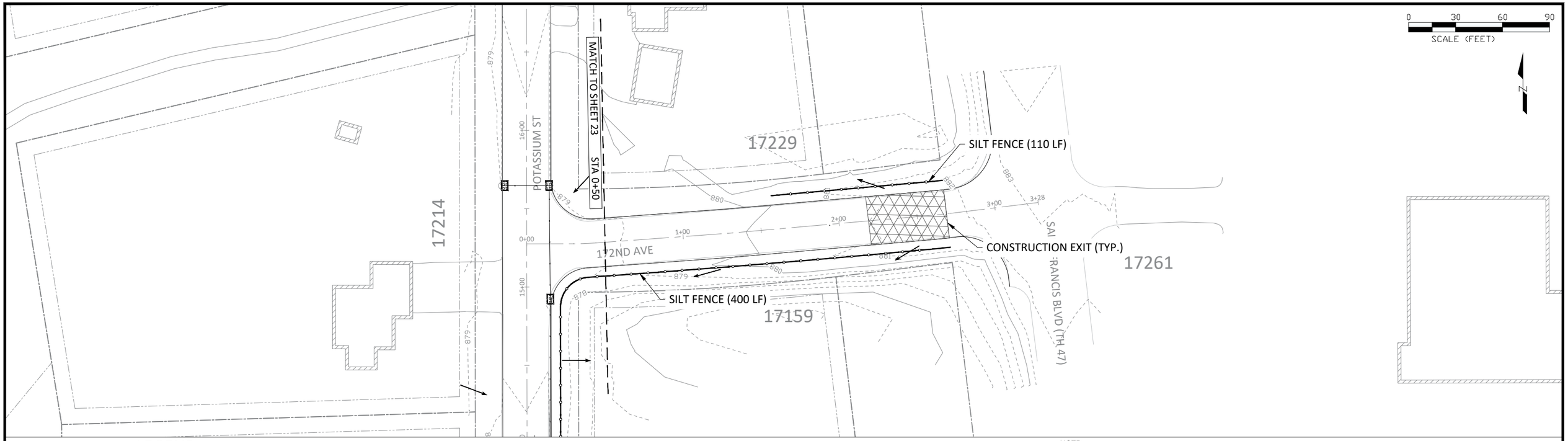

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EROSION CONTROL

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CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

REMOVE BIT. DRIVE (16 SY)

REMOVE BIT. DRIVE (11 SY)

REMOVE STORM SEWER (23 LF)

REMOVE CATCH BASIN (2)

REMOVE STORM SEWER (30 LF)

REMOVE STORM SEWER (52 LF)

CLEAR & GRUB (0.05 ACRE)

REMOVE BIT. DRIVE (16 SY)

REMOVE BIT. DRIVE (12 SY)

REMOVE BIT. DRIVE (15 SY)

MATCH TO SHEET 30 STA 0+00

MATCH BELOW STA 8+00

WOLFRAM ST

170TH AVE

17046 17056 17118 17146 17120 17119 17139

SCALE (FEET) 0 30 60 90

LEGEND

REMOVE STORM SEWER	FULL DEPTH RECLAMATION	MILL BIT PAVEMENT	REMOVE CONC. CURB & GUTTER	LOT LINE	EX. STORM SEWER
SAWCUT - FULL DEPTH	REMOVE PAVEMENT - BITUMINOUS	SOIL CORRECTION	REMOVE VALLEY GUTTER	GAS LINE	FILL & ABANDON STORM SEWER
REMOVE BIT CURB	REMOVE PAVEMENT - CONCRETE	REMOVE BIT FLUME	EASEMENT - NORTHERN NATURAL GAS	COMMUNICATION LINE	SALVAGE MAILBOX
	REMOVE GRAVEL	CLEAR & GRUB	EASEMENT - DRAINAGE & UTILITY	UNDERGROUND POWER	

NOTE:
1. REMOVALS WILL BE MARKED IN THE FIELD BY CITY STAFF. ALL REMOVALS MUST BE SAWCUT.
2. STORM SEWER REMOVAL LENGTH INCLUDES APRONS.
3. PROTECT LANDSCAPING AND IRRIGATION. PROPERTY OWNERS ARE TO LOCATE AND MOVE IRRIGATION BEFORE CONSTRUCTION.
4. EROSION CONTROL MUST BE IN-PLACE PRIOR TO REMOVALS.

MATCH ABOVE STA 8+00

REMOVE CONC. DRIVE (16 SY)

REMOVE BIT. DRIVE (18 SY)

REMOVE BIT. DRIVE (19 SY)

REMOVE BIT. DRIVE (12 SY)

REMOVE BIT. FLUME (15 SY)

MATCH TO SHEET 26 STA 13+00

172ND LN

17146 17200 17139 17149 17211 6341 6331

SCALE (FEET) 0 30 60 90

DATE	REVISION

Nov 14, 2024 - 2:00pm
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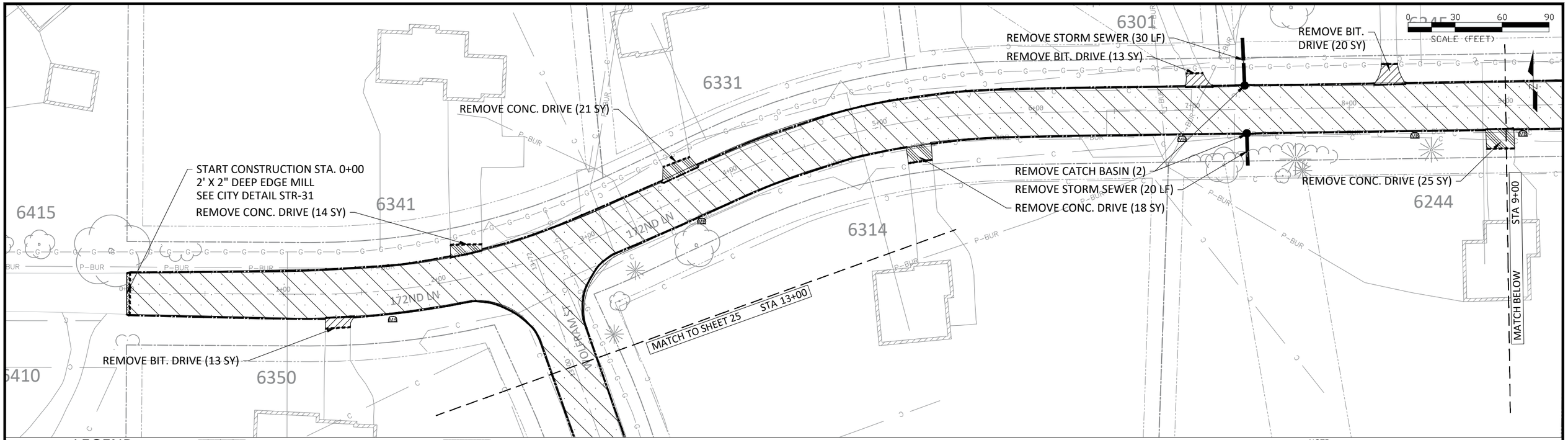
REMOVALS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 25 OF 77 SHEETS



LEGEND

- REMOVE STORM SEWER
- SAWCUT - FULL DEPTH
- REMOVE BIT CURB
- FULL DEPTH RECLAMATION
- REMOVE PAVEMENT - BITUMINOUS
- REMOVE PAVEMENT - CONCRETE
- REMOVE GRAVEL
- MILL BIT PAVEMENT
- SOIL CORRECTION
- REMOVE BIT FLUME
- CLEAR & GRUB
- REMOVE CONC. CURB & GUTTER
- REMOVE VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
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- EX. STORM SEWER
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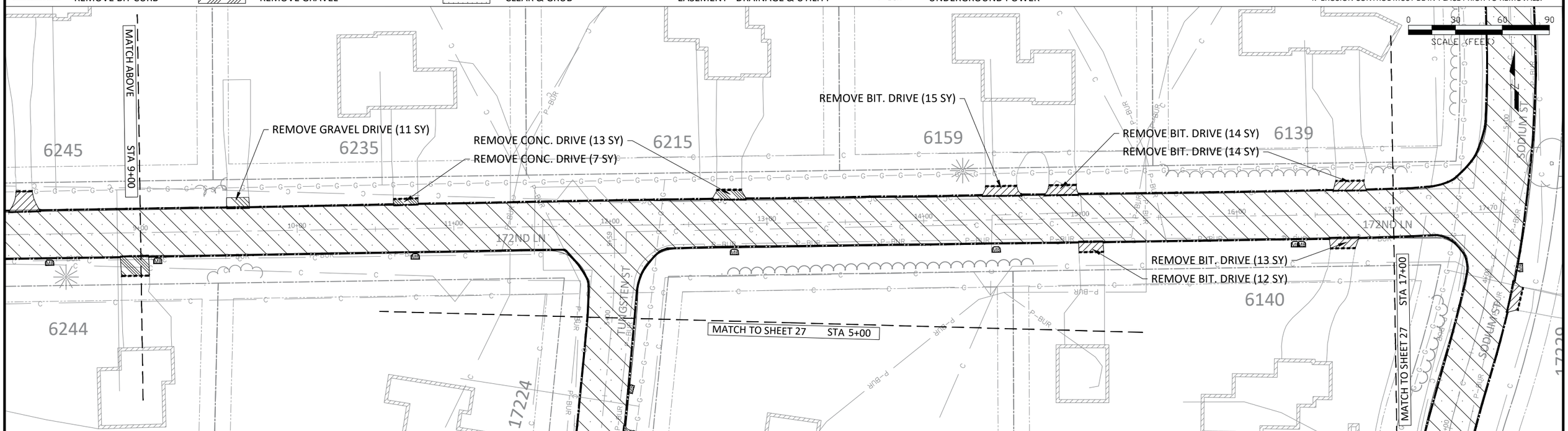

DATE	REVISION

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REMOVALS

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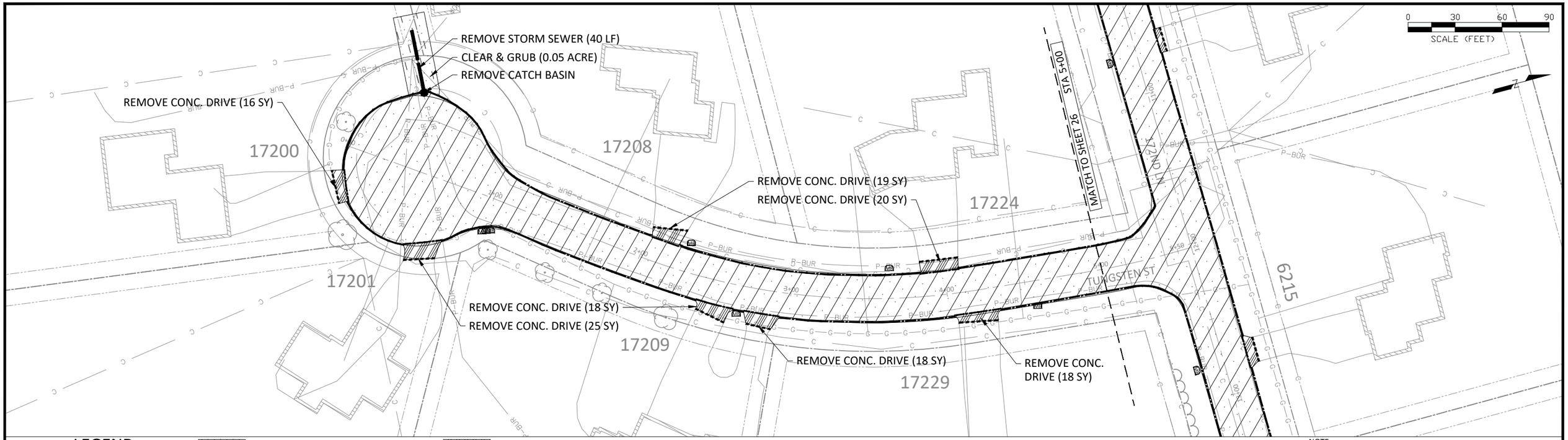
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 26 OF 77 SHEETS



LEGEND

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- FULL DEPTH RECLAMATION
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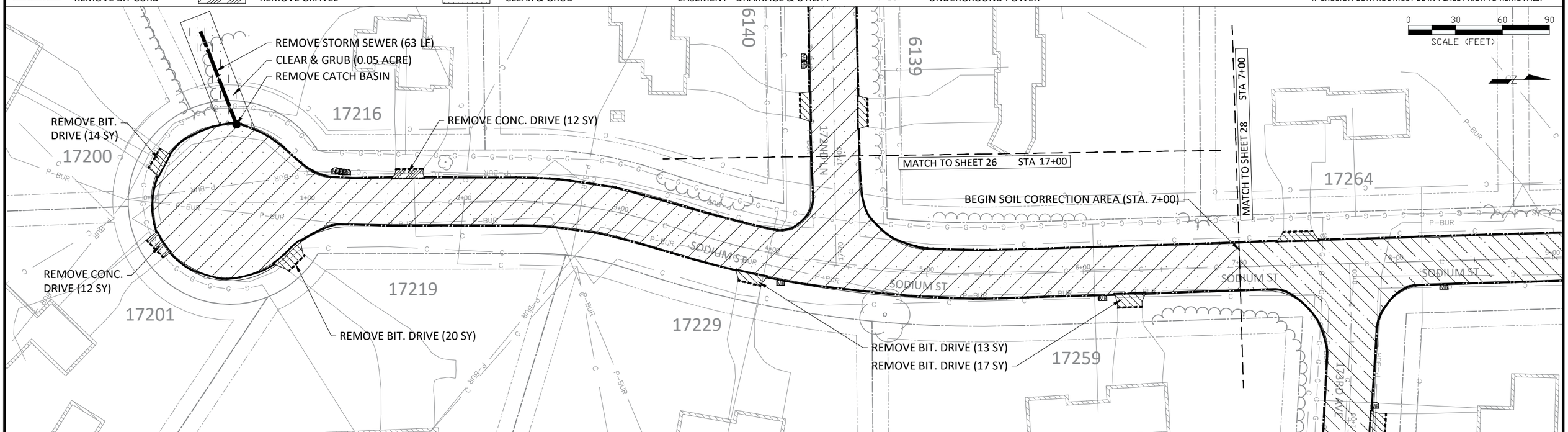

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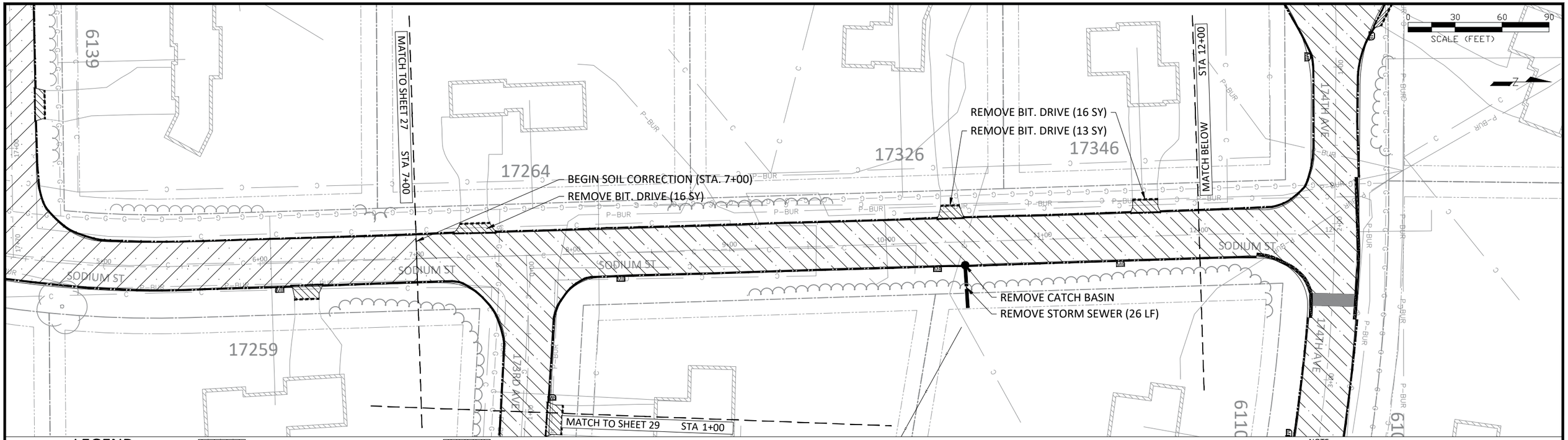

LEGEND

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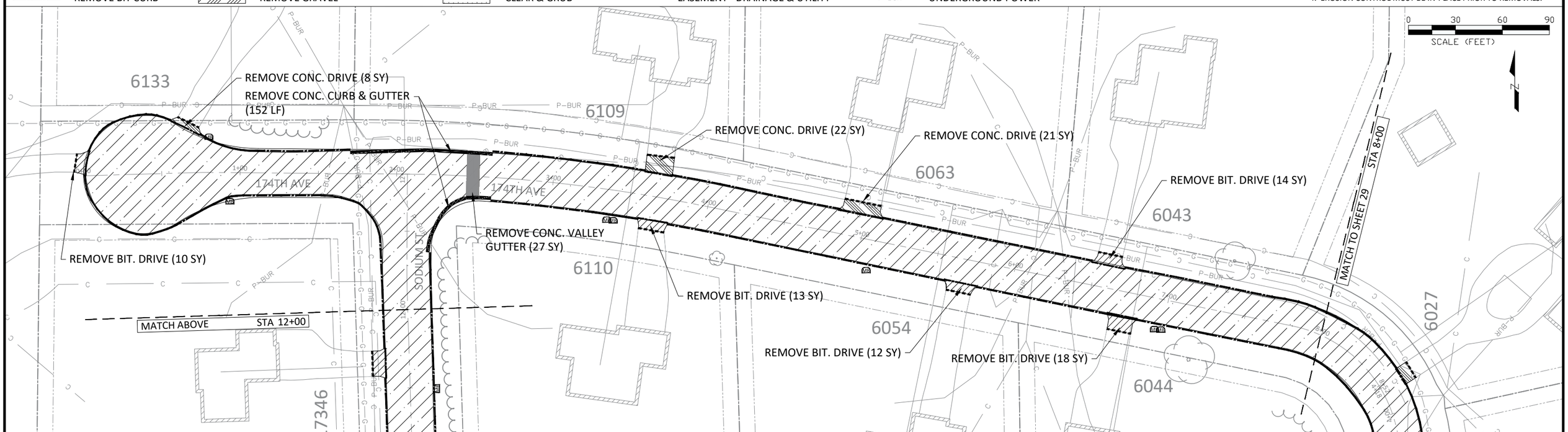

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Nov 14, 2024 - 3:00pm
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REMOVALS

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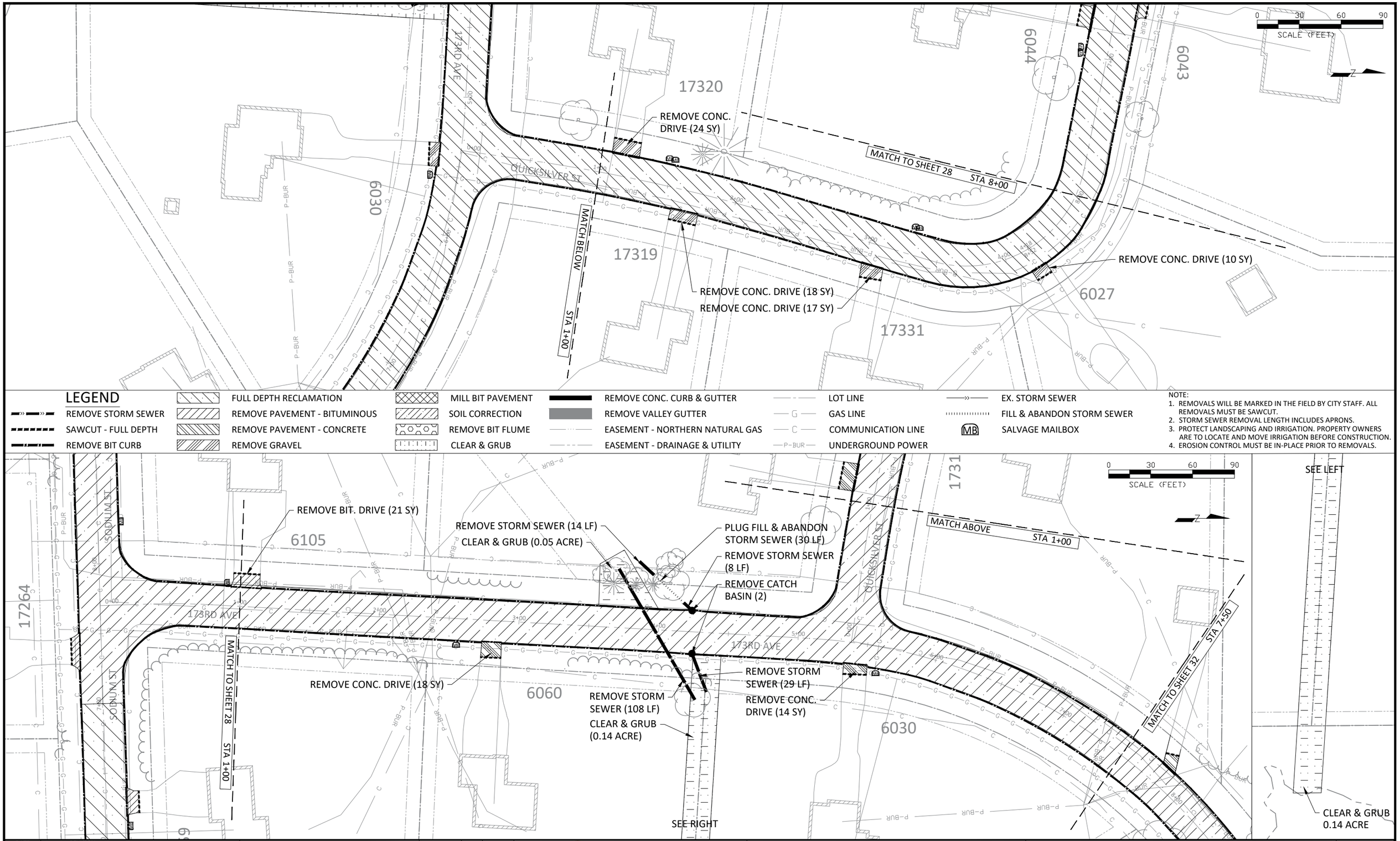
SHEET 28 OF 77 SHEETS



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3. PROTECT LANDSCAPING AND IRRIGATION. PROPERTY OWNERS ARE TO LOCATE AND MOVE IRRIGATION BEFORE CONSTRUCTION.
4. EROSION CONTROL MUST BE IN-PLACE PRIOR TO REMOVALS.

DATE	REVISION

Nov 14, 2024 - 3:01pm
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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

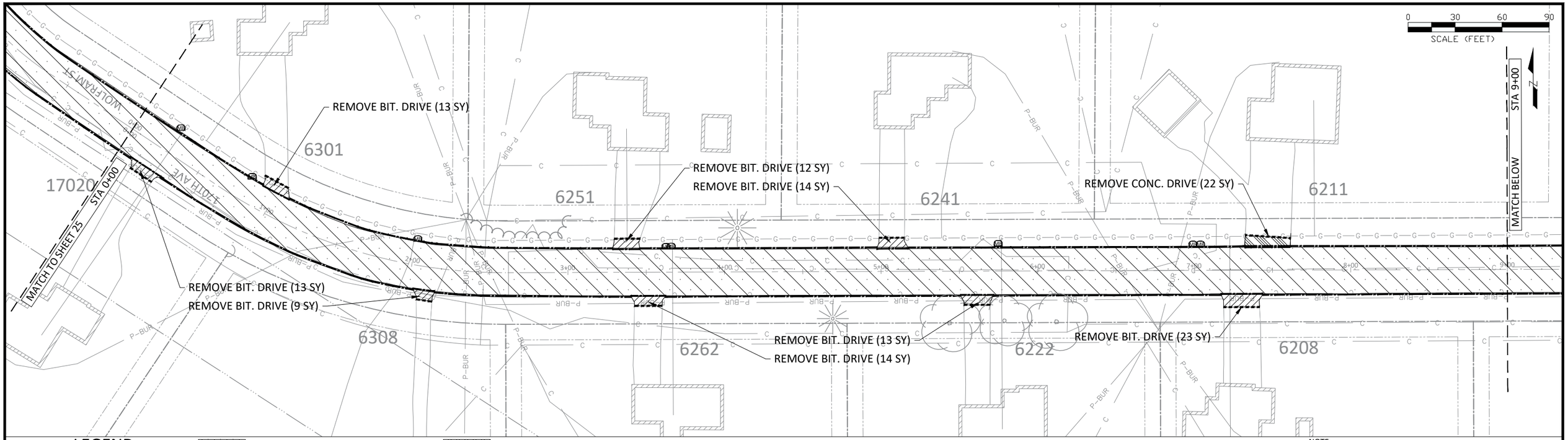
City of RAMSEY

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

REMOVALS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 29 OF 77 SHEETS



LEGEND

- REMOVE STORM SEWER
- SAWCUT - FULL DEPTH
- REMOVE BIT CURB
- FULL DEPTH RECLAMATION
- REMOVE PAVEMENT - BITUMINOUS
- REMOVE PAVEMENT - CONCRETE
- REMOVE GRAVEL
- MILL BIT PAVEMENT
- SOIL CORRECTION
- REMOVE BIT FLUME
- CLEAR & GRUB
- REMOVE CONC. CURB & GUTTER
- REMOVE VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- G GAS LINE
- C COMMUNICATION LINE
- P-BUR UNDERGROUND POWER
- EX. STORM SEWER
- FILL & ABANDON STORM SEWER
- MB SALVAGE MAILBOX

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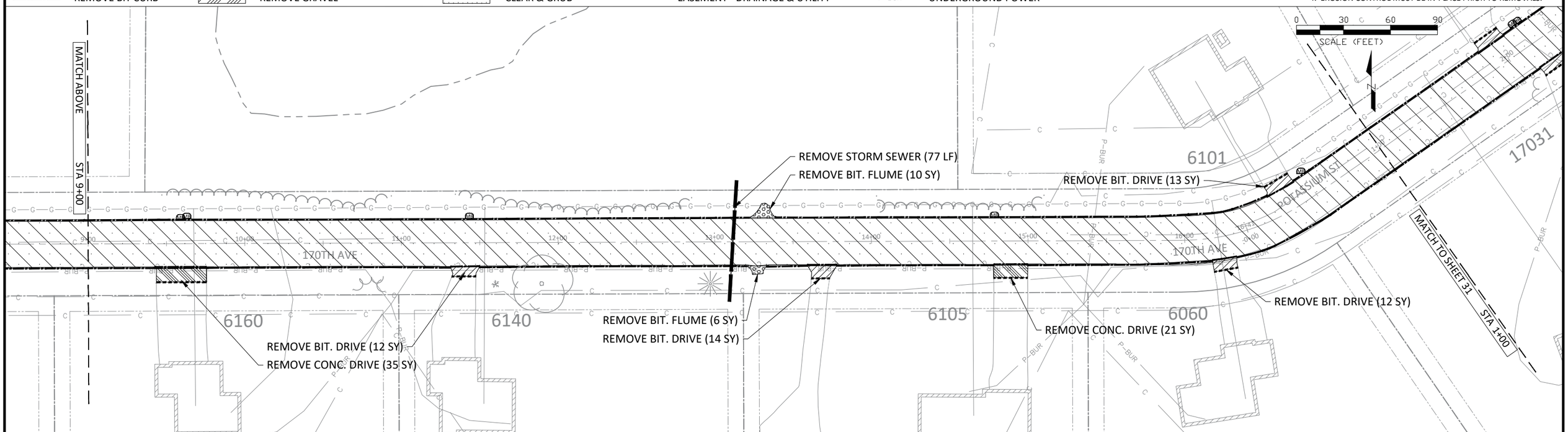

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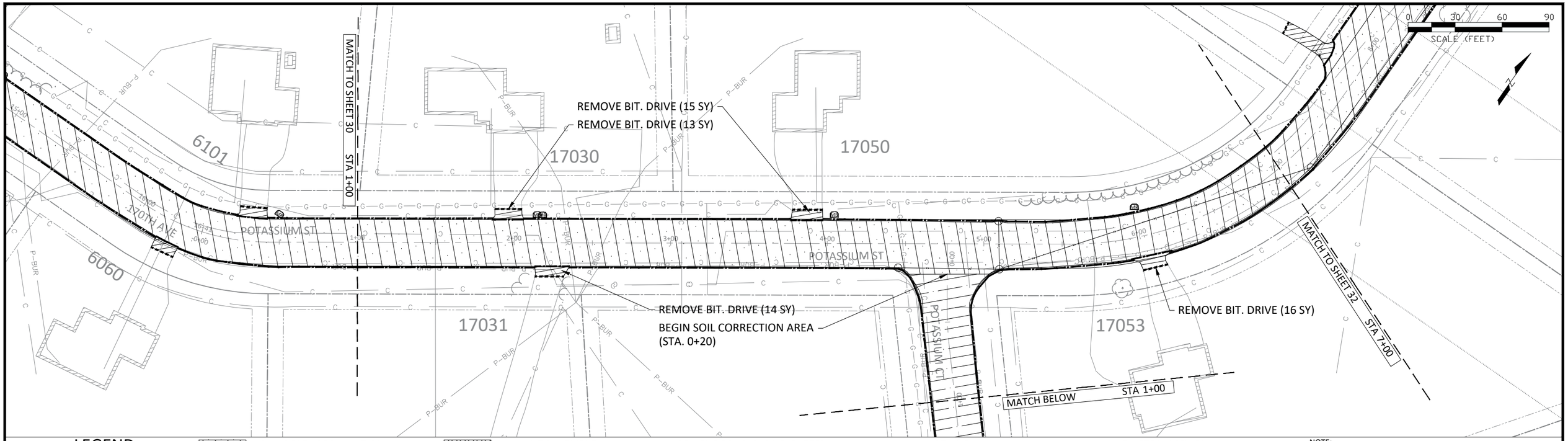
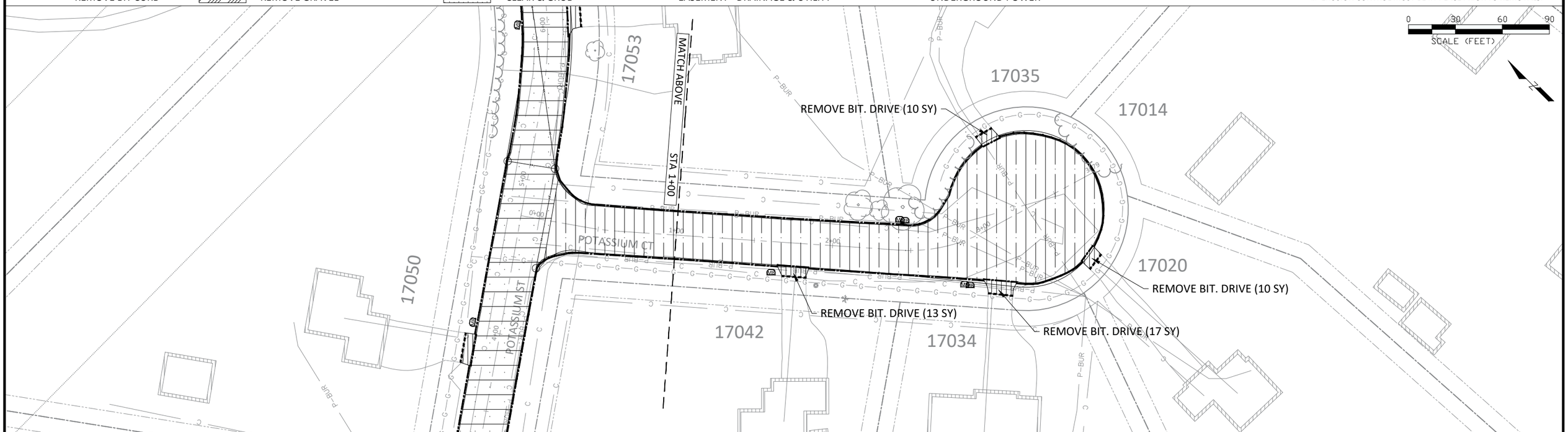
REMOVALS

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 30 OF 77 SHEETS





LEGEND

- REMOVE STORM SEWER
- SAWCUT - FULL DEPTH
- REMOVE BIT CURB
- FULL DEPTH RECLAMATION
- REMOVE PAVEMENT - BITUMINOUS
- REMOVE PAVEMENT - CONCRETE
- REMOVE GRAVEL
- MILL BIT PAVEMENT
- SOIL CORRECTION
- REMOVE BIT FLUME
- CLEAR & GRUB
- REMOVE CONC. CURB & GUTTER
- REMOVE VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- GAS LINE
- COMMUNICATION LINE
- UNDERGROUND POWER
- EX. STORM SEWER
- FILL & ABANDON STORM SEWER
- MB SALVAGE MAILBOX

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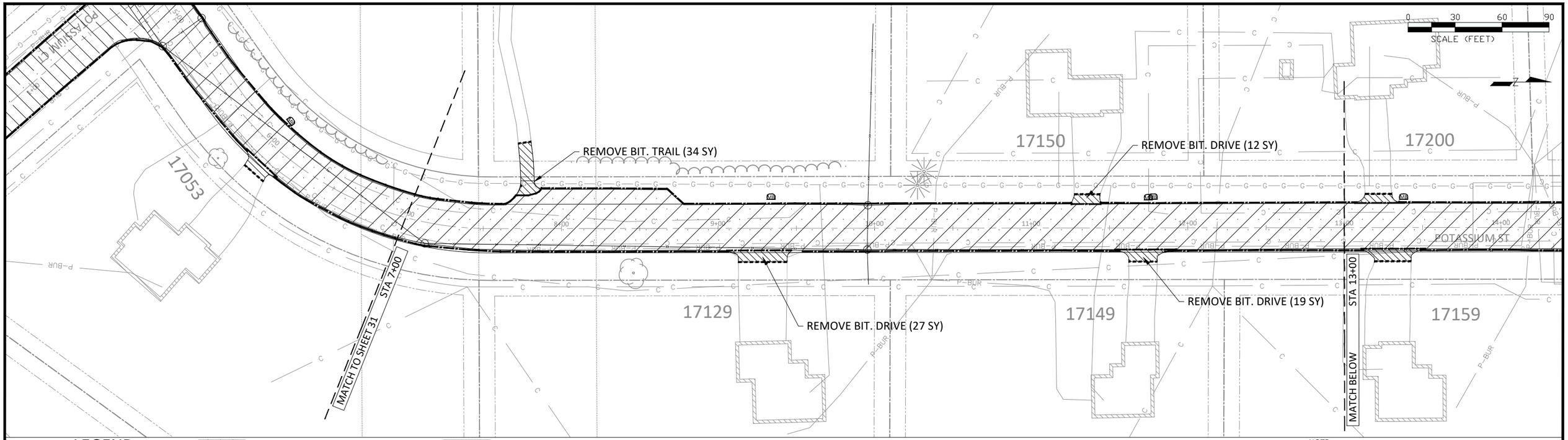
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 31 OF 77 SHEETS



LEGEND

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- REMOVE BIT CURB
- FULL DEPTH RECLAMATION
- REMOVE PAVEMENT - BITUMINOUS
- REMOVE PAVEMENT - CONCRETE
- REMOVE GRAVEL
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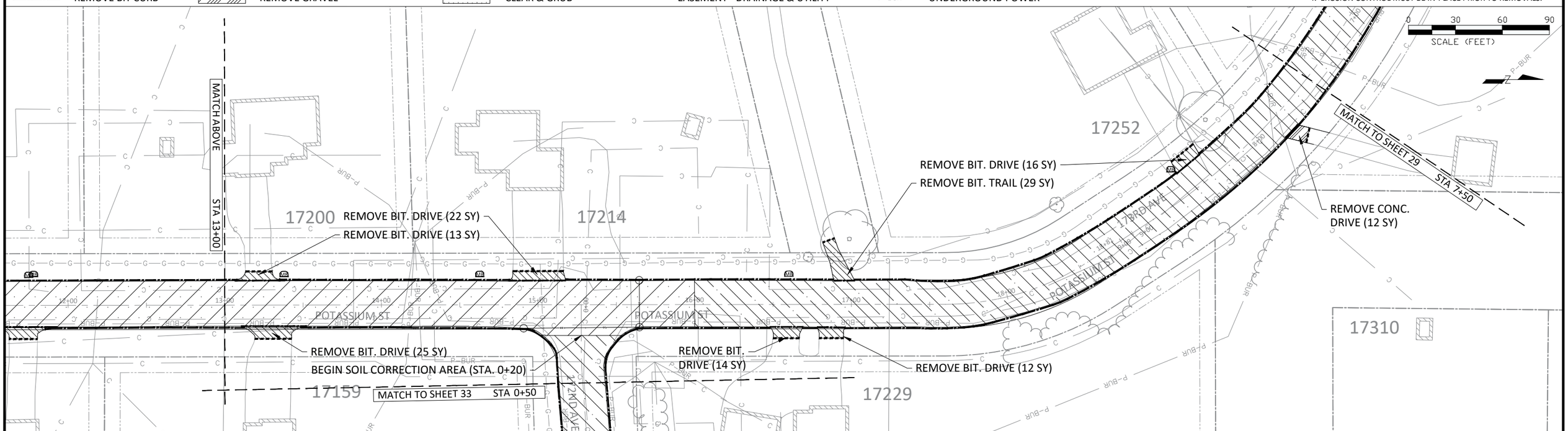

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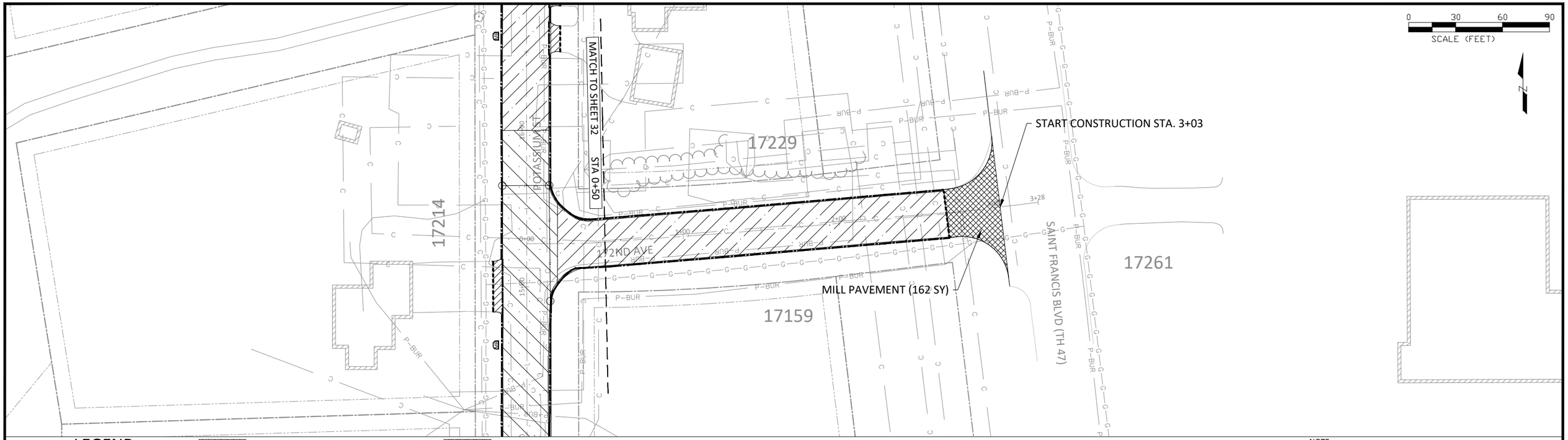
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 32 OF 77 SHEETS



LEGEND

- REMOVE STORM SEWER
- SAWCUT - FULL DEPTH
- REMOVE BIT CURB
- FULL DEPTH RECLAMATION
- REMOVE PAVEMENT - BITUMINOUS
- REMOVE PAVEMENT - CONCRETE
- REMOVE GRAVEL
- MILL BIT PAVEMENT
- SOIL CORRECTION
- REMOVE BIT FLUME
- CLEAR & GRUB
- REMOVE CONC. CURB & GUTTER
- REMOVE VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- G — GAS LINE
- C — COMMUNICATION LINE
- P-BUR — UNDERGROUND POWER
- EX. STORM SEWER
- FILL & ABANDON STORM SEWER
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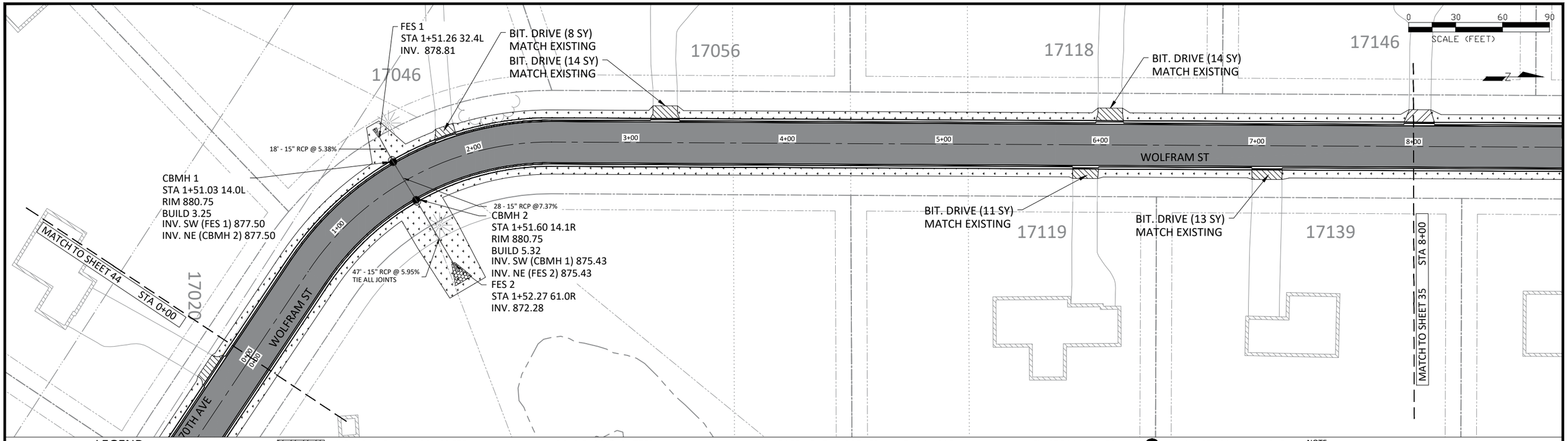
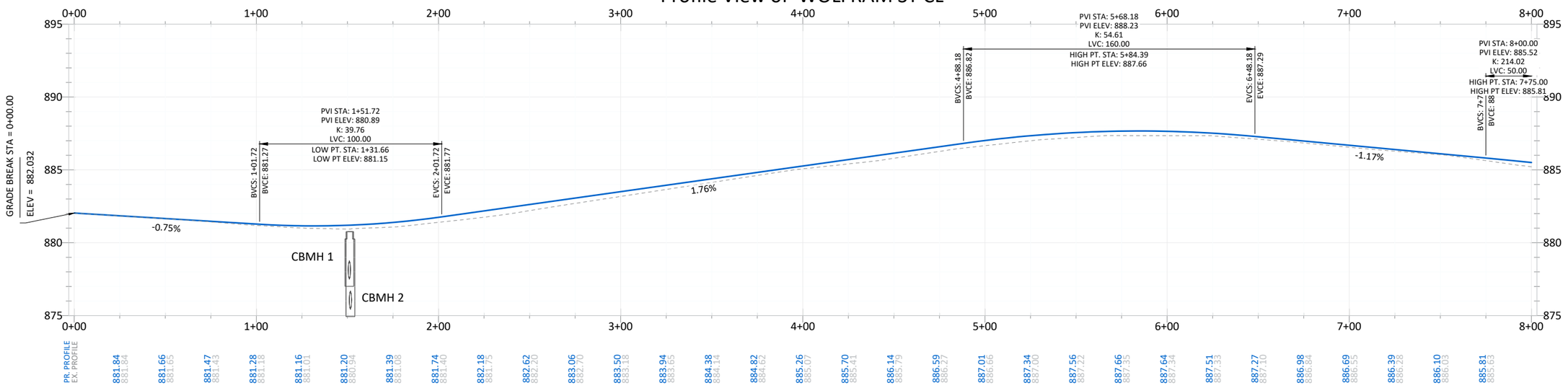


LEGEND

- BIT PAVEMENT
- BIT PAVEMENT - SOIL CORRECTION AREA
- SEEDING AREA
- NEW DRIVEWAY - CONCRETE
- NEW DRIVEWAY - CONC SPECIAL
- NEW DRIVEWAY - BITUMINOUS
- NEW DRIVEWAY - GRAVEL
- B618 CURB & GUTTER
- CURB CUT
- SURMOUNTABLE CURB & GUTTER
- VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
- EASEMENT - NORTHERN STATES POWER
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- EX. STORM SEWER
- PR. STORM SEWER
- RIPRAP CLASS III
- CONCRETE FLUME
- PR. STORM MANHOLE
- PR. STORM CATCH BASIN
- PR. FLARED END SECTION

NOTE:
1. STREET WIDTHS ARE 31' B-B UNLESS OTHERWISE NOTED.
2. TYPICAL SECTION SEE SHEET 05.
3. RESTORATION AREAS ARE SHOWN IN A GENERAL MANNER ONLY.
4. RESTORE ALL DISTURBED AREAS WITH 4" TOPSOIL, HYDROSEED, MNDOT SEED MIX 25-151, AND HYDRAULIC MATRIX TYPE MULCH UNLESS OTHERWISE NOTED.

Profile View of WOLFRAM ST CL



DATE	REVISION

Nov 20, 2024 – 7:34am
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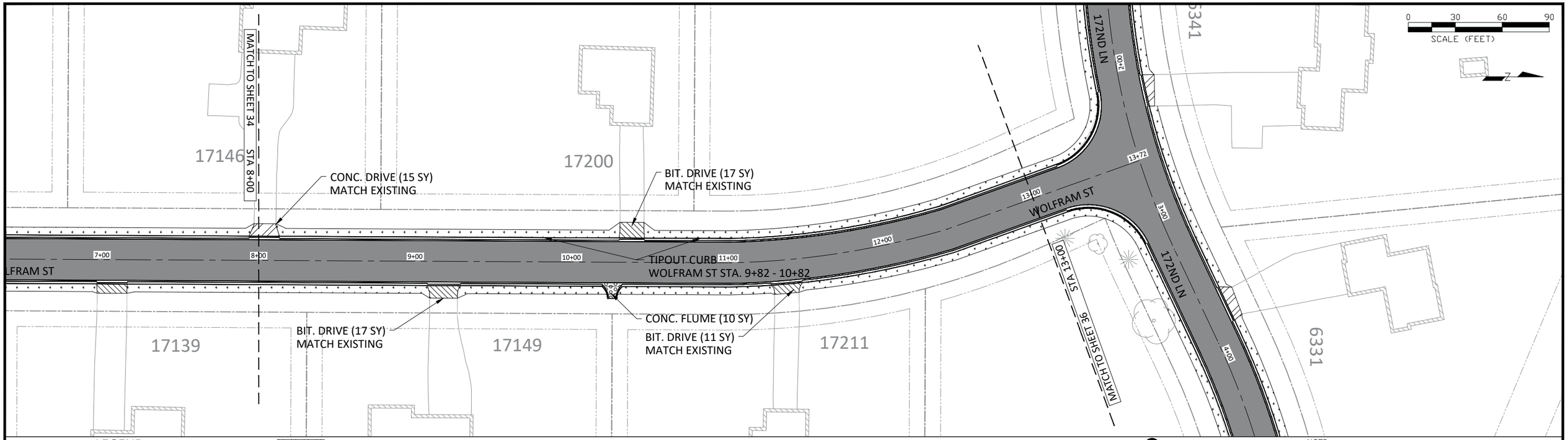
STREET CONSTRUCTION

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 34 OF 77 SHEETS



LEGEND

- BIT PAVEMENT
- BIT PAVEMENT - SOIL CORRECTION AREA
- SEEDING AREA
- NEW DRIVEWAY - CONCRETE
- NEW DRIVEWAY - CONC SPECIAL
- NEW DRIVEWAY - BITUMINOUS
- NEW DRIVEWAY - GRAVEL
- B618 CURB & GUTTER
- CURB CUT
- SURMOUNTABLE CURB & GUTTER
- VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
- EASEMENT - NORTHERN STATES POWER
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- EX. STORM SEWER
- PR. STORM SEWER
- RIPRAP CLASS III
- CONCRETE FLUME
- PR. STORM MANHOLE
- PR. STORM CATCH BASIN
- PR. FLARED END SECTION

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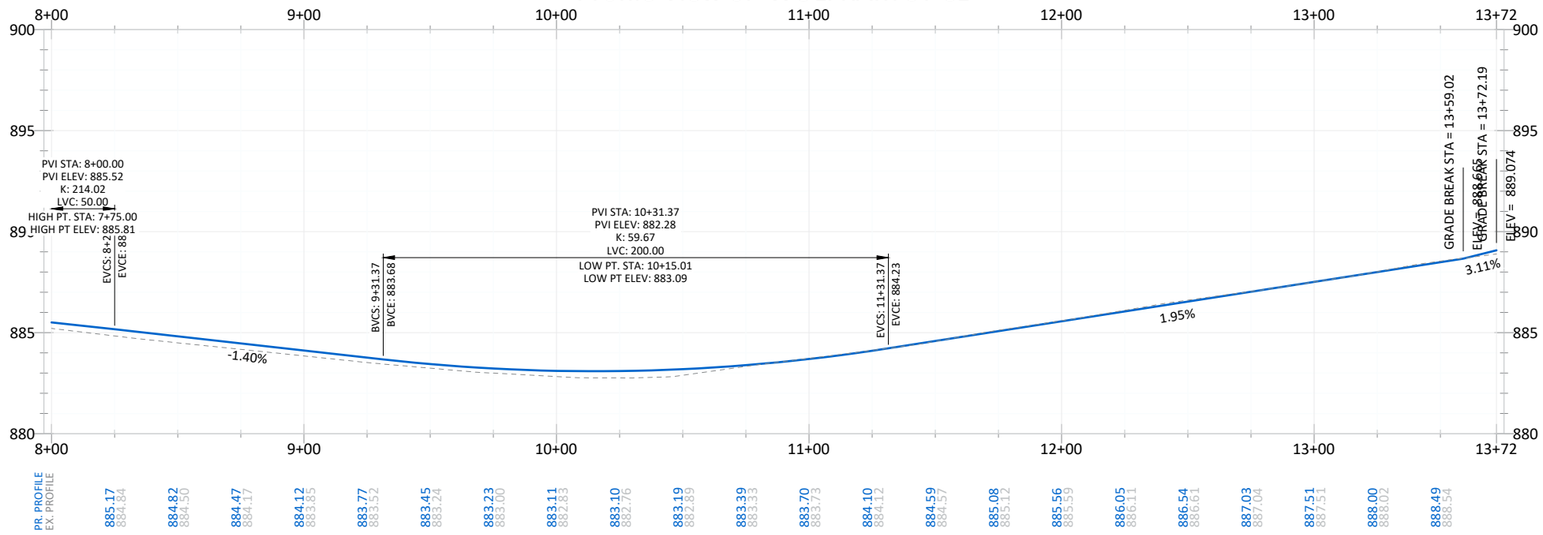
Profile View of WOLFRAM ST CL



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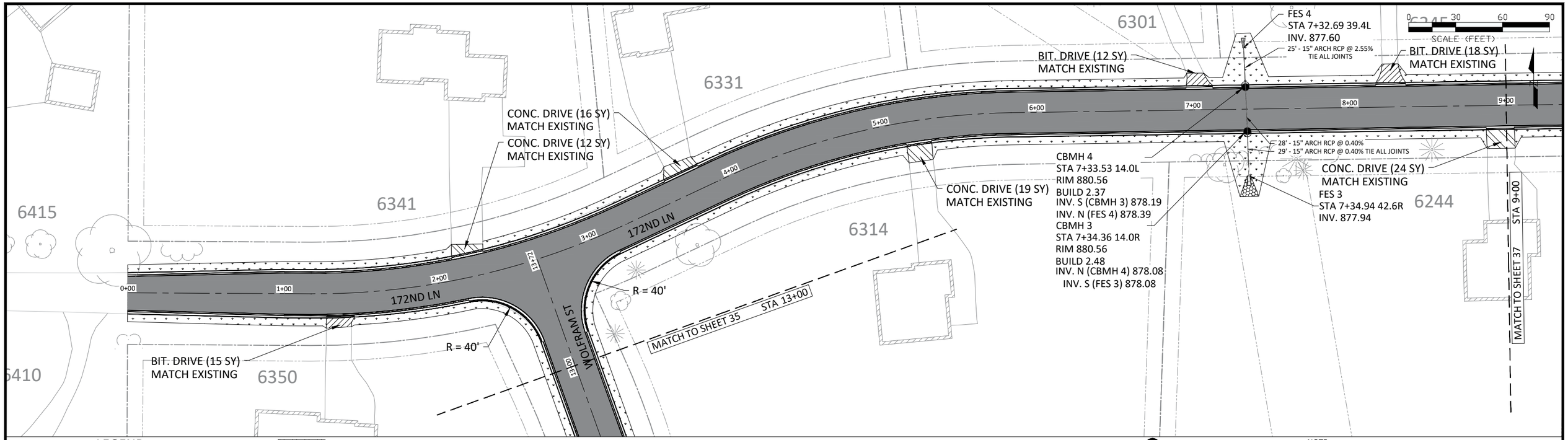
STREET CONSTRUCTION

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 35 OF 77 SHEETS



LEGEND

- BIT PAVEMENT
- BIT PAVEMENT - SOIL CORRECTION AREA
- SEEDING AREA
- NEW DRIVEWAY - CONCRETE
- NEW DRIVEWAY - CONC SPECIAL
- NEW DRIVEWAY - BITUMINOUS
- NEW DRIVEWAY - GRAVEL
- B618 CURB & GUTTER
- CURB CUT
- SURMOUNTABLE CURB & GUTTER
- VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
- EASEMENT - NORTHERN STATES POWER
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- EX. STORM SEWER
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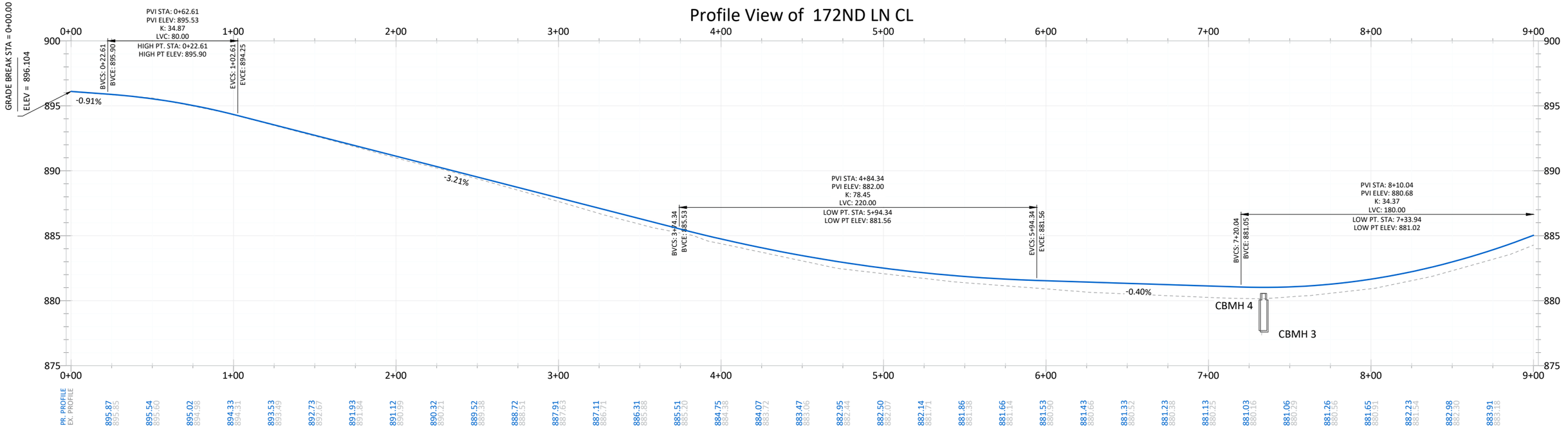
Profile View of 172ND LN CL



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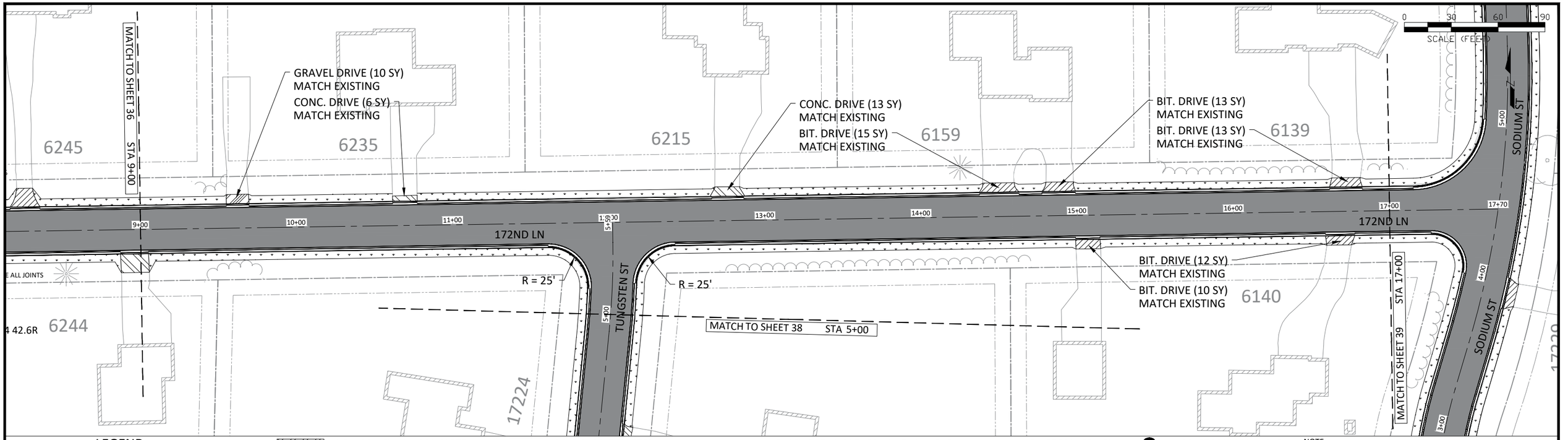

LEGEND

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- BIT PAVEMENT - SOIL CORRECTION AREA
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- NEW DRIVEWAY - CONCRETE
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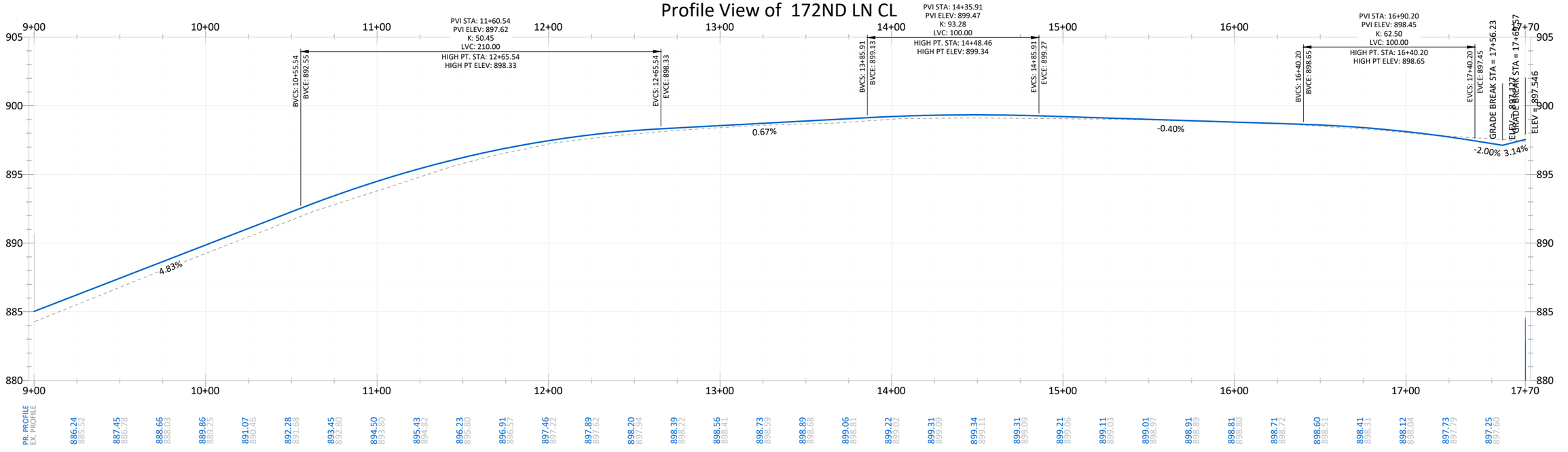
Profile View of 172ND LN CL



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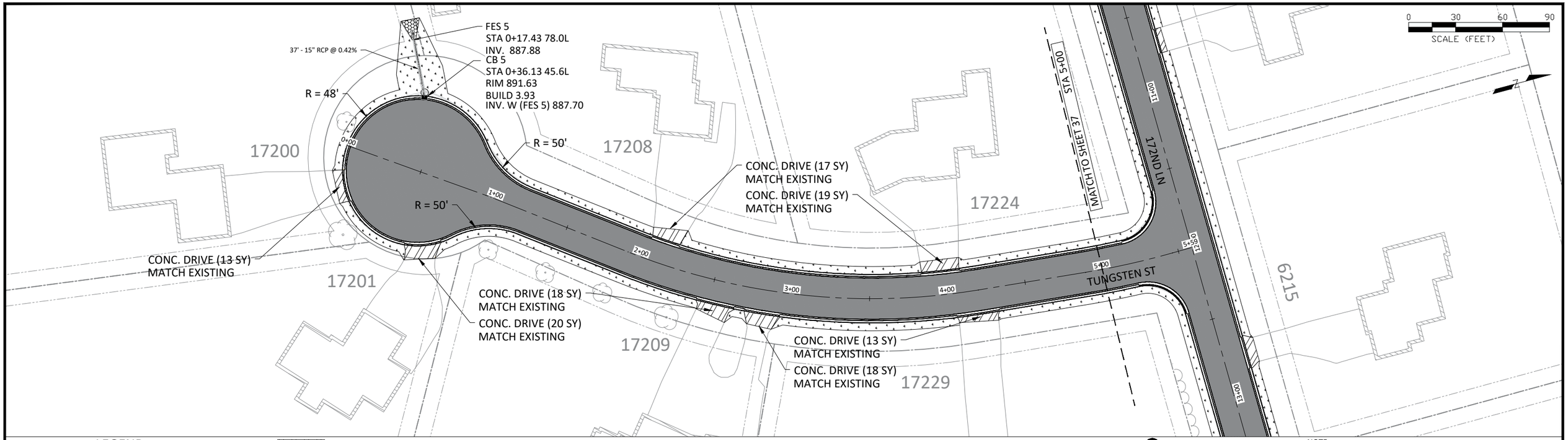

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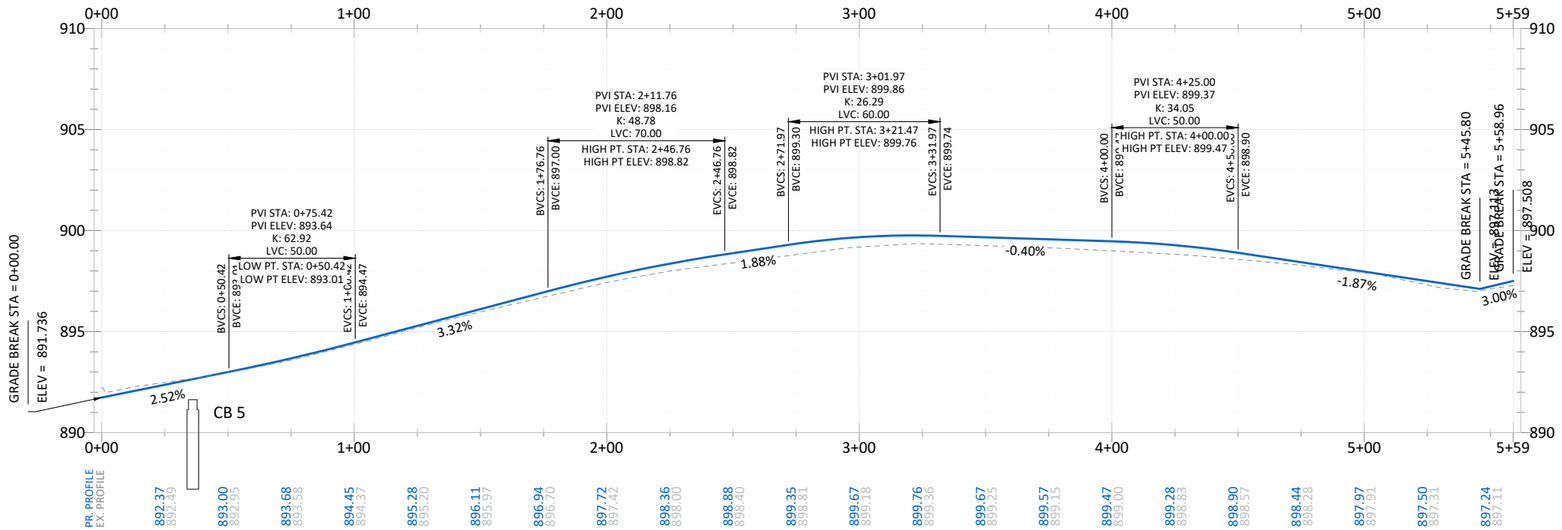
Profile View of TUNGSTEN ST CL



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Nov 20, 2024 – 7:35am
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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

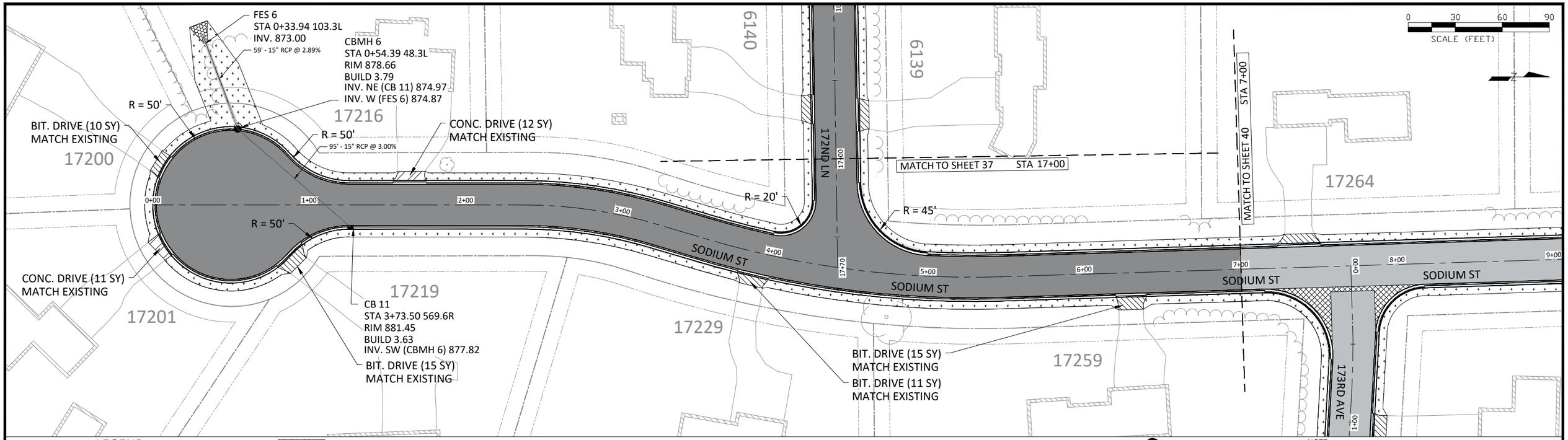
City of RAMSEY

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

STREET CONSTRUCTION

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 38 OF 77 SHEETS



LEGEND

- BIT PAVEMENT
- BIT PAVEMENT - SOIL CORRECTION AREA
- SEEDING AREA
- NEW DRIVEWAY - CONCRETE
- NEW DRIVEWAY - CONC SPECIAL
- NEW DRIVEWAY - BITUMINOUS
- NEW DRIVEWAY - GRAVEL
- B618 CURB & GUTTER
- CURB CUT
- SURMOUNTABLE CURB & GUTTER
- VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
- EASEMENT - NORTHERN STATES POWER
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- EX. STORM SEWER
- PR. STORM SEWER
- RIPRAP CLASS III
- CONCRETE FLUME
- PR. STORM MANHOLE
- PR. STORM CATCH BASIN
- PR. FLARED END SECTION

NOTE:
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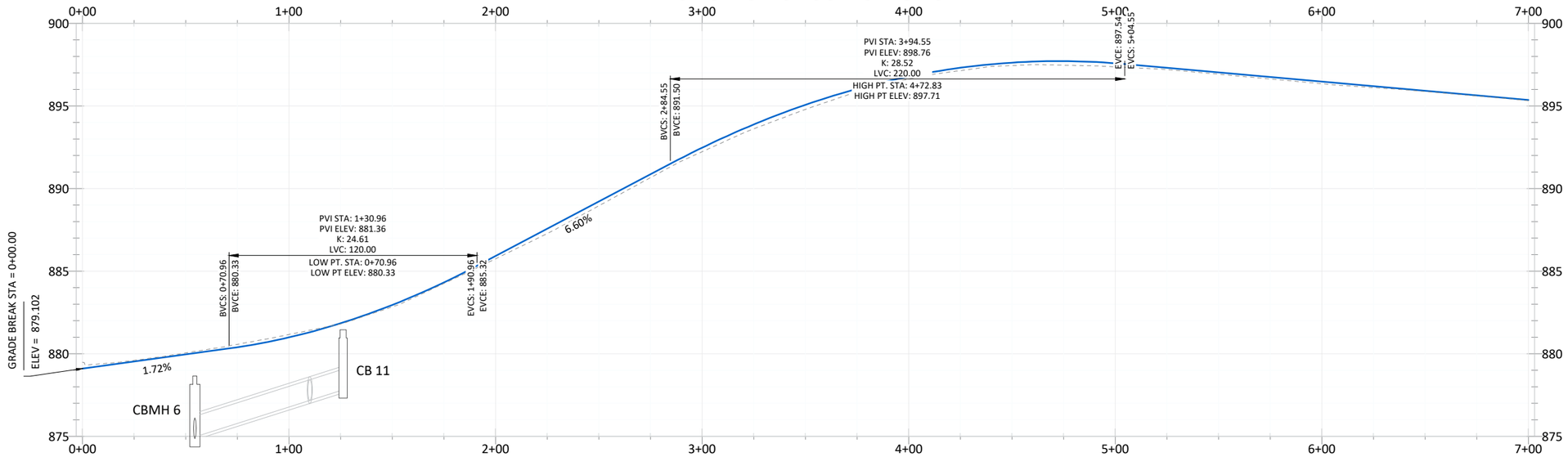
4. RESTORE ALL DISTURBED AREAS WITH 4" TOPSOIL, HYDROSEED, MNDOT SEED MIX 25-151, AND HYDRAULIC MATRIX TYPE MULCH UNLESS OTHERWISE NOTED.

Profile View of SODIUM ST CL



DATE	REVISION

Nov 20, 2024 - 7:53pm
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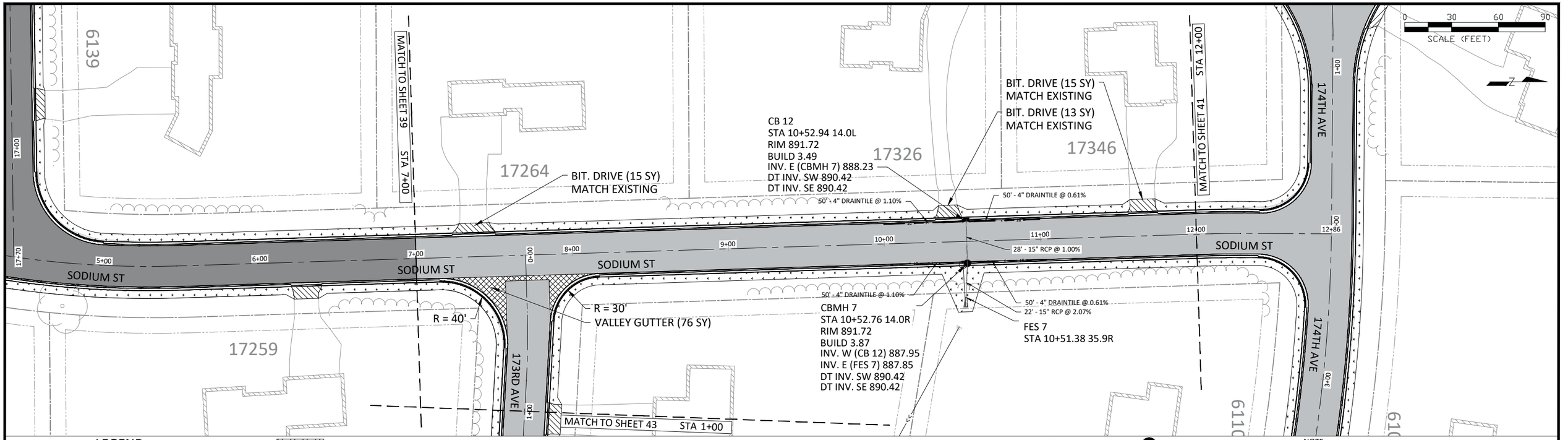
STREET CONSTRUCTION

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 39 OF 77 SHEETS



LEGEND

- BIT PAVEMENT
- BIT PAVEMENT - SOIL CORRECTION AREA
- SEEDING AREA
- NEW DRIVEWAY - CONCRETE
- NEW DRIVEWAY - CONC SPECIAL
- NEW DRIVEWAY - BITUMINOUS
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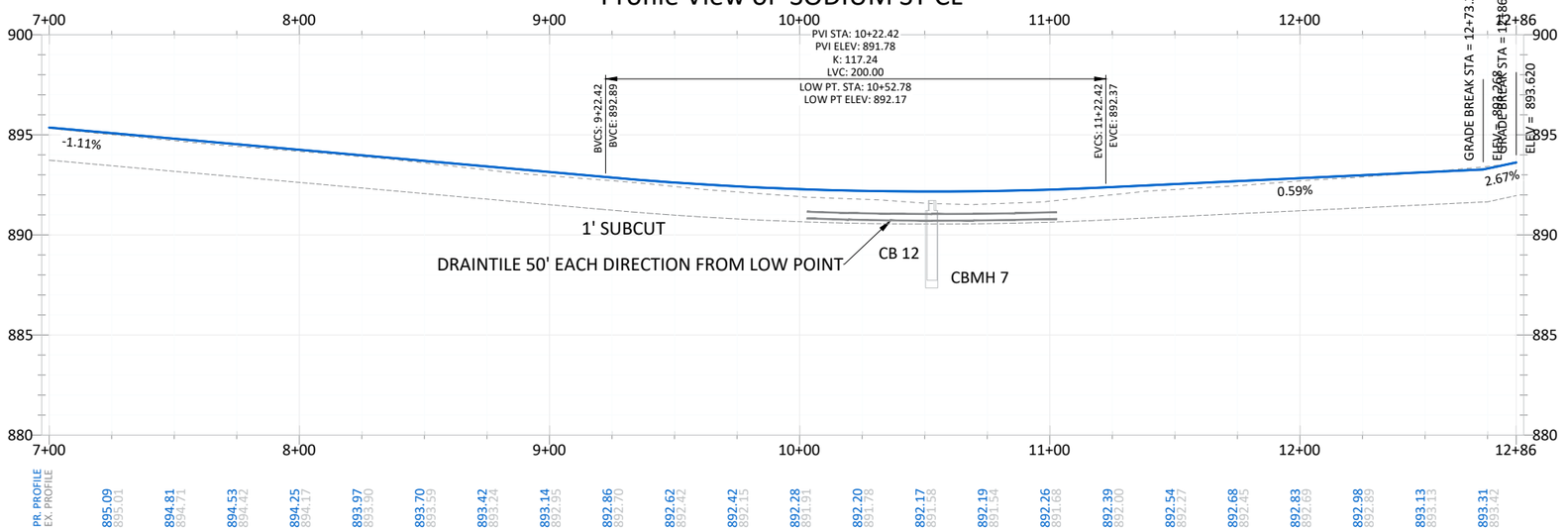
Profile View of SODIUM ST CL



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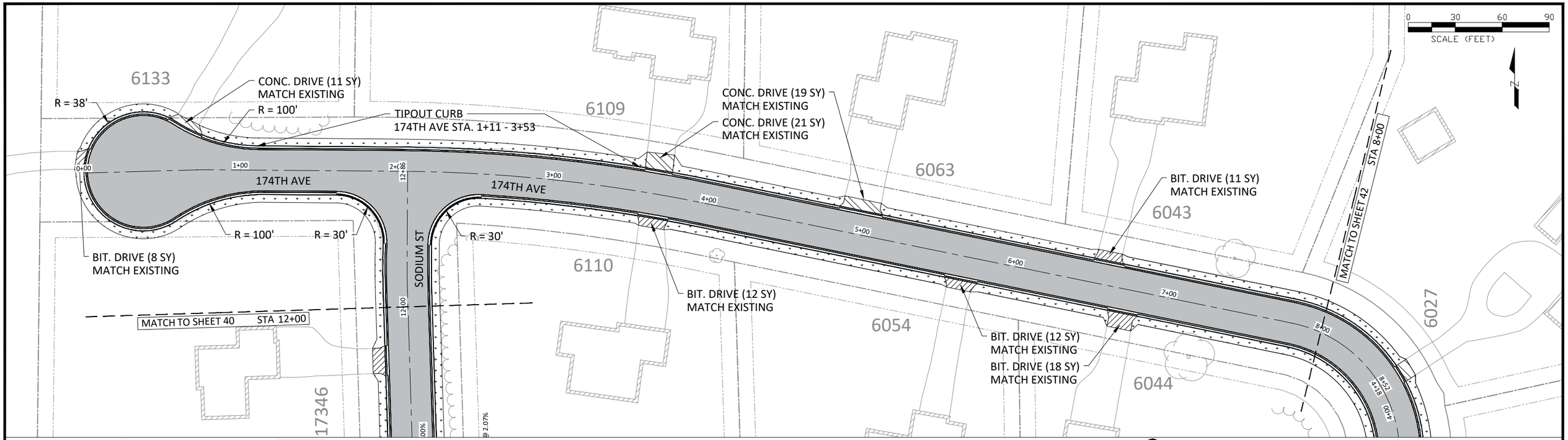
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 40 OF 77 SHEETS



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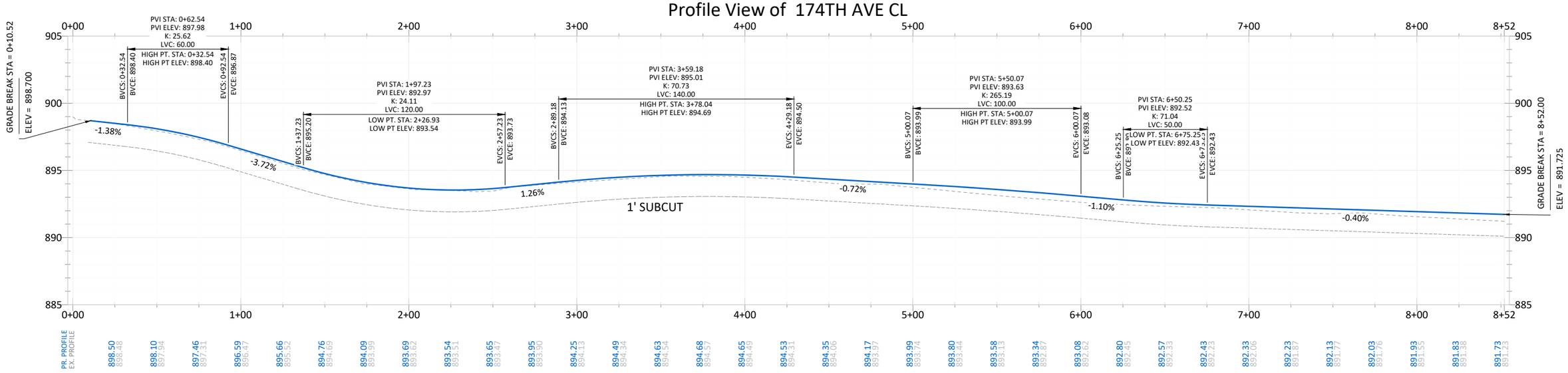
Profile View of 174TH AVE CL



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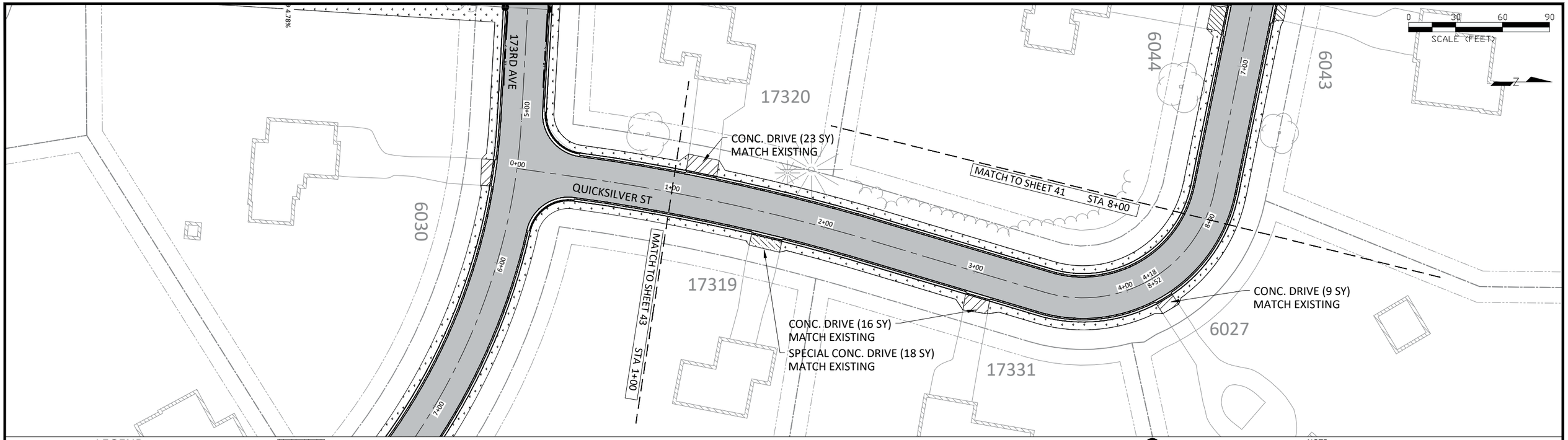
CITY OF RAMSEY, MINNESOTA



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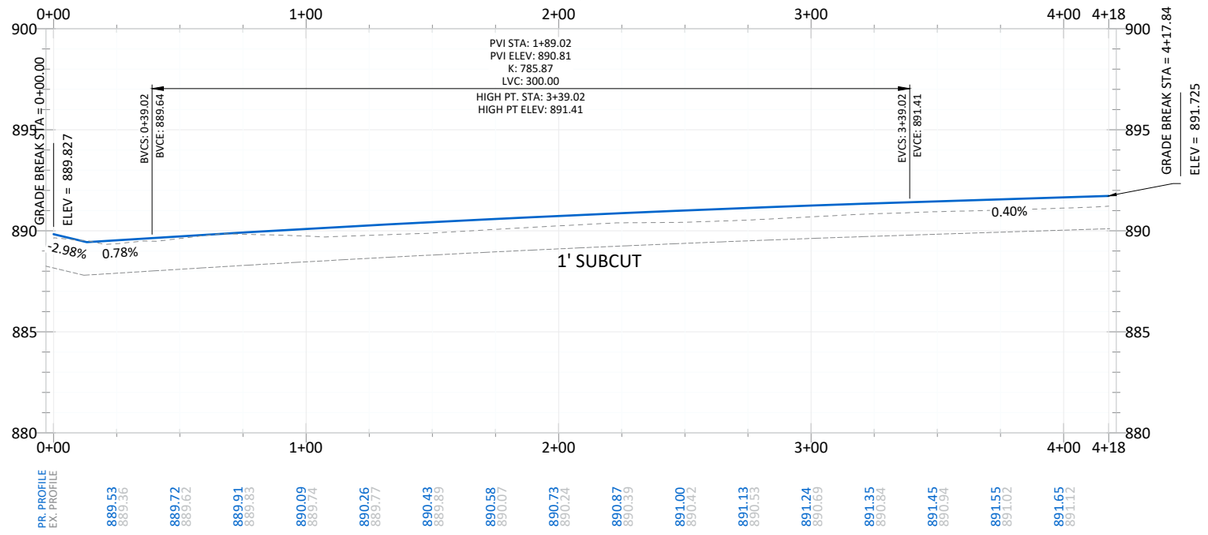
Profile View of QUICKSILVER ST CL



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STREET CONSTRUCTION

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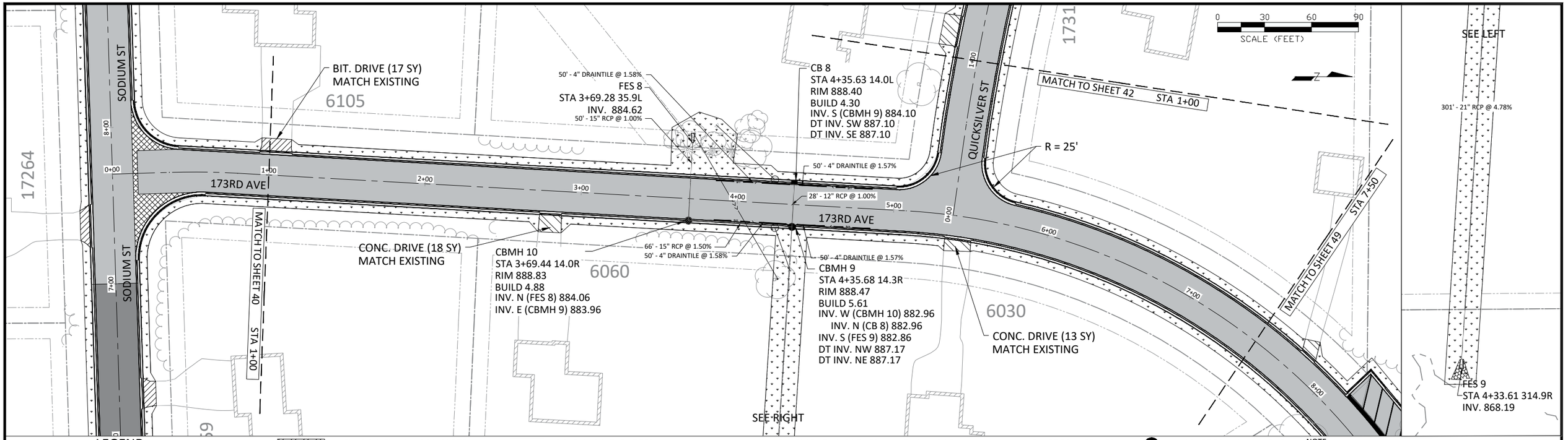
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA



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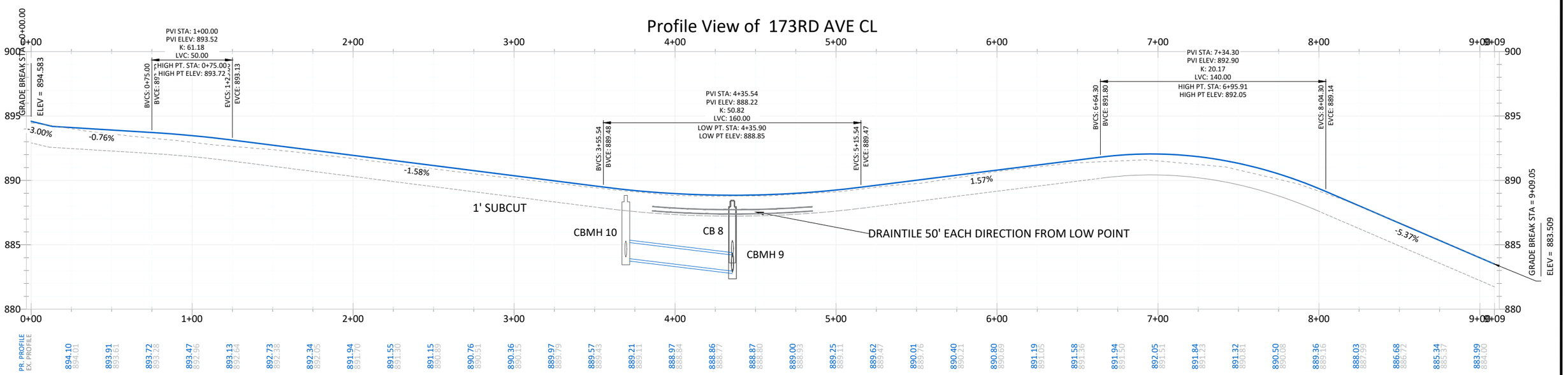

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STREET CONSTRUCTION

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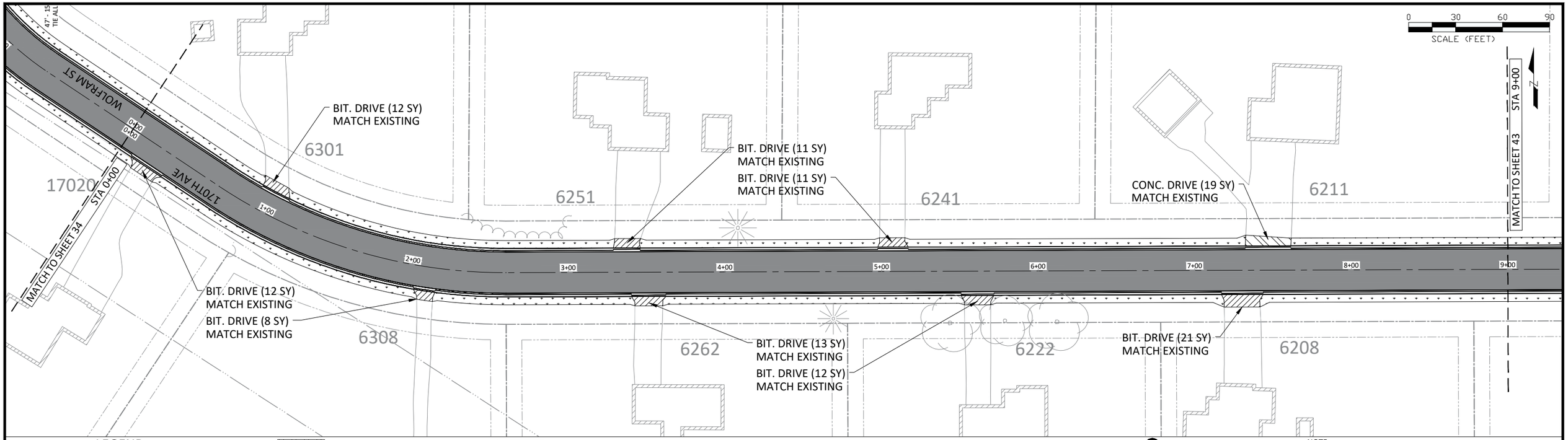
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 43 OF 77 SHEETS



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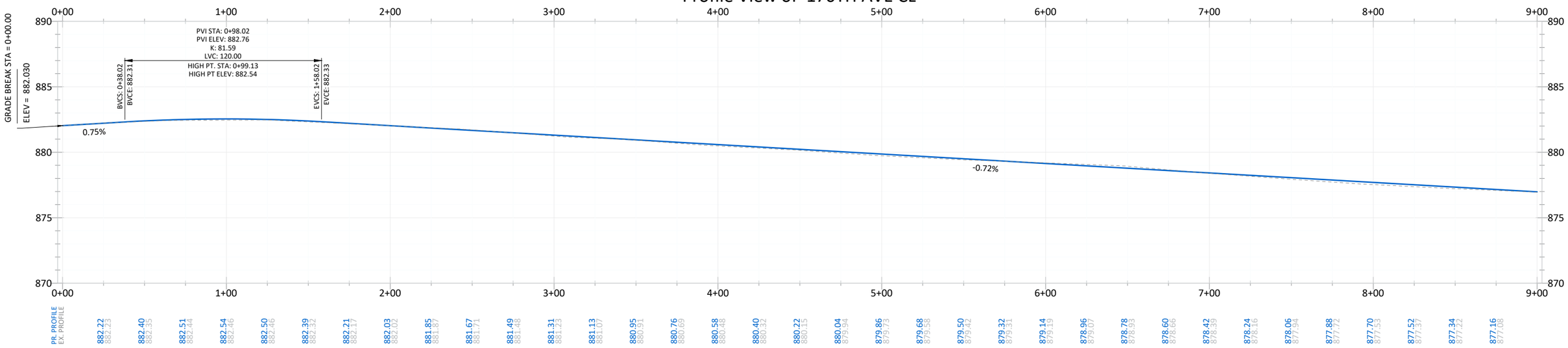
Profile View of 170TH AVE CL



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EX. PROFILE	882.23	882.39	882.44	882.46	882.46	882.32	882.17	882.02	881.87	881.71	881.48	881.23	881.07	880.91	880.69	880.48	880.32	880.15	879.94	879.73	879.58	879.42	879.31	879.19	879.07	878.93	878.66	878.39	878.16	877.94	877.72	877.53	877.37	877.22	877.08

DATE	REVISION

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STREET CONSTRUCTION

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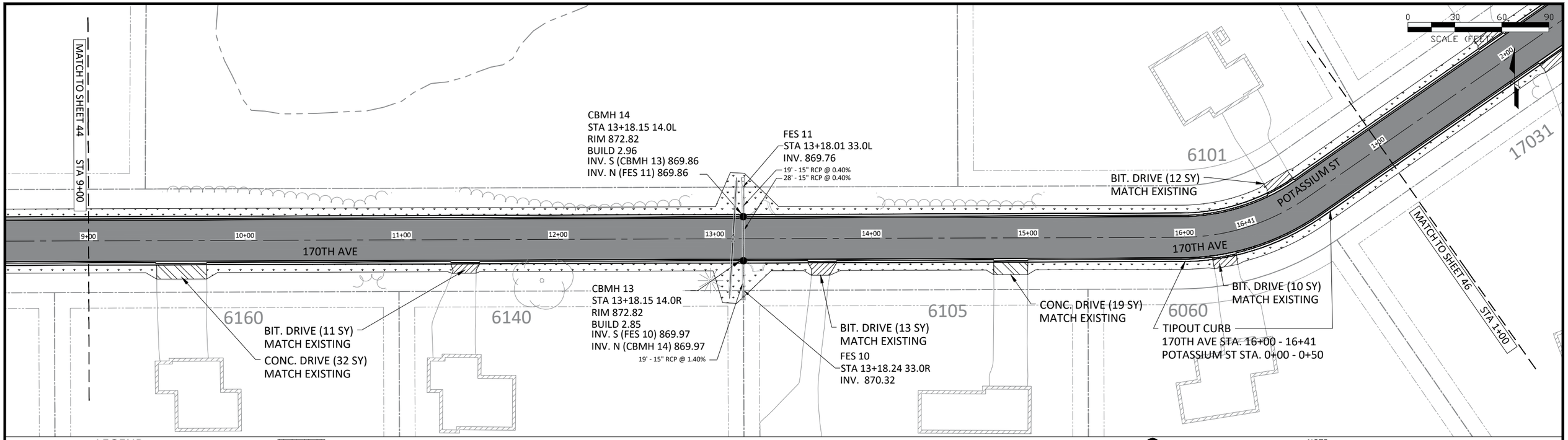
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 44 OF 77 SHEETS



LEGEND

- BIT PAVEMENT
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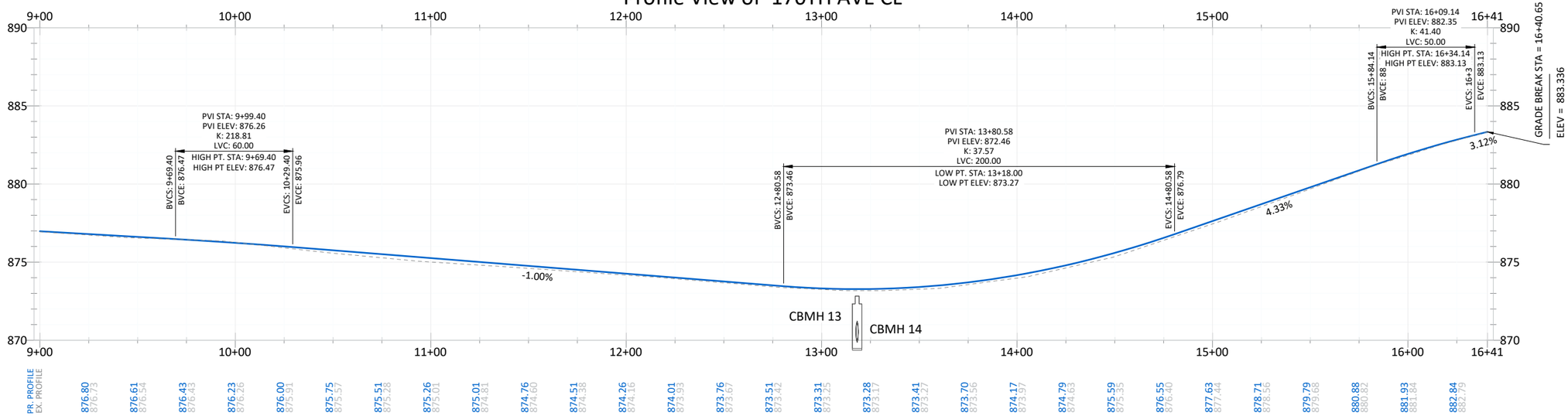
Profile View of 170TH AVE CL



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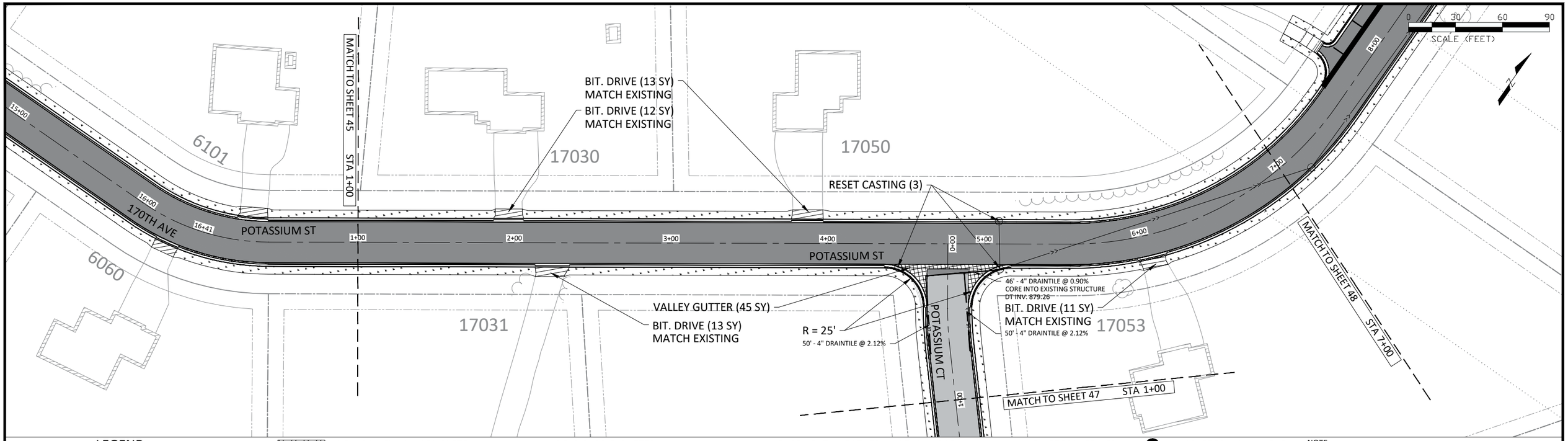
SHEET 45 OF 77 SHEETS



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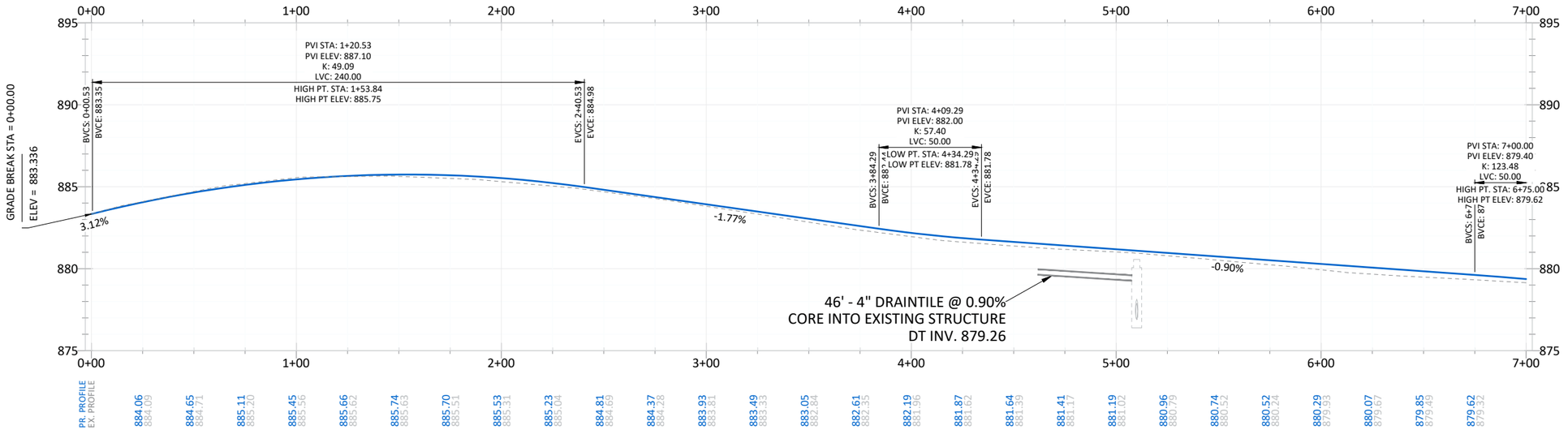
Profile View of POTASSIUM ST CL



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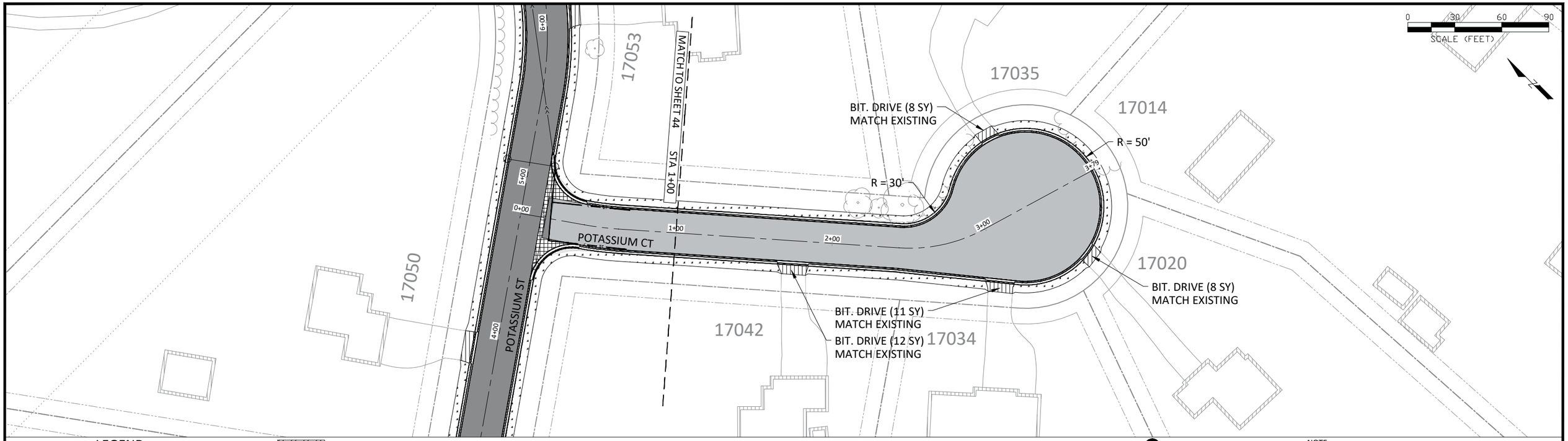
SHEET 46 OF 77 SHEETS



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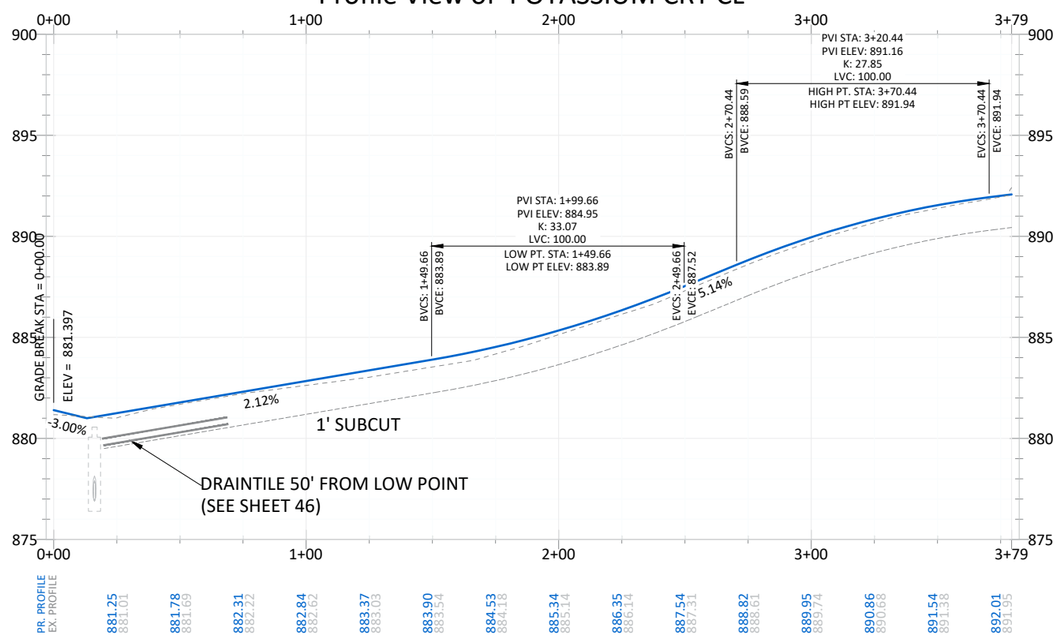
- PR. STORM MANHOLE
- PR. STORM CATCH BASIN
- PR. FLARED END SECTION

NOTE:
1. STREET WIDTHS ARE 31' B-B UNLESS OTHERWISE NOTED.
2. TYPICAL SECTION SEE SHEET 05.
3. RESTORATION AREAS ARE SHOWN IN A GENERAL MANNER ONLY.
4. RESTORE ALL DISTURBED AREAS WITH 4" TOPSOIL, HYDROSEED, MNDOT SEED MIX 25-151, AND HYDRAULIC MATRIX TYPE MULCH UNLESS OTHERWISE NOTED.

Profile View of POTASSIUM CRT CL



DATE	REVISION

Nov 20, 2024 – 7:36am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Reccon 24-13\Plan Drawings\Street Improvements.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

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

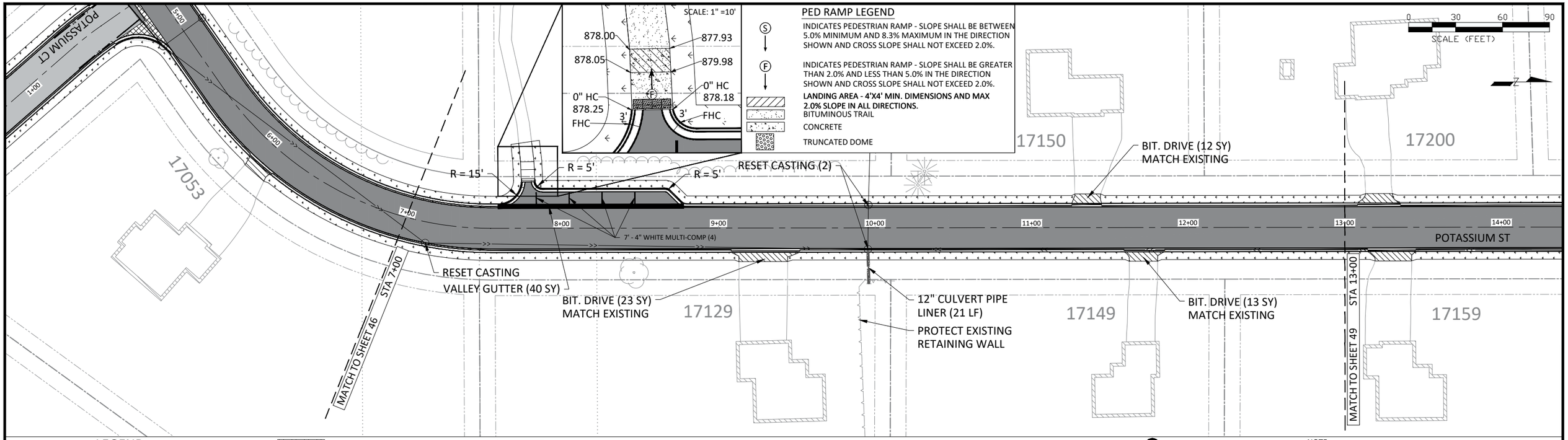
City of RAMSEY

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

STREET CONSTRUCTION

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 47 OF 77 SHEETS



LEGEND

- BIT PAVEMENT
- BIT PAVEMENT - SOIL CORRECTION AREA
- SEEDING AREA
- NEW DRIVEWAY - CONCRETE
- NEW DRIVEWAY - CONC SPECIAL
- NEW DRIVEWAY - BITUMINOUS
- NEW DRIVEWAY - GRAVEL
- B618 CURB & GUTTER
- CURB CUT
- SURMOUNTABLE CURB & GUTTER
- VALLEY GUTTER
- EASEMENT - NORTHERN NATURAL GAS
- EASEMENT - NORTHERN STATES POWER
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- EX. STORM SEWER
- PR. STORM SEWER
- RIPRAP CLASS III
- CONCRETE FLUME
- PR. STORM MANHOLE
- PR. STORM CATCH BASIN
- PR. FLARED END SECTION

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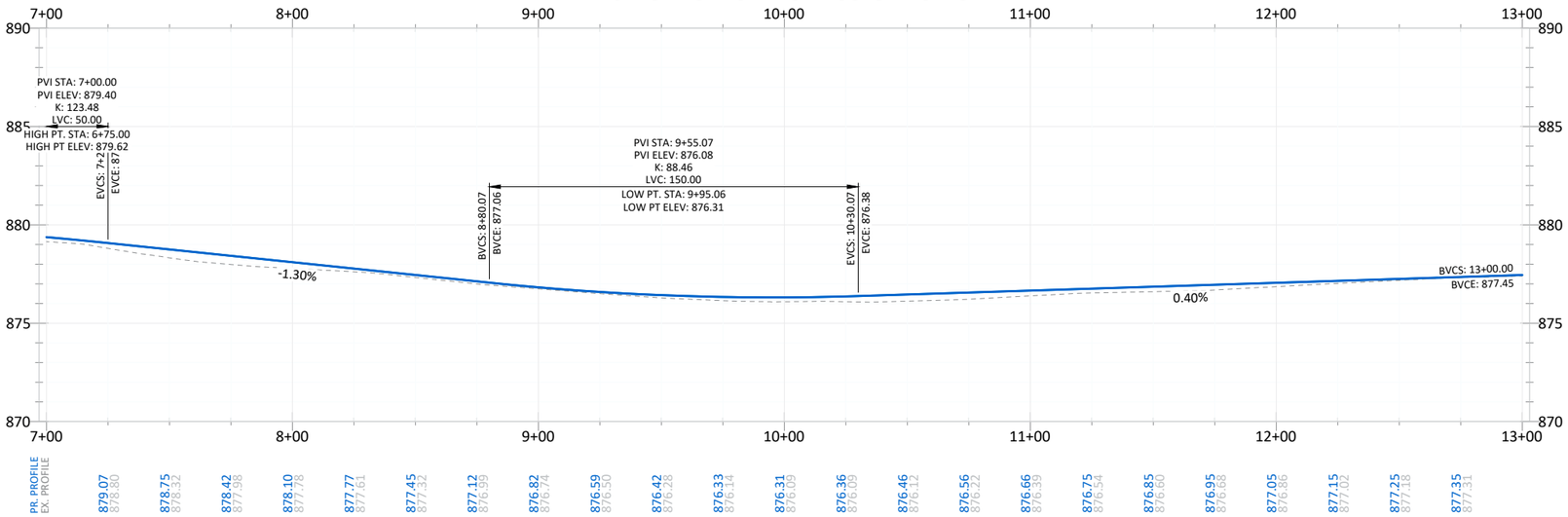
Profile View of POTASSIUM ST CL



DATE	REVISION

Nov 20, 2024 – 7:37am
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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
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CHECKED BY:	JJF	FILE: 24-13

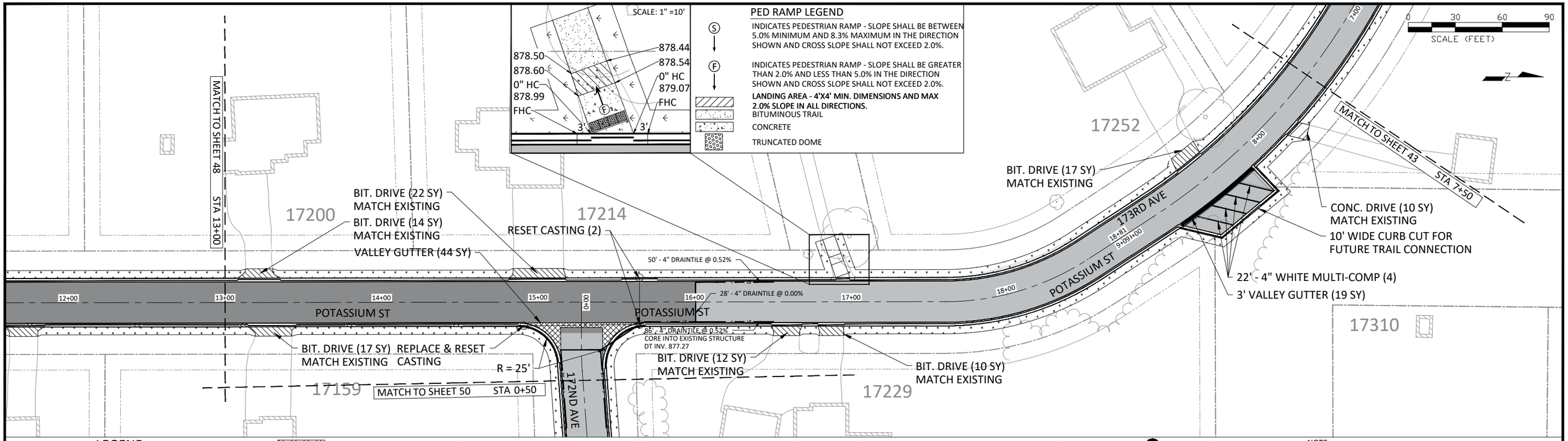
City of RAMSEY

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

STREET CONSTRUCTION

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 48 OF 77 SHEETS



LEGEND

- BIT PAVEMENT
- BIT PAVEMENT - SOIL CORRECTION AREA
- SEEDING AREA
- NEW DRIVEWAY - CONCRETE
- NEW DRIVEWAY - CONC SPECIAL
- NEW DRIVEWAY - BITUMINOUS
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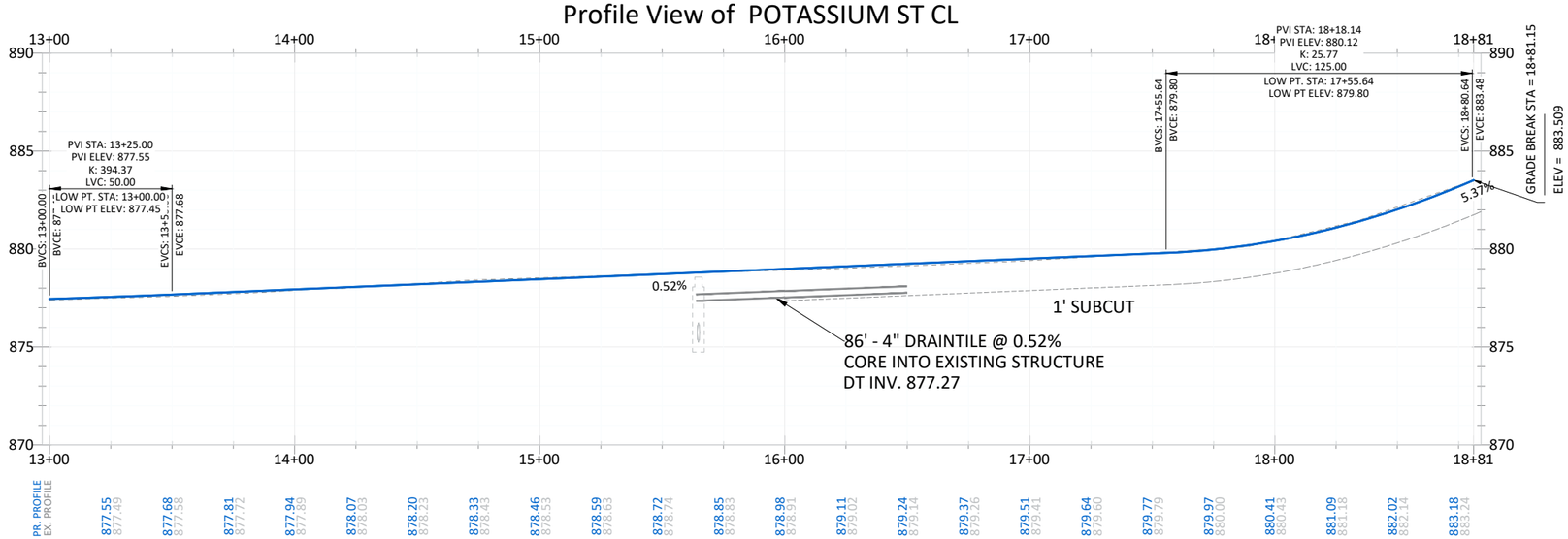
Profile View of POTASSIUM ST CL



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EX. PROFILE	877.49	877.56	877.72	877.89	878.03	878.23	878.43	878.55	878.63	878.74	878.83	878.91	879.02	879.14	879.26	879.41	879.60	879.79	880.00	880.43	881.18	882.14	883.24

DATE	REVISION

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JOE FERIANCEK
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CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
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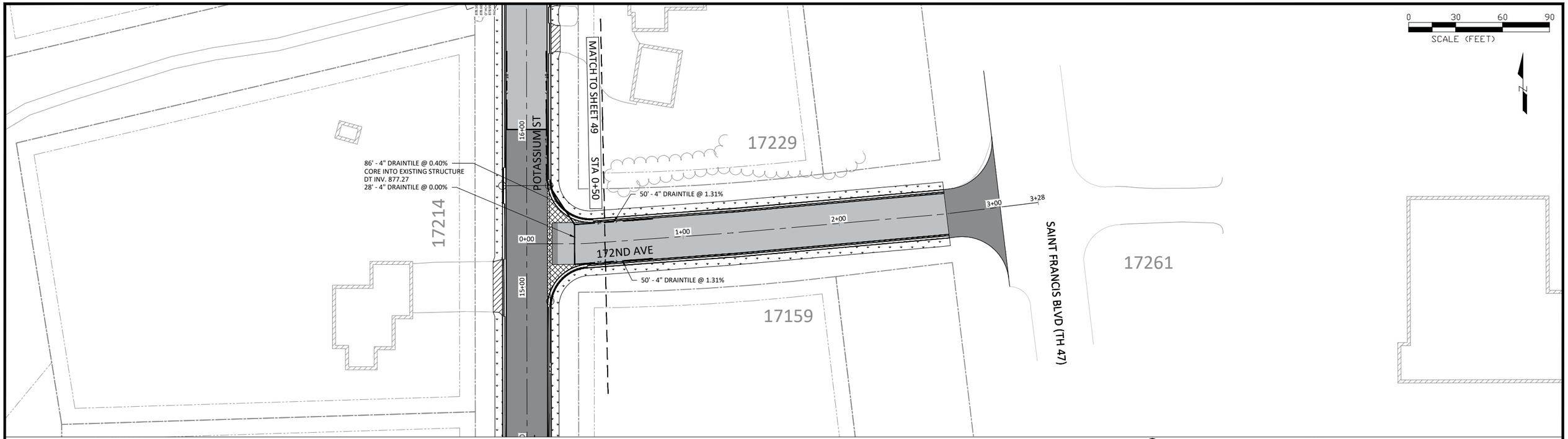
STREET CONSTRUCTION

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 49 OF 77 SHEETS



LEGEND

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- BIT PAVEMENT - SOIL CORRECTION AREA
- SEEDING AREA
- NEW DRIVEWAY - CONCRETE
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- NEW DRIVEWAY - BITUMINOUS
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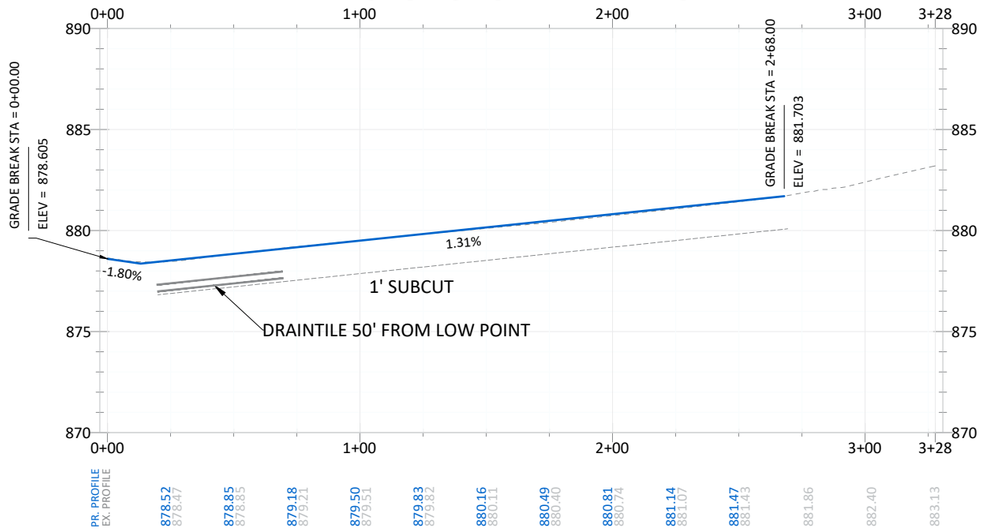
Profile View of 172ND AVE CL



DATE	REVISION

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City of RAMSEY

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RAMSEY, MN 55303
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STREET CONSTRUCTION

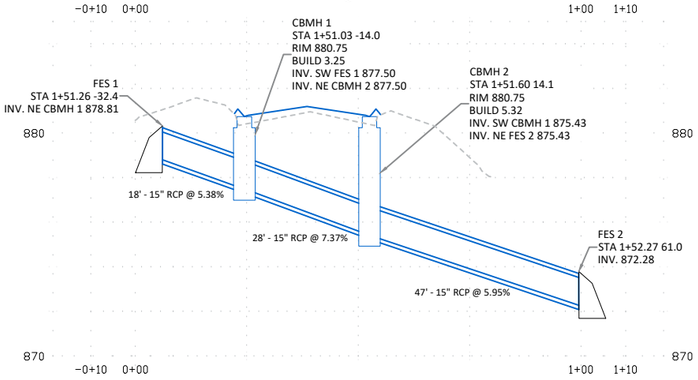
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 50 OF 77 SHEETS

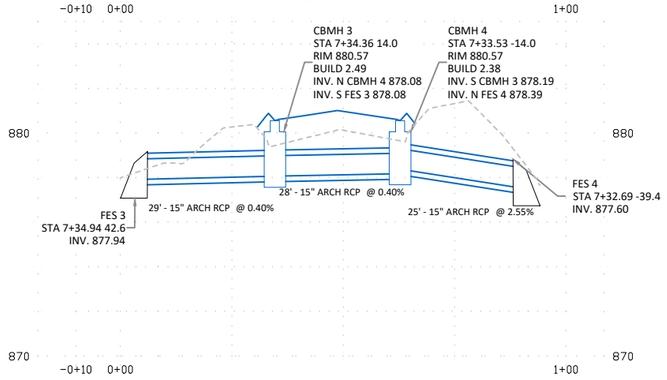
0 100 200 300
SCALE (FEET)

N

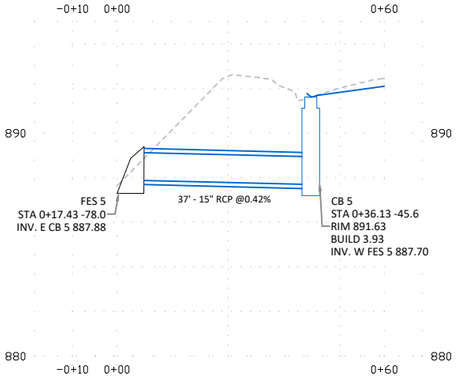
Profile View of Alignment - FES 1 - FES 2



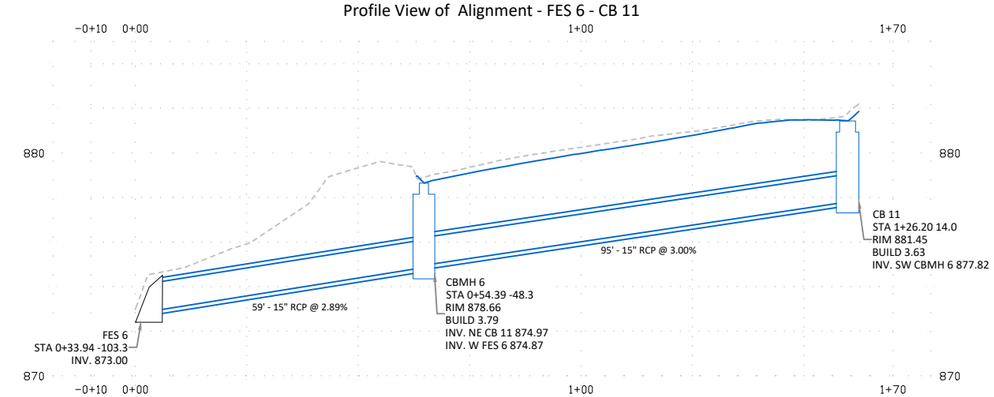
Profile View of Alignment - FES 3 - FES 4



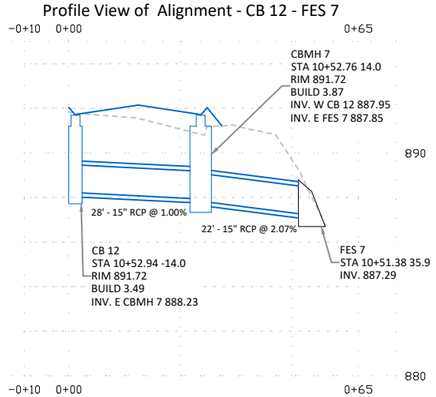
Profile View of Alignment - FES 5 - CB 5



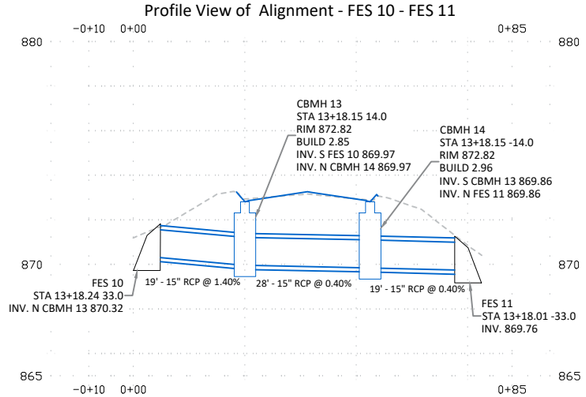
Profile View of Alignment - FES 6 - CB 11



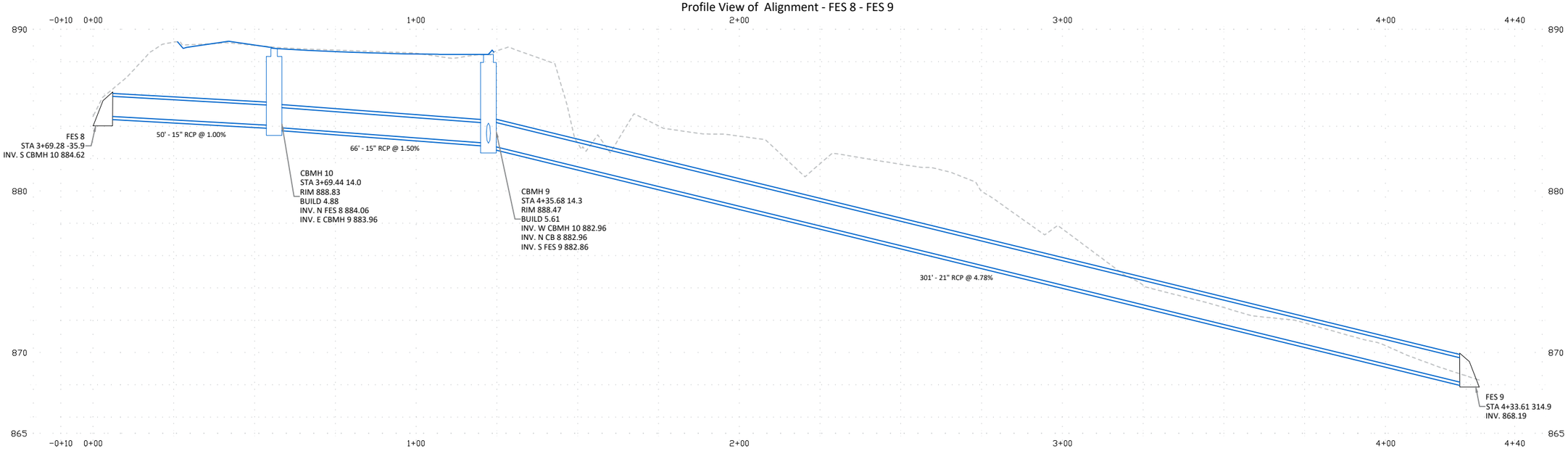
Profile View of Alignment - CB 12 - FES 7



Profile View of Alignment - FES 10 - FES 11



Profile View of Alignment - FES 8 - FES 9



DATE	REVISION

Nov 15, 2024 - 10:16am
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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

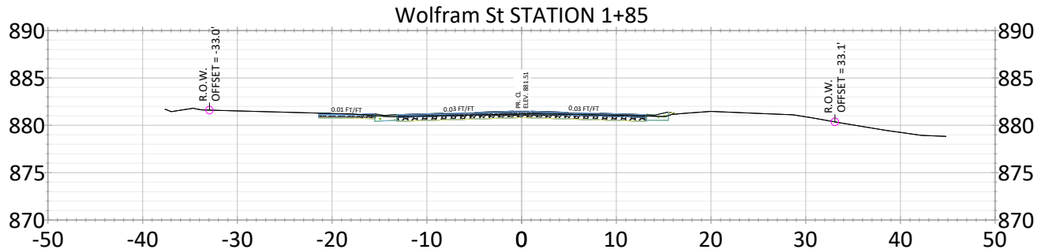
City of RAMSEY

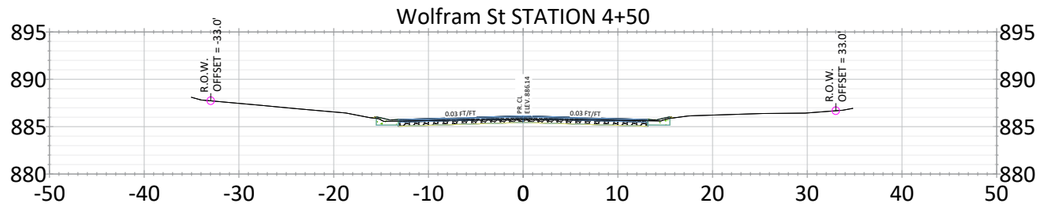
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

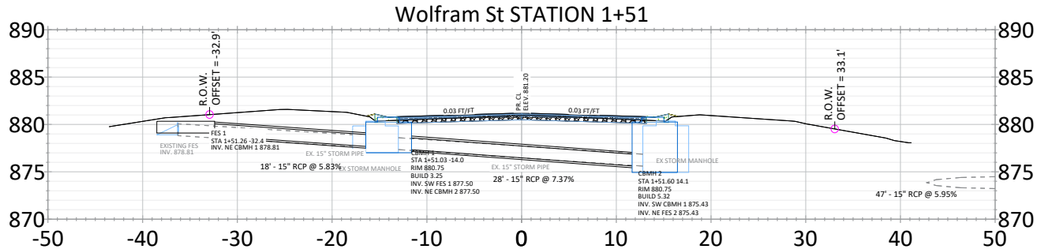
STORM SEWER PROFILES

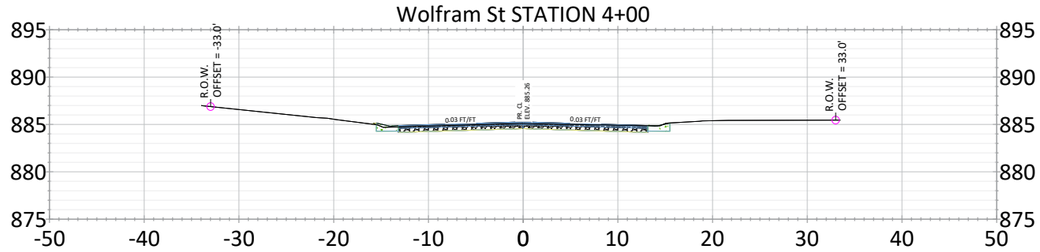
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

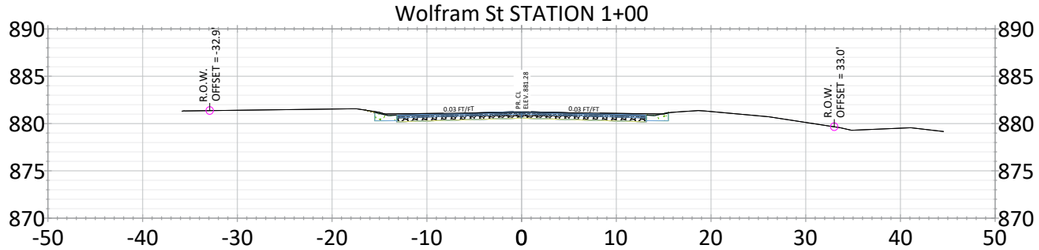
SHEET 51 OF 77 SHEETS

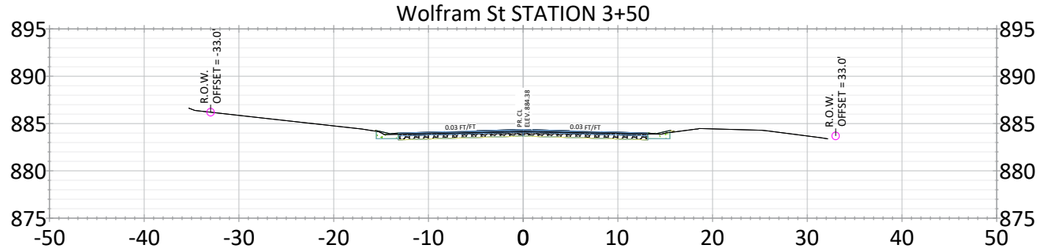


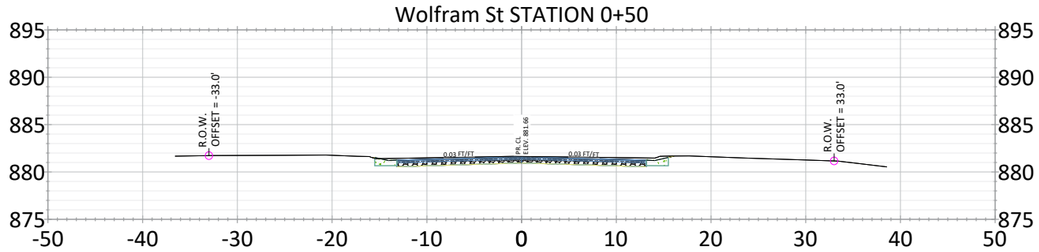


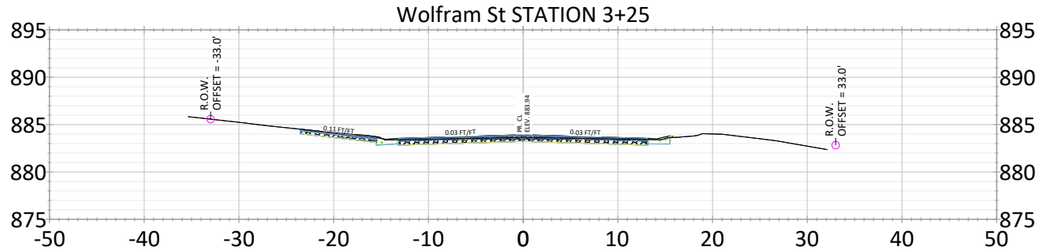


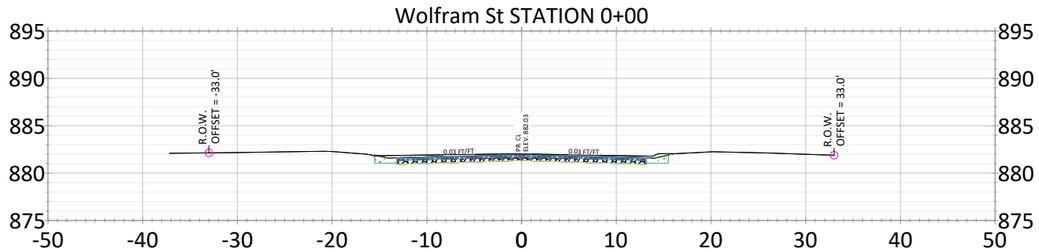


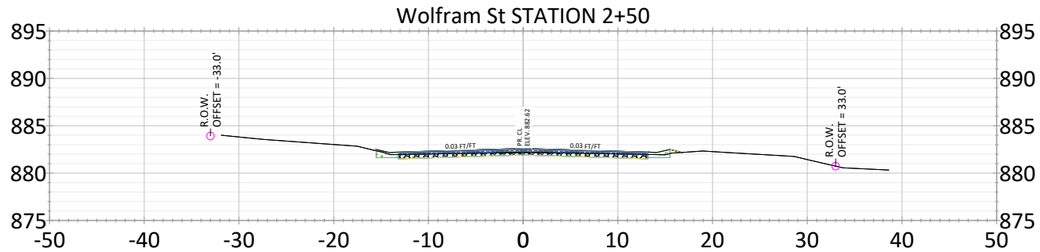












DATE	REVISION

Nov 15, 2024 - 10:33am
C:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.dwg

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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
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CHECKED BY:	JJF	FILE:	24-13

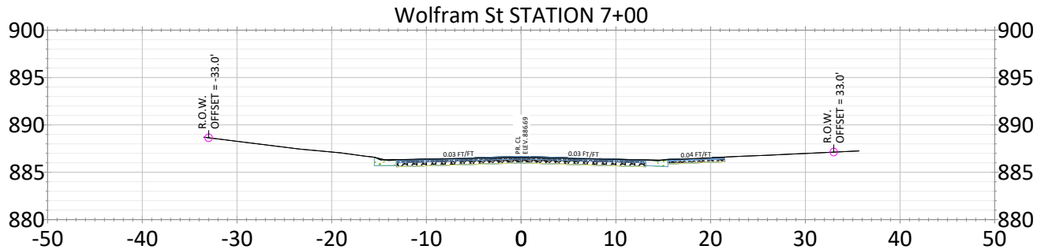
City of RAMSEY

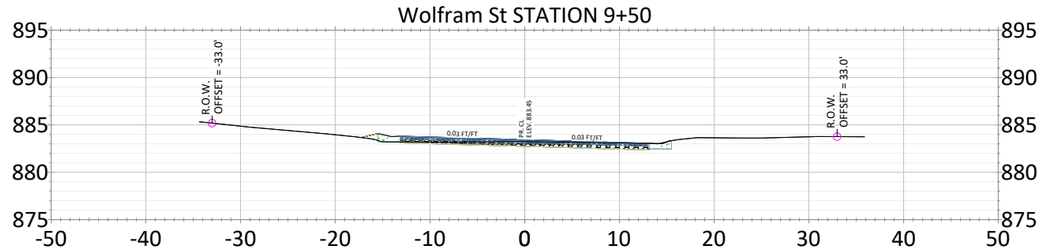
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

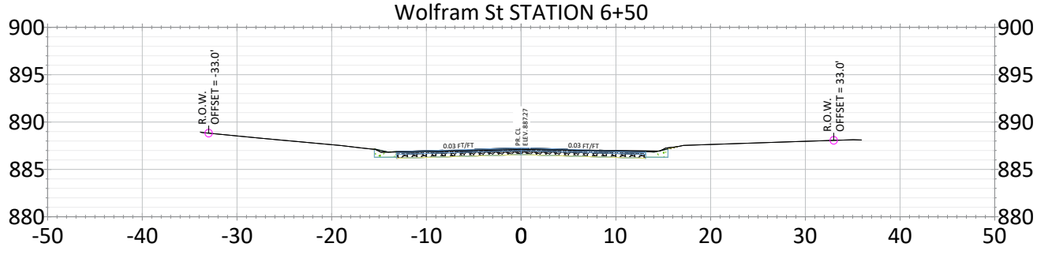
CROSS SECTIONS - WOLFRAM ST 0+00 - 4+50

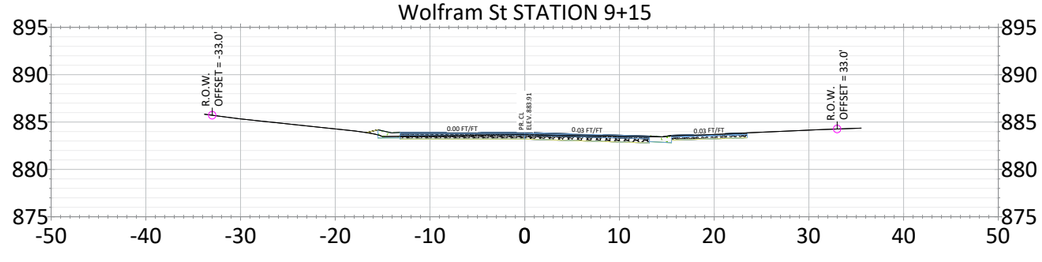
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

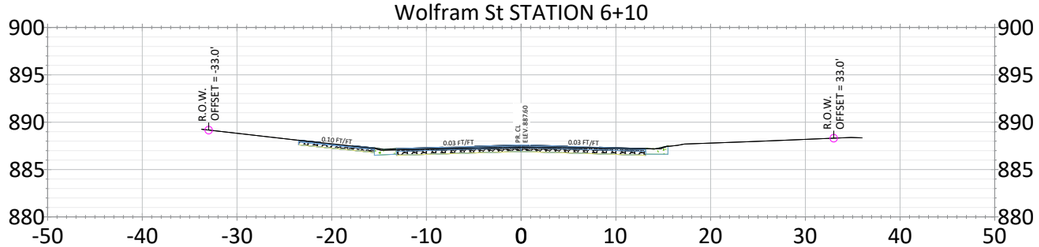
SHEET 52 OF 77 SHEETS

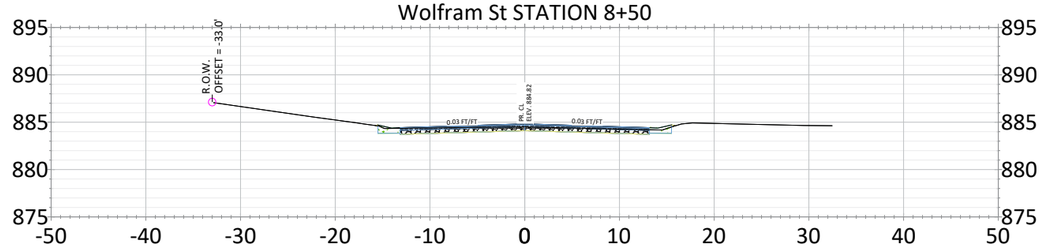


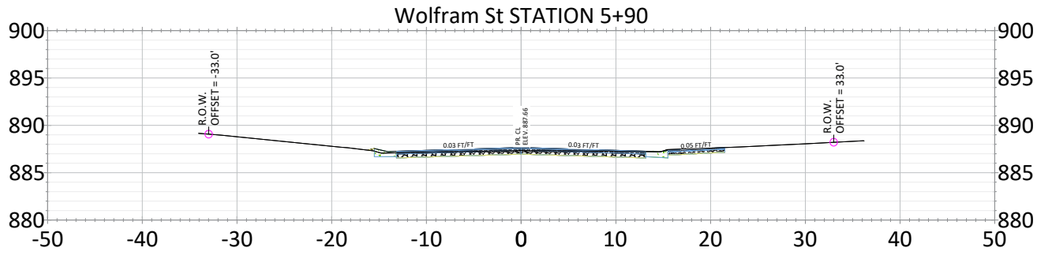


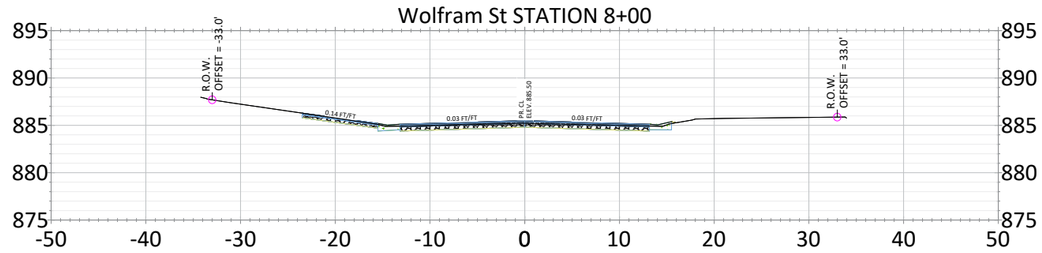


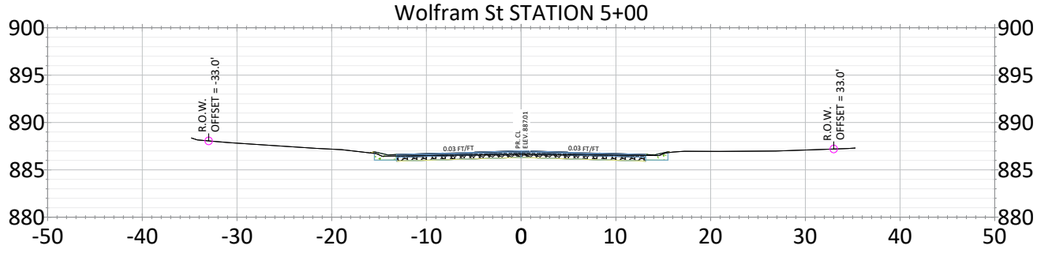


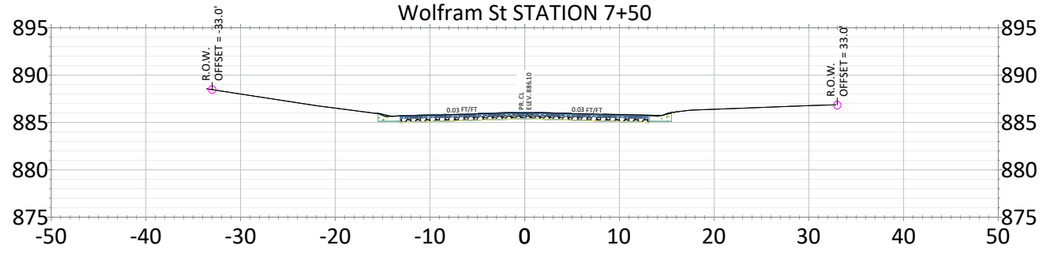












DATE	REVISION

Nov 15, 2024 - 10:20am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.dwg

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CHECKED BY:	JJF	FILE:	24-13

City of RAMSEY

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RAMSEY, MN 55303
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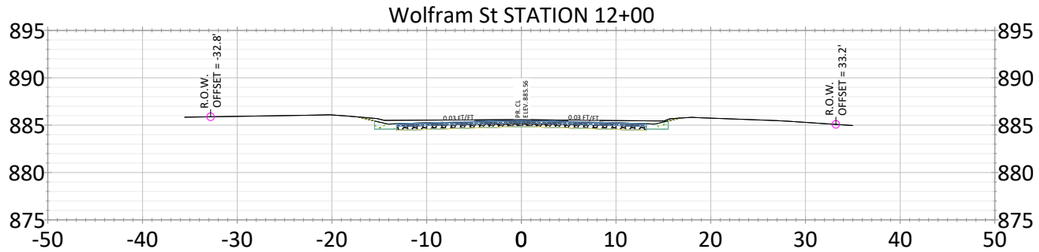
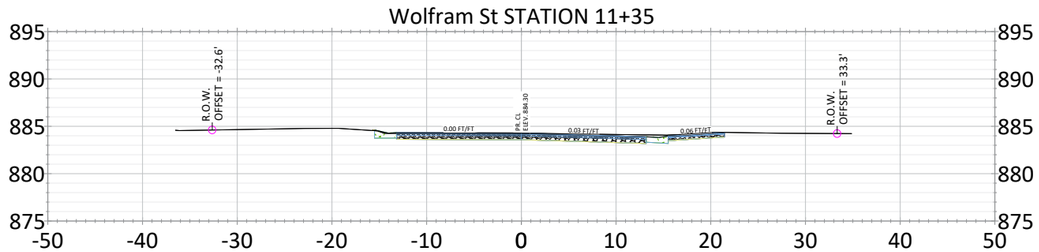
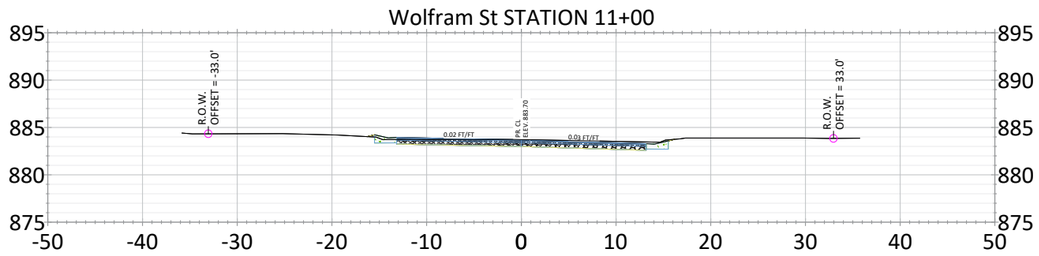
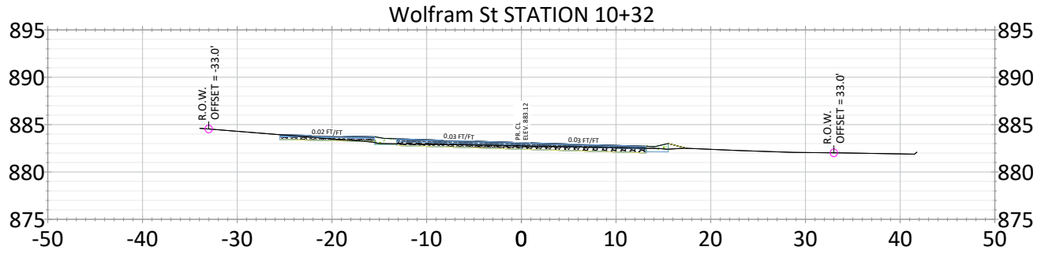
CROSS SECTIONS - WOLFRAM ST 5+00 - 9+50

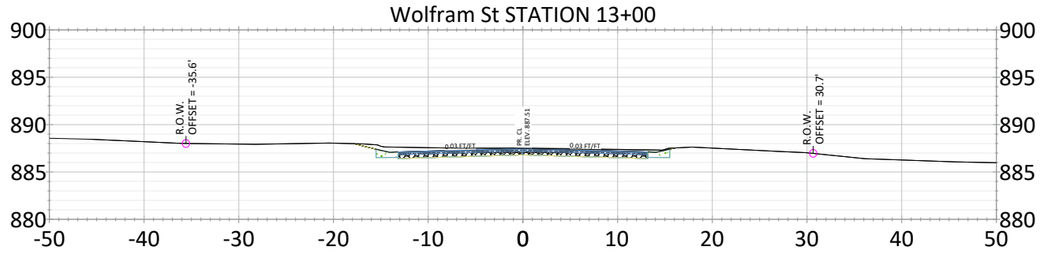
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

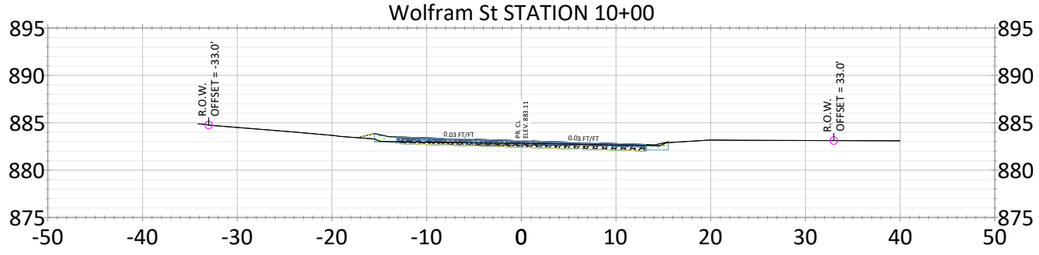


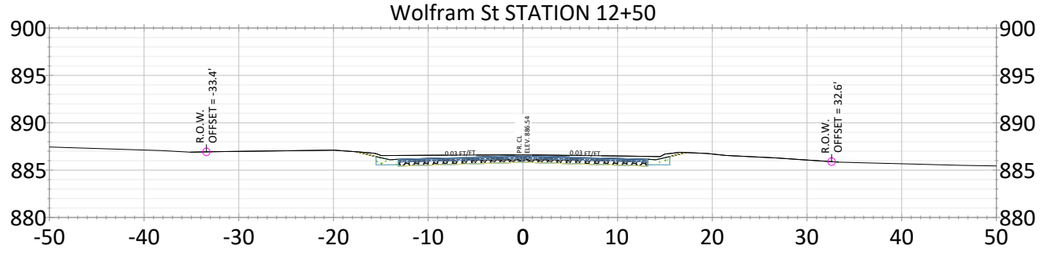












DATE	REVISION

Nov 15, 2024 - 10:20am
C:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.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

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

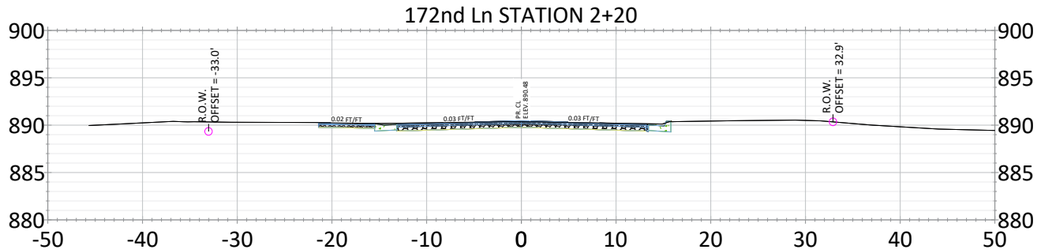
DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

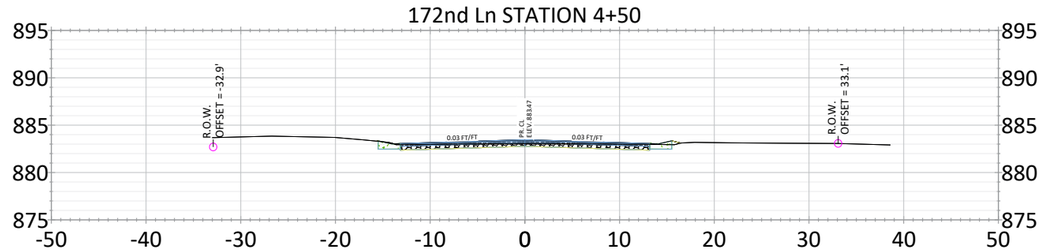
City of RAMSEY

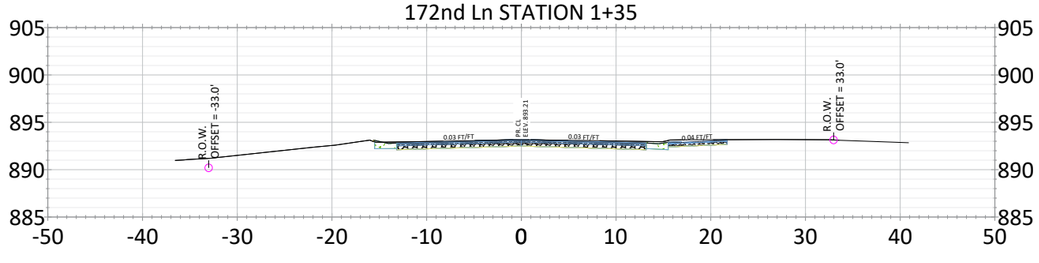
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

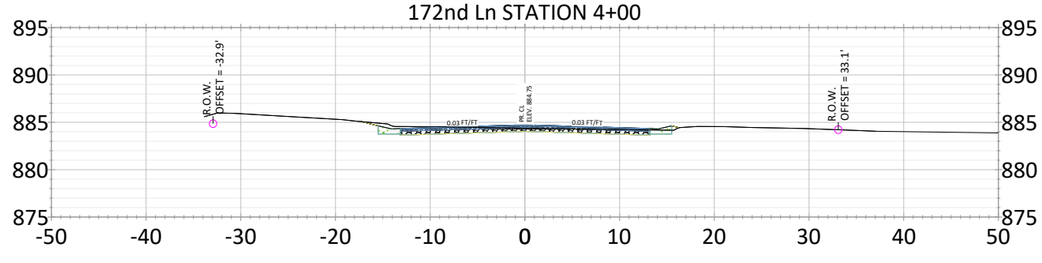
CROSS SECTIONS - WOLFRAM ST 10+00 - 13+00

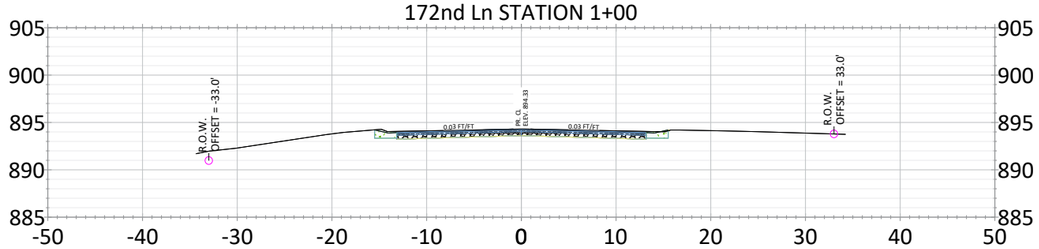
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

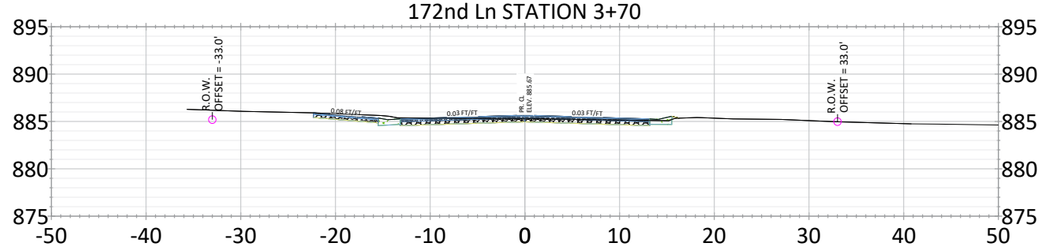


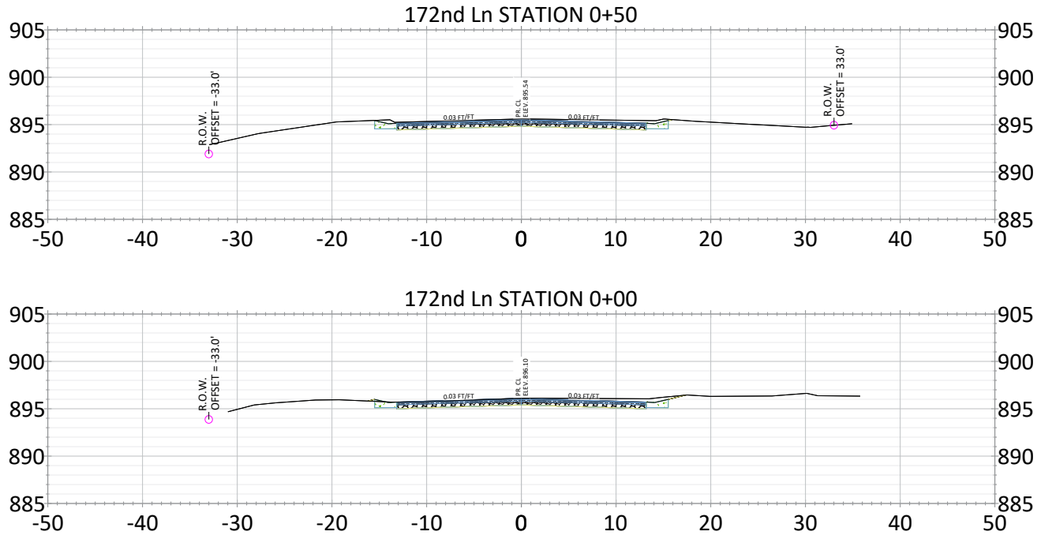


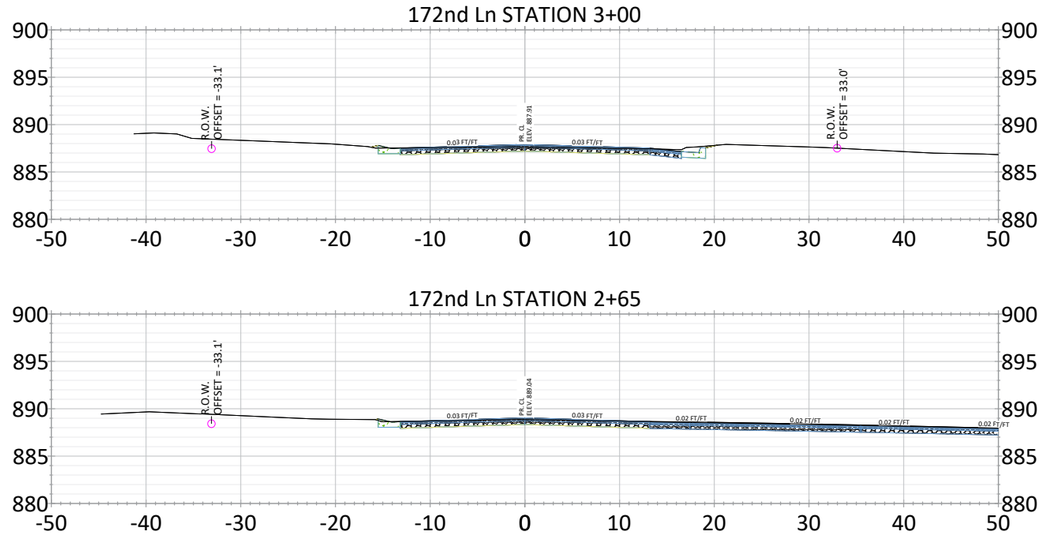












DATE	REVISION

Nov 15, 2024 - 10:21am
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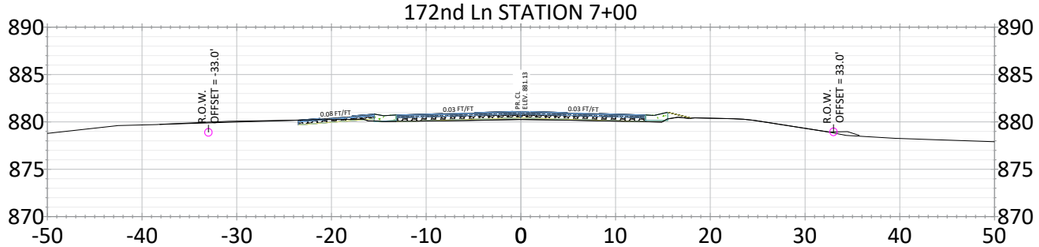
CHECKED BY:	JJF	FILE:	24-13

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

CROSS SECTIONS - 172ND LN 0+00 - 4+50

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

172nd Ln STATION 7+00



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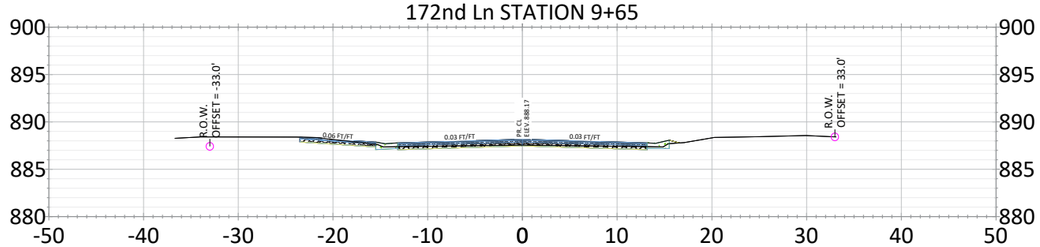

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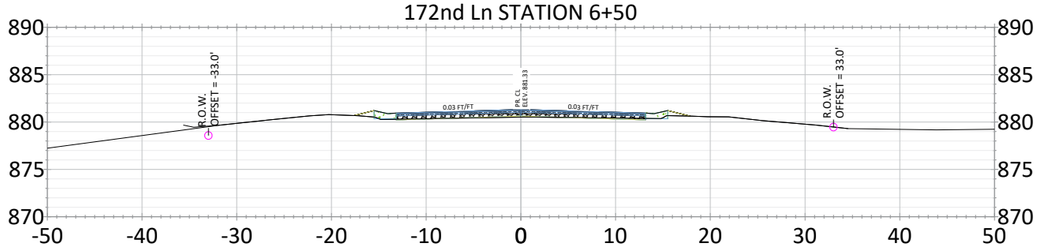

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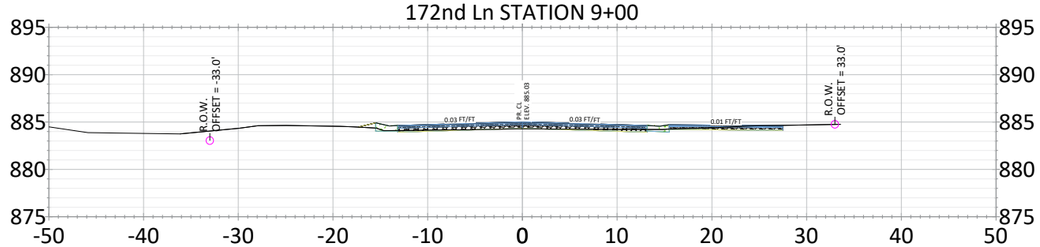

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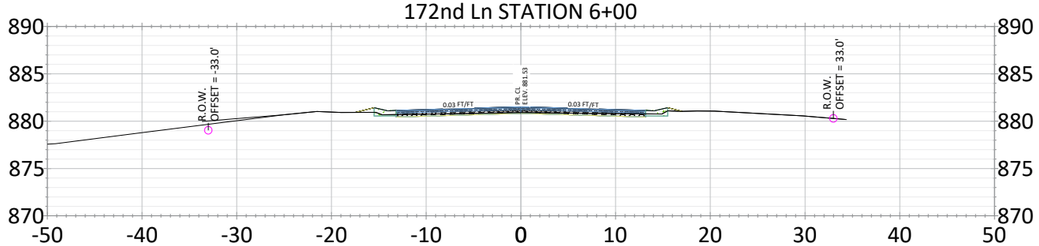

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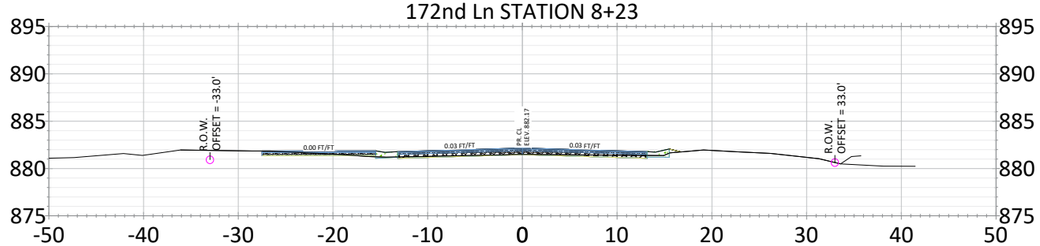

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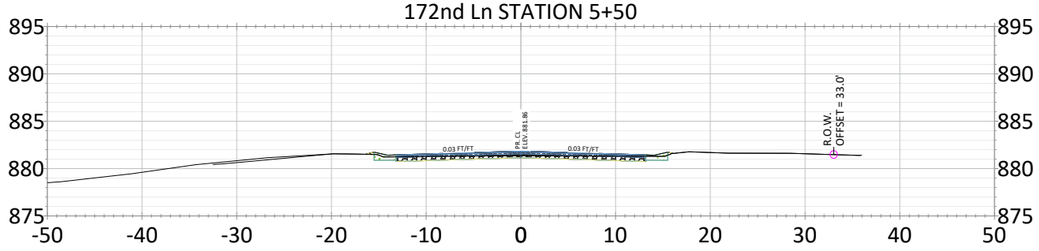

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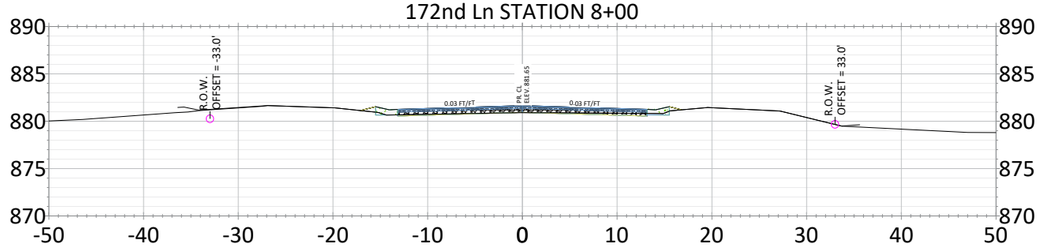

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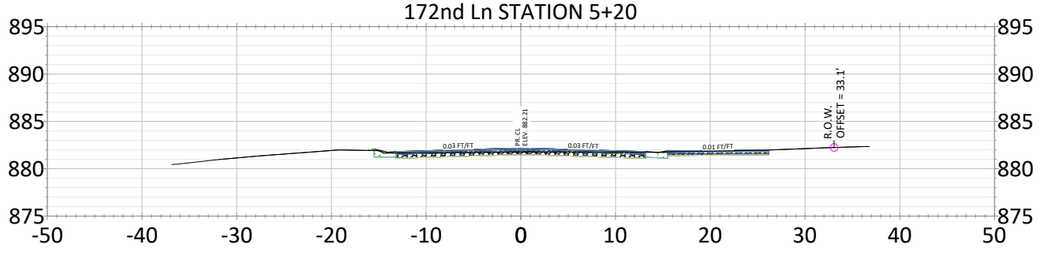

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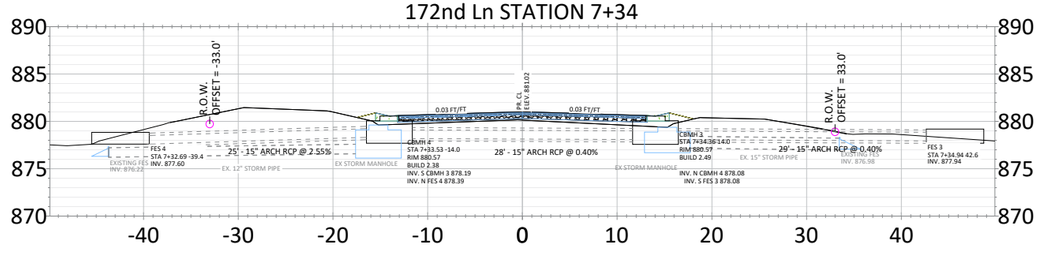

DATE	REVISION

Nov 21, 2024 - 10:21am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.dwg

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Date 11/18/24 Lic. No. 57095

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CHECKED BY:	JJF	FILE:	24-13

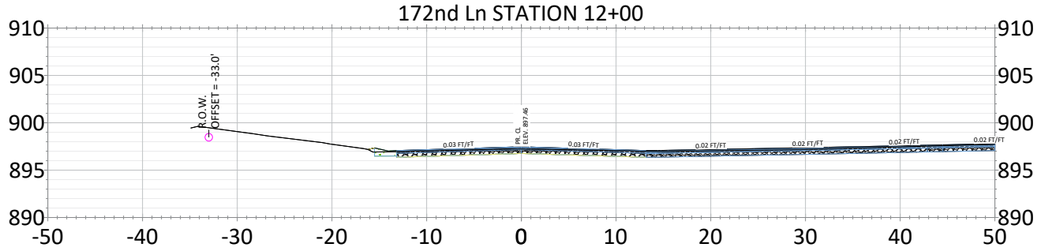
City of RAMSEY

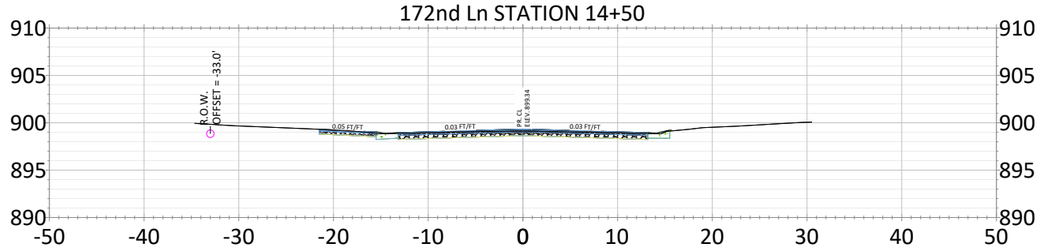
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

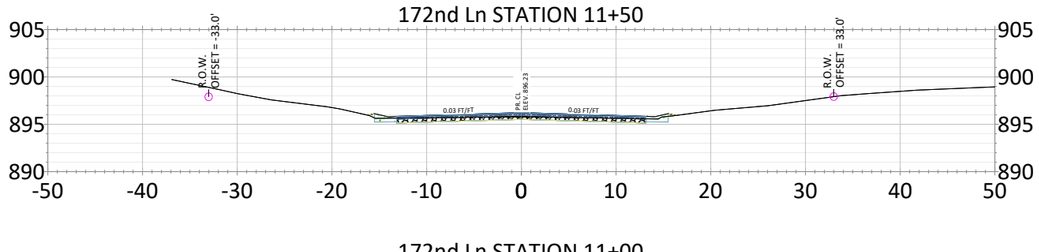
CROSS SECTIONS - 172ND LN 5+20 - 9+65

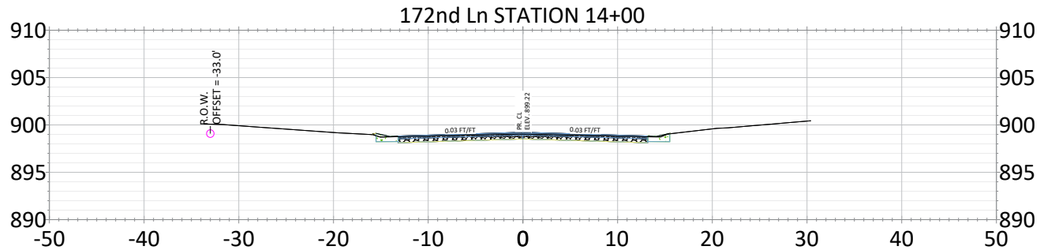
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

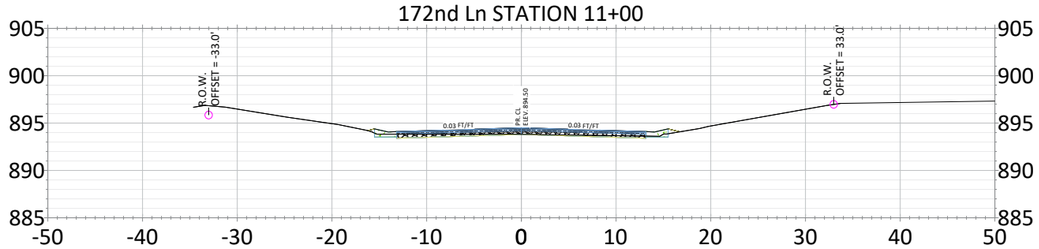
SHEET 56 OF 77 SHEETS

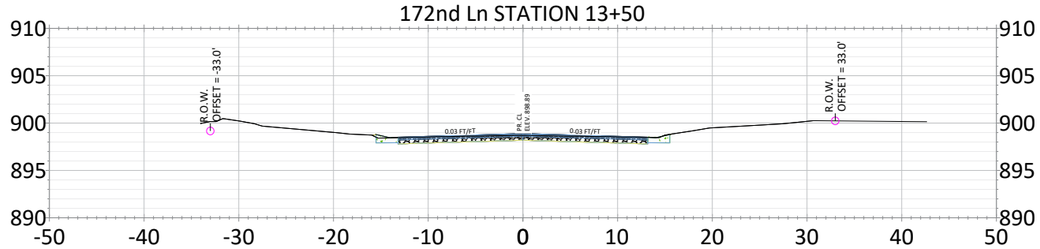


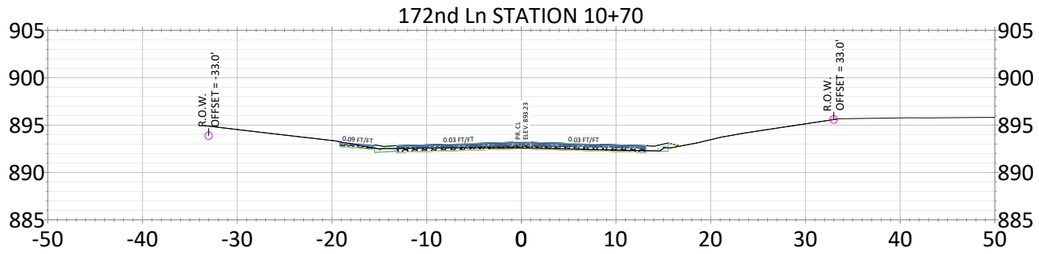


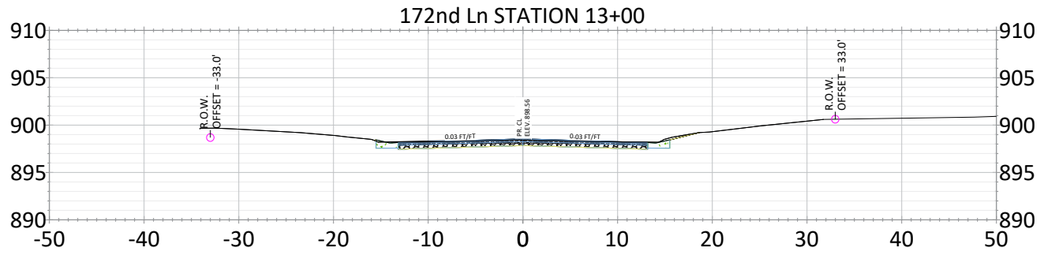


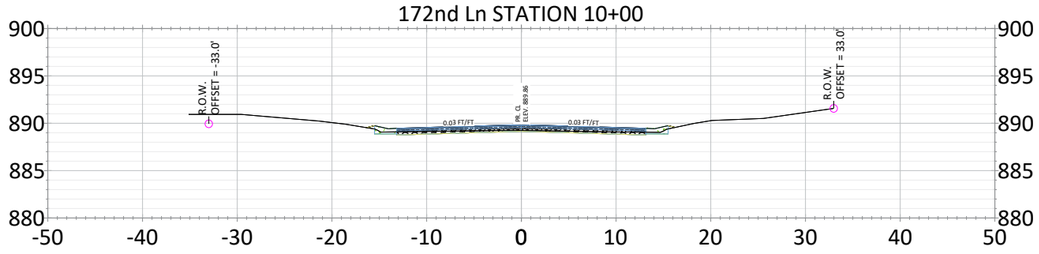


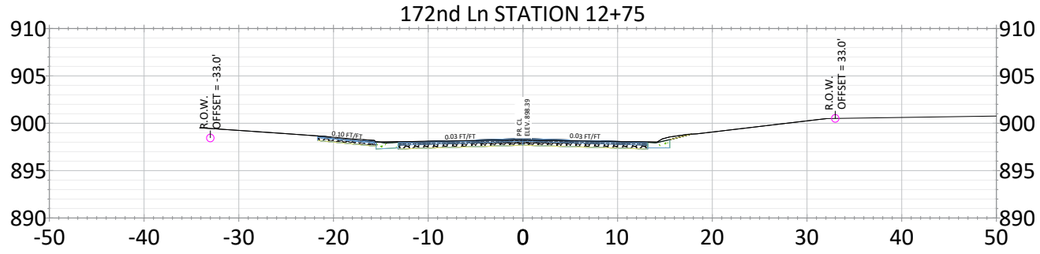












DATE	REVISION

Nov 21, 2024 - 10:22am
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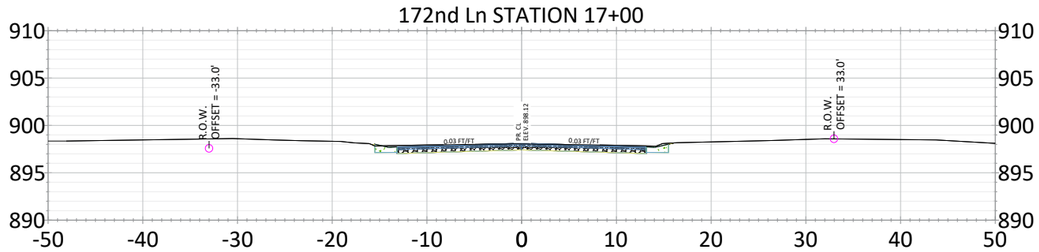
City of RAMSEY

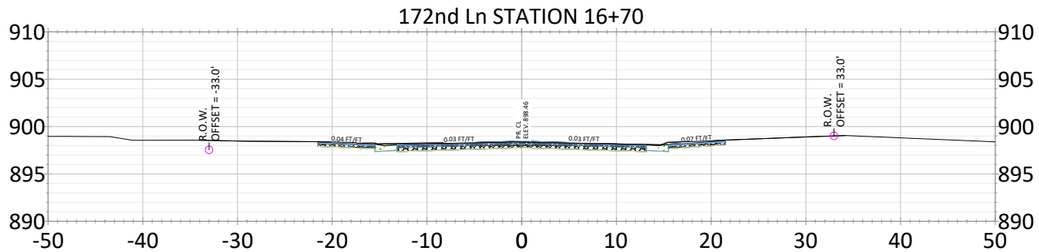
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

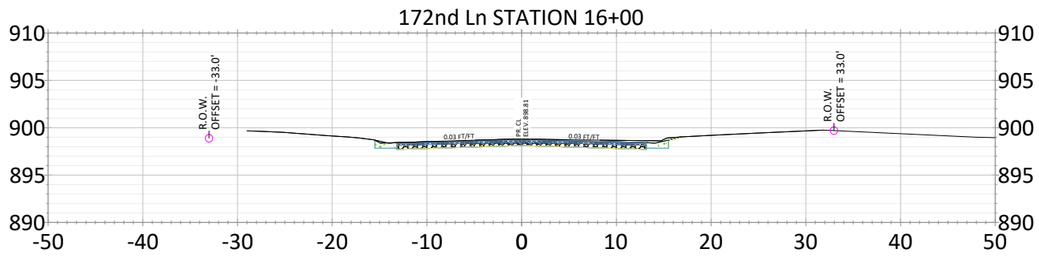
CROSS SECTIONS - 172ND LN 10+00 - 14+50

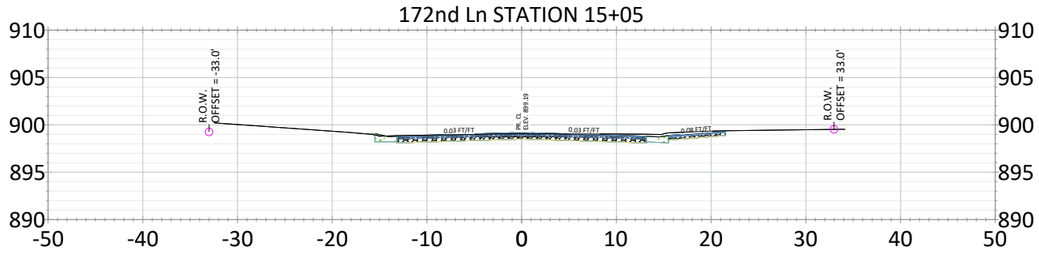
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

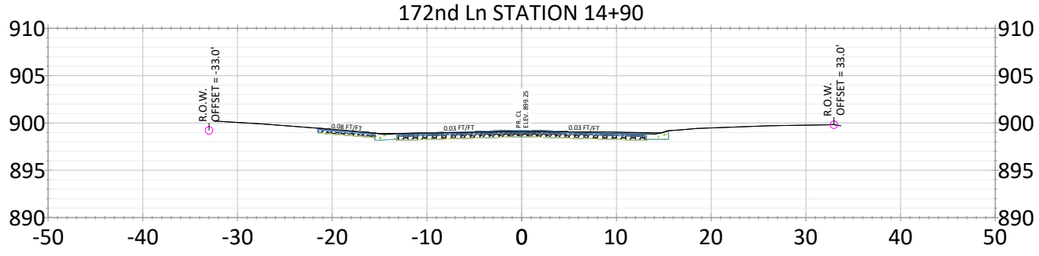
SHEET 57 OF 77 SHEETS











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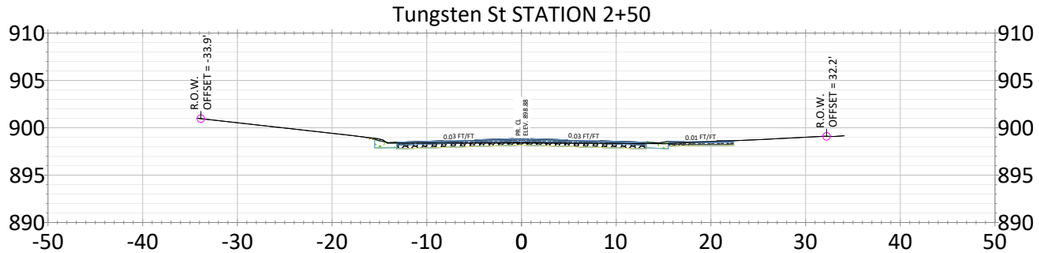
CHECKED BY:	JJF	FILE: 24-13

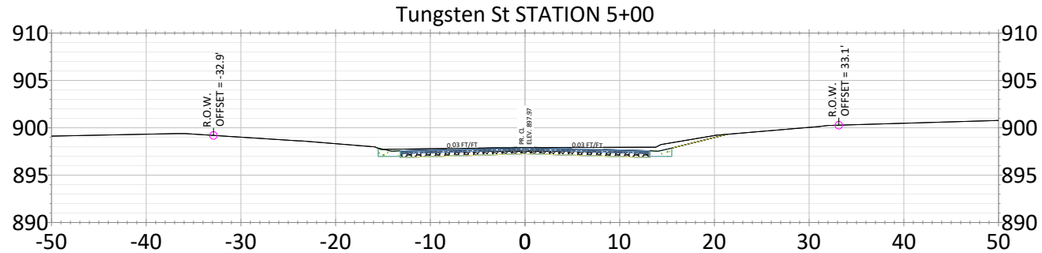
City of RAMSEY

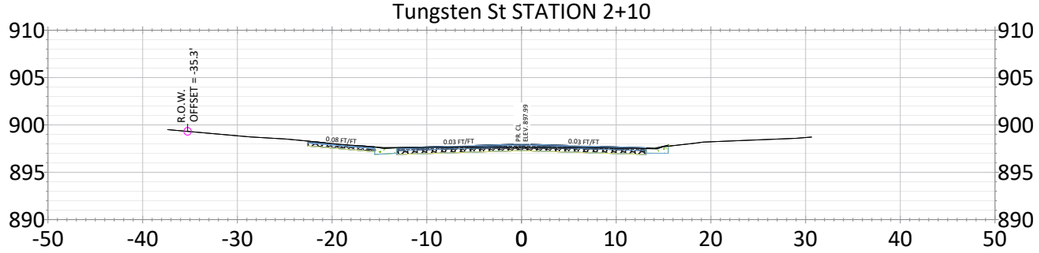
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

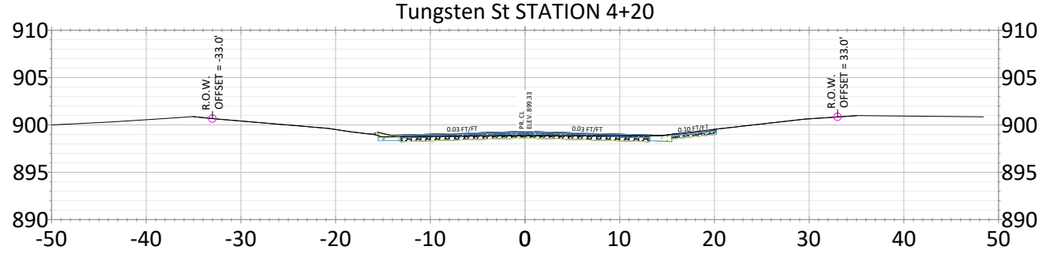
CROSS SECTIONS - 172ND LN 14+90 - 17+00

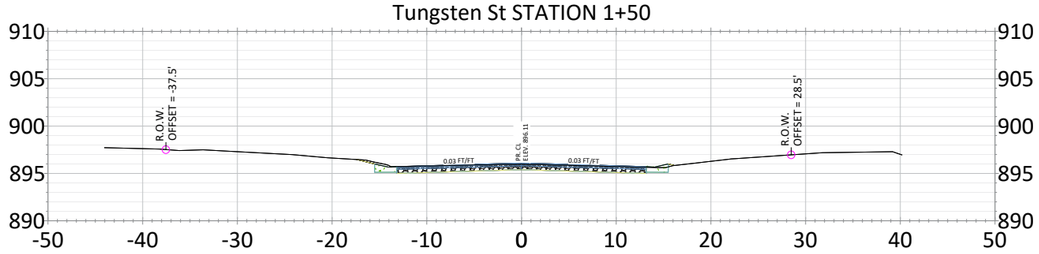
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

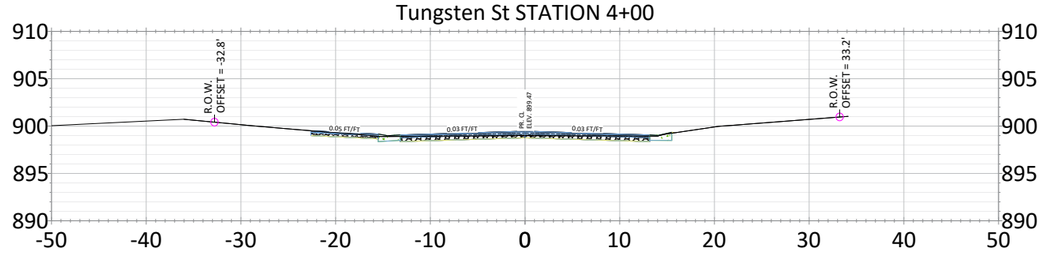


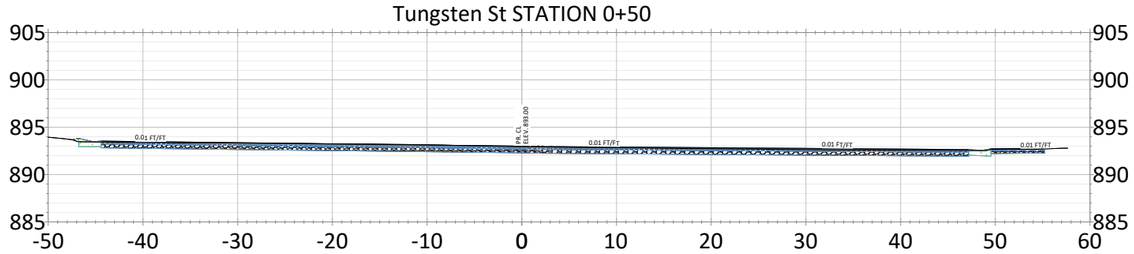


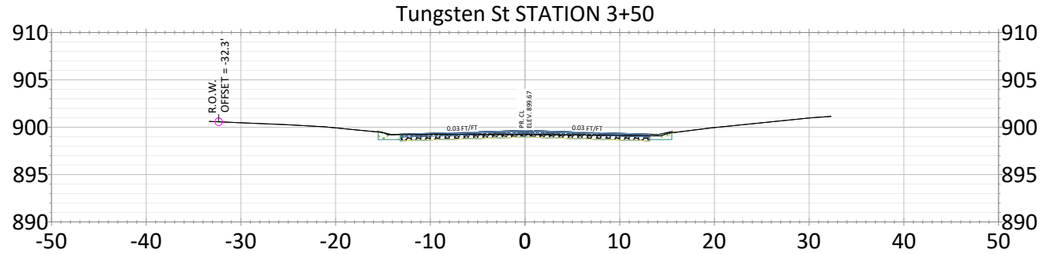


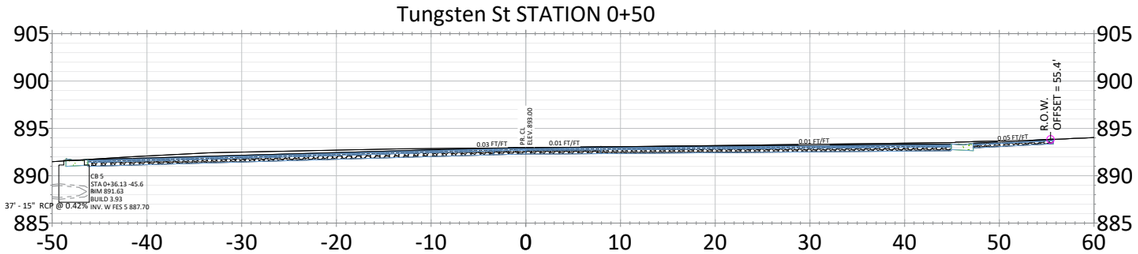


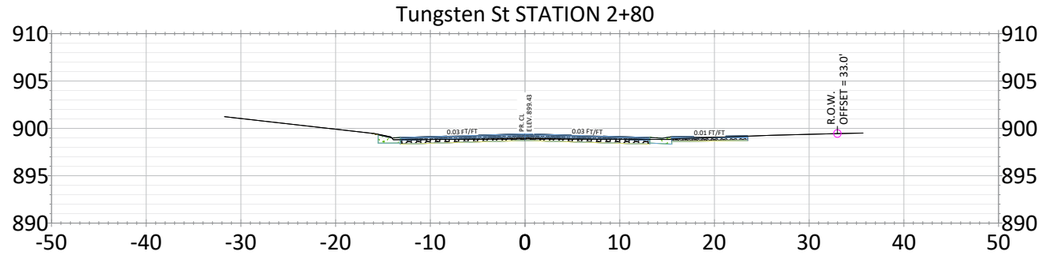












DATE	REVISION

Nov 15, 2024 - 10:22am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.dwg

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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

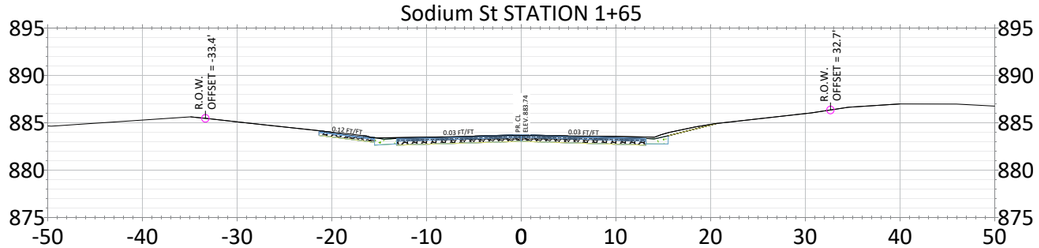
City of RAMSEY

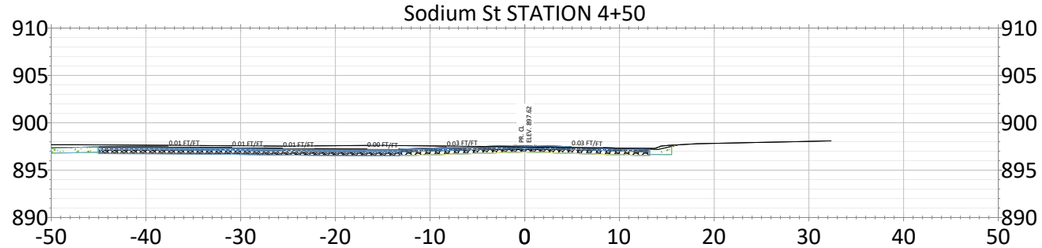
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

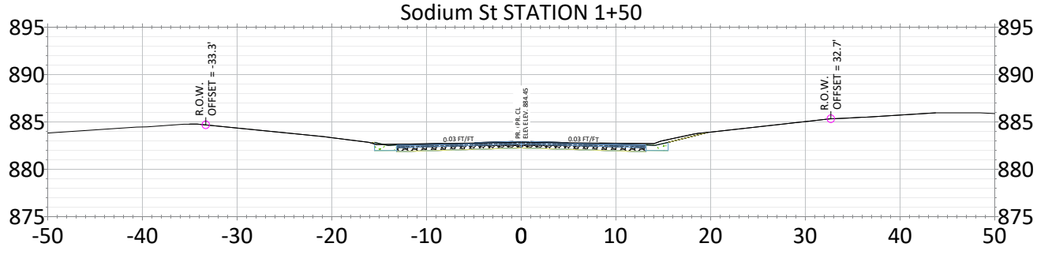
CROSS SECTIONS - TUNGSTEN ST 0+50 - 5+00

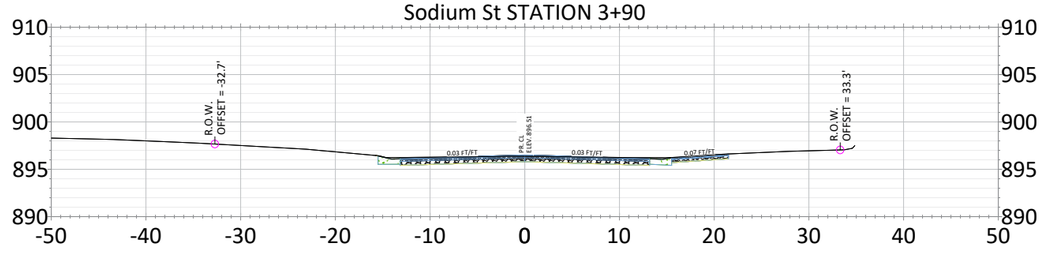
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

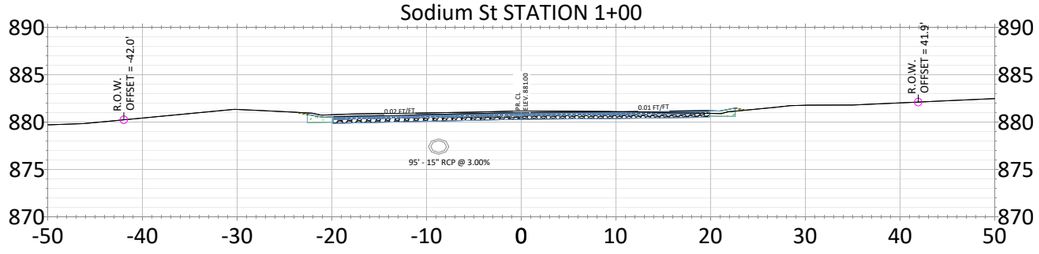
SHEET 59 OF 77 SHEETS

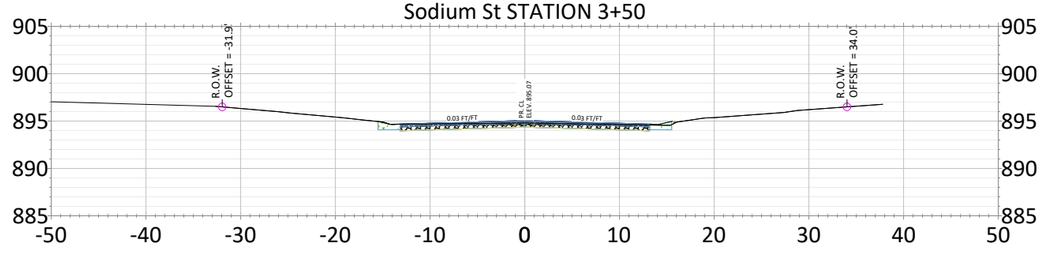


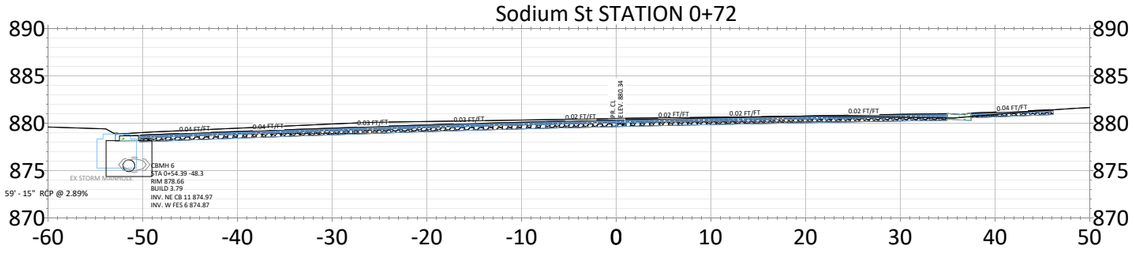


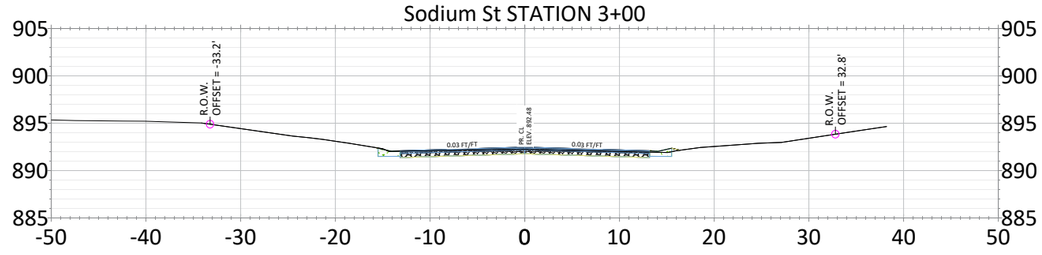


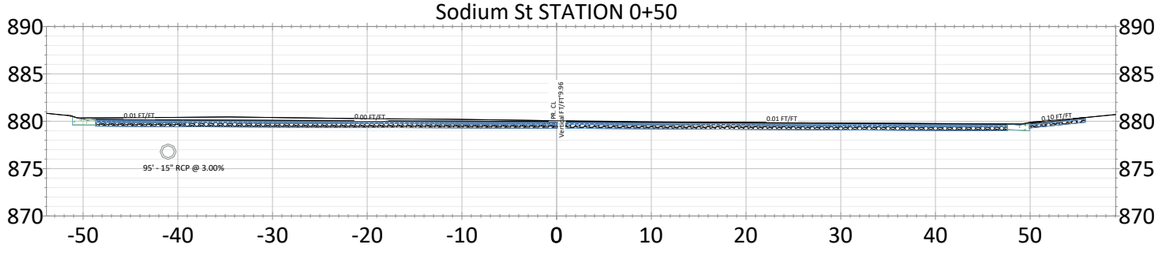


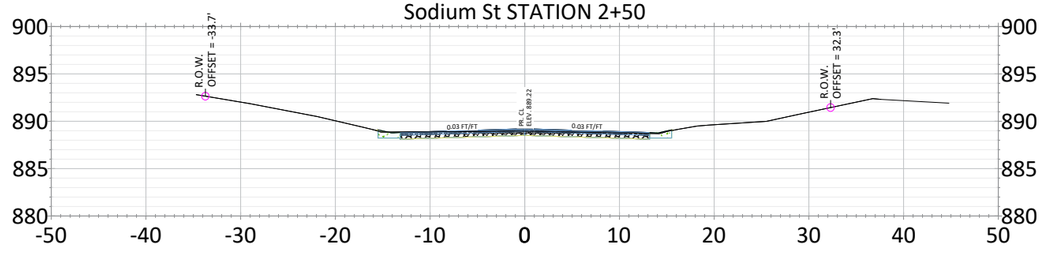












DATE	REVISION

Nov 21, 2024 - 10:22am
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CHECKED BY:	JJF	FILE:	24-13

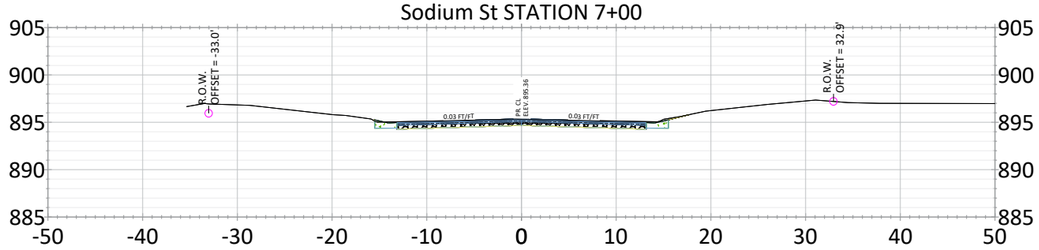
City of RAMSEY

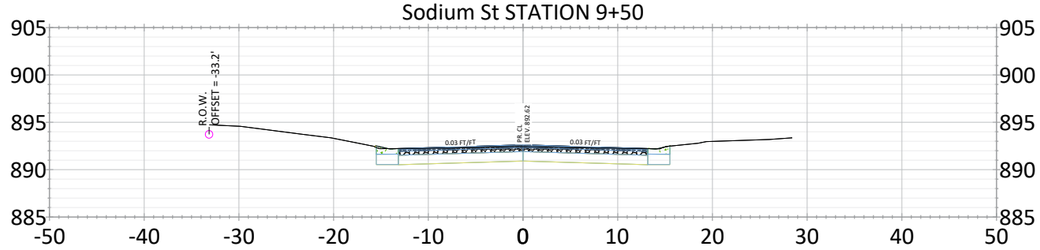
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

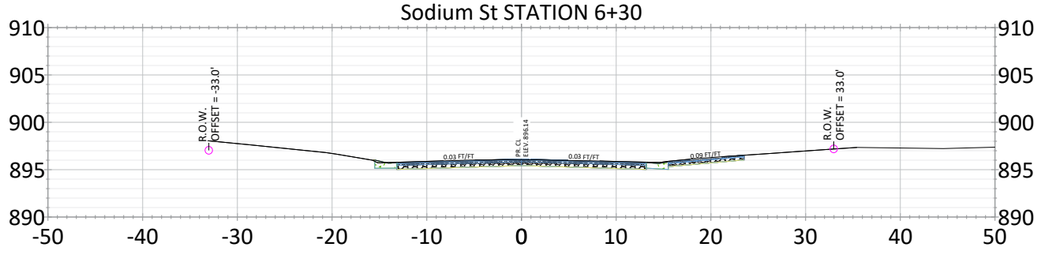
CROSS SECTIONS - SODIUM ST 0+50 - 4+50

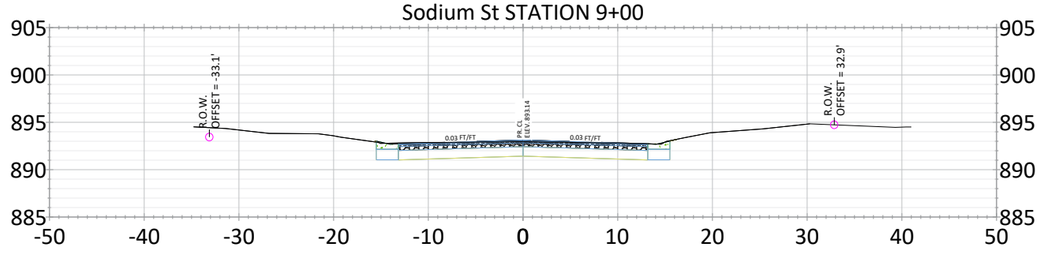
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

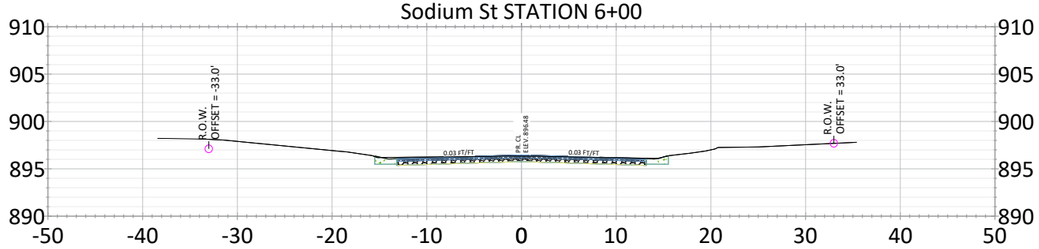
SHEET 60 OF 77 SHEETS

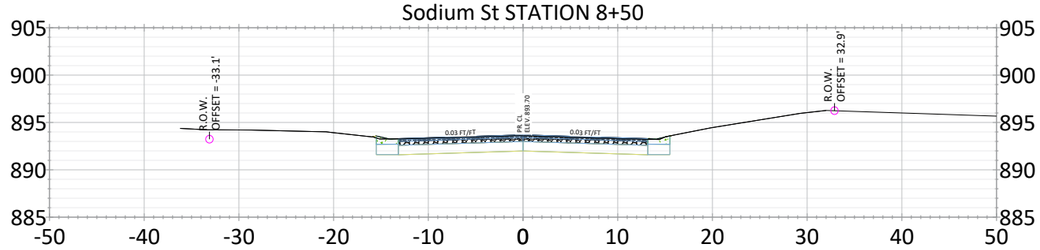


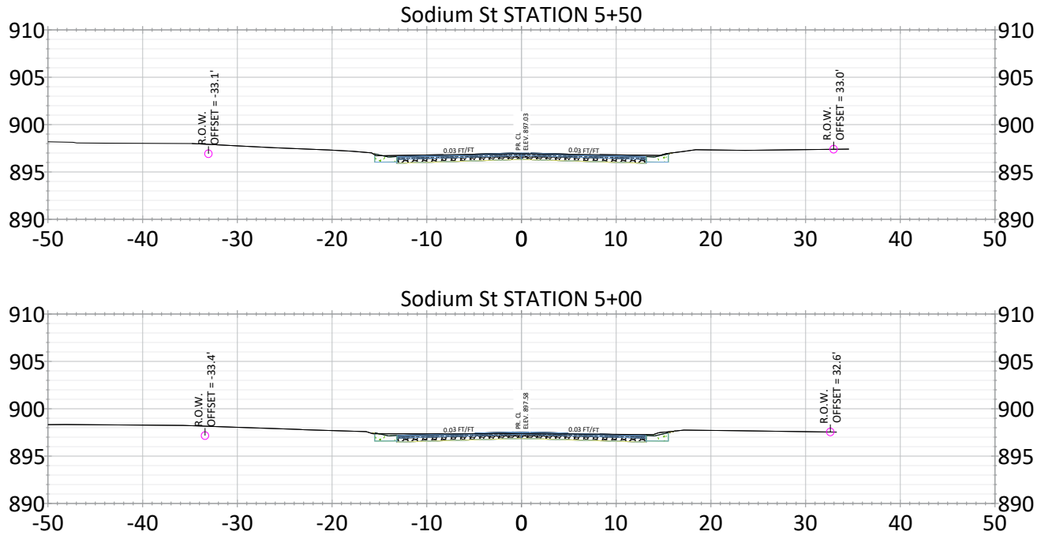


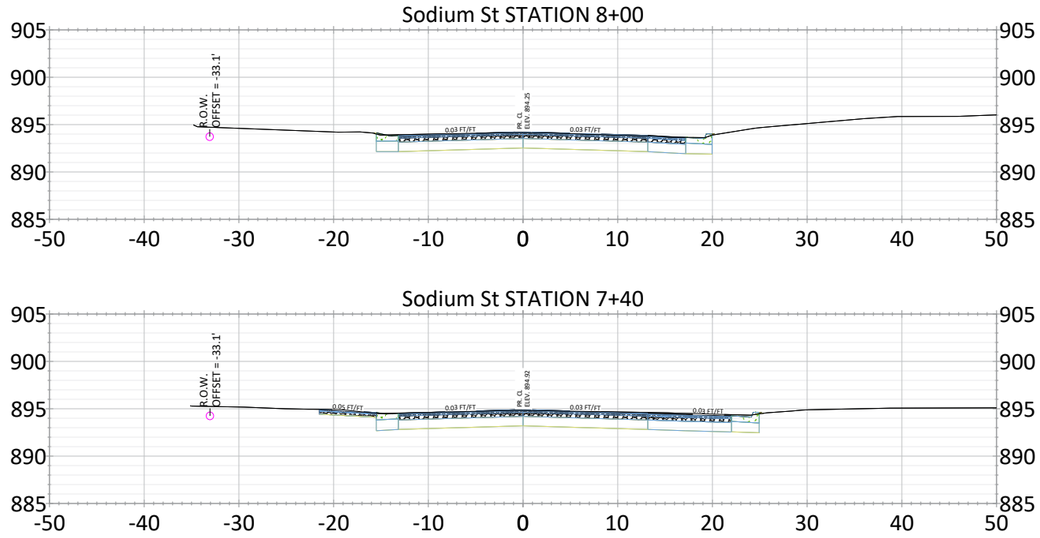












DATE	REVISION

Nov 15, 2024 - 10:22am
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JOE FERIANCEK
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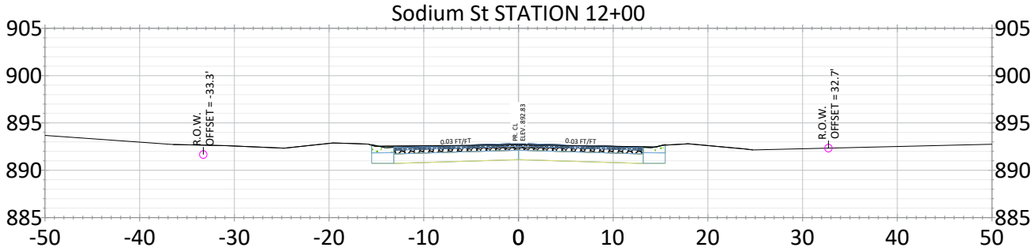
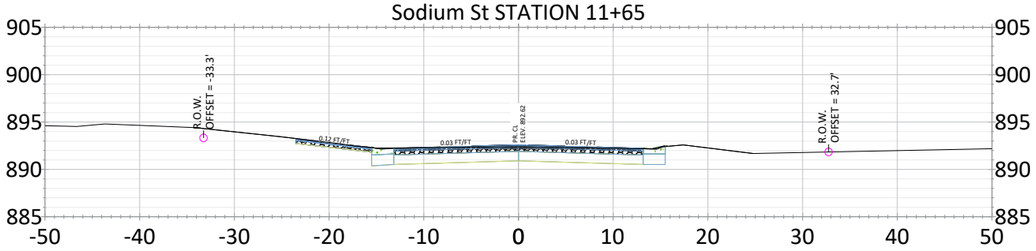
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

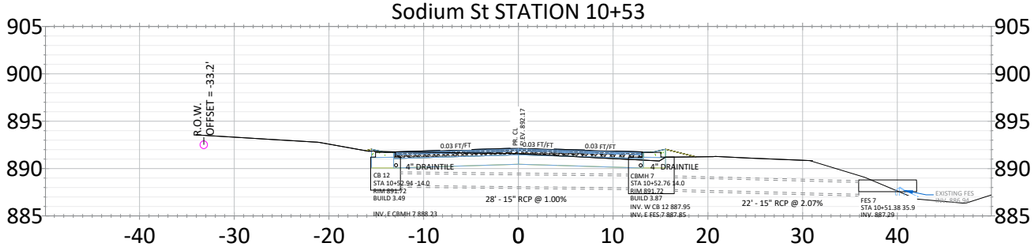
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

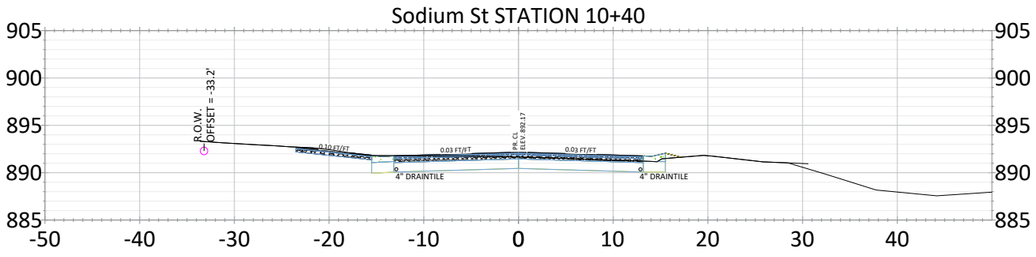
CROSS SECTIONS - SODIUM ST 5+00 - 9+50

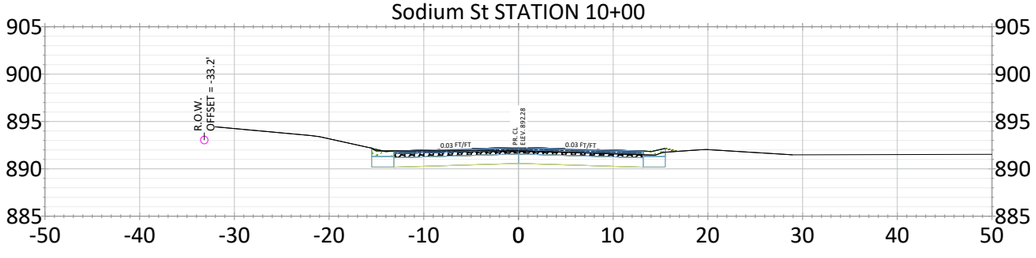
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA











DATE	REVISION

Nov 21, 2024 - 10:24am
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Date 11/18/24 Lic. No. 57095

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CHECKED BY:	JJF	FILE:	24-13

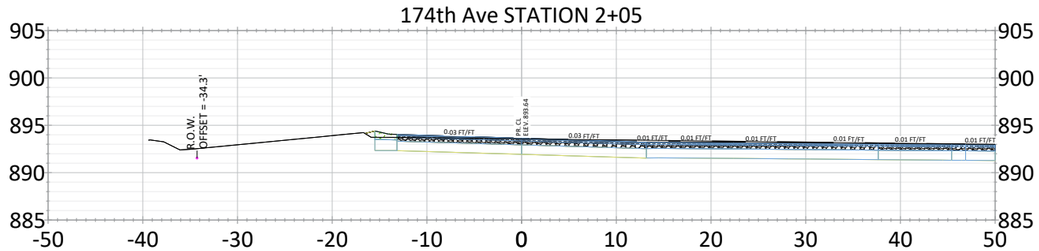
City of RAMSEY

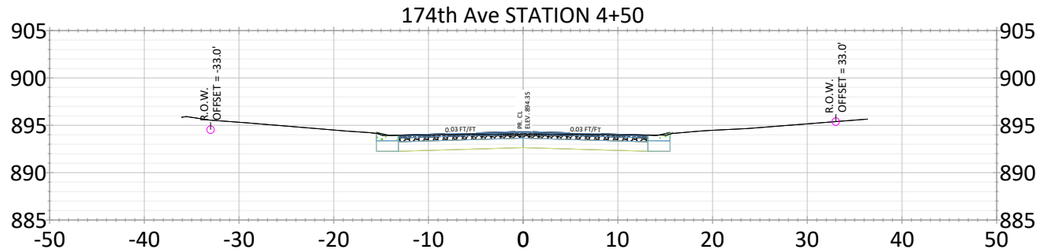
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

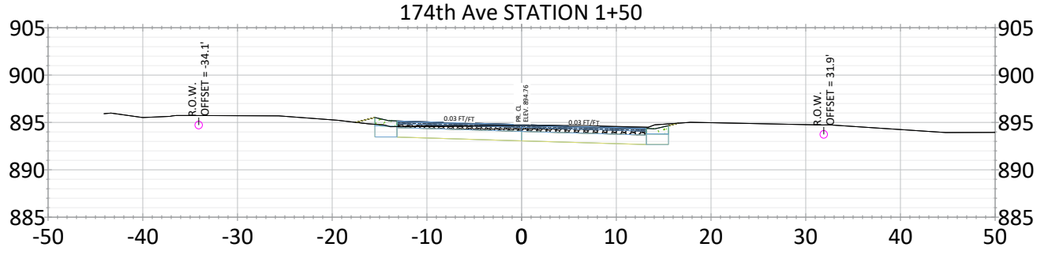
CROSS SECTIONS - SODIUM ST 10+00 - 12+00

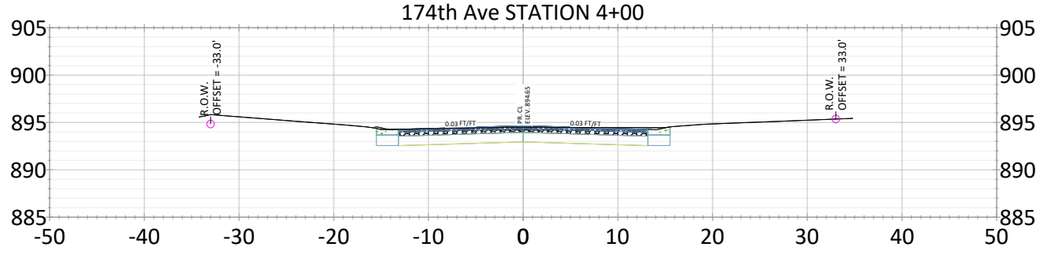
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

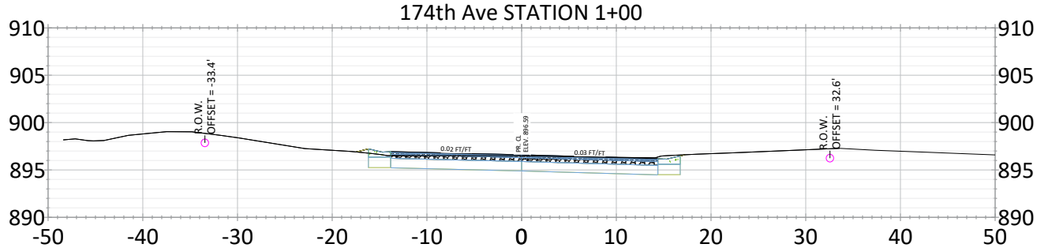
SHEET 62 OF 77 SHEETS

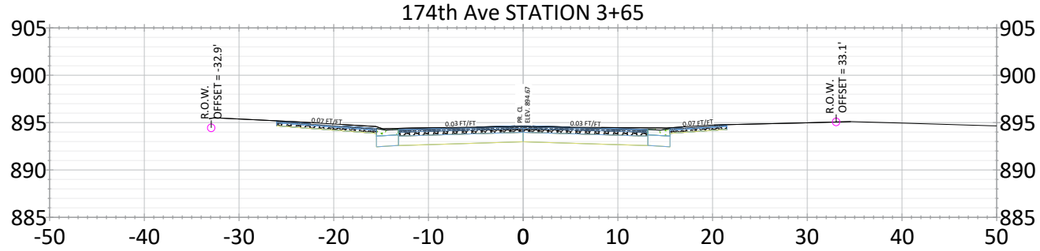


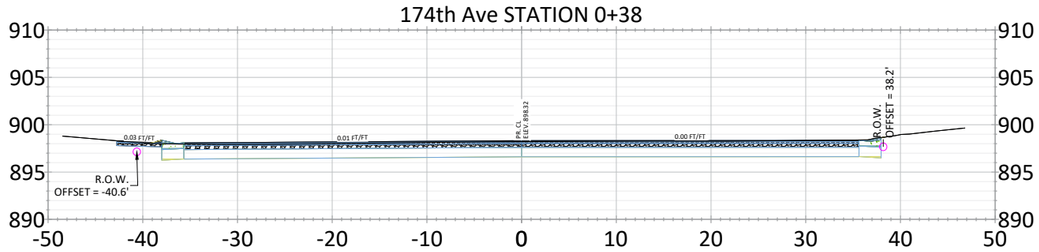


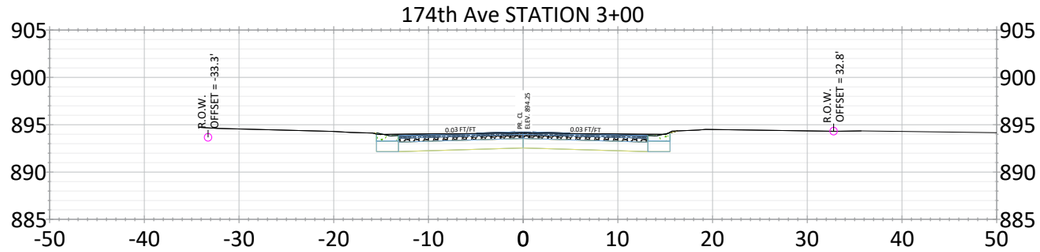


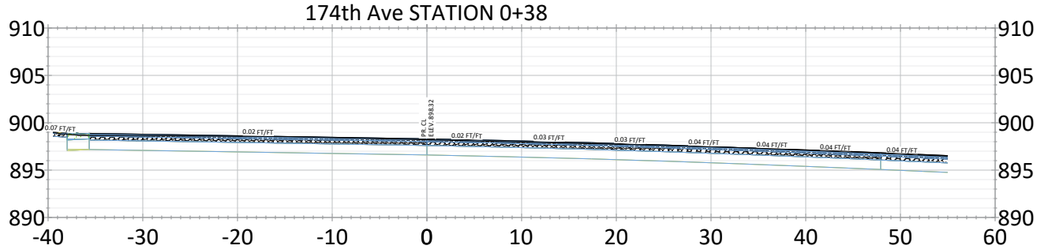


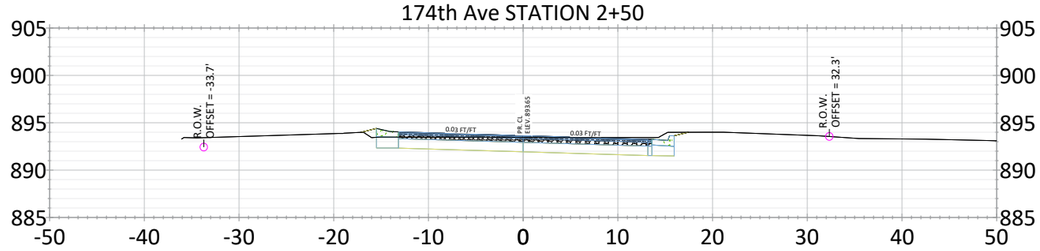












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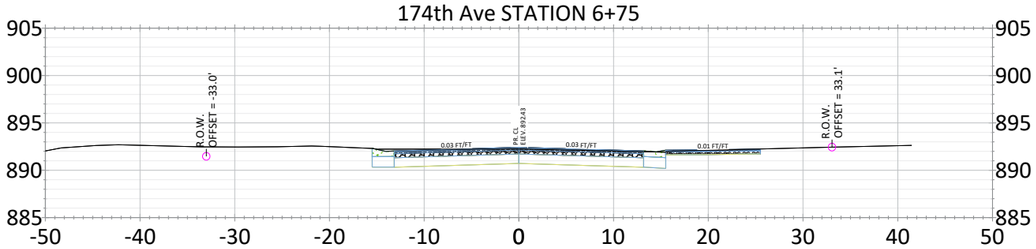
City of RAMSEY

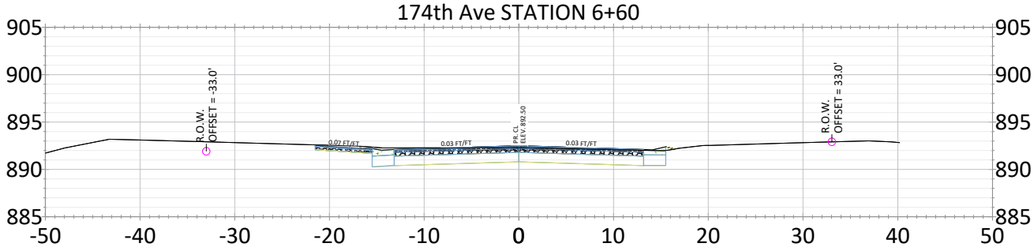
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

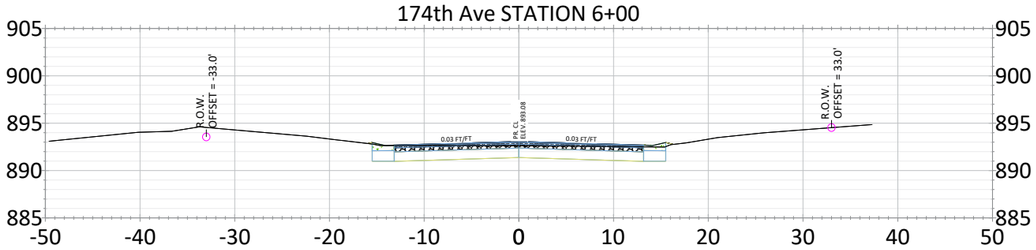
CROSS SECTIONS - 174TH AVE - 0+38 - 4+50

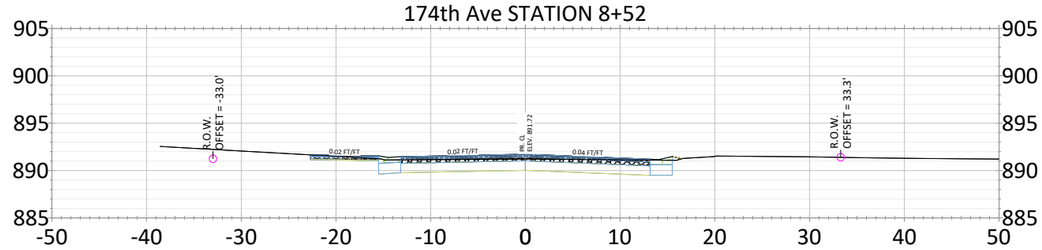
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

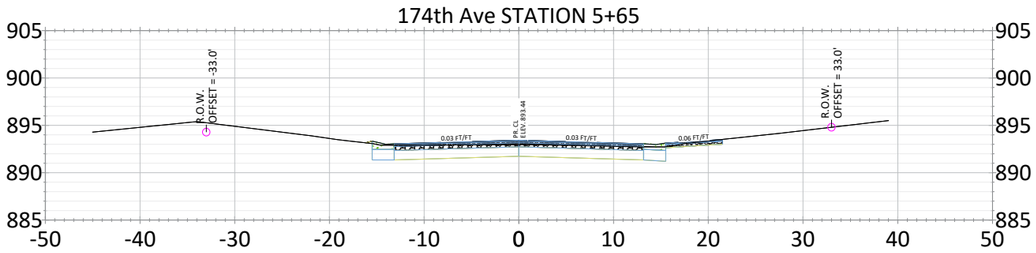
SHEET 63 OF 77 SHEETS

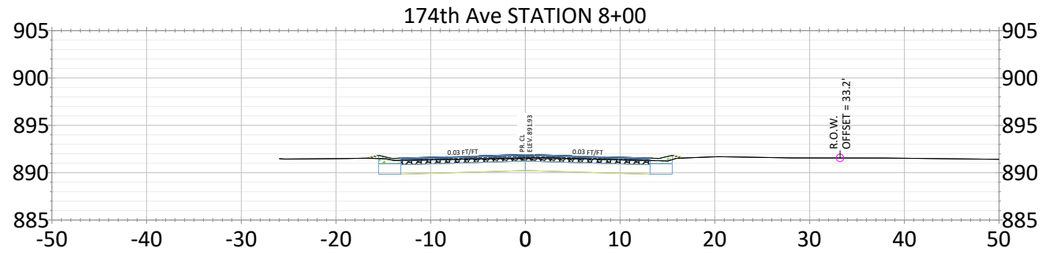


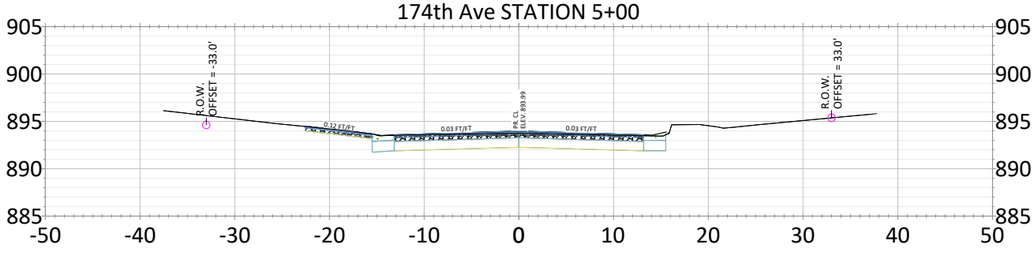


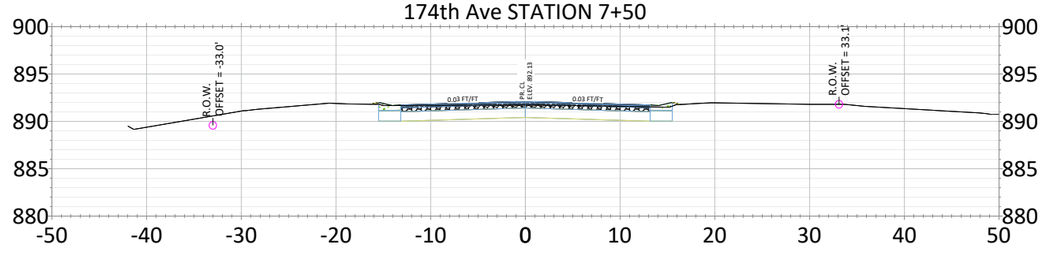












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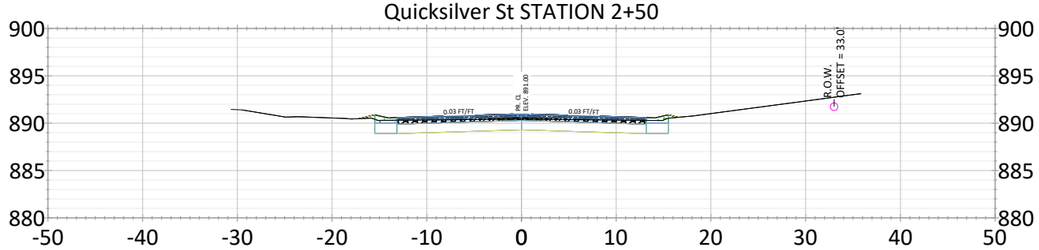
CROSS SECTIONS - 174TH AVE 5+00 - 8+52

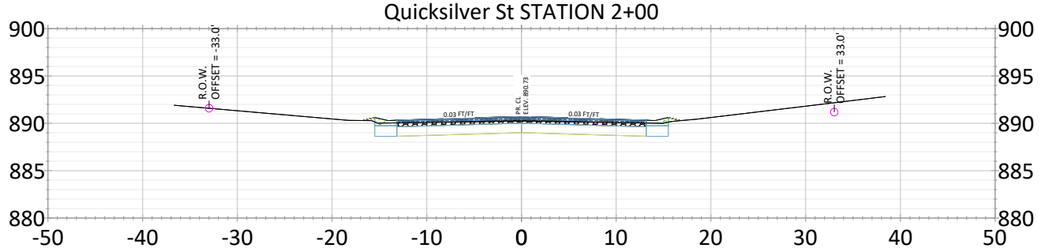
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 64 OF 77 SHEETS

Quicksilver St STATION 2+50



Quicksilver St STATION 2+00



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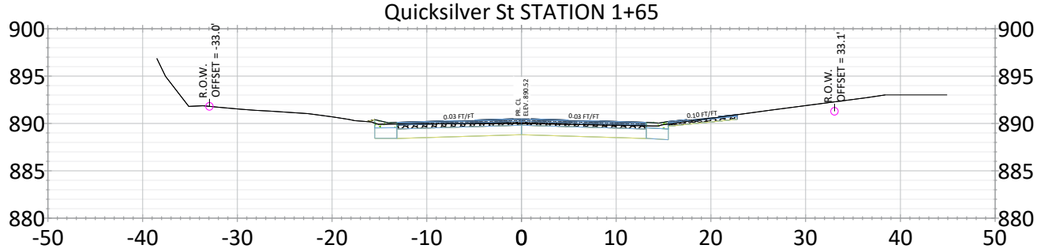

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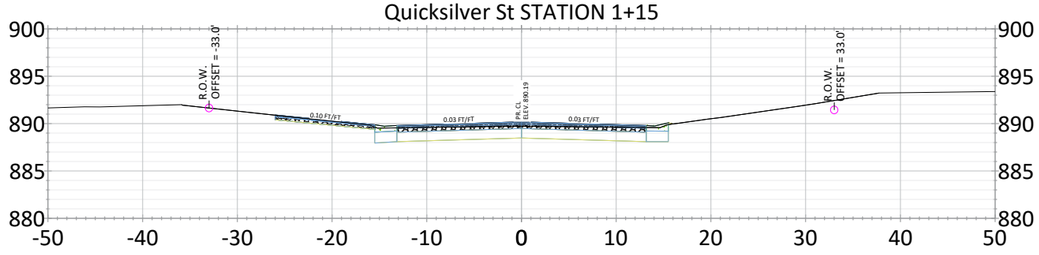

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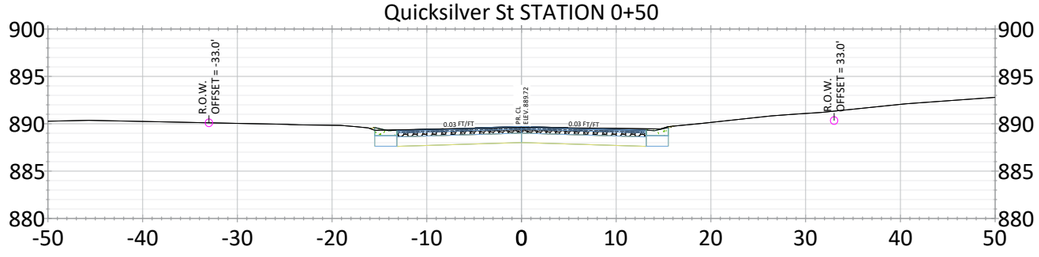

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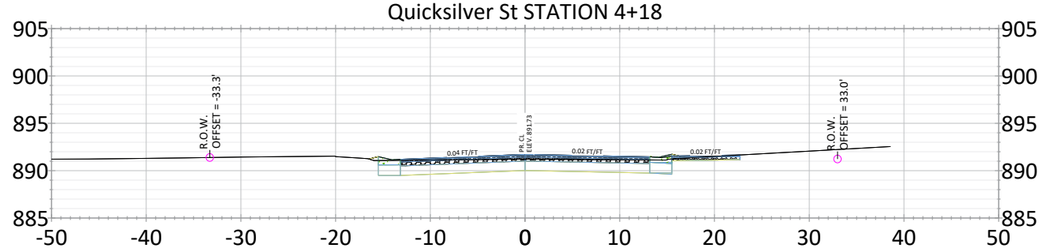

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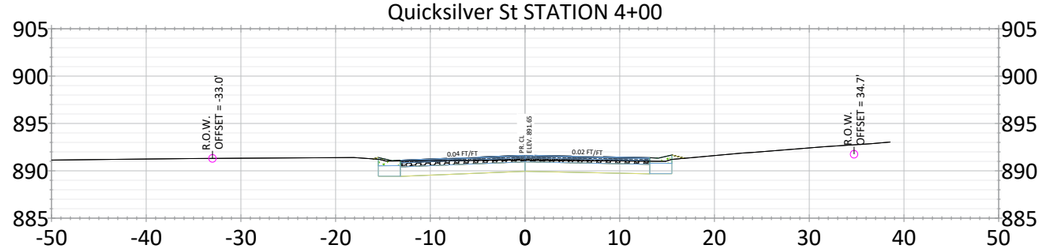

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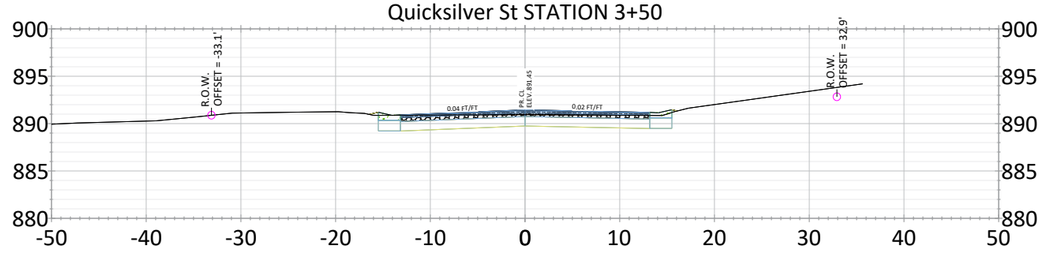

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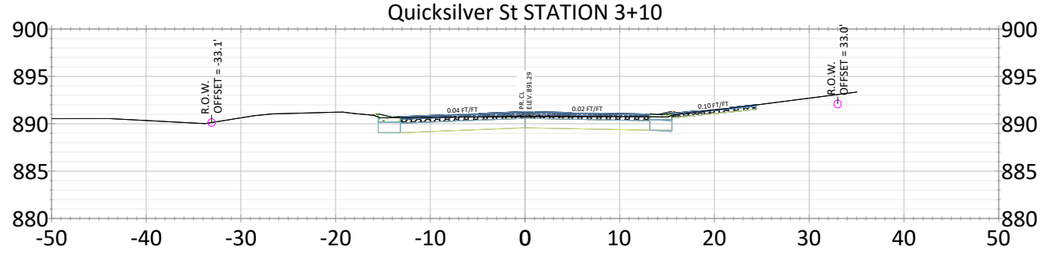


DATE	REVISION

Nov 15, 2024 - 10:23am
C:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.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

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

City of RAMSEY

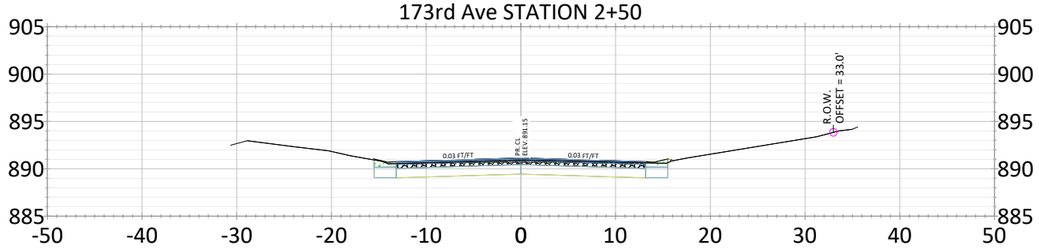
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

CROSS SECTIONS - QUICKSILVER ST 0+50 - 4+18

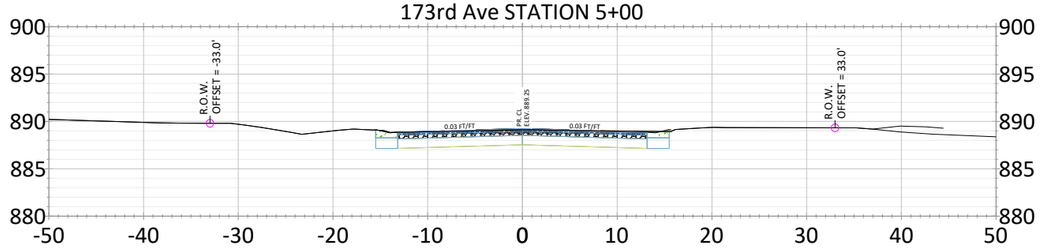
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 65 OF 77 SHEETS

173rd Ave STATION 2+50



173rd Ave STATION 5+00



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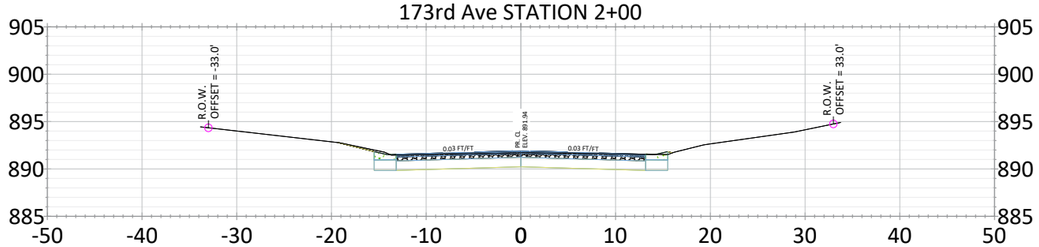
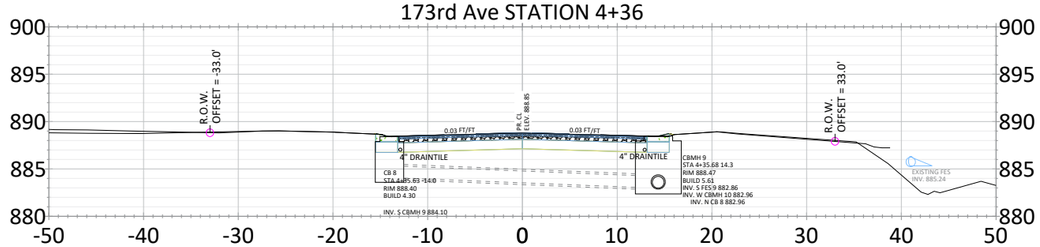


173rd Ave STATION 4+36



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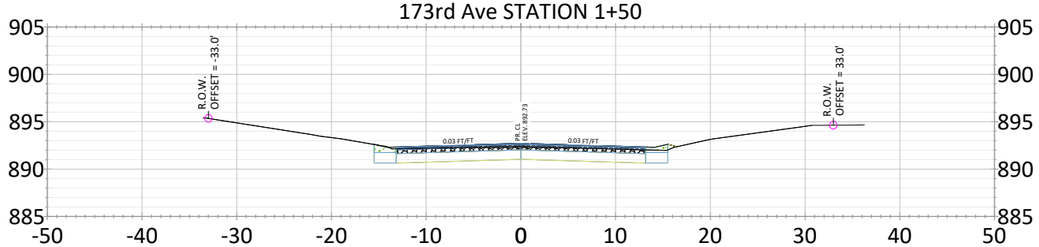

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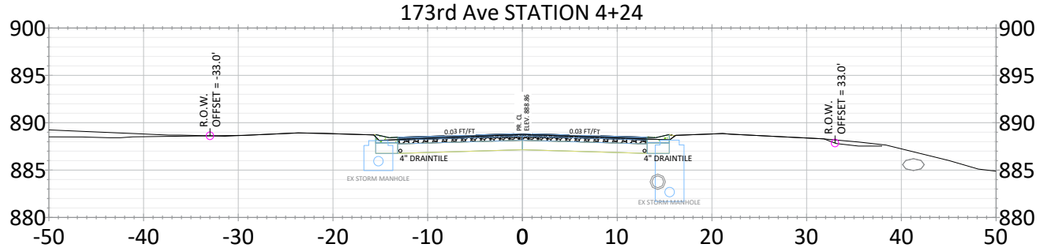

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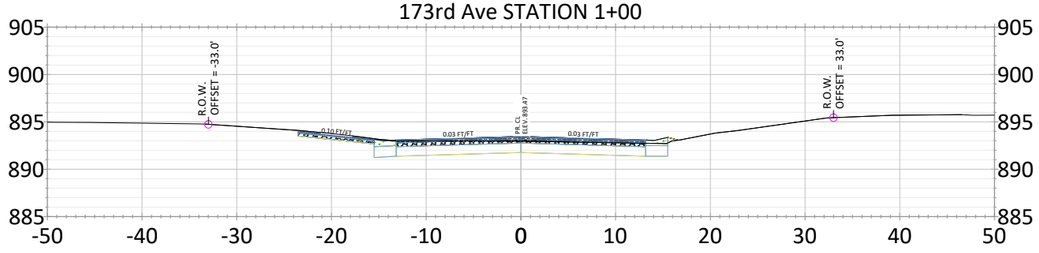

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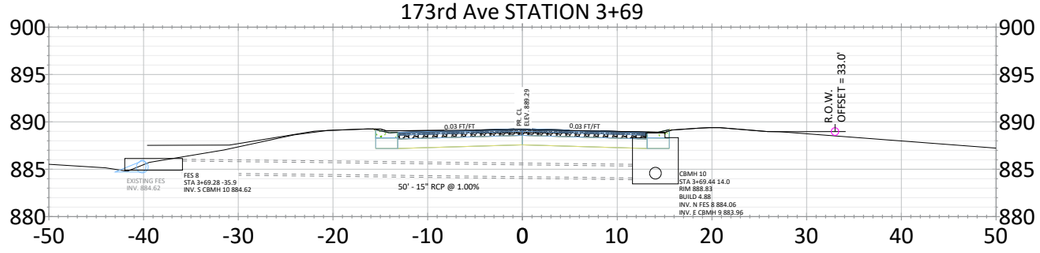

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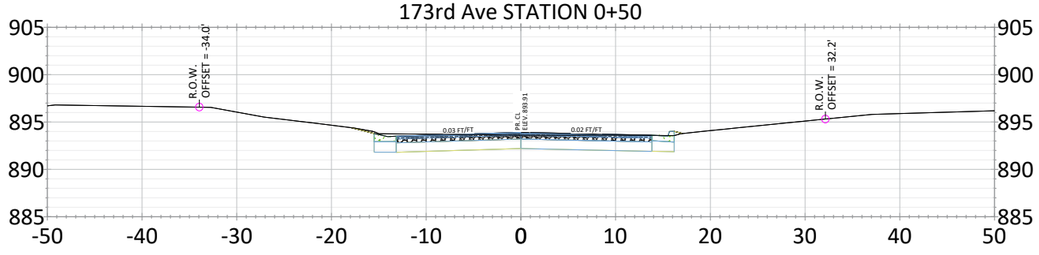

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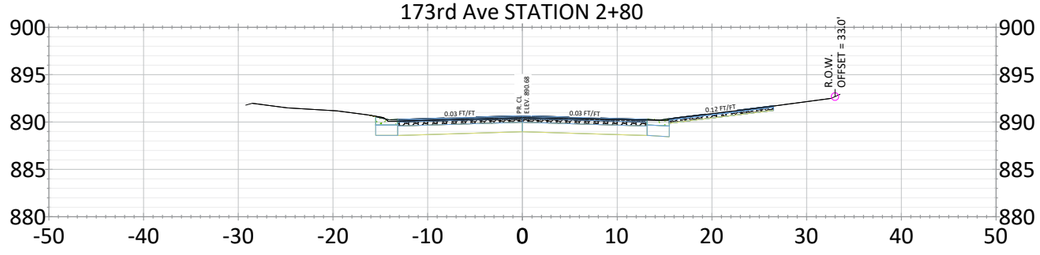

DATE	REVISION

Nov 10, 2024 - 10:26am
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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

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DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

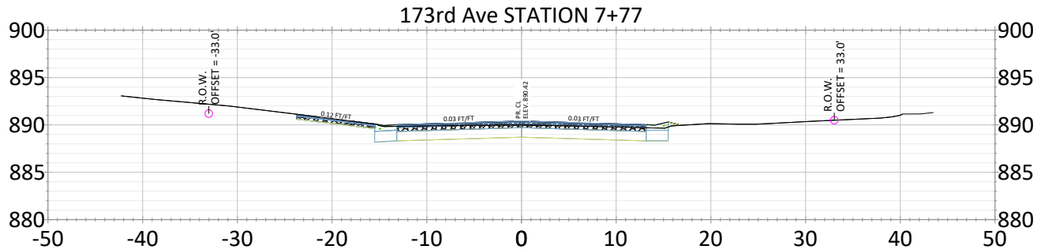
City of RAMSEY

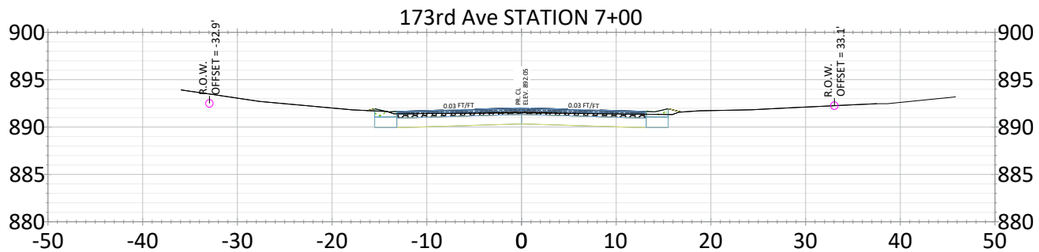
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

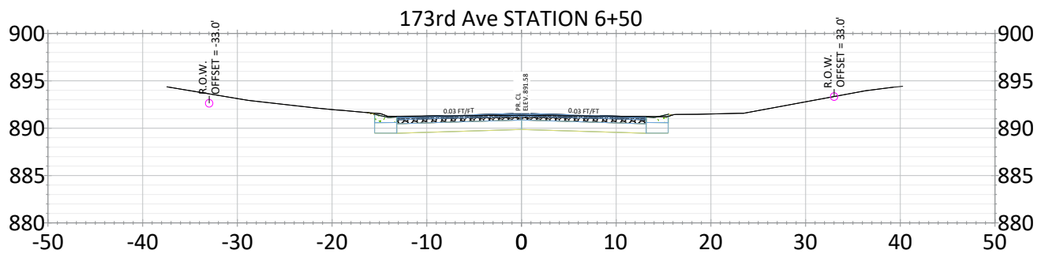
CROSS SECTIONS - 173RD AVE 0+50 - 5+00

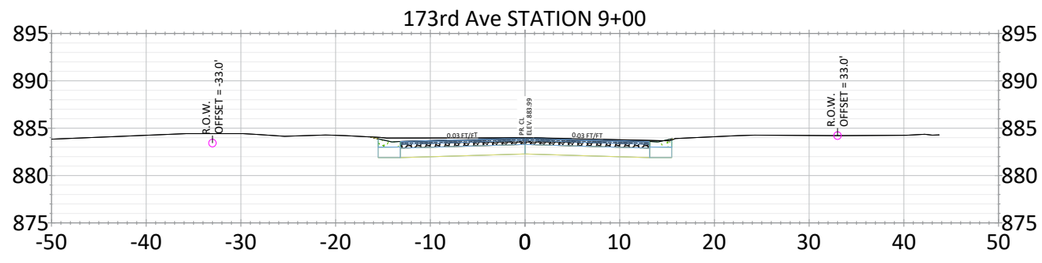
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

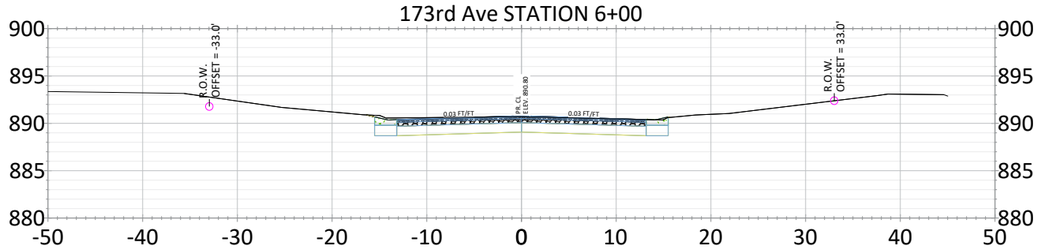
SHEET 66 OF 77 SHEETS

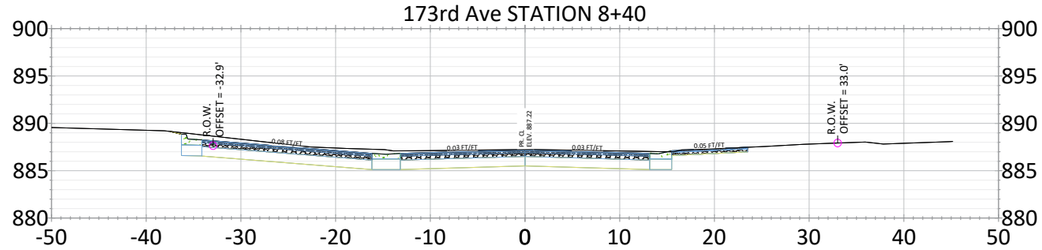


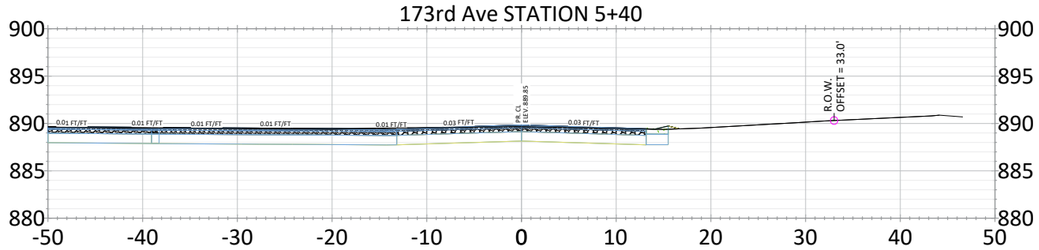


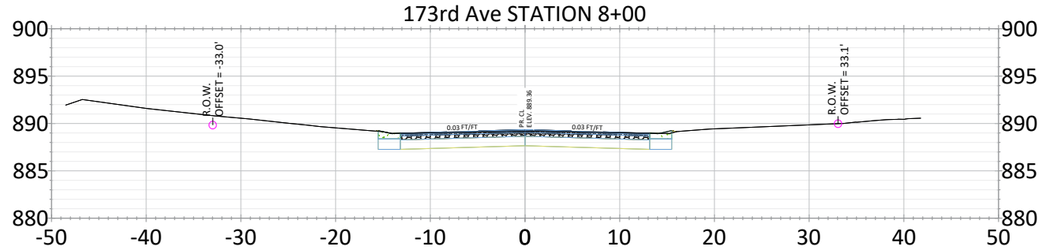












DATE	REVISION

Nov 15, 2024 - 10:26am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.dwg

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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

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DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

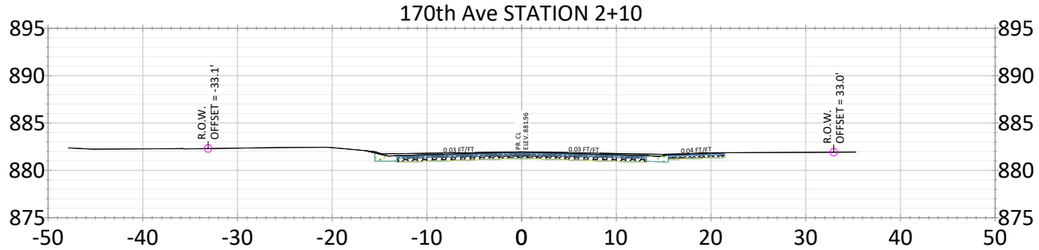
City of RAMSEY

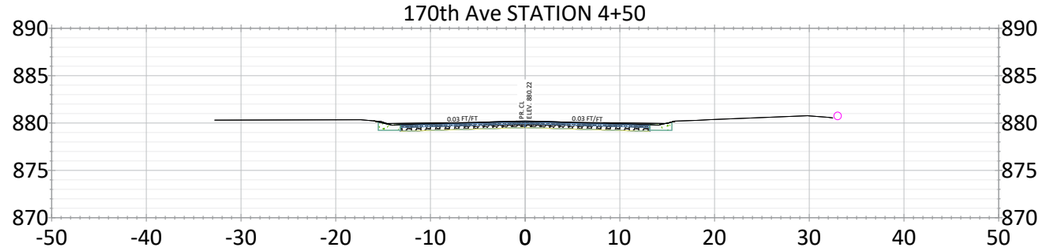
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

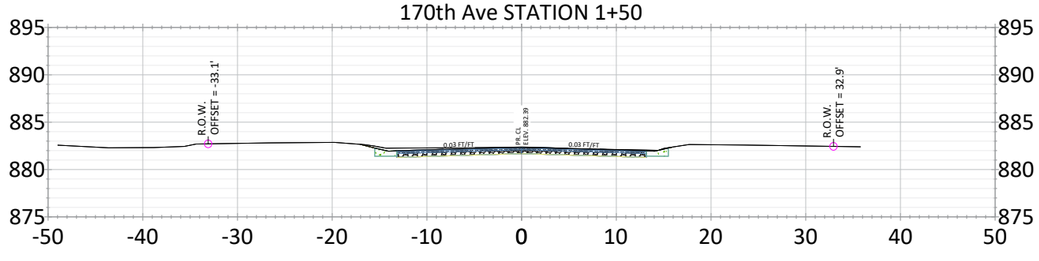
CROSS SECTIONS - 173RD AVE 5+40 - 9+00

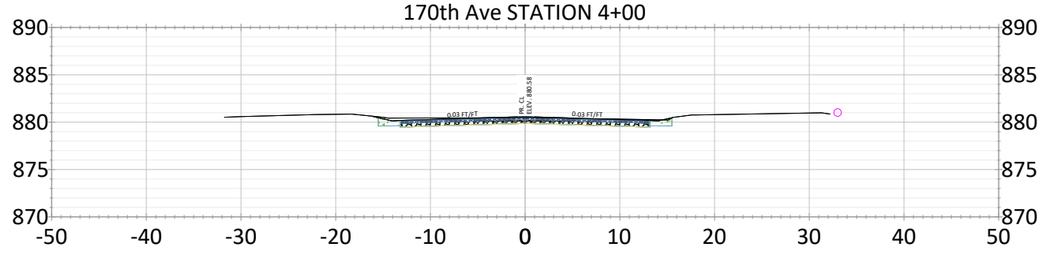
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

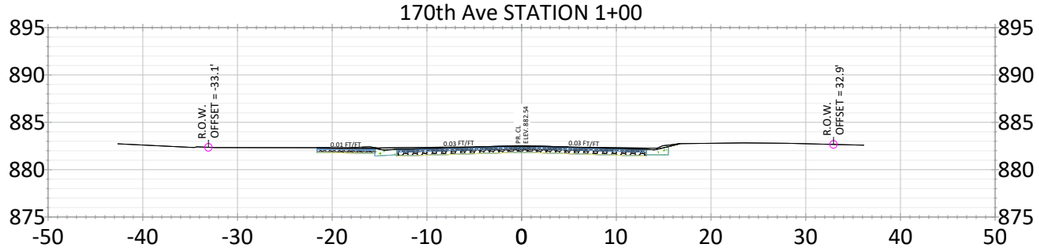
SHEET 67 OF 77 SHEETS

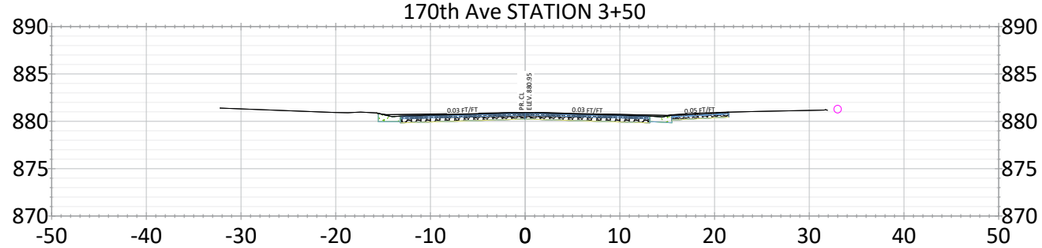


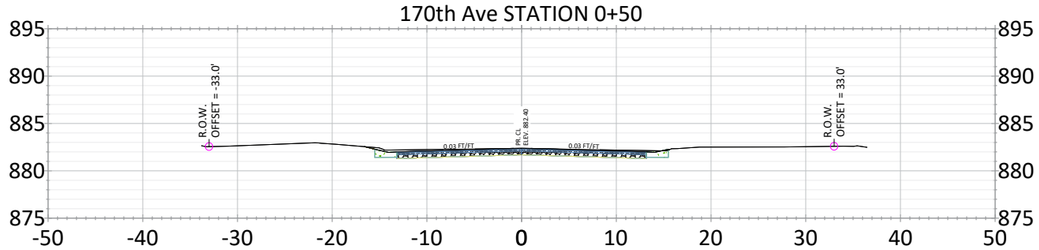


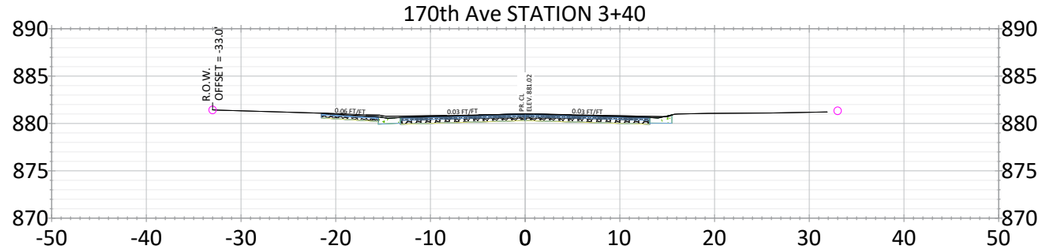


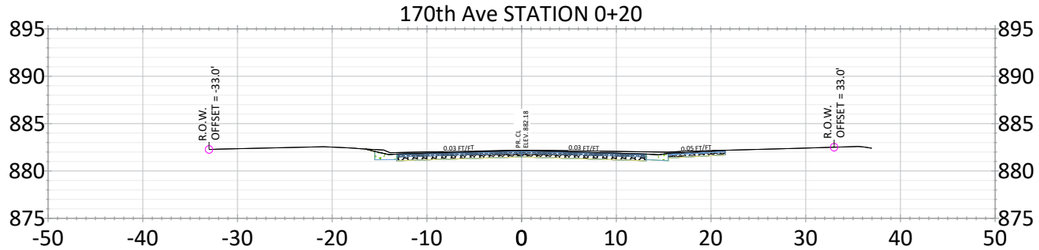


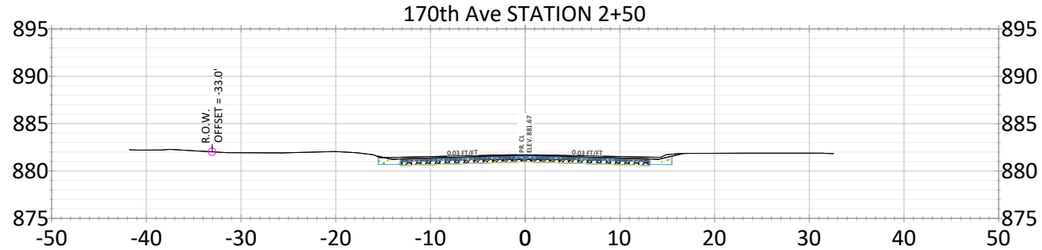












DATE	REVISION

Nov 21, 2024 - 10:27am
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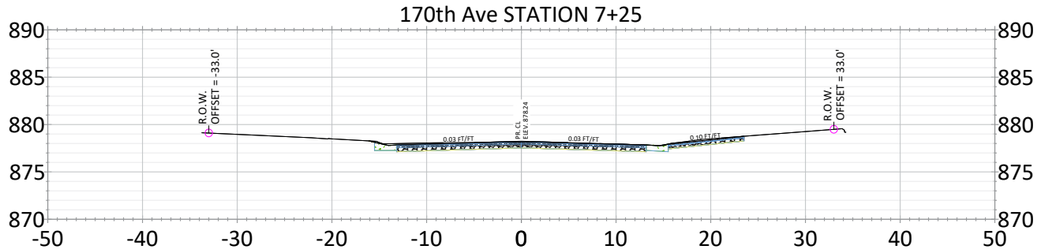
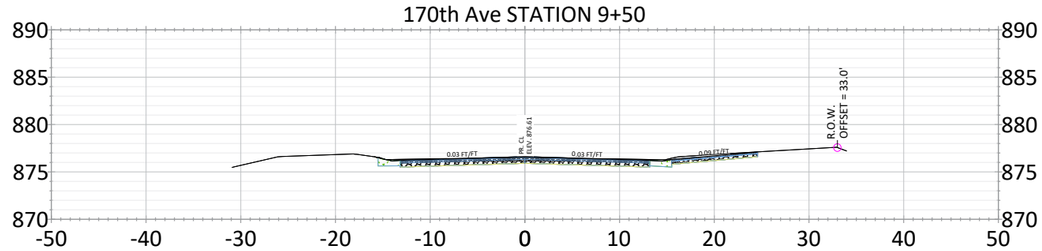
City of RAMSEY

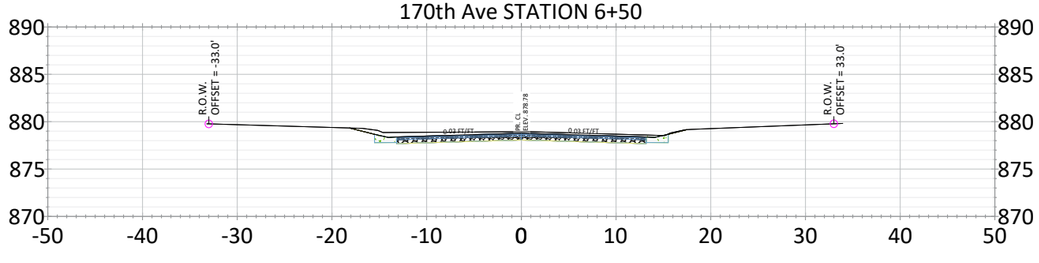
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

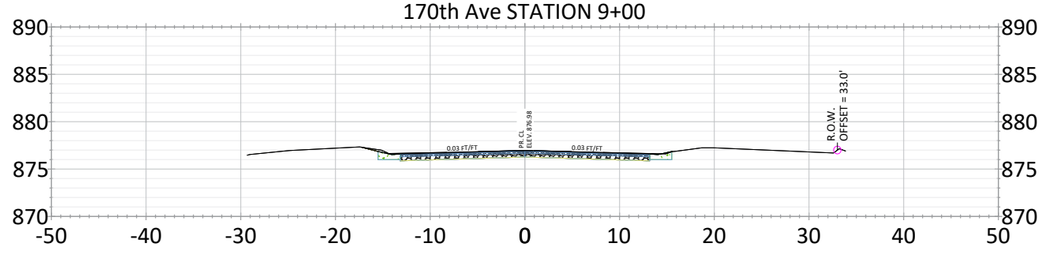
CROSS SECTIONS - 170TH AVE 0+20 - 4+50

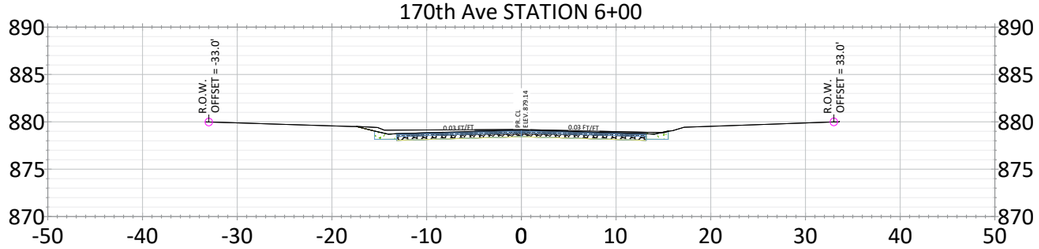
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

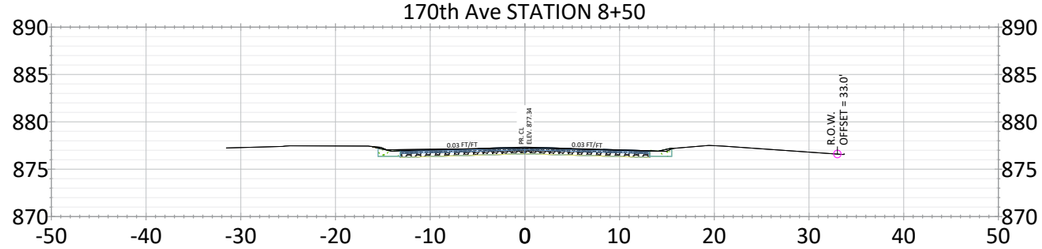


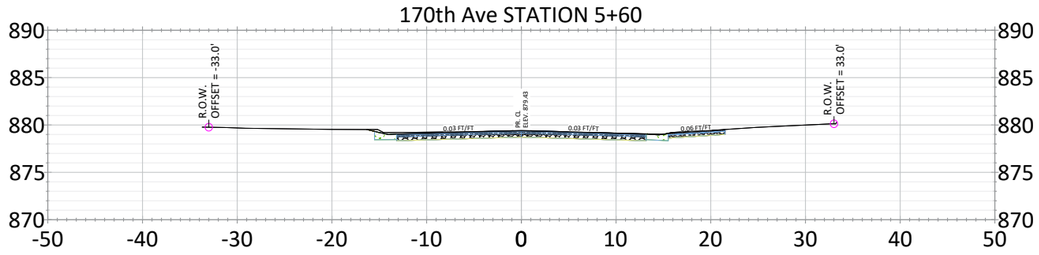


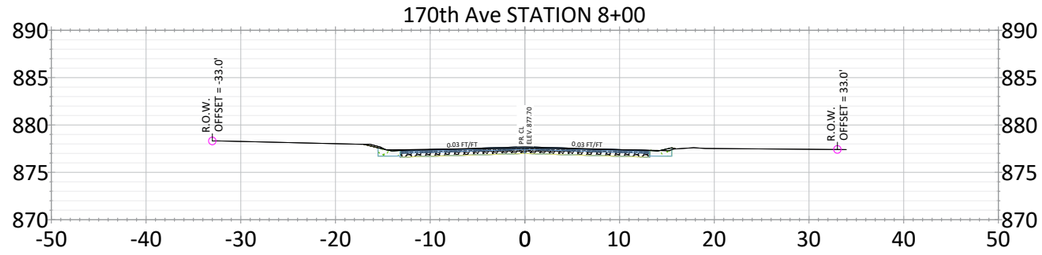


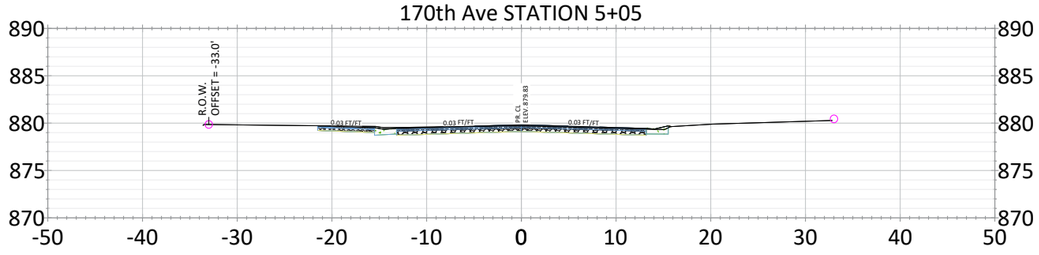


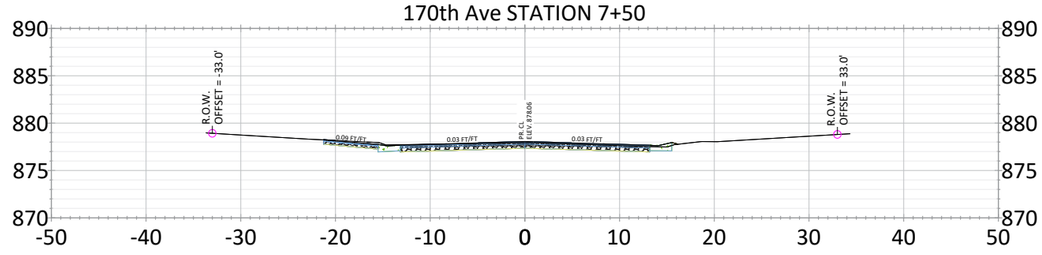












DATE	REVISION

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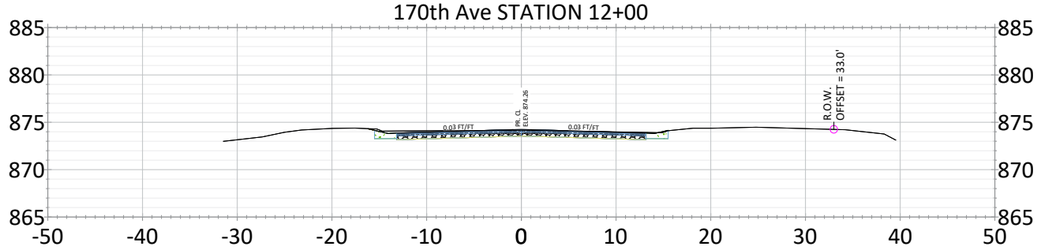
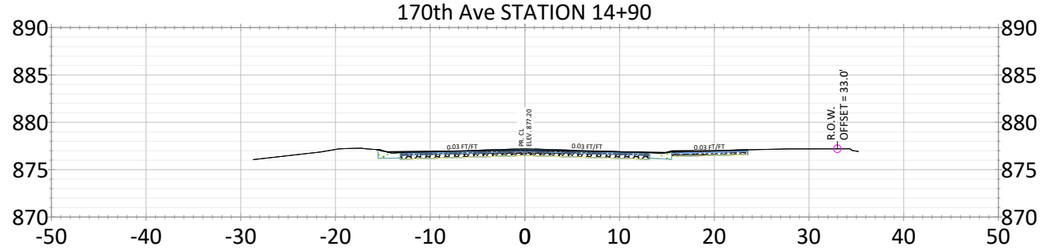
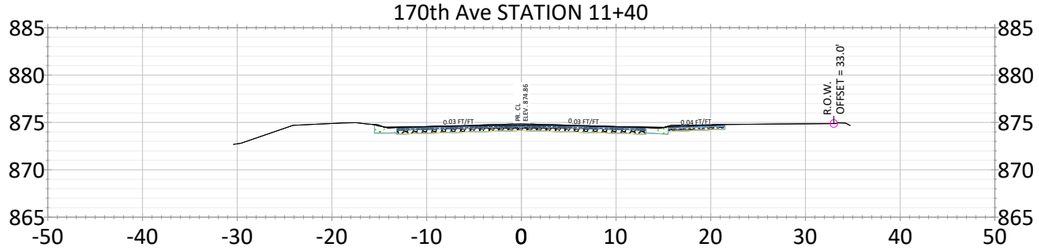
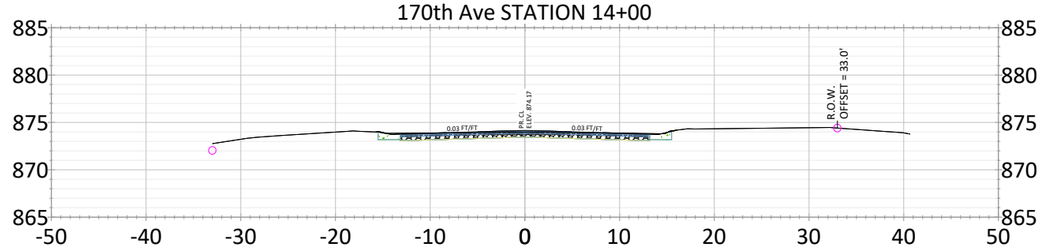
CITY OF RAMSEY, MINNESOTA

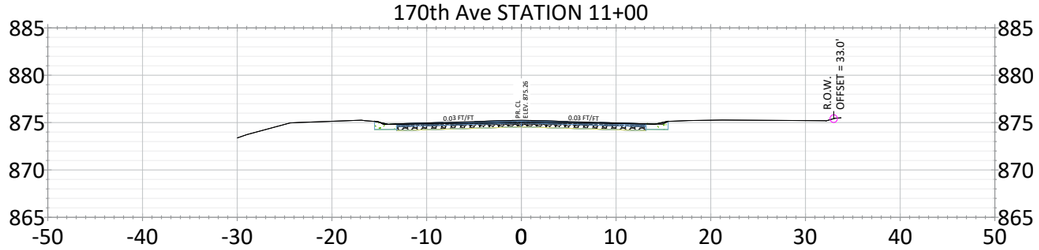
SHEET 69 OF 77 SHEETS

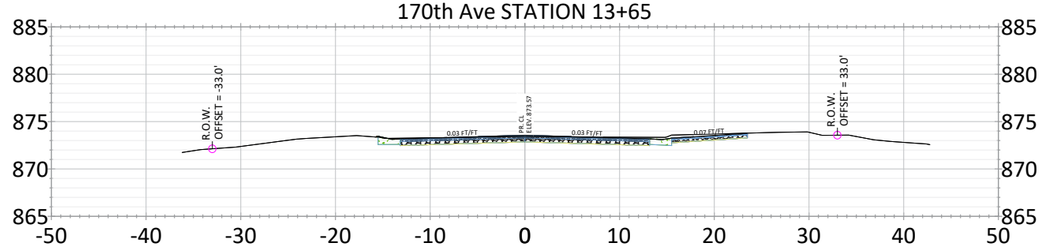


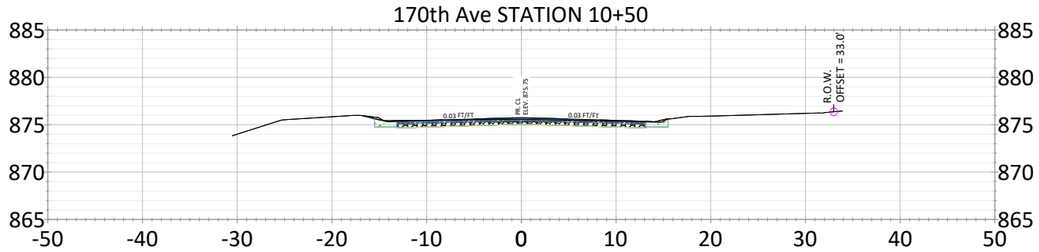


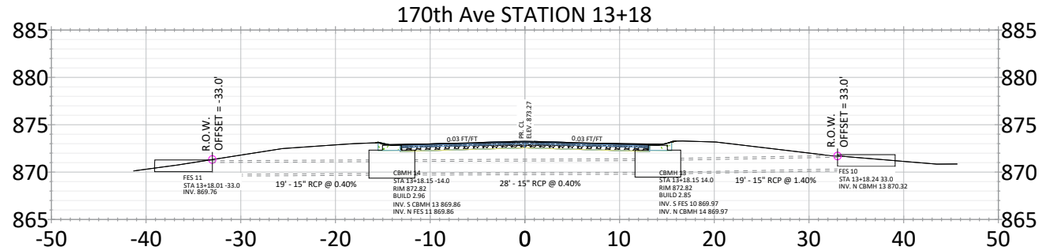


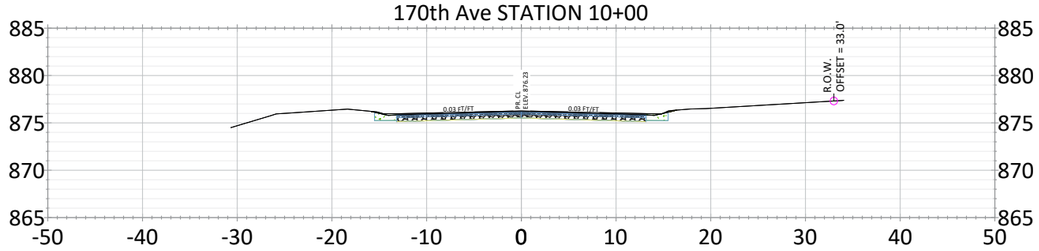


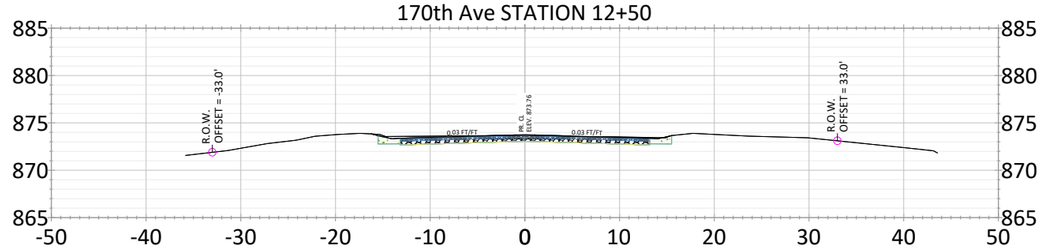












DATE	REVISION

Nov 15, 2024 - 10:28am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.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

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

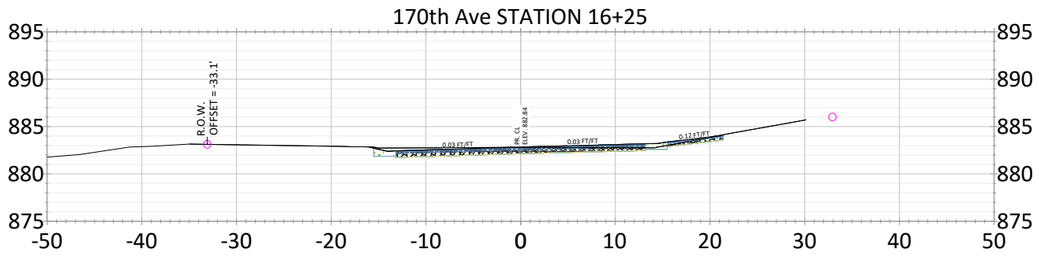
City of RAMSEY

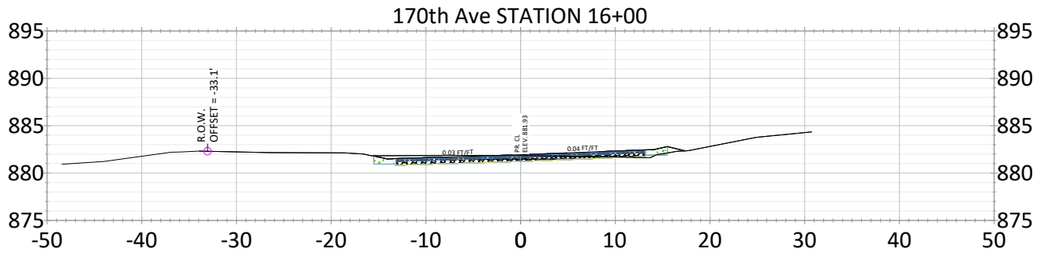
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

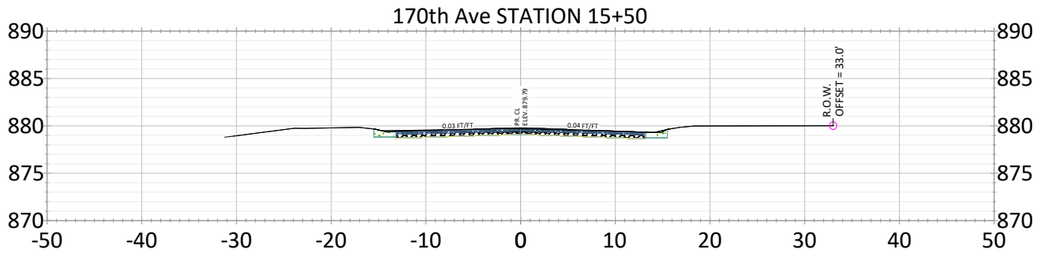
CROSS SECTIONS - 170TH AVE 10+00 - 14+90

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 70 OF 77 SHEETS







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City of RAMSEY

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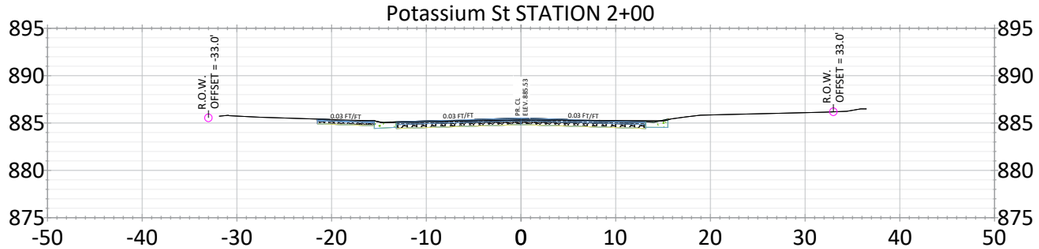
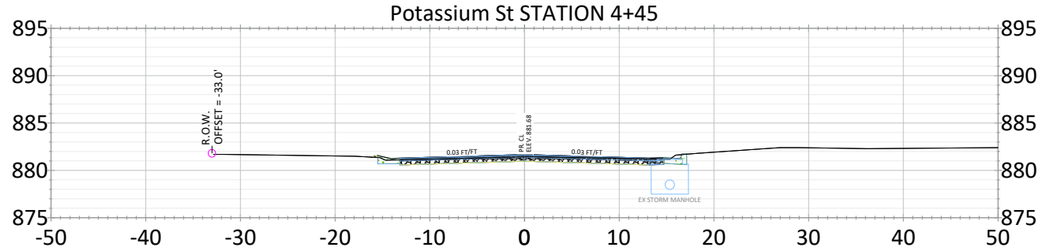
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

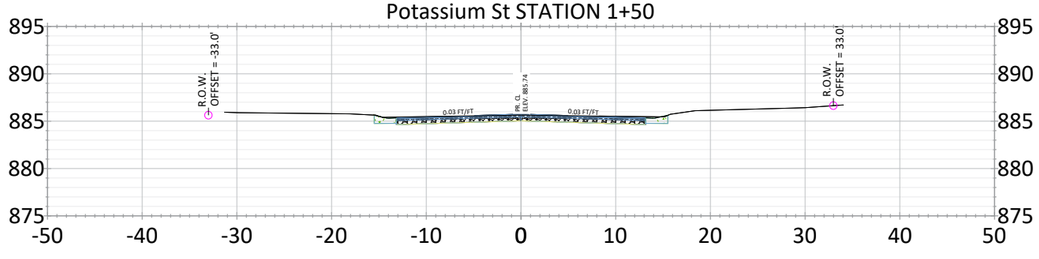
CROSS SECTIONS - 170TH AVE 15+50 - 16+25

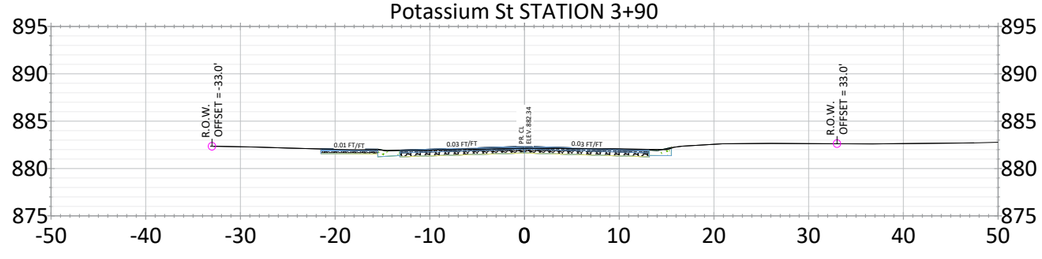
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

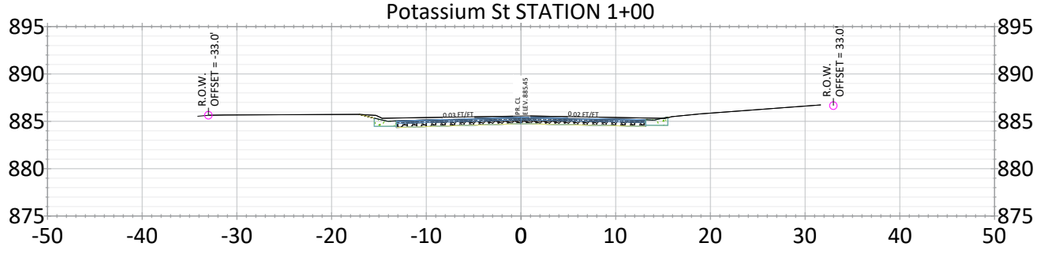
SHEET 71 OF 77 SHEETS

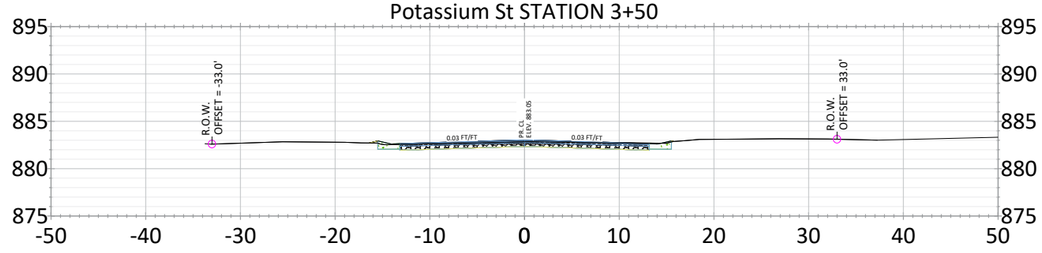


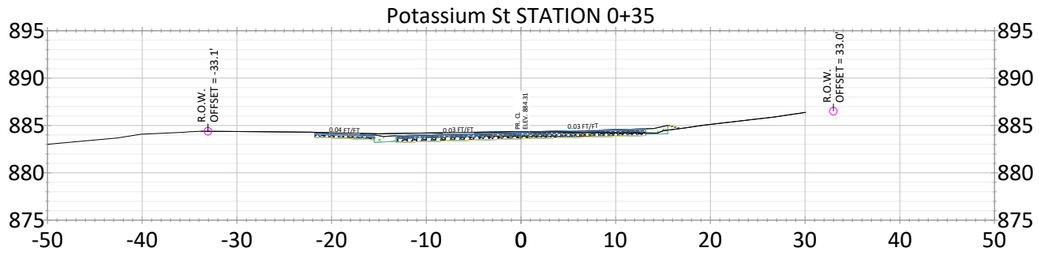


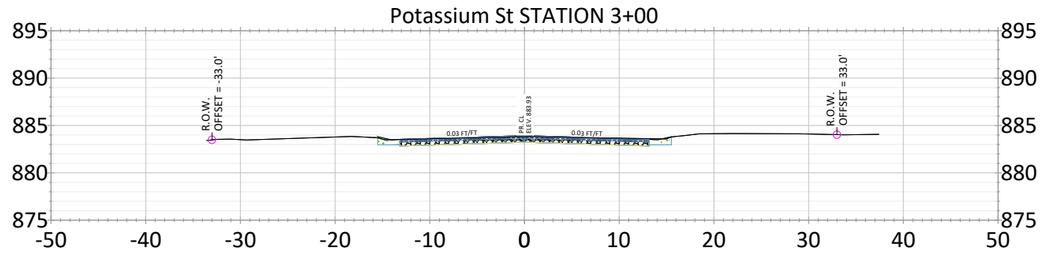


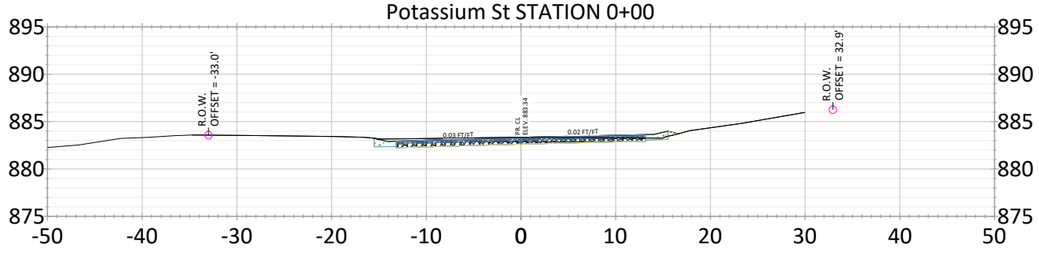


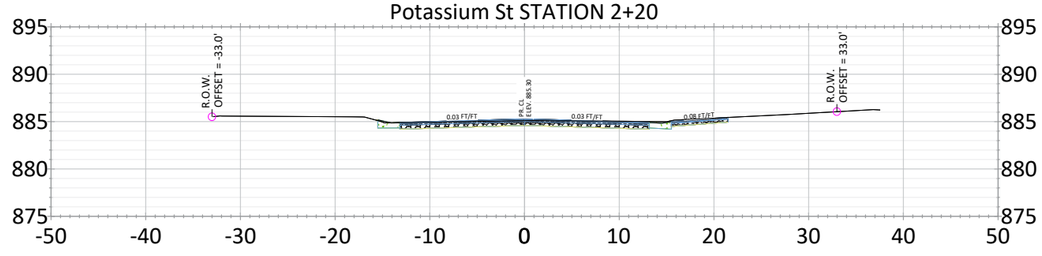












DATE	REVISION

Nov 21, 2024 - 10:20am
G:\Engineering\AutoCad Dwgs\Projects A-M\Fox Ridge Estates 1st & 2nd Recon 24-13\Plan Drawings\Cross Sections.dwg

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JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

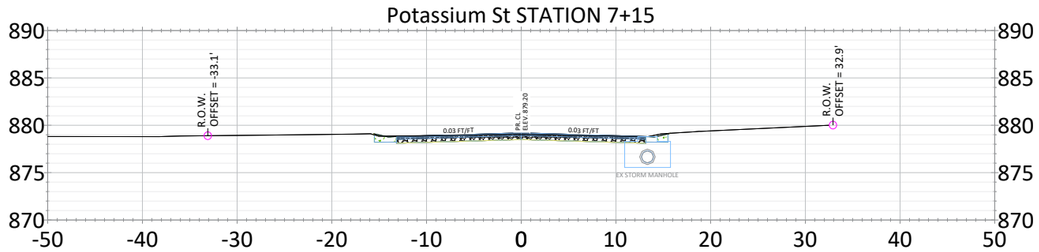
City of RAMSEY

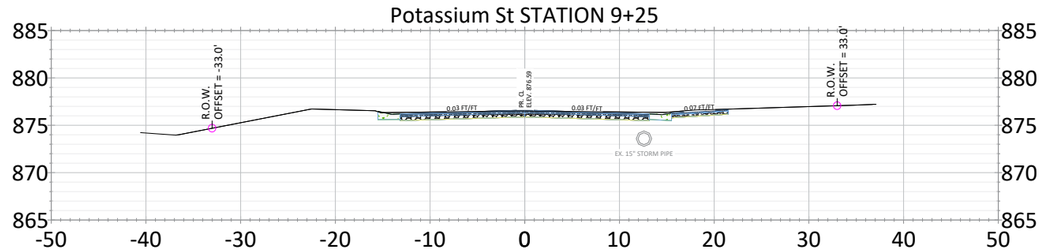
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

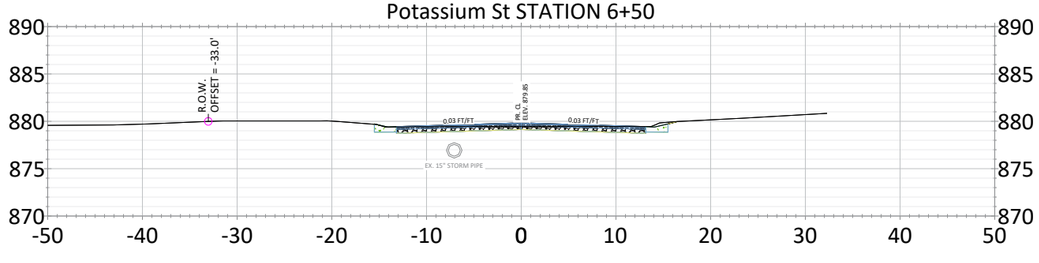
CROSS SECTIONS - POTASSIUM ST 0+00 - 4+45

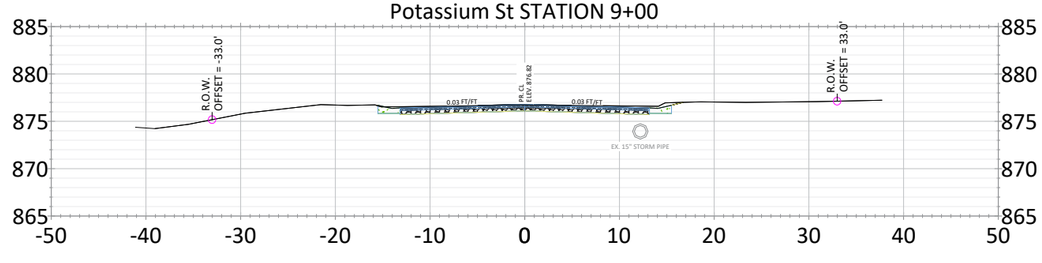
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

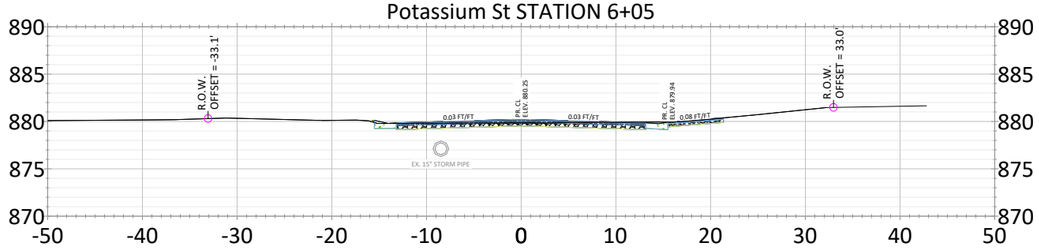
SHEET 72 OF 77 SHEETS

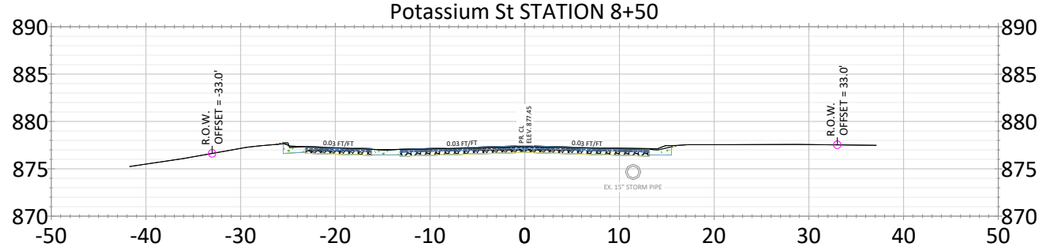


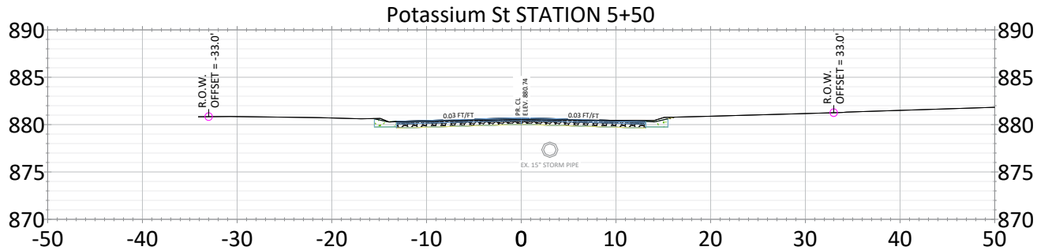


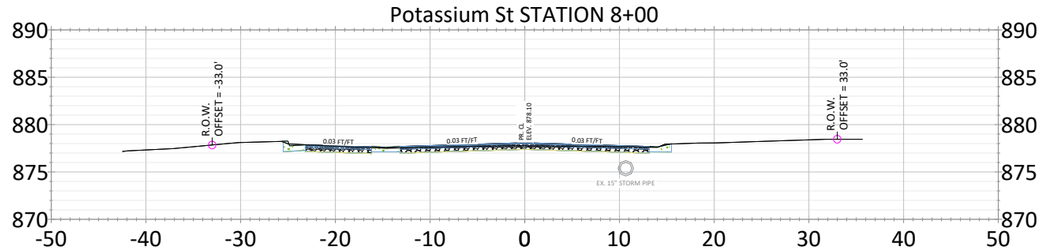


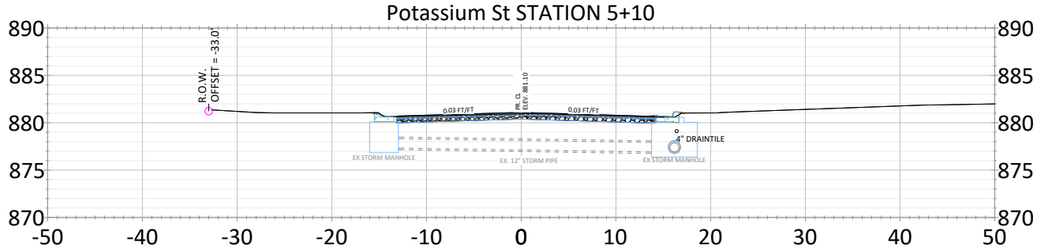


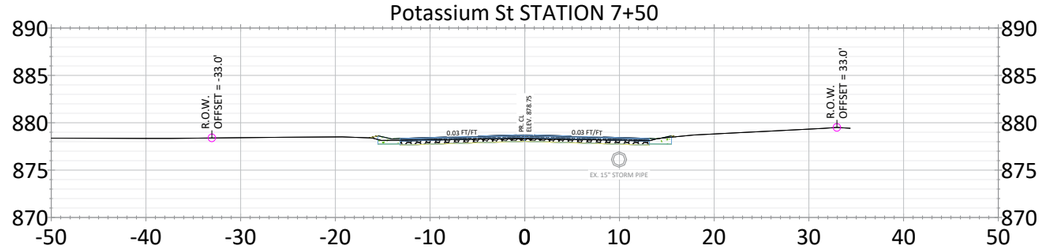












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DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

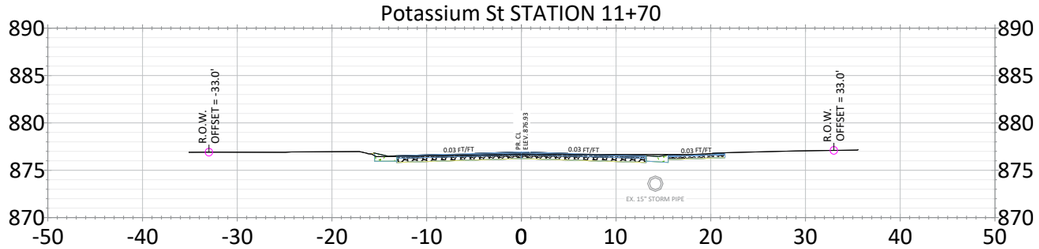
City of RAMSEY

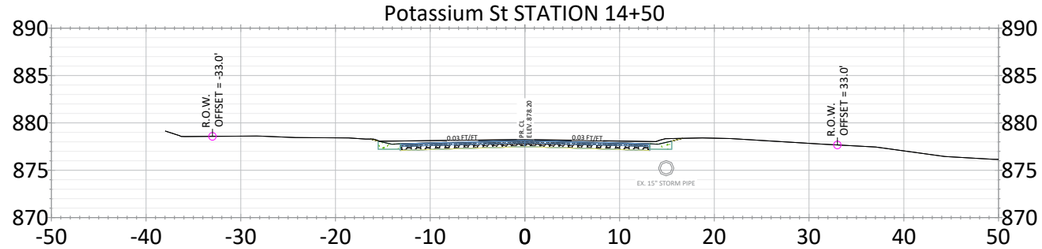
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

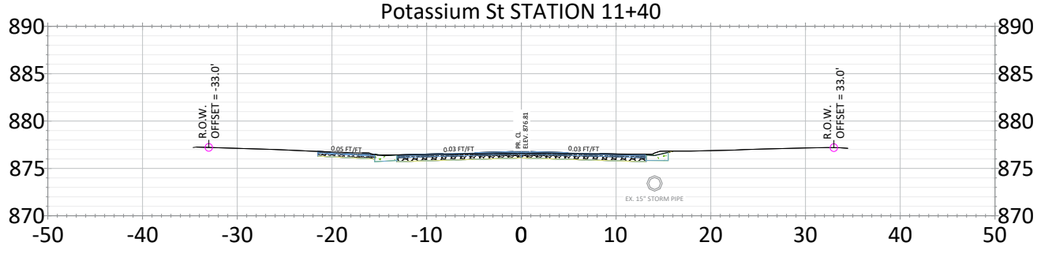
CROSS SECTIONS - POTASSIUM ST 5+10 - 9+25

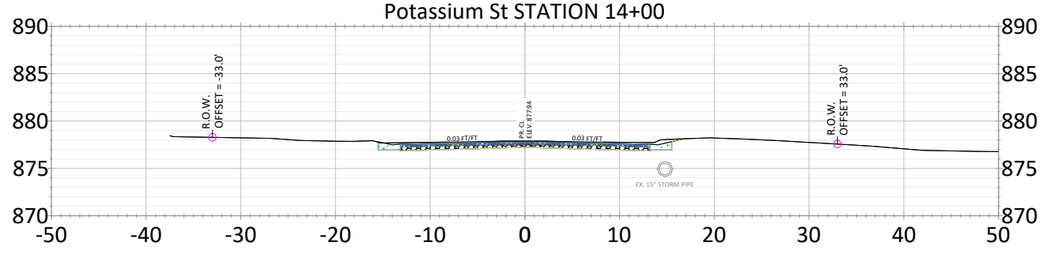
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

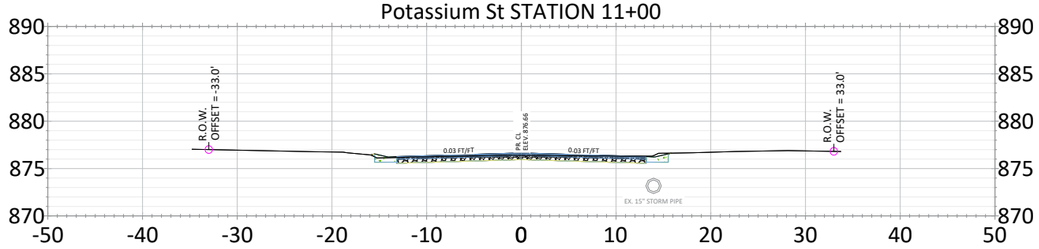
SHEET 73 OF 77 SHEETS

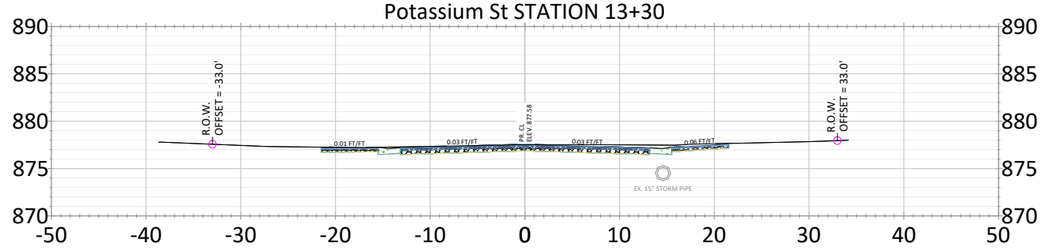


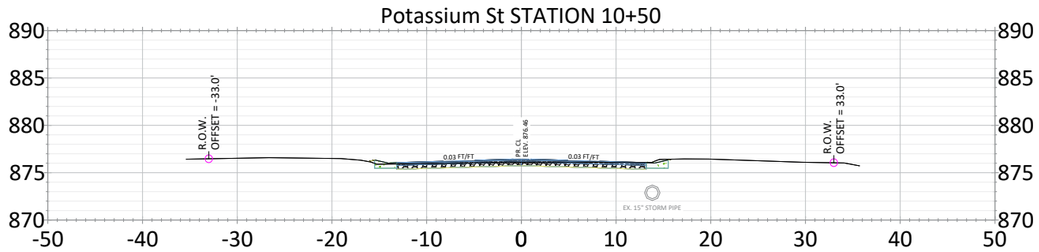


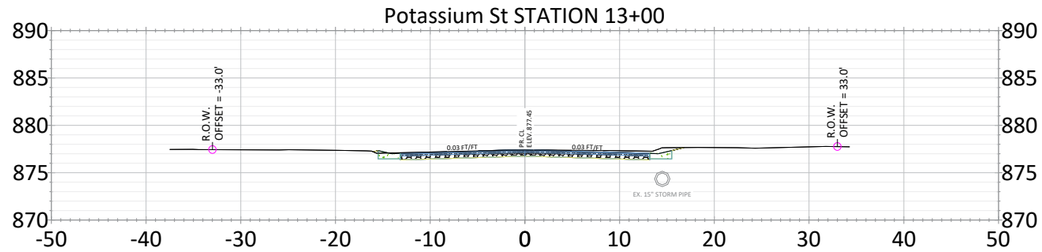


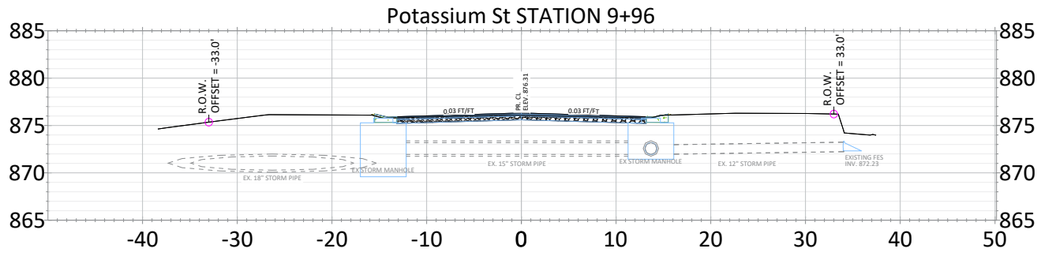


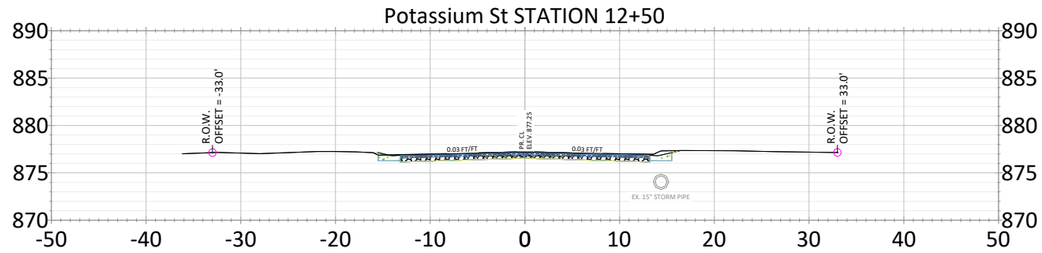












DATE	REVISION

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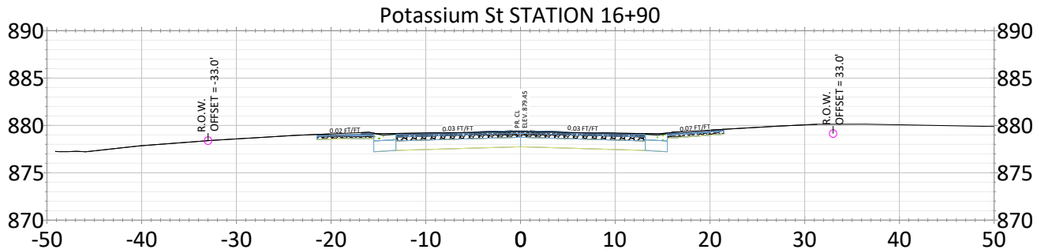
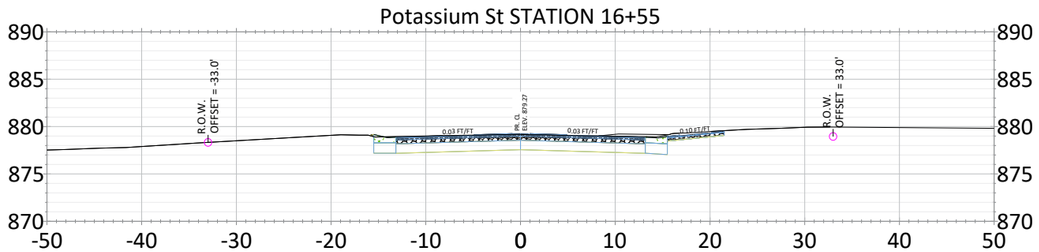
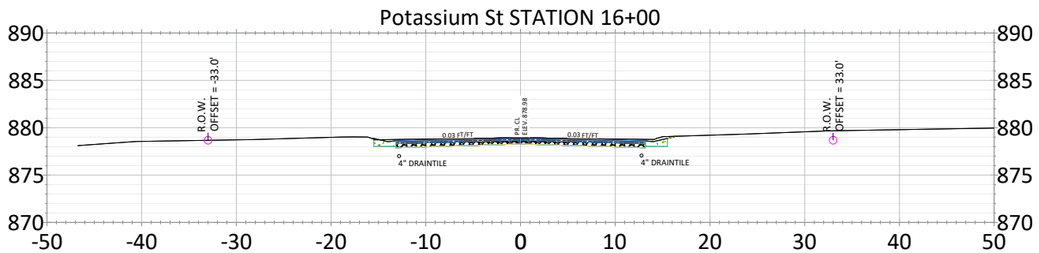
CROSS SECTIONS - POTASSIUM ST 9+96 - 14+50

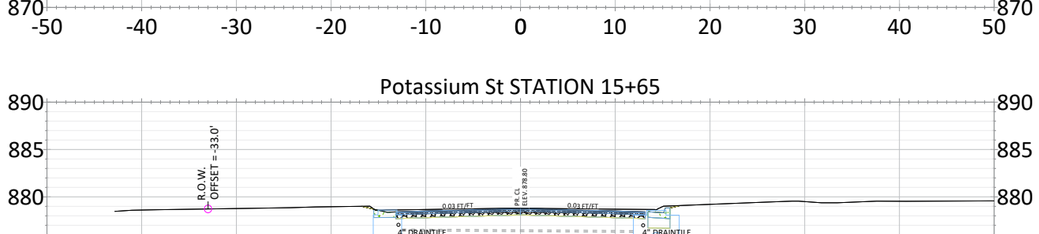
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

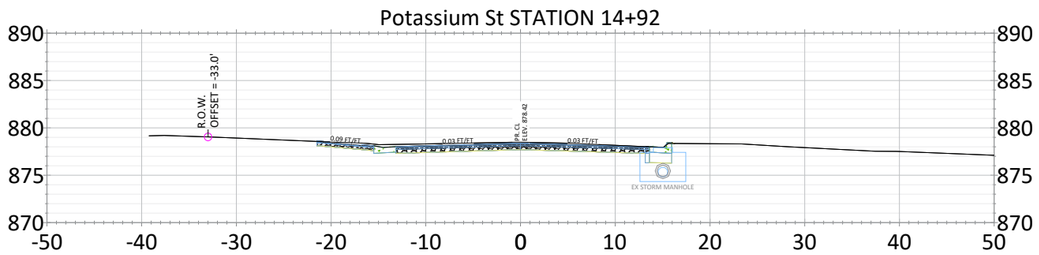
SHEET 74 OF 77 SHEETS

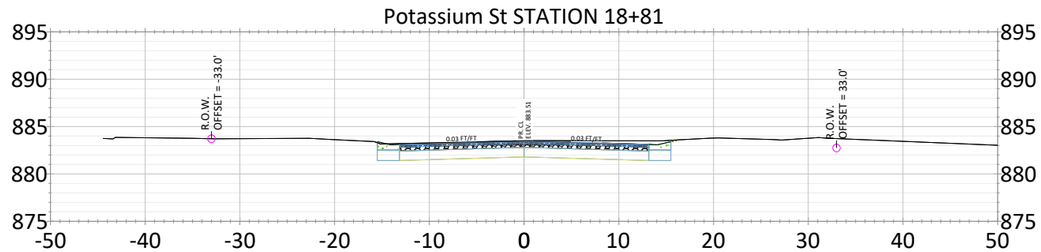


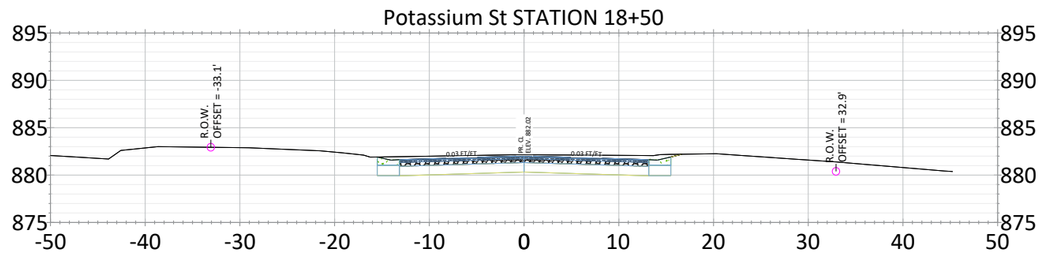


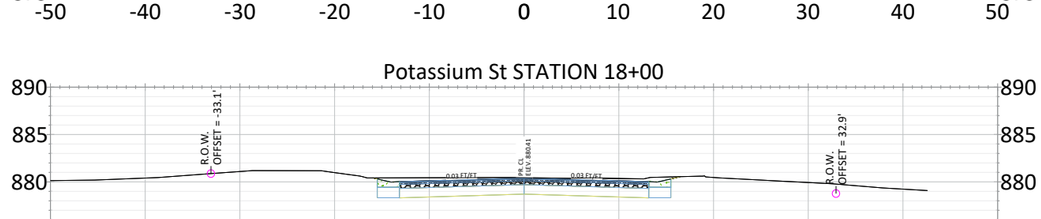


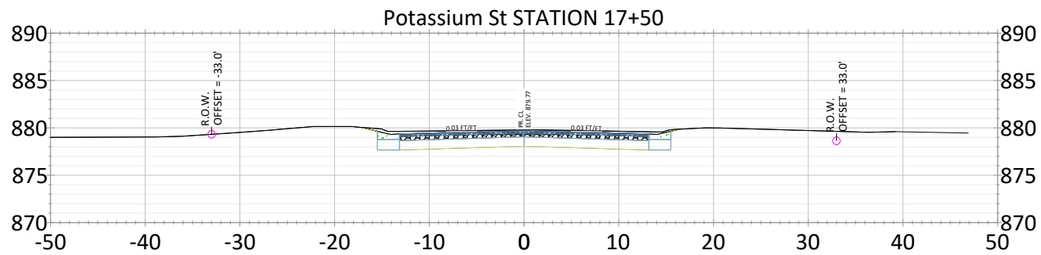












DATE	REVISION

Nov 15, 2024 - 10:30am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/18/24
CHECKED BY:	JJF	FILE:	24-13

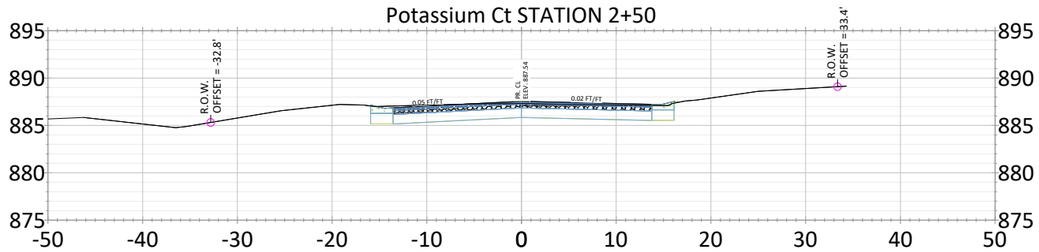
City of RAMSEY

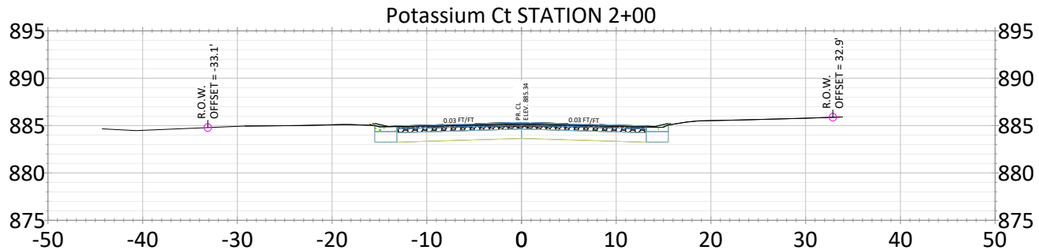
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

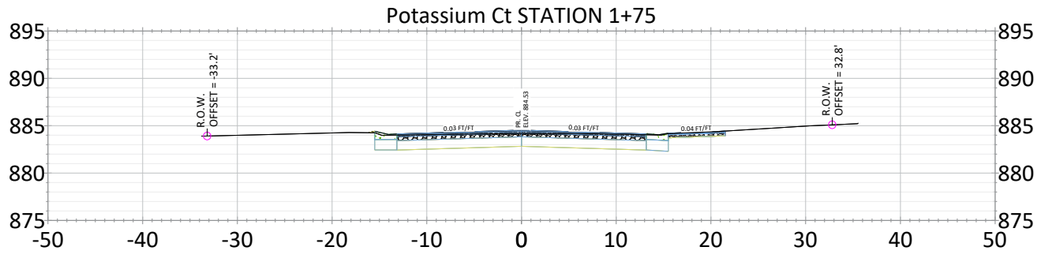
CROSS SECTIONS - POTASSIUM ST 14+92 - 18+81

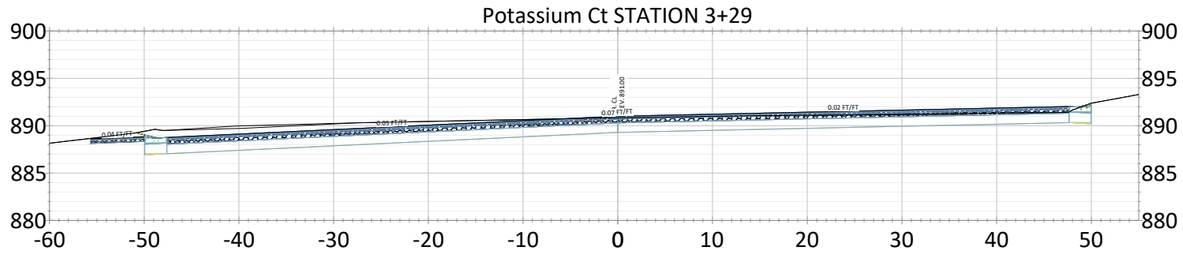
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

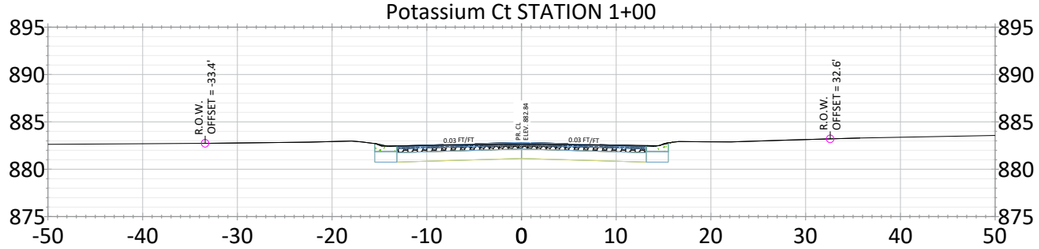
SHEET 75 OF 77 SHEETS

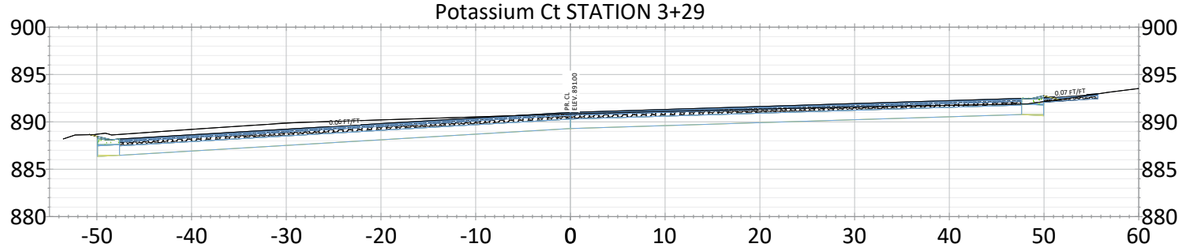


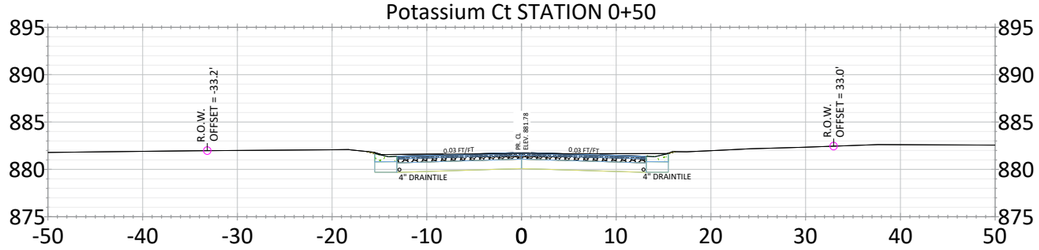


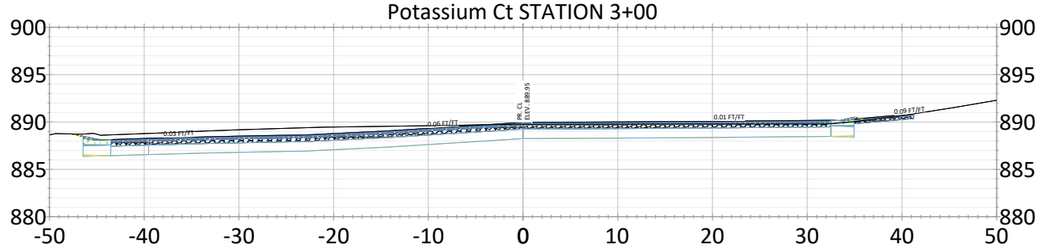












DATE	REVISION

Nov 15, 2024 - 10:31am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

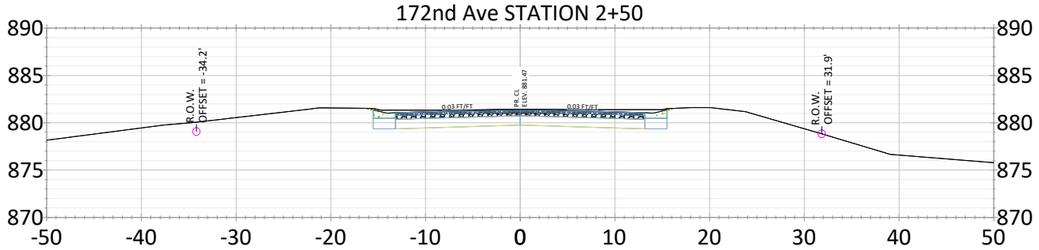
City of RAMSEY

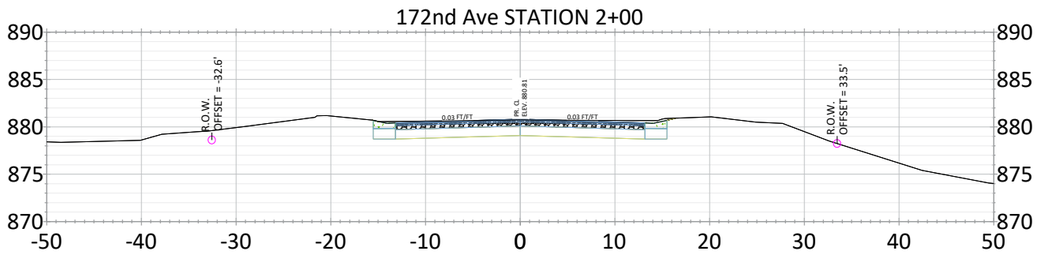
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

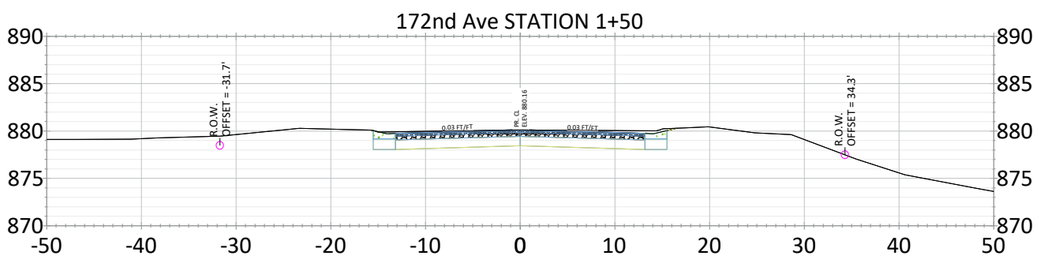
CROSS SECTIONS - POTASSIUM CT 0+50 - 3+29

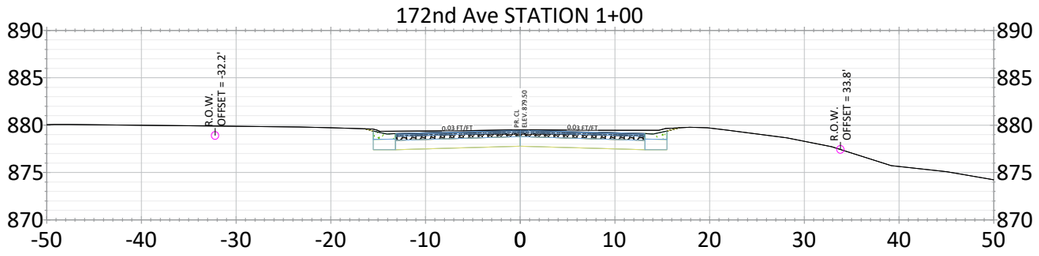
FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

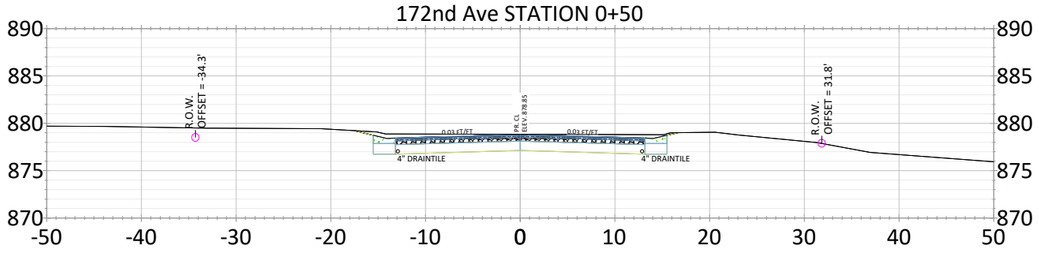
SHEET 76 OF 77 SHEETS











DATE	REVISION

Nov 15, 2024 - 10:47am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/18/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/18/24
CHECKED BY:	JJF	FILE: 24-13

City of RAMSEY

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

CROSS SECTIONS - 172ND AVE 0+50 - 2+50

FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTION
CITY PROJECT NO. 24-13
CITY OF RAMSEY, MINNESOTA

SHEET 77 OF 77 SHEETS

IP 24-13 Fox Ridge Estates 1st & 2nd Street Reconstruction
Street Segment Summary

Subdivision	Street	Segment Description	Length (feet)	Section (Urban / Rural)	2023 PASER	Year Built	Maint. 1	Maint. 2	Maint. 3	Avg HMA (inches)	Avg Agg. Base (inches)	Avg Section (inches)
Fox Ridge Estates 1st & 2nd	170th Avenue	Potassium Street / 172nd Lane	1645	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.6	3.5	6.1
	172nd Lane	Sodium Street / Tungsten Street	562	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.8	3.3	6.1
	172nd Lane	TH 47 / Potassium Street	317	Urban	2	1991	SC 1996	SC 2008	Patch 2024	2.6	3.7	6.3
	172nd Lane	Tungsten Street / Wolfram Street	939	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.8	3.3	6.1
	172nd Lane	Wolfram Street / West Edge of Plat	263	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.8	3.3	6.1
	173rd Avenue	Quicksilver Street / Sodium Street	533	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.8	0*	n/a*
	174th Avenue	Sodium Street / 173rd Avenue	648	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.7	4.2	6.9
	174th Avenue	Sodium Street / West Edge of Plat	226	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.7	4.2	6.9
	Potassium Court	Potassium Street / 172nd Lane	377	Urban	2	1991	SC 1996	SC 2008	Patch 2024	2.6	3.7	6.3
	Potassium Street	170th Avenue / Potassium Court	452	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.6	3.7	6.3
	Potassium Street	172nd Lane / Potassium Court	1064	Urban	2	1991	SC 1996	SC 2008	Patch 2024	2.6	3.7	6.3
	Potassium Street	172nd Lane / Quicksilver Street	738	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.6	3.7	6.3
	Sodium Street	173rd Avenue / Cul-de-sac	1295	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.6	3.7	6.3
	Quicksilver Street	174th Avenue / 173rd Avenue	407	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.7	4.0	6.7
	Tungsten Street	172nd Lane / Cul-de-sac	564	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.9	3.5	6.4
	Wolfram Street	172nd Lane / 170th Avenue	1372	Urban	2	1991	SC 1996	SC 2007	Patch 2024	2.5	0*	n/a*
	Fox Ridge Estates 1st & 2nd Street Reconstruction Total Length		*11402*	*2.16 mi.*	**GPR data incomplete, depth unknown*							

Councilmember ____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-018

RESOLUTION ACCEPTING BIDS AND AWARDING CONTRACT FOR FOX RIDGE ESTATES 1ST & 2ND STREET RECONSTRUCTIONS, IMPROVEMENT PROJECT #24-13

WHEREAS, the City of Ramsey proposes to reconstruct the streets within the Fox Ridge Estates 1st & 2nd subdivision as identified within the 2024 – 2033 10-Year Capital Improvement Program; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-130, adopted June 13, 2023, the City Council accepted and awarded the proposal to Bolton & Menk, Inc., for topographic survey of the project area; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-129, adopted June 27, 2023, the City Council accepted and awarded the proposal to Independent Testing Technologies, Inc. for geotechnical evaluations of the project area; and

WHEREAS, pursuant to Ramsey City Council Resolution #23-253, adopted October 10, 2023, the City Council accepted and awarded the proposal to Hydro-Klean, LLC, for cleaning and televising of storm sewer pipes within the project area; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-126, adopted May 14, 2024, the City Council ordered the City Engineer to prepare plans and specifications for Fox Ridge Estates 1st & 2nd Street Reconstruction, Improvement Project #24-13; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-296, adopted November 12, 2024, the City Council approved final plans and specifications as prepared by the City Engineer and authorized advertisement for bids for the same improvements; and

WHEREAS, proposals were received for Construction Staking and As-built Survey of $52,844.00 from Bolton & Menk, Inc. for said improvements; and

WHEREAS, bids were advertised in the Anoka Union Herald on Friday December 13 and Friday December 20, 2024; and

WHEREAS, ten (10) bids were received, opened and tabulated on January 13, 2025, and the following bids were found to comply with the approved plans and specifications and advertisement for bids; and

Contractor	Total Bid
Douglas-Kerr Underground, LLC	$2,099,737.06
Omann Brothers Paving, Inc.	$2,149,278.23
GMH Asphalt Corporation	$2,157,452.85
North Valley, Inc.	$2,353,159.87
Park Construction Company	$2,383,538.31
Asphalt Surface Technologies, Corp.	$2,421,645.33
Northwest	$2,582,984.89
Valley Paving, Inc.	$2,608,388.50
S.M. Hentges & Sons, Inc.	$2,665,000.00
Bituminous Roadways Inc.	$3,075,383.75

WHEREAS, the bid of Douglas-Kerr Underground, LLC in the amount of $2,099,737.06 for the

total bid for construction of the improvements in accordance with the approved plans and specifications and advertisement for bids, is the lowest responsible bidder and their bid shall be and hereby is accepted.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

1) The Mayor and City Administrator are hereby authorized and directed to enter into a contract with said bidder for the construction of said improvements for and on behalf of the City of Ramsey.

2) The City Administrator is hereby authorized and directed to accept Bolton & Menk, Inc. proposal for construction staking and as-built survey for said improvements for and on behalf of the City of Ramsey.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

BOLTON & MENK
Real People. Real Solutions.

7533 Sunwood Drive NW
Suite 206
Ramsey, MN 55303-5119

Ph: (763) 433-2851
Fax: (763) 427-0833
Bolton-Menk.com

January 10, 2025

Joe Feriancek, P.E.
Assistant City Engineer
7550 Sunwood Drive NW
Ramsey, MN 55303

RE: Proposal for Construction Staking Services, City of Ramsey – Fox Ridge Estates 1st and 2nd Streets Reconstructions (City Project No. 24-13)

Dear Mr. Feriancek:

We appreciate the opportunity to assist the City of Ramsey with construction staking for the above-referenced project.

SCOPE OF WORK

Bolton & Menk will complete the construction staking and as-built survey for this project, which generally includes:

- 0.34 acres of clearing and grubbing,
- 12,900 SY of subsoil corrections,
- 114 RDST of subgrade preparation,
- 11 Flared End sections,
- 14 Storm Sewer Inlet Structures,
    - An additional 7 existing structures will be included for the As-Built survey
- 930 LF storm sewer,
- 638 LF drain tile,
- 22,460 LF of concrete curb and gutter,
- 3,610 LF of silt fence,
- 2 pedestrian ramps,
- Salvaging 79 mail box supports, and
- Miscellaneous other items.

We will also complete the As-Built Survey for Record Drawing creation.

ASSUMPTIONS

We have made the following assumptions in preparing this proposal:

- No allowance is included for staking of right-of-way.
- Replacing damaged or removed stakes is not included in our base fee.
- No additional fees for stakes, mileage, equipment, etc. will be invoiced to the City, but are included in our hourly rates.

- Additional services, if required, will be performed at the rates presented in the Proposed Fees section of this proposal.

PROPOSED FEES

Bolton & Menk proposes to perform the staking based on a not-to-exceed amount, based on the rates presented in the following table:

Task and Personnel	Hours	Rate/Hour	Total
Task 1: Construction Staking			
Licensed Surveyor	18.0	$197.00	$ 3,546.00
Survey Technician	18.0	$160.00	$ 2,880.00
Survey Crew	210.0	$195.00	$ 40,950.00
Subtotals	246.0	-	$ 47,376.00
Task 2: Asbuilt Survey			
Licensed Surveyor	4.0	$197.00	$ 788.00
Survey Technician	0.0	$160.00	$ 0.00
Survey Crew	24.0	$195.00	$ 4,680.00
Subtotals	28.0	-	$ 5,468.00
Grand Totals	**274.0**	**-**	**$ 52,844.00**

SCHEDULE

Due to our proximity to the site, we expect to be able to respond quickly to all construction staking requests however 48-hour notice is required to allow us to efficiently schedule survey crews.

If there are any questions, please call me at (651) 968-7760.

Sincerely,

BOLTON & MENK, INC.

Kevin P. Kielb, P.E.
Principal Engineer

CC Regular Session

Meeting Date: 01/28/2025

Primary Strategic Plan Initiative: Address infrastructure needs.

Title:

Adopt Resolution #25-019 Accepting Bids and Awarding Contract for MSA Sunwood Drive Reconstruction, Improvement Project #25-02

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #25-019 accepting bids and awarding a contract for MSA Sunwood Drive Reconstruction, Improvement Project #25-02.

Background:

The proposed 2025 – 2034 Capital Improvement Plan (CIP) identifies Sunwood Drive between Nowthen Boulevard (CSAH 5) and Erkium Street for street reconstruction in 2025. A street segment summary for the project is attached to this case.

Existing Conditions

Sunwood Drive between Nowthen Boulevard and Erkium Street is a 40-foot-wide urban section street, totaling 0.20 miles in length. Westbound Sunwood Drive includes a stop condition at Nowthen Boulevard, with a right turn only and a thru and left turn lane. The Average Daily Traffic (ADT) is 1,050. The corridor includes 5-foot wide concrete sidewalk on both sides of the street.

City watermain, sanitary sewer, and storm sewer exist within the project area. However, there are no storm sewer inlets in the curb line of this section of Sunwood Drive.

Project History

- May 28, 2024, the Ramsey City Council adopted Resolution #24-138, accepting and awarding a proposal to Hakanson Anderson for topographic survey of the project area.
- August 12, 2024, the Ramsey City Council adopted Resolution #24-220, accepting and awarding a proposal to Independent Testing Technologies, Inc. for a geotechnical report of the project area.
- November 12, 2024, the Ramsey City Council adopted Resolution #24-309, accepting and awarding a proposal to Hydro-Klean, LLC for sewer cleaning and televising of the project area.
- November 19, 2024, the Ramsey Public Works Committee recommended City Council order plans and specifications for said improvements.
- November 26, 2024, the Ramsey City Council adopted Resolution #24-338, ordering plans and specifications for said improvements.
- January 13, 2025, bids were publicly opened.
- January 21, 2025, the Ramsey Public Works Committee recommended the City Council award a contract to North Valley, Inc. per their lowest responsible bid for said improvements.

Pavement History

This segment of Sunwood Drive was constructed in 1993. The street received crack seal / seal coat improvements in 1998, 2006, and 2013. Public Works staff has performed pavement patching over the last several years.

Ground Penetrating Radar (GPR) has been performed on this street, indicating an average of 4.2 inches of bituminous over 2.2 inches of aggregate base.

Proposed Improvements

Sunwood Drive is a Municipal State Aid (MSA) street and must conform to MSA design standards, including meeting a 10-ton pavement design standard. Because the existing pavement section is only 4.2-inches of bituminous over 2.2-inches aggregate base (6.4-inch total section), the typical full-depth reclamation (FDR) process cannot be used to meet pavement strength design requirements. Staff is proposing to place 4-inches of new bituminous over 6-inches aggregate base. This will be achieved by removing the existing pavement and aggregate base, removing an additional 4-inches of subbase material, and placing 6-inches of new aggregate base and 4-inches of new bituminous pavement. Ideally the new aggregate base will be made of recycled reclamation material, but to allow for the best bidding environment, the project will not require it.

The existing concrete curb and gutter is proposed to remain in-place with spot replacements. Per the ADA Transition Plan, existing pedestrian ramps will be updated to current ADA standards. There are 10 such pedestrian ramps within the project area. Replacing the pedestrian ramps will also result in three concrete valley gutters being replaced.

Review of the geotechnical report found clean sands, ideal for both utility and pavement support within the project area. Additionally, groundwater is not anticipated to be a concern for the street reconstruction.

Improvements to the existing municipal utilities are not anticipated other than a minor improvement to a watermain gate valve identified by the City Utilities Department.

Additional Permitting

Sunwood Drive is an MSA street, approval by the MnDOT MSA department was received prior to bidding the project. Because the project goes up to the Anoka County right-of-way, and will require temporary signage within said right-of-way, an Anoka County Highway Department Right-of-Way Permit will be required. No other permits are anticipated.

Preliminary Schedule Remaining

- City Council awards contract to the lowest Responsible Contractor
  - January 28, 2025
- Contractor begins construction
  - Spring / Summer 2025
- Contractor substantially completes construction
  - New bituminous pavement in-place, topsoil and seed in-place
  - August 2, 2025
- Contractor final completion
  - Verify final restoration; punch list created
  - August 30, 2025

Notification:

If Council accepts the bids and awards a contract for construction of the improvements, letters will be mailed to property owners with updates on the project status. Engineering Staff maintains City Improvement project webpages with the most current project information, which will also be updated.

Time Frame/Observations/Alternatives:

Timeframe:

Staff anticipates up to 10 minutes will be required to present this case and answer any questions.

Alternatives:

Alternative #1 – Motion to adopt Resolution #25-019 awarding a contract to North Valley, Inc. in the amount of $272,962.90 for MSA Sunwood Drive Reconstruction, Improvement Project #25-02.

Alternative #2 – Motion of other.

Funding Source:
Funding for this improvement is proposed to come from Municipal State Aid (MSA) Funds and Water Utility Funds.

Bids were advertised in the Anoka Union Herald on December 13 and December 20, 2024. On January 13, 2025 a total of ten (10) bids were received, opened, and tabulated, and the following bids were found to comply with the advertisement for bids.

Contractor	**Total Bid**
North Valley, Inc.	$272,962.90
GMH Asphalt Corporation	$276,796.05
Asphalt Surface Technologies Corp.	$299,757.80
Park Construction Company	$307,200.95
Bituminous Roadways Inc.	$317,090.20
Valley Paving, Inc.	$321,960.00
S.M. Hentges & Sons, Inc.	$333,924.00
Knife River Corporation – North Central	$338,807.44
Northwest	$348,750.74
Landall Services LLC	$384,584.00
Engineer's Estimate	*$265,777.50*

The bid of North Valley, Inc. of Nowthen, Minnesota, in the amount of $272,962.90 for the total bid of said improvements in accordance with the approved plans and specifications and advertisement for bids is the lowest responsible bidder. Adding indirect costs in the amount of 23-percent brings the total project costs to $335,744.37.

The low bid is 1-percent higher than the engineer's estimate, primarily due to higher than anticipated cost as a result of the relatively small project size.

Funding Source Breakdown:

Funding Source	**Construction Costs**	**Indirect Costs**	**Total Costs**
MSA Funds	$270,412.12	$62,194.79	$332,606.91
Water Utility Funds	$2,550.78	$586.68	$3,137.46
Project Total	***$272,962.90***	***$62,781.47***	***$335,744.37***

The CIP level estimate had a total estimated project cost of $348,450, which includes street costs of $303,000 and storm sewer costs of $45,450. The final project costs may change depending upon the actual construction quantities.

Hakanson Anderson submitted a proposal for construction staking of the proposed improvements for a total not-to-exceed amount of $6,500.00. The construction staking is included in the indirect project costs.

City staff proposes to administer and inspect construction. Plans and specifications were prepared in-house as part of staff's normal duties.

Recommendation:
The Ramsey Public Works Committee reviewed these improvements and bid results on January 21, 2025. The Committee recommended City Council accept the bids and award a contract to North Valley, Inc. per their bid.

Staff recommends Alternative #1.

Outcome/Action:

Motion to adopt Resolution #25-019 awarding a contract to North Valley, Inc. in the amount of $272,962.90 for MSA Sunwood Drive Reconstruction, Improvement Project #25-02.

Attachments

Res 25-019

25-02 Construction Staking Proposal

25-02 Street Summary

25-02 Final Plans

Form Review

Inbox	Reviewed By	Date
Bruce Westby	Bruce Westby	01/23/2025 10:05 AM
Brian Hagen	Brian Hagen	01/23/2025 12:51 PM
Form Started By: Joe Feriancek		Started On: 01/13/2025 01:28 PM
Final Approval Date: 01/23/2025		

Councilmember ____ introduced the following resolution and moved for its adoption:

RESOLUTION #25-019

RESOLUTION ACCEPTING BIDS AND AWARDING CONTRACT FOR MSA SUNWOOD DRIVE RECONSTRUCTION, IMPROVEMENT PROJECT #25-02

WHEREAS, the City of Ramsey proposes to reconstruct Municipal State Aid (MSA) Sunwood Drive between Nowthen Boulevard (CSAH 5) and Erkium Street as identified within the 2025 – 2034 Capital Improvement Plan; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-138, adopted May 28, 2024, the City Council accepted and awarded the proposal to Hakanson Anderson, for topographic survey of the project area in the amount of $1,600.00; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-220, adopted August 12, 2024, the City Council accepted and awarded the proposal to Independent Testing Technologies, Inc., for a geotechnical report of the project area in the amount of $4,075.00; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-309, adopted November 12, 2024, the City Council accepted and awarded the proposal of Hydro-Klean, LLC, for sewer cleaning and televising of the project area in the amount of $8,384.80; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-338, adopted November 26, 2024, the City Council ordered the City Engineer to prepare plans and specifications for MSA Sunwood Drive Reconstruction, Improvement Project #25-02; and

WHEREAS, pursuant to Ramsey City Council Resolution #24-355, adopted on December 10, 2024, the City Council approved final plans and specifications as prepared by the City Engineer and authorized advertisement for bids for the same improvements; and

WHEREAS, proposals were received for Construction Staking from Hakanson Anderson for said improvements in the amount of $6,500.00; and

WHEREAS, bids were advertised in the Anoka Union Herald on Friday December 13 and Friday December 20, 2024; and

WHEREAS, ten (10) bids were received, opened and tabulated on January 13, 2025, and the following bids were found to comply with the approved plans and specifications and advertisement for bids; and

Contractor	Total Bid
North Valley, Inc.	$272,962.90
GMH Asphalt Corporation	$276,796.05
Asphalt Surface Technologies Corp.	$299,757.80
Park Construction Company	$307,200.95
Bituminous Roadways Inc.	$317,090.20
Valley Paving, Inc.	$321,960.00
S.M. Hentges & Sons, Inc.	$333,924.00
Knife River Corporation	$338,807.44
Northwest	$348,750.74
Landall Services LLC	$384,587.00

WHEREAS, the bid of North Valley, Inc. in the amount of $272,962.90 for the total bid for construction of the improvements in accordance with the approved plans and specifications and advertisement for bids, is the lowest responsible bidder and their bid shall be and hereby is accepted.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF RAMSEY, ANOKA COUNTY, STATE OF MINNESOTA:

1) The Mayor and City Administrator are hereby authorized and directed to enter into a contract with said bidder for the construction of said improvements for and on behalf of the City of Ramsey.

2) The City Administrator is hereby authorized and directed to accept Hakanson Anderson proposal for construction staking for said improvements for and on behalf of the City of Ramsey.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember and upon vote being taken thereon, the following voted in favor thereof:

and the following voted against the same:

and the following abstained:

and the following were absent:

Whereupon said resolution was declared duly passed and adopted by the Ramsey City Council this the 28th day of January, 2025.

_____
Mayor

ATTEST:

_____
City Clerk

Hakanson Anderson

Main Office:
3601 Thurston Avenue, Anoka, MN 55303
Phone: 763/427-5860
www.haa-inc.com

45 YEARS

January 7, 2025 SENT VIA EMAIL: jferiancek@ci.ramsey.mn.us

Joe Feriancek
City of Ramsey
7550 Sunwood Drive NW
Ramsey, MN 55303

RE: Construction Staking Services – City of Ramsey Projects 25-02 Sunwood Drive Reconstruction

Dear Mr. Feriancek:

Thank you for the opportunity to submit a proposal for our services on the above projects. I understand that the scope of our services is to provide construction staking services as needed and directed.

SCOPE OF WORK

- Office setup and coordination
- Stake 10 pedestrian ramps
- Stake 3 concrete valley gutters
- Blue top 1,050 feet of centerline every 50 feet for both top of subgrade and top of gravel

Hourly Not to Exceed ……..…….. $6,500.00

- As-built Surveys are not included in this estimate

The above-mentioned hourly amount is based on survey control points being found in place, electronic files of necessary construction documents being available for our use and a one-time staking per item. Significant re-staking and services provided in addition to those proposed will be billed hourly per the attached standard fee schedule.

To better serve you, we request that final plans and specifications for new projects arrive in our office a minimum of five working days before staking is needed on site. After staking has started on site, a two to three-day notice for return visits is requested. It is the contractor's responsibility to provide shop drawings or updated plans when applicable.

If this proposal meets with your approval, please sign the acceptance below and return a copy to our office. If you have any questions or need any further information, feel free to call at your convenience. 763-852-0486

Sincerely,
Hakanson Anderson Associates

Brian Person PLS
Vice President

ACCEPTANCE OF PROPOSAL: The above fees and conditions are satisfactory and hereby accepted. Hakanson Anderson Associates is authorized to do the work as specified. Invoices for the above work will be issued on a monthly basis and at the completion of the project. Payment for invoices will be due within thirty (30) days of the date of billing.

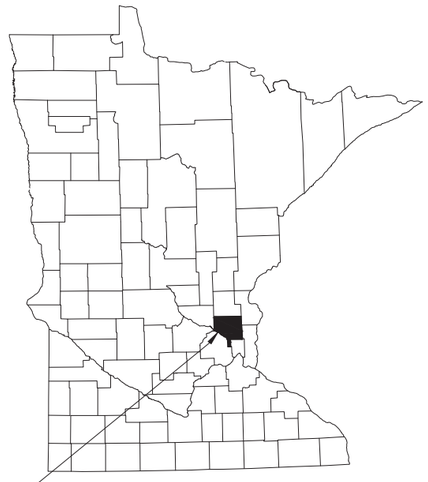
Accepted by: _____ Date: _____
Name/Title

25-02 MSA Sunwood Drive (CSAH 5 / Erkium Street) Reconstruction
Street Segment Summary

Street	Segment Description	Length (feet)	Section (Urban / Rural)	2024 PASER	Year Built	Maint. 1	Maint. 2	Maint. 3	Avg HMA (inches)	Avg Agg. Base (inches)	Avg Section (inches)
Sunwood Drive	Nowthen Boulevard (CSAH 5) / Erkium Street	1065	Urban	4	1993	SC 1998	SC 2006	SC 2013	4.2	2.2	6.4
Sunwood Drive Total Length		*1065*	*0.2 mi.*								

CITY OF RAMSEY
SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY IMPROVEMENT PROJECT NO. 25-02

S.A.P. 199-104-015 LOCATED ON SUNWOOD DRIVE BETWEEN NOWTHEN BOULEVARD (CSAH 5) AND ERKIUM STREET
FROM NW 1/4 OF THE NW 1/4 OF S25, T32, R25 TO NW 1/4 OF THE NW 1/4 OF S25, T32, R25



CITY OF RAMSEY
ANOKA COUNTY, MINNESOTA
DISTRICT: METRO

PROJECT	STA. TO STA.	GROSS LENGTH	BRIDGE LENGTH	NET LENGTH	NET LENGTH (MILES)	ADT (2025)	ADT (2045)	DESIGN ESAL	R VALUE	TON DESIGN	DESIGN SPEED	NUMBER OF LANES	WIDTH OF LANES	FUNCTIONAL CLASSIFICATION
S.A.P. 199-104-015 SUNWOOD DR	0+61 TO 11+07	1,046 FT	0 FT	1,046 FT	0.20 MI	1,050	1,155	351,000	70	10	30 MPH	2	12'	COLLECTOR

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

Call before you dig
811
651 454-0002 Metro
800 252-1166 Outstate
www.gopherstateonecall.org

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" 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 25 SHEETS

SHEET No.	DESCRIPTION
01	TITLE SHEET
02	STATEMENT OF ESTIMATED QUANTITIES
03	TABULATIONS
04	ALIGNMENT LAYOUT
05	TYPICAL SECTION
06 - 07	CITY DETAILS
08 - 13	MNDOT PEDESTRIAN RAMP DETAILS
14	INTERSECTION DETAILS - SUNWOOD DR & GERMANIUM ST
15	INTERSECTION DETAILS - SUNWOOD DR & FLUORINE ST
16	INTERSECTION DETAILS - SUNWOOD DR & ERKIUM ST
17	EROSION CONTROL
18	REMOVALS
19 - 20	STREET IMPROVEMENTS
21	PAVEMENT MARKING PLAN
22 - 23	CROSS SECTIONS
24 - 25	SWPPP

LEGEND

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

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 LIC. NO. — DATE 11/22/24

APPROVED: _____ CITY ENGINEER, CITY OF RAMSEY — DATE 11/22/24

Lucas Lortie — Digitally signed by Lucas Lortie Date: 2024.12.17 11:03:28 -06'00' — DATE _____
DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE AID RULES/POLICY

Lucas Lortie — Digitally signed by Lucas Lortie Date: 2024.12.17 11:03:46 -06'00' — DATE _____
STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING

SHEET 01 OF 25 SHEETS

City of RAMSEY
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)

SAP 199-104-015

DATE	REVISION
12/16/24	ADDED SWPPP

Dec 16, 2024 - 10:05am
G:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Title Sheet.dwg

STATEMENT OF ESTIMATED QUANTITIES							
IP 25-02 MSA Sunwood Drive - CSAH 5 to Erkium Street Reconstruction							
					S.A.P. 199-112-010		
					PROJECT TOTAL	PARTICIPATING	NON-PARTICIPATING
						STREET	WATERMAIN
NOTES	**ITEM NO.**	**MNDOT NO.**	**ITEM**	**UNIT**		**QUANTITY**	**QUANTITY**
	1	2021.501	MOBILIZATION	LS	1	1	0
	2	2104.502	REMOVE VALVE BOX & VALVE EXTENSION	EA	1	0	1
1	3	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LF	230	230	0
1	4	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LF	65	65	0
1	5	2104.503	REMOVE CONCRETE CURB AND GUTTER	LF	285	285	0
1	6	2104.504	REMOVE CONCRETE VALLEY GUTTER	SY	81	81	0
1	7	2104.504	REMOVE CONCRETE PAVEMENT	SY	145	145	0
1	8	2104.518	REMOVE BITUMINOUS PAVEMENT	SY	60	60	0
	9	2106.507	EXCAVATION - COMMON (EV)	CY	260	260	0
8	10	2106.607	HAUL & STOCKPILE RECLAIM MATERIAL (LV)	CY	1050	1050	0
	11	2112.604	SUBGRADE PREPARATION	SY	4800	4800	0
	12	2123.610	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	5	5	0
	13	2130.523	WATER	MGAL	10	10	0
	14	2211.507	AGGREGATE BASE CLASS 5 MODIFIED (CV)	CY	760	760	0
9	15	2215.504	FULL DEPTH RECLAMATION	SY	4600	4600	0
1	16	2231.603	SAWED & SEALED JOINT	EA	30	30	0
	17	2232.504	MILL BITUMINOUS PAVEMENT 2.0"	SY	360	360	0
3	18	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	350	350	0
4	19	2360.509	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,C)	TON	520	520	0
4	20	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	560	560	0
	21	2503.602	GROUT CATCH BASIN	EA	4	4	0
	22	2504.602	ADJUST VALVE BOX	EA	4	4	0
	23	2504.602	VALVE BOX	EA	1	0	1
	24	2506.502	ADJUST FRAME & RING CASTING	EA	5	5	0
11	25	2521.518	6" CONCRETE WALK	SY	150	150	0
	26	2521.602	DRILL & GROUT REINF BAR (EPOXY COATED)	EA	70	70	0
11	27	2531.503	CONCRETE CURB & GUTTER DESIGN B618	LF	285	285	0
11	28	2531.604	7" CONCRETE VALLEY GUTTER	SY	80	80	0
	29	2531.618	TRUNCATED DOMES	SF	240	240	0
7	30	2563.601	TRAFFIC CONTROL	LS	1	1	0
	31	2563.601	ALTERNATE PEDESTRIAN ROUTE	LS	1	1	0
	32	2573.502	STORM DRAIN INLET PROTECTION	EA	4	4	0
	33	2573.602	STABILIZED CONSTRUCTION EXIT	EA	2	2	0
2,10	34	2574.507	TOPSOIL (LV)	CY	30	30	0
5	35	2574.508	FERTILIZER TYPE 3	LBS	10	10	0
	36	2575.505	SEEDING	ACRE	0.05	0.05	0
6	37	2575.508	HYDRAULIC MULCH MATRIX	LBS	200	200	0
5	38	2575.508	SEED MIXTURE 25-151	LBS	10	10	0
	39	2575.602	LANDSCAPE RESTORATION	EA	1	1	0
	40	2582.503	4" SOLID LINE PAINT (MULTI-COMP)	LF	1700	1700	0
	41	2582.503	4" DOUBLE SOLID LINE PAINT (MULTI-COMP)	LF	850	850	0
	42	2582.518	CROSSWALK PAINT (MULTI-COMP)	SF	144	144	0

PAY ITEM NOTES:

1. REMOVAL LIMITS SHALL BE MARKED IN THE FIELD BY CITY STAFF.
2. LV TO CV CONVERSION FACTOR = 1.30.
3. ESTIMATED QUANTITY BASED ON APPLICATION RATE OF 0.07 GAL/SY.
4. ESTIMATED QUANTITY BASED ON APPLICATION RATE OF 113 LB/SY-IN.
5. ESTIMATED QUANTITY BASED ON 200 LB/ACRE.
6. ESTIMATED QUANTITY BASED ON 4000 LB/ACRE.
7. LUMP SUM QUANTITY SHALL INCLUDE ALL COST REQUIRED FOR MAINTAINING ALL FLAGGING OPERATIONS AS NECESSARY, MAINTAINING PEDESTRIAN ACCESS ROUTES, ANY SIGNAGE AND BARRICADES AS NECESSARY.
8. RECLAMATION STOCKPILE LOCATION IS AT 16600 SAINT FRANCIS BLVD. THE EXPECTED RECLAMATION DEPTH IS 8 INCHES.
9. SHAPING OF RECLAMATION MATERIAL TO PROFILE AND CROSS SLOPES MATCHING THE PLANS IS INCIDENTAL TO THE FULL-DEPTH RECLAMATION PAY ITEM.
10. STOCKPILING OF ANY SALVAGED TOPSOIL USED IS INCIDENTAL TO THE TOPSOIL PAY ITEM.
11. FINISH WITH CLEAR CURING COMPOUND

GENERAL NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. IT IS NOT GUARANTEED ANY OR ALL EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING IRRIGATION SYSTEMS WITHIN THE PROJECT CONSTRUCTION LIMITS BEFORE COMMENCING WORK. THE CONTRACTOR IS RESPONSIBLE FOR AVOIDING DAMAGE TO IRRIGATION SYSTEMS WHERE POSSIBLE.
3. STREET INTERSECTION RADII ASSUMED 20', UNLESS OTHERWISE NOTED.
4. PERMANENT SIGN REMOVAL AND INSTALLATION IS TO BE PERFORMED BY CITY OF RAMSEY PUBLIC WORKS DEPARTMENT.
5. THE CENTERLINE PROFILES ARE GENERALLY REMAINING THE SAME. THIS IS PROPOSED TO BE ACHIEVED BY RECLAIMING AND HAULING OFF 8 INCHES OF THE EXISTING BITUMINOUS AND AGGREGATE BASE, REMOVAL OF 2 INCHES OF SUBSOIL, SUBGRADE PREPARATION, PLACEMENT OF 6 INCHES OF AGGREGATE BASE (RECLAMATION MATERIAL MEETING CITY OF RAMSEY STANDARD DETAIL STR-26 MAY BE USED AS AGGREGATE BASE CLASS 5 MODIFIED), PLACEMENT OF 2 INCHES NON-WEAR COURSE BITUMINOUS PAVEMENT AND PLACEMENT OF 2 INCHES WEAR COURSE BITUMINOUS PAVEMENT.
6. STREET CROSS SLOPES SHALL HAVE A MINIMUM 2% GRADE.
7. SEEDING AND RESTORATION NUMBERS WERE DETERMINED BASED ON 4' OF DISTURBANCE FROM THE EDGE OF CURB AND CONCRETE WALK REPLACEMENTS.

DATE	REVISION

Nov 22, 2024 - 2:02pm
G:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\102.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

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/22/24
CHECKED BY:	JJF	FILE: 25-02

City of RAMSEY

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

STATEMENT OF ESTIMATED QUANTITIES

S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 02 OF 25 SHEETS

PAVEMENT MARKING TABULATION						
DESCRIPTION	DIRECTION	STATION		CROSSWALK	4" SOLID LINE	4" DOUBLE LINE
		START	END	WHITE	WHITE	YELLOW
				SF	LF	LF
FOG LINE	EB	0+61	3+32		260	
CENTERLINE		0+61	3+32			270
FOG LINE	WB	0+61	3+32		280	
FOG LINE	EB	3+93	6+95		305	
CENTERLINE		3+93	6+95			302
FOG LINE	WB	3+93	6+95		298	
FOG LINE	EB	7+60	10+38		276	
CENTERLINE		7+60	10+38			277
FOG LINE	WB	7+60	10+38		279	
CROSSWALK		10+88	10+96	144		
TOTALS				144	1698	849

DATE	REVISION

Nov 22, 2024 - 10:33am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/22/24
CHECKED BY:	JJF	FILE: 25-02

City of RAMSEY

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

TABULATIONS

S.A.P. 199-104-015

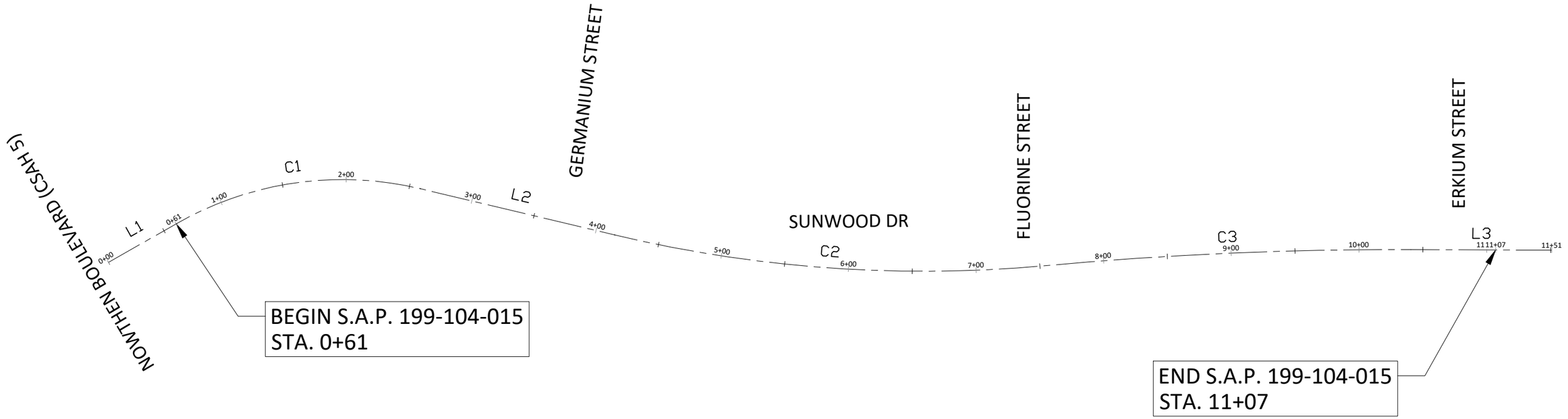
SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

0 40 80 120
SCALE (FEET)

N

LINE TABLE: ALIGNMENTS			
LINE #	LENGTH	DIRECTION	ALIGNMENT NAME
L1	61.49'	N60° 19' 27"E	Sunwood
L2	156.52'	S76° 36' 40"E	Sunwood
L3	110.23'	S89° 46' 26"E	Sunwood

CURVE TABLE: ALIGNMENTS				
CURVE #	RADIUS	LENGTH	CHORD DIRECTION	ALIGNMENT NAME
C1	262.12'	197.01'	N81° 51' 24"E	Sunwood
C2	1043.58'	339.42'	S85° 55' 43"E	Sunwood
C3	2996.80'	286.21'	N87° 29' 24"E	Sunwood



DATE	REVISION

Nov 22, 2024 - 10:20am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/22/24
CHECKED BY:	JJF	FILE: 25-02

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

ALIGNMENT LAYOUT

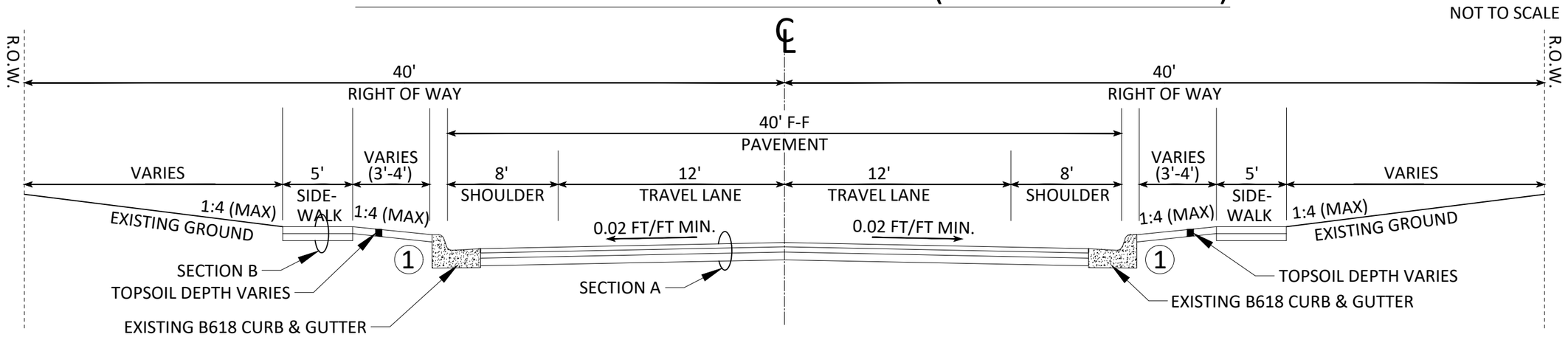
S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 04 OF 25 SHEETS

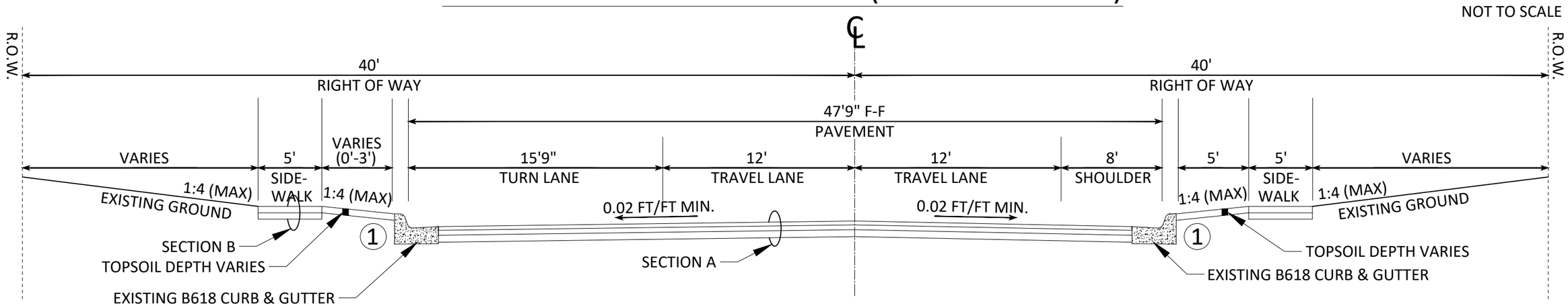
TYPICAL SECTION: RECONSTRUCTION (STA. 3+32 - 11+07)

NOT TO SCALE



TYPICAL SECTION: TURN LANE (STA. 0+61 - 3+32)

NOT TO SCALE



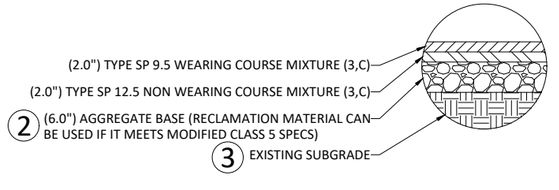
REFERENCE NOTES:

① GRADE TO MATCH EXISTING GROUND (1:4 MAX, 4% MIN). ESTABLISH TURF USING A MINIMUM OF 4" TOPSOIL AND HYDROSEED WITH MNDOT SEED MIXTURES PER SPECIFICATIONS.
SEE CITY DETAIL ERO-6 ON SHEET 06 FOR TOPSOIL REQUIREMENTS.

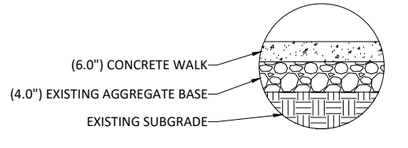
② MODIFY CLASS 5 AGGREGATE BASE PER CITY STANDARD DETAIL STR-26 ON SHEET 06. RECYCLED RECLAMATION MATERIAL MEETING STR-26 MAY BE USED AS AGGREGATE BASE.

③ CONTRACTOR SHALL SCARIFY AND COMPACT, ACCORDING TO THE SPECIFIED DENSITY METHOD, THE TOP 12 INCHES OF MATERIAL PRIOR TO PLACING CLASS 5 AGGREGATE BASE. THIS PROCESS SHALL BE INCIDENTAL TO THE SUBGRADE PREPARATION PAY ITEM.

SECTION A: ROADWAY



SECTION B: SIDEWALK



DATE	REVISION

Dec 13, 2024 - 9:13am
C:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Typical Section.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

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/22/24
CHECKED BY:	JJF	FILE:	25-02

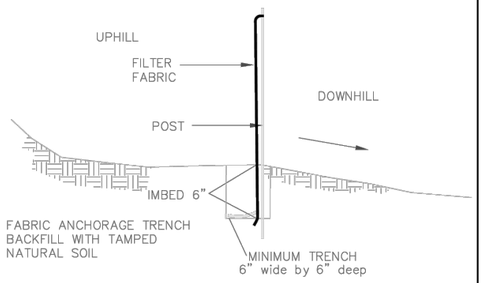
City of RAMSEY

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

TYPICAL SECTION

S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

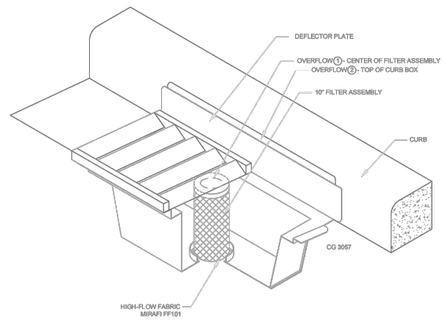


INSTALL AS PER FILTER FABRIC MANUFACTURER'S RECOMMENDATIONS

SILT FENCE DETAIL

NO SCALE

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: SILT FENCE
		CITY PLATE No. ERO–1

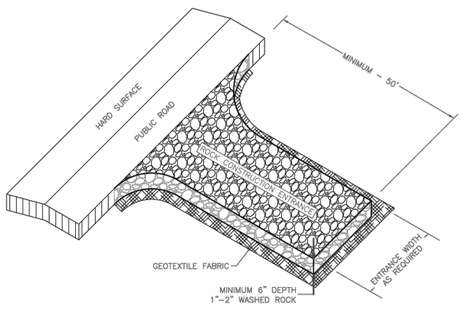


INLET PROTECTION – WIMCO OR EQUAL

N.T.S.

NOTE:
THIS INLET PROTECTION SHALL BE USED IMMEDIATELY FOLLOWING CURB & GUTTER CONSTRUCTION. INLET PROTECTION SHALL REMAIN INSTALLED AND MAINTAINTED UNTIL ALL HOME CONSTRUCTION IS COMPLETE.

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: INLET PROTECTION
		CITY PLATE No. ERO–2



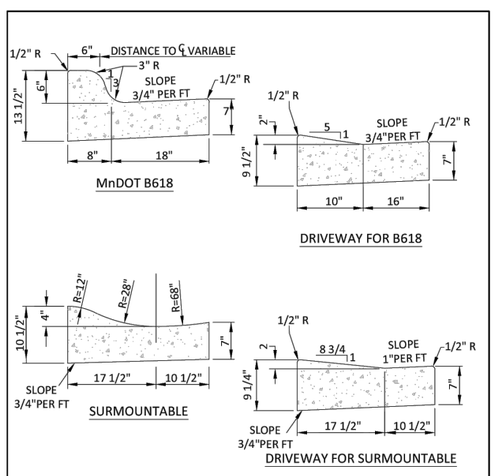
NOTE:
1. MINIMUM CONSTRUCTION ENTRANCE WIDTH EQUAL TO PROPOSED ROADWAY WIDTH.
2. WIDTH OF RADIUS AS REQUIRED TO ENSURE VEHICLES DO NOT TRACK ONTO PUBLIC ROAD.
3. MAINTAINENCE AS REQUIRED TO PREVENT TRACKING ONTO PUBLIC ROADS. THIS MAY REQUIRE TOP DRESSING WITH ADDITIONAL ROCK OR REMOVAL AND REINSTALLATION OF THE ENTRANCE AS NEEDED.

NOT TO SCALE

APPROVED: 1 – 2016	City of RAMSEY	STANDARD DETAILS: ROCK CONSTRUCTION ENTRANCE
		CITY PLATE No. ERO–5

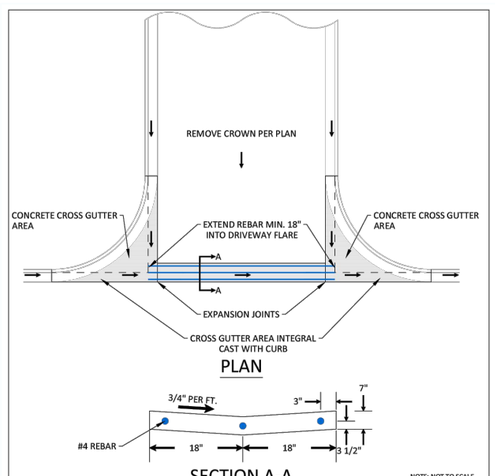
Notes:
1. INSTALLATION OF 4" OF TOPSOIL REQUIRED ACROSS ALL DISTURBED AREAS.
2. TOPSOIL IS DEFINED AS BLACK DIRT COMPOSED OF UNCONSOLIDATED MATERIAL, LARGELY UNDECOMPOSED ORGANIC MATTER WHICH IS SUITABLE FOUNDATION FOR VEGETATIVE GROWTH.
3. THE COMPOSITION OF TOPSOIL SHOULD CONTAIN NO MORE THAN THIRTY-FIVE PERCENT (35%) SAND CONTENT.

APPROVED: 7 – 2019	City of RAMSEY	STANDARD DETAILS: TOPSOIL REQUIREMENTS
		CITY PLATE No. ERO–6



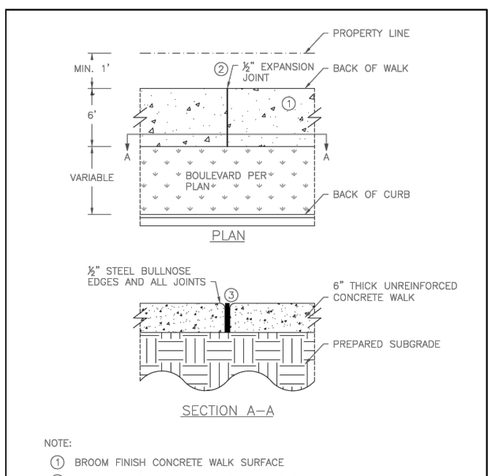
NOTES:
1. ON WEAR COURSE MILL THE EXISTING BITUMINOUS 1.5" BY 24" IN FRONT OF THE REPLACEMENT CURB. (INCIDENTAL TO CURB REPLACEMENT)
2. ON BASE COURSE SAW CUT AND REMOVE EXISTING BITUMINOUS 18" IN FRONT OF THE REPLACEMENT CURB. (INCIDENTAL TO CURB REPLACEMENT)

APPROVED: 10 - 2024	City of RAMSEY	STANDARD DETAILS: CURB AND GUTTER
		CITY PLATE No. STR-1



NOTES:
1. WITH REMOVAL OF EXISTING CURB AT A STREET, MILL BITUMINOUS TO A DEPTH OF 1.5" AND A WIDTH OF 18" IN EXISTING STREET.
2. TO BE USED WHENEVER CROSS DRAINAGE IS < 2%.
3. CONCRETE CURB AND GUTTER SHALL BE CAST INTEGRAL WITH CONCRETE CROSS GUTTER AREA.
4. CONCRETE CURB AND GUTTER SHALL BE PAID SEPARATELY FROM CONCRETE CROSS GUTTER AREA.

APPROVED: 3 - 2017	City of RAMSEY	STANDARD DETAILS: CROSS GUTTER
		CITY PLATE No. STR-2



NOTE:
① BROOM FINISH CONCRETE WALK SURFACE
② MAXIMUM 100 FOOT SPACING BETWEEN EXPANSION JOINTS
③ 1/2" EXPANION JOINT MEETING MNDOT SPEC 3702. PROVIDE ONE PIECE OF FILLER FOR THE ENTIRE DEPTH AND WIDTH OF THE JOINT

NOT TO SCALE

APPROVED: 10 – 2015	City of RAMSEY	STANDARD DETAILS: CONCRETE SIDEWALK
		CITY PLATE No. STR–3

TABLE A
MODIFIED CLASS 5 SPECIFICATIONS

% PASSING

1"	100
3/4"	90 – 100
3/8"	50 – 80
No.4	35 – 70
No.10	20 – 60
No.40	10 – 35
No.200	5 – 10

NOTES:
1. THE AGGREGATE BASE CONSTRUCTION WILL BE ACCEPTED FOR PAYMENT IN ACCORDANCE WITH THE PROVISIONS IN TABLE A.
2. IF THE AGGREGATE BASE FAILS TO MEET THE REQUIREMENTS OF TABLE A THE MATERIAL CAN BE CORRECTED IN PLACE OR REMOVED AND REPLACED WITH MATERIAL THAT MEET THE REQUIREMENTS OF TABLE A.
3. IN THE EVENT THAT RECYCLED MATERIAL IS USE IT MUST MEET MNDOT REQUIREMENTS FOR RECYCLED BASE.

APPROVED: 2 – 2003	City of RAMSEY	STANDARD DETAILS: MODIFIED CLASS 5 SPECIFICATIONS
		CITY PLATE No. STR–26

DATE	REVISION

Nov 22, 2024 - 10:45am
G:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Details.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

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/22/24
CHECKED BY:	JJF	FILE:	25-02

City of RAMSEY

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

CITY DETAILS

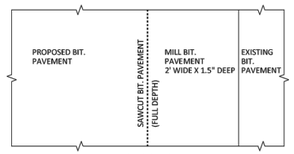
S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

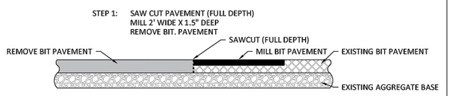
SHEET 06 OF 25 SHEETS

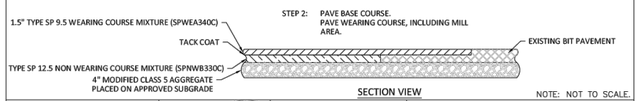
NOTES:

1. BITUMINOUS SHALL BE SAWCUT AND REMOVED
2. CLASS 5 AND BITUMINOUS COURSES SHALL BE MECHANICALLY COMPACTED.
3. SEE CITY PLATE STR-26 FOR MODIFIED CLASS 5 SPECIFICATIONS.



PLAN VIEW





SECTION VIEW

NOTE: NOT TO SCALE.

APPROVED:
3 - 2017

City of RAMSEY

CITY PLATE No. STR-31

STANDARD DETAILS: STREET TIE-IN

STANDARD PLATES	
THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT	
7038 A	DETECTABLE WARNING SURFACE TRUNCATED DOMES
7100 H	CONCRETE CURB AND GUTTER (DESIGN B)
8000 K	TEMPORARY CHANNELIZERS - (3 SHEETS)

DATE	REVISION

Nov 22, 2024 - 10:40am
G:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Details.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

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/22/24
CHECKED BY:	JJF	FILE: 25-02

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

CITY DETAILS

S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
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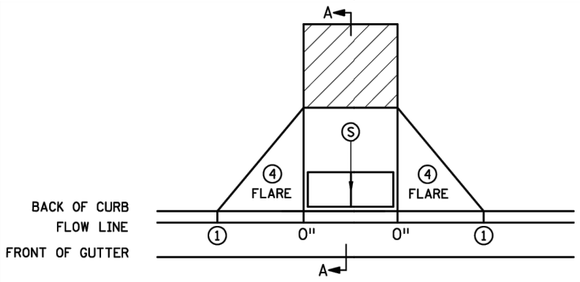
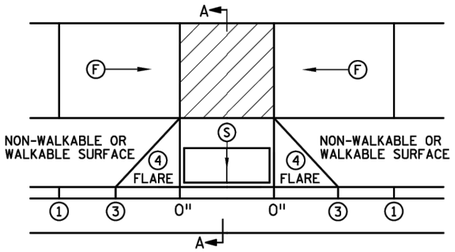
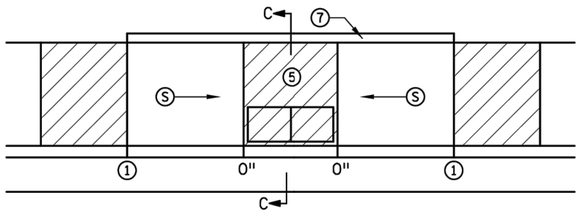


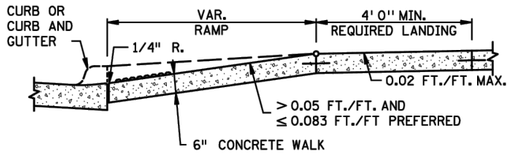
PERPENDICULAR



TIERED PERPENDICULAR

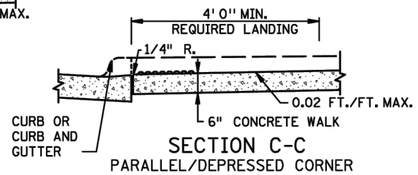


PARALLEL



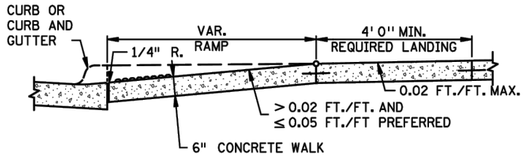
SECTION A-A

PERPENDICULAR/TIERED/DIAGONAL



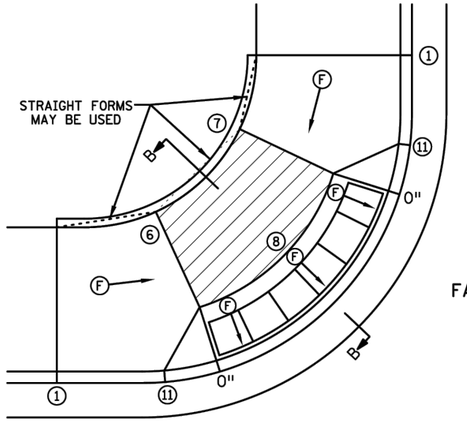
SECTION C-C

PARALLEL/DEPRESSED CORNER

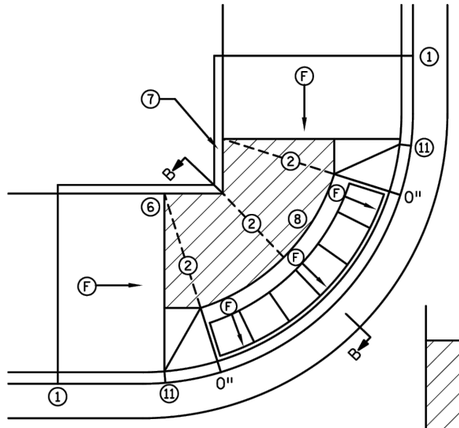


SECTION B-B

FAN

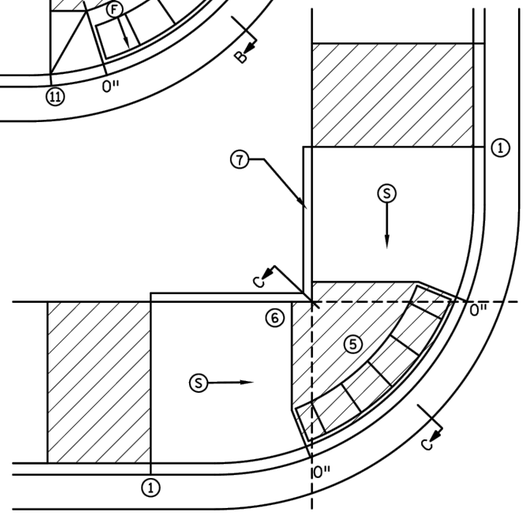


FAN⑩

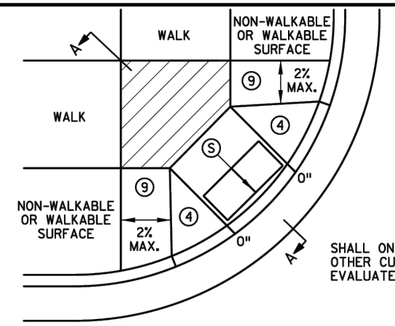


MODIFIED FAN ⑩

USED WHEN RIGHT-OF-WAY IS CONSTRAINED



DEPRESSED CORNER



DIAGONAL

SHALL ONLY BE USED AFTER ALL OTHER CURB RAMP TYPES HAVE BEEN EVALUATED AND DEEMED IMPRACTICAL

NOTES:

LANDINGS SHALL BE LOCATED ANYWHERE THE PEDESTRIAN ACCESS ROUTE (PAR) CHANGES DIRECTION, AT THE TOP OF RAMPS THAT HAVE RUNNING SLOPES GREATER THAN 5.0%, AND IF THE APPROACHING WALK IS INVERSE GRADE GREATER THAN 2%.

INITIAL CURB RAMP LANDINGS SHALL BE CONSTRUCTED WITHIN 15' FROM THE BACK OF CURB, WITH 6' FROM THE BACK OF CURB BEING THE PREFERRED DISTANCE, ONLY APPLICABLE WHEN THE INITIAL RAMP RUNNING SLOPE IS OVER 5.0%.

SECONDARY CURB RAMP LANDINGS ARE REQUIRED FOR EVERY 30" OF VERTICAL RISE WHEN THE LONGITUDINAL RUNNING SLOPE IS GREATER THAN 5.0%.

CONTRACTION JOINTS SHALL BE CONSTRUCTED ALONG ALL GRADE BREAKS WITHIN THE PAR. 1/4" DEEP VISUAL JOINTS SHALL BE USED AT THE TOPS OF CONCRETE FLARES ADJACENT TO WALKABLE SURFACES.

ALL GRADE BREAKS WITHIN THE PAR SHALL BE PERPENDICULAR TO THE PATH OF TRAVEL, THUS BOTH SIDES OF A SLOPED WALKING SURFACE MUST BE EQUAL LENGTH. (EXCEPT AS STATED IN ⑥ BELOW.

TO ENSURE RAMPS AND LANDINGS ARE PROPERLY CONSTRUCTED, ALL INITIAL LANDINGS AT A TOP OF A RAMPED SURFACE (RUNNING SLOPE GREATER THAN 2%) SHALL BE FORMED AND PLACED SEPARATELY IN AN INDEPENDENT CONCRETE POUR. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON SHEET 6 OF 6 FOR ALL SEPARATELY POURED INITIAL LANDINGS.

WHEN SIDEWALK IS AT BACK OF CURB, TOP OF CURB SHALL MATCH PROPOSED ADJACENT WALK GRADE.

MAINTAIN POSITIVE BOULEVARD DRAINAGE TO TOP OF CURB.

ALL RAMP TYPES SHOULD HAVE A MINIMUM 3' LONG RAMP LENGTH.

4' MINIMUM WIDTH OF DETECTABLE WARNING IS REQUIRED FOR ALL RAMPS. DETECTABLE WARNINGS SHALL CONTINUOUSLY EXTEND FOR A MIN. OF 24" IN THE PATH OF TRAVEL. DETECTABLE WARNING TO COVER THE ENTIRE PAR WIDTH OF SHARED-USE PATHS AND THE ENTIRE PAR WIDTH OF THE WALK WITH THE EXCEPTION OF 3" MAXIMUM ON EACH OUTSIDE EDGE WHICH ENSURES THE DETECTABLE WARNINGS ARE ENCASED IN CONCRETE WHEN ADJACENT TO TURF. WHEN ADJACENT TO CONCRETE FLARES 0" - 3" OFFSET IS ALLOWED.

WHEN DESIGNING OR ORDERING RECTANGULAR DETECTABLE WARNING SURFACES SHOULD BE 6" LESS THAN THE INCOMING PAR. ARC LENGTH OF THE RADIAL DETECTABLE WARNINGS SHOULD NOT BE GREATER THAN 20 FEET.

RECTANGULAR DETECTABLE WARNINGS SHALL BE SETBACK 3" FROM THE BACK OF CURB. RADIAL DETECTABLE WARNINGS SHALL BE SETBACK 3" MINIMUM TO 6" MAXIMUM FROM THE BACK OF CURB.

① MATCH FULL HEIGHT CURB.
② 4' MINIMUM DEPTH LANDING REQUIRED ACROSS TOP OF RAMP.
③ 3" HIGH CURB WHEN USING A 3' LONG RAMP, 4" HIGH CURB WHEN USING A 4' LONG RAMP.
④ SEE SHEET 4 OF 6, TYPICAL SIDE TREATMENT OPTIONS, FOR DETAILS ON FLARES AND RETURNED CURBS.
⑤ DETECTABLE WARNINGS MAY BE PART OF THE 4' X 4' MIN. LANDING AREA IF IT IS NOT FEASIBLE TO CONSTRUCT THE LANDING OUTSIDE OF THE DETECTABLE WARNING AREA.
⑥ THE GRADE BREAK SHALL BE PERPENDICULAR TO THE BACK OF WALK. THIS WILL ENSURE THAT THE GRADE BREAK IS PERPENDICULAR TO THE DIRECTION OF TRAVEL. (TYPICAL FOR ALL)
⑦ WHEN ADJACENT TO GRASS, GRADING SHALL ALWAYS BE USED WHEN FEASIBLE. V CURB, IF USED, SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS. WHEN ADJACENT TO PARKING LOTS, CONCRETE OR BITUMINOUS TAPERS LESS THAN 5% RUNNING SLOPE SHOULD BE USED OVER V CURB TO REDUCE TRIPPING HAZARDS AND FACILITATE SNOW & ICE REMOVAL.
⑧ A 7' MIN TOP RADIUS GRADE BREAK IS REQUIRED TO BE CONSTRUCTIBLE.
⑨ PAVE FULL WALK WIDTH.
⑩ "S" SLOPES ON FANS SHALL ONLY BE USED WHEN ALL OTHER FEASIBLE OPTIONS HAVE BEEN EVALUATED AND DEEMED IMPRACTICAL.
⑪ INTERMEDIATE CURB HEIGHTS TAPER SHALL RISE AT 8-10% TO A MINIMUM 3" CURB HEIGHT. REDUCE INTERMEDIATE CURB HEIGHT TO 2+ INCHES IF NECESSARY TO MATCH ADJACENT BOULEVARD OR SIDEWALK GRADES.

LEGEND

THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.

- (S) 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%.
- (F) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.
- LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.
- X" CURB HEIGHT

REVISION:

APPROVED: 11-04-2021

JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

THOMAS STYRBICKI
STATE DESIGN ENGINEER

STANDARD PLAN 5-297.250 | 1 OF 6

APPROVED: 11-04-2021
REVISED:

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

DATE	REVISION

Nov 22, 2024 - 10:46am
C:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Details.dwg

City of RAMSEY

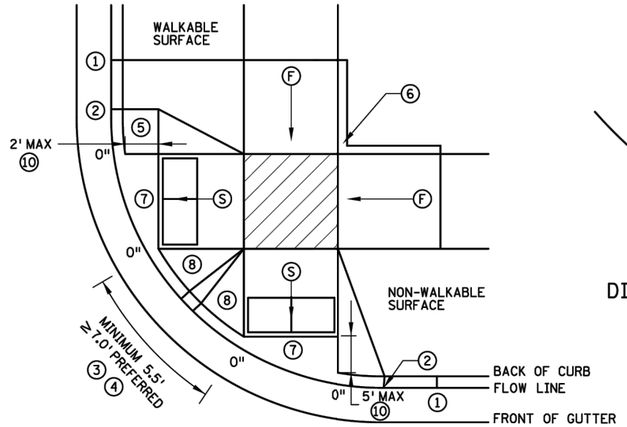
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

MNDOT PEDESTRIAN RAMP DETAILS

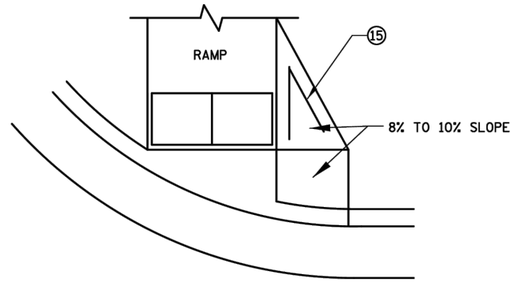
S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

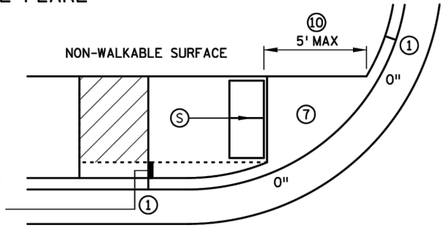
SHEET 08 OF 25 SHEETS



COMBINED DIRECTIONAL

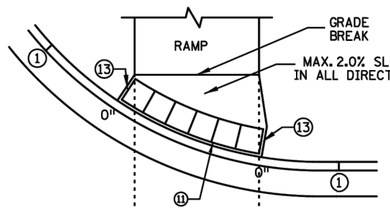


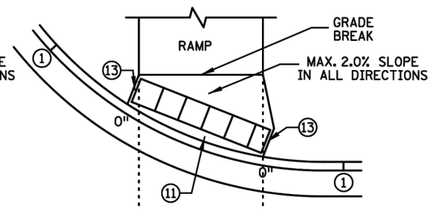
DIRECTIONAL RAMP WALKABLE FLARE



IF NON-CONCRETE BLVD. IS CONSTRUCTED AND IS LESS THAN 2' IN WIDTH AT TOP OF CURB TRANSITION, PAVE CONCRETE RAMP WIDTH TO ADJACENT BACK OF CURB.

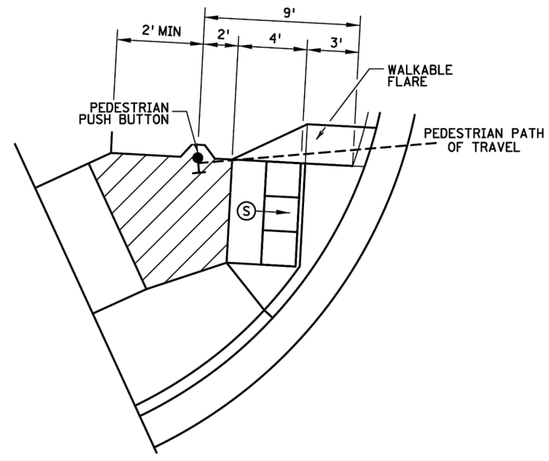
STANDARD ONE-WAY DIRECTIONAL ⑨





DETECTABLE WARNING PLACEMENT WHEN SETBACK CRITERIA IS EXCEEDED ⑫

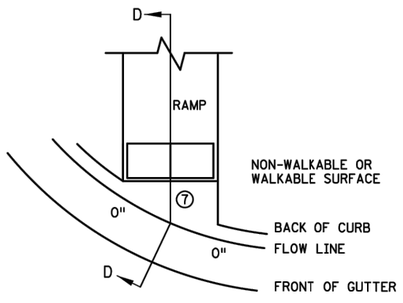
ONE-WAY DIRECTIONAL WITH DETECTABLE WARNING AT BACK OF CURB

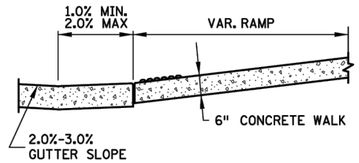


SEMI-DIRECTIONAL RAMP ③④⑨

3' DOME SETBACK, 4' LONG RAMP AND PUSH BUTTON 9' FROM THE BACK OF CURB

PRIMARILY USED FOR APS APPLICATIONS WHERE THE PAR DOES NOT CONTINUE PAST THE PUSH BUTTON (DEAD-END SIDEWALK)





SECTION D-D

CURB FOR DIRECTIONAL RAMPS ⑭

NOTES:

LANDINGS SHALL BE LOCATED ANYWHERE THE PEDESTRIAN ACCESS ROUTE (PAR) CHANGES DIRECTION, AT THE TOP OF RAMPS THAT HAVE RUNNING SLOPES GREATER THAN 5.0%, AND IF THE APPROACHING WALK IS INVERSE GRADE.

INITIAL CURB RAMP LANDINGS SHALL BE CONSTRUCTED WITHIN 15' FROM THE BACK OF CURB, WITH 6' FROM THE BACK OF CURB BEING THE PREFERRED DISTANCE, ONLY APPLICABLE WHEN THE INITIAL RAMP RUNNING SLOPE IS OVER 5.0%.

SECONDARY CURB RAMP LANDINGS ARE REQUIRED FOR EVERY 30" OF VERTICAL RISE WHEN THE LONGITUDINAL SLOPE IS GREATER THAN 5.0%.

CONTRACTION JOINTS SHALL BE CONSTRUCTED ALONG ALL GRADE BREAKS WITHIN THE PAR. 1/4" DEEP VISUAL JOINTS SHALL BE USED AT THE TOP GRADE BREAK OF CONCRETE FLARES ADJACENT TO WALKABLE SURFACES.

ALL GRADE BREAKS WITHIN THE PAR SHALL BE PERPENDICULAR TO THE PATH OF TRAVEL. THUS BOTH SIDES OF A SLOPED WALKING SURFACE MUST BE EQUAL LENGTH.

TO ENSURE INITIAL RAMPS AND INITIAL LANDINGS ARE PROPERLY CONSTRUCTED, LANDINGS SHALL BE CAST SEPARATELY. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON SHEET 6 AND THE ADA SPECIAL PROVISION (PROSECUTION OF WORK).

TOP OF CURB SHALL MATCH PROPOSED ADJACENT WALK GRADE.

WHEN THE BOULEVARD IS 4' WIDE OR LESS, THE TOP OF CURB TAPER SHALL MATCH THE RAMP SLOPES TO REDUCE NEGATIVE BOULEVARD SLOPES FROM THE TOP BACK OF CURB TO THE PAR.

ALL RAMP TYPES SHOULD HAVE A MINIMUM 3' LONG RAMP LENGTH.

4' MINIMUM WIDTH OF DETECTABLE WARNING IS REQUIRED FOR ALL RAMPS. DETECTABLE WARNINGS SHALL CONTINUOUSLY EXTEND FOR A MIN. OF 24" IN THE PATH OF TRAVEL. DETECTABLE WARNING TO COVER THE ENTIRE PAR WIDTH OF SHARED-USE PATHS AND THE ENTIRE PAR WIDTH OF THE WALK WITH THE EXCEPTION OF 3" MAXIMUM ON EACH OUTSIDE EDGE WHICH ENSURES THE DETECTABLE WARNINGS ARE ENCASED IN CONCRETE WHEN ADJACENT TO TURF. WHEN ADJACENT TO CONCRETE FLARES 0" - 3" OFFSET IS ALLOWED.

WHEN DESIGNING OR ORDERING RECTANGULAR DETECTABLE WARNING SURFACES SHOULD BE 6" LESS THAN THE INCOMING PAR. ARC LENGTH OF THE RADIAL DETECTABLE WARNINGS SHOULD NOT BE GREATER THAN 20 FEET.

RADIAL DETECTABLE WARNINGS SHALL BE SETBACK 3" MINIMUM TO 6" MAXIMUM FROM THE BACK OF CURB. SEE NOTES ⑩ & ⑪ FOR INFORMATION REGARDING RECTANGULAR DETECTABLE WARNING PLACEMENT.

① MATCH FULL CURB HEIGHT.

② 3" HIGH CURB WHEN USING A 3' LONG RAMP
4" HIGH CURB WHEN USING A 4' LONG RAMP.

③ 3" MINIMUM CURB HEIGHT (5.5' MIN. DISTANCE REQUIRED BETWEEN DOMES)
4" PREFERRED (7' MIN. DISTANCE REQUIRED BETWEEN DOMES).

④ THE "BUMP" IN BETWEEN THE RAMPS SHOULD NOT BE IN THE PATH OF TRAVEL FOR COMBINED DIRECTIONAL RAMPS. IF THIS OCCURS MODIFY THE RAMP LOCATION OR SWITCH RAMP TO A FAN/DEPRESSED CORNER.

⑤ WHEN USING CONCRETE PAVED FLARES ON THE OUTSIDE OF DIRECTIONAL RAMPS, AND ADJACENT TO A WALKABLE SURFACE, DIRECTIONAL RAMP FLARES SHALL BE USED. SEE THE DETAIL ON THIS SHEET.

⑥ GRADING SHALL ALWAYS BE USED WHEN FEASIBLE. V CURB, IF USED, SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS. WHEN ADJACENT TO PARKING LOTS, CONCRETE OR BITUMINOUS TAPERS SHOULD BE USED OVER V CURB TO REDUCE TRIPPING HAZARDS AND FACILITATE SNOW & ICE REMOVAL.

⑦ MAX. 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK AND DRAIN TO FLOW LINE. SHALL BE CONSTRUCTED INTEGRAL WITH CURB AND GUTTER.

⑧ 8% TO 10% WALKABLE FLARE.

⑨ PLACE DOMES AT THE BACK OF CURB WHEN ALLOWABLE SETBACK CRITERIA IS EXCEEDED.

⑩ FRONT EDGE OF DETECTABLE WARNING SHALL BE SET BACK 2' MAXIMUM WHEN ADJACENT TO WALKABLE SURFACE, AND 5' MAXIMUM WHEN ADJACENT TO NON-WALKABLE SURFACE WITH ONE CORNER SET 3" FROM BACK OF CURB. A WALKABLE SURFACE IS DEFINED AS A PAVED SURFACE ADJACENT TO A CURB RAMP WITHOUT RAISED OBSTACLES THAT COULD MISTAKENLY BE TRAVERSED BY A USER WHO IS VISUALLY IMPAIRED.

⑪ RECTANGULAR DETECTABLE WARNINGS MAY BE SETBACK UP TO 9" FROM THE BACK OF CURB WITH CORNERS SET 3" FROM BACK OF CURB. IF 9" SETBACK IS EXCEEDED USE RADIAL DETECTABLE WARNINGS.

⑫ FOR DIRECTIONAL RAMPS WITH THE DETECTABLE WARNINGS PLACED AT THE BACK OF CURB, THE DETECTABLE WARNINGS SHALL COVER THE ENTIRE WIDTH OF THE WALK/PATH. THIS ENSURES A DETECTABLE EDGE AND HELPS ELIMINATE THE CURB TAPER OBSTRUCTING THE PATH OF PEDESTRIAN TRAVEL.

⑬ THE CONCRETE WALK SHALL BE FORMED AND CONSTRUCTED PERPENDICULAR TO THE BACK OF CURB. MAINTAIN 3" BETWEEN EDGE OF DOMES AND EDGE OF CONCRETE.

⑭ TO BE USED FOR ALL DIRECTIONAL RAMPS, EXCEPT WHERE DOMES ARE PLACED ALONG THE BACK OF CURB.

⑮ PLACE 2 NO. 4 BARS 4 INCHES FROM SIDE OF FORMS WITH A MINIMUM 2 INCHES OF CONCRETE COVER ALONG EACH SIDE OF FLARE (INCIDENTAL).

LEGEND

THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.

(S) 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%.

(F) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.

LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.

X" CURB HEIGHT

REVISION:

APPROVED: 11-04-2021
JEFFREY J. PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 | 2 OF 6

APPROVED: 11-04-2021
REVISED:
THOMAS J. STYRBICKI
STATE DESIGN ENGINEER

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

DATE	REVISION

Nov 22, 2024 - 10:46am
C:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkum St 25-02\Plan Drawings\Details.dwg

City of RAMSEY

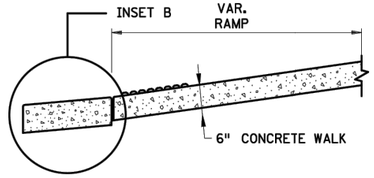
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

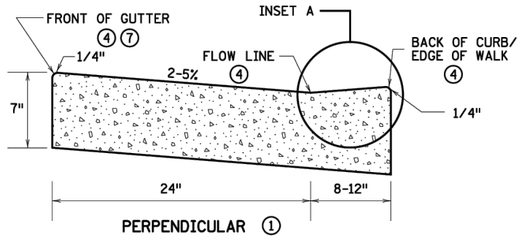
MNDOT PEDESTRIAN RAMP DETAILS

S.A.P. 199-104-015

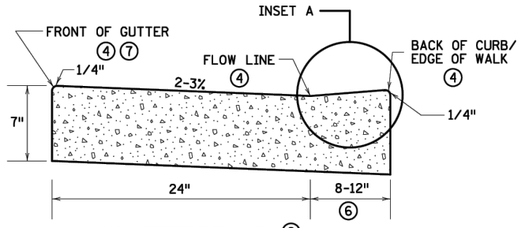
SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 09 OF 25 SHEETS

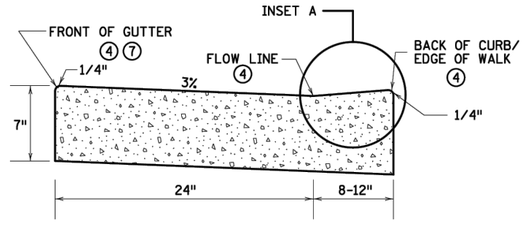




PERPENDICULAR ①

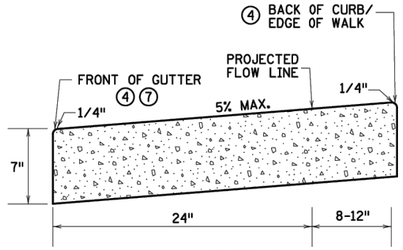


NON PERPENDICULAR ②



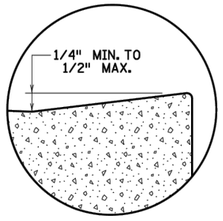
FOR CURB MACHINE PLACEMENT AROUND RADIUS ③
(REGARDLESS OF RAMP TYPE)

PEDESTRIAN ACCESS ROUTE CURB & GUTTER DETAIL

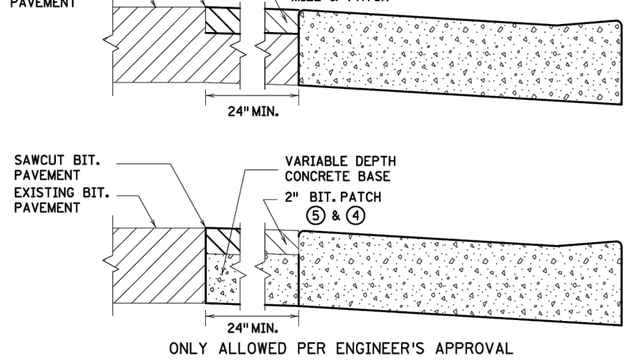


INSET B

OUTFLOW GUTTER ⑧



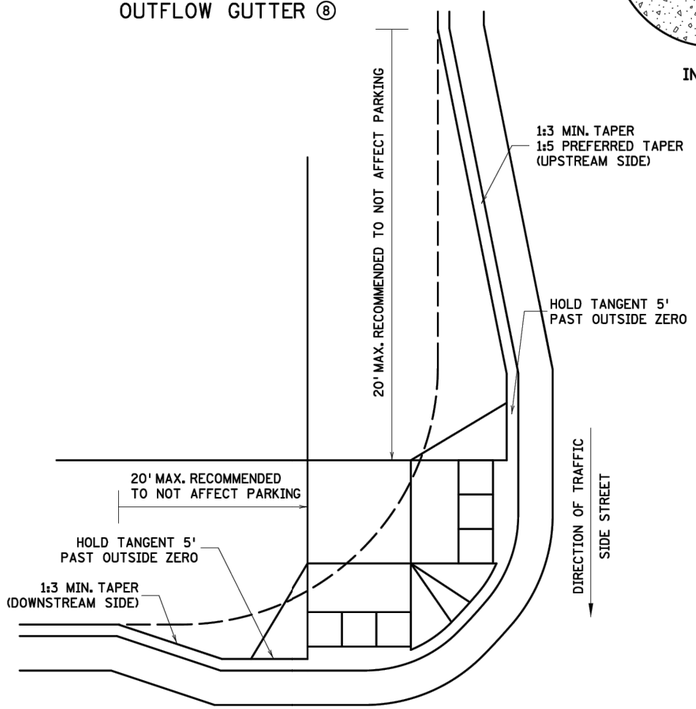
INSET A



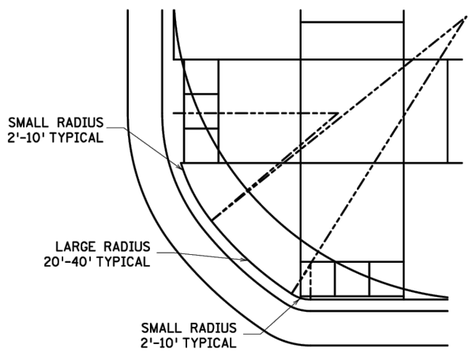
ONLY ALLOWED PER ENGINEER'S APPROVAL

PAVEMENT TREATMENT OPTIONS IN FRONT OF CURB & GUTTER

FOR USE ON CURB RAMP RETROFITS



ADA CURB EXTENSION WITH COMPOUND RADIUS (BUMP OUT) ⑪



COMBINED DIRECTIONAL ⑩
(COMPOUND RADIUS)

NOTES:

POSITIVE FLOW LINE DRAINAGE SHALL BE MAINTAINED THROUGH THE PEDESTRIAN ACCESS ROUTE (PAR) AT A 2% MAXIMUM.
NO PONDING SHALL BE PRESENT IN THE PAR.
ANY VERTICAL LIP THAT OCCURS AT THE FLOW LINE SHALL NOT BE GREATER THAN 1/4 INCH.

① FOR USE AT CURB CUTS WHERE THE PEDESTRIAN'S PATH OF TRAVEL IS ASSUMED PERPENDICULAR TO THE GUTTER FLOW LINE. RAMP TYPES INCLUDE: PERPENDICULAR, TIERED PERPENDICULAR, PARALLEL, AND DIAGONAL RAMPS.

② FOR USE AT CURB RAMPS WHERE THE PEDESTRIAN'S PATH OF TRAVEL IS ASSUMED NON PERPENDICULAR TO THE GUTTER FLOW LINE. RAMP TYPES INCLUDE: FANS & DEPRESSED CORNERS.

③ BEGIN GUTTER SLOPE TRANSITION 10' OUTSIDE OF ALL CURB RAMPS.

④ THERE SHALL BE NO VERTICAL DISCONTINUITIES GREATER THAN 1/4".

⑤ ELEVATION CHANGE TAKES PLACE FROM THE EXISTING TO NEW FRONT OF GUTTER. PATCH IS USED TO MATCH THE NEW GUTTER FACE INTO THE EXISTING ROADWAY.

⑥ VARIABLE WIDTH FOR DIRECTIONAL CURB APPLICATIONS. SEE SHEET 2 FOR DIRECTIONAL CURB SLOPE REQUIREMENTS.

⑦ TOP FRONT OF GUTTER SHALL BE CONSTRUCTED FLUSH WITH PROPOSED ADJACENT PAVEMENT ELEVATION. TOP 1.5" OF THE GUTTER FACE MUST BE A FORMED EDGE. PAR GUTTER SHALL NOT BE OVERLAID.

⑧ SHOULD BE USED AT VERTICALLY CONSTRAINED AREAS WHEN AT A DRAINAGE HIGH POINT OR SUPER ELEVATED ROADWAY SEGMENTS.

⑨ DRILL AND GROUT NO. 4 EPOXY-COATED 18" LONG TIE BARS AT 30" CENTER TO CENTER INTO EXISTING CONCRETE PAVEMENT 1' MINIMUM FROM ALL JOINTS.

⑩ HELPS PROVIDE TWO SEPARATE RAMPS, REDUCES THE DOME SETBACK LENGTH AND MINIMIZES DIRECTIONAL CURB. THIS RADIUS DESIGN CLOSELY FOLLOWS THE TURNING VEHICLE PATH WHILE OPTIMIZING CURB RAMP LENGTH.

⑪ CURB EXTENSIONS SHOULD BE USED IN VERTICALLY CONSTRAINED AREAS, USUALLY IN DOWNTOWN ROADWAY SEGMENTS WHERE ON-STREET PARKING IS AVAILABLE. CURB EXTENSIONS SHOULD BE CONSIDERED FOR APS INTERSECTIONS WHERE SPACE IS LIMITED.
PUSH BUTTONS MUST MEET APS CRITERIA AS DESCRIBED IN THE PUSH BUTTON LOCATION DETAIL SHEET.

REVISION:

APPROVED: 11-04-2021

JEFFREY J. PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

THOMAS STYRBICKI
STATE DESIGN ENGINEER

STANDARD PLAN 5-297.250 | 3 OF 6

APPROVED: 11-04-2021
REVISED:

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

DATE	REVISION

Nov 22, 2024 - 10:46am
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City of RAMSEY

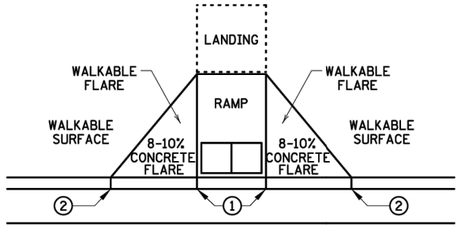
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

MNDOT PEDESTRIAN RAMP DETAILS

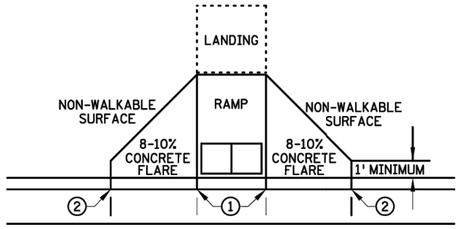
S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

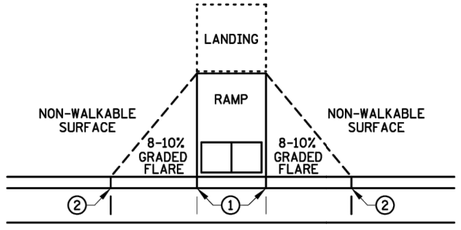
SHEET 10 OF 25 SHEETS



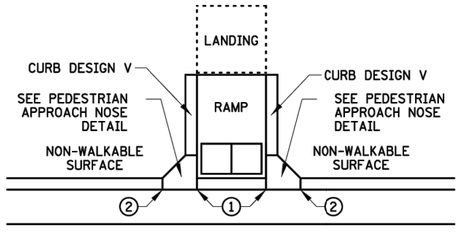
PAVED FLARES
ADJACENT TO WALKABLE SURFACE



PAVED FLARES
ADJACENT TO NON-WALKABLE SURFACE

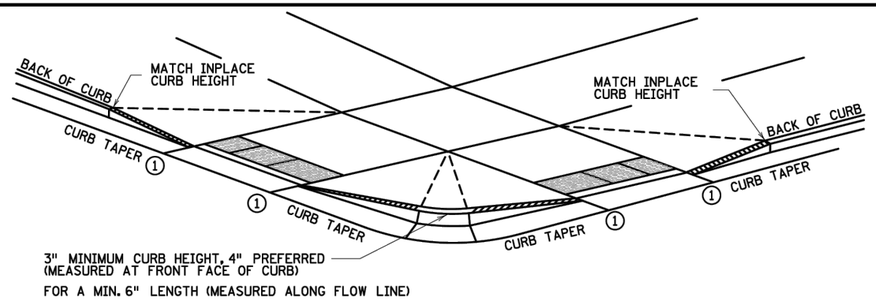


GRADED FLARES

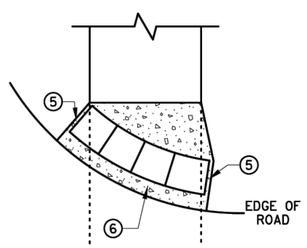


RETURNED CURB ④

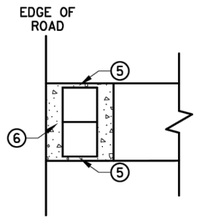
TYPICAL SIDE TREATMENT OPTIONS ③ ⑩



DETECTABLE EDGE WITH ⑦
CURB AND GUTTER

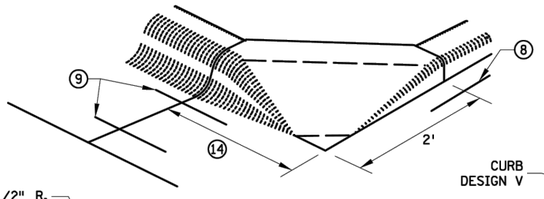


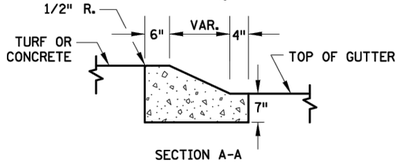
RADIAL DETECTABLE WARNING



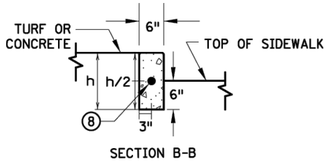
RECTANGULAR DETECTABLE WARNING

DETECTABLE EDGE WITHOUT CURB AND GUTTER

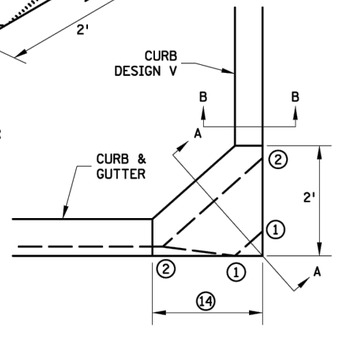




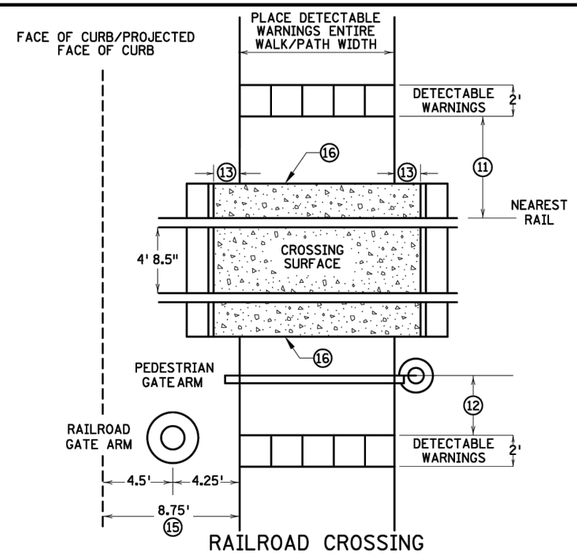
SECTION A-A



SECTION B-B



PEDESTRIAN APPROACH
NOSE DETAIL
(FOR RETURNED CURB
SIDE TREATMENT)



RAILROAD CROSSING
PLAN VIEW

NOTES:

INTERMEDIATE CURB HEIGHTS TAPER SHALL RISE AT 8-10% TO A MINIMUM 3 INCH CURB HEIGHT. INCREASE CURB TAPER LENGTH AT LESS THAN 8% OR REDUCE INTERMEDIATE CURB HEIGHT TO 2+ INCHES IF NECESSARY TO MATCH ADJACENT BOULEVARD OR SIDEWALK GRADES.

SEE STANDARD PLATE 7038 AND THIS SHEET FOR ADDITIONAL DETAILS ON DETECTABLE WARNING.

A WALKABLE SURFACE IS DEFINED AS A PAVED SURFACE ADJACENT TO A CURB RAMP WITHOUT RAISED OBSTACLES THAT COULD MISTAKENLY BE TRAVERSED BY A USER WHO IS VISUALLY IMPAIRED.

CONCRETE FLARE LENGTHS ADJACENT TO NON-WALKABLE SURFACES SHOULD BE LESS THAN 8' LONG MEASURED ALONG THE RAMPS FROM THE BACK OF CURB.

① 0" CURB HEIGHT. SEE INSET A ON SHEET 3 OF 6.

② FULL CURB HEIGHT.

③ SIDE TREATMENTS ARE APPLICABLE TO ALL RAMP TYPES AND SHOULD BE IMPLEMENTED AS NEEDED AS FIELD CONDITIONS DICTATE. THE ENGINEER SHALL DETERMINE THE RAMP SIDE TREATMENTS BASED ON MAINTENANCE OF BOTH ROADWAY AND SIDEWALK, ADJACENT PROPERTY CONSIDERATIONS, AND MITIGATING CONSTRUCTION IMPACTS.

④ TYPICALLY USED FOR MEDIANS AND ISLANDS.

⑤ WHEN NO CONCRETE FLARES ARE PROPOSED, THE CONCRETE WALK SHALL BE FORMED AND CONSTRUCTED PERPENDICULAR TO THE EDGE OF ROADWAY. MAINTAIN 3" MAX. BETWEEN EDGE OF DOMES AND EDGE OF CONCRETE.

⑥ IF NO CURB AND GUTTER IS PLACED IN RURAL SECTIONS, DETECTABLE WARNINGS SHALL BE PLACED 1' FROM THE EDGE OF BITUMINOUS ROADWAY AND/OR BITUMINOUS SHARED-USE PATH TO PROVIDE VISUAL CONTRAST.

⑦ ALL CONSTRUCTED CURBS MUST HAVE A CONTINUOUS DETECTABLE EDGE FOR THE VISUALLY IMPAIRED. THIS DETECTABLE EDGE REQUIRES DETECTABLE WARNINGS WHEREVER THERE IS ZERO-INCH HIGH CURB. CURB TAPERS ARE CONSIDERED A DETECTABLE EDGE WHEN THE TAPER STARTS WITHIN 3" OF THE EDGE OF THE DETECTABLE WARNINGS. AND UNIFORMLY RISES TO A 3-INCH MINIMUM CURB HEIGHT. ANY CURB NOT PART OF A CURB TAPER AND LESS THAN 3 INCHES IN HEIGHT IS NOT CONSIDERED A DETECTABLE EDGE AND THEREFORE IS NOT COMPLIANT WITH ACCESSIBILITY STANDARDS.

⑧ DRILL AND GROUT 1 - NO. 4 12" LONG REINFORCEMENT BAR (EPOXY COATED) WITH 3" MIN. COVER. REINFORCEMENT BARS ARE NOT NEEDED IF THE APPROACH NOSE IS POURED INTEGRAL WITH THE V CURB.

⑨ DRILL AND GROUT 2 - NO. 4 12" LONG REINFORCEMENT BARS (EPOXY COATED) WITH 3" MIN. COVER. REINFORCEMENT BARS ARE NOT NEEDED IF THE APPROACH NOSE IS POURED INTEGRAL WITH THE CURB AND GUTTER.

⑩ SIDE TREATMENT EXAMPLES SHOWN ARE WHEN THE INITIAL LANDING IS APPROXIMATELY LEVEL WITH THE FULL HEIGHT CURB (I.E. 6' LONG RAMP FOR 6" HIGH CURB). WHEN THE INITIAL LANDING IS MORE THAN 1" BELOW FULL HEIGHT CURB REFER TO SHEETS 1 & 2 TO MODIFY THE CURB HEIGHT TAPERS AND MAINTAIN POSITIVE BOULEVARD DRAINAGE. CONSTRUCT THESE TAPERS AT 0"-3" AT 8-10%, THEN LESS THAN 5% FROM 3" CURB TO FULL CURB HEIGHT.

⑪ NEAREST EDGE OF DETECTABLE WARNING SURFACES SHALL BE PLACED 12' MINIMUM TO 15' MAXIMUM FROM THE NEAREST RAIL. FOR SKEWED RAILWAYS IN NO INSTANCE SHALL THE DETECTABLE WARNING BE CLOSER THAN 12' MEASURED PERPENDICULAR TO THE NEAREST RAIL.

⑫ WHEN PEDESTRIAN GATES ARE PROVIDED, DETECTABLE WARNING SURFACES SHALL BE PLACED ON THE SIDE OF THE GATES OPPOSITE THE RAIL, 2' FROM THE APPROACHING SIDE OF THE GATE ARM. THIS CRITERIA GOVERNS OVER NOTE ⑪.

⑬ CROSSING SURFACE SHALL EXTEND 2' MINIMUM PAST THE OUTSIDE EDGE OF WALK OR SHARED-USE PATH.

⑭ 3' FOR MEDIANS AND SPLITTER ISLANDS. NOSE CAN BE REDUCED TO 2' ON FREE RIGHT ISLANDS.

⑮ SIDEWALK TO BE PLACED 8.75' MIN. FROM THE FACE OF CURB/PROJECTED FACE OF CURB. THIS ENSURES MIN. CLEARANCE BETWEEN THE SIDEWALK AND GATE ARM COUNTERWEIGHT SUPPORTS.

⑯ CONSTRUCT WITH EXPANSION MATERIAL PER MNDOT SPECIFICATION 3702 TYPES A-E. EXPANSION MATERIAL SHALL MATCH FULL HEIGHT OF ADJACENT CONCRETE.

REVISION:

APPROVED: 11-04-2021
JEFFREY D. PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 | 4 OF 6

APPROVED: 11-04-2021
REVISED:
THOMAS J. STYRBICKI
STATE DESIGN ENGINEER

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

DATE	REVISION

Nov 22, 2024 - 10:47am
G:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Details.dwg

City of RAMSEY

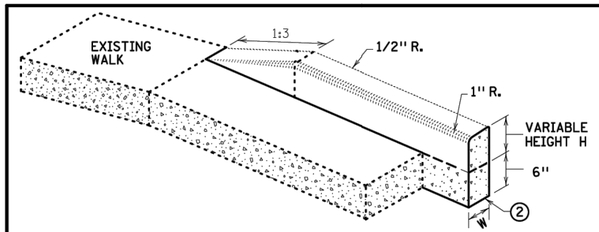
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

MNDOT PEDESTRIAN RAMP DETAILS

S.A.P. 199-104-015

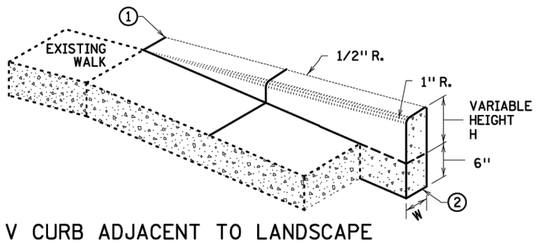
SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 11 OF 25 SHEETS



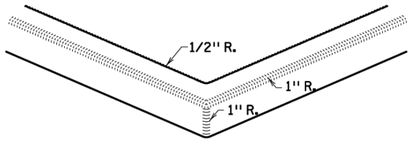
V CURB ADJACENT TO LANDSCAPE

CURB WITHIN SIDEWALK LIMITS

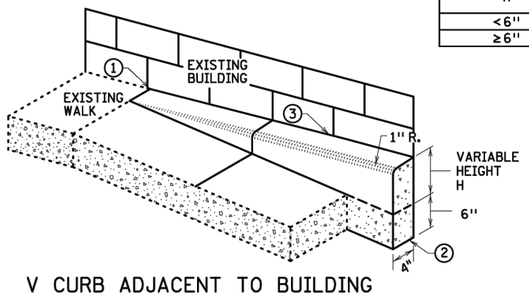


V CURB ADJACENT TO LANDSCAPE

CURB OUTSIDE SIDEWALK LIMITS

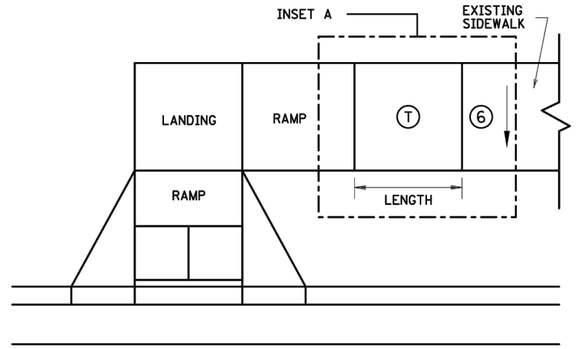


V CURB INTERSECTION

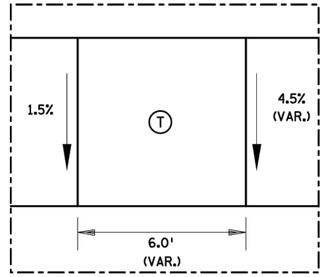


V CURB ADJACENT TO BUILDING OR BARRIER

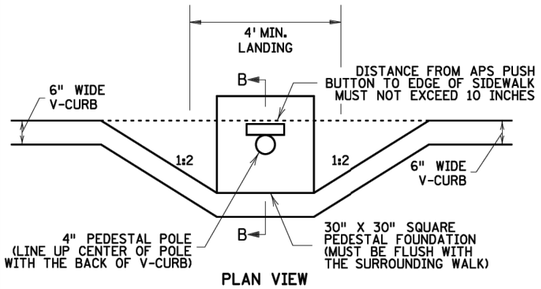
CONCRETE CURB DESIGN V	
CURB HEIGHT H	CURB WIDTH W
< 6"	4"
≥ 6"	6"



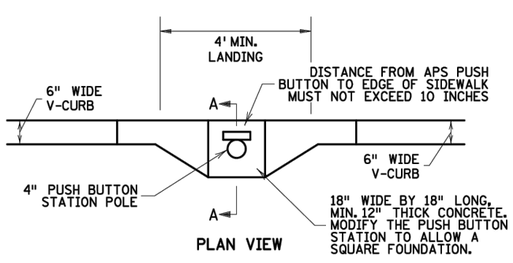
TRANSITION PANEL ④⑤



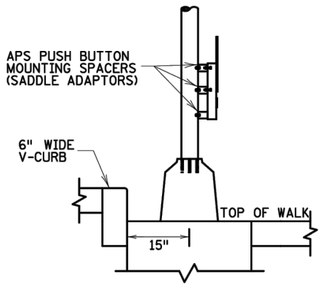
INSET A



PLAN VIEW

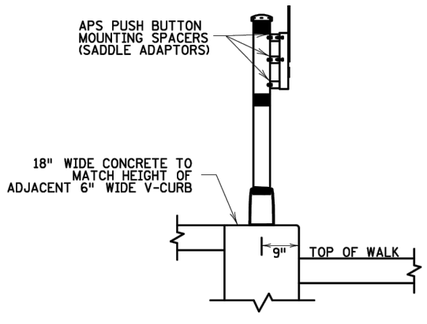


PLAN VIEW



SECTION B-B

SIGNAL PEDESTAL & PUSH BUTTON (V-CURB)



SECTION A-A

PUSH BUTTON STATION (V-CURB)

NOTES:

A WALKABLE FLARE IS AN 8-10% CONCRETE FLARE THAT IS REQUIRED WHEN THE FLARE IS ADJACENT TO A WALKABLE SURFACE, OR WHEN THE PEDESTRIAN PATH OF TRAVEL OF A PUSH BUTTON TRAVERSES THE FLARE.

ALL V CURB CONTRACTION JOINTS SHALL MATCH CONCRETE WALK JOINTS.

WHERE RIGHT-OF-WAY ALLOWS, USE OF V CURB SHOULD BE MINIMIZED. GRADING ADJACENT TURF OR SLOPING ADJACENT PAVEMENT IS PREFERRED.

V CURB SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS.

V CURB NEXT TO BUILDING SHALL BE A 4" WIDTH AND SHALL MATCH PREVIOUS TOP OF SIDEWALK ELEVATIONS.

① END TAPERS AT TRANSITION SECTION SHALL MATCH INPLACE SIDEWALK GRADES.

② ALL V CURB SHALL MATCH BOTTOM OF ADJACENT WALK.

③ CONSTRUCT USING APPROVED EXPANSION MATERIAL PER MNDOT TYPE A-E EXPANSION. LEAVE A MINIMUM ½" TOP GAP AND SEAL WITH MNDOT APPROVED SILICONE PER MNDOT SPEC 3722.

④ THE MAX. RATE OF CROSS SLOPE TRANSITIONING IS 1' LINEAR FOOT OF SIDEWALK PER HALF PERCENT CROSS SLOPE. WHEN PAR WIDTH IS GREATER THAN 6' OR THE RUNNING SLOPE IS GREATER THAN 5%, DOUBLE THE CALCULATED TRANSITION LENGTH.

⑤ TRANSITION PANELS ARE TO ONLY BE USED AFTER THE RAMP, OR IF NEEDED, LANDING ARE AT THE FULL CURB HEIGHT (TYPICAL SECTION).

⑥ EXISTING CROSS SLOPE GREATER THAN 2.0%.

LEGEND

THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.

Ⓢ 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%.

LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.

Ⓣ TRANSITION PANEL(S) - TO BE USED FOR TRANSITIONING THE CROSS-SLOPE OF A RAMP TO THE EXISTING WALK CROSS-SLOPE. RATE OF TRANSITION SHOULD BE 0.5% PER 1 LINEAR FOOT OF WALK. SEE THIS SHEET FOR ADDITIONAL INFORMATION.

REVISION:

APPROVED: 11-04-2021

JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

THOMAS CZYRBICKI
STATE DESIGN ENGINEER

STANDARD PLAN 5-297.250 | 5 OF 6

APPROVED: 11-04-2021
REVISED:

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

DATE	REVISION

Nov 22, 2024 - 10:47am
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City of RAMSEY

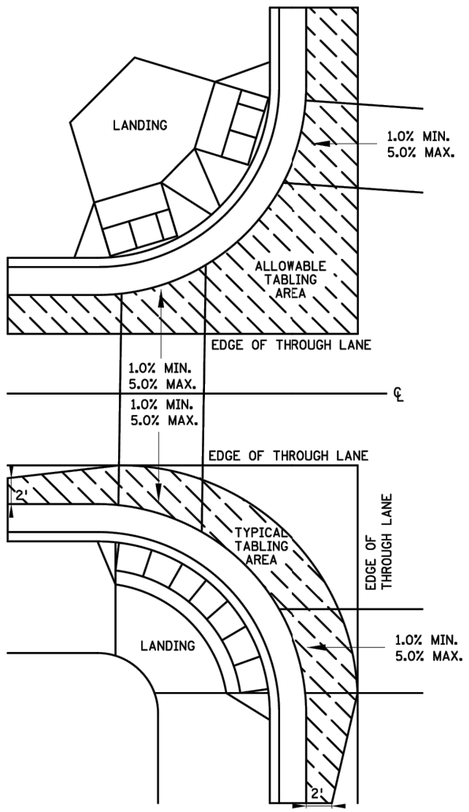
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

MNDOT PEDESTRIAN RAMP DETAILS

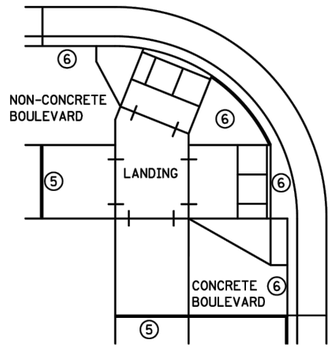
S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

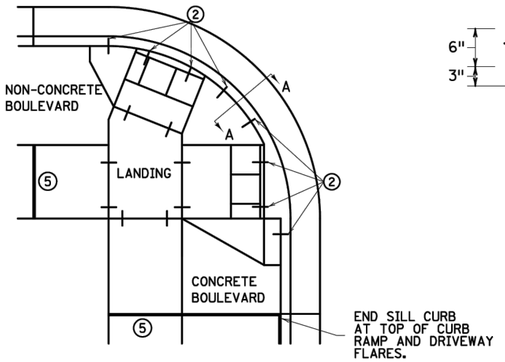
SHEET 12 OF 25 SHEETS



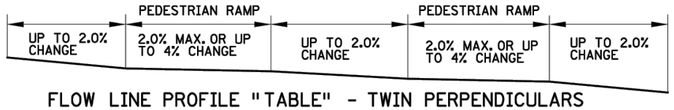
CURB LINE AND ROAD CROSSING ADJUSTMENTS



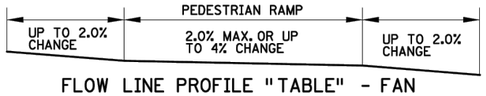
EXPANSION MATERIAL PLACEMENT
FOR CONCRETE ROADWAYS



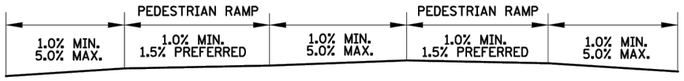
CURB LINE REINFORCEMENT ④
PLACEMENT ON BITUMINOUS ROADWAYS



FLOW LINE PROFILE "TABLE" - TWIN PERPENDICULARS

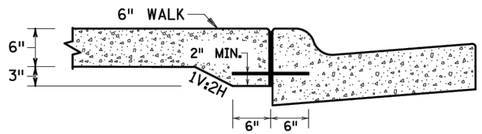


FLOW LINE PROFILE "TABLE" - FAN

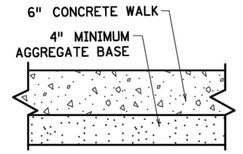


FLOW LINE PROFILE RAISE - TWIN PERPENDICULARS

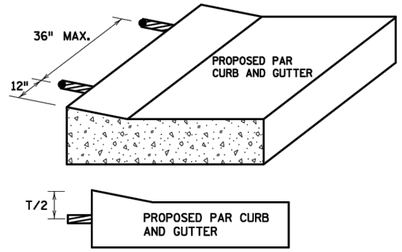
FLOW LINE PROFILE RAISE - FAN



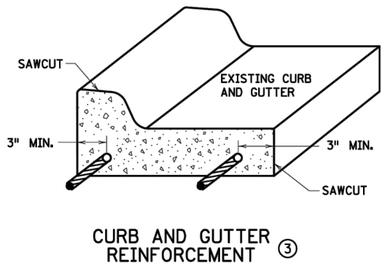
SECTION VIEW A-A
THICKENED SECTION
THROUGH CURB RAMP FLARES



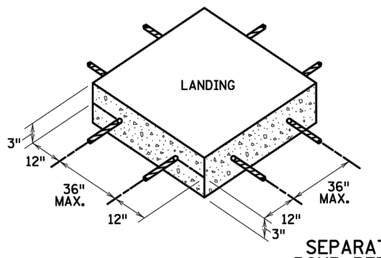
TYPICAL SIDEWALK SECTION
WITHIN INTERSECTION CORNER

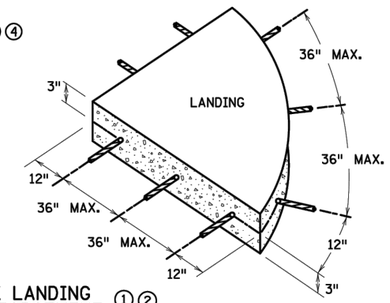


CURB RAMP REINFORCEMENT DETAILS ②④



CURB AND GUTTER
REINFORCEMENT ③





SEPARATE LANDING
POUR REINFORCEMENT ①②

GENERAL NOTES:

"TABLING" OF CROSSWALKS MEANS MAINTAINING LESS THAN 2% CROSS SLOPE WITHIN A CROSSWALK, IS REQUIRED WHEN A ROADWAY IS IN A STOP OR YIELD CONDITION AND THE PROJECT SCOPE ALLOWS.

RECONSTRUCTION PROJECTS: ON FULL PAVEMENT REPLACEMENT PROJECTS "TABLING" OF ENTIRE CROSSWALK SHALL OCCUR WHEN FEASIBLE.

MILL & OVERLAY PROJECTS: "TABLING" OF FLOW LINES, IN FRONT OF THE PEDESTRIAN RAMP, IS REQUIRED WHEN THE EXISTING FLOW LINE IS GREATER THAN 2%. WARPING OF THE BITUMINOUS PAVEMENT CAN NOT EXTEND INTO THE THROUGH LANE. TABLE THE FLOW LINE TO 2% OR AS MUCH AS POSSIBLE WHILE ADHERING TO THE FOLLOWING CRITERIA;

1) 1.0% MIN. CROSS-SLOPE OF THE ROAD
2) 5.0% MAX. CROSS-SLOPE OF THE ROAD
3) "TABLE" FLOW LINE UP TO 4% CHANGE FROM EXISTING SLOPE IN FRONT OF PEDESTRIAN RAMP
4) UP TO 2% CHANGE IN FLOW LINE FROM EXISTING SLOPE BEYOND THE PEDESTRIAN CURB RAMP

STAND-ALONE ADA RETROFITS: FOLLOW MILL & OVERLAY CRITERIA ABOVE HOWEVER ALL PAVEMENT WARPING IS DONE WITH BITUMINOUS PATCHING ON BITUMINOUS ROADWAYS AND FULL-DEPTH APRON REPLACEMENT ON CONCRETE ROADWAYS.

RAISING OF CURB LINES SHOULD OCCUR IN VERTICALLY CONSTRAINED AREAS. RAISE THE CURB LINES ENOUGH TO ALLOW COMPLIANT RAMPS OR AS MUCH AS POSSIBLE WHILE ADHERING TO THE FOLLOWING CRITERIA;

1) 1.0% MIN. AND 5.0% MAXIMUM CROSS-SLOPE OF THE ROAD
2) 1.0% MIN. FLOW LINE (ON EITHER SIDE OF PEDESTRIAN RAMP) TO MAINTAIN POSITIVE DRAINAGE
3) 5.0% RECOMMENDED MAX. FLOW LINE
4) LONGITUDINAL THROUGH LANE ROADWAY TAPERS SHOULD BE 1" VERTICAL PER 15' HORIZONTAL

NOTES:

① TO ENSURE RAMPS AND LANDINGS ARE PROPERLY CONSTRUCTED, ALL INITIAL LANDINGS AT A TOP OF A RAMPED SURFACE (RUNNING SLOPE GREATER THAN 2%) SHALL BE FORMED AND PLACED SEPARATELY IN AN INDEPENDENT CONCRETE POUR. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON THIS SHEET FOR ALL SEPARATELY POURED INITIAL LANDINGS.

② DRILL AND GROUT NO. 4 12" LONG REINFORCEMENT BARS (EPOXY COATED) AT 36" MAXIMUM CENTER TO CENTER MINIMUM 12" SPACING FROM CONSTRUCTION JOINTS. BARS TO BE ADJUSTED TO MATCH RAMP GRADE. BARS TO BE PAID BY EACH.

③ DRILL AND GROUT 2 - NO. 4 X 12" LONG (6" EMBEDDED) REINFORCEMENT BARS (EPOXY COATED). REINFORCEMENT REQUIRED FOR ALL CONSTRUCTION JOINTS. BARS TO BE PAID BY EACH.

④ THIS CURB LINE REINFORCEMENT DETAIL SHALL BE USED ON BITUMINOUS ROADWAYS. FOR CONCRETE ROADWAYS, SEE NOTE 6.

⑤ CONSTRUCT WITH EXPANSION MATERIAL PER MNDOT SPECIFICATION 3702 TYPES A-E. EXPANSION MATERIAL SHALL MATCH FULL HEIGHT OF ADJACENT CONCRETE.

⑥ USE AN APPROVED TYPE F (1/4 INCH THICK) SEPARATION MATERIAL. SEPARATION MATERIAL SHALL MATCH FULL HEIGHT DIMENSION OF ADJACENT CONCRETE.

REVISION:

APPROVED: 11-04-2021
JEFFREY PERKINS
OPERATIONS DIVISION

MINNESOTA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN 5-297.250 | 6 OF 6

APPROVED: 11-04-2021
REVISED:
THOMAS STYRBICKI
STATE DESIGN ENGINEER

PEDESTRIAN CURB RAMP DETAILS

STATE PROJ. NO. (TH) SHEET NO. OF SHEETS

DATE	REVISION

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City of RAMSEY

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

MNDOT PEDESTRIAN RAMP DETAILS

S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 13 OF 25 SHEETS

0 5 10 15
SCALE (FEET)

N

869.20
13'
FHC
3'
0" HC
868.87
F
869.10
3'
0" HC
868.99
FHC

FHC
0" HC
868.54
5'
3'
868.76
S
3'
4'
868.66
0" HC
868.40
FHC

SUNWOOD DR

GERMANIUM ST

FHC
0" HC
869.06
869.24
5'
3'
F
869.34
3'
0" HC
869.00
8'
FHC

FHC
0" HC
868.30
3'
7'
868.63
0" HC
868.53
FHC
S
3'
7'
868.73

LEGEND

- (S) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.
- (F) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.
- LANDING AREA - 4'X4' MIN. DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS.
- CONCRETE
- BITUMINOUS PAVEMENT
- 2" BITUMINOUS OVERLAY
- TRUNCATED DOME
- DRAINAGE FLOW ARROW
- GUTTER LINE
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- P–BUR BURIED POWER
- C BURIED COMMUNICATIONS
- FO BURIED FIBRE OPTIC
- G BURIED GAS
- STREET LIGHT

DATE	REVISION

Nov 22, 2024 - 11:03am
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/22/24
CHECKED BY:	JJF	FILE:	25-02

City of RAMSEY

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

INTERSECTION DETAILS - SUNWOOD DR & GERMANIUM ST
S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 14 OF 25 SHEETS

0 5 10 15
SCALE (FEET)

N

FLUORINE ST

SUNWOOD DR

867.05
3'
FHC
0" HC
866.72
866.95
3'
0" HC
866.80
FHC

FHC
3'
0" HC
866.62
867.12
867.02
3'
FHC
0" HC
866.76

LEGEND

- (S) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.
- (F) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.
- LANDING AREA - 4'X4' MIN. DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS.
- CONCRETE
- BITUMINOUS PAVEMENT
- 2" BITUMINOUS OVERLAY
- TRUNCATED DOME
- DRAINAGE FLOW ARROW
- GUTTER LINE
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- P—BUR BURIED POWER
- C BURIED COMMUNICATIONS
- FO BURIED FIBRE OPTIC
- G—G—G—G—G BURIED GAS
- STREET LIGHT

0" HC
866.68
FHC
3' 3'
866.94
867.04
0" HC
866.60
FHC
3'
9'

866.96
3'
FHC
0" HC
866.64
867.06
3'
0" HC
866.56
8'
FHC

DATE	REVISION

Nov 22, 2024 - 12:37pm
G:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Intersection Details.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

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/22/24
CHECKED BY:	JJF	FILE: 25-02

City of RAMSEY

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

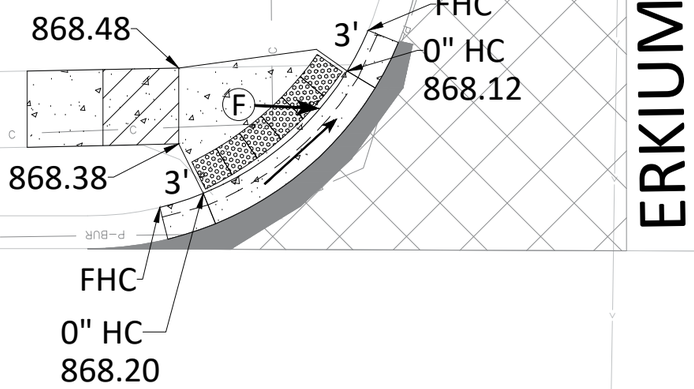
INTERSECTION DETAILS - SUNWOOD DR & FLUORINE ST
S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 15 OF 25 SHEETS

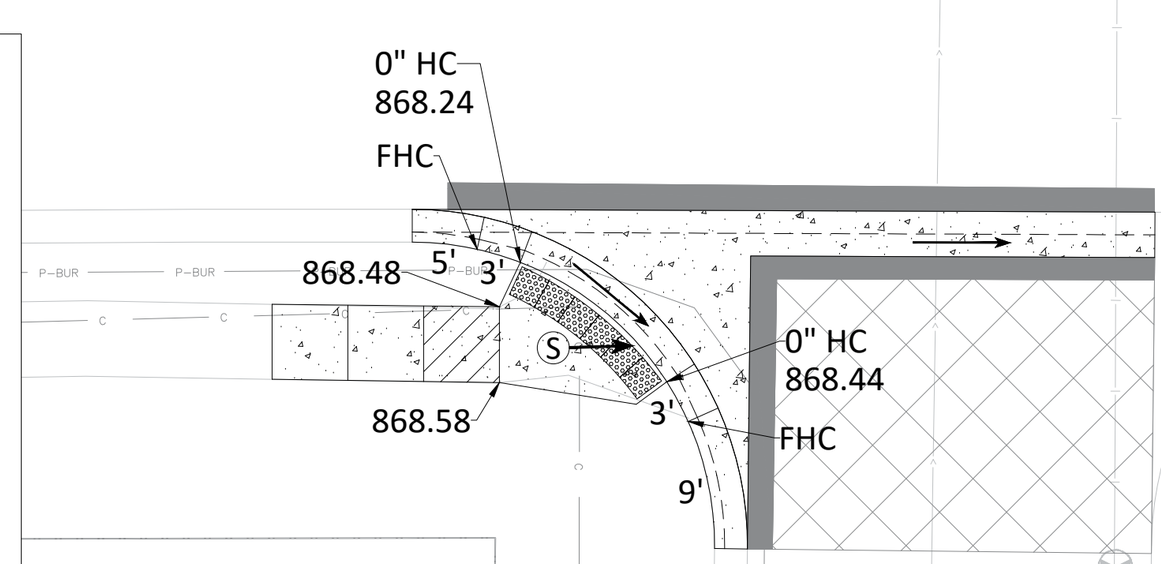
0 5 10 15
SCALE (FEET)

N



ERKIUM ST

SUNWOOD DR



LEGEND

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- (F) INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.
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- CONCRETE
- BITUMINOUS PAVEMENT
- 2" BITUMINOUS OVERLAY
- TRUNCATED DOME
- DRAINAGE FLOW ARROW
- GUTTER LINE
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- BURIED POWER
- BURIED COMMUNICATIONS
- BURIED FIBRE OPTIC
- BURIED GAS
- STREET LIGHT

DATE	REVISION

Nov 22, 2024 - 2:28pm
C:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Intersection Details.dwg

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JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

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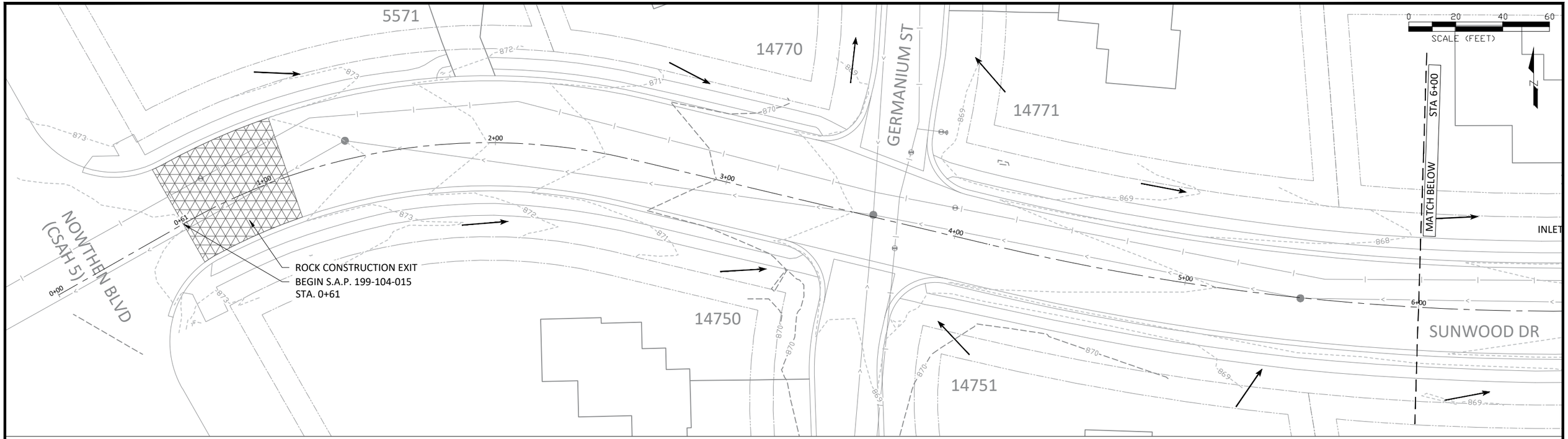
City of RAMSEY

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

INTERSECTION DETAILS - SUNWOOD DR & ERKIUM ST
S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

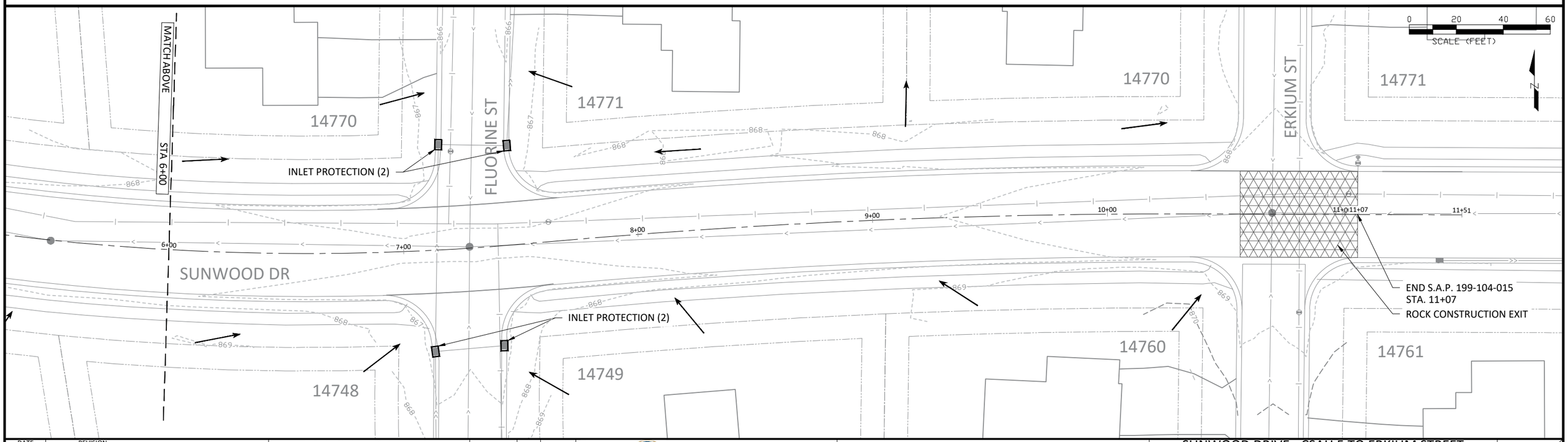
SHEET 16 OF 25 SHEETS



LEGEND

- INLET PROTECTION
- DRAINAGE ARROW
- CONSTRUCTION EXIT
- LOT LINE
- EASEMENT - DRAINAGE & UTILITY
- MINOR CONTOUR
- MAJOR CONTOUR

NOTE:
1. ROCK CONSTRUCTION EXITS MUST BE MAINTAINED THROUGHOUT THE PROJECT, THE CONTRACTOR WILL BE RESPONSIBLE FOR SWEEPING TRACKING ONTO ADJACENT STREETS WITHIN 3 HOURS OF NOTIFICATION BY THE CITY.



DATE	REVISION

Nov 22, 2024 - 11:08am
G:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Erosion Control.dwg

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JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

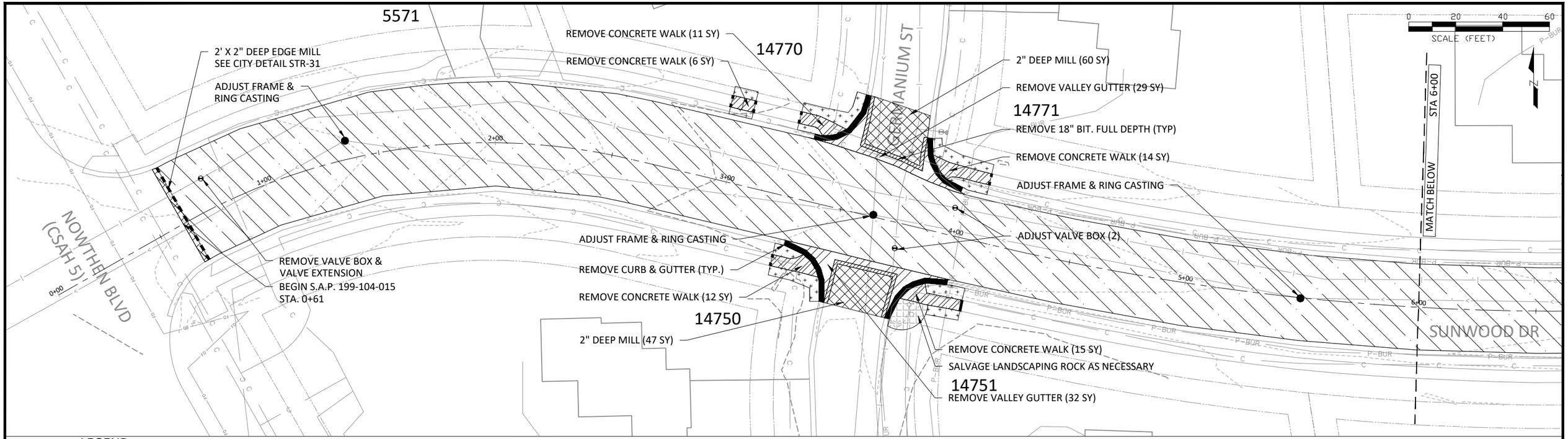
DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/22/24
CHECKED BY:	JJF	FILE:	25-02

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

EROSION CONTROL

S.A.P. 199-104-015

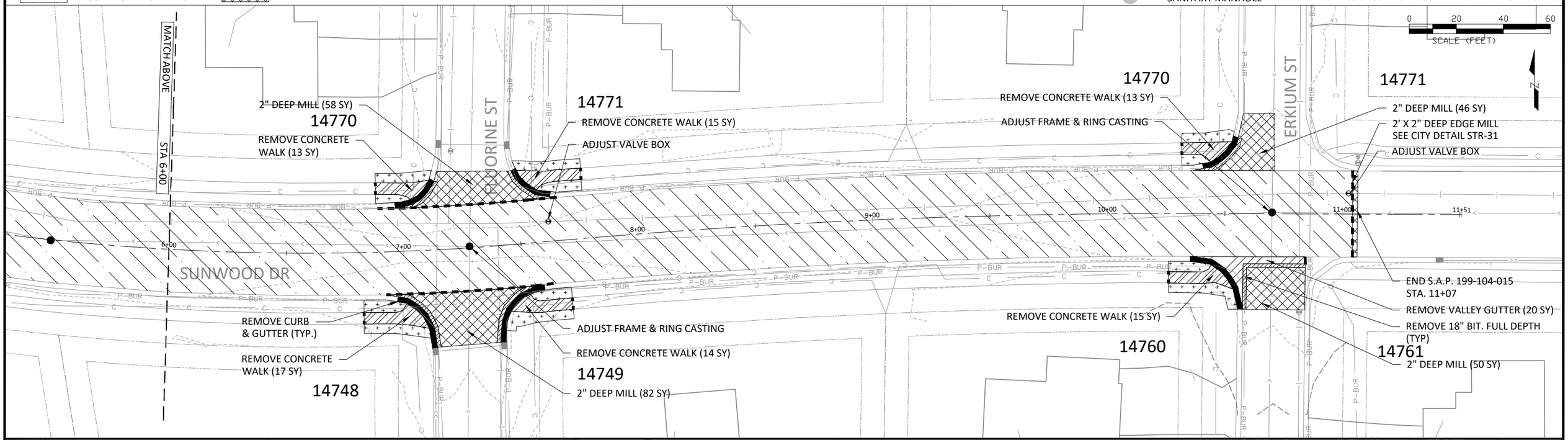
SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA



LEGEND

- SAWCUT - FULL DEPTH
- REMOVE CURB - CONCRETE
- COMMON EXCAVATION
- FULL DEPTH RECLAMATION
- REMOVE PAVEMENT - BITUMINOUS
- REMOVE CONCRETE VALLEY GUTTER
- MILL BITUMINOUS PAVEMENT - STREET TIE-IN
- REMOVE CONCRETE WALK
- LANDSCAPE - ROCK
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- MAJOR CONTOUR
- MINOR CONTOUR
- UNDERGROUND POWER
- COMMUNICATION LINE
- GAS LINE
- WATERMAIN
- SANITARY SEWER
- STORM SEWER
- WATERMAIN VALVE
- HYDRANT
- CATCH BASIN
- SANITARY MANHOLE

NOTE:
1. REMOVALS WILL BE MARKED IN THE FIELD BY CITY STAFF. ALL REMOVALS MUST BE SAWCUT.
2. PROTECT LANDSCAPING AND IRRIGATION. PROPERTY OWNERS ARE TO LOCATE AND MOVE IRRIGATION BEFORE CONSTRUCTION.
3. EROSION CONTROL MUST BE IN-PLACE PRIOR TO REMOVALS.



DATE	REVISION

Nov 22, 2024 - 1:41pm
C:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Removals.dwg

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JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/22/24
CHECKED BY:	JJF	FILE: 25-02

City of RAMSEY

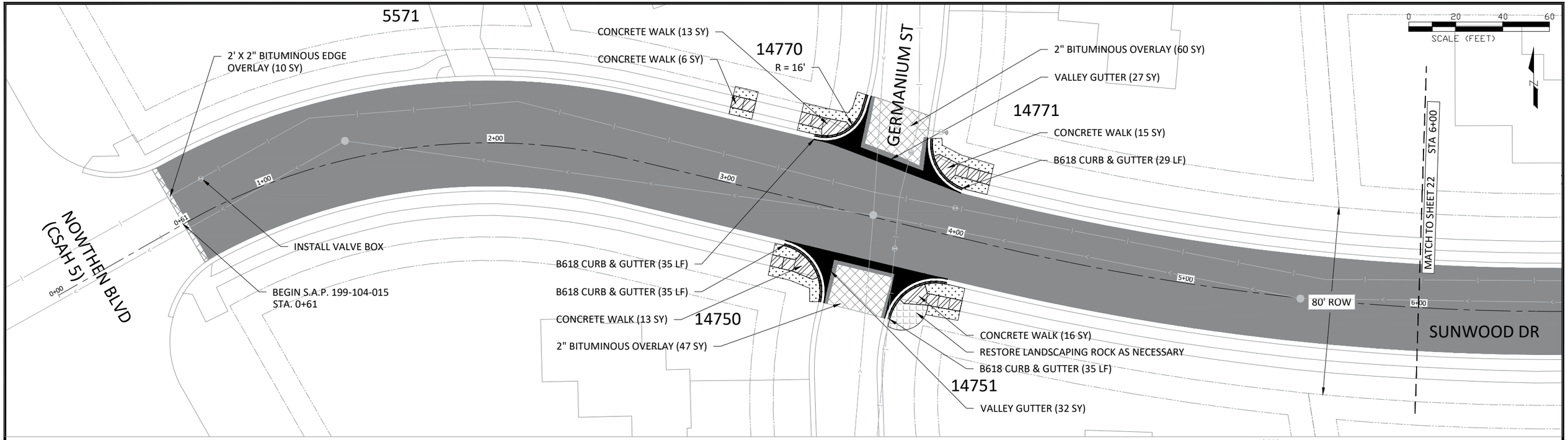
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

REMOVALS

S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 18 OF 25 SHEETS

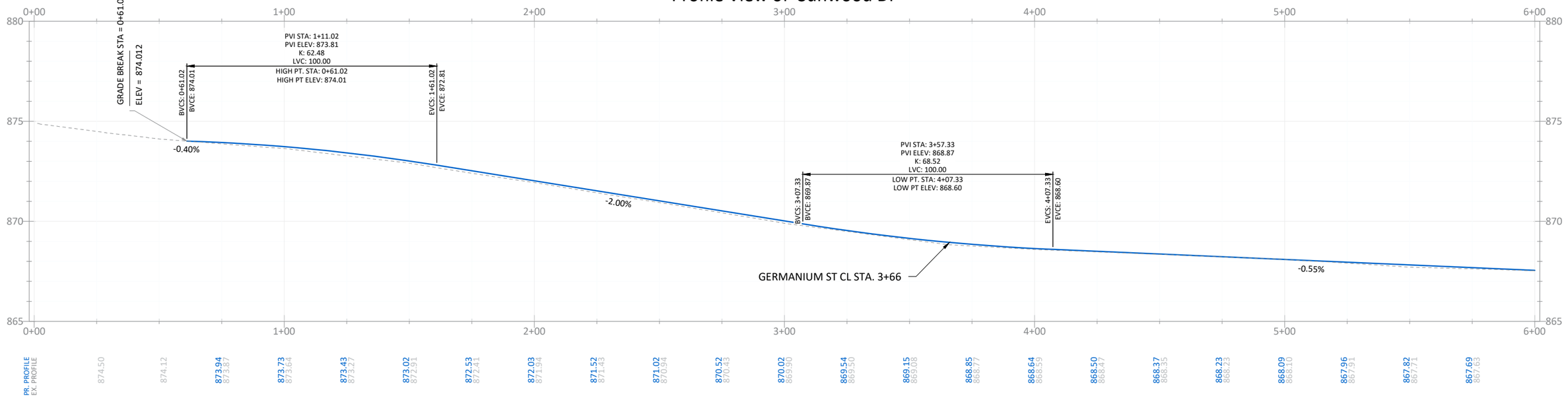


LEGEND

- BIT PAVEMENT
- 2" BITUMINOUS OVERLAY
- B618 CURB & GUTTER
- VALLEY GUTTER
- CONCRETE WALK
- SEEDING AREA
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- LANDSCAPE - ROCK
- SANITARY SEWER
- STORM SEWER
- WATERMAIN
- WATERMAIN VALVE
- HYDRANT
- CATCH BASIN
- SANITARY MANHOLE
- GROUT CATCH BASIN

NOTES:
1. ALL RADII TO BE CONSTRUCTED AT 20' UNLESS OTHERWISE NOTED.
2. TYPICAL SECTION SEE SHEET 05.
3. RESTORATION AREAS ARE SHOWN IN A GENERAL MANNER ONLY.
4. RESTORE ALL DISTURBED AREAS WITH 4" TOPSOIL, HYDROSEED, MNDOT SEED MIX 25-151, AND HYDRAULIC MATRIX TYPE MULCH UNLESS OTHERWISE NOTED.
5. CONSTRUCTION LIMITS BORDER ALL HATCHED AREAS ON PLAN VIEW.

Profile View of Sunwood Dr



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EX. PROFILE			873.87	873.64	873.27	872.91	872.41	871.94	871.43	870.94	870.43	869.90	869.50	869.08	868.77	868.59	868.47	868.35	868.23	868.10	867.91	867.71	867.63

DATE	REVISION

Dec 13, 2024 - 9:11am
G:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Street Improvements.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

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/22/24
CHECKED BY:	JJF	FILE: 25-02

City of RAMSEY

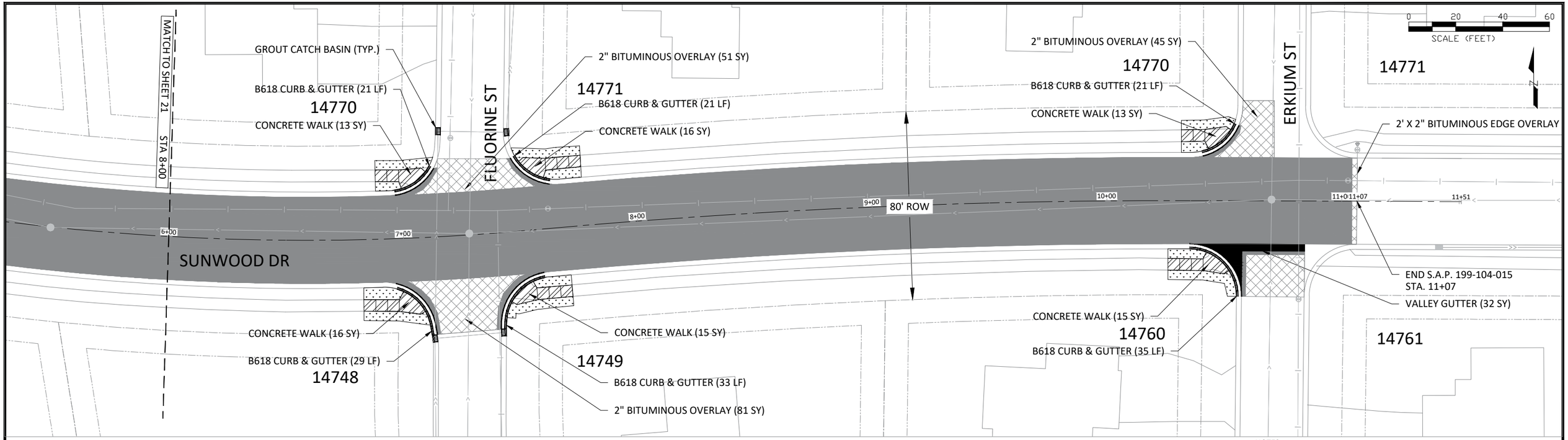
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

STREET CONSTRUCTION

S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 19 OF 25 SHEETS



LEGEND

- BIT PAVEMENT
- 2" BITUMINOUS OVERLAY
- B618 CURB & GUTTER
- VALLEY GUTTER
- CONCRETE WALK
- SEEDING AREA
- EASEMENT - DRAINAGE & UTILITY
- LOT LINE
- LANDSCAPE - ROCK
- SANITARY SEWER
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- WATERMAIN VALVE
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- CATCH BASIN
- SANITARY MANHOLE
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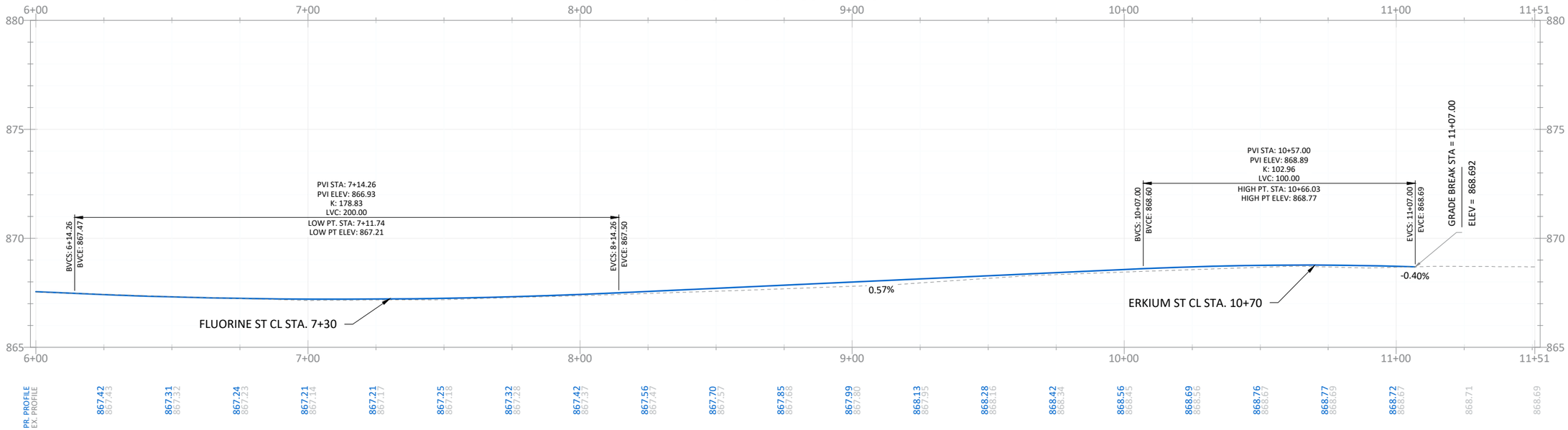
NOTES:
1. ALL RADII TO BE CONSTRUCTED AT 20' UNLESS OTHERWISE NOTED.
2. TYPICAL SECTION SEE SHEET 05.
3. RESTORATION AREAS ARE SHOWN IN A GENERAL MANNER ONLY.
4. RESTORE ALL DISTURBED AREAS WITH 4" TOPSOIL, HYDROSEED, MNDOT SEED MIX 25-151, AND HYDRAULIC MATRIX TYPE MULCH UNLESS OTHERWISE NOTED.
5. CONSTRUCTION LIMITS BORDER ALL HATCHED AREAS ON PLAN VIEW.

Profile View of Sunwood Dr



DATE	REVISION

Dec 13, 2024 - 9:10am
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Date 11/22/24 Lic. No. 57095

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CHECKED BY:	JJF	FILE: 25-02

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

STREET CONSTRUCTION

S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

LEGEND

STRIPING KEY & LEGEND

PAVEMENT MARKING

CROSSWALK MARKING

CIRCLE - EPOXY

1ST DIGIT WIDTH 4",8",ETC.

2ND DIGIT PATTERN S-SOLID B-BROKEN D-DOUBLE

3RD DIGIT COLOR W-WHITE Y-YELLOW B-BLACK

EXAMPLE: 4SW = 4" SOLID WHITE - EPOXY

5571

14770

14771

14750

14751

14748

14749

14760

14761

GERMANIUM ST

NOWTHEN BLVD (CSAH 5)

SUNWOOD DR

FLUORINE ST

ERKIUM ST

MATCH ABOVE

MATCH BELOW

4SW

4DY

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 10+00 11+00 11+51

(6) 3'x 8' CROSSWALK MARKING (MULTI-COMP)

0 20 40 60 SCALE (FEET)

N

DATE	REVISION

Nov 22, 2024 - 1:49pm
G:\Engineering\Aust\Cad Dwgs\Projects To Z\Sunwood Drive - CSAH 5 to Erkium St 25-02\Plan Drawings\Pavement Marking.dwg

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City of RAMSEY

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

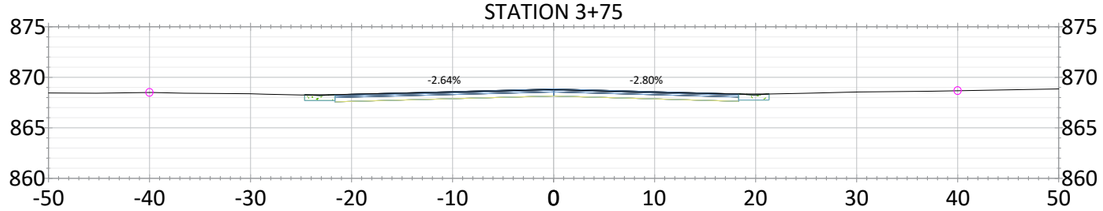
PAVEMENT MARKING

S.A.P. 199-104-015

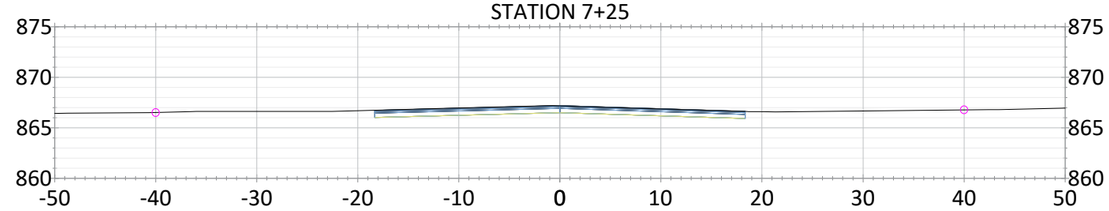
SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 21 OF 25 SHEETS

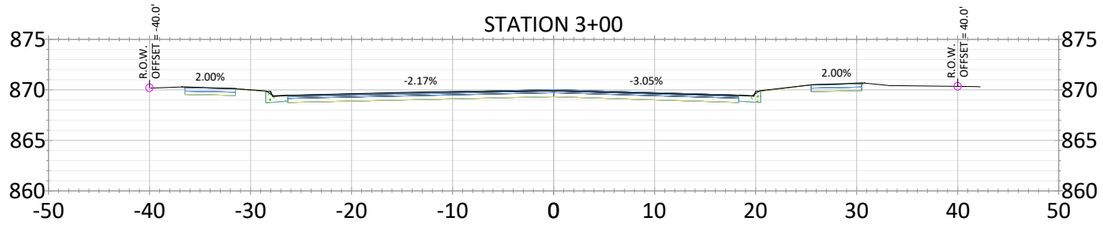
STATION 3+75



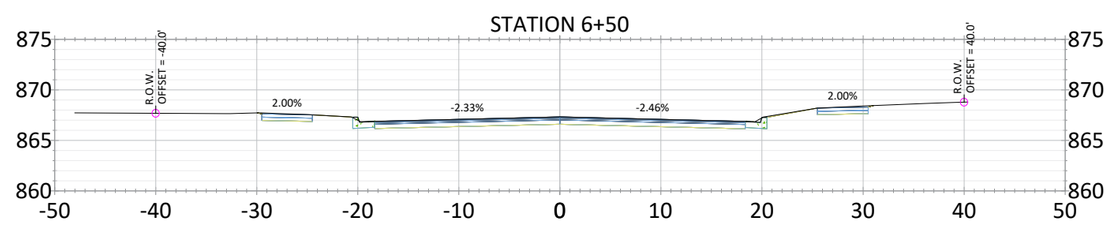
STATION 7+25



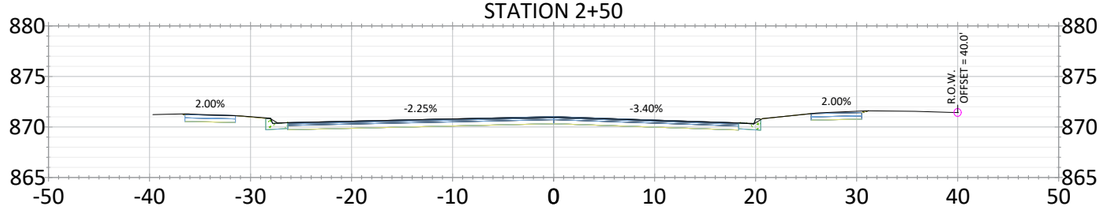
STATION 3+00



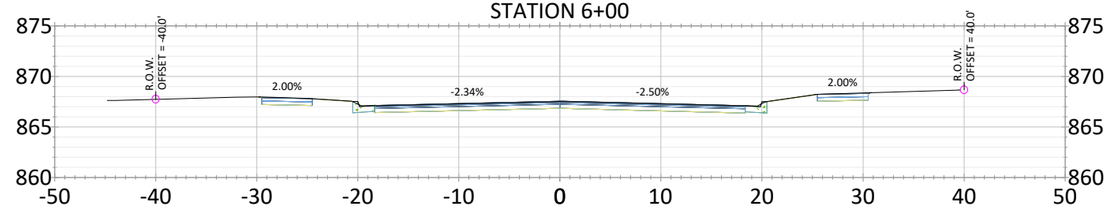
STATION 6+50



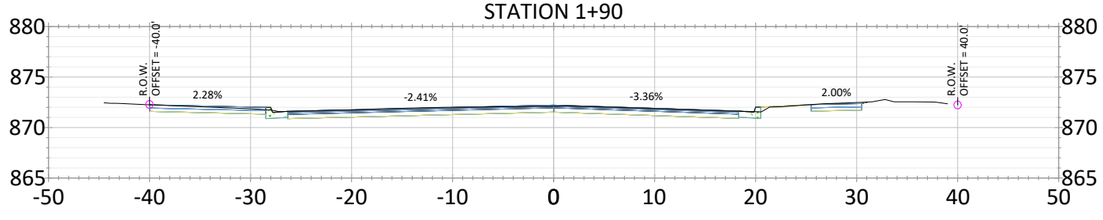
STATION 2+50



STATION 6+00



STATION 1+90



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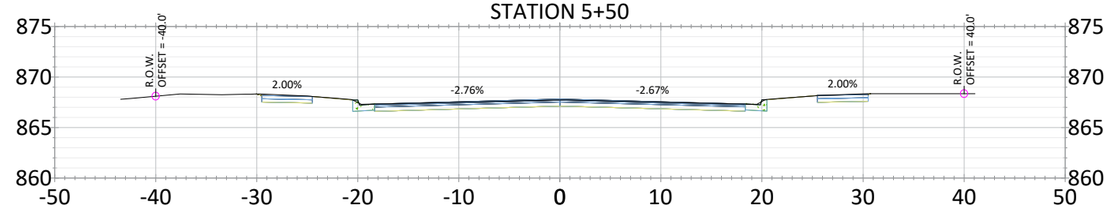

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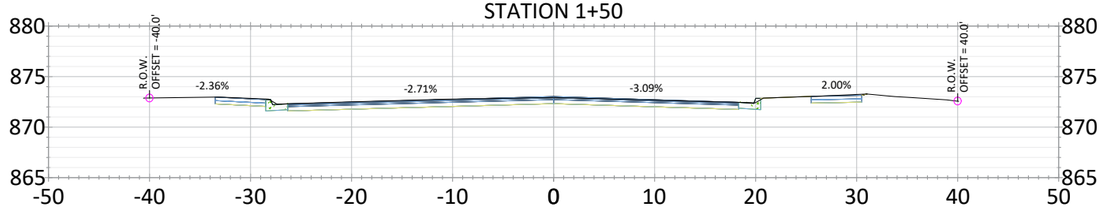
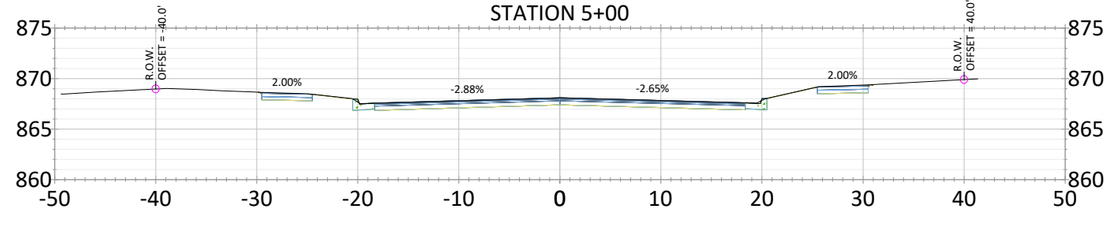
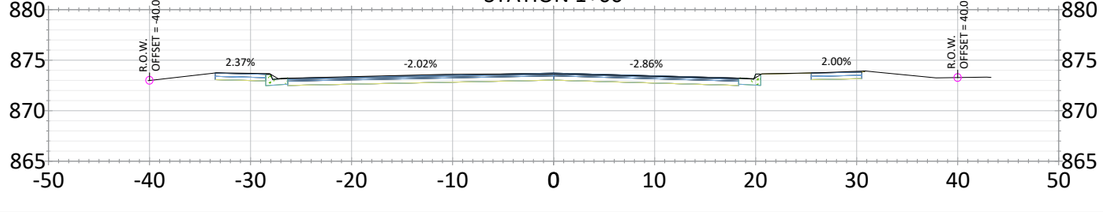


STATION 5+00



STATION 1+00



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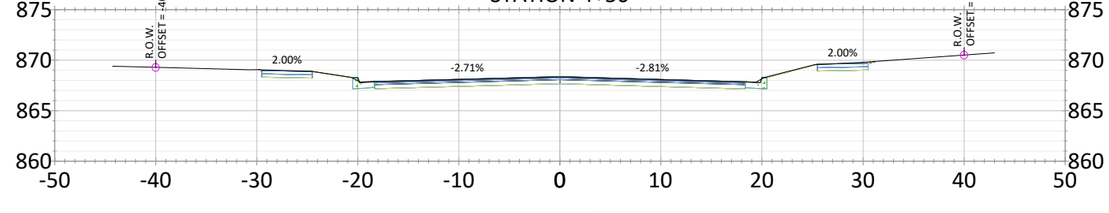

DATE	REVISION

Nov 22, 2024 - 2:21pm
O:\Engineering\AutoCad Dwgs\Projects N-Z\Sunwood Drive - CSAH 5 to Erkrum St 25-02\Plan Drawings\Cross Sections.dwg

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JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC		
DRAWN BY:	LWC	DATE:	11/22/24
CHECKED BY:	JJF	FILE:	25-02

City of RAMSEY

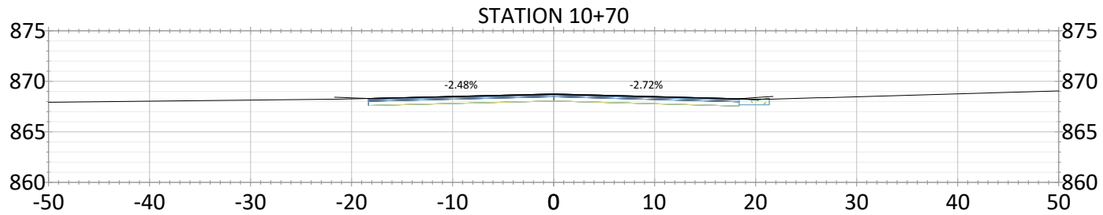
CITY OF RAMSEY
7550 SUNWOOD DRIVE
RAMSEY, MN 55303
(763) 427-1410 FAX (763) 433-9898

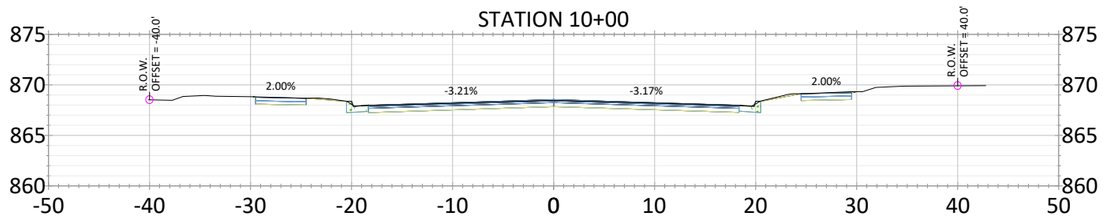
CROSS SECTIONS - STA. 1+00 - 7+25

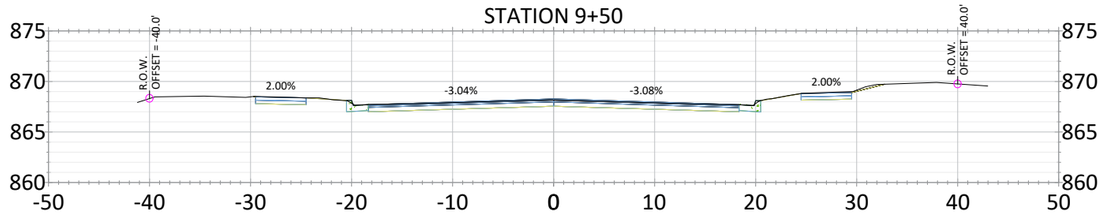
S.A.P. 199-104-015

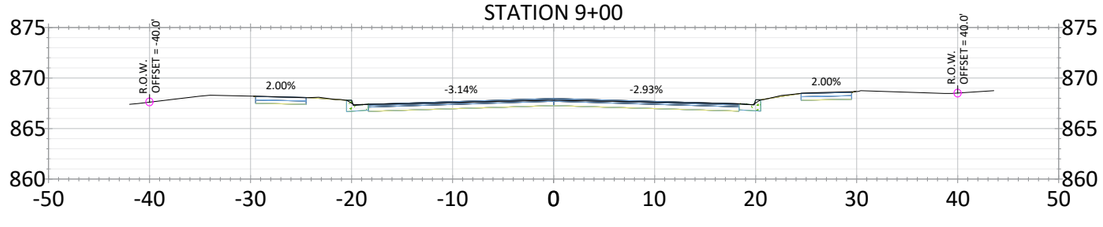
SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

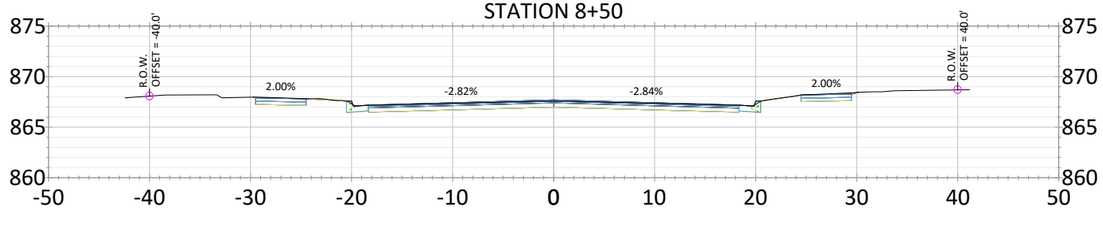
SHEET 22 OF 25 SHEETS

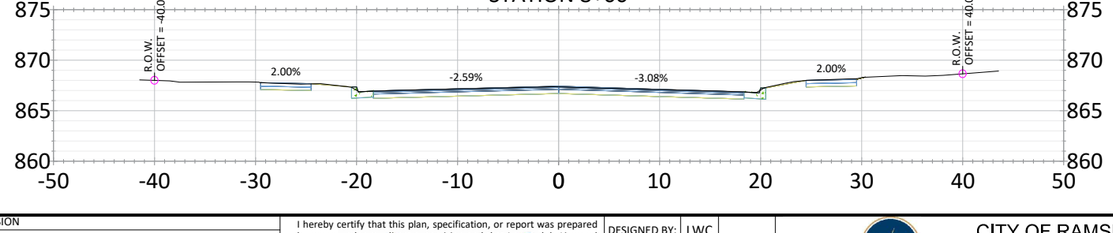












DATE	REVISION

Nov 22, 2024 - 2:22pm
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

JOE FERIANCEK
Date 11/22/24 Lic. No. 57095

DESIGNED BY:	LWC	
DRAWN BY:	LWC	DATE: 11/22/24
CHECKED BY:	JJF	FILE: 25-02

City of RAMSEY

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

CROSS SECTIONS - STA. 8+00 - 10+70

S.A.P. 199-104-015

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET
RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 23 OF 25 SHEETS

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION

CITY OF RAMSEY
ANOKA COUNTY, MINNESOTA

DESCRIPTION OF CONSTRUCTION ACTIVITIES AND STORMWATER MANAGEMENT:

Construction activities include; Site Grading, Temporary Erosion and Sediment Control, Roadway Construction, and Permanent Stabilization.

Project Description: This project consists of reconstructing 0.20 miles of existing urban bituminous streets, using full depth reclamation. The project also includes the replacement of 10 pedestrian ramps and 3 concrete valley gutters. The drainage for the existing streets use concrete curb and gutter. Outfall locations will remain the same.

RESPONSIBLE PARTIES:

The Contractor and Owner must apply for coverage under the MPCA's General Storm Water Permit for Construction Activity as required by the National Pollution Discharge Elimination System (NPDES) Phase II program. Coverage under the permit will begin automatically 7 calendar days after the electronic submittal date or after the postmarked date of a complete application. (Longer time frames will apply to areas disturbing 50 acres or discharge within 1 mile of a special water).

	COMPANY	CONTACT PERSON	PHONE
OWNER:	CITY OF RAMSEY	BRUCE WESTBY, PE	763-433-9825
SWPPP DESIGNER:	CITY OF RAMSEY	LOGAN CZECH	763-453-2531
CONTRACTOR:			
SITE MANAGER:			
PARTY RESPONSIBLE FOR LONG TERM O&M:	CITY OF RAMSEY	BRUCE WESTBY, PE	763-433-9825

Individuals listed above, including the SWPPP preparer, individual overseeing implementation of, revising and amending the SWPPP, Individuals performing or supervising the installation, maintenance and repair of BMP's must be trained. At least one individual present on the permitted project, or available within 72 hours shall be trained in the applicable job duties. Documentation showing training commensurate with the job duties and responsibilities is required to be included in the SWPPP prior to any work beginning on the site. Copies of the SWPPP preparer information is included in the Project Manual. The Contractor shall provide information for the individual(s) overseeing implementation, supervising installation, maintenance, and repair of BMP's to be included in the Project Manual prior to the start of construction. This information shall be kept up to date until the project NOT is filed.

Documentation shall include:

a. Names of trained personnel associated with this project.
b. Dates of training, names of instructor(s) and entity providing training.
c. Content of training course or workshop including the number of hours trained.
d. As an alternative to a, b, and c listed above, a photocopy of the current Erosion and Stormwater Management card issued by the University of Minnesota can be attached to the SWPPP as suitable documentation of training.

DOCUMENTATION RETENTION:

The following documentation will be retained for a period of not less than 3-years form the date of submittal of the NOT.

1. The final SWPPP.
2. Copies of all stormwater related permits required for the project.
3. Records of all inspection and maintenance conducted during construction.
4. Copies of all permanent operation and maintenance agreements; including all right-of-way, contracts, covenants and other binding requirements regarding perpetual maintenance.
5. All required calculations for design of temporary and permanent BMP's.

IMPLEMENTATION SCHEDULE AND PHASING:

1. Furnish & Install inlet protection.
2. Reclamation of existing bituminous pavement.
3. Remove excess subsoil.
4. Place aggregate base material.
5. Rough grade site.
6. Furnish & install curb & gutter.
7. Furnish & install bituminous pavement.
8. Add additional temporary BMP's as necessary during construction based on inspection reports.
9. Submit Notice of Termination (NOT) to MPCA within 30 days of final stabilization.

FINAL STABILIZATION:

The permittee(s) must ensure final stabilization of the site. The permittee(s) must submit a NOT within 30 days after final stabilization is complete, or another owner/operator (permittee) has assumed control over all areas of the site which have not undergone final stabilization. Final stabilization can be achieved in one of the following ways:

1. All soil disturbing activities at the site have been completed and all soils must be stabilized by a uniform perennial vegetative cover with a density of 70 percent over the entire pervious surface area, or other equivalent means necessary to prevent soil failure under erosive conditions and;

a. All drainage ditches, constructed to drain water from the site after construction is complete, must be stabilized to preclude erosion;
b. All temporary synthetic, and structural erosion prevention and sediment control BMP's (such as silt fence) must be removed as part of the site final stabilization; and
c. The permittee(s) must clean out all sediment from conveyances and from temporary sedimentation basins to be used as permanent water quality management basins. Sediment must be stabilized to prevent it from being washed back into the basin, conveyances or drainage ways discharging off-site or to surface waters. The cleanout of permanent basins must be sufficient to return the basin to design capacity.

2. Final vegetation cover shall be in the Project Specifications.
3. For residential construction only, final stabilization has been achieved when temporary erosion protection and down gradient perimeter control for individual lots has been completed and the residence has been transferred to the homeowner. Additionally, the permittee must distribute the MPCA "Homeowner fact sheet" to the homeowner to inform the homeowner of the need for, and benefits of, final stabilization.

SPECIAL ENVIRONMENTAL CONSIDERATIONS:

Was an environmental review required for this project or any part of a common plan of development or sale that includes all or any portion of this project?	NO
Does any portion of the site have the potential to affect threatened or endangered species?	NO
Does any portion of this site discharge to a Calcareous Fen and the letter of approval from the DNR is located in the Project Manual?	NO
Will any portion of this site potentially affect properties listed on the National Register of Historic Places or a Known or Discovered Archeological site?	NO
Have any Karst features been identified in the project vicinity?	NO
Is compliance with temporary or permanent stormwater management design requirements infeasible for this project?	NO

POLLUTION PREVENTION MANAGEMENT MEASURES:

The permittee(s) shall implement the following pollution prevention management measures on the site:

1. Solid waste: collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with MPCA disposal regulations.
2. Hazardous materials: oil, gasoline, paint and any hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in compliance with MPCA regulations.
3. External washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on site.

GENERAL STORMWATER DISCHARGE REQUIREMENTS:

All requirements listed in Part 15 of the permit for the design of permanent stormwater treatment system and discharge have been included in the preparation of this SWPPP. These include but are not limited to:

1. The expected amount, frequency, intensity and duration of precipitation.
2. The nature of stormwater runoff and run-on at the site.
3. Peak flow rates and stormwater volumes to minimize erosion at outlets and downstream channel and stream bank erosion.
4. The range of soil particle sizes expected to be present on the site.

RECEIVING WATERS:

Recieving waters, including surface water, wetlands, Public Waters, and stormwater ponds are identified on the USGS 7.5min quad map within 1 mile of the project boundary. Receiving waters that are impaired, the impairment and WLA are listed as follows. All specific BMP's relative to construction activities listed in this permit for special and impaired waters have been incorporated into this plan. All specific BMP's listed in approved TMDLs and those BMP's listed for construction related waste load allocations have also been incorporated.

NAME OF WATER BODY	TYPE (DITCH, POND, WETLAND, LAKE, ETC.)	APPENDIX A SPECIAL WATER?	FLOWS TO IMPAIRED WATER WITHIN 1 MILE?	USEPA APPROVED TMDL?
RUM RIVER	RIVER	YES	YES	YES
DO; FISHESBIO; INVERTBIO				

PROJECT AREAS:

Total project size (disturbed area) =	1.13	acres
Existing area of impervious surface =	1.08	acres
Post construction area of impervious surface =	1.08	acres
Impervious surface area increased =	0.00	acres

Planned construction start date: **May 2025**
Planned construction completion date: **August 2025**

PROJECT LOCATION:

County: ANOKA Township: 32 Range: 25 Section: 25 Latitude: 45.238529 Longitude: -93.406599

PERMANENT STORMWATER MANAGEMENT SYSTEM:

Type of storm water management used if more than 1 acre of new impervious surface is created:

a. Wet Sedimentation Pond
b. Infiltration / Filtration
c. Regional Pond
d. Permanent Stormwater Management Not Required

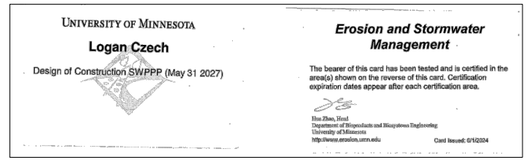
LOCATION OF SWPPP REQUIREMENTS IN PROJECT PLAN:

DESCRIPTION	LOCATION
TEMPORARY EROSION CONTROL MEASURES	SHEET No. 17
FINAL STABILIZATION	SHEETS No. 19 - 20
EROSION AND SEDIMENT CONTROL DETAILS	SHEET No. 06

EROSION AND SEDIMENT CONTROL QUANTITIES:

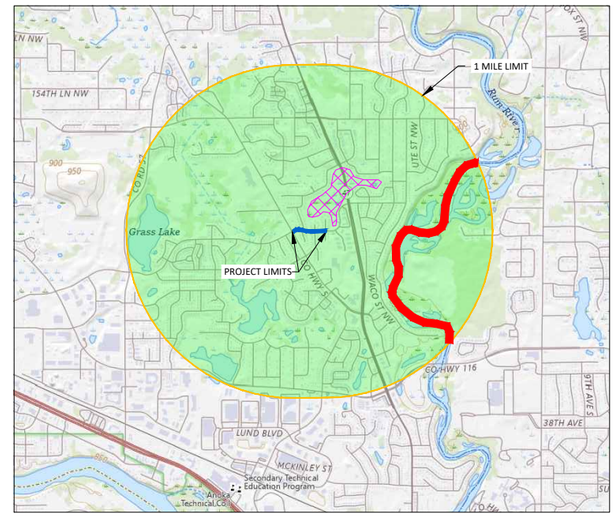
			S.A.P. 199-112-010		
			PROJECT TOTAL	PARTICIPATING	NON-PARTICIPATING
2573.502	STORM DRAIN INLET PROTECTION	EA	4	4	0
2573.602	STABILIZED CONSTRUCTION EXIT	EA	2	2	0

CERTIFICATION:



LEGEND

PROJECT LIMITS
RECEIVING WATER
1 MILE LIMIT
IMPAIRED WATER



DATE	REVISION
12/16/24	ADDED SWPPP

Dec 16, 2024 - 2:05pm
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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
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DRAWN BY:	LWC	DATE:	11/22/24
CHECKED BY:	JJF	FILE:	25-02

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

SWPPP

SUNWOOD DRIVE - CSAH 5 TO ERKIUM STREET RECONSTRUCTION
CITY PROJECT NO. 25-02
CITY OF RAMSEY, MINNESOTA

SHEET 24 OF 25 SHEETS

SEQUENCE OF CONSTRUCTION:

Construction shall proceed in the following sequence:

1. Contractor shall schedule and conduct a pre-construction meeting with the City.
2. Contractor shall secure all necessary permits and licenses.
3. Furnish & install erosion control measures.
4. Maintain erosion control measures, i.e. silt fence, inlet protection.
5. Reclaim existing bituminous pavement and base.
6. Haul-off excess reclamation material.
7. Remove excess subsoil.
8. Place aggregate base material.
8. Grade and compact base material.
9. Furnish & install curb & gutter
13. Furnish & install base course of bituminous pavement
14. Complete restoration per plan.
14. Furnish & install wear course of bituminous pavement
15. Remove erosion control after vegetation is established.

ADDITIONAL STORMWATER POLLUTION PREVENTION, GRADING PLAN, AND SCHEDULE NOTES:

1. All slopes to be 1:4 unless approved by the city engineer.
2. Below grade structures shall be protected and meet drainage requirements per the city engineer.
3. Construction operation hours are from 7:00 a.m. - 10:00 p.m. Monday through Saturday.
4. Call Gopher State One Call for utility locations prior to any work at 1-800-252-1166.
5. Permittee may need to modify SWPPP if the general objectives of controlling pollutants is not being met.
6. Operator shall implement these and any other BMP's that may be required to meet the general permit requirements.
7. Site is not in karst area or pollution or remediation site.
8. Silt fence to be installed downhill from any grading activity.
9. If tracking onto adjacent streets occurs a street sweeper shall be used to clean streets within 8 hours or as directed by the engineer.
10. Dust control may be necessary during rough grading. No grading can take place if wind speed exceeds 25 mph.
11. Solid waste shall be collected and disposed of properly and must comply with MPCA disposal requirements.
12. Hazardous materials shall be stored properly to prevent spills and vandalism.
13. No engine degreasing is allowed on site. External washing of vehicles shall be limited to a defined area (bone yard) on site.
14. Permittee(s) shall adhere to all SWPPP specifications on the plan and other MPCA permit requirements.

EROSION PREVENTION PRACTICES:

1. The permittee(s) must plan for and implement appropriate construction phasing, vegetative buffer strips, horizontal slope grading, and other construction practices that minimize erosion, so that the inspection and maintenance requirements are complied with. The location of areas not to be disturbed must be delineated (e.g. with flags, stakes, signs, silt fence, etc.) on the development site before work begins.
2. All exposed soil areas must be stabilized as soon as practical, but in no case later than 7 days after the construction area has temporarily or permanently ceased.
   These areas include constructed stormwater management pond side slopes, and any exposed soil areas with a positive slope to a stormwater conveyance system, such as a curb and gutter system, storm sewer inlet, temporary or permanent drainage ditch or other natural or man made systems that discharge to a surface water.
3. The normal wetted perimeter of any temporary or permanent drainage ditch that drains water from a construction site, or diverts water around a site, must be stabilized within 200 lineal feet from the property edge, or from the point of discharge to any surface water. Stabilization must be completed within 24 hours of connecting to a surface water.
4. Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours of connection to a surface water.
5. All disturbed areas, except roadways, building areas, parking areas, islands and sidewalk, shall be restored with minimum 4 inches topsoil, seeded and mulched within 7 days of completion of site grading. Seeding shall be in accordance with MnDOT Specification 2575. Where side slopes exceed or equal 1:3 and running slope is greater than 1:50, a polypropylene netting or wood fiber blanket shall be provided and staked over the mulched area. Seed and mulch types and applications rates are per plan and specification.
6. Refer to restoration plan for areas to be seeded or sodded for erosion control.

DEWATERING AND BASIN DRAINING:

1. Dewatering or basin draining (e.g. pumped discharges, trench/ditch cuts for drainage) related to the construction activity that may have turbid or sediment laden discharge water must be discharged to a temporary or permanent sedimentation basin on the project site whenever possible. If the water cannot be discharged to a sedimentation basin prior to entering the surface water, it must be treated with the appropriate BMP's, such that the discharge does not adversely affect the receiving water or downstream landowners. The permittee(s) must ensure that discharge points are adequately protected from erosion and scour. The discharge must be dispersed over natural rock rip rap, sand bags, plastic sheeting or other accepted energy dissipation measures. Adequate sedimentation control measures are required for discharge water that contains suspended solids.
2. All water from dewatering or basin draining activities must be discharged in a manner that does not cause nuisance conditions, erosion in receiving channels or on downslope properties, or inundation in wetlands causing significant adverse impact to the wetland.

SEDIMENT CONTROL PRACTICES:

1. Sediment control practices must minimize sediment from entering surface waters, including curb and gutter systems and storm sewer inlets.
   a. Temporary or permanent drainage ditches and sediment basins that are designed as part of a treatment system (e.g. ditches with rock check dams) require sediment control practices only as appropriate for site conditions.
   b. If the down gradient treatment system is overloaded, additional upgradient sediment control practices must be installed to eliminate the overloading, and the SWPPP must be amended to identify these additional practices.
   c. In order to maintain sheet flow and minimize rills and/or gullies, there shall be no unbroken slope length of greater than 75 feet for slopes with a grade of 1:3 or steeper.
2. Sediment control practices must be established on all down gradient perimeters before any upgradient land disturbing activities begin. These practices shall remain in place until final stabilization has been established.
3. The timing of the installation of sediment control practices may be adjusted to accommodate short-term activities such as clearing or grubbing, or passage of vehicles. Any short-term activity must be completed as quickly as possible and the sediment control practices must be installed immediately after the activity is completed. However, sediment control practices must be installed before the next precipitation event even if the activity is not complete.
4. All storm drain inlets must be protected by appropriate BMP's during construction until all sources with potential for discharging to the inlet have been stabilized.
5. Temporary soil stockpiles must have silt fence or other effective sediment controls, and cannot be placed in surface waters, including stormwater conveyances such as curb and gutter systems, or conduits and ditches.
6. Stockpile areas which remain on the site for more than seven days shall be seeded, mulched, and surrounded by silt fence.
7. Vehicle tracking of sediment from the construction site must be minimized by BMP's such as stone pads, concrete or steel wash racks, or equivalent systems. Street sweeping must be used if such BMPs are not adequate to prevent sediment from being tracked onto the street.
8. The permittee must install temporary sedimentation basins as required.

INSPECTIONS AND MAINTENANCE:

1. The permittee(s) (either the owner or operator, whoever is identified in the SWPPP) must routinely inspect the construction site once every seven (7) days during active construction and within 24 hours after a rainfall event greater than 0.5-inches in 24 hours. Following an inspection that occurs within 24 hours after a rainfall event, the next inspection must be conducted within 7 days.
2. All inspections and maintenance conducted during construction must be recorded in writing and these records must be retained with the SWPPP. Records of each inspection and maintenance activity shall include:
   a. Date and time of inspections;
   b. Name of persons conducting inspections;
   c. Accurate findings of inspections, including the specific location where corrective actions are needed;
   d. Corrective actions taken (including dates, times, and party completing maintenance activities);
   e. Date of all rainfall events greater than ½ inches in 24 hours, and the amount of rainfall for each event. Permittee(s) must obtain rainfall amounts by either a properly maintained rain gauge installed onsite, a weather station that is within one (1) mile of your location, or a weather reporting system that provides site specific rainfall data from radar summaries;
   f. If permittee(s) observe a discharge (i.e., color, odor, settled or suspended solids, oil sheen, and other obvious indicators of pollutant(s);
   g. Any amendments to the SWPPP proposed as a result of the inspection must be documented as required in Section 6 of the general permit within seven (7) calendar days.
3. Where parts of the construction site have undergone final stabilization, but work remains on other parts of the site, inspections of the stabilized areas may be reduced to once per month. Where work has been suspended due to frozen ground conditions, the required inspections and maintenance must take place within 24 hours after runoff occurs at the site or 24 hours prior to resuming construction, whichever occurs first.
4. All erosion prevention and sediment control BMP's must be inspected to ensure integrity and effectiveness. All nonfunctional BMP's must be repaired, replaced, or supplemented with functional BMP's. The permittee(s) must investigate and comply with the following inspection and maintenance requirements:
   a. All silt fence must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches ⅓ of the height of the fence. These repairs must be made within 24 hours of discovery, or as soon as field conditions allow access.
   b. Temporary and permanent sedimentation basins must be drained and the sediment removed when the depth of sediment collected in the basin reaches ½ the storage volume. Drainage and removal must be completed within 72 hours of discovery, or as soon as field conditions allow access.
   c. Surface waters, including drainage ditches and conveyance systems, must be inspected for evidence of sediment being deposited by erosion. The permittee(s) must remove all deltas and sediment deposited in surface waters, including drainage ways, catch basins, and other drainage systems, and restabilize the areas where sediment removal results in exposed soil. The removal and stabilization must take place within seven (7) days of discovery unless precluded by legal, regulatory, or physical access constraints. The permittee shall use all reasonable efforts to obtain access. If precluded, removal and stabilization must take place within seven (7) calendar days of obtaining access. The permittee is responsible for contacting all local, regional, state and federal authorities and receiving any applicable permits, prior to conducting any work.
   d. Construction site vehicle exit locations must be inspected for evidence of off-site sediment tracking onto paved surfaces. Tracked sediment must be removed from all paved surfaces within 3 hours after notification by the City that sweeping is required.
   e. The permittee(s) are responsible for the operation and maintenance of temporary and permanent water quality management BMP's as well as all erosion prevention and sediment control BMP's, for the duration of the construction work at the site. The permittee(s) are responsible until another permittee has assumed control over all areas of the site that have not been finally stabilized or the site has undergone final stabilization, and a NOT has been submitted to the MPCA.
   f. If sediment escapes the construction site, off-site accumulations of sediment must be removed in a manner and at a frequency sufficient to minimize off-site impacts (e.g. fugitive sediment in streets could be washed into storm sewers by the next rain and/or pose a safety hazard to users of public streets).
5. All infiltration areas must be inspected to ensure that no sediment from ongoing construction activities is reaching the infiltration area and these areas are protected from compaction due to construction equipment driving across the infiltration area.
6. Storm sewer pipes and structures to be inspected and cleaned out.

DATE	REVISION
12/16/24	ADDED SWPPP

Dec 16, 2024 - 2:06pm
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