

**WORTHINGTON CITY COUNCIL  
REGULAR MEETING**

**AGENDA**

**5:30 P.M. - Monday, February 9, 2026  
City Hall Council Chambers**

- A. CALL TO ORDER AND PLEDGE OF ALLEGIANCE**
- B. INTRODUCTIONS AND OPENING REMARKS**
- C. AGENDA ADDITIONS/CHANGES AND CLOSURE**
  - 1. Additions/Changes
  - 2. Closure
- D. PUBLIC HEARING – RESIDENTIAL TAX ABATEMENT – 921 DIAGONAL ROAD - COMMUNITY DEVELOPMENT (CASE ITEM 1) – (GRAY)**
  - 1. Open Hearing
  - 2. Hearing Presentation
  - 3. Testimony
  - 4. Close Hearing
  - 5. Action on Hearing
- E. PUBLIC HEARING – RESIDENTIAL TAX ABATEMENT – CECILEE STREET - COMMUNITY DEVELOPMENT (CASE ITEM 2) – (GRAY)**
  - 1. Open Hearing
  - 2. Hearing Presentation
  - 3. Testimony
  - 4. Close Hearing
  - 5. Action on Hearing
- F. CONSENT AGENDA**
  - 1. CITY COUNCIL MINUTES (WHITE)
    - a. Regular City Council Meeting Minutes of January 26, 2026
  - 2. MINUTES OF BOARDS AND COMMISSIONS (PINK)

- a. LEC Joint Operations Committee Meeting Minutes of November 12, 2025
- b. Joint Powers Transit Authority Meeting Minutes of October 30, 2025

3. **BILLS PAYABLE (WHITE)**

PLEASE NOTE: All utility expenditures are listed as 601, 602, and 604, and are approved by the Water and Light Commission

**G. CITY COUNCIL BUSINESS - ADMINISTRATION (WHITE)**

Case Item(s)

1. Third Reading Proposed Ordinance to Vacate a Segment of Tower Street within the City of Worthington, Nobles County, Minnesota
2. City Council Established Criteria for Naming Rights at the Worthington Ice and Recreation Arena

**H. CITY COUNCIL BUSINESS – PUBLIC WORKS (GREEN)**

Case Item(s)

1. YMCA Program Fee Approval
2. Authorize Staff to advertise for Bids
3. Adopt Resolution Accepting Park Bench Donation

**I. CITY COUNCIL BUSINESS - ENGINEERING (BLUE)**

Case Item(s)

1. Approve Plans for Tower Street and Tenth Avenue Street Reconstruction and Authorize Advertisement for Bids
2. Approve Plans for Third Avenue Water and Sanitary Sewer Main Reconstruction and Authorize Advertisement for Bids
3. Approve Public Pedestrian Underpass Crossing Agreement with Union Pacific Railroad Company

4. Approve Nobles County 2026 Mill and Overlay on Crailsheim Road

**J. COUNCIL COMMITTEE REPORTS**

1. Mayor Von Holdt
2. Council Member Ernst
3. Council Member Weber
4. Council Member Woitalewicz
5. Council Member Kuhle
6. Council Member Kielblock

**K. CITY ADMINISTRATOR REPORT**

**L. ADJOURNMENT**

**WORTHINGTON CITY COUNCIL REGULAR MEETING  
JANUARY 26, 2026**

The meeting was called to order at 5:30 p.m., in City Hall Council Chambers by Mayor Rick Von Holdt with the following Council Members present: Amy Woitalewicz, Mike Kuhle, Chris Kielblock, Dennis Weber. Amy Ernst (excused).

Staff present: Steve Robinson, City Administrator; Marilyn Cilengi, Assistant City Engineer; Todd Wietzema, Public Works Director; Cristina Adame, Community Relations & Communications; Mindy Eggers, City Clerk.

Others Present: Oscar Martinez, Cable 3 TV; Chloe Farnsworth, *The Globe*; Ryan McGaughey, Radio Works; Eric Parrish.

The Pledge of Allegiance was recited.

**AGENDA APPROVED WITH ADDITIONS/CHANGES**

Mayor VonHoldt stated Items *F.4. Adoption of Policy Regarding the Rights and Duties of City Officials and Employees Related to Federal Immigration Law Enforcement* and *F.5. Accept Proposal for Geotechnical Services for Ice Arena Project* would be added to the agenda.

A motion was made by Council Member Kielblock, seconded by Council Member Kuhle and unanimously carried to approve the agenda with the noted additions.

**PUBLIC HEARING AND ADOPTED RESOLUTION NO. 2026-01-04 ORDERING IMPROVEMENT AND PREPARATION OF PLANS AND SPECIFICATIONS – TOWER STREET & TENTH AVENUE RECONSTRUCTION**

Pursuant to published notice, this was the time and date set for a public hearing ordering improvement and preparation of plans and specifications.

The motion was made by Council Member Kielblock, seconded by Council Member Weber and unanimously carried to open the hearing.

Marilyn Cilengi, Assistant City Engineer, presented information on the proposed Tenth Avenue & Tower Street Reconstruction project.

Mayor Von Holdt asked if there was any testimony. None was received.

The motion was made by Council Member Weber, seconded by Council Member Woitalewicz and unanimously carried to close the hearing.

The motion was made by Council Member Kuhle, seconded by Council Member Weber and unanimously carried to adopt the following resolution:

**A RESOLUTION ORDERING IMPROVEMENT AND PREPARATION OF PLANS AND SPECIFICATIONS**

(Refer to Resolution File for complete copy of Resolution)

**CONSENT AGENDA**

A motion was made by Council Member Kielblock, seconded by Council Member Woitalewicz and unanimously carried to approve the consent agenda with the revised Annual City Council Meeting Minutes of January 12, 2026.

- Annual City Council Meeting Minutes of January 12, 2026
- Public Arts Commission Meeting Minutes of January 5, 2026
- Application to Conduct Off-Site Gambling – Currie Town & Country Boosters, Inc. March 27, 2026, Worthington Event Center, 1447 Prairie Drive
- Temporary On-Sale Liquor License – FORWARD Worthington
- Bills Payable Totaling \$ 5,520,688.35

**SECOND READING PROPOSED ORDINANCE TO VACATE OF SEGMENT OF TOWER STREET WITHIN THE CITY OF WORTHINGTON, NOBLES COUNTY, MINNESOTA**

Pursuant to published notice this is the time and date set for the second reading of a proposed ordinance to vacate a segment of Tower Street within the City of Worthington, Nobles County, Minnesota.

The motion was made by Council Member Kuhle, seconded by Council Member Weber and unanimously carried to give a second reading to the proposed ordinance.

**APPROVED ICE ARENA SELECTION COMMITTEE'S RECOMMENDATION FOR CONSTRUCTION MANAGER AT RISK**

In early 2025, the City issued a Construction Manager at Risk (CMaR) Request for Statements of Qualifications for the Ice Arena Project. Nine submissions were received. A selection committee consisting of representatives from the City of Worthington, Worthington Independent School District 518, and the Worthington Hockey Association reviewed, scored, and ranked the submissions.

On January 12, 2026, the Ice Arena Selection Committee interviewed the two highest-ranked firms. The committee recommends Council authorize staff to proceed with discussions with Knutson Construction, LLC, and HTG Architects for initial programming, design, and project cost estimating.

The motion was made by Council Member Kuhle, seconded by Council Member Weber and

unanimously carried to approve staff to proceed with discussions with Knutson Construction, LLC and HTG Architects for initial programming, design, and project estimates.

**RESOLUTION NO. 2026-01-05 ADOPTED ORDERING IMPROVEMENT AND PREPARATION OF PLANS AND SPECIFICATIONS**

Mr. Robinson reported FEMA Region V has approved the Nobles County Hazard Mitigation Plan. Adoption of the plan allows the City to remain eligible for future FEMA hazard mitigation funding programs, including the Hazard Mitigation Grant Program, Hazard Mitigation Grant Program – Post-Fire, Building Resilient Infrastructure and Communities (BRIC), Flood Mitigation Assistance, and the Safeguarding Tomorrow Revolving Loan Fund.

The motion was made by Council Member Weber, seconded by Council Member Kielblock and unanimously carried to adopt the following resolution:

RESOLUTION NO. 2026-01-05

RESOLUTION TO ADOPT THE 2025 NOBLES COUNTY HAZARD MITIGATION PLAN

(Refer to Resolution File for complete copy of Resolution)

**RESOLUTION NO. 2026-01-06 ADOPTED REGARDING THE RIGHTS AND DUTIES OF CITY OFFICIALS AND EMPLOYEES RELATED TO FEDERAL IMMIGRATION LAW ENFORCEMENT**

Staff requested clarification from the City Attorney regarding the rights and duties of City officials and employees related to federal immigration law enforcement, specifically concerning access to City-owned facilities and property. The attached policy provides guidance on the following matters:

- Federal authorities may enter publicly accessible areas of City-owned property without a warrant,
- City employees, including law enforcement officers, are not required to assist federal agents in locating individuals absent a judicial warrant,
- City consents to allow federal agents access to non-public areas; however, such consent may be revoked, at which time a judicial warrant would be required for access. The City Administrator or a department head may revoke consent if deemed necessary for public health, safety, or welfare.
- City employees may not grant access to non-public data, including private or confidential data on individuals, absent a judicial warrant.
- City employees shall not obstruct or interfere with federal immigration enforcement activities, including but not limited to:

- Hiding customers or employees,
- Warn anyone of an impending investigation
- Assist anyone in evading a search
- Provide false information
- Destroy documents, and
- Hide evidence.

The motion was made by Council Member Weber, seconded by Council Member Kuhle and unanimously carried to adopt the policy and following resolution:

RESOLUTION NO. 2026-01-06

**RESOLUTION REGARDING THE RIGHTS AND DUTIES OF CITY OFFICIALS AND EMPLOYEES RELATED TO FEDERAL IMMIGRATION LAW ENFORCEMENT**

(Refer to Resolution File for complete copy of Resolution)

**APPROVED PROPOSAL FOR GEOTECHNICAL SERVICES FOR ICE ARENA PROJECT**

Todd Wietzema, Public Works Director, reported staff requested a proposal from American Engineering Testing, Inc. to conduct soil borings for the Ice Arena project. The proposed scope of work includes six (6) soil borings within the proposed building footprint and three (3) soil borings within the proposed parking lot areas. The total cost for these services is \$12,800.00.

Soil borings are a critical first step in the design process for the new Ice Arena, as they provide essential information regarding subsurface conditions and help identify any potential soil corrections that may be required prior to construction.

The motion was made by Council Member Weber, seconded by Council Member Woitalewicz and unanimously carried to authorize staff to execute the proposal with American Engineering Testing, Inc.

**APPROVED PROFESSIONAL SERVICES AGREEMENT WITH SHORT ELLIOT HENDRICKSON FOR CENTENNIAL PARK LIFT STATION REHABILITATION**

Ms. Cilengi reported that at the December 22, 2025, City Council meeting, the Council awarded the contract for the Centennial Park Lift Station Rehabilitation Project. Due to the specialized nature of the project, which includes building rehabilitation components not typically performed by City staff, and the absence of in-house personnel with experience in this type of work, consulting engineering services are required.

Staff has consulted with Short Elliott Hendrickson (SEH) to provide construction supervision services for the Centennial Park Lift Station Rehabilitation Project, in an amount not to exceed \$35,357.00.

The motion was made by Council Member Kuhle, seconded by Council Member Weber and unanimously carried to approve the agreement with SEH in an amount not to exceed \$35,357.00.

### **COUNCIL COMMITTEE REPORTS**

Mayor Rick Von Holdt – No report.  
Council Member Ernst – No report.  
Council Member Weber - No report.  
Council Member Woitalewicz – Reported YMCA Gala dinner is scheduled for March 6<sup>th</sup>.  
Council Member Kuhle – No report.  
Council Member Kielblock – No report.

### **CITY ADMINISTRATOR REPORT**

Mr. Robinson reported the city has received a purchase agreement for an executive lot in Glenwood Heights.

### **ADJOURNMENT**

The motion was made by Council Member Kielblock, seconded by Council Member Weber and unanimously carried to adjourn the meeting at 6:10 p.m.

Mindy Eggers, MCMC  
City Clerk

**MINUTES OF THE PRAIRIE JUSTICE CENTER JOINT OPERATIONS COMMITTEE  
NOVEMBER 12, 2025 – PRAIRIE JUSTICE CENTER**

**PRESENT:** City of Worthington – Nate Grimmus, Steve Robinson, Dennis Weber

Nobles County – Ryan Kruger, Bruce Heitkamp, Bob Paplow, Chris Dybevic

Chairman, Chris Dybevic called the meeting to order at 1:09 p.m.

Bob Paplow made a motion to approve the agenda. Dennis Weber seconded the motion. The motion carried.

After reviewing the minutes of the August 13, 2025 meeting, Dennis made a motion to approve the minutes. Bob seconded the motion. Motion carried.

**New Business:**

Bruce Heitkamp asked if the Vehicle Impound Building was full. Ryan Kruger commented that there were still spots left. Nate Grimmus stated that they were selective on which cars to put in the building. They didn't want oil leaking on the floor.

**Old Business:**

• **Walking/Parking Surfaces**

- Bruce stated that he and Aaron Holmbeck met with Jeff Kuhn from Widseth to discuss the Scope of Services for a feasibility study for the PJC parking lot and sidewalks for approximately \$12,500.
- Steve Robinson asked if the site plan that was handed out was just preliminary notes and Bruce confirmed that it was.
- Bruce commented that the yellow blocks of the proposal were for handicapped parking, which would have to be available at every entrance door.
- Chris thought that parking up next to building looking right in the squad rooms should be eliminated. Nate asked if pylons, bollards, or bushes could be used to block access to the squad rooms windows.
- Steve said that the decision to use concrete doesn't have to be made yet.
- Steve made a motion to proceed with Widseth's Proposal and Bob seconded the motion. The motion carried.

• **Behavioral Health Stabilization Center Update**

- Bruce said that the Stabilization Center tour was good as far as representation. Nine of the ten counties involved were present. Many questions were presented that didn't have answers.
- Bruce stated that a meeting will be held with LEC and other PJC building partners for information and input.
- There will be a Memorandum of Understanding for the 10-counties involved and what is expected as far as drop off and pick up of clients.
- Extra thought went in to the purchase of all items/furniture so that it couldn't be used to hurt someone by picking up and throwing, etc.
- Four rooms only have one small window, so an additional window will be added to each room for an additional \$60,000.

- Ryan asked about IT help at the center. Bruce commented that they signed a contract with Angelo to provide IT services.
- The center will be ready to open by mid-2026.
- **ATM's**
  - Ryan said that there is already power in the lobby for the ATM. They are just waiting on County IT to get internet service to that location.
- **City/County Cost Share and IT Services**
  - Bruce said that Angelo is servicing IT problems at the PJC.
  - Ryan commented that many of the IT personnel are coming and going. He said that the LEC has so many systems and software that there is no consistency and it's hard for someone to know what's really going on.
  - Steve said the procedure that is currently being used is not working. Whoever is available from IT is the one that shows up. The LEC needs a dedicated person to be there consistently all week. Both Ryan and Nate have talked to Angelo about getting someone here on a permanent basis. Chris asked if a part-time person would be sufficient and that they would need to be comfortable with Law Enforcement.
  - Steve also asked how the cost was being split? Nate commented that personnel have to put in a Helpdesk ticket to the IT department so that it can be tracked.
  - Bruce will talk to County IT about this topic.
- **Other Items**
  - A slatted fence has been requested around the concrete pad at the Stabilization Center. It will block the LEC back parking lot and also the chiller/air conditioner unit. Ryan suggested to design it so a gated fence could be added on at a later date to block access to the LEC portion of the building.

### **2026 Meeting Dates:**

February 11, 2026 – 1:00 p.m.

May 13, 2026 - 1:00 p.m.

August 12, 2026 - 1:00 p.m.

November 18, 2026 – 1:00 p.m. (date change due to Veterans Day)

Bruce made a motion to adjourn the meeting. Bob seconded the motion. The motion passed.

### **Action Items**

- Bruce to talk to Angelo about a permanent / part-time IT person at the LEC

# LEC Joint Powers Committee

## Journal of Votes

November 12, 2025

### QUARTERLY BOARD MEETING

PJC Training Room

1530 Airport Rd

Worthington MN 56187

DATE	ITEM VOTED ON	VOTES
9-12-25	Approval of Agenda with addition 1 <sup>st</sup> – Bob Paplow 2 <sup>nd</sup> – Dennis Weber	Unanimous
	Approval of Minutes 1 <sup>st</sup> – Dennis Weber 2 <sup>nd</sup> – Bob Paplow	Unanimous
	Proceed with Widseth Proposal for Scope of Services 1 <sup>st</sup> – Steve Robinson 2 <sup>nd</sup> – Bob Paplow	Unanimous
	Adjourn Meeting 1 <sup>st</sup> – Bruce Heitkamp 2 <sup>nd</sup> – Bob Paplow	Unanimous



# Southwestern Minnesota Opportunity Council, Inc.

1106 3 <sup>rd</sup> Avenue	Telephone: 507-376-4195
P.O. Box 787	Fax: 507-376-3636
Worthington, MN 56187	TTY: 507-372-7279

— *“Strengthening our communities through opportunities and service”* —

## Nobles County Joint Powers Transit Authority Meeting Minutes

### October 30th, 2025

Members Present:

Bruce Heitkamp    Gene Metz  
Chris Kielblock  
Steve Robinson

Members Absent:

Sandy Demuth  
Dennis Weber  
Justin Ahlers

Others Present:

Stephanie Noerenberg  
Cathleen Amick

Meeting of the Nobles County Joint Powers Transit Authority was called to order at 12:08 p.m. by Chairperson- Steve Robinson.

Motion was made by Steve Robinson, seconded by Bruce Heitkamp to approve the agenda. Motion passed.

A motion was made by Bruce Heitkamp, seconded by Gene Metz to approve the, July 24<sup>th</sup>, 2025, meeting minutes. Motion passed.

Expenditure reports for June 2025 through August 2025 were reviewed. A motion was made by Chris Kielblock, seconded by Bruce Heitkamp.

Transit reserve account. See if we can look into having a balance end and beginning a MNDOT tracked account. Suggest to see if it can be track separately from agency accounts Gene Metz motioned to have the reserve account be understandable still but subject to audit, seconded by Steve Robinson

MNDOT consultants final service planning memorandum, print out giving out from the whole year of graphs and data. Bruce finds the City Bus new route very beneficial, Steve the bus route really focuses on what it should be.

Worthington City Bus signs and design for stops, Chris suggest to make it simple, send design to Bruce on email so County can see what they can work with to make them. 18 signs are needed, once ready will forward to City with Steve to help install.

Fare rates to go up starting January 1<sup>st</sup> 2026. Dial-A-Ride is at \$2.50 per trip, County Route is at \$2.50 as well, City Bus is at \$1.00. Gene suggests if City Bus should be .50 cents or stay \$1.00. Steve suggests to give Stephanie some direction, DAR and County Route to be \$3.00 and CB to remain \$1.00.

10% local share \$17,000 approved by The City of Worthington, and \$17,000 approved by Nobles County on the budget lines. It was pointed out in preliminary and finalizes in December 2025.

Stephanie mentioned herself with Cathleen of MNDOT petitioned for extra grant funding for unmet needs to go towards the 2026 Operating Grant. Prairieland Transit was approved for an extra \$72,680 this will help cover what transit needs to operate at the grant contract service hours. Currently we only run at 12,792 service hrs. when we should be running at 13,563 service hrs. The max grant amount applied for was \$685,300 with the approved \$72,680 extra with a condition that 2025 operating grant is not underspent and needs to be overspent. This would bring Prairieland Transit up to a total of \$726,800 for the 2026 Operating Grant. Steve suggests to get drivers hired.

The next regular meeting is scheduled for January 22<sup>nd</sup>, 2026, at 12:00 p.m. at the SMOC office. A motion was made by Steve Robinson and seconded by Gene Metz to adjourn the meeting. Meeting adjourned at 1:06 p.m.

Respectfully submitted,

Stephanie Noerenberg  
Transit Director

## ADMINISTRATIVE SERVICES MEMO

**DATE:** FEBRUARY 6, 2026  
**TO:** HONORABLE MAYOR AND CITY COUNCIL  
**SUBJECT:** ITEMS REQUIRING CITY COUNCIL ACTION OR REVIEW

### CASE ITEMS

1. **THIRD READING PROPOSED ORDINANCE TO VACATE A SEGMENT OF TOWER STREET WITHIN THE CITY OF WORTHINGTON, NOBLES COUNTY, MINNESOTA**

Pursuant to published notice this is the time and date set for the third reading of a proposed ordinance to vacate a segment of Tower Street within the City of Worthington, Nobles County, Minnesota.

A complete copy of the ordinance was provided in your January 12, 2026 Council Agenda.

Council action is requested to give a third reading and to the proposed ordinance.

2. **CITY COUNCIL ESTABLISHED CRITERIA FOR NAMING RIGHTS AT THE WORTHINGTON ICE AND RECREATION ARENA**

Staff has been approached by entities offering financial contributions toward the construction of the ice and recreation arena in exchange for naming rights. Staff met with the arena subcommittee on February 2, 2026 advising that Council should establish criteria for naming rights. The Committee's recommendation includes:

- Arena Rink Naming Rights: \$500,000 per rink with full funding received by the City within six months following the execution of the construction contract or approval by the City Council, whichever occurs last.
- Lobby Naming Rights: \$250,000 with full funding received by the City within six months following the execution of the construction contract or approval by the City Council whichever occurs last.

Acceptance of naming rights is a donation to the City and will require approval by resolution of the City Council.

Council action is requested.

## PUBLIC WORKS MEMO

**DATE: FEBRUARY 6, 2026**

**TO: HONORABLE MAYOR AND CITY COUNCIL**

**SUBJECT: ITEM REQUIRING CITY COUNCIL ACTION OR REVIEW**

### CASE ITEMS

1. **YMCA PROGRAM FEE APPROVAL**

The Park and Recreation Advisory Board, at their February 4, 2026 meeting, reviewed and endorsed the proposed 2026 YMCA summer fees (Exhibit 1). The fees include the Water World Aquatic Center, Day Camp, and City Summer Sports Programs. The YMCA will give council a presentation to outline the changes from the 2025 fee schedule.

**Council action is requested to approve the YMCA Summer Program Fees as presented**

2. **AUTHORIZE STAFF TO ADVERTISE FOR BIDS**

Worthington City Council, at their July 2, 2025 meeting, entered into an agreement with the firm of Short Elliott Hendrickson, Inc to do design work for a replacement of the restroom in Centennial Park. This restroom is in collaboration with School District 518's new Softball Project and was approved in our 2026 budget.

Mr. Bergstrom, of SEH, has now completed the restroom plans and would like Council's authorization to advertise for bids. Plans are available upon request. The proposed timelines are as follows:

- February 9<sup>th</sup>, 2026      Authorize bids
- March 4<sup>th</sup>, 2026        Open bids
- March 9<sup>th</sup>, 2026        Bid Recommendation

**Council Action is requested to authorize staff to solicit bids for the Centennial Park Restroom project**

3. **ADOPT RESOLUTION ACCEPTING PARK BENCH DONATION**

The Park and Recreation Advisory Committee has received a request from a family to place a bench along the County trail. The request is as follows:

- The Hoffman family in memory of Clyde Hoffman .

The application and resolution accepting the donation of the bench is included as *Exhibit 2*. The donation meets all the requirements as set forth in the Park Donation policy adopted by City Council. The Park and Recreation Advisory Board recommend the City Council accept the donation.

**Council action is requested to adopt the resolution accepting the donation of a park bench as presented, and authorize the Mayor and City Clerk to sign any necessary agreements**

## Summer Day Camp

2025 Fees: 199 individual campers attended one or more weeks of summer camp filling 760 slots.

220 participants enrolled into camp with Tier 1 status paying \$150/week

55 participants enrolled into camp with Tier 1 status paying \$125/week

453 participants enrolled into camp with Tier 1 status paying \$100/week

32 participants received additional Financial Assistance.

199 individual campers attended camp in 2024 (60 more individual campers than 2024 and 149 more individual campers than 2023).

43 kindergarteners

73 1<sup>st</sup> & 2<sup>nd</sup> graders

72 3<sup>rd</sup> – 5<sup>th</sup> graders

11 6<sup>th</sup> – 8<sup>th</sup> graders

Of those 199 individuals they filled 760 camp spots.

112 kindergarteners

280 1<sup>st</sup> & 2<sup>nd</sup> graders

318 3<sup>rd</sup> – 5<sup>th</sup> graders

50 6<sup>th</sup> – 8<sup>th</sup> graders

2024 Stats: 139 individual campers attended one or more weeks of summer camp filling 791 slots.

2023 Stats: 50 individual campers attended the 3 months of camp filling 500 slots.

Between the 2 years; in 2025 more individual students attended a week of camp than in 2024 however, the campers from 2025 averaged attending 2 weeks less of programming.

2026: If able, we will be adding a Mini Camp for Preschoolers and looking into the possibility of operating a year-round childcare center. Fees will be \$150. Financial Assistance will be given to those that apply and are eligible.

## WATERWORLD

See attached flyer for the 2026 proposed Water World Rates.

No changes to the Day Fees. 2026 changes apply to Family season pass: YMCA members from \$110 to \$150 and non-members from \$160 to \$200.

We will be adding more Lazy River Water Walking days, which was very popular. (I counted 28 walkers one morning)

**YMCA Sports Camps and City Sports** programs had excellent attendance. Participants received training and skill development from School Dist. 518 coaches and players.

**2025**

Youth	Program / Camp	Ages / Grades:	Fee: member/non-member
48	Tee-Ball program	3 & 4 yrs old	\$45/\$65
0	Pee-Wee Ball	Program was removed from YMCA and adjusted to WAYBA in 2025	
34	Girls Softball	1 <sup>st</sup> - 2 <sup>nd</sup> (12), 3 <sup>rd</sup> -5 <sup>th</sup> (13), 6 <sup>th</sup> -8 <sup>th</sup> (9)	\$50/\$70
16	Track & Field	1 <sup>st</sup> - 2 <sup>nd</sup> (7), 3 <sup>rd</sup> - 5 <sup>th</sup> (9)	\$50/\$70
14	Tennis	3 <sup>rd</sup> - 5 <sup>th</sup> (5), 6 <sup>th</sup> - 8 <sup>th</sup> (9)	\$50/\$70
42	Basketball	1 <sup>st</sup> - 2 <sup>nd</sup> (9), 3 <sup>rd</sup> - 5 <sup>th</sup> (18), 6 <sup>th</sup> - 8 <sup>th</sup> (15)	\$50/\$70
15	Dance	K - 2 <sup>nd</sup> (9), 3 <sup>rd</sup> - 5 <sup>th</sup> (6)	\$50/\$70
9	Flag Football	1 <sup>st</sup> - 2 <sup>nd</sup> (9)	\$50/\$70
16	Soccer	1 <sup>st</sup> - 2 <sup>nd</sup> (6), 3 <sup>rd</sup> - 5 <sup>th</sup> (10),	\$50/\$70
28	SWIFT Performance	10 yrs - 15 yrs old	\$80/\$120
15	Swim Camp	7yrs - 10 yrs (9), 11yrs - 15 yrs (6)	\$90/\$125

**2026**

Youth	Program	Ages / Grades:	Fee: member/non-member
60	Tee-ball program	3 & 4 yrs old	\$50/\$70
48	Girls Softball	1 <sup>st</sup> - 2 <sup>nd</sup> (18), 3 <sup>rd</sup> -5 <sup>th</sup> (18), 6 <sup>th</sup> -8 <sup>th</sup> (12)	\$55/\$75
25	Track & Field	1 <sup>st</sup> - 2 <sup>nd</sup> (12), 3 <sup>rd</sup> - 5 <sup>th</sup> (13)	\$55/\$75
14	Tennis	3 <sup>rd</sup> - 5 <sup>th</sup> (6), 6 <sup>th</sup> - 8 <sup>th</sup> (8)	\$55/\$75
48	Basketball	1 <sup>st</sup> - 2 <sup>nd</sup> (16), 3 <sup>rd</sup> - 5 <sup>th</sup> (16), 6 <sup>th</sup> - 8 <sup>th</sup> (16)	\$55/\$75
16	Dance	K - 2 <sup>nd</sup> (8), 3 <sup>rd</sup> - 5 <sup>th</sup> (8)	\$55/\$75
18	Flag Football	1 <sup>st</sup> - 2 <sup>nd</sup> (9), 3 <sup>rd</sup> - 5 <sup>th</sup> (9)	\$55/\$75
20	Soccer	1 <sup>st</sup> - 2 <sup>nd</sup> (10), 3 <sup>rd</sup> - 5 <sup>th</sup> (10),	\$55/\$75
28	SWIFT Performance	10 yrs - 15 yrs old	\$90/\$125
25	Swim Camp	7yrs - 10 yrs (9), 11yrs - 15 yrs (6)	\$90/\$125



# PROPOSED SUMMER 2026 RATES & HOURS

DAY FEE	
AGE	FEE
2 & Under.....	\$2
3 - 17.....	\$6
18 & Older.....	\$8
Family of 4.....	\$25
\$25.00 for a family up to 4 - \$5.00 per additional person	

SEASON PASSES	
AGE	FEE
12 - 17.....	\$80
18 & Older.....	\$105
Family.....	\$200*
* \$200 covers the cost for a family of four. \$25 is added for each additional person.	

 Worthington Area YMCA	
SEASON PASSES	
AGE	FEE
12 - 17.....	\$60
18 & Older.....	\$75
Family.....	\$150**
** \$150 covers the cost for a family of four. \$25 is added for each additional person. Must have a current Family or One Adult Household membership with the Worthington Area YMCA.	

Punch Card - 10 Punches/Card (1 Punch = 1 Entry).....\$60

**Worthington Water World is open  
12 PM - 7 PM, Monday - Saturday  
1 PM - 6 PM, Sunday**

Lazy River Water Walking: Monday-Friday, 10:30-11:30 AM.  
Monthly registration (June-August). \$30 YMCA members / \$50 non-members.

For the most up-to-date information about pool hours, weather-related closures, and more please follow us on Facebook & Instagram

CITY OF WORTHINGTON PARKS, MULTI USE PATHS AND RECREATION  
MEMORIAL DONATION APPLICATION

Name of Donor: Mary Ann Hoffman

Address of Donor: 811 Thompson Av, Worthington

Phone Number: Work: Home: Fax: 507-360-9351

Email: cmhffman@gmail.com

Description of Donation: A one time bench donation  
from the family of Clyde Hoffman which is to be used  
to purchase a park bench in memory of Clyde Hoffman.  
Similar to those already donated and in place.

Location of Donation: The bike path along Crailsheim Road (Near  
Honested)  
(westward facing) in a location deemed appropriate by the City according  
to the plan of the City.

Wording for Memorial Acknowledgment (if any): \_\_\_\_\_

In Memory of Clyde Hoffman

*All applications shall be accompanied with a letter describing the donation and how the proposed donation meets the applicable criteria outlined in the City Parks, Multi Use paths and Recreation Memorial Donation Policy.*

I have read and understand the Memorial and Donation Policy.

Donor: Mary Ann Hoffman Date: 12-31-25  
Sign and Print Both Mary Ann Hoffman

Donor: \_\_\_\_\_ Date: \_\_\_\_\_  
Sign and Print Both

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION ACCEPTING A DONATION OF PERSONAL PROPERTY**

WHEREAS, the City of Worthington has been notified that *the Hoffman Family*, hereinafter “Donor” desires to donate personal property to the City; and

WHEREAS, Donor has placed the following restrictions upon gift: The bench will be placed along the County trail; and

WHEREAS, Minn. Stat. 465.03 requires that acceptance of any donation be approved by the City Council by a two-thirds majority vote;

NOW, THEREFORE, be it RESOLVED:

The City of Worthington does hereby accept the donation referenced above with any and all conditions, if any, as specified by the donor.

That the Mayor and Clerk are authorized to sign said agreement on behalf of the City of Worthington.

Approved this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by a two thirds majority vote of the Worthington City Council with the following members voting in favor thereof:

\_\_\_\_\_, and \_\_\_\_\_; and the following members opposed: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ (if not, so state).

CITY OF WORTHINGTON

BY: \_\_\_\_\_  
Rick VonHoldt, Its Mayor

\_\_\_\_\_  
Mindy Eggers, Its Clerk

**ENGINEERING MEMO**

**DATE: FEBRUARY 9, 2026**  
**TO: MAYOR AND CITY COUNCIL**  
**SUBJECT: ITEMS REQUIRING COUNCIL ACTION OR REVIEW**

**CASE ITEMS**

**1. APPROVE PLANS FOR TOWER STREET AND TENTH AVENUE STREET RECONSTRUCTION AND AUTHROIZE ADVERTISEMENT FOR BIDS**

City staff has prepared plans and specifications for Tower Street and Tenth Avenue Street Reconstruction project in **Exhibit 1-1**. This project includes vacancy of Tower Street from Clary Street to Eleventh Avenue, and turning the portion of the street into a softball dedicated parking lot. This project was scheduled to be reconstructed in 2025 Capital Improvement Plan.

Staff requests that the Council adopt the resolution included in **Exhibit 1-2**, approving plans and specifications and authorizing the advertisement for bids. The bids would be received until 2:05 p.m. on March 11, 2026, with the results brought before the City Council for award consideration during the regular meeting on March 23, 2026.

**2. APPROVE PLANS FOR THIRD AVENUE WATER AND SANITARY SEWER MAIN RECONSTRUCTION AND AUTHORIZE ADVERTISEMENT FOR BIDS**

City staff has prepared plans and specifications for Third Avenue Water and Sanitary Sewer Main Reconstruction project in **Exhibit 2-1**. This project was scheduled to be reconstructed in 2026 and Street reconstruction in 2027.

Staff requests that the Council adopt the resolution included in **Exhibit 2-2**, approving plans and specifications and authorizing the advertisement for bids. The bids would be received until 2:00 p.m. on March 11, 2026, with the results brought before the City Council for award consideration during the regular meeting on March 23, 2026.

**3. APPROVE PUBLIC PEDESTRIAN UNDERPASS CROSSING AGREEMENT WITH UNION PACIFIC RAILROAD COMPANY**

A critical component of the East Okabena Lake Trail project is the installation of a pedestrian underpass at the railroad crossing with a 14' x 10' precast concrete box culvert.

This phase of construction requires a coordinated effort where the City is responsible for the placement and filling of the gap between the culvert and the existing abutment, while the Railroad handles the removal and reconstruction of the track and ballast section.

The total cost for this portion of the project is estimated at \$300,687.00. Under the terms of the agreement, the City assumes 100% of these costs, as well as any additional expenses that may arise during construction. Furthermore, the City will be responsible for all future maintenance and repairs of the underpass for as long as the structure remains on railroad property.

Staff recommends that the Council approve the agreement in **Exhibit 3**, to move forward.

4. **APPROVE NOBLES COUNTY 2026 MILL AND OVERLAY ON CRAILSHEIM ROAD**

The County is scheduled to perform a mill and overlay project on Crailsheim Road, segment from Oxford Street to Trunk Highway 60. Because this section of the roadway is located within city limits, the County is requesting the City's formal review and approval of the project plans and specifications. Additionally, to satisfy State Aid requirements, the City must adopt a supporting resolution. The proposed scope of work involves replacing the top 1.5 inches of the bituminous surface to improve road quality and longevity.

Staff recommends that the Council pass the resolution included in **Exhibit 4**.

**SPECIFICATIONS  
FOR  
PARKING LOT AND STREET RECONSTRUCTION  
WORTHINGTON, MINNESOTA**

**PREPARED BY:  
OFFICE OF THE CITY ENGINEER**

I hereby certify that these specifications were 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.

---

Hyunmyeong Goo  
Reg. No. 60671

Dated: February 11, 2026

## Contents

ADVERTISEMENT FOR BIDS .....	AD-1
PROPOSAL .....	PF-1
RESPONSIBLE CONTRACTOR VERIFICATION .....	A-1
BIDDER EQUAL OPPORTUNITY .....	A-4
ATTACHMENT A-1 .....	A-5
ATTACHMENT A-2 .....	A-6
SUBCONTRACTOR EQUAL OPPORTUNITY STATEMENT .....	A-7
FORM OF CONTRACT .....	FC 1
GOVERNING SPECIFICATION .....	G 1
S-1 (1103) DEFINITIONS.....	1
S-2 (1206) PREPARATION OF AND DELIVERY OF PROPOSAL .....	1
S-3 (1208) PROPOSAL GUARANTY .....	3
S-4 (1301) CONSIDERATION OF PROPOSALS.....	3
S-5 (1302) AWARD OF CONTRACT .....	3
S-6 (1305) REQUIREMENTS OF CONTRACT BOND .....	4
S-7 (1306) EXECUTION AND APPROVAL OF CONTRACT.....	4
S-8 (1404) MAINTENANCE OF TRAFFIC .....	4
S-9 (1507) UTILITY PROPERTY AND SERVICE.....	7
S-10 (1515) CONTROL AND HAUL ROADS.....	7
S-11 (1603) MATERIALS: SPECIFICATIONS, SAMPLES, TESTS, AND ACCEPTANCE.....	8
S-12 (1702) PERMITS, LICENSES, AND TAXES .....	8
S-13 (1706) EMPLOYEE HEALTH AND WELFARE .....	8
S-14 (1710) TRAFFIC CONTROL DEVICES.....	9
S-15 (1712) PROTECTION AND RESTORATION OF PROPERTY .....	9
S-16 (1714) RESPONSIBILITY FOR DAMAGE CLAIMS: INSURANCE.....	9
S-17 (1718) FURNISHING RIGHT-OF-WAY .....	11
S-18 (1801) SUBLETTING OF CONTRACT.....	12
S-19 (1804) PROSECTON OF WORK.....	12
S-20 (1805) METHODS AND EQUIPMENT .....	13
S-21 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME.....	14
S-22 (1807) FAILURE TO COMPLETE THE WORK ON TIME .....	14
S-23 (1903) COMPENSATION FOR INCREASED OR DECREASED QUANTITIES.....	14

S-24	(1903) COMPENSATION FOR CONTRACT REVISIONS.....	15
S-25	(1906) PARTIAL PAYMENTS.....	15
S-26	(2021) MOBILIZATION.....	15
S-27	(2101) CLEARING AND GRUBBING.....	15
S-28	(2104) REMOVING PAVEMENT AND MISCELLANEOUS STRUCTURES.....	16
S-29	(2106) EXCAVATION AND EMBANKMENT.....	17
S-30	(2108) GEOSYNTHETIC CONSTRUCTION MATERIALS.....	17
S-31	(2112) SUBGRADE PREPARATION.....	19
S-32	(2211) AGGREGATE BASE.....	19
S-33	(2212) DRAINABLE AGGREGATE BASE.....	19
S-34	(2301) CONCRETE PAVEMENT.....	20
S-35	(2502) SUBSURFACE DRAINS.....	21
S-36	(2506) MANHOLES AND CATCH BASINS.....	26
S-37	(2521) WALKS.....	28
S-38	(2531) CONCRETE CURBING.....	29
S-39	(2563) TRAFFIC CONTROL SIGNALS.....	30
S-40	(2573) STORMWATER MANAGEMENT.....	30
S-41	(2574) SOIL PREPARATION.....	32
S-42	(2575) ESTABLISHING VEGETATION AND CONTROLLING EROSION.....	32
S-43	(3137) COARSE AGGREGATE FOR PORTLAND CEMENT CONCRETE.....	34
S-44	(3138) AGGREGATE FOR SURFACE AND BASE COURSES.....	38
S-45	(3149) GRANULAR MATERIAL.....	39
S-46	(3301) REINFORCEMENT BARS.....	39
S-47	(3733) GEOSYNTHETIC MATERIALS.....	39
S-48	MANHOLE AND CATCH BASIN CLEANUP.....	39
S-49	FINAL CLEANUP.....	39
	EROSION CONTROL.....	ECP-1
	RAPID AND FINAL STABILIZATION.....	ECP-3

## **ADVERTISEMENT FOR BIDS**

Sealed bids will be received at the office of the City Clerk of the City of Worthington, Minnesota, **until 2:05 p.m. on Wednesday, March 11<sup>th</sup>, 2026.** At that time, they will be publicly opened in the Council Chambers of City Hall, 303 9<sup>th</sup> Street, by a bid opening committee. The bids and the bidders' responsibility will be considered publicly by the City Council at 5:30 p.m. on Monday, March 23, 2026, in Council Chambers, 303 Ninth Street.

### **PARKING LOT AND STREET RECONSTRUCTION**

Each bid must be accompanied by a certified check, cash, money order or bid bond for at least five percent (5%) of the amount of the bid, made payable to the City of Worthington, which amount shall be forfeited as liquidated damages if the bidder, upon the letting of the contract to him or her, shall fail to enter into the contract so let.

Plans, specifications, proposal forms, and contract documents as prepared by the City Engineer may be seen at the City Engineer's office.

Complete digital project bidding documents are available at [www.questcdn.com](http://www.questcdn.com). You may download the digital plan documents for \$22.00 by inputting Quest project #9466691 on the website's Project Search page.

Contractors desiring a printed copy of the Proposal Forms, Plans and Specifications, may obtain them from the office of the City Engineer, P. O. Box 279, Worthington, MN 56187. A non-refundable payment of \$23.17, plus applicable sales tax, (\$25.00 total) per set of plans and specifications is required at the time of purchase.

A contractor responding to this solicitation document shall submit to the City a signed statement under oath by an owner or officer verifying compliance with each of the minimum criteria in Minnesota Statutes, section 16C.285, subdivision 3. As used in this solicitation document, the term "responsible contractor" means a contractor as defined in Minnesota Statutes, section 16C.285, subdivision 3. Any prime contractor or subcontractor that does not meet the minimum criteria in Minnesota Statutes, section 16C.285, subdivision 3 or fails to verify that it meets those criteria is not a responsible contractor and is not eligible to be awarded the construction contract for the project or to perform work on the project. A false statement under oath verifying compliance with any of the minimum criteria shall render the prime contractor or subcontractor that makes the false statement ineligible to be awarded a construction contract on the project and may result in the termination of a contract awarded to a prime contractor or subcontractor that submits a false statement. A prime contractor shall submit to the City upon request copies of the signed verifications of compliance from all subcontractors of any tier under Minnesota Statutes, section 16C.285, subdivision 3, clause 7.

The City reserves the right to reject any and all bids and to waive irregularities and informalities therein and further reserves the right to award the contract to the best interests of the City.

All proposals must be addressed to: City Clerk, City Hall, P. O. Box 279, 303 Ninth Street, Worthington, MN 56187, and shall be endorsed thereon "BID FOR PARKING LOT AND STREET RECONSTRUCTION."

Dated at Worthington, Minnesota, this 11<sup>th</sup> day of February 2026.

Mindy Eggers, City Clerk  
City of Worthington  
Worthington, Minnesota

## PROPOSAL

**BID PROPOSAL FORM**  
**FOR**  
**PARKING LOT AND STREET RECONSTRUCTION**  
**WORTHINGTON, MINNESOTA**  
**TO BE SUBMITTED BY 2:05 PM ON WEDNESDAY, MARCH 11, 2026**

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
2021.501	MOBILIZATION	LS	1		
2104.502	TREE REMOVAL	EACH	10		
2104.502	REMOVE STORM STRUCTURE	EACH	16		
2104.602	SALVAGE AND INSTALL STREET SIGN	EACH	3		
2104.503	REMOVE STORM PIPE	LF	1063		
2104.503	REMOVE CURB AND GUTTER	LF	4144		
2104.504	REMOVE CONCRETE	SY	919		
2104.504	REMOVE BITUMINOUS PAVEMENT AND BITUMINOUS REMOVAL	SY	6609		
2105.602	SALVAGE AND INSTALL LIGHT POLE	EACH	3		
2106.507	EXCAVATION - COMMON GRAVEL (CV)	CY	1515		
2106.507	EXCAVATION - COMMON (CV)	CY	2469		
2106.610	EXPLORATORY EXCAVATION	HR	6		
2108.504	GEOTEXTILE FABRIC TYPE 4 (MODIFIED)	SY	12200		
2211.507	AGGREGATE BASE (CV) CLASS 5	CY	1356		
2212.507	DRAINABLE AGGREGATE BASE, TYPE DSB (CV)	CY	1849		
2301.059	DRILL AND GROUT 12" REINFORCEMENT BARS (EPOXY COATED)	EACH	106		
2360.509	TYPE SP 12.5 WEARING COURSE MIX (2, B)	TON	1275		
2503.503	4" PERF PE PIPE DRAIN (SUBGRADE INSTALLATION)	LF	3405		
2503.503	INSTALL 10" PVC PIPE	LF	585		
2503.503	INSTALL 12" PVC PIPE	LF	657		
2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN N	EACH	12		
2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN F	EACH	4		
2506.502	CASTING ASSEMBLY	EACH	16		
2506.502	ADJUST FRAME AND RING CASTING	EACH	3		
2521.504	REINFORCED CONCRETE PAVEMENT 6"	SY	7796		
2521.518	6" ADA CONCRETE WALK	SF	275		
2521.518	4" CONCRETE WALK	SF	1446		
2531.503	CONCRETE CURB AND GUTTER B618	LF	3405		
2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SY	140		
2531.618	TRUNCATED DOMES	SF	112		
2564.502	INSTALL NEW SIGN	EACH	3		
2565.501	TRAFFIC CONTROL	LS	1		
2573.501	EROSION CONTROL SUPERVISOR	LS	1		
2573.502	STORM DRAIN INLET PROTECTION	EACH	19		

2574.507	COMMON TOPSOIL BORROW (LV)	CY	2469	_____	_____
2575.604	RAPID STABILIZATION METHOD BFM	SY	823	_____	_____
2582.503	LINEAR MARKINGS 4" WIDTH PAINT SOLID LINE - YELLOW	LF	4838	_____	_____
2582.503	LINEAR MARKINGS 4" WIDTH PAINT 10/40 SKIP	LF	315	_____	_____
2600.503	TRENCH EXCAVATION AND BACKFILL	LF	1466	_____	_____
2600.507	GRANULAR MATERIAL (LV)	CY	489	_____	_____
2600.518	3" INSULATION	SF	336	_____	_____
2621.502	SANITARY SEWER INSTALLATION - MANHOLE	EACH	2	_____	_____
2621.503	4" PVC SANITARY SEWER SERVICE (SDR 35)	LF	60	_____	_____
2621.503	8" PVC SANITARY SEWER (SDR 35)	LF	310	_____	_____
			<b>TOTAL</b>	_____	_____

The undersigned has examined the proposed work's location, plans, specifications, and other contract documents, is familiar with local conditions at the place where the work is to be performed, and will complete the work as specified in the specification.

The City reserves the right to retain the deposit of the two lowest bidders for a period not to exceed sixty (60) days after the opening date and time set for the opening bids. No bid may be withdrawn for a period of sixty (60) days after the date and time for the opening bids.

That, in connection with this proposal, the said bidder has not either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

To the best of my knowledge and belief, the contents of this proposal have not been communicated by any bidder or by any of his/her employees or agents to any person who is not an employee or agent of the bidder or the surety on any bond furnished with the proposal and will not be communicated to any person who is not an employee or agent of the bidder or of said surety before the official opening of the proposal.

The City reserves the right to reject any and all bids and to waive irregularities and informalities therein and further reserves the right to award the contract to the best interest of the City.

A certified check, cash, money order, or bid bond, in the sum of not less than five percent (5%) of the proposal amount, is furnished to the Owner as a guarantee that the agreement will be executed and a performance bond furnished.

The undersigned hereby acknowledge the receipt of the following addenda:

Addenda                      Date

_____	_____
_____	_____
_____	_____

Respectfully submitted:

Company \_\_\_\_\_

Name and Title (Printed) \_\_\_\_\_

By: \_\_\_\_\_  
Signature

Street Address \_\_\_\_\_

City and State \_\_\_\_\_

Phone Number \_\_\_\_\_

Date \_\_\_\_\_

**RESPONSIBLE CONTRACTOR VERIFICATION  
ATTACHMENT A**

**PRIME CONTRACTOR RESPONSE**

**RESPONSIBLE CONTRACTOR VERIFICATION AND CERTIFICATION OF COMPLIANCE**

**PROJECT TITLE: PARKING LOT AND STREET RECONSTRUCTION**

**This form includes changes by statutory references from the Laws of Minnesota 2015, chapter 64, and sections 1-9. This form must be submitted with the response to this solicitation. A response received without this form will be rejected.**

<p>Minn. Stat. § 16C.285, Subd. 7. <b>IMPLEMENTATION.</b> ... Any prime contractor or subcontractor or motor carrier that does not meet the minimum criteria in subdivision 3 or fails to verify that it meets those criteria is not a responsible contractor and is not eligible to be awarded a construction contract for the project or to perform work on the project...</p>	
<p>Minn. Stat. § 16C.285, Subd. 3. <b>RESPONSIBLE CONTRACTOR, MINIMUM CRITERIA.</b> "Responsible contractor" means a contractor that conforms to the responsibility requirements in the solicitation document for its portion of the work on the project and verifies that it meets the following minimum criteria:</p>	
<p>(1)</p>	<p>The Contractor:</p> <ul style="list-style-type: none"><li>(i) is in compliance with workers' compensation and unemployment insurance requirements;</li><li>(ii) is in compliance with Department of Revenue and Department of Employment and Economic Development registration requirements if it has employees;</li><li>(iii) has a valid federal tax identification number or a valid Social Security number if an individual; and</li><li>(iv) Has filed a certificate of authority to transact business in Minnesota with the Secretary of State if a foreign corporation or cooperative.</li></ul>
<p>(2)</p>	<p>The contractor or related entity is in compliance with and, during the three-year period before submitting the verification, has not violated section 177.24, 177.25, 177.41 to 177.44, 181.03, 181.101, 181.13, 181.14, or 181.722, and has not violated United States Code, title 29, sections 201 to 219, or United States Code, title 40, sections 3141 to 3148. For purposes of this clause, a violation occurs when a contractor or related entity:</p> <ul style="list-style-type: none"><li>(i) repeatedly fails to pay statutorily required wages or penalties on one or more separate projects for a total underpayment of \$25,000 or more within the three-year period, provided that a failure to pay is "repeated" only if it involves two or more separate and distinct occurrences of underpayment during the three-year period;</li><li>(ii) has been issued an order to comply by the commissioner of Labor and Industry that has become final;</li><li>(iii) has been issued at least two determination letters within the three-year period by the Department of Transportation finding an underpayment by the contractor or related entity to its own employees;</li><li>(iv) has been found by the commissioner of Labor and Industry to have repeatedly or willfully violated any of the sections referenced in this clause pursuant to section 177.27;</li><li>(v) has been issued a ruling or findings of underpayment by the administrator of the Wage and Hour Division of the United States Department of Labor that have become final or have been upheld by an administrative law judge or the Administrative Review Board; or</li><li>(vi) Has been found liable for underpayment of wages or penalties or misrepresenting a construction worker as an independent contractor in an action brought in a court having jurisdiction. Provided that, if the contractor or related entity contests a determination of underpayment by the Department of Transportation in a contested case proceeding, a violation does not occur until the contested case proceeding has concluded with a determination that the contractor or related entity underpaid wages or penalties;*</li></ul>

(3)	The contractor or related entity is in compliance with and, during the three-year period before submitting the verification, has not violated section 181.723 or chapter 326B. For purposes of this clause, a violation occurs when a contractor or related entity has been issued a final administrative or licensing order;*
(4)	The contractor or related entity has not, more than twice during the three-year period before submitting the verification, had a certificate of compliance under section 363A.36 revoked or suspended based on the provisions of section 363A.36, with the revocation or suspension becoming final because it was upheld by the Office of Administrative Hearings or was not appealed to the office;*
(5)	The contractor or related entity has not received a final determination assessing a monetary sanction from the Department of Administration or Transportation for failure to meet targeted group business, disadvantaged business enterprise, or veteran-owned business goals, due to a lack of good faith effort, more than once during the three-year period before submitting the verification;*
	* Any violations, suspensions, revocations, or sanctions, as defined in clauses (2) to (5), occurring prior to July 1, 2014, shall not be considered in determining whether a contractor or related entity meets the minimum criteria.
(6)	The contractor or related entity is not currently suspended or debarred by the federal government or the state of Minnesota or any of its departments, commissions, agencies, or political subdivisions that have authority to debar a contractor; and
(7)	All subcontractors and motor carriers that the contractor intends to use to perform project work have verified to the contractor through a signed statement under oath by an owner or officer that they meet the minimum criteria listed in clauses (1) to (6).

<p>Minn. Stat. § 16C.285, Subd. 5. <b>SUBCONTRACTOR VERIFICATION.</b></p>	
<p>A prime contractor or subcontractor shall include in its verification of compliance under subdivision 4 a list of all of its first-tier subcontractors that it intends to retain for work on the project. Prior to execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit to the contracting authority a supplemental verification under oath confirming compliance with subdivision 3, clause (7). Each contractor or subcontractor shall obtain from all subcontractors with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each subcontractor.</p> <p>If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its verification of compliance, the prime contractor or subcontractor shall obtain verifications of compliance from each additional subcontractor with which it has a direct contractual relationship and shall submit a supplemental verification confirming compliance with subdivision 3, clause (7), within 14 days of retaining the additional subcontractors.</p> <p>A prime contractor shall submit to the contracting authority upon request copies of the signed verifications of compliance from all subcontractors of any tier pursuant to subdivision 3, clause (7). A prime contractor and subcontractors shall not be responsible for the false statements of any subcontractor with which they do not have a direct contractual relationship. A prime contractor and subcontractors shall be responsible for false statements by their first-tier subcontractors with which they have a direct contractual relationship only if they accept the verification of compliance with actual knowledge that it contains a false statement.</p> <p>Subd. 5a. <b>Motor carrier verification.</b> A prime contractor or subcontractor shall obtain annually from all motor carriers with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each motor carrier. A prime contractor or subcontractor shall require each such motor carrier to provide it with immediate written notification in the event that the motor carrier no longer meets one or more of the minimum criteria in subdivision 3 after submitting its annual verification. A motor carrier shall be ineligible to perform work on a project covered by this section if it does not meet all the minimum criteria in subdivision 3. Upon request, a prime contractor or subcontractor shall submit to the contracting authority the signed verifications of compliance from all motor carriers providing for-hire transportation of materials, equipment, or supplies for a project.</p>	

**Minn. Stat. § 16C.285, Subd. 4. VERIFICATION OF COMPLIANCE.**

A contractor responding to a solicitation document of a contracting authority shall submit to the contracting authority a signed statement under oath by an owner or officer verifying compliance with each of the minimum criteria in subdivision 3, with the exception of clause (7), at the time that it responds to the solicitation document.

A contracting authority may accept a signed statement under oath as sufficient to demonstrate that a contractor is a responsible contractor and shall not be held liable for awarding a contract in reasonable reliance on that statement. A prime contractor, subcontractor, or motor carrier that fails to verify compliance with any one of the required minimum criteria or makes a false statement under oath in a verification of compliance shall be ineligible to be awarded a construction contract on the project for which the verification was submitted.

A false statement under oath verifying compliance with any of the minimum criteria may result in termination of a construction contract that has already been awarded to a prime contractor or subcontractor or motor carrier that submits a false statement. A contracting authority shall not be liable for declining to award a contract or terminating a contract based on a reasonable determination that the contractor failed to verify compliance with the minimum criteria or falsely stated that it meets the minimum criteria. A verification of compliance need not be notarized. An electronic verification of compliance made and submitted as part of an electronic bid shall be an acceptable verification of compliance under this section provided that it contains an electronic signature as defined in section 325L.02, paragraph (h).

**CERTIFICATION**

**By signing this document I certify that I am an owner or officer of the company, and I certify under oath that:**

- 1) My company meets each of the Minimum Criteria to be a responsible contractor as defined herein and is in compliance with Minn. Stat. § 16C.285, and**
- 2) if my company is awarded a contract, I will submit Attachment A-1 prior to contract execution, and**
- 3) If my company is awarded a contract, I will also submit Attachment A-2 as required.**

**Authorized Signature of Owner or Officer:**

**Printed Name:**

**Title:**

**Date:**

**Company Name:**

**NOTE: Minn. Stat. § 16C.285, Subd. 2, (c) If only one prime contractor responds to a solicitation document, a contracting authority may award a construction contract to the responding prime contractor even if the minimum criteria in subdivision 3 are not met.**

**BIDDERS EQUAL OPPORTUNITY STATEMENT**

The undersigned hereby agrees:

(1) That, in the hiring of common or skilled labour for the performance of any work under this contract or any subcontract, no contractor, material supplier, or vendor, shall, because of race, creed, or colour, discriminate against the person or persons who are citizens of the United States or resident aliens who are qualified and available to perform the work to which the employment relates;

(2) That no contractor, material supplier, or vendor, shall, in any manner, discriminate against, or intimidate, or prevent the employment of any such person or persons, identified in clause (1) of this section, or on being hired, prevent, or conspire to prevent, the person or persons from the performance of work under this contract on account of race, creed, or colour;

(3) That a violation of this section is a misdemeanor; and

(4) That this contract may be cancelled or terminated by the city and all money due, or to become due under the contract, may be forfeited for a second or any subsequent violation of the terms or conditions of this contract.

The undersigned fully intends to comply with the standards of equal employment and anti-discrimination as cited in the Civil Rights Act of 1964 as amended in 1972 by the Equal Employment Opportunity Act, and Minnesota Statute 181.59 as amended.

Company: \_\_\_\_\_

By: \_\_\_\_\_  
Name and Title

Address: \_\_\_\_\_

City: \_\_\_\_\_

Date: \_\_\_\_\_

## ATTACHMENT A-1

### FIRST-TIER SUBCONTRACTORS LIST

#### SUBMIT PRIOR TO EXECUTION OF A CONSTRUCTION CONTRACT

#### PROJECT TITLE: PARKING LOT AND STREET RECONSTRUCTION

Minn. Stat. § 16C.285, Subd. 5. A prime contractor or subcontractor shall include in its verification of compliance under subdivision 4 a list of all of its first-tier subcontractors that it intends to retain for work on the project. Prior to the execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit to the contracting authority a supplemental verification under oath confirming compliance with subdivision 3, clause (7). Each contractor or subcontractor shall obtain from all subcontractors with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 before execution of a construction contract with each subcontractor.

FIRST TIER SUBCONTRACTOR NAMES* (Legal name of company as registered with the Secretary of State)	Name of city where company home office is located

\*Attach additional sheets as needed for submission of all first-tier subcontractors.

SUPPLEMENTAL CERTIFICATION FOR ATTACHMENT A-1	
<p><b>By signing this document I certify that I am an owner or officer of the company, and I certify under oath that:</b></p> <p><b>All first-tier subcontractors listed on attachment A-1 have verified through a signed statement under oath by an owner or officer that they meet the minimum criteria to be a responsible contractor as defined in Minn. Stat. § 16C.285.</b></p>	
Authorized Signature of Owner or Officer:	Printed Name:
Title:	Date:
Company Name:	

## ATTACHMENT A-2

### ADDITIONAL SUBCONTRACTORS LIST

**PRIME CONTRACTOR TO SUBMIT AS SUBCONTRACTORS ARE ADDED TO THE PROJECT**

**PROJECT TITLE: PARKING LOT AND STREET RECONSTRUCTION**

This form must be submitted to the Project Manager or individual as identified in the solicitation document.

Minn. Stat. § 16C.285, Subd. 5. ... If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its verification of compliance, the prime contractor or subcontractor shall obtain verifications of compliance from each additional subcontractor with which it has a direct contractual relationship and shall submit a supplemental verification confirming compliance with subdivision 3, clause (7), within 14 days of retaining the additional subcontractors.

<b>ADDITIONAL SUBCONTRACTOR NAMES*</b> (Legal name of company as registered with the Secretary of State)	<b>Name of city where company home office is located</b>

\*Attach additional sheets as needed for submission of all additional subcontractors.

<b>SUPPLEMENTAL CERTIFICATION FOR ATTACHMENT A-2</b>	
<p><b>By signing this document I certify that I am an owner or officer of the company, and I certify under oath that:</b></p> <p><b>All additional subcontractors listed on Attachment A-2 have verified through a signed statement under oath by an owner or officer that they meet the minimum criteria to be a responsible contractor as defined in Minn. Stat. § 16C.285.</b></p>	
<b>Authorized Signature of Owner or Officer:</b>	<b>Printed Name:</b>
<b>Title:</b>	<b>Date:</b>
<b>Company Name:</b>	

**SUBCONTRACTOR/VENDOR  
EQUAL OPPORTUNITY STATEMENT**

The undersigned hereby agrees:

- (1) That, in the hiring of common or skilled labor for the performance of any work under this contract, or any subcontract, no contractor, material supplier, or vendor, shall, because of race, creed, or colour, discriminate against the person or persons who are citizens of the United States or resident aliens who are qualified and available to perform the work to which the employment relates;
- (2) That no contractor, material supplier, or vendor, shall, in any manner, discriminate against, intimidate, or prevent the employment of any such person or persons, identified in clause (1) of this section, or on being hired, prevent, or conspire to prevent, the person or persons from the performance of work under this contract on account of race, creed, or colour;
- (3) That a violation of this section is a misdemeanor; and
- (4) That this contract may be cancelled or terminated by the city and all money due, or to become due under the contract, may be forfeited for a second or any subsequent violation of the terms or conditions of this contract.

The undersigned fully intends to comply with the standards of equal employment and anti-discrimination as cited in the Civil Rights Act of 1964 as amended in 1972 by the Equal Employment Opportunity Act, and Minnesota Statute 181.59 as amended.

Company: \_\_\_\_\_

By: \_\_\_\_\_  
Name and Title

Address: \_\_\_\_\_

City: \_\_\_\_\_

Date: \_\_\_\_\_

**FORM OF CONTRACT**

THIS AGREEMENT, made on the \_\_\_\_\_ day of \_\_\_\_\_, 2026 by and between the City of Worthington, Minnesota, dba Worthington Public Utilities, party of the first part, hereinafter called the City or the Owner, and \_\_\_\_\_, party of the second part, hereinafter called the Contractor.

WITNESSETH, that the Contractor and the City, for the consideration named, agree as follows:

The Contractor hereby agrees to furnish all of the materials, equipment, tools and labour necessary, and to perform all of the work shown on the drawings and described in the specifications for the project entitled PARKING LOT AND STREET RECONSTRUCTION, all under the requirements and provisions of the plans and specifications dated **11 February 2026** prepared by the City Engineer.

Said plans and specifications, the proposal by the Contractor, and performance and payment bonds are hereby specifically made a part of the contract as fully as though set out herein verbatim.

The City agrees to pay the Contractor for the work completed in accordance with the price set forth in the Contractor's proposal. Payments will be made as prescribed in the specifications and contract documents.

IN WITNESS WHEREOF, the parties hereto have executed this agreement on the day and year first above written.

By: \_\_\_\_\_  
Title: Mayor

By: \_\_\_\_\_  
Title:

By: \_\_\_\_\_  
Title: Clerk

By: \_\_\_\_\_  
Title:

Attest \_\_\_\_\_

Attest \_\_\_\_\_

Attest \_\_\_\_\_

Attest \_\_\_\_\_

# **GOVERNING SPECIFICATIONS**

The State of Minnesota Department of Transportation's 2020 edition of "Standard Specifications for Construction" in the office of the Commissioner of Transportation, shall apply to this contract except as modified or altered in the following Special Provisions.

## **STANDARD SPECIFICATIONS FOR SANITARY SEWER AND STORM SEWER INSTALLATION SECTION 2621**

Standard Specifications for Sanitary Sewer Installation, City Engineer's Association of Minnesota, 2023 Edition shall apply to this contract for furnishing and installing sanitary sewer main and sanitary sewer service work, except as modified or altered in the Special Provisions CEAM Specifications are available at the CEAM website [www.ceam.org](http://www.ceam.org) or printed copies will be furnished by the City upon request.

**SPECIAL PROVISIONS**  
**GENERAL CONDITIONS**

**S-1 (1103) DEFINITIONS**

The definitions of Department and Commissioner are hereby replaced by the following:

**S-1.1**

DEPARTMENT: City of Worthington

COMMISSIONER: City Engineer, except in those cases where the specified duties or responsibilities of the Commissioner exceed the legal powers of the City Engineer in which case the Commissioner shall mean the City Council.

**S-1.2**

Holidays shall be as observed by the City per Minnesota State Statue M.S. 645.44 with the Friday after Thanksgiving being observed as a Holiday and Columbus Day not being observed as a Holiday. Juneteenth shall be observed as a holiday.

**S-1.3**

The Owner does incur additional cost when Saturday work is allowed therefore no work will be allowed on Saturdays, Sundays, or holidays except as may be approved by the Engineer in special circumstances beyond the control of the Contractor which warrant such work.

**S-2 (1206) PREPARATION OF AND DELIVERY OF PROPOSAL**

The provisions of 1206 are hereby deleted and the following are substituted therefore:

**S 2.1**

Each bid proposal shall include the bidder's Equal Opportunity statement.

**S 2.2**

**1206.1 PREPARATION AND DELIVERY**

The bidder shall submit a Proposal upon the bid schedule forms furnished by the City except as allowed in S-2.4.

The bidder shall:

(a) Specify a unit price in figures for each pay item for which a quantity is given, (for all items with a quantity of "Lump Sum" a numeric quantity of "1" shall be assumed) except as not required in the case of alternative items.

(b) Show the products of the respective unit prices and quantities in figures in the column provided for that purpose.

(c) Show the total amount of the Proposal obtained by adding the amounts of the several items.

All figures shall be in ink, typed or computer printed. In the case of a discrepancy between a unit bid price and the extension, the unit price will govern.

When an item in the Proposal contains a choice to be made by the bidder, the bidder shall indicate the choice per the Specifications for that item, and thereafter, no further choice will be permitted.

The bidder's Proposal shall be signed with ink by the individual, by one or more members or officers of each firm representing a joint venture, or by one or more officers of a corporation. If the Proposal is made by an individual, the name and post office address shall be shown; by a partnership, the name and post office address of each partner shall be shown; as a joint venture, the name and post office address of each member or officer of the firms represented by the joint venture shall be shown; by corporation, the State in which it is chartered, and the business address of its corporate officials shall be shown.

## S 2.3

### 1206.2 ALTERATIONS

The bidder's attention is directed to MN Statute § 161.32 subd. 1c, which provides among other things, that a bid will be rejected if it contains any alterations or erasures that are not corrected as follows:

(a) The alteration or erasure must be crossed out and the correction printed in ink, typewritten or computer printed adjacent to it, and

(b) The correction must be initialled in ink by the person signing the bid proposal.

Any alteration or erasure made by the bidder in the Proposal in accordance with a specific instruction contained in an "Addendum" will not be considered to be an "alteration or erasure" within the meaning of the Statute.

## S 2.4

### 1206.3 ALLOWABLE SUBSTITUTIONS

The bidder may submit computer-printed proposal forms. Any computer-printed proposal form shall include all of the exact language, bid items, and any other contents included in the original proposal form furnished by the City. The language, bid items, and all other contents of the original form shall be printed to accurately reproduce the proposal forms furnished by the City.

An Excel file of the proposal forms containing bid items is available from the City. The City does not warrant the use of the file. The bidder shall be solely responsible for ensuring that the computer-printed forms accurately reproduce the original proposal forms furnished by the City.

Bids submitted on computer-printed forms that do not conform to these requirements will be rejected.

### **S-3 (1208) PROPOSAL GUARANTY**

The provisions of 1208 are hereby deleted and the following are substituted therefore:

Each proposal shall be accompanied by a separate guaranty of character and in the amount no less than the amount indicated in the proposal form. The guaranty shall be either a certified check, bid bond, cash, or money order made payable to the Contracting Authority.

### **S-4 (1301) CONSIDERATION OF PROPOSALS**

The provisions of 1301 are hereby supplemented by the following:

The City cannot award a construction contract in excess of \$50,000 unless the Bidder is a “responsible contractor” as defined in Minnesota Statutes §16C.285, subdivision 3. A Bidder submitting a Proposal for this Project must verify that it meets the minimum criteria specified in that statute by submitting the Responsible Contractor Verification and Certification of Compliance form. A company owner or officer must sign the Responsible Contractor Verification and Certification of Compliance form under oath verifying compliance with each of the minimum criteria. Bidders must obtain verifications of compliance from all subcontractors. A Bidder must submit signed copies of verifications and certifications of compliance from subcontractors upon the City’s request.

A Bidder or subcontractor who does not meet the minimum criteria established in Minnesota Statutes §16C.285, subdivision 3, or who fails to verify compliance with the criteria, will not be a “responsible contractor” and will be ineligible to be awarded the Contract for this Project or to work on this Project. Making a false statement verifying compliance with any of the minimum criteria will render the Bidder or subcontractor ineligible to be awarded a construction contract for this Project and may result in the termination of a contract awarded to a Bidder or subcontractor that makes a false statement.

A Bidder must also identify each subcontractor it intends to use on the Project. A Bidder must complete Attachment A-1 and submit it with the Responsible Contractor Verification and Certification of Compliance form, identifying each subcontractor it intends to use as of the time of bid submission. **THE COMPLETED FORMS MUST BE SUMMITTED WITH THE BID PROPOSAL.**

If the Bidder retains additional subcontractors after submitting its Responsible Contractor Verification and Certification of Compliance form, then the Bidder must submit Attachment A-2 within 14 days of retaining the additional subcontractor. Attachment A-2 must be submitted to the Project Engineer with the Request to sublet forms.

### **S-5 (1302) AWARD OF CONTRACT**

The provisions of 1302 are hereby supplemented by the following:

It is the intent of the City to award all Schedules of Work (a single contract will be awarded) However, the Schedules of Work within this contract have various funding sources and budgets, therefore the City retains the right to not award any schedule of work without adjustment of bid prices or other additional compensation.

As a condition precedent to the award of the contract, the bidder shall furnish proof that he/she complies with Minnesota Statutes Section 363, as amended by Laws of 1969, implementing the rules and regulations of the Minnesota Department of Human Rights.

**S-6 (1305) REQUIREMENTS OF CONTRACT BOND**

The provisions of 1305 are hereby supplemented by the following:

The Contractor shall furnish a performance bond and a payment bond acceptable to the City, each for 100% of the contract amount, in conformity with Minnesota Statutes, Section 574.

The provisions of 1305 are hereby supplemented by the following:

The prime contractor shall advise each subcontractor and supplier to familiarize themselves with the provisions of Minnesota State Statute 574.31.

**S-7 (1306) EXECUTION AND APPROVAL OF CONTRACT**

The provisions of 1306 are hereby supplemented by the following:

The Contractor shall return the contract, performance bond, payment bond and certificate of insurance within ten (10) days after receipt of the contract form. The City will execute the contract within five (5) working days of receipt from the Contractor.

**S-8 (1404) MAINTENANCE OF TRAFFIC**

The provisions of 1404 are hereby supplemented by the following:

The necessity to maintain access to abutting businesses, institutions and residences affected by construction results in the following requirements.

Traffic shall be maintained at all times in accordance with the provisions of MnDOT 1404, MnDOT 1710 and the following:

**S-8.1**

The Contractor should note the provisions of 1404.A regarding maintaining approaches to institutions and residences. In general, the Contractor shall maintain approaches to the abutting institutions and residences and make all reasonable efforts to maintain local traffic access as construction allows. At a minimum, traffic shall be maintained as per the following:

The Contractor shall keep the portions of the project being used by public traffic, whether it be through or local traffic, in such condition (hard surfaced or aggregate surfaced) that the traffic will be adequately accommodated at all times.

**S-8.2**

The project area of Tower Street and 10<sup>th</sup> Avenue may be closed to traffic. It is further required that the Contractor maintain limited traffic access to approaches of the abutting residences following removals, excavation and aggregate base placement, except during curb and gutter, and driveway construction and curing. The Contractor shall be allowed to close these street segments to all traffic during concrete street paving and bituminous wear course placement work only.

#### S-8.4

The Contractor should note that maintaining access shall be at his or her own expense and will include but is not limited to, ramping over excavations.

#### S-8.5

The Contractor shall allow for access to emergency vehicles (ambulance, rescue squad and/or fire truck) at all times.

#### S-8.6

All traffic control devices for maintenance of traffic through the construction zone shall be by the Contractor in accordance with the provisions of MnDOT 1404, MnDOT 1710, and the following:

#### TRAFFIC CONTROL REQUIREMENTS

- A. The Contractor shall furnish, install, maintain, and remove all construction signs, barricades, barricade weights, and warning lights which are needed for the guidance, warning and control through the construction site as specified herein.
- B. The Contractor shall further provide sufficient surveillance of the traffic control devices to ensure attention. The Contractor shall furnish names, addresses, and phone numbers of at least two (2) local individuals responsible for the traffic control devices to the Engineer for forwarding to the City Police Department for use in emergencies requiring adjustment of the signing during non-construction working hours. Response time to the construction site shall be 30 minutes or less after Police Department notification.
- C. All work required to furnish and maintain the traffic control devices as specified shall be included in the lump sum price for "Traffic Control Devices for Construction" unless otherwise noted.
- D. Based on the lump sum contract price for "Traffic Control Devices for Construction", partial payments will be made as follows:
  - When five percent (5%) or more of the original contract amount is earned, 25 percent (25%) of the amount bid for "Traffic Control Devices for Construction" will be paid.
  - When 25 percent (25%) or more of the original contract amount is earned, 50 percent (50%) of the amount bid for "Traffic Control Devices for Construction" will be paid.

- When 50 percent (50%) or more of the original contract amount is earned 75 percent (75%) of the amount bid for "Traffic Control Devices for Construction" will be paid.
- When 75 percent (75%) or more of the original contract amount is earned 90 percent (90%) of the amount bid for "Traffic Control Devices for Construction" will be paid.
- Except as noted below, 100 percent (100%) of the amount bid for "Traffic Control Devices for Construction" will be paid upon completion of all contract work.

E. Work will not be allowed to begin until the Contractor has installed the necessary controls for the maintenance of traffic.

F. The Contractor shall have available the minimum number of control devices required in Table A per each Schedule of work under construction.

G. Reflective sheeting for traffic control signs and rigid traffic control devices shall be MnDOT "Tentative Standard No. 6" commonly referred to as Diamond Grade sheeting, except for No Parking Symbol, R8-3a signs which shall be MnDOT "Standard No. 1" commonly referred to as Engineer grade sheeting. Reflective sheeting for flexible traffic control devices shall be MnDOT "Tentative Standard No. 4" commonly referred to as flexible high-intensity sheeting.

H. The Contractor shall have at least two extra Type I modified; two extra Type III barricades; and six extra drum-like channelizers stored at a convenient site for use in an emergency.

I. The exact location of all traffic control devices will be determined by the Engineer in the field.

J. Unless otherwise indicated, all signs which are independently mounted, not attached to a barricade, shall be attached to temporary skid mounts with two vertical posts for sign attachment. Signs which are shown in the Standard Signs Manuals as being punched for one post shall be redrilled for two posts. The required minimum mounting height for each sign is 7 feet as measured from the edge of the through roadway to the lowest point on the sign.

K. If the Engineer should order additional control, other than that required above, it will be included as extra work and the Contractor will be reimbursed at the invoice rental prices plus 15% for each additional traffic control device. Current rental price shall be furnished to the Engineer before such installation. Rental prices plus 15% will be considered payment in full for all costs incurred.

L. All traffic control devices to be furnished and used by the Contractor shall be made available for inspection prior to the installation. The exact location of all traffic control devices will be determined by the Engineer in the field.

M. Any drop-off next to a lane of travel which remains overnight shall be protected with traffic drums at 50-foot spacing.

N. When signs such as the single-headed arrow (W1-6) are mounted on Type III barricades the bottom edge of the sign shall be no lower than the bottom edge of the top rail of the barricade.

O. Weighted Channelizers Type A shall be the following or an approved equal:

The Type A weighted channelizers shall be constructed of a flexible resilient material which is standard orange in color. This material shall be compatible with the reflective sheeting specified herein to avoid reflective sheeting failures.

The dimensions of the Type A weighted channelizer shall be a minimum of 42" high, with a minimum weight of base 16 pounds per MN MUTCD section 6F.63.

The Type A weighted channelizer shall be reflectorized for night-time visibility with two - 4-inch-wide orange and two - 4-inch-wide white reflective bands. These bands shall be of reflective sheeting material for flexible traffic control devices MnDOT "Tentative Standard No. 4" commonly referred to as flexible high-intensity sheeting.

P. The drum-like channelizers shall be the following or an approved equal:

The drum-like channelizer shall be constructed of a flexible resilient material which is standard construction orange in color. This material shall be compatible with the reflective sheeting specified herein to avoid reflective sheeting failures.

The dimensions of the drum-like channelizers shall be approximately 36" high, with a minimum 18" dimension facing traffic, and a minimum width of 9" regardless of viewing angle.

The drum-like channelizer shall be reflectorized for night-time visibility with two - 4-inch-wide orange and two - 4-inch-wide white reflective bands. These bands shall be of reflective sheeting material for flexible traffic control devices MnDOT "Tentative Standard No. 4" commonly referred to as flexible high-intensity sheeting.

**S-9 (1507) UTILITY PROPERTY AND SERVICE**

The provisions of 1507 are supplemented by the following:

The absence of the elevations of utility property or appurtenances on the plan sheets shall not be considered an omission of the existence of utility property and will not be accepted as justification for an extra work claim.

The Contractor shall employ special equipment or construction methods and hand labor if necessary to accomplish the work as planned adjacent to utility properties without damage thereto.

**S-10 (1515) CONTROL AND HAUL ROADS**

The provisions of 1515 are hereby supplemented by the following:

The Contractor shall be responsible for his or her operations on any roads or highways outside the jurisdiction of the City.

In general, the Contractor shall not be allowed to operate loaded trucks on previously paved areas under this contract. This will require the paving operation to be switched in direction or travel at the end of paving passes and the extended backing of loaded mix trucks.

The operating of loaded or unloaded trucks and heavy equipment shall be restricted to 9- or 10-ton streets and is only permitted on residential streets as approved by the Engineer.

## **S-11 (1603) MATERIALS: SPECIFICATIONS, SAMPLES, TESTS, AND ACCEPTANCE**

The provisions of 1603 are hereby amended and supplemented by the following:

The first paragraph is hereby deleted and replaced with the following:

Sampling and testing of materials for this project will be in accordance with the latest version of the State Aid for Local Transportation (SALT) “Schedule of Materials Control-Local Government Agency” (SMC-LGA). This schedule establishes the size of samples and the minimum rate of testing, but in no way affects Specification requirements for the material.

## **S-12 (1702) PERMITS, LICENSES, AND TAXES**

The provisions of 1702 are hereby supplemented by the following:

Each Contractor and subcontractor shall comply with the standards of Minnesota Statute 290.92 and 270C.66 concerning the withholding of Minnesota income tax from wages paid to employees. Compliance includes the prime Contractor’s submittal of a Minnesota Department of Revenue certified IC-134 Withholding Affidavit for Contractors form to the Engineer prior to issuance of the final payment.

Out of state Contractors and subcontractors are also subject to the Minnesota Statute 290.9705. Unless the Contractor submits to the City a Certificate of Surety Exemption issued by the Minnesota Department of Revenue the City will withhold eight (8%) percent of each payment on all contracts in an amount over \$100,000 as a surety deposit until the Contractor submits said certified copy.

Application for permits has been made by the owner to the Minnesota Health Department and applicable watershed district.

Water for turf restoration shall be furnished by the Contractor from the source of his choice. Should the Contractor choose to pump water from Okabena Lake a Department of Natural Resources General Permit for Temporary Water Appropriations (97-005) permit is required, a copy of which is to be given to the Engineer.

## **S-13 (1706) EMPLOYEE HEALTH AND WELFARE**

The provisions of 1706 are hereby supplemented by the following:

The Contractor shall post and maintain the job site per OSHA requirements.

**S-14 (1710) TRAFFIC CONTROL DEVICES**

The provisions of 1710.1 through 1710.3 are hereby amended by the following:

S-14.1

All traffic control devices and methods shall conform to the Minnesota Manual on Uniform Traffic Control Devices (MN MUTCD), Minnesota Standard Signs Manuals Parts I, II, and III, the Traffic Engineering Manual, and the following:

The Contractor shall conform to all NCHRP Report 350 requirements for temporary traffic control devices used on this Project, including Category II devices which went into effect on October 1, 2000. Crash testing requirements will only apply to those devices purchased after October 1, 2000. Devices purchased prior to October 1, 2000, may be used through January 1, 2006.

All Category I and Category II temporary traffic control devices used on or after January 1, 2006, shall meet NCHRP 350 crash testing criteria. This includes all new and used Category I and Category II devices. Category I devices include tube markers, plastic drums, cones, etc. Category II devices include portable sign supports, Type I, II and III barricades, etc.

S-14.2

The provisions of 1710.3 are hereby deleted. The Contractor shall provide, install, maintain, or remove all necessary traffic control devices to control and guide traffic through the construction site as provided for in S-8 Maintenance of Traffic.

S-14.3

The Contractor shall be responsible for all barricades, lights, signs and other traffic control devices for vehicular, bike and/or pedestrian control, as set forth in Section 1710. Work will not be allowed to begin until the Contractor has installed the necessary controls for the maintenance of traffic.

**S-15 (1712) PROTECTION AND RESTORATION OF PROPERTY**

The provisions of 1712.1A are hereby supplemented and amended by the following:

The Contractor shall note the requirements for his responsibility to preserve all horizontal monuments (property pins) indicated on the plans or noted in writing by the Engineer prior to work in the vicinity of the monument. If the Engineer determines that a monument has been disturbed during construction activities, the Contractor will be required to employ and pay a registered land surveyor to restore the monument and provide the City with a copy of the certified survey used to restore the monument.

**S-16 (1714) RESPONSIBILITY FOR DAMAGE CLAIMS: INSURANCE**

The provisions are hereby amended and supplemented by the following:

S-16.1

To the fullest extent permitted by law, the Contractor agrees to defend, indemnify and hold harmless the City, and its employees, officials, and agents from and against all claims, actions, damages, losses and expenses, including reasonable attorney fees, arising out of the Contractor's negligence or the Contractor's performance or failure to perform its obligations under this Agreement. The Contractor's indemnification obligation shall apply to the Contractor's subcontractor(s), anyone directly or indirectly employed or hired by the Contractor, or anyone for whose acts the Contractor may be liable. The Contractor agrees this indemnity obligation shall survive the completion or termination of the contract.

## S-16.2

The Contractor and each subcontractor shall secure and maintain such insurance policies as will protect that Contractor or subcontractor and unless otherwise specified, the Owner, from claims for bodily injuries, death or property damage, which may arise from operations under this contract whether such operations be by the Contractor or subcontractor, or anyone employed directly or indirectly by them.

The Contractor or any subcontractor shall not commence work under this contract until the Contractor and each subcontractor have obtained all insurance required herein and such insurance has been approved by the City of Worthington. Insurance coverage shall be maintained throughout the life of this contract and for two (2) years from the time of final acceptance of the improvement by the owner. The Contractor and each subcontractor shall deliver to the City of Worthington executed copies of all policies or a certificate of insurance. The Contractor's policies and Certificate of Insurance shall contain a provision that coverage afforded under the policies shall not be cancelled without at least thirty (30) days advanced written notice to the City, or ten (10) days written notice for non-payment of premium.

### (1) Worker's Compensation Insurance

Except as provided below, the Contractor must provide Worker's Compensation insurance for all its employees and, in case any work is subcontracted, the Contractor will require the subcontractor to provide Worker's Compensation insurance per the statutory requirements of the State of Minnesota, including Coverage B, Employer's Liability. Insurance minimum limits are as follows:

- \$1,000,000 - Bodily Injury by Disease per employee
- \$1,000,000 - Bodily Injury by Disease aggregate
- \$1,000,000 - Bodily Injury by Accident

If Minnesota Statutes, Section 176.041 exempts the Contractor from Worker's Compensation insurance or if the Contractor has no employees, the Contractor must provide a written statement, signed by an authorized representative, indicating the qualifying exemption that excludes the Contractor from the Minnesota Worker's Compensation requirements.

### (2) Public Liability and Property Damage Insurance

The Contractor and each subcontractor shall take out and maintain during the term of this contract, Commercial General Liability Insurance including products/completed operations, personal injury and advertising injury, blanket contractual liability and premises and operations bodily injury and property damage in an amount not less than \$1,000,000.00 (one million dollars) per occurrence and \$2,000,000.00 (two million dollars) aggregate limit. Explosion, collapse and underground (XCU) exclusions are not permitted.

(3) Commercial or Business Automobile Liability Insurance

The Contractor and each subcontractor shall take out and maintain during the term of this contract, Commercial or Business Automobile Liability Insurance in an amount not less than \$1,000,000.00 (one million dollars) per occurrence combined single limit for bodily injury and property damage. Coverage must be included for “owned, hired, and non-owned automobiles”.

(4) Additional Insured

The City shall be endorsed as an additional insured under the Contractor's and each subcontractor's Commercial General Liability Insurance policies for not less than \$1,000,000.00 (one million dollars) per occurrence and \$2,000,000.00 (two million dollars) aggregate limit.

(5) Limits

The above \$1,000,000.00 (one million dollars) per occurrence and \$2,000,000.00 (two million dollars) aggregate limits can be met with the primary policy or a combination including an excess liability or commercial umbrella policy.

(6) Minimum Insurance Requirements

No representation is made that the minimum insurance requirements required by the City are sufficient to cover the obligations of the Contractor under the contract. The City's failure to approve or disapprove the Contractor's policies or certificate shall not relieve the Contractor of full responsibility to maintain the required insurance

(7) Primary Insurance

The Contractor's policies shall be primary insurance and non-contributory to any other valid and collectible insurance available to the City with respect to any claim arising out of the Contractor's performance under the contract.

(8) Modification of Insurance Requirement

The City reserves the right to modify its insurance requirements, including limits, based on the nature of the risk, the scope of the project, prior experience, and other special circumstances.

**S-17 (1718) FURNISHING RIGHT-OF-WAY**

The provisions of 1718 are hereby supplemented by the following:

The Contractor should familiarize himself/herself with the provided right-of-way, easement or removal limits as shown on the plan sheets. The Contractor shall not temporarily store or dispose of materials nor store equipment outside City right-of-way and should plan accordingly.

The Contractor shall take care not to damage any surface improvements or vegetation in or outside the removal limits unless specifically designated for removal. The Contractor shall be solely responsible for

any property damage resulting from work done by the Contractor, any of his or her subcontractors or suppliers, to any turf, structure, or improvement which is not specifically designated for removal.

## **S-18 (1801) SUBLETTING OF CONTRACT**

The provisions of 1801 are hereby supplemented by the following:

Each subcontractor shall be required to submit an Equal Opportunity statement.

## **S-19 (1804) PROSECTION OF WORK**

The provisions of 1804 are hereby supplemented by the following:

### **S-19.1 COMMENCEMENT OF WORK**

A written notice to proceed will be issued at the time of the City's acceptance of the contract.

### **S-19.2 WORK REQUIREMENTS**

#### **General**

Throughout the project, the Contractor shall schedule work so that driveway, sidewalk access, and curb backfilling work progresses in a timely manner as concrete curing conditions allow. Turf restoration shall be performed at each street location as per the requirements of the Erosion Control Plan.

The Contractor shall so locate his or her equipment and materials stockpiles and perform excavations as necessary to aid in maintaining pedestrian, driveway, and street access.

The Contractor shall not be allowed to operate loaded trucks on areas previously paved in 2024. Unloaded trucks shall be operated on newly paved areas to the minimum extent required.

Concrete curb and gutter, driveway, manhole casting adjustments, and ADA ramp work may be performed concurrently.

The Contractor shall keep the portions of the project being used by local public traffic in such condition (hard surfaced or aggregate surfaced) that the traffic will be adequately accommodated at all times. It is further required that the Contractor shall maintain all disturbed street pavements with aggregate surfacing until placement of hard surfacing. Furnishing, placing, and salvaging aggregate surfacing shall be incidental to aggregate base construction (planned quantity) with no additional compensation being made therefore.

### **S-19.3 LIMITATION OF OPERATIONS - GENERAL**

ADA sidewalk ramp work consisting of the removal of necessary pavement, curb, and sidewalk; and replacement concrete curb and gutter, pavement and concrete sidewalk with truncated dome panels shall be completed within three (3) working days of the Contractors commencing any ADA ramp work per individual location. The Contractor should note that equipment (dump trucks, mix trucks, loaders, and

pavers etc.) are restricted from new pavement slabs until the concrete has attained an age of seven (7) days.

For all Schedules of work, concrete curb and gutter repair work shall be completed within three (3) working days of the Contractors removal of the existing hard surfacing per individual location. Locations with driveway work will be allowed five (5) working days which includes the time for concrete curing. The Contractor should note that equipment (dump trucks, mix trucks, loaders, pavers etc.) is restricted from new pavement slabs until the concrete has attained an age of 7 days.

## S-19.4 LIMITATION OF OPERATIONS – PAVEMENT IMPROVEMENTS

The following construction requirements have been detailed for this contract to maintain the best possible traffic use and access:

The Contractor shall complete bituminous removal, excavation, and aggregate base placement before commencing bituminous removal work on subsequent phases within a Schedule or on a subsequent Schedule.

For all Schedules of work, concrete paving shall be completed as a continuous operation with all other haul road restrictions maintained.

At storm sewer work locations, the Contractor shall be required to adequately maintain (weekly or on a compliant basis) the disturbed pavement areas with temporary aggregate surfacing for traffic use until subsequent street pavement removal and excavation are resumed and completed.

Manhole casting adjustment and furnish and install manhole castings work consisting of the necessary removal of bituminous, bituminous overlaid concrete pavement or concrete pavement; adjusting existing castings; furnishing and installing new manhole castings; and replacement of concrete pavement shall be completed within three (3) working days of the Contractors commencing any manhole casting work per individual location. The Contractor should note that equipment (dump trucks, mix trucks, loaders and pavers etc.) are restricted from new pavement slabs until the high early strength concrete has attained an age of 3 days.

## **S-20 (1805) METHODS AND EQUIPMENT**

Work zone encumbrances require that the Contractor be allowed to only utilize 24" of free space from the back of the proposed curb for construction operations. Any tree, street light concrete base, or fire hydrant gate valve box within the 24" free zone shall be worked around by the Contractor.

Salvage and reinstall of standard mailbox and support shall be salvaged and reinstalled as needed. Reinstallation shall be as per United Postal Service standards for installation. Salvaging and reinstalling mailboxes is incidental with no direct compensation made.

Decorative mailboxes within the work zone shall be worked around by the Contractor. The use of wood back forming for curb and gutter spot repairs may be needed to clear the obstructing mailbox and maintain the back of curb alignment.

**S-21 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME**

The provisions of 1806 are hereby amended and supplemented by the following:

The City observes the following holidays per Minnesota State Statute M.S. 645.44:

Juneteenth  
Labour Day  
Thanksgiving with the Friday following

No work will be allowed on Saturdays, Sundays, or holidays except as may be approved by the Engineer in special circumstances beyond the control of the Contractor which warrant such work.

The Contractor shall start work no later than July 31, 2026. In addition, all work is required to be completed within 45 working days. Counting working days shall begin upon the Contractor commencing any contracted work.

For all applicable schedules, working days include the time required for concrete curb and gutter, driveway, pavement or sidewalk concrete curing.

Working days assessments shall be made as designated in 1806.1A.

**S-22 (1807) FAILURE TO COMPLETE THE WORK ON TIME**

The provisions of 1807.1 are hereby deleted and the following substituted therefor:

The City and the Contractor recognise that time is of the essence for this contract and that the City will suffer financial loss if the Work is not completed within the times specified in (1806) Determination and Extension of Contract Time above, plus any extensions thereof allowed in accordance with (1806) Determination and Extension of Contract Time. The City and the Contractor also recognise the delays, expenses, and difficulties involved in proving in a legal proceeding the actual loss suffered by the City if the Work is not completed on time. Accordingly, instead of requiring any such proof, the City and the Contractor agree that as liquidated damages for delay (but not as a penalty) the Contractor shall pay the City \$1,200 per Calendar Day for work that remains incomplete.

The Parties agree that the above damages represent a genuine pre-estimate of the costs which might ensue from an un-excused delay. The liquidated damages referred to herein are intended to be and are cumulative and shall be in addition to every other remedy now or hereafter enforceable at law, in equity, by statute or under the contract.

Liquidated damages shall be assessed as determined by the Engineer.

**S-23 (1903) COMPENSATION FOR INCREASED OR DECREASED QUANTITIES**

The provisions of 1903 are hereby amended and supplemented by the following:

The City retains the right to not award any schedule of work without adjustment of bid prices or other additional compensation.

<u>Item No.</u>	<u>Item</u>
2106.507	Excavation – Common (CV)
2574.607	Common Topsoil Borrow (LV) (As Needed)

The provisions of 1903 are modified to the extent that the City will not make a price adjustment in the event of increased or decreased quantities of temporary erosion control items, regardless of the schedule agreed upon by Council and the Project Engineer.

## **S-24 (1903) COMPENSATION FOR CONTRACT REVISIONS**

The provisions of 1904 are hereby supplemented and/or modified by the following:

The Contractor is required to submit force account work itemized statements of costs in accordance with MnDOT 1904 to the Engineer on MnDOT form TP-21659 (Summary of Daily Force Account). Copies of this form can be obtained from the Engineer.

The following sentence shall be added to the second paragraph of MnDOT 1904:

“Under no circumstance will the negotiated unit price for Extra Work which is performed by a subcontractor include a Prime Contractor allowance which exceeds that provided for in 1904(4), Paragraph 3.”

## **S-25 (1906) PARTIAL PAYMENTS**

The provisions of 1906 are hereby supplemented by the following:

The Contractor shall pay any subcontractor within ten days of the prime contractor's receipt of payment from the municipality for undisputed services provided by the subcontractor. The Contractor shall pay interest of 1-1/2 percent per month or any part of a month to the subcontractor on any undisputed amount not paid on time to the subcontractor. The minimum monthly interest penalty payment for an unpaid balance of \$100 or more is \$10. For an unpaid balance of less than \$100, the Contractor shall pay the actual penalty due to the subcontractor. A subcontractor who prevails in a civil action to collect interest penalties from a prime contractor must be awarded its costs and disbursements, including attorney's fees, incurred in bringing the action.

## **S-26 (2021) MOBILIZATION**

The provisions of 2021 are hereby supplemented by the following:

Mobilization shall be measured and paid on a lump sum basis per the work schedule.

## **S-27 (2101) CLEARING AND GRUBBING**

The provisions of 2101 are hereby supplemented by the following:

## S-27.1 CLEARING AND GRUBBING

Clearing and grubbing shall be for specified boulevard trees as indicated in the construction plan.

## S-28 (2104) REMOVING PAVEMENT AND MISCELLANEOUS STRUCTURES

The provisions of 2104 are hereby supplemented by the following:

Removal items shall be disposed of off-site by the Contractor. The Contractor shall note the provisions of 2104.3C3 Disposal Outside of Right-of-Way of materials and debris.

### S-28.1 REMOVE STORM STRUCTURE

No direct compensation will be made for the removal of bituminous or concrete pavement removal for manhole and catch basin removal.

### S-28.2 SALVAGE & INSTALL STREET SIGN

Salvage street signs shall consist of the Contractor's careful removal and on-site stockpiling of existing street signs as needed. Reinstallation shall be per MMUTCD standard. The Contractor shall maintain any stop signs during construction.

### S-28.3 REMOVE STORM PIPE

All pipe removal items shall consist of the removal and disposal of any gravity pipe of the appropriate size. Any pipe left abandoned in place shall be concrete-plugged. Installation of concrete plug shall be considered incidental to the removal unless otherwise noted on the plans.

### S-28.4 REMOVE CURB AND GUTTER

Removal of concrete surfaces shall consist of sawing concrete curb and removal. Sawing shall be to a minimum of 1/3 the anticipated depth of the concrete surface. Necessary sawing shall be incidental to each removal item.

Remove curb and gutter and 6" curbing shall include the removal of concrete curb and gutter with or without bituminous overlay. No additional compensation will be provided for the existence of bituminous overlays.

### S-28.5 REMOVE CONCRETE

Removal of concrete surfaces shall consist of sawing concrete curb and gutter, driveway, pavement, or sidewalk for removal. Sawing shall be to a minimum of 1/3 the anticipated depth of the concrete surface. Necessary sawing shall be incidental to each removal item.

### S-28.6 REMOVE BITUMINOUS PAVEMENT AND BITUMINOUS REMOVAL

Remove Bituminous Pavement shall include separation of an existing bituminous surface from aggregate base or subgrade. All bituminous pavement removed shall be disposed of off-site by the Contractor. Payment for bituminous pavement removal will be by the applicable unit price per square yard removed and disposed of.

Necessary sawing pavement and removal of geotextile fabric shall be incidental to each removal item.

## S-28.7 SALVAGE AND INSTALL LIGHT POLE

Salvage

2

## S-29 (2106) EXCAVATION AND EMBANKMENT

Excavation and embankment construction shall be performed in accordance with the provisions of 2106, as supplemented or amended by the following:

### S-29.1 EXCAVATION – COMMON (CV)

Suitable excavated material shall be disposed of on the project only to the extent necessary to backfill curb areas as shown on the plans or as directed by the Engineer. It should be anticipated that there will be surplus excavated soils which become property of the Contractor and shall be disposed of by him or her outside of the project limits in accordance with a satisfactory disposal plan.

Excavation necessary for all curb and gutter repairs, concrete driveway, sidewalk, and ADA sidewalk ramps shall be incidental with no direct compensation being made.

Backfill and compacting shall be done such that there will be no displacement of any in-place drainage pipe.

The top layer shall be shaped to the cross-section shown in the Plans.

Placement of topsoil as the final lift of ADA ramp, sidewalk and/or curb backfilling or easement areas. Depth shall be a minimum of six (6) inches, more if directed by the Engineer.

### S-29.2 EXPLORATORY EXCAVATION

The Contractor shall in advance perform exploratory excavation as directed by the Engineer. The exploratory excavation shall be used to determine existing water main, sanitary, and storm horizontal and vertical locations at specified locations. Exploratory excavation shall consist of all material, labour, and equipment necessary to excavate and backfill at the selected locations. Where exploratory excavation is performed in a location that will not be disturbed later, the backfill will be placed and compacted to the density specified elsewhere in the specifications for the type of utility located. Payment shall be per hour of exploratory excavation time with any backfill operations to be incidental to exploratory excavation time.

## S-30 (2108) GEOSYNTHETIC CONSTRUCTION MATERIALS

The work of providing and placing geosynthetics shall be performed in accordance with the provisions of 2108, as supplemented or amended by the following:

### S-30.1 GEOTEXTILE FABRIC TYPE IV MODIFIED

Geotextile Fabric Type IV modified shall consist of furnishing MnDOT Type IV modified fabric and placing the fabric below the drainable stable base material as shown in detail on the Plans or as directed by the Engineer.

A. Geotextile fabric furnished shall conform to the requirements of MnDOT 3733 as modified by the following:

Type IV Modified	Non-Woven	Permittivity (per second):	0.7
------------------	-----------	----------------------------	-----

Samples for testing and required certification shall be submitted to the Engineer at least 15 calendar days prior to the intended use.

B. Geotextile fabric shall be installed in conformity with the following:

The prepared surface shall be relatively smooth and free of stones, sticks, or other debris or irregularities that would tend to puncture or tear the geotextile. The geotextile shall be placed with the highest strength direction oriented in the direction of the greatest expected field stress as per manufacturer's recommendation.

C. The Contractor may sew, glue, or overlap geotextile fabric per the following requirements:

**Sewing.** If multiple pieces of geotextile are required, both transverse and longitudinal strips shall be field or factory-sewn, with the seams to have a strength as specified in MnDOT 3733.2B3. All seams shall be sewn using a "double spool" machine capable of sewing a Federal Type 401 locking stitch, Seam Type (flat, "J" or butterfly), thread strength (25-pound minimum), number of rows of stitching (1 or 2) and stitches per inch (typically 5 to 7), shall be consistent with achieving the required seam strength and as recommended by the geotextile manufacturer. Geotextile manufacturer's seam stitch recommendations shall be submitted to the Engineer at least five days prior to any seaming work.

**Gluing.** The Contractor may use approved adhesive listed on the MnDOT approved/qualified products list for Types 1 through 5 geotextiles. The approved list for adhesives is found under the geosynthetic heading. Install per adhesive Seams Guidelines found on the geosynthetic/adhesive seams links on the MnDOT-approved/qualified products list. For 3M Scotch-Weld Holdfast Cylinder Adhesive 70, the installer must spray both sides of the fabric. Six-inch minimum bonded overlap is required.

**Overlap fabric.** The Contractor may overlap fabric with a minimum overlap of 3' on all sides and be secured in place with staples.

D. Measurements and Payment:

Measurement for geotextile fabric will be made of the number of square yards of satisfactorily installed geotextile approved by the Engineer. Measurement will be a combination of plan dimensions and field measurement as follows. Typically, width measurement will be based on the plan dimensioned edge-to-edge width plus 1' of additional width for edge and end anchoring only. Length measurement of installed fabric will be field verified. No allowance will be made for seams or overlaps.

Payment will be at the Contract bid price per square yard, which shall be compensation in full for all work including, but not limited to geotextile seaming, placement, anchoring, and any needed repairs.

## S-31 (2112) SUBGRADE PREPARATION

The aggregate base shall be constructed in accordance with the provisions of 2211 except as modified below:

### S-31.1 SUBGRADE PREPARATION

Subgrade preparation shall be considered incidental to construction with no direct compensation being made.

## S-32 (2211) AGGREGATE BASE

The aggregate base shall be constructed in accordance with the provisions of 2211 except as modified below:

### S-32.1 AGGREGATE BASE (CV) CLASS 5

Compaction shall be achieved by the “Quality Compaction Method” described in MnDOT 2211.3.D.2.b.

Aggregate base shall be constructed with only Class 5 virgin aggregate material.

In conjunction with the construction, blade-mixing the material will be required as may be necessary to produce a substantially uniform gradation and moisture content. Aggregate base thickness shall be as detailed on the Plans.

## S-33 (2212) DRAINABLE AGGREGATE BASE

The provisions of 2212 are supplemented by the following:

Quantities for drainable aggregate base, type DSB shall be altered based on the Council and Project Engineer’s approval to proceed with bituminous pavement or concrete pavement.

### S-33.1 DRAINABLE AGGREGATE BASE, TYPE (DSB) (CV)

Drainable Aggregate Base, Type Drainable Stable Base (DSB) (CV) shall be constructed in accordance with the provisions of MnDOT Specifications 2212. Work shall consist of constructing a drainable aggregate base on a previously prepared geotextile fabric (filter layer) under a pavement area. The purpose of this drainable aggregate base is to quickly dissipate water accumulating under the pavement. The DSB shall be produced and placed in accordance with the provisions of MnDOT 2212, the Plan details and the following:

#### Materials

Aggregate:

1. Aggregate shall meet the following gradation requirements:

<u>Sieve Size</u>	<u>Percent Passing</u>
1 1/2"	100
1"	N/A

3/4"	75 - 100
3/8"	45 - 75
No. 4	30 - 60
No. 10	10 - 35
No. 40	5 - 20
No. 200	0 - 5% for Class B or C
No. 200	0 - 6.5% for Class A
	Class per specification 3137.

The aggregate shall have a coefficient of uniformity ( $D_{60}/D_{10}$ ) equal to or greater than 8.0, where  $D_{60}$  is the diameter of the soil particle of which 60 percent is smaller, by weight, and  $D_{10}$  is the diameter of the soil particle of which 10 percent is smaller, by weight.

2. Aggregate quality shall meet the requirements of Table 3136.2-1.

### Construction Requirements

Provide moisture for compaction for drainable stable base (DSB).

Provide placement equipment meeting the following requirements:

- 1) Will not rut the in-place surface,
- 2) Will not displace or damage any geotextile, and
- 3) Capable of placing the required thickness without creating segregation.

Vibratory rollers are not allowed. Do not allow traffic on the drainable base after final placement and compaction. Meet the quality compaction requirements of 2105.3.F.2, "Quality Compaction." Maintain drainage.

### Measurement and Payment

The Drainable Aggregate Base, Type Drainable Stable Base (DSB) approved by the Engineer will be measured as a compacted volume (CV). Payment will be made under Item 2212.507, Drainable Aggregate Base, Type Drainable Stable Base (DSB) (CV) at the Contract bid price per cubic yard, which shall be compensation in full for all costs incidental thereto.

## **S-34 (2301) CONCRETE PAVEMENT**

The provisions of 2301 are hereby supplemented and amended by the following:

### **S-34.1 CONCRETE PAVEMENT 7" (FILLETS) OR CONCRETE PAVEMENT 6" (PAVEMENT)**

Quantities for concrete pavement shall be determined by the Council and the Project Engineer's decision to proceed with either bituminous pavement or concrete pavement. Pavement shall be 7" thick and reinforced for concrete pavement construction. For bituminous pavement, at locations as shown on the Plan Sheets. The altered bid shall be 6" thick reinforced concrete pavement.

The mix portions shall be determined by an independent certified testing laboratory secured by the Contractor. A current mix design may be submitted and accepted, provided the aggregate source is the same as that being used for this project. Two copies of the certified mix design shall be submitted to the Engineer for review prior to the construction of the project.

Test reports and certification by an approved testing laboratory hired by the Contractor that the following meet the requirements of these specifications:

- MnDOT 3126, Fine Aggregate for Portland Cement Concrete
- MnDOT3137, Coarse Aggregate for Portland Cement Concrete
- ASTM C1260, Fine Aggregate and Cementitious Material

In the event ready-mix concrete is used, the Contractor shall furnish the Engineer with numbered delivery tickets showing the date, time, place of delivery, number of cubic yards, the weight of the cement, fine aggregates and coarse aggregates, and amount of mixing water in each load. At the end of each paving day, the Contractor shall obtain a summary showing the average component amounts that day from the supplier.

The coarse aggregate designation shall be ASTM 67\* from MnDOT Table 3137-4.

The source of the fine and coarse aggregates shall be one currently approved by the Minnesota Department of Transportation.

#### S-34.2 DRILL AND GROUT 12" REINFORCEMENT BARS (EPOXY COATED)

Drill and Grout 12" Reinforcement Bar (Epoxy Coated), item no. 2301.602 shall consist of the Contractor's furnishing and installing of #4 diameter, 12" long epoxy coated deformed tie bars to be drilled or wet cast into concrete. Wet casting of reinforcement bars shall be installed through holes or slots in the forms, with a form height at least equal to the walk thickness of the formed concrete shown in the plans. These bars shall be deformed and installed with a 2" minimum concrete cover. Grout shall be MnDOT approved, and Engineer accepted non-shrink type.

Method of measurement and basis for payment for Drill and Grout Dowel Bar (Epoxy Coated) shall be for ADA Sidewalk AND Concrete Pavement 7" (for concrete fillets) per each tie bar furnished and installed by either drilling and epoxy secured or wet cast method.

Flexible foam expansion joint material will not be allowed.

Void areas behind concrete curb locations shall be backfilled with compacted existing site material. Final topsoil elevations shall match the top of curb. Site material for curb work shall consist of material excavated from the site and stockpiled on site. Necessary hauling, placement and compaction of the site backfill material for curb work shall be incidental. Any topsoil borrow if needed will be considered incidental with no direct compensation being made.

The Contractor should note that equipment (dump trucks, mix trucks, loaders, pavers, etc.) is restricted from new pavement repair slabs until the concrete has attained an age of 7 days.

Method of measurement and basis for payment for longitudinal joints, tie bars, and dowel bars used for concrete pavement shall be included in the unit price for concrete pavement.

#### S-35 (2360) PLANT MIXED ASPHALT PAVEMENT

The provisions of 2360 are hereby supplemented and amended by the following:

##### S-35.1 TYPE SP 12.5 WEAR COURSE MIXTURE (2, B)

Quantities for drill and grout dowel bar shall be determined by the Council and the Project Engineer's decision to proceed with either bituminous pavement or concrete pavement.

Mix Designation Numbers for the bituminous mixtures on this project is: Type SP 12.5 Wearing Course (2, B)-SPWEB240B

Asphalt binder meeting AASHTO M332 (MSCR) is required.

### 2360.2.A Aggregate

Class B crushed limestone will NOT be permitted in the bituminous aggregate being used in the wear course. Aggregate gradation may be SP 12.5 (3/4") for wearing course mixtures.

### 2360.2.B Asphalt Binder Material

Asphalt binder material shall be PG 58S-28 for Wearing course mixture.

### 2360.2.C Additives

All bituminous material shall include a liquid anti-stripping additive "Agri-grip" or approved equal. Liquid anti-strip additives that modify the asphalt binder such that it fails to meet the Performance Grade (PG) requirements will not be allowed. No paving will be allowed until the asphalt binder/additive blend has been tested and results meet criteria in 2360.2B. The company/supplier adding the additive will be responsible for testing the binder/additive blend to ensure compliance with the PG binder criteria. Additive shall be from the refinery. Contractor-added additive at the plant is not allowed.

2360.2. E.2 Provide aggregate in accordance with 3139.2.

### 2360.2.G.1A Certification

Plant certificate shall be independently completed by MnDOT. The costs for plant certification shall be paid for by the Contractor.

### 2360.2.G.2 Quality Assurances (QA)

Laboratory testing equipment verification of calibration shall be independently completed by MnDOT. The costs for verification shall be paid for by the Contractor.

### 2360.2.G.4.B Sampling and Testing

Sample mixture from behind the paver. Sampling from the truck box at the plan site is not allowed unless approved by the Engineer.

### 2360.2.G.8 Documentation

The required electronic printout (long form recordation) from an automated plant blending control maybe waived only provided the Contractor performs daily spot checks to determine percent new asphalt added. Spot checks should be run as often as necessary to ensure production control with a minimum of two per day if production is continuous.

### 2360.3.A.1 Asphalt Release Agents

Do not use petroleum distillates to prevent adhesion of asphalt mixtures to surfaces of tools and equipment. An asphalt release agent must meet the criteria for “Effect on Asphalt” as described in the most recent Asphalt Release Agent Report on file in MnDOT’s Office of Environmental Services.

### 2360.3D Compaction

The provisions of 2360.3.D.1 Maximum Density shall be deleted.

The provisions of 2360.3.D.2 Ordinary Compaction are amended as follows:

The Contractor shall note that a control test strip shall be constructed at the beginning of the work on each lift. The nuclear testing device shall be furnished and operated by the Contractor.

Compaction shall be obtained by the Ordinary Compaction Method as described in 2360.3D.2, except that a minimum of one (1) pneumatic-tired roller shall be used for intermediate rolling on all courses. The Contractor shall adjust mat temperatures of wear course mixtures to minimize the pneumatic-tired roller from picking up fines from the mat.

### 2360.3.D.2.c Mixture Temperature

The provisions of 2360.3.D.2.c are amended as follows:

Minimum Temperature Control shall be as per Table 2360-26\* of the specification. Warm Mix Asphalt (WMA) additive or process shall not be allowed on this project.

The sentence “In addition to the list the above pavement surface must meet requirements of 2399 (Pavement Surface Smoothness) requirements.” is deleted from 2360.3.E Surface Requirements. The requirements of 2360.3.E Surface Requirements will apply.

### Surface Requirements

Remove MnDOT 2360.3.E, “Surface Requirements,” and replace with:

After compaction, the finished surface of each lift shall be reasonably free of segregated, open and torn sections, and shall be smooth and true to the grade and cross-section shown on the plans with the following tolerances:

<b>Table 2360-27 Surface Requirements</b>		
<b>Course/Location</b>	<b>Description</b>	<b>Tolerance</b>
Levelling/1 <sup>st</sup> lift using automatics	Tolerance also applies to 1 <sup>st</sup> lift placed other than levelling when automatics are used.	½ in
Wear	Tolerance of final 2 lifts from the edge of a 10-foot straightedge laid parallel to or at right angles to the centerline.	¼ in
Shoulder Wear, Temporary Wear & bypasses	Tolerance from the edge of a 10-foot straightedge laid parallel to or at right angles to the centerline.	¼ in

Transverse joints/construction joints	Tolerance from the edge of a 10-foot straightedge centred longitudinally across the transverse joint. Correction by diamond grinding required unless the Engineer and the Contractor agree to a deduction of \$1,500.	¼ in
20 ft. pavement section excluded from IRI and ALR testing in Table 2399-3.	Tolerance from the edge of a 10-foot straightedge placed parallel to or at right angles to centerline. Corrective Works required unless both the Engineer and the Contractor agree to a deduction of \$1,500 per lane.	¼ in
Transverse Slope	Tolerance for surface of each lift exclusive of final shoulder wear.	Not to vary by more than 0.4 % from plans.
Distance from edge of each lift and established centerline.	No less than the plan distance or more than 3 inches greater than the plan distance. The edge alignment of the wearing lift on tangent sections and on curve sections of 3 degrees or less can't deviate from the established alignment by more than 1 inch in any 25-foot section.	See Description
Final wear adjacent to concrete pavements.	After compaction, the final lift wear adjacent to concrete pavements must be slightly higher but not to exceed 1/4 inch than the concrete surface.	See Description
Final wear adjacent to fixed structures.	After compaction, the final lift wear adjacent to gutters, manholes, pavement headers, or other fixed structures must be slightly higher but not to exceed 1/4 inch than the surface of the structure.	See Description
Finished surface of each lift. *	Must be free of segregated and open and torn sections and deleterious material. *Excluding tight blade and scratch courses.	See Description

Cut or saw and then remove and replace material placed outside the described limitations at no additional cost to the Department. If the Engineer determines the material can remain in place outside the limits, the Department will pay for the material at a reduced cost of \$10 per sq. yd. The Department will consider any single occurrence of material outside the limitations to have a minimum dimension of at least 1 sq. yd. in any dimension.

The requirements of 2360.3.E are in addition to 2399, "Pavement Surface Smoothness," if specified in the Contract. When 2399 is required in Special Provisions but no pavement smoothness equation is specified, evaluate using equation HMA-B.

### 2360.4 Method Of Measurement & 2360.5 Basis Of Payment

English units of measure shall be used with MnDOT 2360 item numbers.

### 2360.5 Basis Of Payment

Payment for the accepted quantities of asphalt mixture used in each course at the Contract prices per unit of material shall be compensation in full for all costs of constructing the asphalt surfacing as specified including the costs of furnishing and incorporating any asphalt binder, mineral filler, hydrated lime, or anti-stripping additives that may be permitted or required.

The Contractor is responsible for completing yield checks and monitoring thickness determinations so that the constructed dimensions correspond with the required plan dimensions throughout the entire length of the project. The tolerances for lift thickness shown in Table 2360-27, Surface Requirements are for occasional variations and not for continuous over-running or under-running, unless ordered or Authorized by the Engineer.

## S-36 (2502) SUBSURFACE DRAINS

The provisions for 2502 are hereby supplemented by the following:

### S-36.1 4" PERF PE PIPE DRAIN (SUBGRADE INSTALLATION)

The Contractor should note that non-wrapped perforated pipe drain shall be used for Subgrade Installation (SGI). Wrapped perforated pipe drain shall be used for Standard Installation (STDI).

Permeable aggregate backfills for backfilling the Standard Installation (STDI) of pipe drain shall be a naturally rounded sand and gravel meeting the following gradation requirements:

<u>Sieve Size</u>	<u>Percent Passing</u>
3/4"	100
3/8"	50 – 95
No. 4	20 – 60
No. 10	0 – 15
No. 20	0 – 4
No. 200	0 – 1.5

(Up to 15% crushed particles or crushed add-rock will be permitted. Measurement will be weight in the plus No. 4 material.)

Gradations other than the above may be used provided the following requirements are met:

1. Permeability of at least 1000 feet per day. (An aggregate sample representative of that to be used shall be submitted to a qualified private testing laboratory and gradation, density, and permeability results provided to the Engineer at least 15 days before intended use. Testing costs shall be the responsibility of the Contractor. If, in the opinion of the Engineer, the production gradation varies significantly from that originally tested, an additional gradation/ permeability test may be required from the Engineer, at no cost to the City.)
2. At least 15 percent of the material must pass the No. 4 sieve, 100 percent must pass the 3/4-inch sieve, and less than 1.5 percent may pass the No. 200 sieve. Less than 5 percent by weight of shale or other soft rock types (by brass pencil test) and less than 55 percent by weight of carbonate rock (limestone and dolostone).

Subgrade Installation (SGI), shall be for reconstructed streets with the pipe drain to be placed on the prepared geotextile – subgrade layer and placed in the open graded aggregate base as detailed on the Plan Sheets. Open-graded aggregate base is required and paid for separately.

All dead-end pipe drain locations shall be plugged with manufactured polyethene plugs and caps. Polyethene caps, plugs, couplings, wyes, bends, and tees shall be considered incidental to pipe drain installation with no direct compensation being made.

The method to tie into existing storm system shall be for connection to existing structures or pipe and must be approved by the Engineer. Tie-in shall include but not be limited to saw cutting and removal of precast or block structure wall, and non-shrink patch mortar construction. Tie-ins shall be included in the in the 4” Perf PE Drain (Subgrade Installation) item.

Where newly installed subgrade installation (SGI) pipe drain is to be connected to existing polyethene piping, PE repair couplings, with tile tape shall be used. Connection to the existing polyethylene piping shall be considered incidental with no direct compensation being made.

It is reasonable for the Contractor to expect to encounter undocumented drainage lines throughout his or her storm sewer work on this project. All drainage lines must be perpetuated. Any storms sewer pipes, or field tiles encountered during and conflicting with construction which were not indicated on the plan sheets shall be removed and replaced as follows:

4” to 12” corrugated polyethene drain pipe shall be used for repair replacement piping with corrugated polyethene tubing of the same size removed and meeting the provisions of MnDOT Specifications 3278. No direct compensation shall be made for, therefore.

## **S-37 (2503) PIPE SEWERS**

The provisions for 2503 are hereby supplemented by the following:

### **S-37.1 INSTALL 12” PVC PIPE & INSTALL 12” RC PIPE**

Polyvinyl Chloride (PVC) SDR 35 and Reinforced Concrete (RC) storm pipes shall be the appropriate size PVC SDR 35 and RC pipe meeting the requirement of AWWA C-900 as applicable. New pipe bedding shall be as per the manufacturer’s recommendation. Where unsuitable trench bottom exists, granular foundation shall be used. Use of granular foundation material must be approved by the Engineer.

Backfill shall be compacted to 100 percent of standard proctor density (AASHTO T99). The Contractor shall be responsible for obtaining the soil mixture content necessary to meet the density requirement regardless of the original soil mixture content.

Storm repair connection between 12” PVC SDR 35 to NRCP/CLAY shall be a joint connection for any existing 6” non-reinforcement concrete and clay pipe to new repair pipe. The work shall consist of all equipment, labour, and minor materials necessary to connect existing pipe to new pipe. Replacement pipe material shall be the appropriate size of pipe.

Reconnection shall be with the appropriate sized flexible rubber connection (Fernco or approved equal), “sac-crete” or equal mortar encasement, and all work necessary to make the connection

between the existing storm pipe and replacement storm pipe. All work necessary to make the reconnection shall be included in the "Install 12" PVC Pipe" and "Install 12" RC Pipe" items.

### **S-38 (2506) MANHOLES AND CATCH BASINS**

The provisions for 2506 are hereby supplemented by the following:

#### **S-38.1 CONSTRUCT DRAINAGE STRUCTURE DESIGN N AND DESIGN F**

Manholes for stormwater shall consist of constructing and installing MnDOT standard plate 4003B precast design N structure with a sump and MnDOT standard plate 4005M precast design F structure with sump as detailed in the plans. The cone section shall be eccentric in deep structures to compensate for the use of more than four (4) adjustment rings. The lower structure section shall be sump-structured. Manhole base shall be a MnDOT standard plate 4011E precast, 8" thick, 72" outside diameter with 36" inside diameter opening. No brick construction shall be allowed. If manhole steps are furnished, they shall be steel-reinforced plastic with polypropylene plastic reinforced with a No. 2 deformed steel rod grade 60. Incidental materials include 3/4" aggregate foundation material and masonry blocking for valve support, and 1/2" green-treated CCA plywood. See full details in the Plans.

#### **S-38.2 CASTING ASSEMBLY**

Furnish and Install No. 790 - 1 1/2" Cast Iron Adjusting Ring in R-1733 shall consist of the Contractors furnishing and installing a MnDOT No. 790 - 1 1/2" Cast Iron Adjusting Ring into an existing Neenah R-1733 casting. Work of furnishing and installing shall include preparatory work and miscellaneous materials as per the manufacturer's installation requirements. No additional compensation will be made under the 'adjust frame and ring casting' item.

Furnish and Install Neenah R-1733 - 7" Casting Assembly shall consist of the Contractors furnishing and installing a Neenah R-1733 - 7" frame and ring casting. Casting lids shall be vented platen lid or equivalent. Equivalent casting assemblies are acceptable with the prior approval of the Engineer. Installation shall include the Contractor's necessary removal and replacement of any brick, block, or concrete adjusting rings with mortar necessary to adjust the casting to final grade. No additional compensation will be made under the adjust frame and ring casting item.

Furnish and Install Neenah R-1955-1 with Neenah R-1979 - 1 1/2" or 3" Casting Assembly shall consist of the Contractors furnishing and installing a Neenah R-1955-1 frame and ring casting with self-sealing platen lid and a Neenah R-1979 - 1 1/2" or 3" cast iron adjusting ring. Neenah R-1955-1 castings shall have cast anchoring lugs located 4" below the top of frame. Equivalent castings are acceptable with the prior approval of the Engineer. Neenah R-1979 casting iron adjusting ring height shall be 1 1/2" or 3" as noted on the plan sheet. Casting Assembly Installation shall include the Contractor's necessary removal and replacement of any brick, block, or concrete adjusting rings, removal of bituminous overlaid pavement, furnishing and installing HPDE adjusting rings; four stainless steel bolts and the replacement of concrete pavement (high early) and bituminous pavement to original depths, with mortar necessary to adjust the casting to final grade. No additional compensation will be made under the adjust frame and ring casting item.

Floating R-1955-1 manhole castings shall be anchored and sealed to the existing manhole structure by drilling (4) - 3/4" diameter anchor bolt holes at 90 degrees for 5/8" diameter, stainless steel "Redi" anchor bolts or other approved "wedge" type anchor bolt, seven inch (7") minimum length as detailed on Plans. Stainless steel nuts and washers are required. Anchoring castings is incidental to furnishing and installing castings.

### S-38.3 ADJUST FRAME AND RING CASTING

Adjust Frame and Ring Casting shall be for existing castings in bituminous pavement areas. Adjust frame and ring casting shall consist of the necessary removal of concrete adjusting rings and furnishing and installing HPDE adjusting rings.

Adjust Frame and Ring Casting in Concrete shall consist of the necessary removal of bituminous overlaid pavement and existing adjustment rings, furnishing and installing HPDE adjusting rings and the replacement of concrete pavement (high early) pavement to original depths. Removal and replacement of concrete pavement and bituminous mixture is incidental with no direct compensation being made.

Adjusting rings shall be High-Density Polyethylene (HDPE) as listed on the MnDOT current approved products list. HDPE rings shall be sealed per manufacturer's recommendation.

Replacement concrete pavement for adjustment of frame and ring casting or furnishing and installing casting shall be constructed of air-entrained high early strength mix, meeting all other provisions of MnDOT Specification 2461 for a 3F52 mix. Replacement concrete shall be allowed to cure for 72 hours before covering with bituminous overlay. Placement of any bituminous mix around castings after adjustment and before final overlaying shall be considered incidental to the casting adjusting item. No direct compensation will be made for removal and replacement of concrete pavement for adjustment of frame and ring casting or furnishing and installing casting items of work.

Watergate valve boxes and curb stop boxes shall be adjusted by the City Water Department.

### S-39 (2521) WALKS

The provisions for 2521 are hereby supplemented by the following:

Concrete mix for manual sidewalk placement shall be No. 3F52 as per MnDOT Specification 2461.

Concrete sidewalk shall be allowed to cure for 72 hours before backfilling with hand-operated plate compactor and ram-type compactor. Cure time shall be 5 days before any skid loader equipment is allowed to cross over new sidewalk.

During the work, concrete ready mix or delivery truck washout will not be allowed on the project site. Wash-out water may not be discharged directly or indirectly to waters of the state without proper treatment.

## S-39.1 6" CONCRETE WALK (ADA)

Six-inch (6") ADA Concrete Walk, item no. 2521.518 construction shall include construction of a 4" Class 5 aggregate base. Necessary subgrade preparation shall be incidental. Excavation of 4" aggregate base for concrete walk shall be incidental.

## S-39.2 4" CONCRETE WALK

Four-inch (4") Concrete Walk, item no. 2521.518 construction shall include construction of a 4" Class 5 aggregate base. Necessary subgrade preparation shall be incidental. Excavation of 4" aggregate base for concrete walk shall be incidental.

## S-40 (2531) CONCRETE CURBING

The provisions for 2531 are hereby supplemented by the following:

Locations, where existing concrete curb and gutter and/or existing concrete driveway is removed and replaced, shall include construction of a 4" class 5 aggregate base. Removal and replacement of curb and gutter or driveway shall include necessary excavation, subgrade preparation and 4" aggregate base as incidental.

Void areas behind concrete curb and gutter and driveway locations shall be backfilled with 7" of compacted site borrow material and 6" of compacted topsoil. Final topsoil elevations shall match the top of curb. Site borrow material for curb work shall consist of clay material excavated from the site, and stockpiled on site. Necessary hauling, placement and compaction of the site borrow backfill material for curb and gutter work shall be incidental. Topsoil borrow if needed will be paid for separately.

Void areas along concrete driveway locations shall be backfilled with 6" of compacted topsoil. Final topsoil elevations shall match the top of driveway. Topsoil borrow if needed will be paid for separately.

### S-40.1 CONCRETE CURBING

Concrete mix for manual curb and gutter placement shall be No. 3F52 as per MnDOT Specification 2461. Concrete mix for slip form curb and gutter placement shall be No. 3F32 as per MnDOT Specification 2461.

Concrete curb and gutter shall be allowed to cure for 72 hours before backfilling with hand-operated plate compactor and ram-type compactor. Cure time shall be 5 days before any skid loader equipment is allowed to cross over curb and gutter.

## S-40.2 CONCRETE CURB AND GUTTER, DESIGN B624

Concrete mix for manual curb and gutter placement shall be No. 3F52 as per MnDOT Specification 2461. Concrete mix for slip form curb and gutter placement shall be No. 3F32 as per MnDOT Specification 2461.

Concrete curb and gutter shall be allowed to cure for 72 hours before backfilling with hand-operated plate compactor and ram-type compactor. Cure time shall be 5 days before any skid loader equipment is allowed to cross over curb and gutter.

## S-40.3 6" CONCRETE DRIVEWAY PAVEMENT

Concrete mix for driveway work shall be No. 3F52 as per MnDOT Specification 2461.

Concrete driveway shall be allowed to cure for 72 hours before backfilling with hand-operated plate compactor and ram-type compactor. Cure time shall be 5 days before any skid loader equipment is allowed to cross over curb and gutter.

## S-40.4 TRUNCATED DOMES

When placing truncated domes, the Contractor shall abide by MnDOT standard Plates 7038 A for truncated domes as well as MnDOT Standard Plans for Pedestrian Curb Ramp Details for furnishment and plant of truncated domes, respectfully.

## S-41 (2565) TRAFFIC CONTROL SIGNALS

The provisions for 2563 are hereby supplemented by the following:

### S-41.1 TRAFFIC CONTROL

Traffic control shall be measured and paid on lump sum basis.

## S-42 (2573) STORMWATER MANAGEMENT

The provisions for 2573 are hereby supplemented by the following:

### S-42.1 EROSION CONTROL SUPERVISOR

Stormwater management control shall be performed prior to, during or after construction as directed by the Engineer.

Stormwater management work and items shall be in accordance with the appropriate provisions of MnDOT Specifications Divisions II and III as modified by these specifications and the Erosion Control Plan (ECP).

The second paragraph of MnDOT 2573.3A1 Erosion Control Supervisor is revised to read as follows:

The Erosion Control Supervisor shall be a responsible employee of the prime Contractor and/or duly authorized by the prime Contractor to represent the prime Contractor on all matters pertaining to the Erosion Control Plan (ECP). In addition, the Erosion Control Supervisor shall be available to be on the Project within 24 hours at all times from initial disturbance to final stabilization as well as perform the following duties:

The second paragraph of MnDOT 2573.3A5, Vehicle Tracking onto Paved Surfaces, is revised to read as follows:

The Contractor is responsible for ensuring paved streets are clean at the end of each working day or more often as necessary to provide safety to the travelling public. Tracked sediment on paved surfaces must be removed by the Contractor within 24 hours of discovery, in accordance with 1717.2. Payment for street sweeping to provide safe conditions for the travelling public, environmental reasons or regulatory requirements shall be as provided in accordance with 1514.

#### S-42.2 STABILIZED CONSTRUCTION EXITS

The Class 5 aggregate surfacing may be salvaged and used as a base or surfacing material on the project site for stabilized construction exits. These exits shall grant access to construction vehicles and locals to the project site throughout the project duration. It is the Contractor's responsibility to ensure all construction exits are stable for vehicle traffic and open to locals outside of construction hours.

#### S-42.3 STORM DRAIN INLET PROTECTION

Storm drain inlet protection devices shall be installed and maintained at locations as directed by the Engineer. Storm drain inlet protection devices shall be only MnDOT-approved types per specification 2573. Emergency overflow must be an integral part of the device to reduce the flooding potential. Any device which does not have an adequate emergency overflow will not be allowed. All materials used for storm drain inlet protection shall be removed by the Contractor after final acceptance of the pavement restoration and/or turf restoration growth.

Storm drain inlet protection devices item 2573.502 shall consist of devices for both ADA ramp curb and gutter and sidewalk removal work and bituminous milling, base prep work and cleanup operations.

The Engineer will measure storm drain inlet protection by the number of individual inlets protected over the life of the contract regardless of the types or number of devices used at each storm drain inlet.

The Contractor shall temporarily remove ADA ramp work storm drain inlet protection devices and in lieu place Geotextile Type IV modified fabric in/under catch basin castings.

Pick up type power brooms or other equipment intended to minimize dust are required as necessary to control dust in the cleanup of debris. Water is required for use in debris pick up. Clean up water is incidental to brooming with no direct compensation made. Conventional power brooms without dry dust control will not be allowed at any time nuisance dust conditions will develop.

Polyethylene sheet material used for containment of liquids shall be a minimum of 8 mil in thickness.

## **S-43 (2574) SOIL PREPARATION**

The provisions for 2574 are hereby supplemented by the following:

### **S-43.1 COMMON TOPSOIL BORROW**

Should an inadequate quantity of suitable material be excavated, or exist after site grading and upon Engineer's approval, the Contractor will then be required to furnish and place Common Topsoil Borrow (LV) (As Needed), item no. 2574.607.

Topsoil borrow shall be common type in accordance with the provisions of MnDOT Specification 3877 "Topsoil Materials".

Common Topsoil Borrow (LV) (As Needed), item no. 2574.607, as needed this work shall consist of placement of topsoil as backfill for the final lift at ADA ramp curb, sidewalk, driveway, and spot repair curb and/or site grading restoration. Topsoil borrow shall be a six (6) inch nominal depth, more if directed by the Engineer.

## **S-44 (2575) ESTABLISHING VEGETATION AND CONTROLLING EROSION**

The provisions for 2575 are hereby supplemented by the following:

### **S-44.1 RAPID STABILIZATION METHOD BFM**

Controlling erosion and establishing vegetation work and items shall be in accordance with the appropriate provisions of MnDOT Specifications Divisions II and III as modified by these specifications and the Erosion Control Plan (ECP).

Rapid Stabilization Methods shall be done in accordance with the applicable MnDOT Standard Specifications and the following:

The Contractor shall be required to perform operations necessary to rapidly stabilize all areas, to prevent off-site sedimentation and/or to comply with permit requirements. The work may be performed at any time during the Contract and will be conducted on small areas that may or may not be accessible with normal equipment.

The stabilization methods approved for this project are:

Method BFM: Seeding by mechanical or hydro-spreading application of MnDOT seed mixture Type 25-151 with fertilizer Type 24-12-24 as a separate initial operation; then hydraulic spray apply Bonded Fiber Matrix (BFM) Hydraulic Soil Stabilizer. This method shall provide final stabilization.

The materials required shall be as follows:

Method BFM	Seed mixture 25-151 @ 200 pounds per acre with Fertilizer 24-12-24 @ 350 lbs. /acre. Hydraulic Matrix Type Bonded Fiber Matrix (BFM) @ 3500 pounds per acre. Approximate water to bale ratio 100 gallons to 50 lbs. Actual ratio in accordance with manufacturer's recommendation.
---------------	--

### Placement

Shaping of the area prior to placement of any of the materials will be as directed by the Engineer.

Method BFM - Existing turf areas which are disturbed shall be restored to a smooth surface suitable for mowing with hand push mowers. Seeding by mechanical or hydro-spreading application of MnDOT seed mixture Type 25-151 High Maintenance Turf and fertilizer as a separate initial operation. Hydraulic spray apply Bonded Fiber Matrix (BFM) Hydraulic Soil Stabilizer. Application shall be done on dry soils and at least 24 hours in advance of projected rainfall to allow adequate drying time. The BFM shall be applied from at least to alternate directions, preferably 90 degrees apart, to ensure all soil surfaces are covered. In all cases 100% continuous ground coverage required. Amount of material applied shall be such to obtain 100% soil coverage.

Water for turf restoration shall be furnished by the Contractor from the source of his choice. Should the Contractor choose to pump water from Okabena Lake a Department of Natural Resources General Permit for Temporary Water Appropriations (97-005) permit is required, a copy of which is to be given to the Engineer.

The Contractor may use water from city hydrants as per the City of Worthington Water Department water usage policy. Policy requirements include a maximum of 1" water service, deposit and payment for usage and for all connection and disconnection charges.

The Contractor may not operate any water main valves.

### Maintenance

The Contractor shall maintain the Rapid Stabilization Method BFM for a minimum of thirty (30) growing days or until the turf growth has been accepted.

### Acceptance Of Work

Rapid Stabilization providing final turf stabilization/restoration (Method BFM) shall be accepted when areas are in a normal healthy growing condition.

### Method Of Measurement

Rapid Stabilization Method BFM will be measured by the square yard furnished and acceptably placed. Seed and fertilizer shall be considered incidental to furnishing and placing hydraulic soil stabilizer.

## Basis Of Payment

MnDOT Specification 2575.5G, is hereby modified: payment for Bonded Fiber Matrix (BFM) Hydraulic Soil Stabilizer shall be eligible for partial payment not to exceed 80% of the contract bid price upon satisfactory installation of the material. The remaining 20% shall be made available when final acceptance is made based on adequate vegetative cover and erosion control.

Payment for the work required for Rapid Stabilization under this Contract will be made in accordance with the schedule set forth below at the appropriate Contract bid price per unit of measure for each specified item. Such payment, in each instance, shall be construed to be compensation in full for all costs incidental thereto including mobilization, other than those costs which are compensated for separately under other Contract items.

## **S-45 (2600) TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION**

The provisions for 2600 are hereby supplemented by the following:

### S-45.1 3" INSULATION

Insulate water main shall consist of all materials, labour, and equipment necessary to insulate new water main or water service with 3" of polystyrene exterior insulation (blue board) at locations of shallow burial depth or adjacent storm structures as shown on the plan sheets.

The insulation board shall be rigid expanded polystyrene conforming to the material requirements of MnDOT 3760. Styrofoam S.M. and Styrofoam TG brand insulation is an approved insulation material. Sand material shall meet the provisions of a MnDOT Fine Aggregate for Portland Cement Concrete Specification 3126. Granular foundation shall meet the provisions of a MnDOT ASTM #67 coarse concrete aggregate designation.

Placement of insulation shall be as modified by the following:

Insulation shall be 4' by 8' sheets only, field cut as required. Rigid insulation shall be placed within the pipe or structure encasement zone. Before placement of the insulation, the encasement material shall be levelled and compacted until there is no further visual evidence of consolidation. For shallow burial main locations insulation shall be placed on 2 inches of compacted sand and covered with 4 inches of compacted sand. For adjacent storm structure locations, insulation shall be placed on 2 inches of compacted granular foundation. A minimum of two (2) wood skewers per board in each layer-driven flush with the surface of the material shall be utilized to hold the insulation material in place during the backfill operations. The placement of the soil over the insulation board and compaction thereof shall be accomplished in a manner that will preclude damage to the insulation material. Construction equipment of any kind shall not operate directly on the insulation board. Sections of insulation board damaged by the Contractor's construction operations shall be replaced at the Contractor's own expense. If two layers of insulation board are used, each layer shall be placed to cover the joints of the lower layer with an

overlap of at least 6". Furnishing and placement of sand or granular bedding material shall be incidental to furnishing and placing insulation with no direct compensation being made.

Measurement will be made by the area insulated as specified. Payment will be made at the Contract bid price per square foot, which will be compensation in full for all costs incidental thereto.

## **S-46 (2621) SANITARY SEWER AND STORM SEWER INSTALLATION**

The provisions for 2621 are hereby supplemented by the following:

### Unknown Drainage Pipes

It is reasonable for the Contractor to expect to encounter undocumented drainage lines throughout his or her work on this project. All drainage lines must be perpetuated.

Any storm sewer pipes or field tiles encountered during and conflicting with construction which were not indicated on the plan sheets shall be removed and replaced as follows:

- A. 4" to 12" pipe shall be replaced with corrugated polyethylene tubing of the same size removed meeting the provisions of MnDOT Specification 3278. Payment for the replacement type shall be at the applicable unit price per linear foot of corrugated polyethylene tubing. At the discretion of the Engineer, other contract pipe items may be substituted for corrugated tubing. Payment for the substituted pipes will be at its contract price.
- B. The method of connecting the replacement tubing or pipe to the existing pipe shall be approved by the Engineer. Each connection made to the existing pipe shall be paid at the applicable unit price per each replacement connection. Payment will be for connections made on the pipes not indicated or shown on the plan sheets.

### Bypass Pumping Sewer Flows

The Contractor shall supply all equipment, material, and labour necessary for division bypass pumping of sanitary sewer flows for work.

The Contractor shall provide the necessary size pump.

Bypass pumping sewer flows shall be incidental with no direct compensation being made.

## **S-46.1 SANITARY SEWER INSTALLATION - MANHOLE**

Standard 48" Sanitary Manhole, (7'-10' depth with floating casting) (w/CI Adj 3") designation shall be for manholes with 48" inside diameter, precast sections, tongue, and groove joints with rubber manhole gaskets, and integral bases with gasketed, flexible, watertight connections.

Manhole joint gaskets shall meet the requirements of ASTM C433. No brick construction shall be allowed. Lift hoes and manhole steps are not permitted. Standard 48" sanitary manhole designation shall be for manholes with 48" inside diameter up to 10' in depth as measured from the lowest pipe invert which does include the height of casting and adjusting rings. Work shall include placement of the new pipe through the new manhole, gasketed, flexible, watertight connections.

Measurement and payment shall be for each unit completed and installed and shall include compensation for furnishing and installing all precast items, the required casting and miscellaneous mortar and mastic material.

## Extra-Depth Manhole

Extra-depth manhole shall be 48” inside diameter and shall be for depths greater than 10’ as measured from the lowest pipe invert, which does include the height of casting and adjusting rings.

Measurement and payment shall be per linear foot for the extra manhole barrel completed and installed and shall include compensation for furnishing and installing all precast items and miscellaneous mortar and mastic material.

## S-46.2 4” PVC SANITARY SEWER SERVICE (SDR 35) AND 8” PVC SANITARY SEWER (SDR 35)

### Pipe and Joint Material

Pipe and joint materials shall conform to the following requirements:

<u>Pipe Description</u>	<u>Class or Type</u>	<u>Specification</u>	<u>Joints</u>
Polyvinyl Chloride “PVC”	SDR 35	ASTM D-3034	Manufacturer’s Recommendation

Ribbed PVC pipe will not be allowed.

PVC pipe shall be stored per Manufacturer’s recommendations and only PVC pipe manufactured within the last 18 months shall be supplied to the City.

Ductile Iron Pipe shall be wrapped with tube from polyethylene encasement material meeting the requirement of CEAM 2611.2E, eight (8) mil film thickness.

### Fittings

Fittings shall be polyvinyl chloride meeting the requirements of ASTM D-3034. Saddle fittings are required for SDR 188 and Ductile Iron pipe.

### Mortar

Mortar shall be a quick set non-shrink type approved by the Engineer.

### Installation Of Sewer Pipe

- A. The Contractor shall use laser equipment to set pipe grade and alignment. The Contractor shall check the grades at a frequency not exceeding 50’. The Contractor shall provide competent workmen to operate the laser equipment.
- B. Where new pipe (water main or sewer) is to be placed under existing pipes (water, sanitary, or storm sewer) and the plans call for the existing pipe to remain undisturbed, the Contractor shall hand tunnel for a short distance (5” maximum length) under the existing pipe and, if needed, brace and support the length of exposed

existing pipe. Support shall be with a system of beams perpendicular to the trench (wood or steel) and vertical strapping, ropes, and/or cables. Tunnel excavation shall remove the minimal amount of supporting soil as possible. After installation of the new pipe through the tunnel section, any remaining voids shall be filled with lean mix backfill, a separate bid item. Lean mix backfill shall be limited to the areas confined by the trench side walls and the Contractor's initial backfill of the length of trench within 2' O>D> of the overlying pipe and to the height of the overlying pipe midpoint.

### Installation Of Sewer Service

Sanitary sewer services shall be connected to the new PVC SDR 35 main with polyvinyl chloride pipe (PVC) SDR 35. Connection to the new sanitary sewer main shall be with the appropriate size saddle or wye fitting. If needed, payment for sewer service removal and replacement pipe shall be at the applicable unit price per linear foot. Clay to PVC/PVC to clay flexible rubber connector, "sac-crete", or equal mortar encasement, appropriate PVC bends, wye saddle fittings, and all work necessary to make the connection between the existing sewer service pipe and new main pipe shall be incidental to installation of 4" sanitary sewer service.

### Hydrostatic Testing of Sanitary Mains

The provision of CEAM 2611.3G is hereby supplemented and amended by the following:

New SDR 35 sanitary sewer main shall be pressure tested before being placed in service as per the requirements of the Standard Specification Continuity Water Main 2611.3G. The Contractor shall pay particular attention to the requirements for hydrostatic testing. When allowed, the leakage test shall be performed in accordance with AWWA C-605-94 (PVC); Section 7.3.

### Jet Clean Sanitary Sewer Main

The Contractor shall jet clean the newly installed 8" sanitary main. The main shall be cleaned as final operation after completion of pavement restoration. The Contractor will be required to clean the main within ten (10) working days of the restoration.

The material removed by jet cleaning shall be caught and removed at downstream manholes. The cleaning nozzle shall be equipped with skids for the appropriate size to ensure complete circumference cleaning. Pressure at the cleaning nozzle shall have a minimum of 2000 psi and flowrate of not less than 80 gpm. Water may be taken from a city fire hydrant per the City of Worthington Water Department water usage policy. Disposal of the removed grit and other debris shall be the responsibility of the Contractor and shall be to an approved landfill. Disposal shall be in accordance with all Federal, State, and local disposal regulations.

Payment shall be included in the installation of new sanitary sewer main.

### Televise Sanitary Sewer Main

The Contractor shall televise the newly installed 8" on this project. The main shall be cleaned prior to televising. The Contractor will be required to televise the main within ten (10) working days of the main cleaning.

Televising cameras shall be pan-tilt type for viewing at service wyes and taps. Televising may be with winch, cable, skid-mounted camera or self-propelled mounted camera. Any main stringing shall be by the Contractor. The Contractor shall perform any sanitary bypass pumping as needed throughout the televising operation. Televising

equipment shall be maintained and operated to provide all equipment needed to access sanitary sewer manholes. The Contractor shall provide two written logs; and two video recordings of televised mains. Video recordings shall include on-screen distance counters and audio descriptions of the televising. Video recordings shall be capable of providing a clear picture capable of being used to identify apparent sewer pipe or joint defects. The Contractor shall provide a video format recording approved by the Engineer.

The written log shall include the minimum information:

- a) Date and time of the televising per segment, street location, and intersecting street-to-street segment.
- b) Main pipe size, pipe laying lengths, pipe type, televising direction (upstream from or downstream from).
- c) Description of service connection (tap or wye), size of connection, connection distance location and orientation in the main pipe based on clock face coordinates.
- d) If any defect, description and size, percentage, or other quantity or magnitude description of defect.
- e) Summary statement of pipe condition per televised segment.
- f) Log index of street location, intersection street-to-street segment, and corresponding log book pages.
- g) Definitions appendix of terms used in describing televising.

The final written log and video recordings shall be delivered to the City. Payment shall be on lump sum basis.

#### **S-47 (3137) COARSE AGGREGATE FOR PORTLAND CEMENT CONCRETE**

The provisions of MnDOT 3137 are hereby modified as follows:

The coarse aggregate shall contain one hundred percent (100%) of Class A material as specified in MnDOT Specification 3137.

The coarse aggregate designation shall be #1 - ASTM #467.

#### **S-48 (3138) AGGREGATE FOR SURFACE AND BASE COURSES**

The provisions of MnDOT 3138 are hereby modified as follows:

Class 5 aggregate base material shall be a virgin aggregate composition except as allowed in the following:

Crushed concrete, blended with virgin aggregates may be used provided that at least 95% of the crushed concrete aggregate particles are retained on the 4.75 mm (# 4) sieve. The blended aggregate base must meet the gradation requirements of Class 5 modified aggregate, as applicable. The source of crushed concrete shall be Portland cement concrete pavement and/or other concrete structural elements. Blending of the virgin and crushed concrete aggregates shall be done during production. The final product shall consist of a uniform blend of all the composite materials.

**S-49 (3149) GRANULAR MATERIAL**

The provisions of 3149 are hereby amended by the following:

The provisions of 3149.2C are hereby deleted and stabilizing aggregate shall meet the provisions of a MnDOT ASTM #67 coarse concrete aggregate designation.

The provisions of 3149.2E are hereby deleted and aggregate backfill shall meet the requirements of Class 5 aggregate.

**S-50 (3301) REINFORCEMENT BARS**

MnDOT 3301 is modified with the following:

The following is added to MnDOT 3301.2, "Requirements":

Fabrication of epoxy-coated reinforcing steel delivered to projects in 2019 and later is required to take place in plants participating in the CRSI Epoxy Coated Fabrication Certification Program and listed on CRSI's website.

**S-51 (3733) GEOSYNTHETIC MATERIALS**

The provisions of MnDOT 3733 are hereby supplemented or amended by the following:

Geotextile fabric for placement under aggregate base shall be Type IV modified, non-woven, with permittivity of 0.7 per sec. Fabric weight shall be a minimum of 8 ounces per square yard.

**S-52 MANHOLE AND CATCH BASIN CLEANUP**

The Contractor shall keep all sanitary and storm sewer manholes, catch basins and sewers clean of construction debris (dirt, gravel, etc.). The Contractor is required to clean manholes, catch basins and sewers immediately following any operation that may accidentally deposit debris in manholes, catch basins or sewers. Should the Contractor fail to clean the manholes, catch basins or sewers the City will clean any such manhole, catch basin or sewer as it deems necessary and deduct the cost of cleaning from monies due to the Contractor.

**S-53 FINAL CLEANUP**

Final cleanup operations shall include, but not be limited to, power or hand brooming, hand shoveling, raking or any necessary work to remove dirt, mud and/or aggregate debris from the work area. Final clean up shall be performed in a timely manner as each schedule of work is completed. Final clean up shall be performed within five working days of pavement restoration completion. Should the Contractor fail to perform the final clean up as required, the City will and deduct from the Contractors' monies the cost of cleaning.

## **EROSION CONTROL PLAN**

**This plan covers the work on this contract.**

Application for permit has been made by the owner to the applicable watershed district.

Erosion control (Storm Water Management and Controlling Erosion and Establishing Vegetation) shall be performed immediately prior to, during and after construction as directed by the Engineer. Fulfillment of erosion control criteria shall be on a per schedule basis.

The Contractor is responsible for controlling erosion and sedimentation during the construction activities, maintaining the erosion control devices, conducting the required erosion control inspections, and maintaining the permit inspection log.

### **PRIOR TO AND DURING CONSTRUCTION**

Storm water management prior to and during construction shall be placed, measured and paid for in accordance with the provisions of MnDOT Specifications 2573 as supplemented or amended by the following:

Contractor's Erosion Control Supervision shall be incidental with no direct payment being made.

Prior to any removals, excavation, curb, sidewalk or ADA ramp work, the Contractor shall install "Storm Drain Inlet Protection" devices at existing catch basins and intakes. Storm drain inlet protection devices shall be only MnDOT approved types per specification 2573. Inlet protection devices shall be maintained throughout removal, aggregate base construction, curb and concrete pavement construction and ADA ramp work and until such time as the turf establishment work is completed and accepted.

Prior to and during pavement prep work, cleanup operations and bituminous overlay placement the Contractor shall temporarily replace ADA ramp work storm drain inlet protection devices and in lieu place Geotextile Type IV modified fabric in/under catch basin castings. Overflow shall be provided. Fabric shall be removed upon completion of the bituminous overlay work and ADA ramp work storm drain inlet protection devices shall be reinstalled.

The Contractor is responsible for ensuring paved streets are clean at the end of each working day or more often as necessary to provide safety to the traveling public. Tracked sediment on paved surfaces must be removed by the Contractor within 24 hours of discovery, in accordance with 1717.2.

Temporary soil stockpiles must have effective sediment controls, and cannot be placed in surface waters, including curb and gutter unless there is a bypass (gap or pipe) in place for the storm water. Temporary soil stockpile perimeters shall be controlled during non-working hours.

Pick up type power brooms or other equipment intended to minimize dust are required as necessary to control dust in the cleanup of general debris. Water is required for use in debris pick up. Clean up water is incidental to brooming with no direct compensation made. Conventional power brooms without dry dust control will not be allowed at any time nuisance dust conditions will develop

During the work, no trench or excavation discharge water will be allowed to be discharged directly to any surface waters or storm sewer system.

All liquids and solid wastes generated by concrete washout operations must be contained and not have the opportunity to come in contact with the surface waters or ground water. This includes the ditches, slopes to ditches, curb and gutter/ storm sewer systems, and ponds. Areas where there are sandy soils, karsts, and high ground water the washout facility must have an impermeable liner. Liquid and solid wastes must be disposed of properly. A concrete washout sign must be installed adjacent to each washout facility to notify personnel. The washout facilities shall be located within ten (10) minute travel time of job site. The washout facility maybe inspected as needed to ensure compliance with this provision.

Concrete paving equipment maybe washed on site as long as the Minnesota Pollution Control Agency (MPCA) "Concrete Washout Guidance" requirements are fulfilled. When possible, paving equipment should be washed off over graveled areas to be paved the following day. When wash off on hard surfaces is necessary the area should be bermed with sand or gravel and lined with polyethylene material to contain the water. A wash off water storage volume of 500 to 1,000 gallons is suggested.

Concrete Slurry Management. Concrete joint sawing slurry shall be controlled, contained and treated by the Contractor. Control and containment maybe obtained with sand/gravel berms with 8 mil polyethylene material and vacuum removal. Treatment maybe with floc logs or socks, CO<sub>2</sub> aeration and/or disposal at an approved facility. BMP products for erosion control are not considered sufficient for concrete slurry control and containment.

Washout - off water and concrete slurry water shall be contained and treated to a PH level of 7 before reuse and/or disposal.

Until final stabilization has achieved a vegetative cover with a density of 70%, the Contractor shall maintain all temporary erosion control devices (inlet protection) after each storm event.

Until final stabilization has been achieved, the Contractor shall 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.

All materials used for temporary erosion control (erosion control logs, culvert protection controls and inlet protection devices) shall be removed by the Contractor after final acceptance of the turf restoration growth or for any other Engineer approved reason to relieve the Contractor of his responsibility.

## **RAPID AND FINAL STABILIZATION**

The Contractor shall maintain all disturbed turf areas as specified in the Special Provisions, Storm Water Management and Controlling Erosion and Establishing Vegetation section of these specifications.

Erosion control during and after construction shall be placed, measured and paid for in accordance with the provisions of MnDOT Specification 2573 and 2575 as supplemented or amended by the following:

All exposed soil areas must be stabilized no later than seven (7) calendar days after the construction activity in that portion of the site has temporarily or permanently ceased.

Rapid Stabilization Method BFM work shall be performed on disturbed turf areas. Rapid stabilization Method BFM work shall consist of a 4' nominal width adjacent to new pedestrian curb ramp locations immediately adjacent to new ADA ramp sidewalk, B6 and V curb locations or as directed by the Engineer.

Water for BFM Turf Maintenance will be as directed by the Engineer to establish turf. Approval to use water must be requested one working day in advance. Water will be for maintenance of areas of Rapid Stabilization Method BFM.

Final turf establishment may be performed under traffic conditions.

Rapid Stabilization providing final turf stabilization/restoration (Method BFM) shall be accept when areas are in a normal healthy growing condition.





GENERAL NOTES

1. CONTRACTOR MUST ALLOW FOR ALL MATERIAL TESTING TO BE ACCOMPLISHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
2. ALL USES OF THE WORD "INCIDENTAL" IN THESE CONSTRUCTION DOCUMENTS SHALL BE CONSTRUED TO MEAN INCIDENTAL WORK FOR WHICH NO DIRECT COMPENSATION WILL BE MADE THEREFORE.
3. UNLESS OTHERWISE SHOWN ON THE PLANS, CONSTRUCTION LIMITS SHALL BE WITHIN THE CITY RIGHT-OF-WAY OR TEMPORARY PERMANENT EASEMENTS.
4. DURING CONSTRUCTION OPERATIONS, IF ANY MATERIAL IS DEPOSITED IN THE FLOW LINE OF ANY GUTTERS OR DRAINAGE STRUCTURE, SUCH THAT THE FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EVERYDAY. AT THE CONCLUSION OF OPERATIONS, ALL DRAINAGE FACILITIES SHALL BE CLEANED AND FREE OF OBSTRUCTIONS. THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE PROJECT.

REMOVAL NOTES

1. THE EXACT REMOVAL LIMITS OF SIDEWALKS, DRIVEWAYS, BITUMINOUS PAVEMENT, AND CURB & GUTTER SHOWN ON THE PLANS. ALL REMOVAL LIMIT EDGES SHALL BE SAWCUT PRIOR TO FINAL REMOVAL. ALL ADJACENT BITUMINOUS AND CONCRETE SURFACES SHALL BE CLEANLY SAW CUT (FULL DEPTH) PRIOR TO REMOVAL. ADDITIONAL REMOVALS AND SAW CUTTING AS A RESULT OF THE CONTRACTOR'S FAILURE TO PROTECT THE SURFACE SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
2. ALL CONCRETE, EARTHWORK, BITUMINOUS PAVEMENT, AND STRUCTURES REMOVED FOR CONSTRUCTION SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OUTSIDE OF THE PROJECT LIMITS IN ACCORDANCE WITH THE PROVISIONS OF MNDOT SPEC 2104 AND 2105, UNLESS OTHERWISE NOTED.
3. BMPS AND INLET PROTECTION WILL BE IN PLACE PRIOR TO BEGINNING OF REMOVALS. ALL CONSTRUCTION RELATED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING OF REMOVALS.
4. CONTRACTOR SHALL PROTECT ALL ITEMS NOT DESIGNED FOR REMOVAL. CONTRACTOR SHALL PROTECT ALL ITEMS DESIGNATED FOR SALVAGE AND PROVIDE APPROPRIATE STORAGE UNTIL REINCORPORATED TO THE PROJECT. DAMAGED ITEMS SHALL BE REPLACED UNLESS REPAIRS ARE APPROVED BY THE ENGINEER. SALVAGE ALL CASTINGS NOTED ON THE PLANS. DELIVER TO THE CITY IF NOT REINCORPORATED INTO THE PROJECT.

EROSION NOTES

1. ALL CATCH BASINS AND INLETS, BOTH EXISTING AND PROPOSED, SHALL HAVE INLET PROTECTION INSTALLED PRIOR TO DISTURBANCE AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
2. QUANTITY FOR INLET PROTECTION IS BASED ON INLET PROTECTION NEEDED FOR EACH STRUCTURE DURING THE COURSE OF THE PROJECT.
3. THE CONTRACTOR SHALL SCHEDULE WORK DURING A PERIOD OF TIME WHEN PRECIPITATION IS NOT FORECASTED, TO THE EXTENT POSSIBLE.

STREET NOTES

1. CONSTRUCT CURB AND GUTTER AT PEDESTRIAN RAMPS TO HAVE A GUTTER SLOPE NO MORE THAN 2%.
2. MANHOLE COVERS IN BITUMINOUS SURFACES SHALL BE SET 0.02' BELOW FINISHED GRADE.
3. PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOSE SHOWN ON TYPICAL SECTION.
4. CREATE A SAW-CUT WHERE A NEW PAVEMENT IS TO BE INSTALLED NEXT TO AN EXISTING PAVEMENT.
5. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH UTILITY OWNERS TO RELOCATE AND PROTECT PRIVATE UTILITIES AS NECESSARY TO CONSTRUCT STREET AND UTILITIES.
6. CONCRETE PAVEMENT RECONDITIONING SHALL BE COMPLETED PRIOR TO BITUMINOUS LEVELING AND OVERLAY PLACEMENT. CONCRETE PAVEMENT RECONDITIONING SHALL CONSIST OF REMOVAL OF ALL LOOSE, UNSTABLE AND DETERIORATED CONCRETE AND BITUMINOUS PAVEMENT BY AIR BLASTING. AIR BLASTING SHALL BE INCIDENTAL TO BITUMINOUS LEVELING COURSE.

GRADING NOTES

1. THE CONTRACTOR SHALL CONSTRUCT AGGREGATE BASE UNDER CONCRETE CURB AND GUTTER TO 1' BEHIND THE BACK OF CURB AND MATCH THE DEPTH OF THE ADJACENT STREET SECTION.
2. COMMON EXCAVATION REQUIRED FOR CONCRETE SIDEWALK AND DRIVEWAYS SHALL BE INCLUDED IN THE UNIT PRICES BID FOR CONCRETE AND DRIVEWAYS, RESPECTIVELY.
3. SUITABLE GRADING MATERIAL ON THIS PROJECT SHALL CONSIST OF ALL SOILS ENCOUNTERED WITH THE EXCEPTION OF TOPSOIL, DEBRIS, ORGANIC MATTER, MUCK, AND OTHER MATERIALS AS DETERMINED TO BE UNSUITABLE BY THE ENGINEER. EXCESS EXCAVATED AND UNSUITABLE MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF MNDOT SPEC 2105.

TRAFFIC CONTROL NOTES

1. THE PROVIDED PLAN IS INTENDED TO BE A GUIDE ONLY.
2. ADVANCED NOTIFICATION SIGNAGE WITH A SCHEDULED START DATE IS REQUIRED TO BE PLACE AT EACH END OF THE STREET 7 DAYS PRIOR TO THE START OF PAVEMENT REMOVAL OR ANY SUBSTANTIAL WORK. ONCE THE SIGNAGE IS IN PLACE, THE SCHEDULE MUST BE MAINTAINED FOR THAT STREET. THIS APPLIES TO ALL WORK INCLUDING THE MAIN PROJECT AREA AND SPOT DRIVEWAY WORK.
3. THE CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENTS, BUSINESSES, AND DELIVERY PERSONAL DURING CONSTRUCTION. CONTACTOR SHALL COORDINATE PRIOR TO CONSTRUCTION WITH THE POSTAL SERVICE, RECYCLING SERVICE, GARBAGE SERVICE, SCHOOL BUS SERVICE, AND THE LIKE TO MAINTAIN CONTINUAL UNINTERRUPTED SERVICE TO ALL RESIDENCES THROUGHOUT THE DURATION OF THE PROJECT.
4. THE CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION), INCLUDING THE "FIELD MANUAL FOR TEMPORARY TRAFFIC ZONE LAYOUTS".
5. CONTRACTOR SHALL ONLY INSTALL CONSTRUCTION BARRICADES IN AREAS UNDER CONSTRUCTION.
6. ALL TRAFFIC CONTROL DEVICES SHALL HAVE RETRO-REFLECTIVE SHEETING.
7. ALL TYPE 3 BARRICADES AND SIGNS SHALL HAVE FLASHERS.
8. LAYOUTS SHOWN FOR TYPICAL INTERSECTION CLOSURES, ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NEEDED DEPENDING ON THE CONTRACTOR STAGING AND OPERATIONS.
9. CONSTRUCTION ZONE SIGNING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL INCLUDE, BUT NOT LIMITED TO SIGNS FOR LANE CLOSURES, BUMP, DIP, MACHINERY AHEAD, LOOSE GRAVEL AND ETC. THE NUMBER AND LOCATIONS OF THESE SIGNS WILL DEPEND ON THE CONTRACTOR'S STAGING AND OPERATIONS.
10. AS SECTIONS OF THE STREET ARE OPENED TO TRAFFIC, THE CONTRACTOR SHALL ADJUST TRAFFIC CONTROL SIGNAGE AS NEEDED AND DIRECTED BY THE ENGINEER.
11. THE CONTRACTOR SHALL TEMPORARILY RELOCATE MAILBOXES, HAUL RECYCLING AND GARBAGE FOR RESIDENTS TO A DESIGNATED PICK UP LOCATION, AS REQUIRED BY THE SERVICE PROVIDERS. ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO PROVIDE THESE SERVICES SHALL BE INCIDENTAL TO THE CONTRACT.

WORTHINGTON USPS OFFICE (507) 376-4870

WORTHINGTON PUBLIC UTILITIES (507) 372-8680

STANDARD PLATES	
THE FOLLOWING MNDOT STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT	
PATE NO.	DESCRIPTION
3006 H	GASKET JOINT FOR R.C. PIPE (2 SHEETS)
4003 B	MANHOLE OR CATCH BASIN DESIGN - DESIGN N
4005 M	MANHOLE OR CATCH BASIN - DESIGN F
4010 I	CONCRETE ADJUSTING RINGS
4026 B	CONCRETE-ENCASED CONCRETE ADJUSTING RINGS
4101 D	RING CASTING FOR MANHOLE OR CATCH BASIN
4125 D	CATCH BASIN FRAME CASTING (FOR SQUARE GRATE), NO. 806
4133 A	CURB BOX CASTING FOR CATCH BASIN, NO. 824
4151 B	GRATE CASTING FOR CATCH BASIN (SQUARE TYPE), NO. 811
4154 B	CATCH BASIN GRATE CASTING, NO. 816
7038 A	DETECTABLE WARNING SURFACE TRUNCATED DOMES
7100 H	CONCRETE CURB AND GUTTER (DESIGN B AND DESIGN V)
7111 J	INSTALLATION OF CATCH BASIN CASTINGS (CONCRETE CURB AND GUTTER)

ESTIMATED QUANTITIES							
LINE	ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	PARKING LOT	TOWER STREET	10TH AVENUE
1	2021.501	MOBILIZATION	LS	1	0.60	0.18	0.22
2	2104.502	TREE REMOVAL	EACH	10	10		
3	2104.502	REMOVE STORM STRUCTURE	EACH	16		11	5
4	2104.602	SALVAGE AND INSTALL STREET SIGN	EACH	3	1	2	
5	2104.503	REMOVE STORM PIPE	LF	1063		596	467
6	2104.503	REMOVE CURB AND GUTTER	LF	4144	1608	1524	1012
7	2104.504	REMOVE CONCRETE	SY	919	143	776	
8	2104.504	REMOVE BITUMINOUS PAVEMENT AND BITUMINOUS REMOVAL	SY	6609	21	4400	2188
9	2105.602	SALVAGE AND INSTALL LIGHT POLE	EACH	3		3	
10	2106.507	EXCAVATION - COMMON GRAVEL (CV)	CY	1515	1515		
11	2106.507	EXCAVATION - COMMON (CV)	CY	2469	1680	447	342
12	2106.610	EXPLORATORY EXCAVATION	HR	6	1	3	2
13	2108.504	GEOTEXTILE FABRIC TYPE 4 (MODIFIED)	SY	12200	7310	2215	2675
14	2211.507	AGGREGATE BASE (CV) CLASS 5	CY	1356	738	280	338
15	2212.507	DRAINABLE AGGREGATE BASE, TYPE DSB (CV)	CY	1849	1108	336	405
16	2301.059	DRILL AND GROUT 12" REINFORCEMENT BARS (EPOXY COATED)	EACH	106	74	32	
17	2360.509	TYPE SP 12.5 WEARING COURSE MIX (2, B)	TON	1275	19	537	719
18	2503.503	4" PERF PE PIPE DRAIN (SUBGRADE INSTALLATION)	LF	3405	1871	504	1030
19	2503.503	INSTALL 10" PVC PIPE	LF	585	269		316
20	2503.503	INSTALL 12" PVC PIPE	LF	657	305	285	67
21	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN N	EACH	12	5	2	5
22	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN F	EACH	4	2	2	
23	2506.502	CASTING ASSEMBLY	EACH	16	7	4	5
24	2506.502	ADJUST FRAME AND RING CASTING	EACH	3		3	
25	2521.504	REINFORCED CONCRETE PAVEMENT 6"	SY	7796	7796		
26	2521.518	6" ADA CONCRETE WALK	SF	275	200	75	
27	2521.518	4" CONCRETE WALK	SF	1446	971	475	
28	2531.503	CONCRETE CURB AND GUTTER B618	LF	3405	1871	504	1030
29	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SY	140		140	
30	2531.618	TRUNCATED DOMES	SF	112	64	48	
31	2564.502	INSTALL NEW SIGN	EACH	3	1	2	
32	2565.501	TRAFFIC CONTROL	LS	1	0.60	0.18	0.22
33	2573.501	EROSION CONTROL SUPERVISOR	LS	1	0.60	0.18	0.22
34	2573.502	STORM DRAIN INLET PROTECTION	EACH	19	6	4	9
35	2574.507	COMMON TOPSOIL BORROW (LV)	CY	2469	1680	447	342
36	2575.604	RAPID STABILIZATION METHOD BFM	SY	823	560	149	114
37	2582.503	LINEAR MARKINGS 4" WIDTH PAINT SOLID LINE - YELLOW	LF	4838	4838		
38	2582.503	LINEAR MARKINGS 4" WIDTH PAINT 10/40 SKIP	LF	315	315		
39	2600.503	TRENCH EXCAVATION AND BACKFILL	LF	1466	798	285	383
40	2600.507	GRANULAR MATERIAL (LV)	CY	489	266	95	128
41	2600.518	3" INSULATION	SF	336	336		
42	2621.502	SANITARY SEWER INSTALLATION - MANHOLE	EACH	2	2		

City of Worthington, MN 2026. All rights reserved. (507) 376-4870. 10th, parking@ci.worthington.mn.us. 08/01/2026 16:48:07

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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



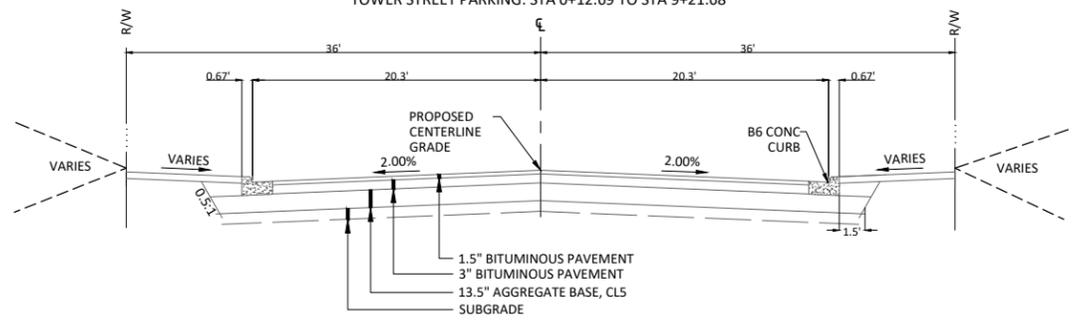
303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1  
 www.ci.worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
MIMC			
CHECKED			
CLIENT PROJ. NO.			
26 06			

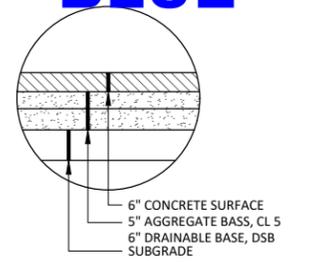
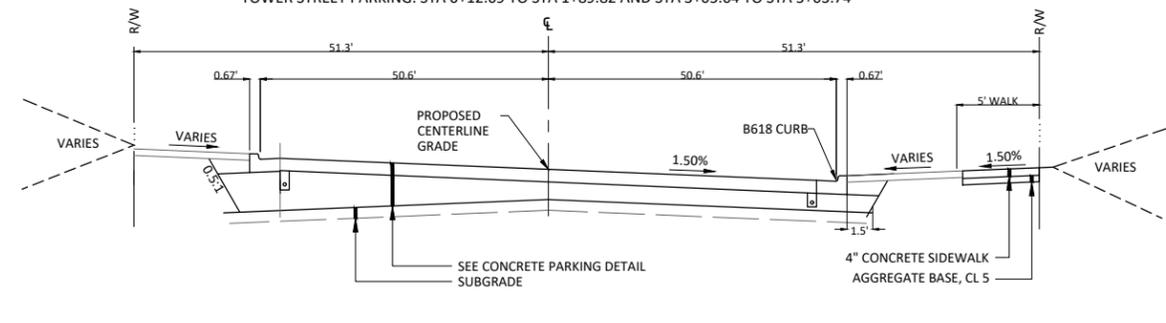
CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 GENERAL NOTES & ESTIMATED QUANTITIES



**EXISTING TYPICAL SECTION**  
TOWER STREET PARKING: STA 0+12.69 TO STA 9+21.68

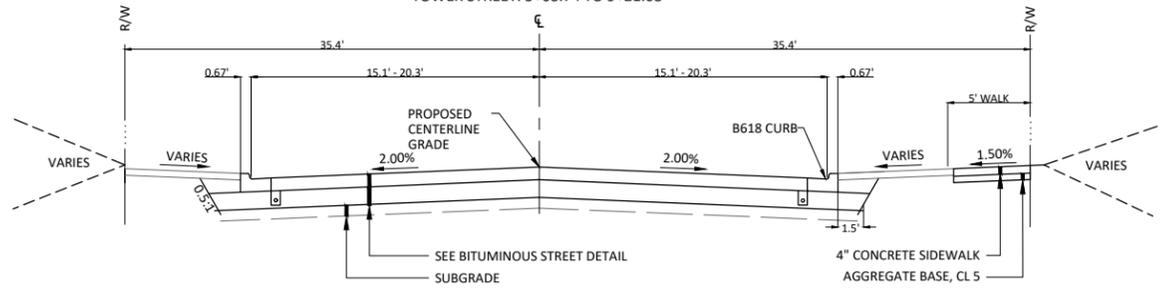


**PROPOSED TYPICAL SECTION**  
TOWER STREET PARKING: STA 0+12.69 TO STA 1+89.82 AND STA 3+05.04 TO STA 5+03.74

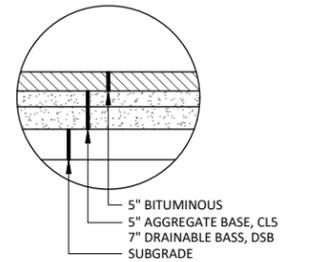
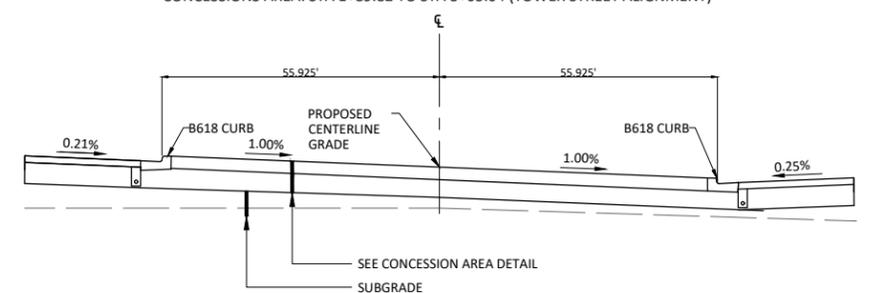


**CONCRETE PARKING AND CONCESSIONS AREA**  
NOT TO SCALE

**PROPOSED TYPICAL SECTION**  
TOWER STREET: 5+03.74 TO 9+21.68

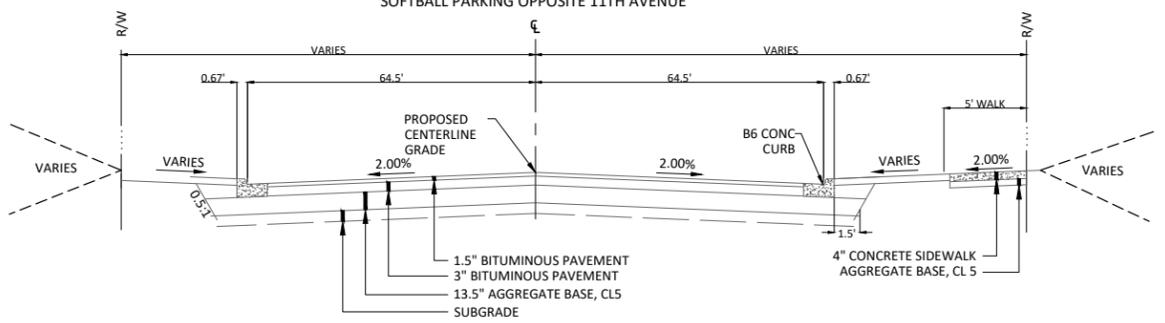


**PROPOSED TYPICAL SECTION**  
CONCESSIONS AREA: STA 1+89.82 TO STA 3+05.04 (TOWER STREET ALIGNMENT)

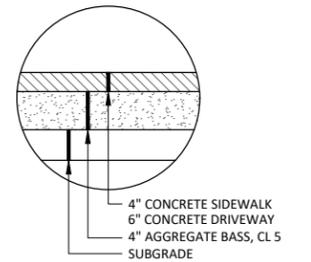
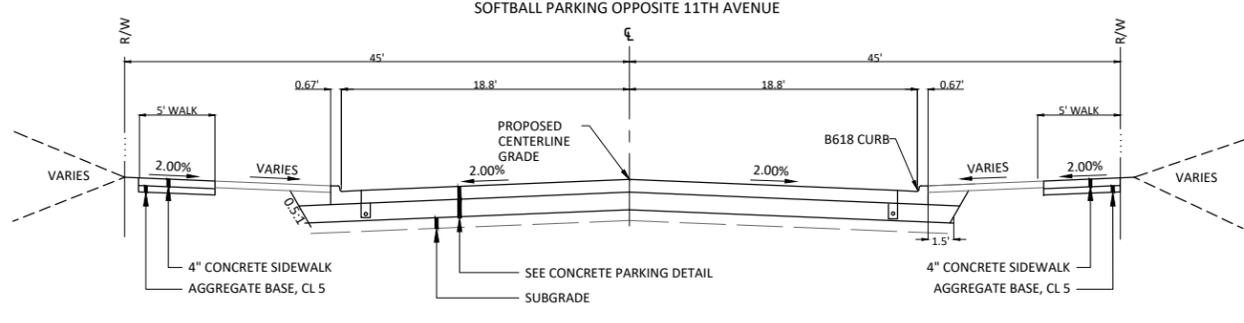


**BITUMINOUS STREET AND PATCH**  
NOT TO SCALE

**EXISTING TYPICAL SECTION**  
SOFTBALL PARKING OPPOSITE 11TH AVENUE

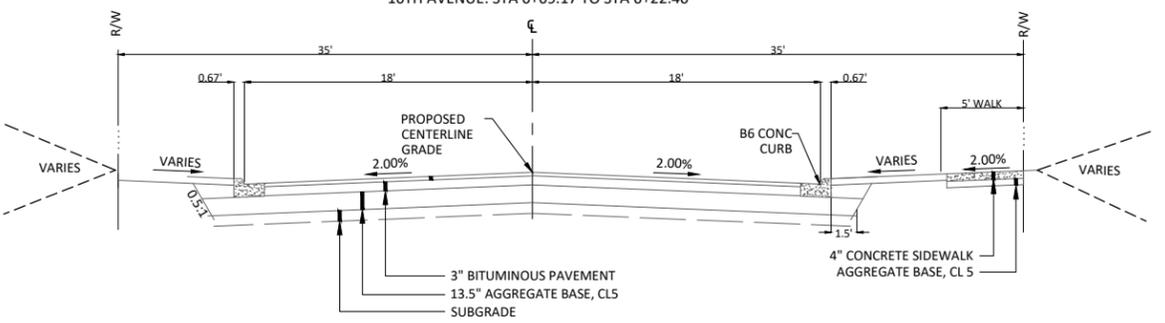


**PROPOSED TYPICAL SECTION**  
SOFTBALL PARKING OPPOSITE 11TH AVENUE

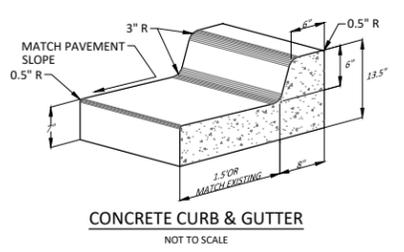
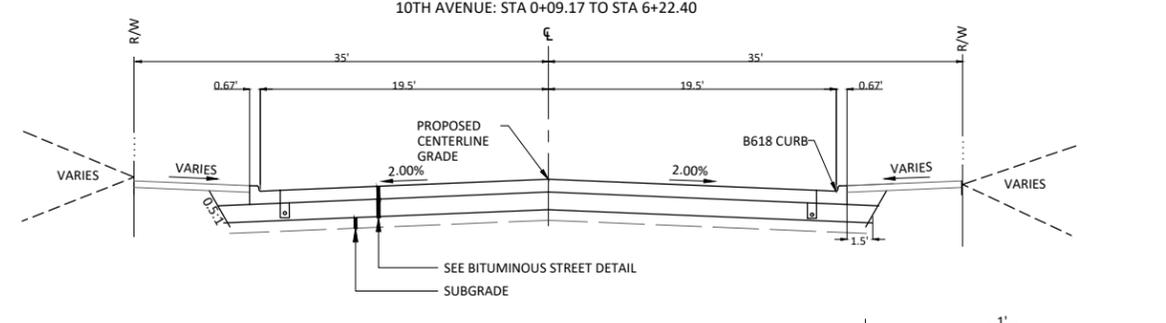


**CONCRETE SIDEWALK & DRIVEWAY PATCH**  
NOT TO SCALE

**EXISTING TYPICAL SECTION**  
10TH AVENUE: STA 0+09.17 TO STA 6+22.40



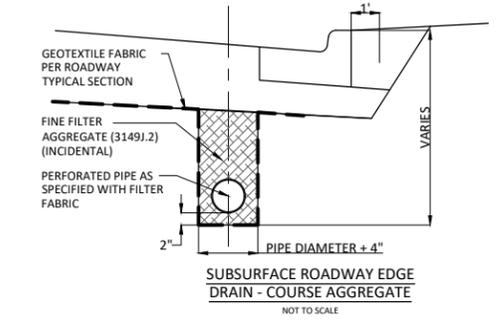
**PROPOSED TYPICAL SECTION**  
10TH AVENUE: STA 0+09.17 TO STA 6+22.40



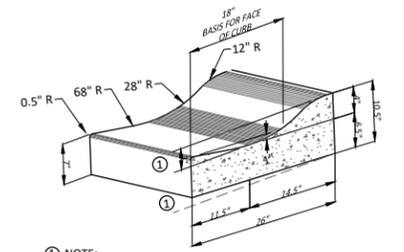
**CONCRETE CURB & GUTTER**  
NOT TO SCALE

**NOTES:**

1. ANY VARIATION FROM THE TYPICAL SECTION DIMENSIONS ARE SHOWN ON THE PLAN DRAWINGS.
2. PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOSE SHOWN ON THE TYPICAL SECTION.



**SUBSURFACE ROADWAY EDGE DRAIN - COURSE AGGREGATE**  
NOT TO SCALE



NOTE: CURB SHALL BE PLACED IN A TILTED POSITION AS SUCH TO PROVIDE A 3\"/>

**CONCRETE CURB & GUTTER - MOUNTABLE**  
NOT TO SCALE

City of Worthington, MN 2026. All rights reserved. 10th\_parking@cityofworthington.com

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.

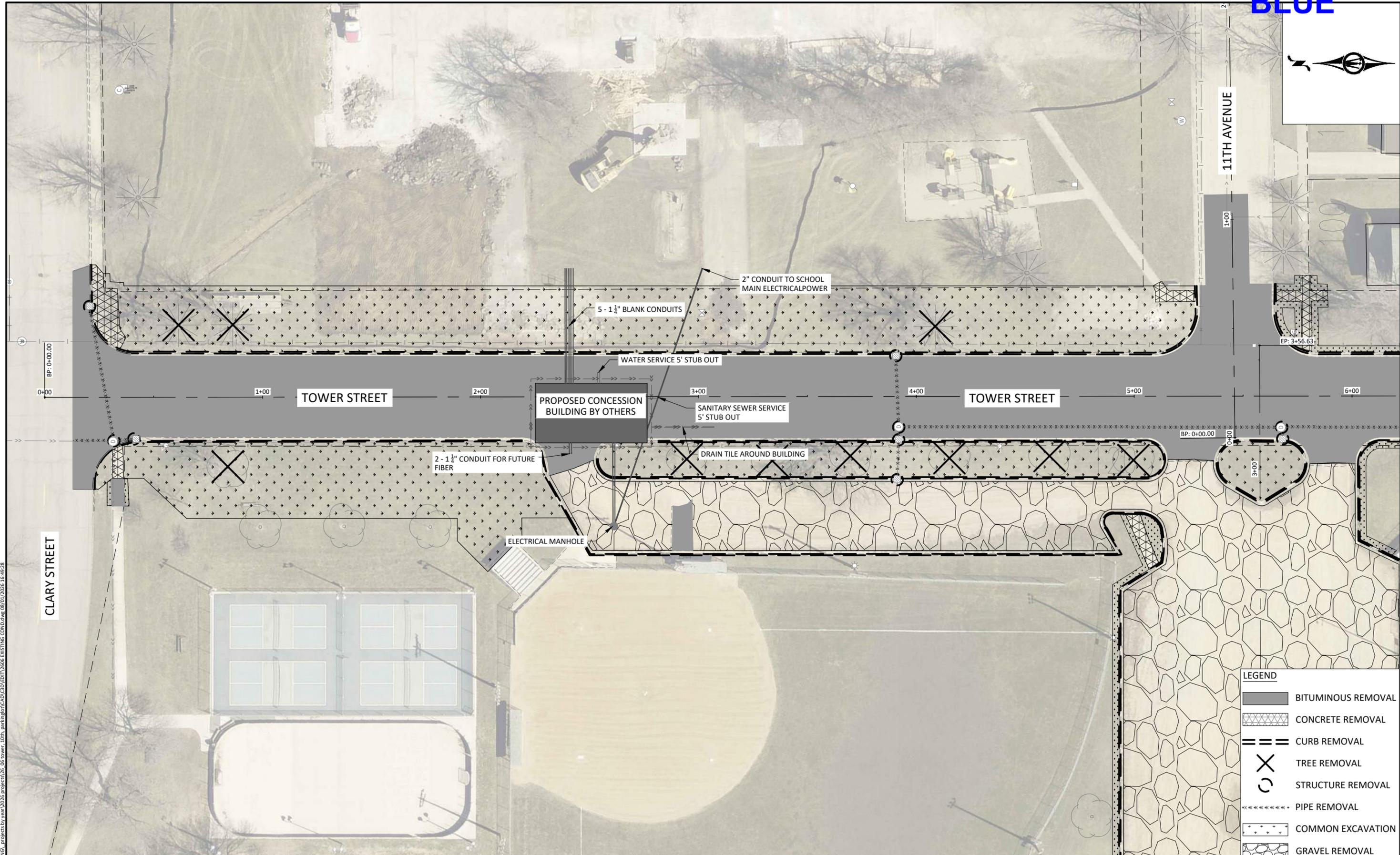
HYUNMYEONG GOO  
LIC. NO. 60671 DATE



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
www.ci.worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN	MIMC		
CHECKED			
CLIENT PROJ. NO.	26 06		

**CITY OF WORTHINGTON, MINNESOTA**  
PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
TYPICAL SECTIONS



**LEGEND**

	BITUMINOUS REMOVAL
	CONCRETE REMOVAL
	CURB REMOVAL
	TREE REMOVAL
	STRUCTURE REMOVAL
	PIPE REMOVAL
	COMMON EXCAVATION
	GRAVEL REMOVAL



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1 [www.ci.worthington.mn.us](http://www.ci.worthington.mn.us)

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			
	26	06	

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 EXISTING CONDITIONS AND REMOVALS 1

City of Worthington, MN 2026. All Rights Reserved. (Customer Shared) ENR Projects by Year 2026 Project 13.26\_05 tower, 10th, parkside(CAD).CD (EDIT) 2606 EXISTING COND.dwg 08/01/2026 16:49:28

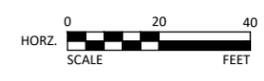
BLUE



**LEGEND**

- BITUMINOUS REMOVAL
- CONCRETE REMOVAL
- CURB REMOVAL
- TREE REMOVAL
- STRUCTURE REMOVAL
- PIPE REMOVAL
- COMMON EXCAVATION
- GRAVEL REMOVAL

City of Worthington, MN 2026. All Rights Reserved. (Customer Shared) ENR Projects by Year 2026 Project 13.26\_05 tower, 10th, parkside1(CAD).CD (EDIT) 2606 EXISTING COND.dwg 08/01/2026 16:49:41



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1. worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
MIMC			
CHECKED			
CLIENT PROJ. NO.			
26_06			

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 EXISTING CONDITIONS AND REMOVALS 2

SHEET 7  
 OF 36

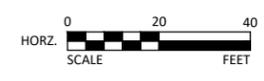
BLUE



**LEGEND**

-  BITUMINOUS REMOVAL
-  CONCRETE REMOVAL
-  CURB REMOVAL
-  TREE REMOVAL
-  STRUCTURE REMOVAL
-  PIPE REMOVAL
-  COMMON EXCAVATION
-  GRAVEL REMOVAL

City of Worthington, MN 2026. All Rights Reserved. 08/01/2026 16:49:52



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_

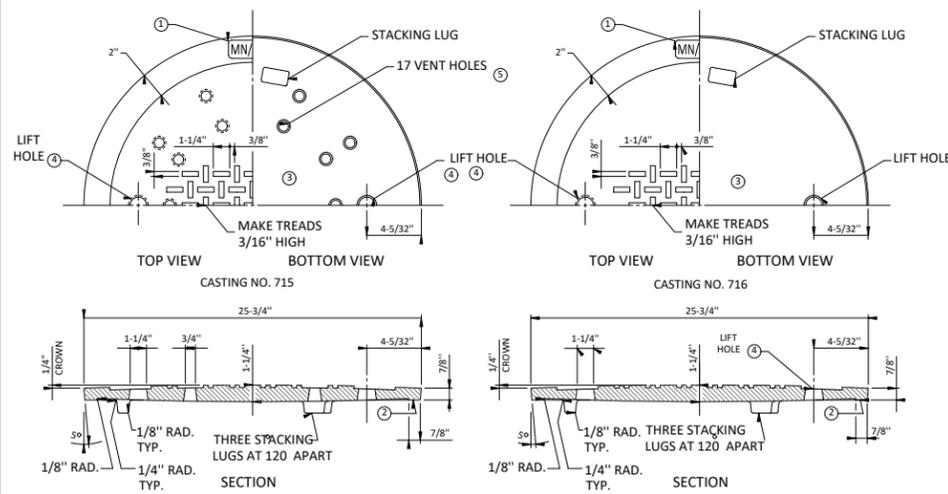


303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1. worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			
	26	06	

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 EXISTING CONDITIONS AND REMOVALS 3

SHEET  
 8  
 OF  
 36



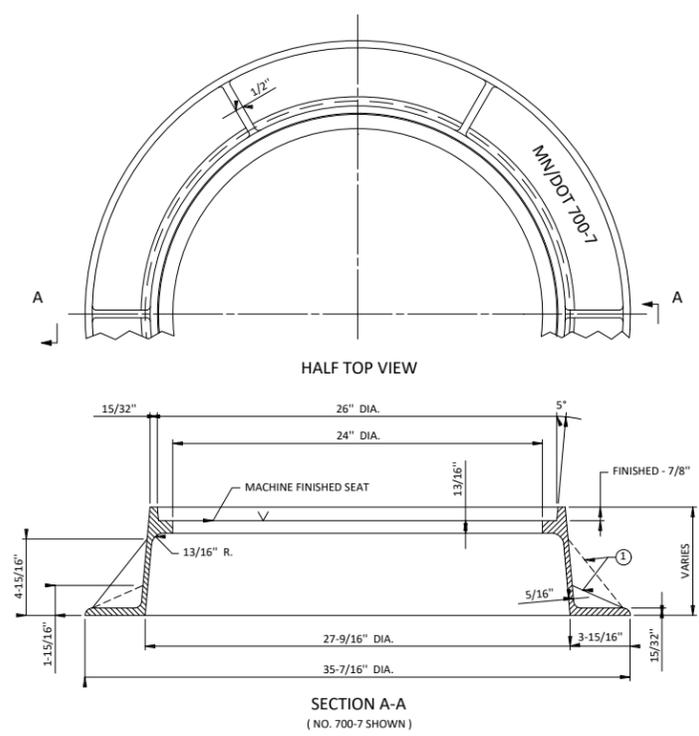
NOTES:  
 THESE COVERS TO BE USED WITH RING CASTING NO. 700-4 TO 700-10.  
 ① ON OPPOSITE SIDE OF TOP SURFACE PLACE CASTING NUMBER, LETTERS (MN/DOT) AND NUMERALS TO BE 3/4" IN HEIGHT AND DEPRESSED 1/8".  
 ② MACHINE FINISHED THICKNESS TO BE 1/16".  
 ③ COVER SHALL BE MADE OF GRAY IRON, CLASS 35B.  
 ④ LIFT HOLE 1-1/4" DIA. AT THE TOP, 1-1/2" AT THE BOTTOM.  
 ⑤ EIGHT (8) VENT HOLES IN OUTER CIRCLE. HOLES ARE 3/4" DIA. AT THE TOP AND 1" DIA. AT THE BOTTOM. INNER CIRCLE IS 2" FROM THE OUTER CIRCLE.

STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION

**COVER CASTING FOR MANHOLE**  
 (FOR USE IN ALL TRAFFIC AREAS)

SPECIFICATION REFERENCE: 2506  
 REVISED 9-13-2016 M.J.E.  
 STANDARD PLATE NO.: 4110F

CASTING NO. 715 - 115 LBS.  
 CASTING NO. 716 - 118 LBS.



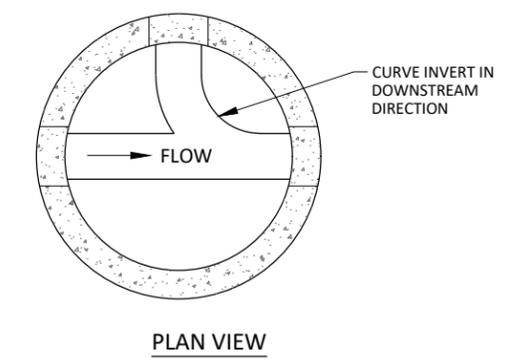
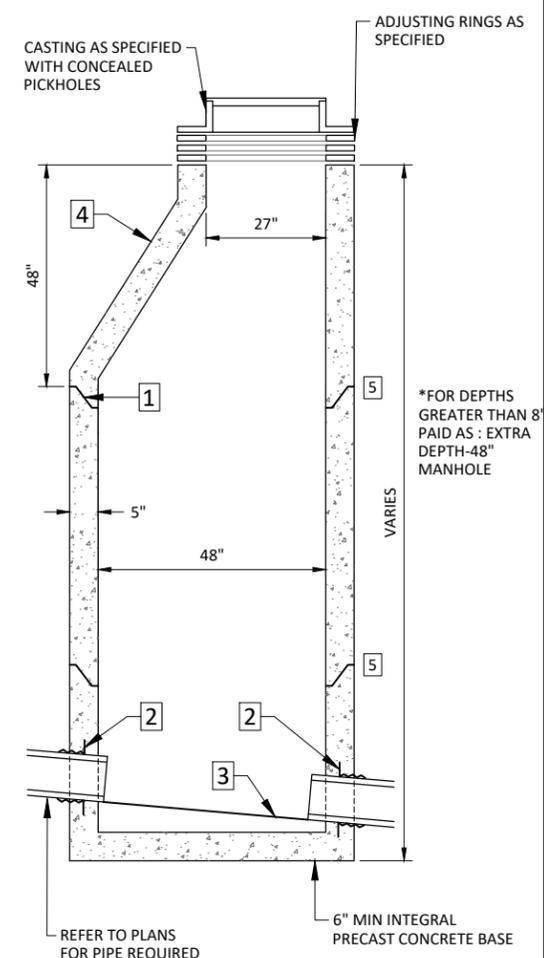
STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION

**RING CASTING FOR MANHOLE OR CATCH BASIN**

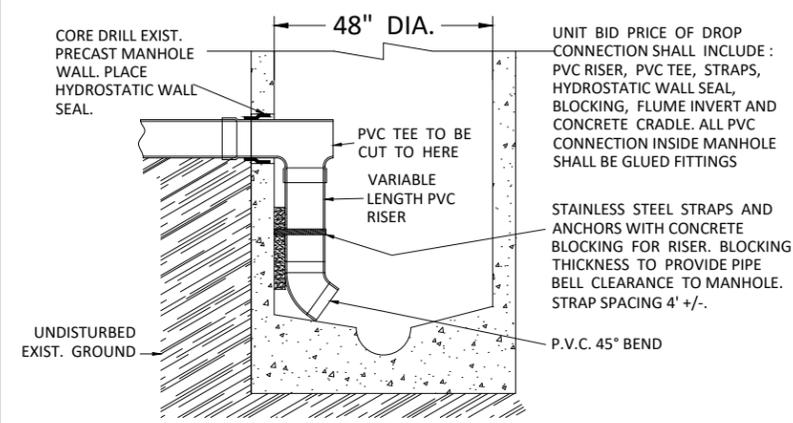
SPECIFICATION REFERENCE: 2506  
 STANDARD PLATE NO.: 4101D

NOTES:  
 THIS RING CASTING TO BE USED IN CONJUNCTION WITH ANY OF THE FOLLOWING CASTINGS:  
 MANHOLE COVER NO. 715 OR NO. 716  
 MANHOLE OR CATCH BASIN GRATES NO. 720 OR NO. 721.  
 ① ALTERNATING GUSSETS ( 3 EACH ).

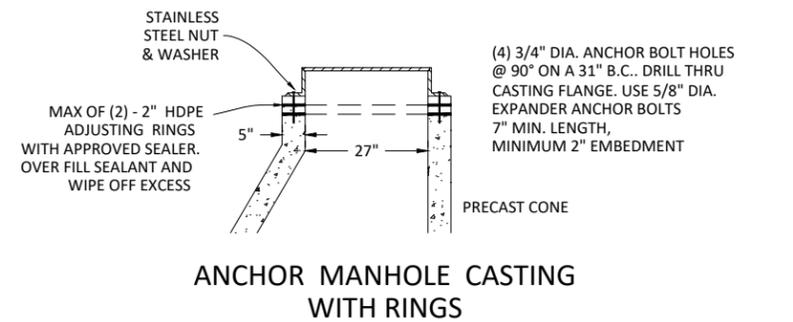
4" CASTING NO. 700-4 ( 98 LBS. )  
 7" CASTING NO. 700-7 ( 118 LBS. )  
 8" CASTING NO. 700-8  
 9" CASTING NO. 700-9  
 10" CASTING NO. 700-10



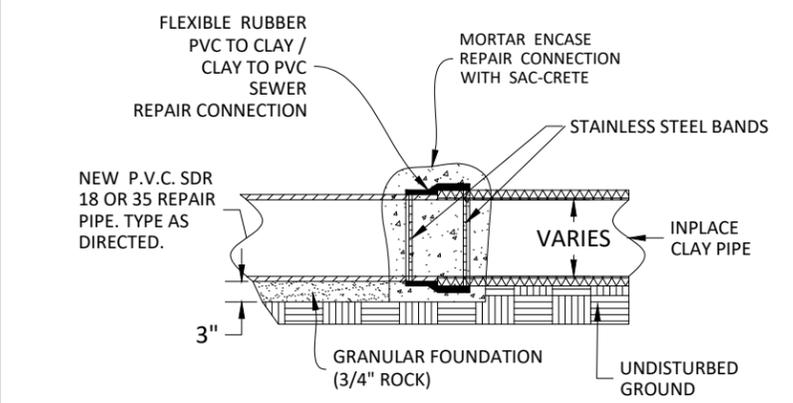
1. RUBBER GASKET (TYPICAL)  
 2. FLEXIBLE WATERTIGHT SEAL TO BE APPROVED BY ENGINEER  
 3. SHAPE, DEPTH AND SLOPE OF INVERT TO BE APPROVED BY ENGINEER  
 4. MnDOT TYPE "B" ECCENTRIC PRECAST CONCRETE CONE SECTION TYPICAL FOR ALL MANHOLES  
 5. 8" WIDE, 1/4" THICK BITUMINOUS MASTIC WRAP FULL CIRCUMFERENCE (WHEN SPECIFIED)



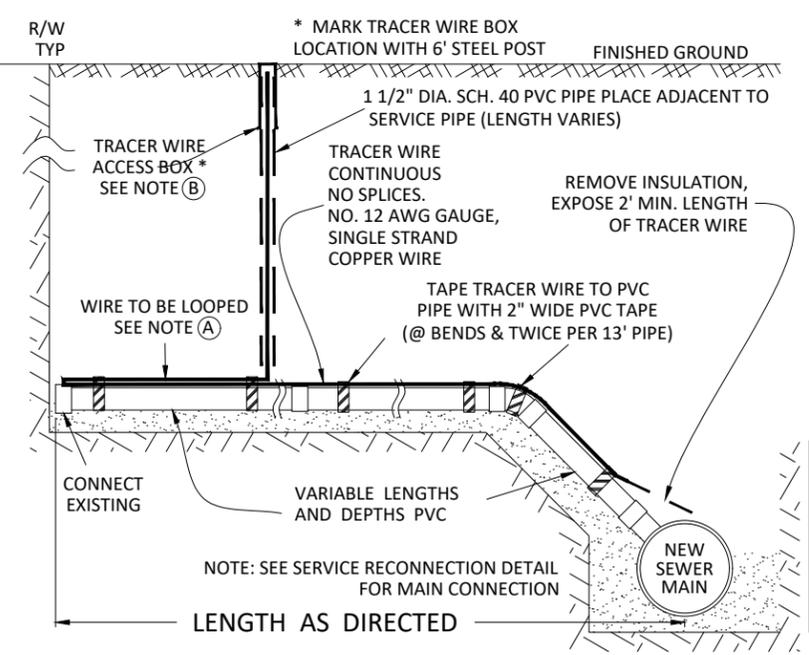
**INSIDE DROP CONNECTION EXISTING PRECAST AND EXISTING MANHOLE**



**ANCHOR MANHOLE CASTING WITH RINGS**

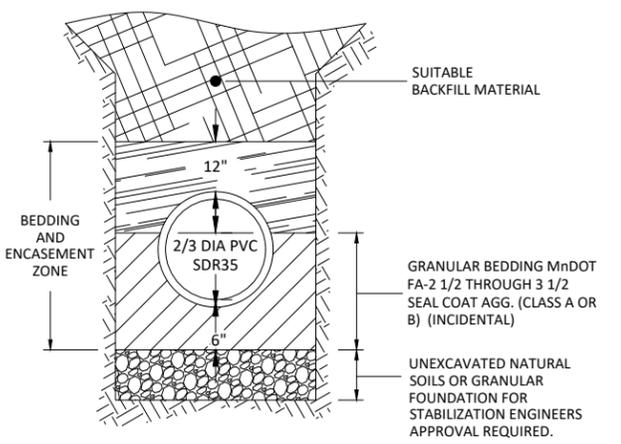


**SANITARY PIPE REPAIR CONNECTION**



**SEWER SERVICE STUB WITH TRACER WIRE**

- (A) IF TRACER WIRE INSTALLED TO BUILDING MINIMUM OF 2' OF TRACER WIRE TO BE EXPOSED AT BUILDING END OF WIRE (**REQUIRED > 4" SERVICE; OPTIONAL 4" SERVICE**)
- (B) TRACER WIRE ACCESS BOX SHALL BE "VALVCO INC." OR "HANDLEY INDUSTRIES INC. 2" CATHODIC TEST STATION" BRANDS OR APPROVED EQUAL. LID SHALL BE STAMPED "SEWER".



**SEWER MAIN AND SERVICE BEDDING DETAIL**  
 P.V.C. SDR 35

**SANITARY MANHOLE**  
 NOT TO SCALE

City of Worthington, MN 2026. All rights reserved. (City of Worthington) Energy Projects by Year 2026 Project 13.26.05 tower\_10th\_parking@CAD\_CED (EDIT) 2606 SSV DETAIL.dwg 08/07/2025 15:50:05

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.

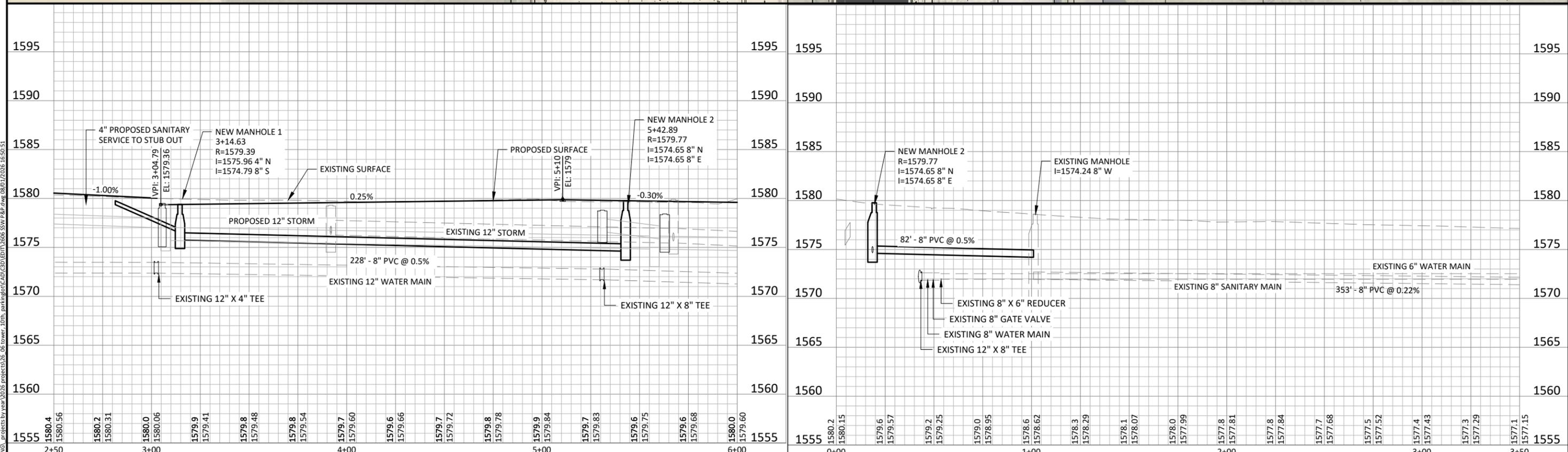
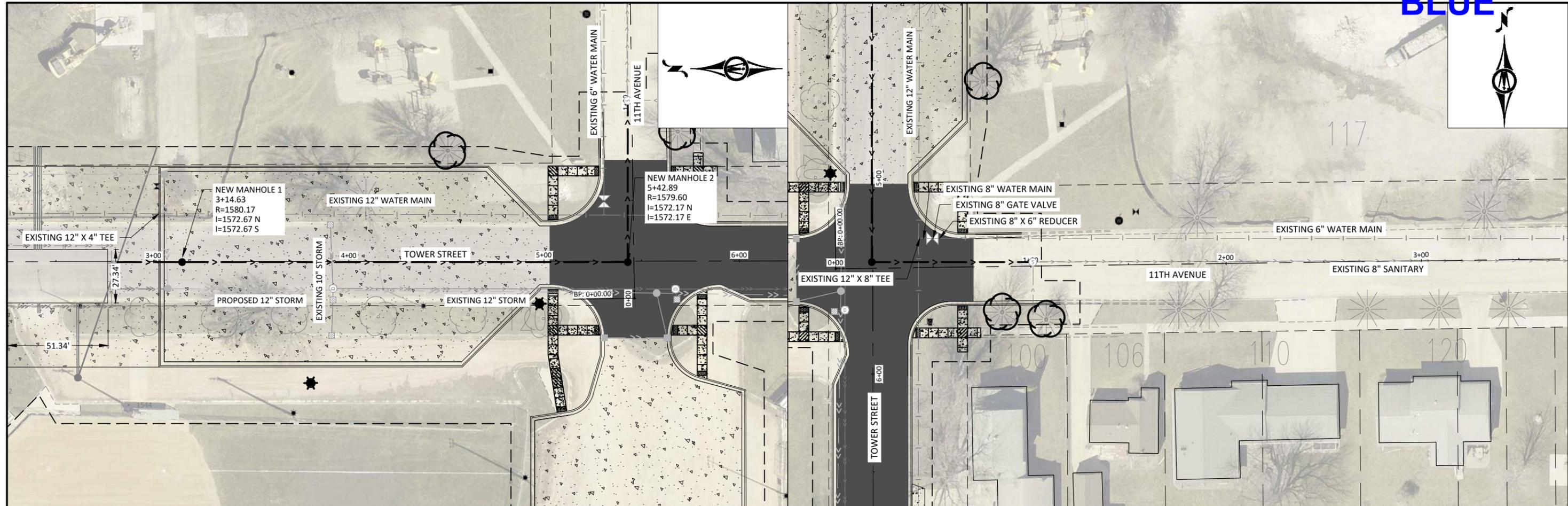
HYUNMYEONG GOO  
 LIC. NO. 60671 DATE



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1  
 www.ci.worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 SANITARY SEWER DETAILS



City of Worthington, MN 2026. All rights reserved. (Customer Shared) ENR Projects by Year 2026 Projects.26\_05 tower\_10th\_parking(CAD).CD (D) 2606 SW P&P.dwg 08/07/2026 16:59:51



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.  
HYUNMYEONG GOO  
LIC. NO. 60671 DATE

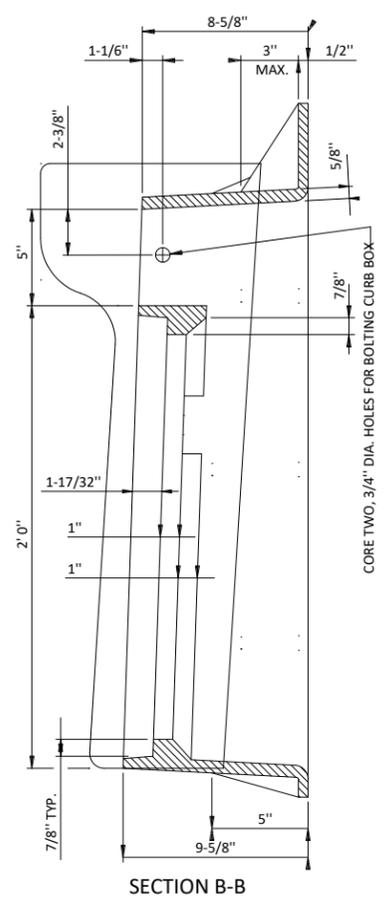
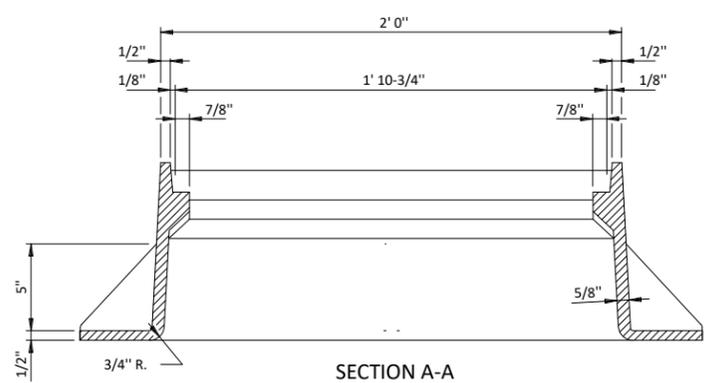
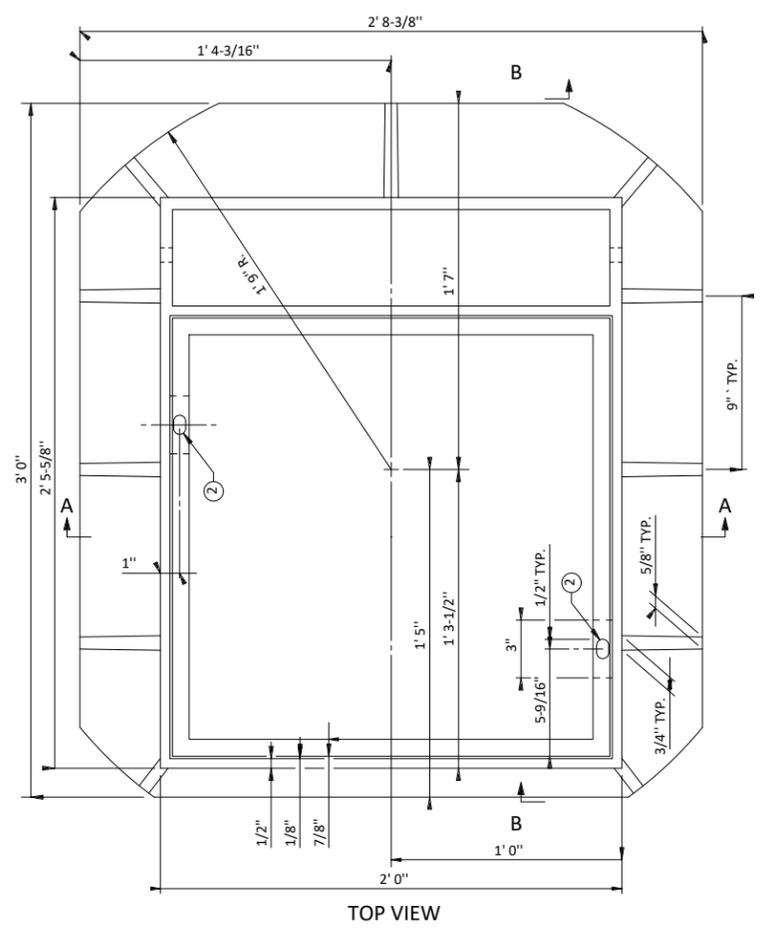


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
www.ci.worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN	MIMC		
CHECKED			
CLIENT PROJ. NO.	26_06		

CITY OF WORTHINGTON, MINNESOTA  
PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
SANITARY PLAN AND PROFILE





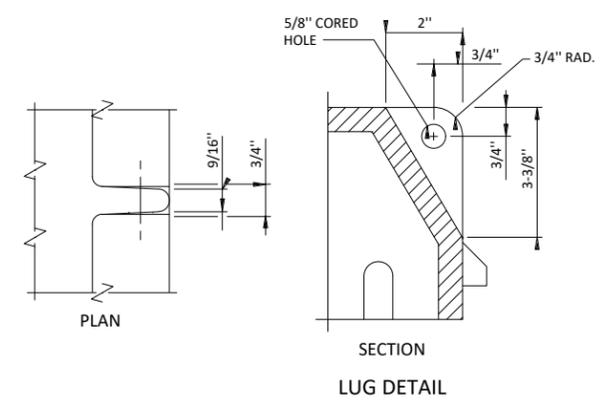
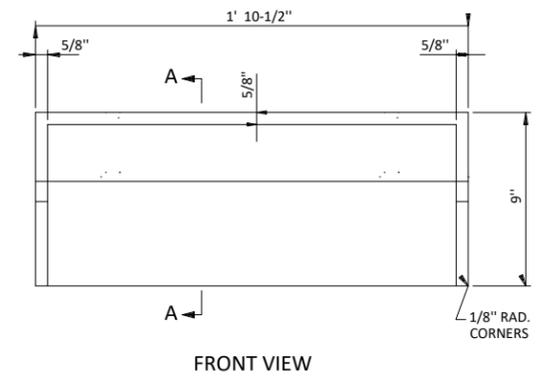
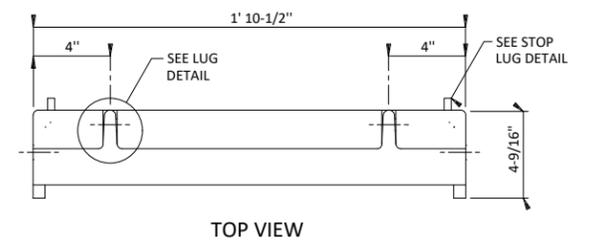
CASTINGS USED FOR ASSEMBLY	
GRATE	NO. 811, 814A, 815, 816
CURB BOX	NO. 824 OR 825

**NOTES:**  
 APPROVED ALTERNATE FRAME CASTINGS MAY BE USED.  
 FOR USE WITH 30" DIAMETER CATCH BASIN. —  
 USE 1/4" FILLETS IN ALL CORNERS.  
 SEE STD. PLATE 7111, "INSTALLATION OF CATCH BASIN CASTINGS" FOR CONSTRUCTION REQUIREMENTS.

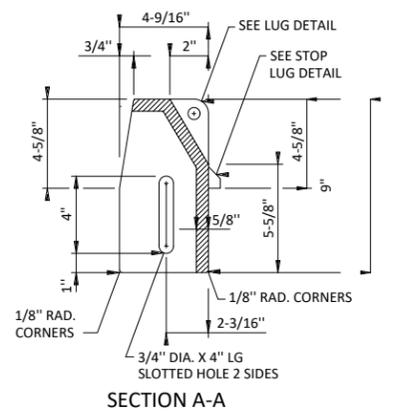
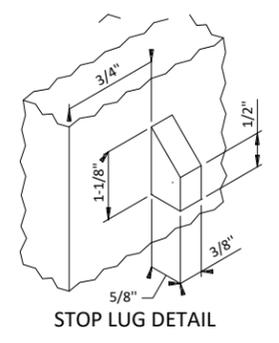
① APPLIED TO DESIGN B CURB AND CURB & GUTTER.  
 ② AT LOCATIONS INDICATED IN TOP VIEW, PROVIDE 5/8" DIA. X 1" SLOTTED HOLES WHEN GRATE NO. 816 IS TO BE USED WITH THIS FRAME. FIELD PLACE 1/2" DIA. X 4" LONG GALVANIZED BOLT IN UP STREAM SIDE AND BEND UNDERSIDE TO PREVENT REMOVAL. THIS WILL PREVENT GRATE NO. 816 FROM BEING PLACED IN WRONG DIRECTION AND NOT BEING BICYCLE SAFE.

STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION  
**CATCH BASIN FRAME CASTING**  
 (FOR SQUARE GRATE)

GRATE FRAME CASTING NO. 806  
 SPECIFICATION REFERENCE 2506  
 STANDARD PLATE NO. 4125D



CURB BOX CASTING NO. 824  
 APPROXIMATE WEIGHT - 50 LBS.



**NOTES:**  
 USE 1/4" FILLETS UNLESS OTHERWISE NOTED.  
 SEE STD. PLATE 7111, "INSTALLATION OF CATCH BASIN CASTINGS" FOR CONSTRUCTION REQUIREMENTS.

STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION  
**CURB BOX CASTING FOR CATCH BASIN**

SPECIFICATION REFERENCE 2506  
 STANDARD PLATE NO. 4133A

City of Worthington, MN 2026. All Rights Reserved. (C:\Users\333333\OneDrive\ENR Projects\Year 2026 Projects\26\_05\_tower\_10th\_parking\3\CAD\CD\EDIT\2606 STORM DETAIL SHEET.dwg 08/01/2025 15:51:25)

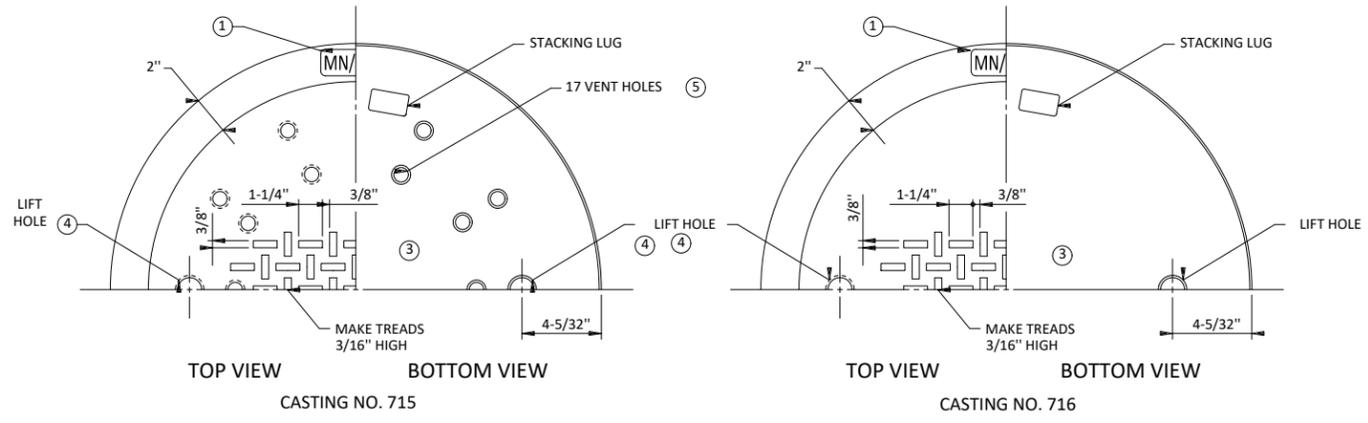
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
 HYUNMYEONG GOO  
 LIC. NO. 60671 DATE



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1  
 www.ci.worthington.mn.us

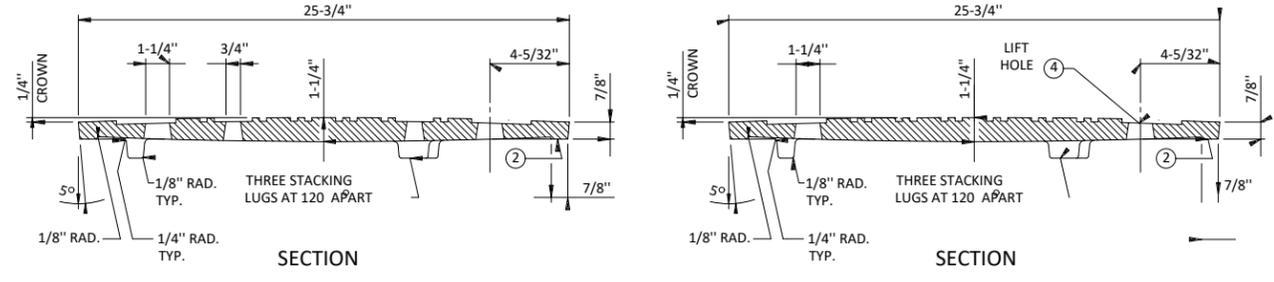
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
**STORM DETAIL 2**



- NOTES:**  
 THESE COVERS TO BE USED WITH RING CASTING NO. 700-4 TO 700-10.
- ① ON OPPOSITE SIDE OF TOP SURFACE PLACE CASTING NUMBER, LETTERS (MN/DOT) AND NUMERALS TO BE 3/4" IN HEIGHT AND DEPRESSED 1/8".
  - ② MACHINE FINISHED THICKNESS TO BE 13/16".
  - ③ COVER SHALL BE MADE OF GRAY IRON. CLASS 35B.
  - ④ LIFT HOLE 1-1/4" DIA. AT THE TOP, 1-1/2" AT THE BOTTOM.
  - ⑤ EIGHT (8) VENT HOLES IN OUTER CIRCLE. NINE (9) VENT HOLES IN INNER CIRCLE. HOLES ARE 3/4" DIA. AT THE TOP AND 1" DIA. AT THE BOTTOM. INNER CIRCLE IS 2" FROM THE OUTER CIRCLE.

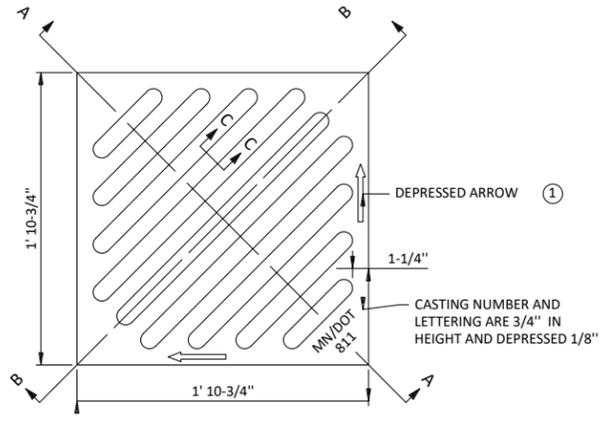
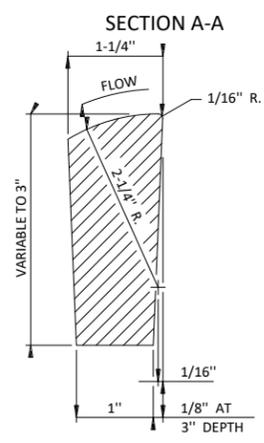
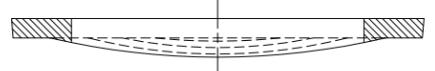
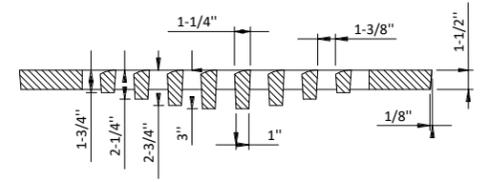
CASTING NO. 715 - 115 LBS.  
 CASTING NO. 716 - 118 LBS.



APPROVED OCTOBER 25, 1996  
 STATE DESIGN ENGINEER

STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION  
**COVER CASTING FOR MANHOLE**  
 (FOR USE IN ALL TRAFFIC AREAS)

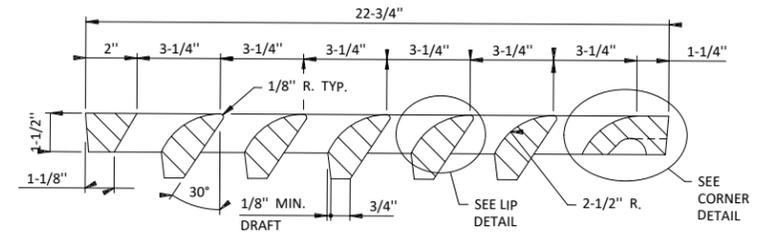
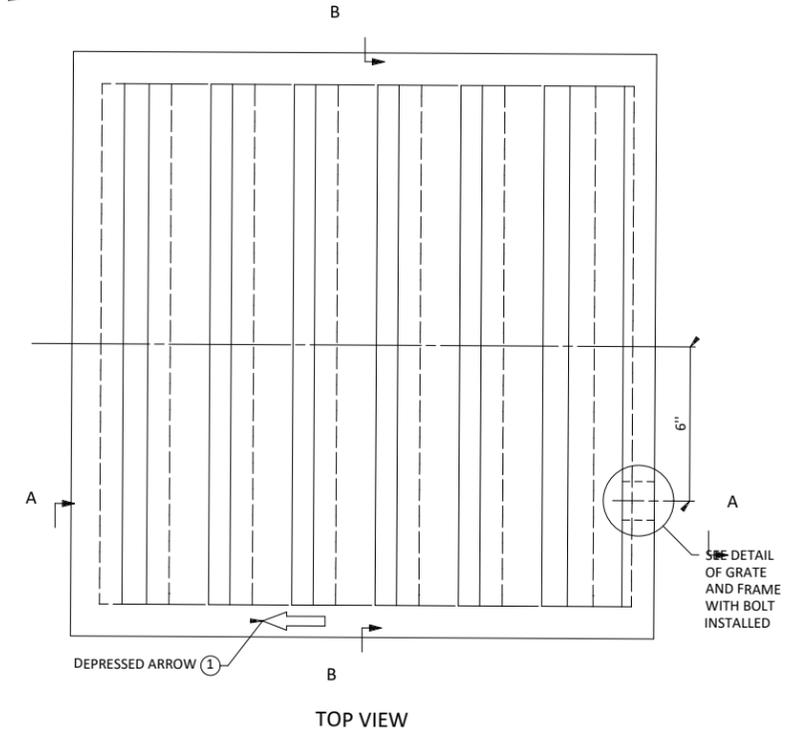
SPECIFICATION REFERENCE 2506  
 STANDARD PLATE NO. 4110F  
 REVISED 9-13-2016 M.J.E.



- NOTES:**  
 THIS GRATE IS TO BE USED WITH CATCH BASIN FRAME CASTING NO. 802.
- ① INSTALL GRATE WITH ARROW ON CURB SIDE OF BASIN AND IN DIRECTION OF FLOW.

STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION  
**GRATE CASTING FOR CATCH BASIN**  
 SQUARE TYPE

SPECIFICATION REFERENCE 2506  
 STANDARD PLATE NO. 4151B

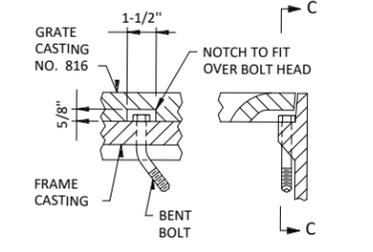
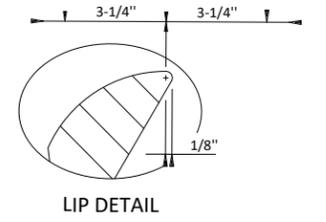
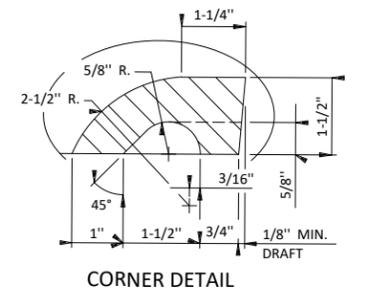


STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION  
**CATCH BASIN GRATE CASTING**

SPECIFICATION REFERENCE 2506  
 STANDARD PLATE NO. 4154B

- NOTES:**  
 THIS GRATE IS TO BE USED WITH CATCH BASIN FRAME CASTING NO. 802A OR 805.
- GRATE CASTING 816 IS BICYCLE SAFE WHEN INSTALLED IN CORRECT POSITION. (NOTCH PROVIDED TO FIT OVER BOLT HEAD IN FRAME TO PREVENT WRONG ALIGNMENT OF VANES)
- ① INSTALL GRATE WITH ARROW IN DIRECTION OF FLOW.

STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION  
**GRATE CASTING NO. 816**



CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
**STORM DETAIL 3**

City of Worthington, MN 2016. All rights reserved. (Usernames shared) ENR projects by year 2016 project 13.25. 05 tower, 10th, parkside(CAD), CED, EDIT, 2606 STORM DETAIL SHEET.dwg, 08/31/2016, 15:51:36

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.

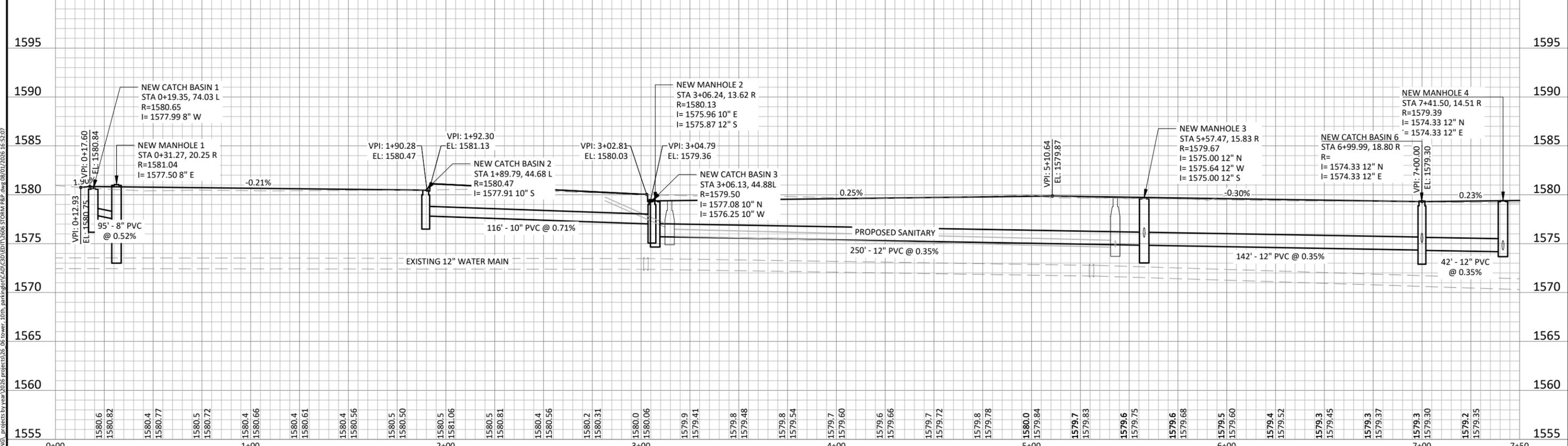
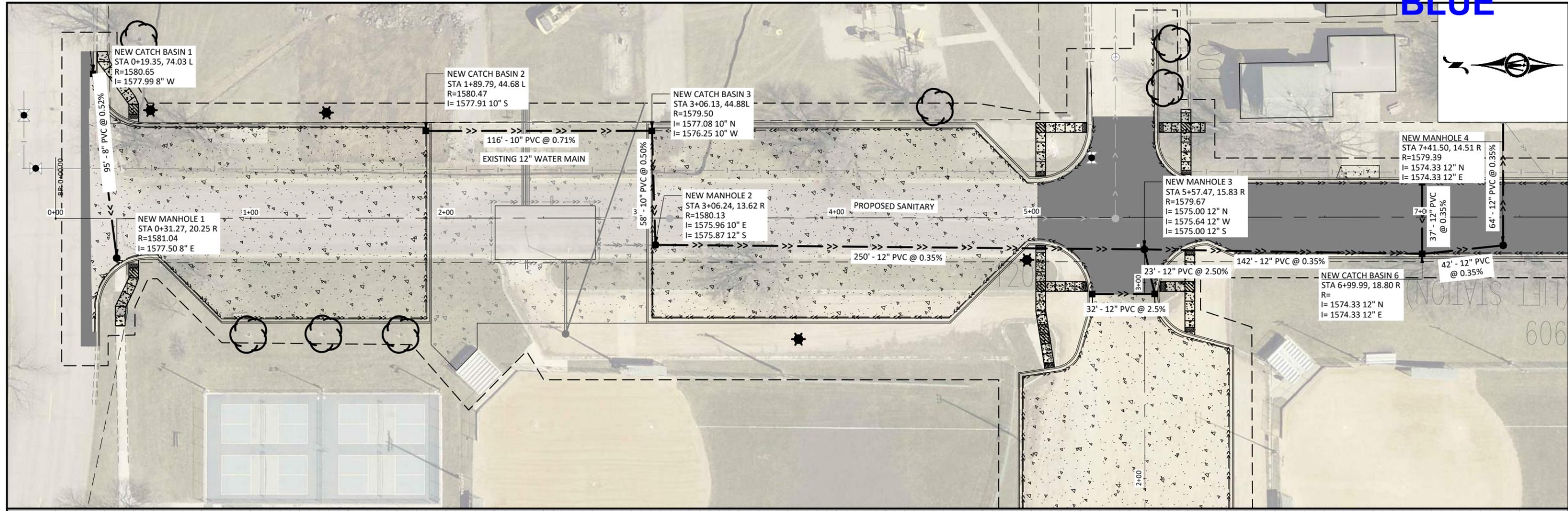
HYUNMYEONG GOO  
 LIC. NO. 60671 DATE



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1. worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.	26	06	

SHEET 13 OF 36



City of Worthington, MN 2026. All Rights Reserved. (City of Worthington) Energy Projects by Year 2026 Projects.26\_05\_tower\_10th\_parking(CAD).CD (D:\12606 STORM P&E.dwg 08/07/2025 15:52:07)



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1: [www.ci.worthington.mn.us](http://www.ci.worthington.mn.us)

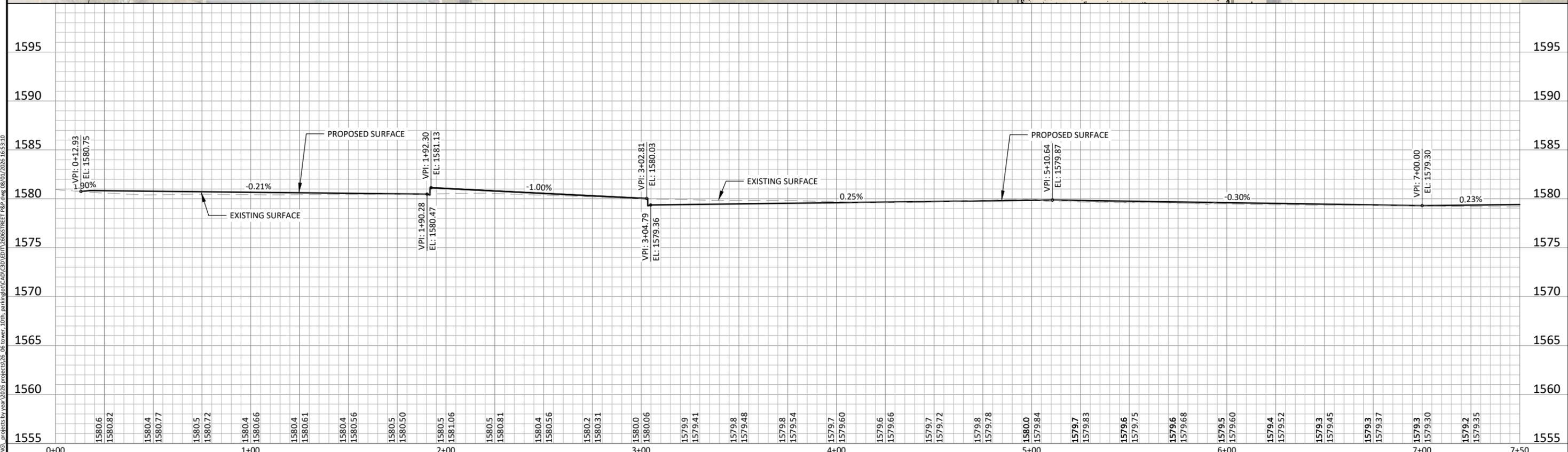
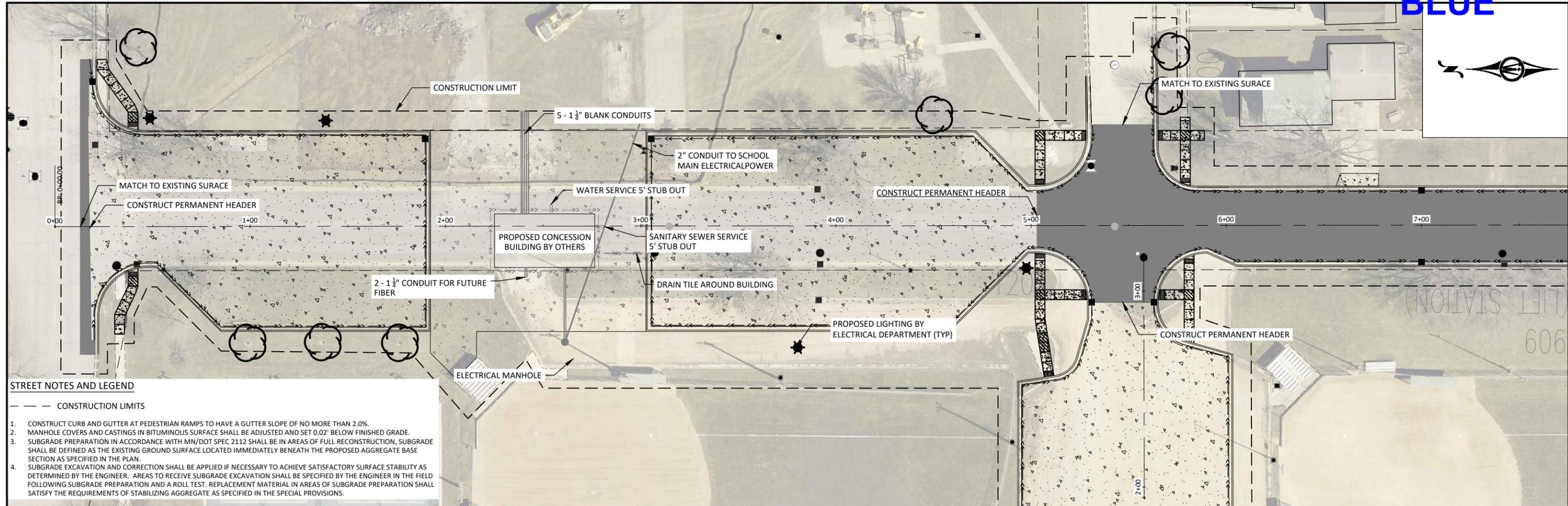
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN	MIMC		
CHECKED			
CLIENT PROJ. NO.	26 06		

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 STORM SEWER PLAN & PROFILE 1

SHEET 14 OF 36







City of Worthington, MN 2016. All Rights Reserved. (C:\Users\jsharkey\OneDrive\Documents\Projects\2016\Projects\26\_06\_tower\_10th\_parking\DWG\CAD\CD\126685 STREET P&R.dwg, 08/01/2016, 16:53:10)



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE

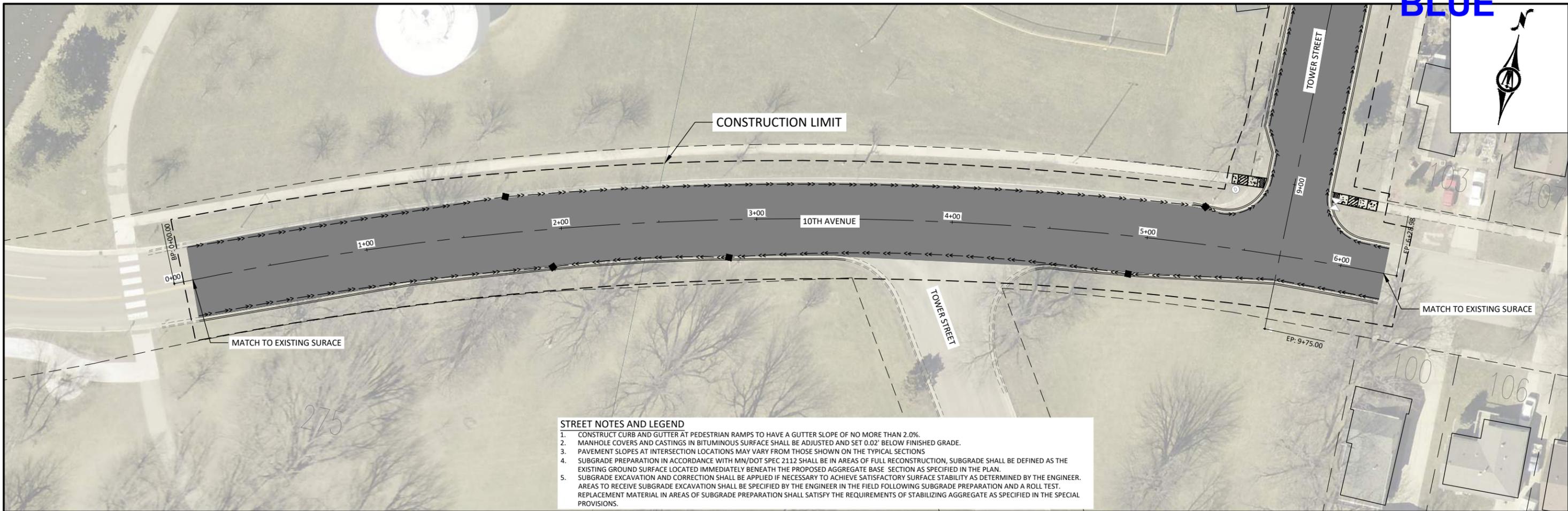


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 1  
www.ci.worthington.mn.us

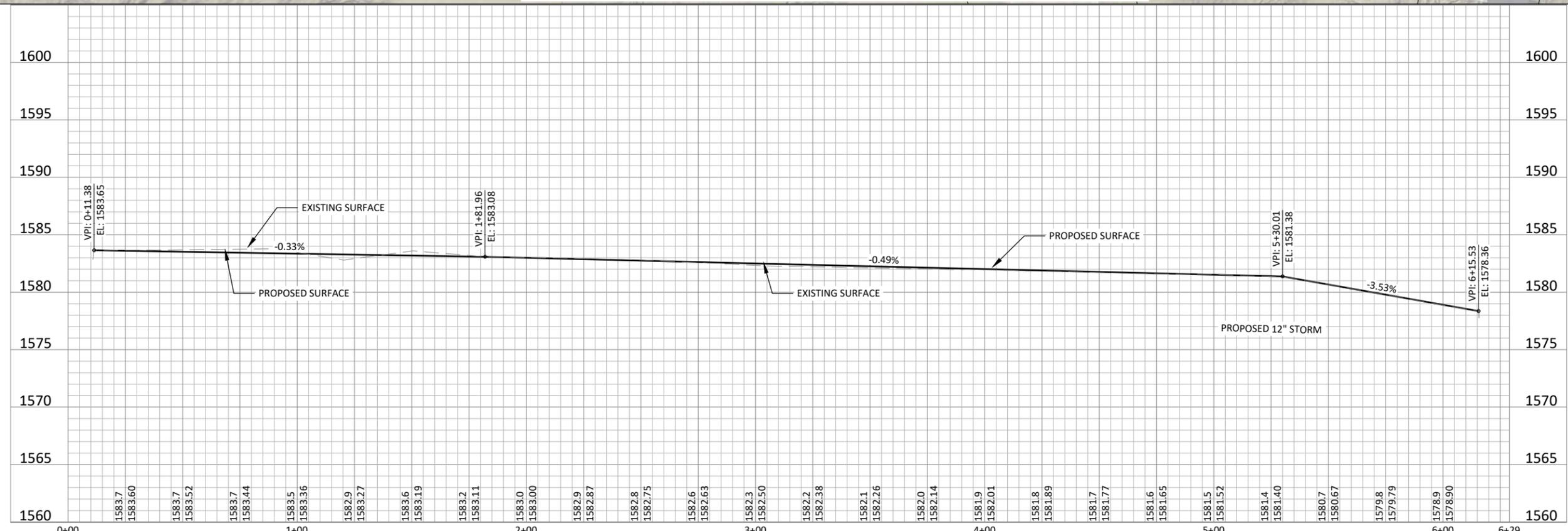
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN	MIMC		
CHECKED			
CLIENT PROJ. NO.	26_06		

CITY OF WORTHINGTON, MINNESOTA  
PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
STREET PLAN & PROFILE 1





- STREET NOTES AND LEGEND**
1. CONSTRUCT CURB AND GUTTER AT PEDESTRIAN RAMPS TO HAVE A GUTTER SLOPE OF NO MORE THAN 2.0%.
  2. MANHOLE COVERS AND CASTINGS IN BITUMINOUS SURFACE SHALL BE ADJUSTED AND SET 0.02' BELOW FINISHED GRADE.
  3. PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOSE SHOWN ON THE TYPICAL SECTIONS
  4. SUBGRADE PREPARATION IN ACCORDANCE WITH MN/DOT SPEC 2112 SHALL BE IN AREAS OF FULL RECONSTRUCTION, SUBGRADE SHALL BE DEFINED AS THE EXISTING GROUND SURFACE LOCATED IMMEDIATELY BENEATH THE PROPOSED AGGREGATE BASE SECTION AS SPECIFIED IN THE PLAN.
  5. SUBGRADE EXCAVATION AND CORRECTION SHALL BE APPLIED IF NECESSARY TO ACHIEVE SATISFACTORY SURFACE STABILITY AS DETERMINED BY THE ENGINEER. AREAS TO RECEIVE SUBGRADE EXCAVATION SHALL BE SPECIFIED BY THE ENGINEER IN THE FIELD FOLLOWING SUBGRADE PREPARATION AND A ROLL TEST. REPLACEMENT MATERIAL IN AREAS OF SUBGRADE PREPARATION SHALL SATISFY THE REQUIREMENTS OF STABILIZING AGGREGATE AS SPECIFIED IN THE SPECIAL PROVISIONS.



City of Worthington, MN 2026. All rights reserved. (User: j31444) ENR - PROJECTS BY YEAR 2026 PROJECTS\_26\_05 tower\_10th\_parking(CAD).CD (PLOT) 26065 STREET P&R.dwg, 08/01/2025, 15:33:48



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.

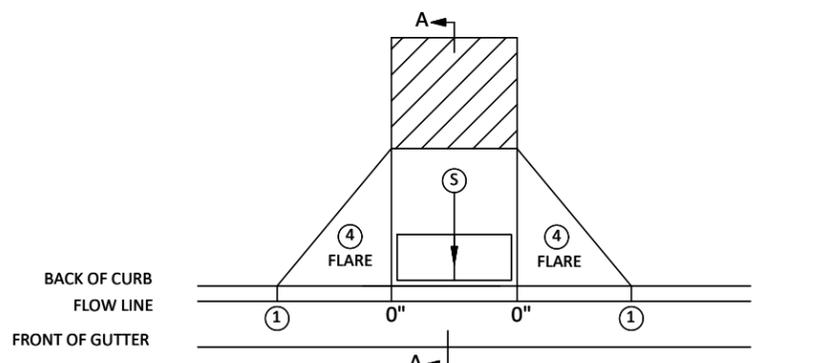
HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



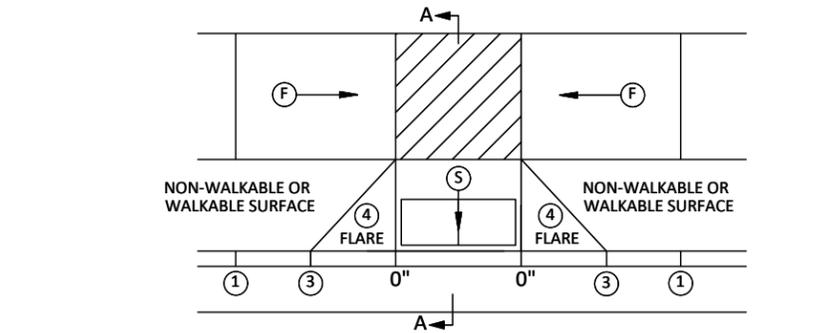
303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1 [www.ci.worthington.mn.us](http://www.ci.worthington.mn.us)

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			
	26	06	

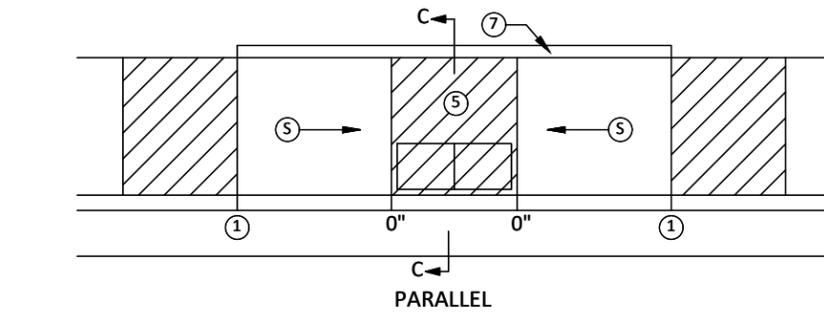
CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 STREET PLAN & PROFILE 3



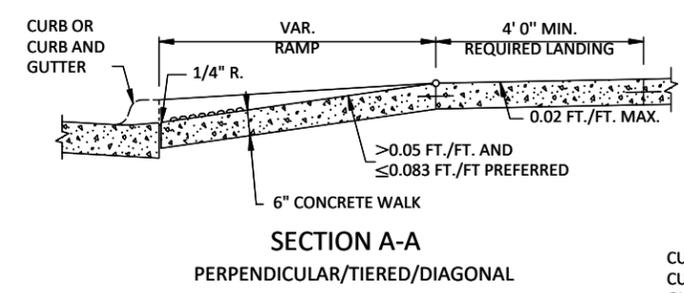
PERPENDICULAR



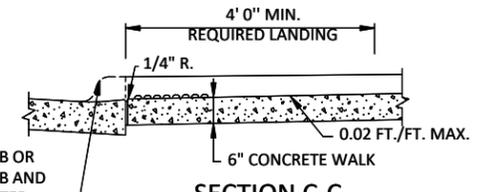
TIERED PERPENDICULAR



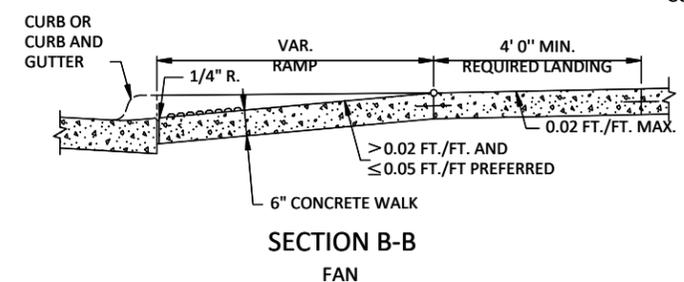
PARALLEL



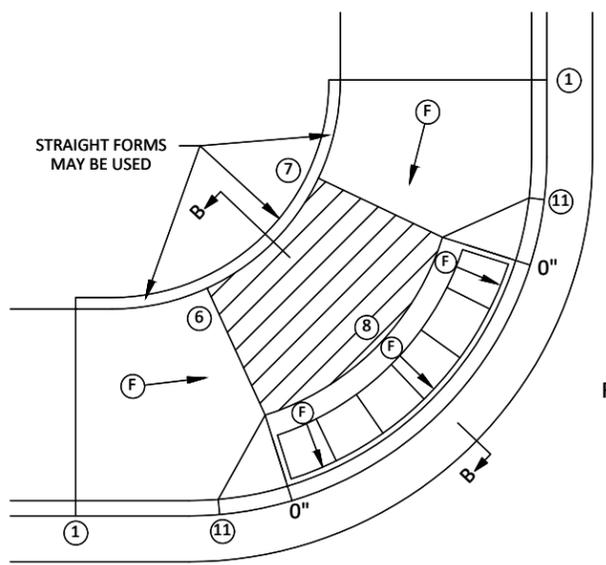
SECTION A-A  
PERPENDICULAR/TIERED/DIAGONAL



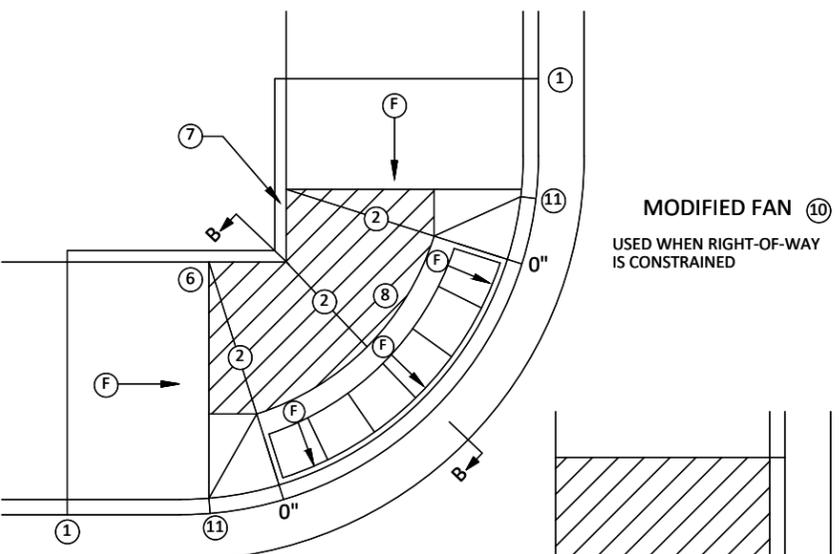
SECTION C-C  
PARALLEL/DEPRESSED CORNER



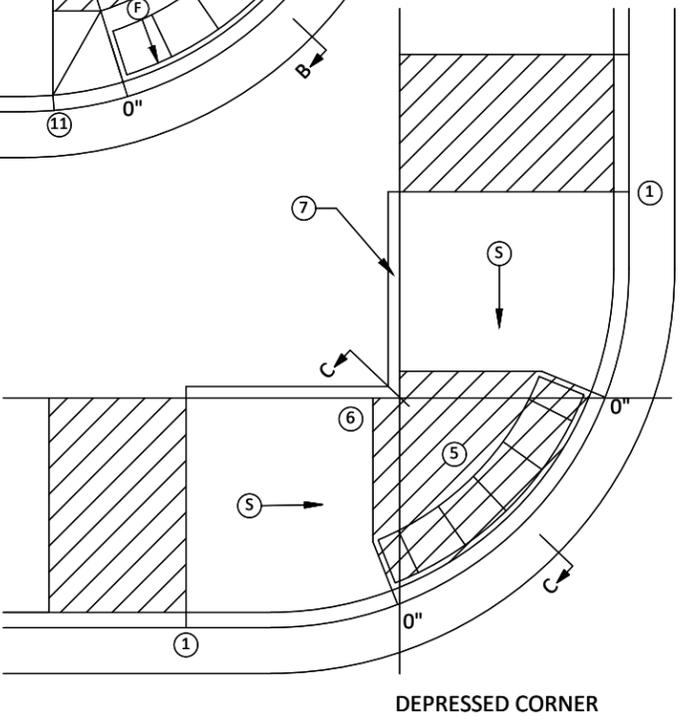
SECTION B-B  
FAN



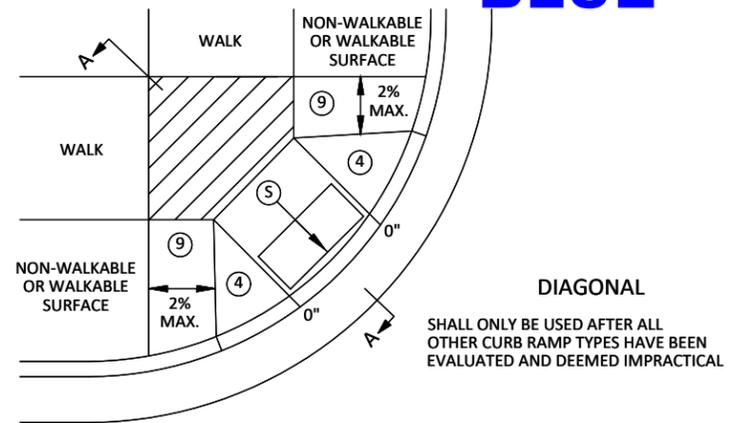
FAN 10



MODIFIED FAN 10  
USED WHEN RIGHT-OF-WAY IS CONSTRAINED



DEPRESSED CORNER



DIAGONAL

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%.
[Hatched Box]	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

City of Worthington, MN 2026. All Rights Reserved. 10th, parking(CAD), CED(EDT), 2606 ADA & DRIY DETAILS.dwg, 08/01/2026 16:54:06

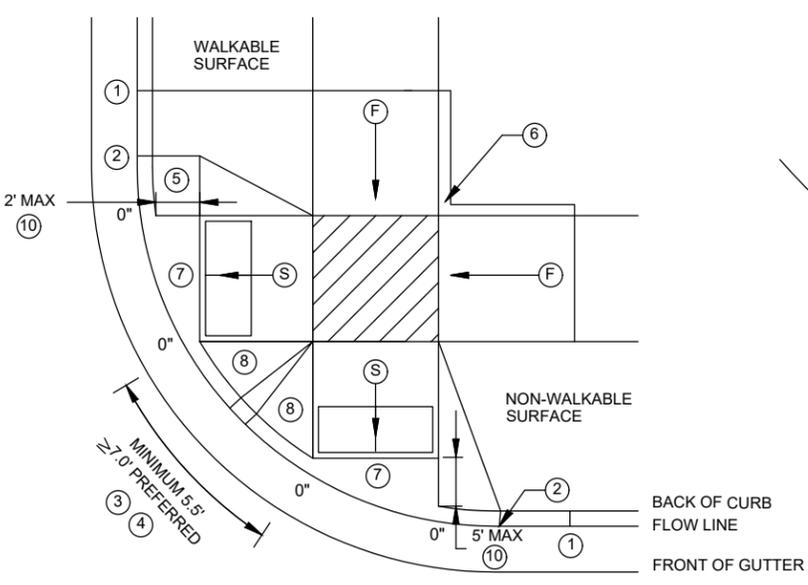
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE

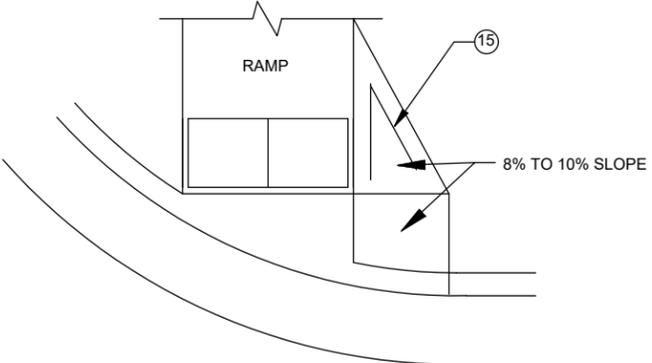


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 1  
www.ci.worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			

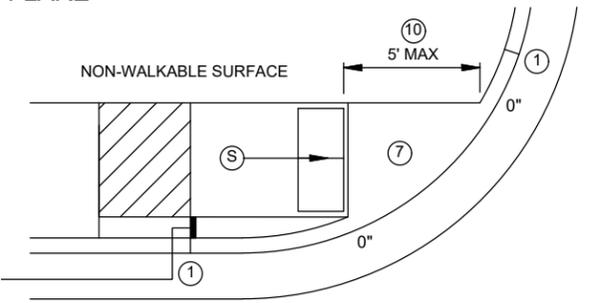


COMBINED DIRECTIONAL

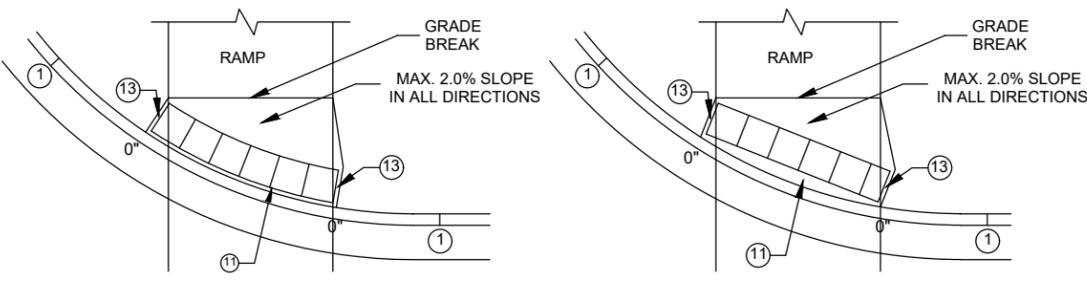


DIRECTIONAL RAMP WALKABLE FLARE

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.

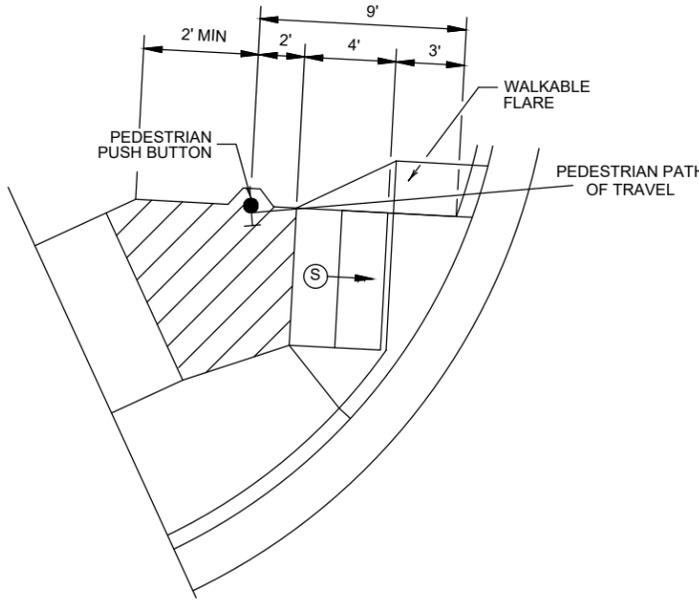


STANDARD ONE-WAY DIRECTIONAL



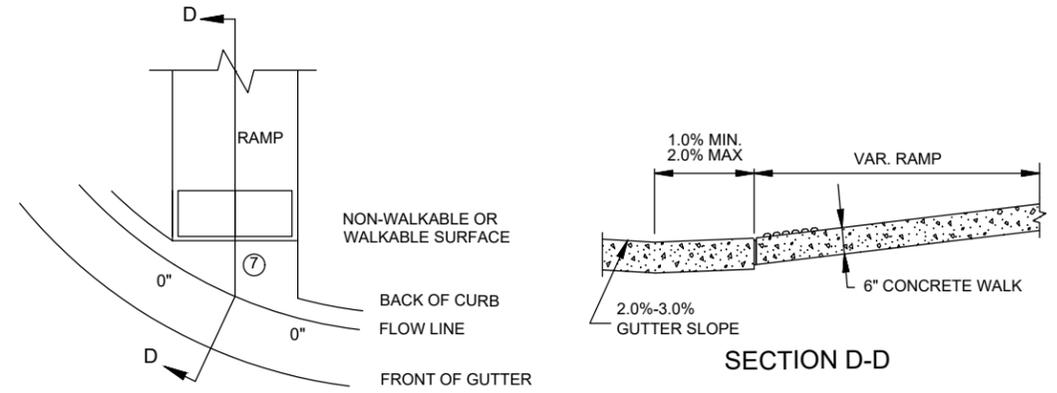
DETECTABLE WARNING PLACEMENT WHEN SETBACK CRITERIA IS EXCEEDED

ONE-WAY DIRECTIONAL WITH DETECTABLE WARNING AT BACK OF CURB



SEMI-DIRECTIONAL RAMP

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)



CURB FOR DIRECTIONAL RAMPS

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%.
- [Hatched Box] 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 PAR.
- X" CURB HEIGHT

City of Worthington, MN 2026. All rights reserved. (C:\server\3\shared\ENR\_projects\year 2026 projects\26\_05 tower, 10th parking\CD\CD\EDT\2606 ADA & DRYV DETAILS.dwg, 08/07/2026 16:54:08)

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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1. worthington.mn.us

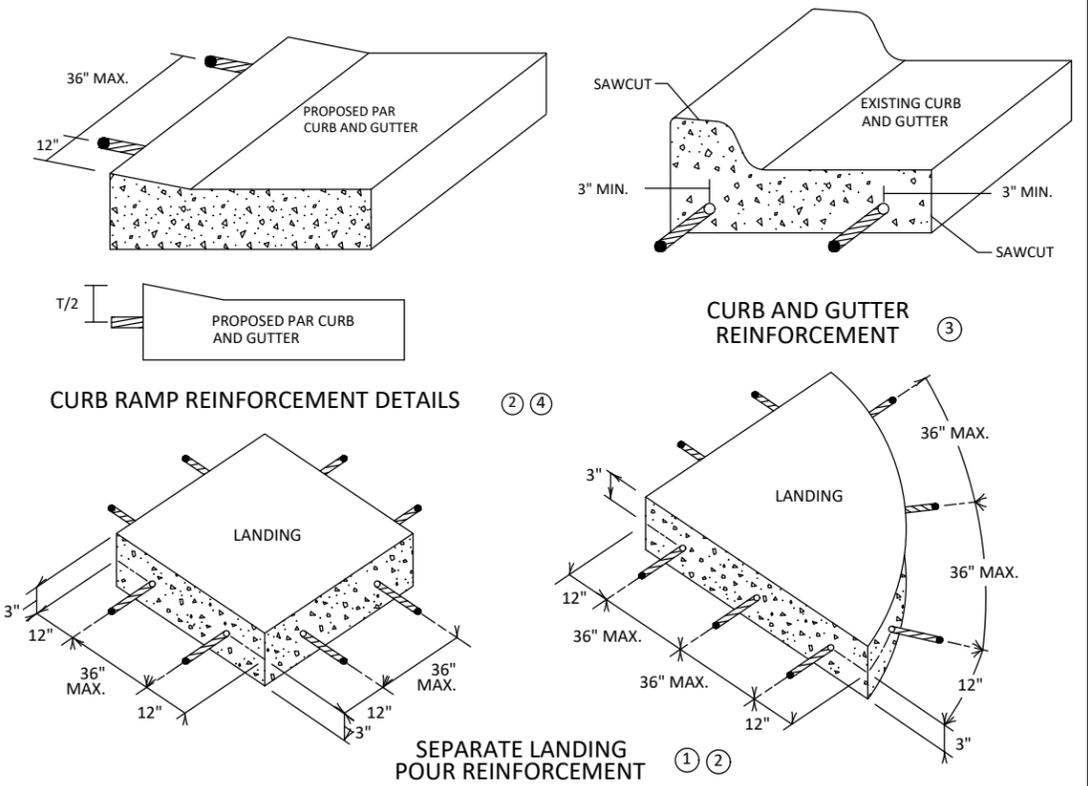
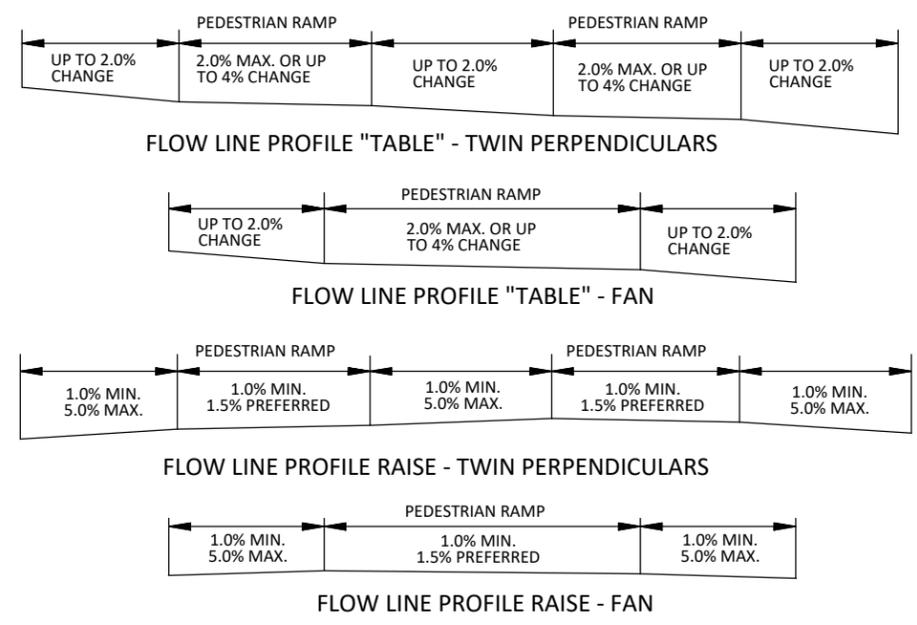
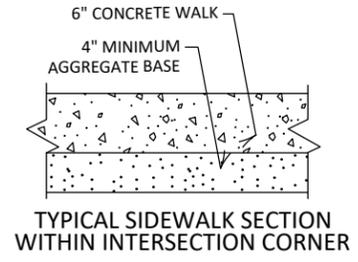
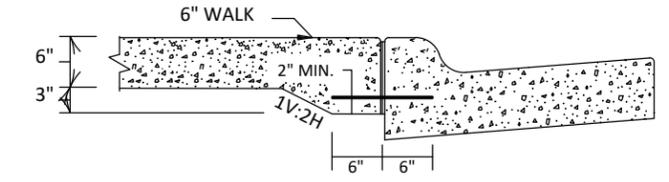
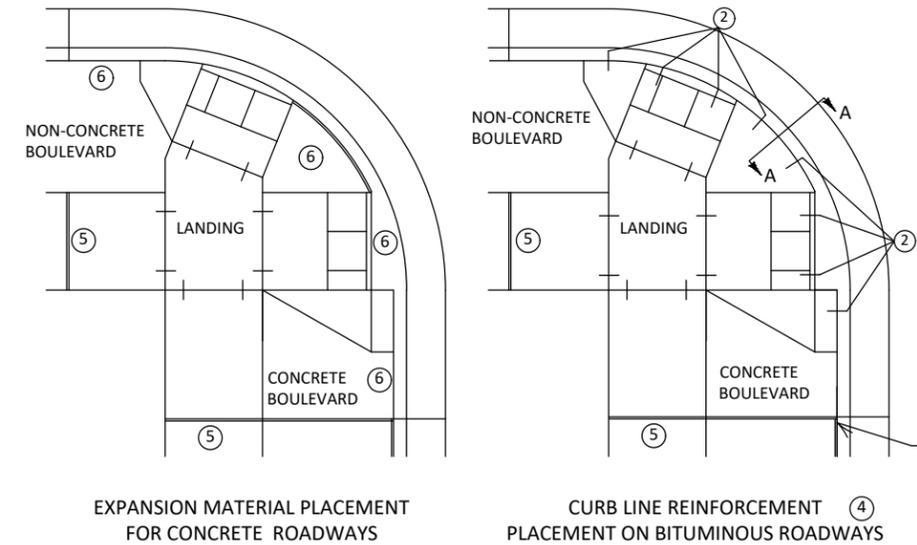
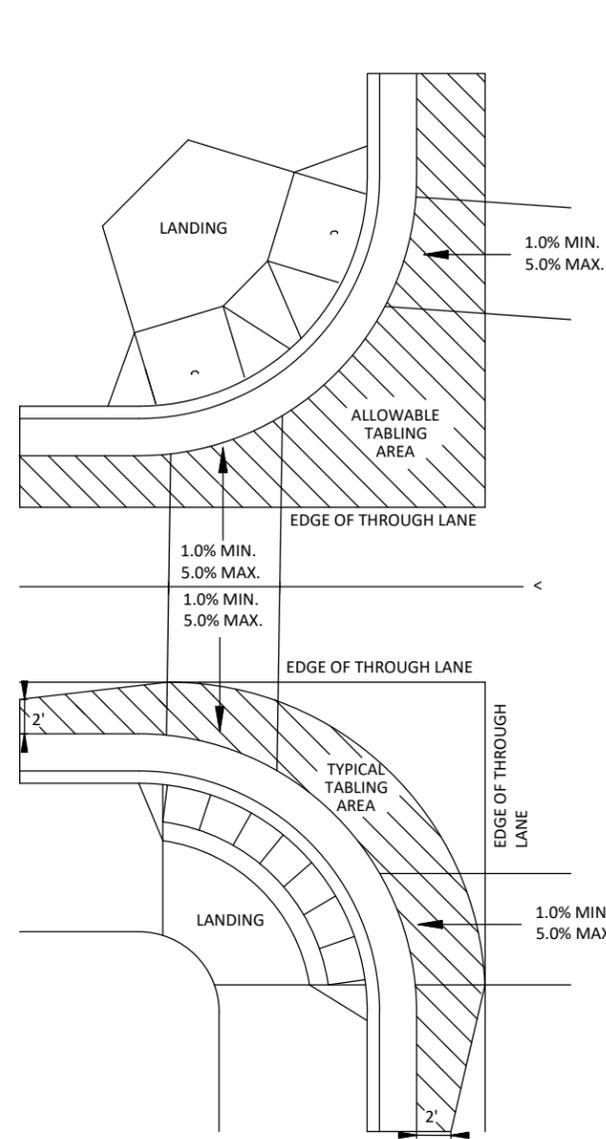
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
MIMC			
CHECKED			
CLIENT PROJ. NO.			
	26	06	

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 ADA DETAILS 2









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.

City of Worthington, MN 2026. All rights reserved. 10th, parking@CAD, CED, EDIT, 2606 ADA & DRIVE DETAILS.dwg, 08/01/2026 16:54:30

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.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_

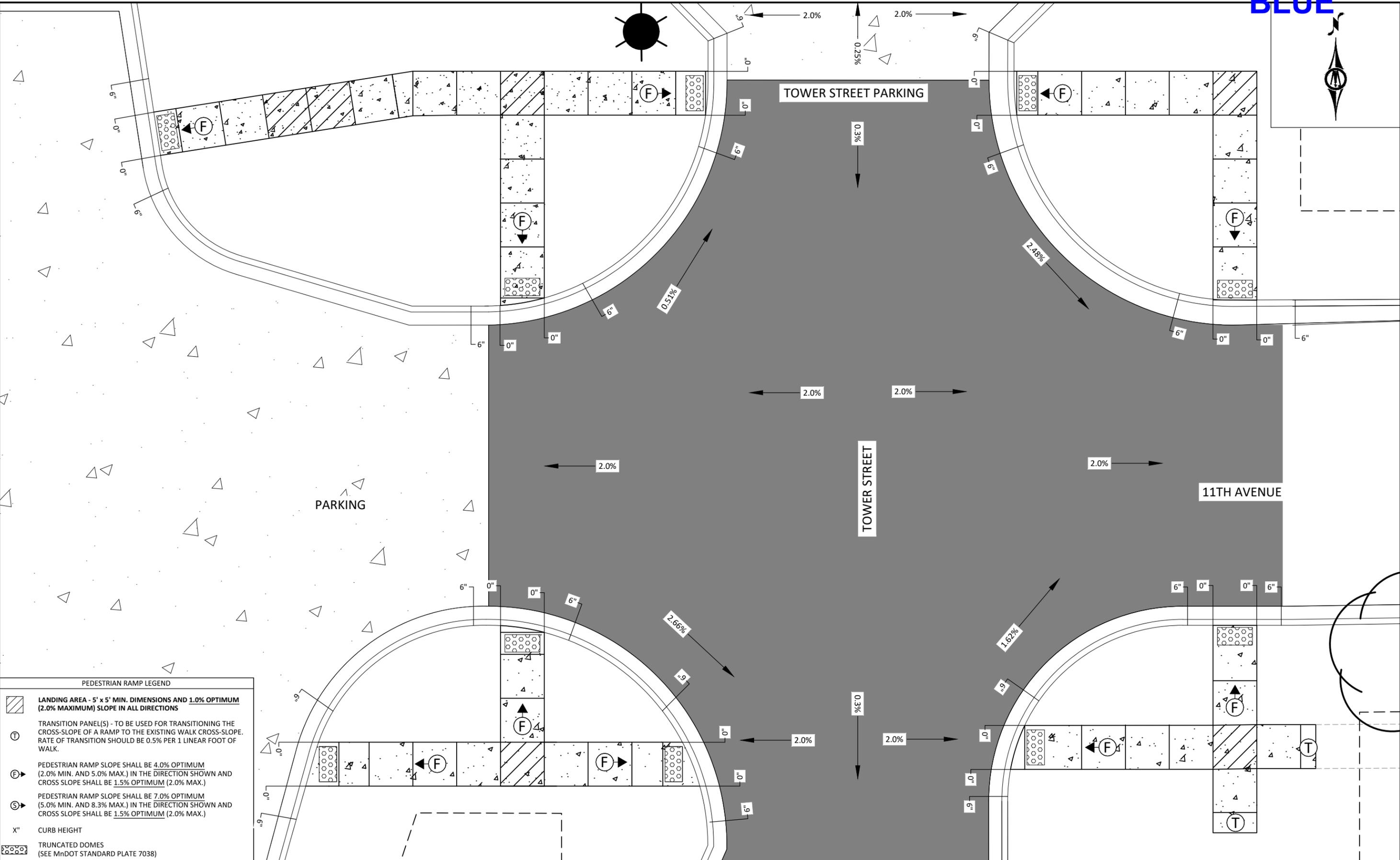


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
www.ci.worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			

CITY OF WORTHINGTON, MINNESOTA  
PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
ADA DETAILS 6





**PEDESTRIAN RAMP LEGEND**

- LANDING AREA - 5' x 5' MIN. DIMENSIONS AND 1.0% OPTIMUM (2.0% MAXIMUM) SLOPE IN ALL DIRECTIONS
- 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.
- PEDESTRIAN RAMP SLOPE SHALL BE 4.0% OPTIMUM (2.0% MIN. AND 5.0% MAX.) IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL BE 1.5% OPTIMUM (2.0% MAX.)
- PEDESTRIAN RAMP SLOPE SHALL BE 7.0% OPTIMUM (5.0% MIN. AND 8.3% MAX.) IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL BE 1.5% OPTIMUM (2.0% MAX.)
- CURB HEIGHT
- TRUNCATED DOMES (SEE MnDOT STANDARD PLATE 7038)



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.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_

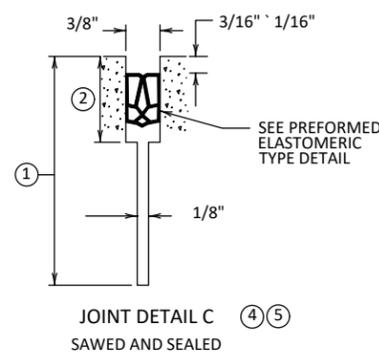
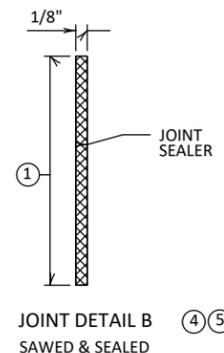
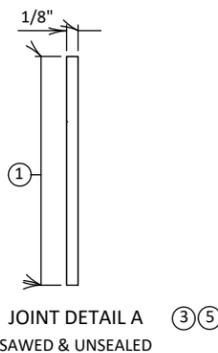
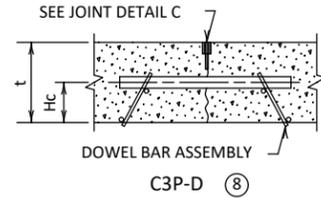
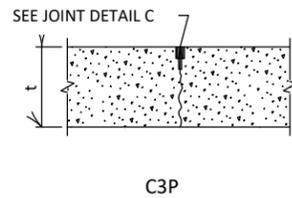
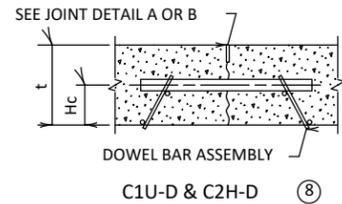
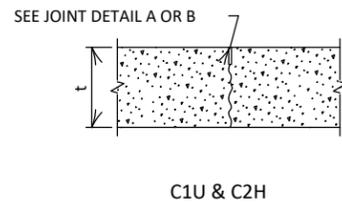


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 1 [www.ci.worthington.mn.us](http://www.ci.worthington.mn.us)

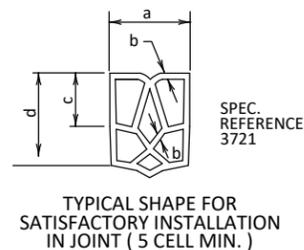
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			
	26	06	

CITY OF WORTHINGTON, MINNESOTA  
PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
INTERSECTION DETAILS 2

City of Worthington, MN 2026. All Rights Reserved. (C:\Users\310424\OneDrive\Work\Projects\2026\Projects\26\_06\_tower\_10th\_parking\CD\CD.dwg, 09/17/2026 16:54:44)



REQUIRED DIMENSIONS (2)	
JOINT TYPE	TRANSVERSE
NOMINAL SEALER SIZE	1 1/16" USE IN ALL 3/8" JOINTS
a	0.69" + 0.13" - 0.05"
b	0.08" ± 0.02"
c	0.25" MIN.
d	0.63" MIN.

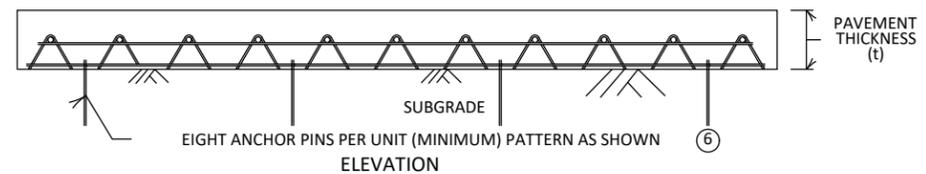
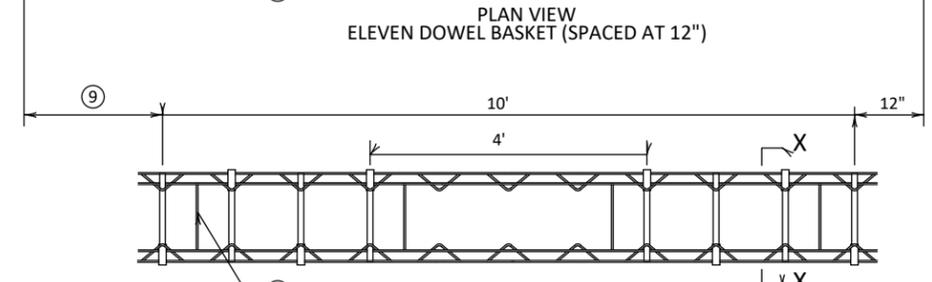
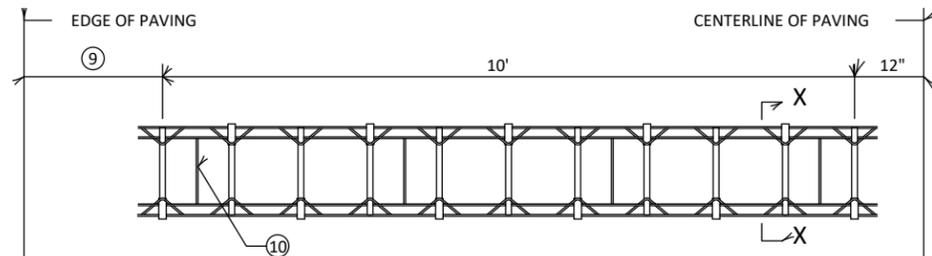


PREFORMED ELASTOMERIC TYPE DETAIL (2)

CONTRACTION JOINT REFERENCE, DETAIL & SEALER SPEC. TABLE				
JOINT REFERENCE		JOINT DETAIL	JOINT SEALER SPEC.	JOINT WIDTH
WITHOUT DOWELS	WITH DOWELS			
C1U	C1U-D	A	UNSEALED	1/8"
C2H	C2H-D	B	3725	1/8"
C3P	C3P-D	C	3721	3/8"

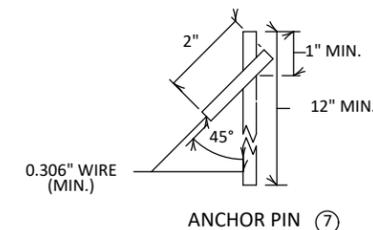
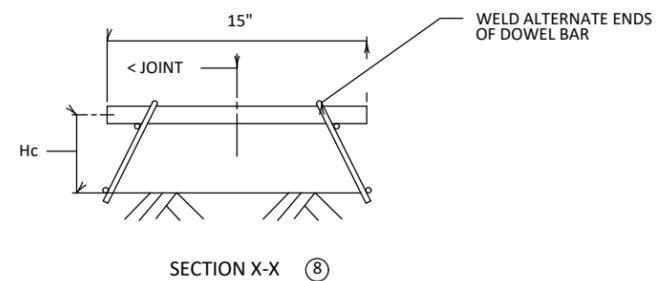
  

LEGEND		EXAMPLE
C = CONTRACTION JOINT		— C2H-D
NO. = JOINT REFERENCE		
U = UNSEALED		
H = HOT Poured		
P = PREFORMED		
-D = DOWEL BARS		



CONTRACTION JOINT DOWEL BAR ASSEMBLIES

DOWEL BAR TABLE		
t PAVEMENT THICKNESS (IN.)	DOWEL BAR DIAMETER (IN.)	Hc HEIGHT TO CENTER OF DOWEL BAR (IN.)
7 - 7 1/2	1	3
8 - 10	1 1/4	4
≥ 10 1/2	1 1/2	5



NOTES:

- SEE STANDARD PLATE 1103 FOR DOWEL BAR ASSEMBLY.
- FURNISH AND INSTALL ALL JOINT SEALER IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- SEE STANDARD PLANS 5-297.217 AND 5-297.219 FOR CONCRETE MAINLINE/RAMP PAVEMENT.
- SEE PAVING LAYOUTS IN THE PLANS FOR JOINT CLASS DESIGNATION TO BE USED AND SPECIAL REINFORCEMENT REQUIRED.
- (1) JOINT DEPTH AND TOLERANCE: t/3 ± 1/4".
- (2) JOINT DEPTH 1/4" MORE THAN THE PREFORMED SEALER WHEN COMPRESSED TO FIT THE JOINT DESIGN WIDTH. "a" DIMENSION APPLIES AT ANY POINT THROUGHOUT "c" DEPTH. SHARP CORNERS NOT PERMITTED. PROVIDE CORNERS WITH SUITABLE FILLET.
- (3) CLEAN JOINT FACES WITH WATER DURING THE SAW CUTTING OPERATION OR BY WATER BLASTING AFTER SAWING.
- (4) CLEAN AND DRY JOINT FACES BY SANDBLASTING AND AIR BLASTING, WHEN SEALING IS REQUIRED.
- (5) JOINT WIDTH TOLERANCE IS +1/16" TO -1/32".
- (6) EVENLY SPACE A MINIMUM OF (8) ANCHOR PINS (4 PER SIDE) PER DOWEL ASSEMBLY. PROVIDE QUALITY CONTROL PLAN FOR ANCHORING THE DOWEL BAR ASSEMBLIES TO THE ENGINEER FOR ACCEPTANCE PER SPEC. 2301.
- (7) ANCHOR PIN REQUIREMENTS FOR CONCRETE PAVEMENT ON GRADE CONSTRUCTION. FOR CONCRETE OVERLAYS, ANCHOR PIN REQUIREMENT AS APPROVED BY THE ENGINEER.
- (8) TOLERANCES:
  - PLACE DOWEL BARS PARALLEL TO THE SUBSTRATE SURFACE ± 1/8" IN 15".
  - PLACE DOWEL BARS PARALLEL TO THE CENTERLINE OF THE PAVEMENT ± 1/4" IN 15"
  - SAW CONTRACTION JOINTS PERPENDICULAR TO THE CENTERLINE OF THE PAVEMENT AND CENTERED ON THE DOWEL BAR ± 3".
  - HEIGHT (hc) TO CENTER OF DOWEL BAR ± 1/2".
- (9) DISTANCE TO EDGE OF PAVEMENT FROM OUTSIDE DOWEL:
  - 3' 0" FOR 14' 0" LANE.
  - 2' 6" FOR 13' 6" LANE.
  - 2' 0" FOR 13' 0" LANE.
  - 1' 0" FOR 12' 0" LANE.
- (10) CONTRACTOR OPTION TO CUT AND BEND SPACER WIRES AFTER STAKING.

City of Worthington, MN 2026. All Rights Reserved. (Unapproved Shared) ENR Projects by Year 2026 Projects 13.05 to 10th, parking(CAD), CED(EDT), 2606 ADA & DRY DETAILS.dwg, 08/01/2026 16:55:01

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.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
www.ci.worthington.mn.us

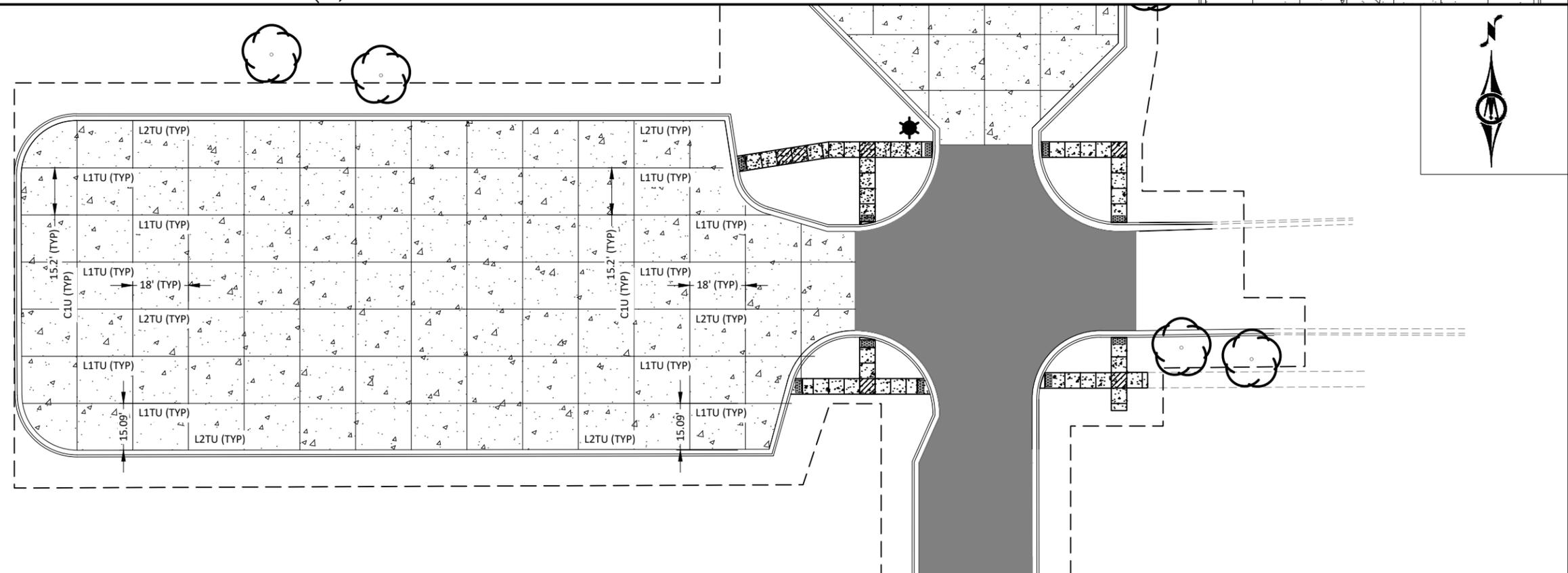
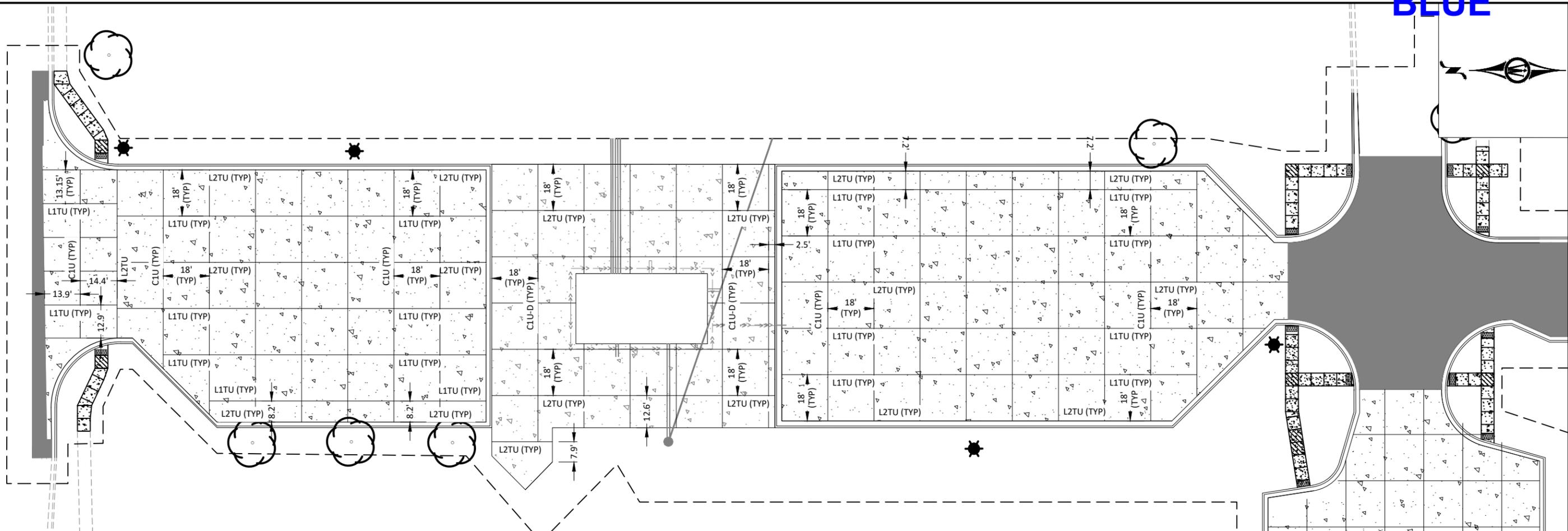
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
MIMC			
CHECKED			
CLIENT PROJ. NO.			
26 06			

CITY OF WORTHINGTON, MINNESOTA  
PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
JOINTING DETAILS 1









City of Worthington, MN 2026. All Rights Reserved. (User: 231042) ENR Projects by Year 2026 Project: 13.05\_05 tower, 10th park@id1(CAD).CDD.EDIT.2606 JOINING PLAN.dwg 08/17/2025 15:55:25



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.

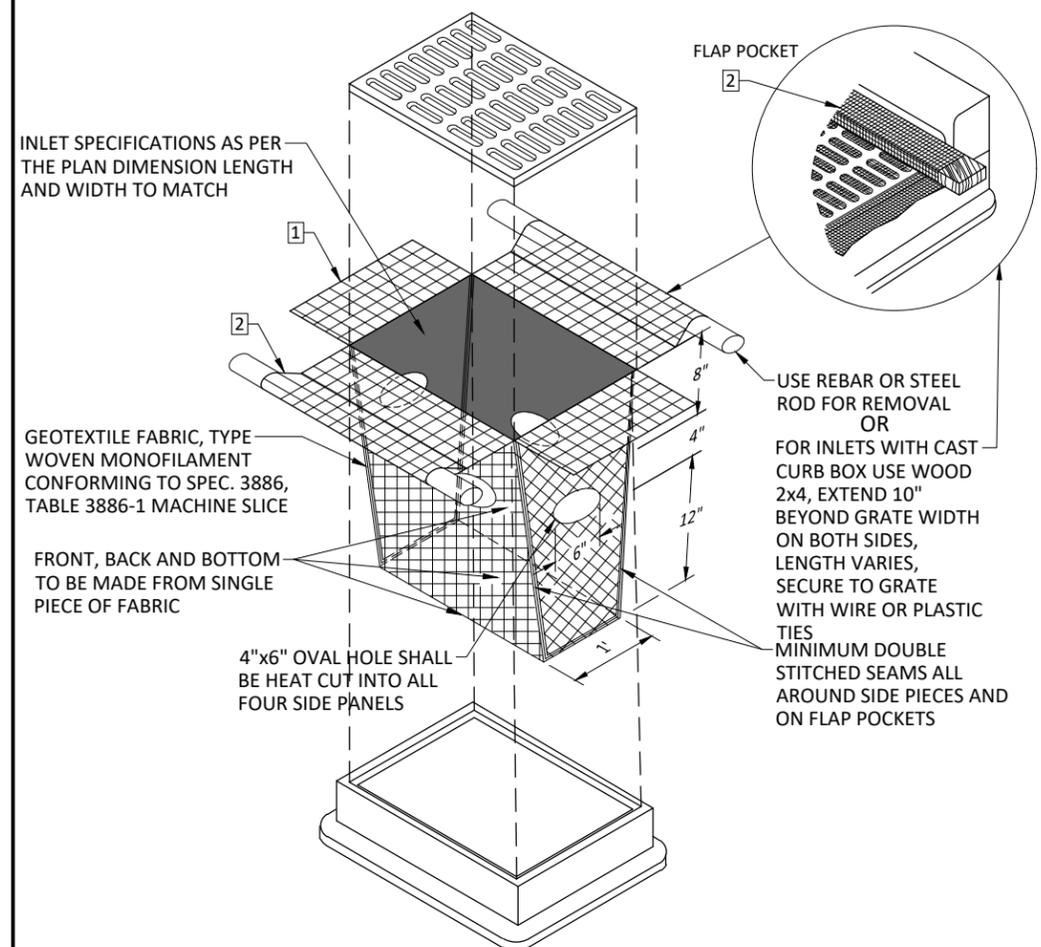
HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Email: [info@city.worthington.mn.us](mailto:info@city.worthington.mn.us)

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 JOINTING PLAN 1



INLET SPECIFICATIONS AS PER THE PLAN DIMENSION LENGTH AND WIDTH TO MATCH

GEOTEXTILE FABRIC, TYPE WOVEN MONOFILAMENT CONFORMING TO SPEC. 3886, TABLE 3886-1 MACHINE SLICE

FRONT, BACK AND BOTTOM TO BE MADE FROM SINGLE PIECE OF FABRIC

4"x6" OVAL HOLE SHALL BE HEAT CUT INTO ALL FOUR SIDE PANELS

FLAP POCKET

USE REBAR OR STEEL ROD FOR REMOVAL OR FOR INLETS WITH CAST CURB BOX USE WOOD 2x4, EXTEND 10" BEYOND GRATE WIDTH ON BOTH SIDES, LENGTH VARIES, SECURE TO GRATE WITH WIRE OR PLASTIC TIES MINIMUM DOUBLE STITCHED SEAMS ALL AROUND SIDE PIECES AND ON FLAP POCKETS

- NOTES:
- INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENTS EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL IN THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
  - FINISHED SIZE, INCLUDING POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

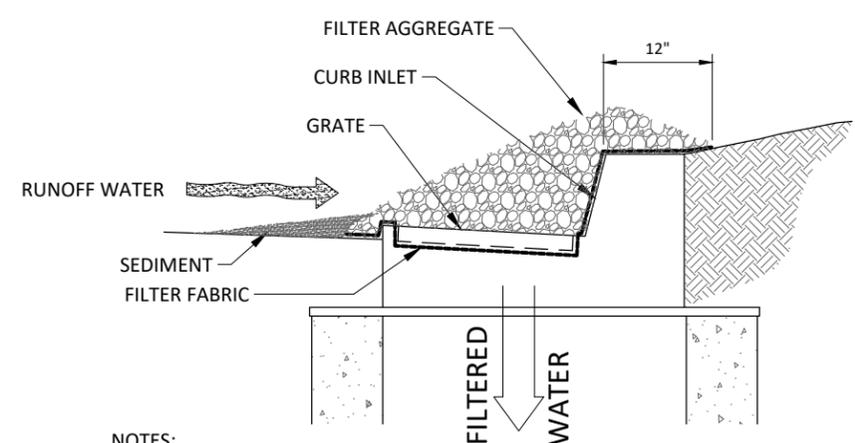
FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2x4.

INSTALLATION NOTES:  
DO NOT INSTALL PROTECTION IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CLINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

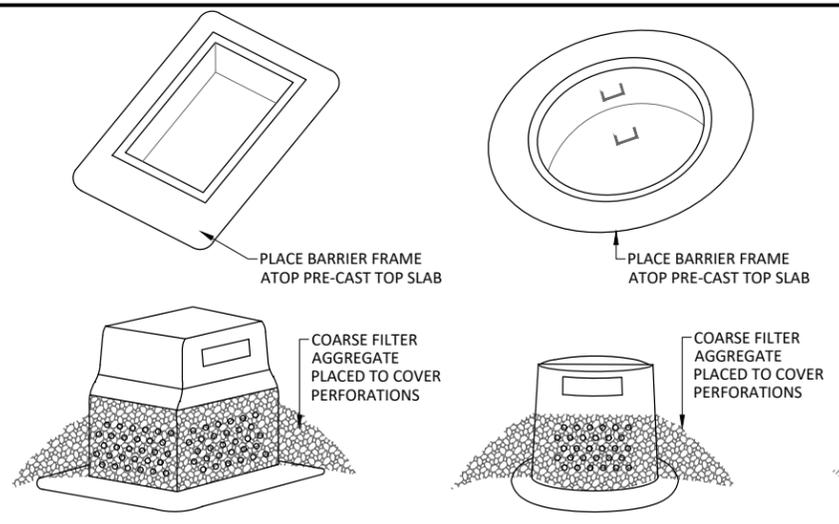
**INLET PROTECTION  
GEOTEXTILE BAG**  
NOT TO SCALE



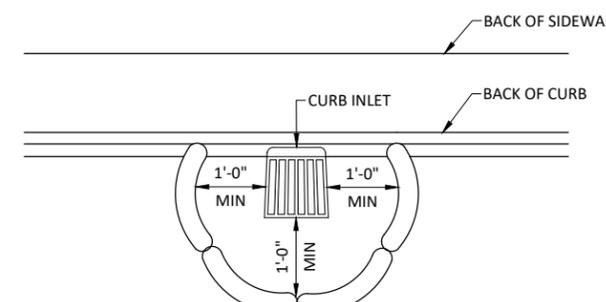
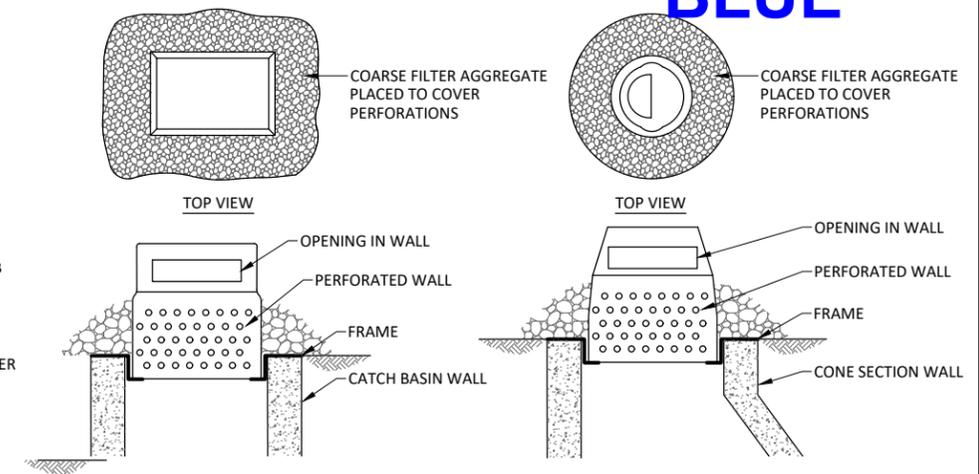
NOTES:

- FILTER AGGREGATE TO BE 1 TO 2 INCH CLEAN ROCK
- FILTER FABRIC SHALL MEET MnDOT SPECIFICATION 3733 GEOTEXTILE FABRIC TYPE 3

**INLET PROTECTION  
FILTER AGGREGATE**  
NOT TO SCALE



**INLET PROTECTION: PERFORATED WALL**  
NOT TO SCALE

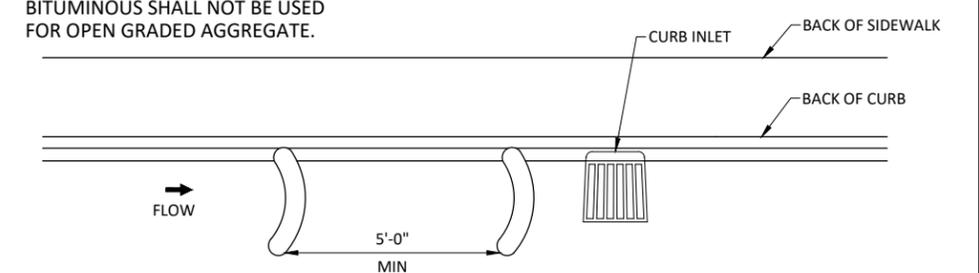
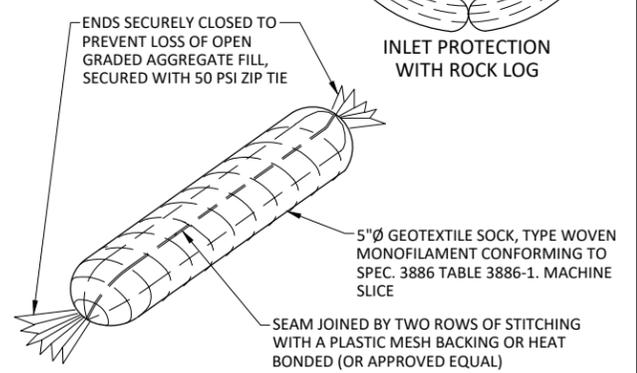


NOTE:  
THIS INLET PROTECTION IS USED DURING ROUGH GRADING ONLY, USE BEFORE ROAD IS OPEN TO TRAFFIC OR IS PAVED

FILL ROCK LOG WITH 45 LBS. OF OPEN GRADED AGGREGATE CONSISTING OF SOUND, DURABLE PARTICLES OF CRUSHED QUARRY ROCK OR GRAVEL CONFORMING TO THE FOLLOWING GRADATION.

SIEVE SIZE	PERCENT PASSING
1 1/2"	100
1"	95-100
3/4"	65-95
3/8"	30-65
NO 4	10-35
NO 10	3-20
NO 40	0-8
NO 200	0-3

NOTE:  
CRUSHED CONCRETE OR BITUMINOUS SHALL NOT BE USED FOR OPEN GRADED AGGREGATE.



**INLET PROTECTION  
ROCK BAG**  
NOT TO SCALE

PAYMENT SHALL INCLUDE ALL MATERIALS, FILLING OF LOG, PLACEMENT, MAINTENANCE & REMOVAL; 80% OF BID PRICE SHALL BE PAID UPON PROPER PLACEMENT WITH THE FINAL 20% PAID UPON REMOVAL

City of Worthington, MN 2016. All Rights Reserved. 08/07/2016 16:55:51

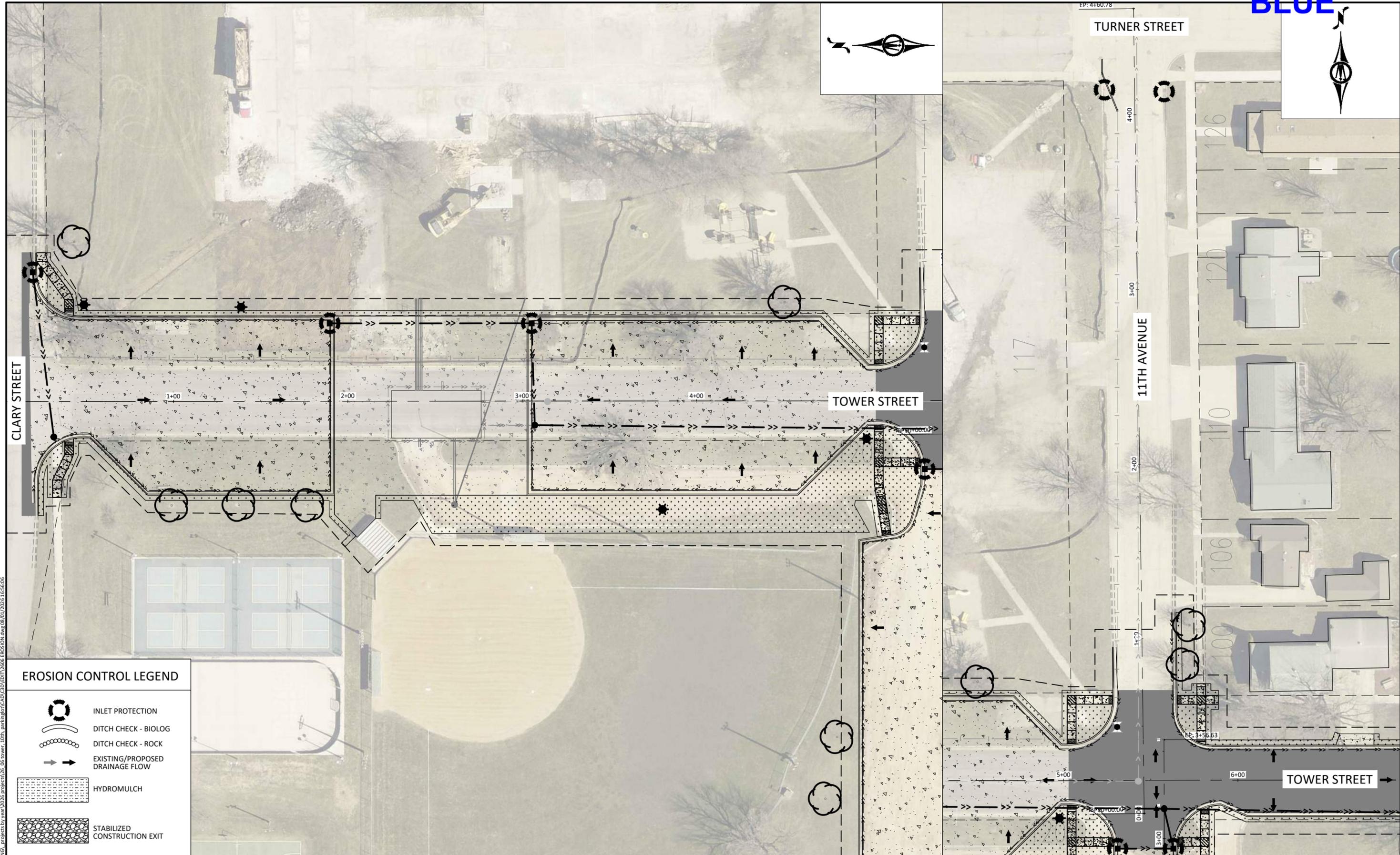
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE



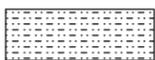
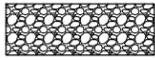
303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
www.ci.worthington.mn.us

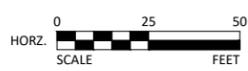
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			



City of Worthington, MN 2026. All rights reserved.  
 08/26/2026 15:55:06  
 C:\Users\jsharpe\OneDrive\Documents\Projects\2026\Projects\26\_08\_tower\_10th\_parking\01\_CAD\CAD\EDIT\2606\_EROSION.dwg 08/26/2026 15:55:06

**EROSION CONTROL LEGEND**

-  INLET PROTECTION
-  DITCH CHECK - BIOLOG
-  DITCH CHECK - ROCK
-  EXISTING/PROPOSED DRAINAGE FLOW
-  HYDROMULCH
-  STABILIZED CONSTRUCTION EXIT



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.  
 HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_

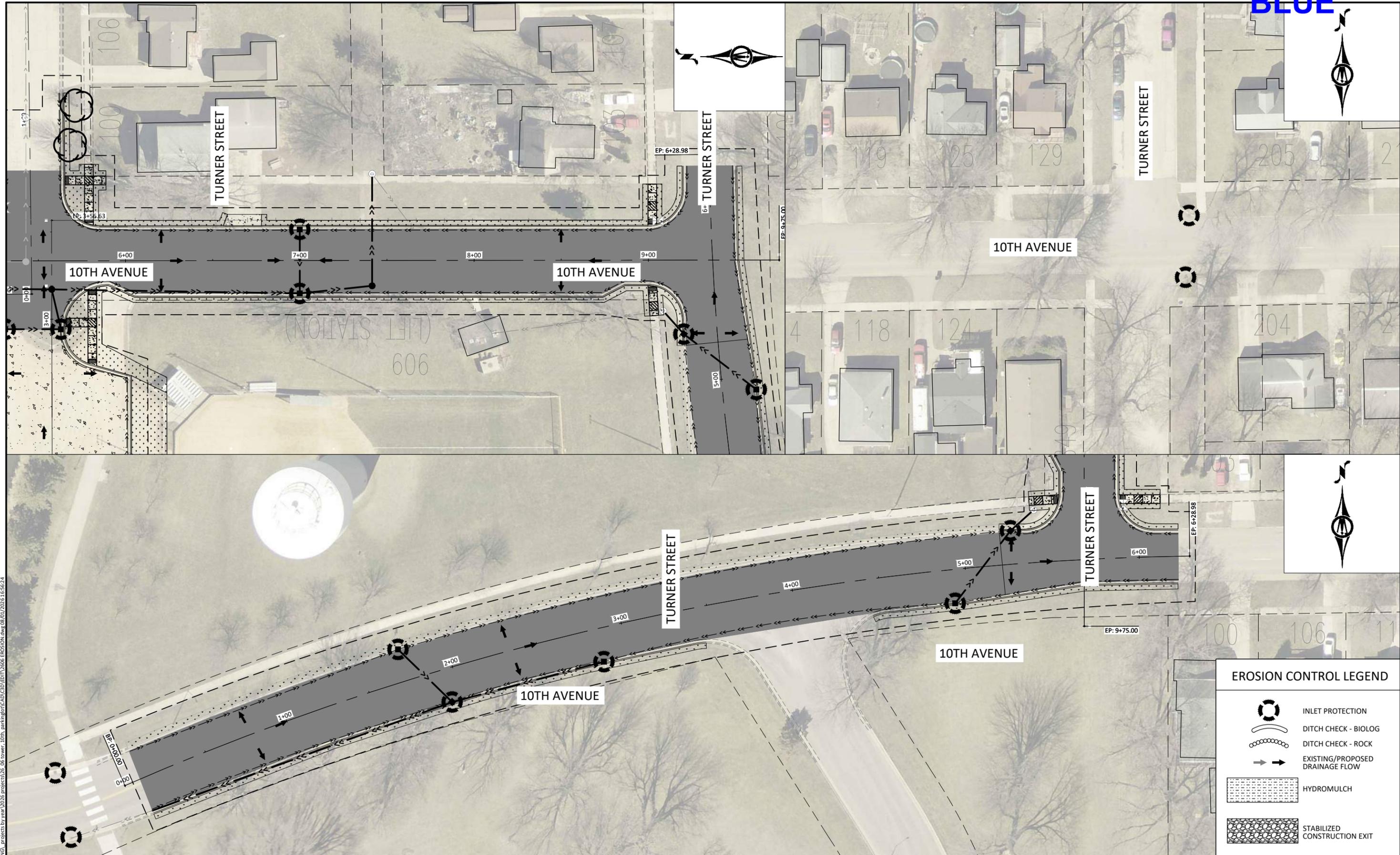


303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1. worthington.mn.us

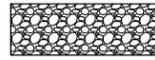
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.	26_06		

CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 EROSION CONTROL PLAN 1

BLUE



EROSION CONTROL LEGEND

-  INLET PROTECTION
-  DITCH CHECK - BILOG
-  DITCH CHECK - ROCK
-  EXISTING/PROPOSED DRAINAGE FLOW
-  HYDROMULCH
-  STABILIZED CONSTRUCTION EXIT



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



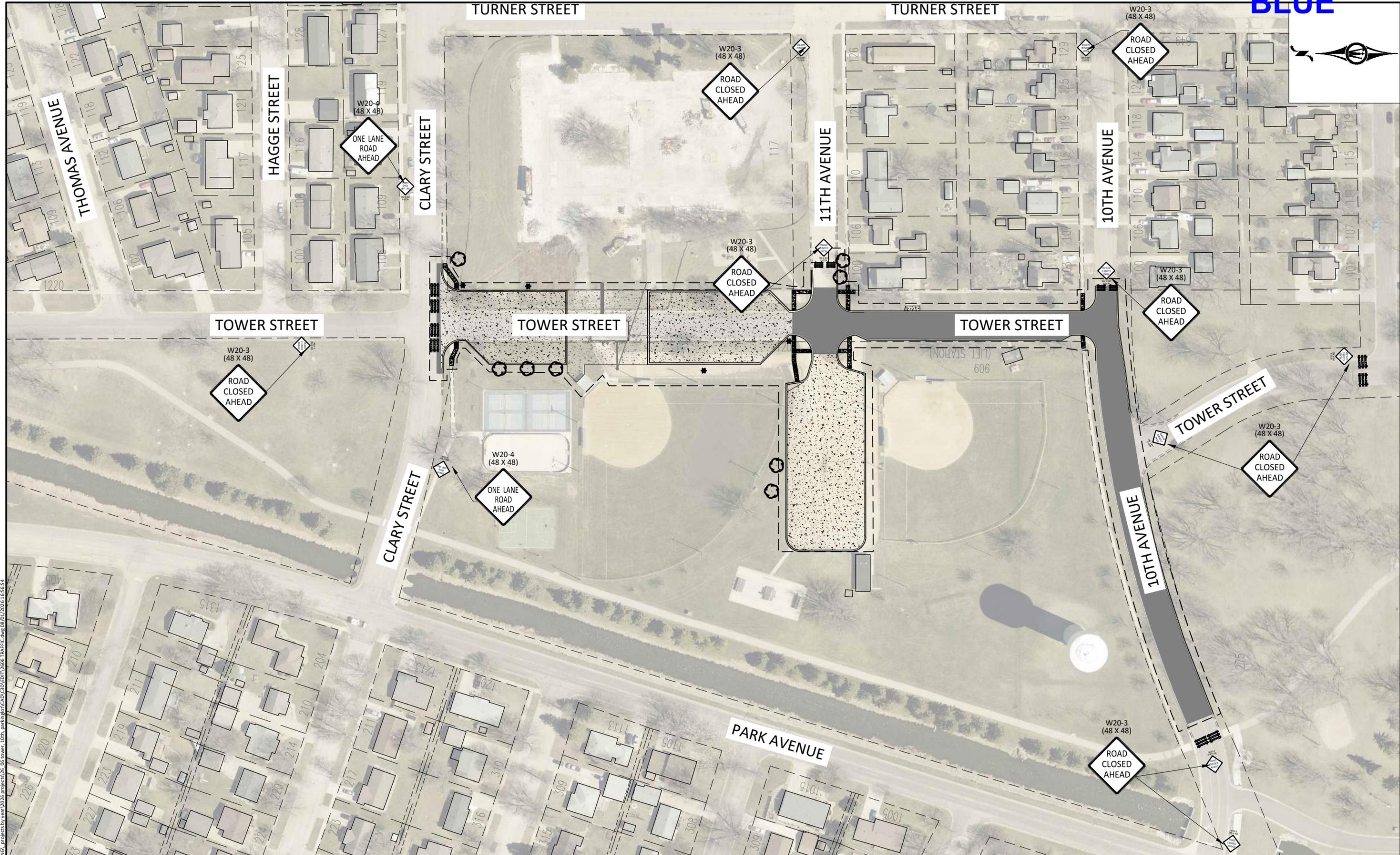
303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 1. worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			

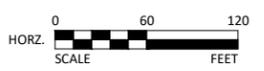
CITY OF WORTHINGTON, MINNESOTA  
 PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
 EROSION CONTROL PLAN 2

SHEET  
 OF  
 36

City of Worthington, MN 2026. All Rights Reserved. (Customer Shared) ENR Projects by Year 2026 Project 13.26. 05 tower, 10th, parking lot (CAD) CED (EDIT) 2606 EROSION.dwg 08/01/2026 16:56:24



City of Worthington, MN 2026. All rights reserved. 10th\_parking\_lot\_CAD\_EDIT\_2606\_TRAFFIC.dwg, 08/17/2025, 15:56:54



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.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 1.1.worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			

CITY OF WORTHINGTON, MINNESOTA  
PARKING LOTS CONSTRUCTION AND UTILITY RECONSTRUCTION  
TRAFFIC CONTROL

**RESOLUTION NO. 2026-02-\_\_\_\_\_**

**APPROVING PLANS AND SPECIFICATIONS AND  
ORDERING ADVERTISEMENT FOR BIDS**

**WHEREAS**, Pursuant to Resolution No. 2026-01-04, passed by the council on January 26, 2026, the city engineer has prepared plans and specifications for the improvement of the following described properties by necessary street base, street surfacing, curb and gutter, driveways, and storm sewer main:

**Tower Street & Tenth Avenue Reconstruction  
*and Parking Lot***

and

**WHEREAS**, said plans and specifications for said improvement have been presented to the council for approval.

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WORTHINGTON, MINNESOTA:**

1. Such plans and specifications for said improvement, a copy of which is attached hereto and made a part hereof, are hereby approved.
2. The city clerk shall prepare and cause to be inserted in the official newspaper and on QuestCDN.com an advertisement for bids upon the making of said improvement under such approved plans and specifications. The advertisement shall be published for 21 days, shall specify the work to be done, shall state that bids will be received at the office of the city clerk of the city of Worthington, Minnesota, until 2:05 p.m. on Wednesday, March 11, 2026, at which time they will be publicly opened in the council chambers of City Hall, 303 Ninth Street, Worthington, Minnesota, by a council designated committee, and bids and the responsibility of the bidders will be considered by the city council at 5:30 p.m. on Monday, March 23, 2026, in the council chambers of City Hall, 303 9<sup>th</sup> Street. Any bidder whose responsibility is questioned during consideration of the bid will be given an opportunity to address the council on the issue of responsibility. No bids will be considered unless sealed and filed with the clerk and accompanied by a cash deposit, cashier's check, bid bond or certified check payable to the clerk for five percent (5%) of the amount of the bid.

Adopted by the city council of the city of Worthington, Minnesota, this the 9<sup>th</sup> day of February, 2026.

(SEAL)

\_\_\_\_\_  
Rick VonHoldt, Mayor

Attest: \_\_\_\_\_  
Mindy L. Eggers, City Clerk

**SPECIFICATIONS  
FOR  
3<sup>RD</sup> AVENUE WATER MAIN AND SANITARY SEWER  
RECONSTRUCTION  
WORTHINGTON, MINNESOTA**

**PREPARED BY:  
OFFICE OF THE CITY ENGINEER**

I hereby certify that these specifications were 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.

---

Hyunmyeong Goo  
Reg. No. 60671

Dated: February 11, 2026

## Contents

ADVERTISEMENT FOR BIDS .....	AD-1
PROPOSAL .....	PF-1
RESPONSIBLE CONTRACTOR VERIFICATION .....	A-1
BIDDER EQUAL OPPORTUNITY .....	A-4
ATTACHMENT A-1 .....	A-5
ATTACHMENT A-2 .....	A-6
SUBCONTRACTOR EQUAL OPPORTUNITY STATEMENT .....	A-7
FORM OF CONTRACT .....	FC 1
GOVERNING SPECIFICATION .....	G 1
S-1 (1103) DEFINITIONS.....	1
S-2 (1206) PREPARATION OF AND DELIVERY OF PROPOSAL .....	1
S-3 (1208) PROPOSAL GUARANTY .....	2
S-4 (1301) CONSIDERATION OF PROPOSALS .....	3
S-5 (1302) AWARD OF CONTRACT .....	3
S-6 (1305) REQUIREMENTS OF CONTRACT BOND .....	3
S-7 (1306) EXECUTION AND APPROVAL OF CONTRACT.....	4
S-8 (1404) MAINTENANCE OF TRAFFIC .....	4
S-9 (1507) UTILITY PROPERTY AND SERVICE.....	7
S-10 (1515) CONTROL AND HAUL ROADS.....	7
S-11 (1603) MATERIALS: SPECIFICATIONS, SAMPLES, TESTS, AND ACCEPTANCE.....	7
S-12 (1702) PERMITS, LICENSES, AND TAXES .....	7
S-13 (1706) EMPLOYEE HEALTH AND WELFARE .....	8
S-14 (1710) TRAFFIC CONTROL DEVICES .....	8
S-15 (1712) PROTECTION AND RESTORATION OF PROPERTY .....	8
S-16 (1714) RESPONSIBILITY FOR DAMAGE CLAIMS: INSURANCE.....	9
S-17 (1718) FURNISHING RIGHT-OF-WAY .....	10
S-18 (1801) SUBLETTING OF CONTRACT.....	11
S-19 (1804) PROSECTION OF WORK.....	11
S-20 (1805) METHODS AND EQUIPMENT .....	12
S-21 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME.....	12
S-22 (1807) FAILURE TO COMPLETE THE WORK ON TIME .....	12
S-23 (1903) COMPENSATION FOR INCREASED OR DECREASED QUANTITIES.....	13
S-24 (1903) COMPENSATION FOR CONTRACT REVISIONS.....	13
S-25 (1906) PARTIAL PAYMENTS.....	13

S-26	(2021) MOBILIZATION .....	13
S-27	(2104) REMOVING PAVEMENT AND MISCELLANEOUS STRUCTURES .....	13
S-28	(2106) EXCAVATION AND EMBANKMENT – COMPACTED VOLUME METHOD .....	15
S-29	(2211) AGGREGATE BASS.....	15
S-30	(2360) PLANT MIXED ASPHALT PAVEMENT .....	15
S-31	(2521) WALKS.....	18
S-32	(2535) BITUMINOUS CURB .....	19
S-33	(2565) TRAFFIC CONTROL SIGNALS .....	19
S-34	(2573) STORMWATER MANAGEMENT .....	19
S-35	(2575) ESTABLISHING VEGETATION AND CONTROLLING EROSION.....	20
S-36	(2600) TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION .....	22
S-37	(2611) WATER MAIN AND SERVICE LINE INSTALLATION.....	23
S-38	(3137) COARSE AGGREGATE FOR PORTLAND CEMENT CONCRETE .....	36
S-39	(3138) AGGREGATE FOR SURFACE AND BASE COURSES .....	36
S-40	(3149) GRANULAR MATERIAL .....	37
S-41	(3733) GEOSYNTHETIC MATERIALS.....	37
S-42	MANHOLE AND CATCH BASIN CLEANUP .....	37
S-43	FINAL CLEANUP .....	37
	EROSION CONTROL .....	ECP-1
	RAPID AND FINAL STABILIZATION .....	ECP-3

## **ADVERTISEMENT FOR BIDS**

Sealed bids will be received at the City Clerk's office of Worthington, Minnesota, **until 2:00 p.m. on Wednesday, March 11<sup>th</sup>, 2026.** At that time, they will be publicly opened in the Council Chambers of City Hall, 303 9<sup>th</sup> Street, by a bid opening committee. The bids and the bidders' responsibility will be considered publicly by the City Council at 5:30 p.m. on Monday, March 24, 2026, in Council Chambers, 303 Ninth Street.

### **3RD AVENUE WATER MAIN AND SANITARY SEWER RECONSTRUCTION**

Each bid must be accompanied by a certified check, cash, money order or bid bond for at least five percent (5%) of the amount of the bid, made payable to the City of Worthington, which amount shall be forfeited as liquidated damages if the bidder, upon the letting of the contract to him or her, shall fail to enter into the contract so let.

Plans, specifications, proposal forms, and contract documents as prepared by the City Engineer may be seen at the City Engineer's office.

Complete digital project bidding documents are available at [www.questcdn.com](http://www.questcdn.com). You may download the digital plan documents for \$22.00 by inputting Quest project #8932507 on the website's Project Search page.

Contractors desiring a printed copy of the Proposal Forms, Plans and Specifications may obtain them from the office of the City Engineer, P.O. Box 279, Worthington, MN 56187. A non-refundable payment of \$23.17, plus applicable sales tax (\$25.00 total) per set of plans and specifications, is required at the time of purchase.

A contractor responding to this solicitation document shall submit to the City a signed statement under oath by an owner or officer verifying compliance with each of the minimum criteria in Minnesota Statutes, section 16C.285, subdivision 3. As used in this solicitation document, the term "responsible contractor" means a contractor as defined in Minnesota Statutes, section 16C.285, subdivision 3. Any prime contractor or subcontractor that does not meet the minimum criteria in Minnesota Statutes, section 16C.285, subdivision 3 or fails to verify that it meets those criteria is not a responsible contractor and is not eligible to be awarded the construction contract for the project or to perform work on the project. A false statement under oath verifying compliance with any of the minimum criteria shall render the prime contractor or subcontractor that makes the false statement ineligible to be awarded a construction contract on the project and may result in the termination of a contract awarded to a prime contractor or subcontractor that submits a false statement. A prime contractor shall submit to the City upon request copies of the signed verifications of compliance from all subcontractors of any tier under Minnesota Statutes, section 16C.285, subdivision 3, clause 7.

The City reserves the right to reject any and all bids and to waive irregularities and informalities therein, and further reserves the right to award the contract in the best interests of the City.

All proposals must be addressed to: City Clerk, City Hall, P.O. Box 279, 303 Ninth Street, Worthington, MN 56187, and shall be endorsed thereon "BID FOR 3RD AVENUE WATER MAIN AND SANITARY SEWER RECONSTRUCTION."

Dated at Worthington, Minnesota, this 11<sup>th</sup> day of February 2026.

Mindy Eggers, City Clerk  
City of Worthington  
Worthington, Minnesota

## PROPOSAL

**BID PROPOSAL FORM**  
**FOR**  
**3RD AVENUE WATER MAIN AND SANITARY SEWER RECONSTRUCTION**  
**WORTHINGTON, MINNESOTA**  
**TO BE SUBMITTED BY 2:30 PM ON WEDNESDAY, MARCH 11, 2026**

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
1	MOBILIZATION	LS	1		
2	SALVAGE & INSTALL TRAFFIC SIGN	EACH	3		
3	REMOVE SANITARY SEWER MANHOLE	EACH	3		
4	REMOVE WATER MANHOLE	EACH	1		
5	REMOVE WATER HYDRANT	EACH	2		
6	REMOVE SANITARY SEWER MAIN	LIN FT	675		
7	REMOVE EXISTING WATERMAIN (4" - 12")	LIN FT	1050		
8	REMOVE CURB AND GUTTER	LIN FT	275		
9	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	30		
10	REMOVE SIDEWALK	SQ YD	185		
11	REMOVE CONCRETE PAVEMENT	SQ YD	1075		
12	EXPLORATORY EXCAVATION	HR	24		
13	SALVAGE AGGREGATE BASE (P)	CU YD	225		
14	AGGREGATE BASE (CV) CLASS 5	CU YD	275		
15	TYPE SP 12.5 WEARING COURSE MIXTURE (2,B)	TON	300		
16	CASTING ASSEMBLY R-1955-1 (LABELD SANITARY-CLOSED PICK HOLES)	EACH	4		
17	CASTING ASSEMBLY R-1955-1 (LABELD WATER-OPEN PICK HOLES)	EACH	1		
18	BITUMINOUS CURB (TEMPORARY)	LIN FT	275		
19	BITUMINOUS WALK (TEMPORARY)	SQ FT	1665		
20	BITUMINOUS DRIVEWAY (TEMPORARY)	SQ FT	270		
21	TRAFFIC CONTROL	LS	1		
22	EROSION CONTROL SUPERVISOR	LS	1		
23	STORM DRAIN INLET PROTECTION	EACH	8		
24	RAPID STABILIZATION METHOD BFM	SQ YD	200		
25	3" INSULATION	SQ FT	256		
26	GRANULAR MATERIALS (LV)	CU YD	225		
27	INSTALL HYDRANT UNIT	EACH	2		
28	INSTALL GATE VALVE & BOX 4"	EACH	5		
29	INSTALL GATE VALVE & BOX 6"	EACH	3		
30	INSTALL 8" GATE VALVE AND CONSTRUCT MH	EACH	1		
31	INSTALL 1" CURB STOP & BOX	EACH	11		
32	1" CORPERATION STOP & SADDLE	EACH	11		
33	FURNISH & INSTALL 1" WATER SERVICE (TRENCHLESS 18' - 45')	EACH	11		
34	4" PVC WATERMAIN (SDR 18)	LIN FT	75		

35	6" PVC WATERMAIN (SDR 18)	LIN FT	85	_____	_____
36	8" PVC WATERMAIN (SDR 18)	LIN FT	890	_____	_____
37	WATERMAIN FITTINGS	LBS	1585	_____	_____
38	CONSTRUCT SANITARY SEWER STRUCTURE DESIGN F	EACH	4	_____	_____
39	SANITARY SEWER SERVICE CONNECTION	EACH	14	_____	_____
40	4" PVC PIPE SEWER SDR 35	LIN FT	600	_____	_____
41	8" PVC PIPE SEWER SDR 35	LIN FT	750	_____	_____
				<b>TOTAL</b>	_____

The undersigned has examined the proposed work's location, plans, specifications, and other contract documents, is familiar with local conditions at the place where the work is to be performed, and will complete the work as specified in the specification.

The City reserves the right to retain the deposit of the two lowest bidders for a period not to exceed sixty (60) days after the opening date and time set for the opening bids. No bid may be withdrawn for a period of sixty (60) days after the date and time for the opening bids.

That, in connection with this proposal, the said bidder has not either directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

To the best of my knowledge and belief, the contents of this proposal have not been communicated by any bidder or by any of his/her employees or agents to any person who is not an employee or agent of the bidder or the surety on any bond furnished with the proposal and will not be communicated to any person who is not an employee or agent of the bidder or of said surety before the official opening of the proposal.

The City reserves the right to reject any and all bids and to waive irregularities and informalities therein and further reserves the right to award the contract to the best interest of the City.

A certified check, cash, money order, or bid bond, in the sum of not less than five percent (5%) of the proposal amount, is furnished to the Owner as a guarantee that the agreement will be executed and a performance bond furnished.

The undersigned hereby acknowledge the receipt of the following addenda:

Addenda	Date
_____	_____
_____	_____
_____	_____

Respectfully submitted:

\_\_\_\_\_  
Company

\_\_\_\_\_  
Name and Title (Printed)

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City and State

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Date

**RESPONSIBLE CONTRACTOR VERIFICATION  
ATTACHMENT A**

**PRIME CONTRACTOR RESPONSE**

**RESPONSIBLE CONTRACTOR VERIFICATION AND CERTIFICATION OF COMPLIANCE**

**PROJECT TITLE: 3RD AVENUE WATER MAIN AND SANITARY SEWER RECONSTRUCTION**

**This form includes changes by statutory references from the Laws of Minnesota 2015, chapter 64, and sections 1-9. This form must be submitted with the response to this solicitation. A response received without this form will be rejected.**

<p>Minn. Stat. § 16C.285, Subd. 7. <b>IMPLEMENTATION.</b> ... Any prime contractor or subcontractor or motor carrier that does not meet the minimum criteria in subdivision 3 or fails to verify that it meets those criteria is not a responsible contractor and is not eligible to be awarded a construction contract for the project or to perform work on the project...</p>	
<p>Minn. Stat. § 16C.285, Subd. 3. <b>RESPONSIBLE CONTRACTOR, MINIMUM CRITERIA.</b> "Responsible contractor" means a contractor that conforms to the responsibility requirements in the solicitation document for its portion of the work on the project and verifies that it meets the following minimum criteria:</p>	
<p>(1)</p>	<p>The Contractor:</p> <ul style="list-style-type: none"> <li>(i) is in compliance with workers' compensation and unemployment insurance requirements;</li> <li>(ii) is in compliance with Department of Revenue and Department of Employment and Economic Development registration requirements if it has employees;</li> <li>(iii) has a valid federal tax identification number or a valid Social Security number if an individual; and</li> <li>(iv) Has filed a certificate of authority to transact business in Minnesota with the Secretary of State if a foreign corporation or cooperative.</li> </ul>
<p>(2)</p>	<p>The contractor or related entity is in compliance with and, during the three-year period before submitting the verification, has not violated section 177.24, 177.25, 177.41 to 177.44, 181.03, 181.101, 181.13, 181.14, or 181.722, and has not violated United States Code, title 29, sections 201 to 219, or United States Code, title 40, sections 3141 to 3148. For purposes of this clause, a violation occurs when a contractor or related entity:</p> <ul style="list-style-type: none"> <li>(i) repeatedly fails to pay statutorily required wages or penalties on one or more separate projects for a total underpayment of \$25,000 or more within the three-year period, provided that a failure to pay is "repeated" only if it involves two or more separate and distinct occurrences of underpayment during the three-year period;</li> <li>(ii) has been issued an order to comply by the commissioner of Labor and Industry that has become final;</li> <li>(iii) has been issued at least two determination letters within the three-year period by the Department of Transportation finding an underpayment by the contractor or related entity to its own employees;</li> <li>(iv) has been found by the commissioner of Labor and Industry to have repeatedly or willfully violated any of the sections referenced in this clause pursuant to section 177.27;</li> <li>(v) has been issued a ruling or findings of underpayment by the administrator of the Wage and Hour Division of the United States Department of Labor that have become final or have been upheld by an administrative law judge or the Administrative Review Board; or</li> <li>(vi) Has been found liable for underpayment of wages or penalties or misrepresenting a construction worker as an independent contractor in an action brought in a court having jurisdiction. Provided that, if the contractor or related entity contests a determination of underpayment by the Department of Transportation in a contested case proceeding, a violation does not occur until the contested case proceeding has concluded with a determination that the contractor or related entity underpaid wages or penalties;*</li> </ul>

(3)	The contractor or related entity is in compliance with and, during the three-year period before submitting the verification, has not violated section 181.723 or chapter 326B. For purposes of this clause, a violation occurs when a contractor or related entity has been issued a final administrative or licensing order;*
(4)	The contractor or related entity has not, more than twice during the three-year period before submitting the verification, had a certificate of compliance under section 363A.36 revoked or suspended based on the provisions of section 363A.36, with the revocation or suspension becoming final because it was upheld by the Office of Administrative Hearings or was not appealed to the office;*
(5)	The contractor or related entity has not received a final determination assessing a monetary sanction from the Department of Administration or Transportation for failure to meet targeted group business, disadvantaged business enterprise, or veteran-owned business goals, due to a lack of good faith effort, more than once during the three-year period before submitting the verification;*
	* Any violations, suspensions, revocations, or sanctions, as defined in clauses (2) to (5), occurring prior to July 1, 2014, shall not be considered in determining whether a contractor or related entity meets the minimum criteria.
(6)	The contractor or related entity is not currently suspended or debarred by the federal government or the state of Minnesota or any of its departments, commissions, agencies, or political subdivisions that have authority to debar a contractor; and
(7)	All subcontractors and motor carriers that the contractor intends to use to perform project work have verified to the contractor through a signed statement under oath by an owner or officer that they meet the minimum criteria listed in clauses (1) to (6).

<p>Minn. Stat. § 16C.285, Subd. 5. <b>SUBCONTRACTOR VERIFICATION.</b></p> <p>A prime contractor or subcontractor shall include in its verification of compliance under subdivision 4 a list of all of its first-tier subcontractors that it intends to retain for work on the project. Prior to execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit to the contracting authority a supplemental verification under oath confirming compliance with subdivision 3, clause (7). Each contractor or subcontractor shall obtain from all subcontractors with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each subcontractor.</p> <p style="padding-left: 20px;">If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its verification of compliance, the prime contractor or subcontractor shall obtain verifications of compliance from each additional subcontractor with which it has a direct contractual relationship and shall submit a supplemental verification confirming compliance with subdivision 3, clause (7), within 14 days of retaining the additional subcontractors.</p> <p>A prime contractor shall submit to the contracting authority upon request copies of the signed verifications of compliance from all subcontractors of any tier pursuant to subdivision 3, clause (7). A prime contractor and subcontractors shall not be responsible for the false statements of any subcontractor with which they do not have a direct contractual relationship. A prime contractor and subcontractors shall be responsible for false statements by their first-tier subcontractors with which they have a direct contractual relationship only if they accept the verification of compliance with actual knowledge that it contains a false statement.</p> <p>Subd. 5a. <b>Motor carrier verification.</b> A prime contractor or subcontractor shall obtain annually from all motor carriers with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each motor carrier. A prime contractor or subcontractor shall require each such motor carrier to provide it with immediate written notification in the event that the motor carrier no longer meets one or more of the minimum criteria in subdivision 3 after submitting its annual verification. A motor carrier shall be ineligible to perform work on a project covered by this section if it does not meet all the minimum criteria in subdivision 3. Upon request, a prime contractor or subcontractor shall submit to the contracting authority the signed verifications of compliance from all motor carriers providing for-hire transportation of materials, equipment, or supplies for a project.</p>
---

Minn. Stat. § 16C.285, Subd. 4. **VERIFICATION OF COMPLIANCE.**

A contractor responding to a solicitation document of a contracting authority shall submit to the contracting authority a signed statement under oath by an owner or officer verifying compliance with each of the minimum criteria in subdivision 3, with the exception of clause (7), at the time that it responds to the solicitation document.

A contracting authority may accept a signed statement under oath as sufficient to demonstrate that a contractor is a responsible contractor and shall not be held liable for awarding a contract in reasonable reliance on that statement. A prime contractor, subcontractor, or motor carrier that fails to verify compliance with any one of the required minimum criteria or makes a false statement under oath in a verification of compliance shall be ineligible to be awarded a construction contract on the project for which the verification was submitted.

A false statement under oath verifying compliance with any of the minimum criteria may result in termination of a construction contract that has already been awarded to a prime contractor or subcontractor or motor carrier that submits a false statement. A contracting authority shall not be liable for declining to award a contract or terminating a contract based on a reasonable determination that the contractor failed to verify compliance with the minimum criteria or falsely stated that it meets the minimum criteria. A verification of compliance need not be notarized. An electronic verification of compliance made and submitted as part of an electronic bid shall be an acceptable verification of compliance under this section provided that it contains an electronic signature as defined in section 325L.02, paragraph (h).

**CERTIFICATION**

**By signing this document I certify that I am an owner or officer of the company, and I certify under oath that:**

- 1) My company meets each of the Minimum Criteria to be a responsible contractor as defined herein and is in compliance with Minn. Stat. § 16C.285, and**
- 2) if my company is awarded a contract, I will submit Attachment A-1 prior to contract execution, and**
- 3) If my company is awarded a contract, I will also submit Attachment A-2 as required.**

**Authorized Signature of Owner or Officer:**

**Printed Name:**

**Title:**

**Date:**

**Company Name:**

NOTE: Minn. Stat. § 16C.285, Subd. 2, (c) If only one prime contractor responds to a solicitation document, a contracting authority may award a construction contract to the responding prime contractor even if the minimum criteria in subdivision 3 are not met.

**BIDDERS EQUAL OPPORTUNITY STATEMENT**

The undersigned hereby agrees:

(1) That, in the hiring of common or skilled labour for the performance of any work under this contract or any subcontract, no contractor, material supplier, or vendor, shall, because of race, creed, or colour, discriminate against the person or persons who are citizens of the United States or resident aliens who are qualified and available to perform the work to which the employment relates;

(2) That no contractor, material supplier, or vendor, shall, in any manner, discriminate against, or intimidate, or prevent the employment of any such person or persons, identified in clause (1) of this section, or on being hired, prevent, or conspire to prevent, the person or persons from the performance of work under this contract on account of race, creed, or colour;

(3) That a violation of this section is a misdemeanor; and

(4) That this contract may be cancelled or terminated by the city and all money due, or to become due under the contract, may be forfeited for a second or any subsequent violation of the terms or conditions of this contract.

The undersigned fully intends to comply with the standards of equal employment and anti-discrimination as cited in the Civil Rights Act of 1964 as amended in 1972 by the Equal Employment Opportunity Act, and Minnesota Statute 181.59 as amended.

Company: \_\_\_\_\_

By: \_\_\_\_\_  
Name and Title

Address: \_\_\_\_\_

City: \_\_\_\_\_

Date: \_\_\_\_\_

## ATTACHMENT A-1

### FIRST-TIER SUBCONTRACTORS LIST

#### SUBMIT PRIOR TO EXECUTION OF A CONSTRUCTION CONTRACT

#### PROJECT TITLE: 3RD AVENUE WATER MAIN AND SANITARY SEWER RECONSTRUCTION

Minn. Stat. § 16C.285, Subd. 5. A prime contractor or subcontractor shall include in its verification of compliance under subdivision 4 a list of all of its first-tier subcontractors that it intends to retain for work on the project. Prior to the execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit to the contracting authority a supplemental verification under oath confirming compliance with subdivision 3, clause (7). Each contractor or subcontractor shall obtain from all subcontractors with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 before execution of a construction contract with each subcontractor.

FIRST TIER SUBCONTRACTOR NAMES* (Legal name of company as registered with the Secretary of State)	Name of city where company's home office is located

\*Attach additional sheets as needed for submission of all first-tier subcontractors.

SUPPLEMENTAL CERTIFICATION FOR ATTACHMENT A-1	
<p><b>By signing this document, I certify that I am an owner or officer of the company, and I certify under oath that:</b></p> <p><b>All first-tier subcontractors listed in attachment A-1 have verified through a signed statement under oath by an owner or officer that they meet the minimum criteria to be a responsible contractor as defined in Minn. Stat. § 16C.285.</b></p>	
<p><b>Authorized Signature of Owner or Officer:</b></p>	<p><b>Printed Name:</b></p>
<p><b>Title:</b></p>	<p><b>Date:</b></p>
<p><b>Company Name:</b></p>	

## ATTACHMENT A-2

### ADDITIONAL SUBCONTRACTORS LIST

**PRIME CONTRACTOR TO SUBMIT AS SUBCONTRACTORS ARE ADDED TO THE PROJECT**

**PROJECT TITLE: 3RD AVENUE WATER MAIN AND SANITARY SEWER RECONSTRUCTION**

This form must be submitted to the Project Manager or individual as identified in the solicitation document.

Minn. Stat. § 16C.285, Subd. 5. ... If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its verification of compliance, the prime contractor or subcontractor shall obtain verifications of compliance from each additional subcontractor with which it has a direct contractual relationship and shall submit a supplemental verification confirming compliance with subdivision 3, clause (7), within 14 days of retaining the additional subcontractors.

<b>ADDITIONAL SUBCONTRACTOR NAMES*</b> (Legal name of company as registered with the Secretary of State)	<b>Name of city where company's home office is located</b>

\*Attach additional sheets as needed for submission of all additional subcontractors.

<b>SUPPLEMENTAL CERTIFICATION FOR ATTACHMENT A-2</b>	
<p><b>By signing this document, I certify that I am an owner or officer of the company, and I certify under oath that:</b></p> <p><b>All additional subcontractors listed in Attachment A-2 have verified through a signed statement under oath by an owner or officer that they meet the minimum criteria to be a responsible contractor as defined in Minn. Stat. § 16C.285.</b></p>	
<b>Authorized Signature of Owner or Officer:</b>	<b>Printed Name:</b>
<b>Title:</b>	<b>Date:</b>
<b>Company Name:</b>	

**SUBCONTRACTOR/VENDOR  
EQUAL OPPORTUNITY STATEMENT**

The undersigned hereby agrees:

(1) That, in the hiring of common or skilled labor for the performance of any work under this contract, or any subcontract, no contractor, material supplier, or vendor, shall, because of race, creed, or colour, discriminate against the person or persons who are citizens of the United States or resident aliens who are qualified and available to perform the work to which the employment relates;

(2) That no contractor, material supplier, or vendor, shall, in any manner, discriminate against, intimidate, or prevent the employment of any such person or persons, identified in clause (1) of this section, or on being hired, prevent, or conspire to prevent, the person or persons from the performance of work under this contract on account of race, creed, or colour;

(3) That a violation of this section is a misdemeanor; and

(4) That this contract may be cancelled or terminated by the city, and all money due, or to become due under the contract, may be forfeited for a second or any subsequent violation of the terms or conditions of this contract.

The undersigned fully intends to comply with the standards of equal employment and anti-discrimination as cited in the Civil Rights Act of 1964, as amended in 1972 by the Equal Employment Opportunity Act, and Minnesota Statute 181.59 as amended.

Company: \_\_\_\_\_

By: \_\_\_\_\_  
Name and Title

Address: \_\_\_\_\_

City: \_\_\_\_\_

Date: \_\_\_\_\_

**FORM OF CONTRACT**

THIS AGREEMENT, made on the \_\_\_\_\_ day of \_\_\_\_\_, 2026, by and between the City of Worthington, Minnesota, dba Worthington Public Utilities, party of the first part, hereinafter called the City or the Owner, and \_\_\_\_\_, party of the second part, hereinafter called the Contractor.

WITNESSETH, that the Contractor and the City, for the consideration named, agree as follows:

The Contractor hereby agrees to furnish all of the materials, equipment, tools and labour necessary, and to perform all of the work shown on the drawings and described in the specifications for the project entitled **3RD AVENUE WATER MAIN AND SANITARY SEWER RECONSTRUCTION**, all under the requirements and provisions of the plans and specifications dated **11 February 2026** prepared by the City Engineer.

Said plans and specifications, the contractor's proposal, and performance and payment bonds are hereby specifically made a part of the contract as fully as though set out herein verbatim.

The City agrees to pay the Contractor for the work completed in accordance with the price outlined in the Contractor's proposal. Payments will be made as prescribed in the specifications and contract documents.

IN WITNESS WHEREOF, the parties hereto have executed this agreement on the day and year first above written.

By: \_\_\_\_\_  
Title: Mayor

By: \_\_\_\_\_  
Title: \_\_\_\_\_

By: \_\_\_\_\_  
Title: Clerk

By: \_\_\_\_\_  
Title: \_\_\_\_\_

Attest \_\_\_\_\_

Attest \_\_\_\_\_

Attest \_\_\_\_\_

Attest \_\_\_\_\_

# **GOVERNING SPECIFICATIONS**

The State of Minnesota Department of Transportation's 2025 edition of "Standard Specifications for Construction" in the office of the Commissioner of Transportation shall apply to this contract except as modified or altered in the following Special Provisions.

## **STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION SECTION 2600**

Standard Specifications for Trench Excavation and Backfill/Surface Restoration, City Engineer's Association of Minnesota, 2025 Edition shall apply to this contract for excavation, backfilling, and restoration of existing surface improvements for the purposes of installing new and/or relocating or adjusting existing sanitary sewer and water utilities, except as modified or altered in the Special Provisions. CEAM Specifications are available at the CEAM website [www.ceam.org](http://www.ceam.org), or printed copies will be furnished by the City upon request.

## **STANDARD SPECIFICATIONS FOR WATER MAIN AND SERVICE LINE INSTALLATION SECTION 2611**

Standard Specifications for Water Main and Service Line Installation, City Engineer's Association of Minnesota, 2025 Edition, shall apply to this contract for furnishing and installing water main and service work, except as modified or altered in the Special Provisions. CEAM Specifications are available at the CEAM website [www.ceam.org](http://www.ceam.org), or printed copies will be furnished by the City upon request.

**SPECIAL PROVISIONS**  
**GENERAL CONDITIONS**

**S-1 (1103) DEFINITIONS**

The definitions of Department and Commissioner are hereby replaced by the following:

**S-1.1**

DEPARTMENT: City of Worthington

COMMISSIONER: City Engineer, except in those cases where the specified duties or responsibilities of the Commissioner exceed the legal powers of the City Engineer, in which case the Commissioner shall mean the City Council.

**S-1.2**

Holidays shall be as observed by the City per Minnesota State Statutes M.S. 645.44, with the Friday after Thanksgiving being observed as a Holiday and Columbus Day not being observed as a Holiday. Juneteenth shall be observed as a holiday.

**S-1.3**

The Owner does incur additional cost when Saturday work is allowed; therefore, no work will be allowed on Saturdays, Sundays, or holidays except as may be approved by the Engineer in special circumstances beyond the control of the Contractor which warrant such work.

**S-2 (1206) PREPARATION OF AND DELIVERY OF PROPOSAL**

The provisions of 1206 are hereby deleted, and the following are substituted therefore:

**S 2.1**

Each bid proposal shall include the bidder's Equal Opportunity statement.

**S 2.2**

**1206.1 PREPARATION AND DELIVERY**

The bidder shall submit a Proposal upon the bid schedule forms furnished by the City, except as allowed in S-2.4.

The bidder shall:

- (a) Specify a unit price in figures for each pay item for which a quantity is given, (for all items with a quantity of "Lump Sum", a numeric quantity of "1" shall be assumed) except as not required in the case of alternative items.
- (b) Show the products at the respective unit prices and quantities in the figures in the column provided for that purpose.
- (c) Show the total amount of the Proposal obtained by adding the amounts of the several items.

All figures shall be in ink, typed or computer printed. In the case of a discrepancy between a unit bid price and the extension, the unit price will govern.

When an item in the Proposal contains a choice to be made by the bidder, the bidder shall indicate the choice in accordance with the Specifications for that item, and thereafter, no further choices will be permitted.

The bidder's Proposal shall be signed with ink by the individual, by one or more members or officers of each firm representing a joint venture, or by one or more officers of a corporation. If an individual makes the Proposal, the name and post office address shall be shown; by a partnership, the name and post office address of each partner shall be shown; as a joint venture, the name and post office address of each member or officer of the firms represented by the joint venture shall be shown; by corporation, the State in which it is chartered, and the business address of its corporate officials shall be shown.

## S 2.3

### 1206.2 ALTERATIONS

The bidder's attention is directed to MN Statute § 161.32 subd. 1c, which provides, among other things, that a bid will be rejected if it contains any alterations or erasures that are not corrected as follows:

- (a) The alteration or erasure must be crossed out and the correction printed in ink, typewritten or computer printed adjacent to it, and
- (b) The correction must be initialled in ink by the person signing the bid proposal.

Any alteration or erasure made by the bidder in the Proposal in accordance with a specific instruction contained in an "Addendum" will not be considered to be an "alteration or erasure" within the meaning of the Statute.

## S 2.4

### 1206.3 ALLOWABLE SUBSTITUTIONS

The bidder may submit computer-printed proposal forms. Any computer-printed proposal form shall include all of the exact language, bid items, and any other contents included in the original proposal form furnished by the City. The language, bid items, and all other contents of the original form shall be printed to accurately reproduce the proposal forms furnished by the City.

An Excel file of the proposal forms containing bid items is available from the City. The City does not warrant the use of the file. The bidder shall be solely responsible for ensuring that the computer-printed forms accurately reproduce the original proposal forms furnished by the City.

Bids submitted on computer-printed forms that do not conform to these requirements will be rejected.

## **S-3 (1208) PROPOSAL GUARANTY**

The provisions of 1208 are hereby deleted, and the following are substituted therefore:

Each proposal shall be accompanied by a separate guaranty of character and in the amount no less than the amount indicated in the proposal form. The guaranty shall be either a certified check, bid bond, cash, or money order made payable to the Contracting Authority.

**S-4 (1301) CONSIDERATION OF PROPOSALS**

The provisions of 1301 are hereby supplemented by the following:

The City cannot award a construction contract in excess of \$50,000 unless the Bidder is a “responsible contractor” as defined in Minnesota Statutes §16C.285, subdivision 3. A Bidder submitting a Proposal for this Project must verify that it meets the minimum criteria specified in that statute by submitting the Responsible Contractor Verification and Certification of Compliance form. A company owner or officer must sign the Responsible Contractor Verification and Certification of Compliance form under oath, verifying compliance with each of the minimum criteria. Bidders must obtain verifications of compliance from all subcontractors. A Bidder must submit signed copies of verifications and certifications of compliance from subcontractors upon the City’s request.

A Bidder or subcontractor who does not meet the minimum criteria established in Minnesota Statutes §16C.285, subdivision 3, or who fails to verify compliance with the criteria, will not be a “responsible contractor” and will be ineligible to be awarded the Contract for this Project or to work on this Project. Making a false statement verifying compliance with any of the minimum criteria will render the Bidder or subcontractor ineligible to be awarded a construction contract for this Project and may result in the termination of a contract awarded to a Bidder or subcontractor that makes a false statement.

A Bidder must also identify each subcontractor it intends to use on the Project. A Bidder must complete Attachment A-1 and submit it with the Responsible Contractor Verification and Certification of Compliance form, identifying each subcontractor it intends to use as of the time of bid submission. **THE COMPLETED FORMS MUST BE SUBMITTED WITH THE BID PROPOSAL.**

If the Bidder retains additional subcontractors after submitting its Responsible Contractor Verification and Certification of Compliance form, then the Bidder must submit Attachment A-2 within 14 days of retaining the additional subcontractor. Attachment A-2 must be submitted to the Project Engineer with the Request to Sublet forms.

**S-5 (1302) AWARD OF CONTRACT**

The provisions of 1302 are hereby supplemented by the following:

The City intends to award all Schedules of Work (a single contract will be awarded). However, the Schedules of Work within this contract have various funding sources and budgets; therefore, the City retains the right to not award any schedule of work without adjustment of bid prices or other additional compensation.

As a condition precedent to the award of the contract, the bidder shall furnish proof that he/she comply with Minnesota Statutes Section 363, as amended by Laws of 1969, implementing the rules and regulations of the Minnesota Department of Human Rights.

**S-6 (1305) REQUIREMENTS OF CONTRACT BOND**

The provisions of 1305 are hereby supplemented by the following:

The Contractor shall furnish a performance bond and a payment bond acceptable to the City, each for 100% of the contract amount, in conformity with Minnesota Statutes, Section 574.

The provisions of 1305 are hereby supplemented by the following:

The prime contractor shall advise each subcontractor and supplier to familiarise themselves with the provisions of Minnesota State Statute 574.31.

## S-7 (1306) EXECUTION AND APPROVAL OF CONTRACT

The provisions of 1306 are hereby supplemented by the following:

The Contractor shall return the contract, performance bond, payment bond and certificate of insurance within ten (10) days after receipt of the contract form. The City will execute the contract within five (5) working days of receipt from the Contractor.

## S-8 (1404) MAINTENANCE OF TRAFFIC

The provisions of 1404 are hereby supplemented by the following:

The necessity to maintain access to abutting businesses, institutions and residences affected by construction results in the following requirements.

Traffic shall be maintained at all times in accordance with the provisions of MnDOT 1404, MnDOT 1710 and the following:

### S-8.1

The Contractor should note the provisions of 1404. Regarding maintaining approaches to institutions and residences. In general, the Contractor shall maintain approaches to the abutting institutions and residences and make all reasonable efforts to maintain local traffic access as construction allows. At a minimum, traffic shall be maintained as per the following:

The Contractor shall keep the portions of the project being used by public traffic, whether it be through or local traffic, in such condition (hard surfaced or aggregate surfaced) that the traffic will be adequately accommodated at all times.

### S-8.2

The project area of 3<sup>rd</sup> Avenue from 11<sup>th</sup> Street to 13<sup>th</sup> Street may be closed to traffic. It is further required that the Contractor maintain limited traffic access to approaches of the abutting residences following removals, excavation and aggregate base placement, except during curb and gutter, and driveway construction and curing. The Contractor shall be allowed to close these street segments to all traffic during concrete street paving and bituminous wear course placement work only.

### S-8.4

The Contractor should note that maintaining access shall be at his or her own expense and will include, but is not limited to, ramping over excavations.

### S-8.5

The Contractor shall allow for access to emergency vehicles (ambulance, rescue squad and/or fire truck) at all times.

### S-8.6

All traffic control devices for maintenance of traffic through the construction zone shall be provided by the Contractor in accordance with the provisions of MnDOT 1404, MnDOT 1710, and the following:

## TRAFFIC CONTROL REQUIREMENTS

- A. The Contractor shall furnish, install, maintain, and remove all construction signs, barricades, barricade weights, and warning lights which are needed for the guidance, warning and control through the construction site as specified herein.
- B. The Contractor shall further provide sufficient surveillance of the traffic control devices to ensure attention. The Contractor shall furnish names, addresses, and phone numbers of at least two (2) local individuals responsible for the traffic control devices to the Engineer for forwarding to the City Police Department for use in emergencies requiring adjustment of the signing during non-construction working hours. Response time to the construction site shall be 30 minutes or less after Police Department notification.
- C. All work required to furnish and maintain the traffic control devices as specified shall be included in the lump sum price for "Traffic Control Devices for Construction" unless otherwise noted.
- D. Based on the lump sum contract price for "Traffic Control Devices for Construction", partial payments will be made as follows:
- When five percent (5%) or more of the original contract amount is earned, 25 percent (25%) of the amount bid for "Traffic Control Devices for Construction" will be paid.
  - When 25 percent (25%) or more of the original contract amount is earned, 50 percent (50%) of the amount bid for "Traffic Control Devices for Construction" will be paid.
  - When 50 percent (50%) or more of the original contract amount is earned 75 percent (75%) of the amount bid for "Traffic Control Devices for Construction" will be paid.
  - When 75 percent (75%) or more of the original contract amount is earned 90 percent (90%) of the amount bid for "Traffic Control Devices for Construction" will be paid.
  - Except as noted below, 100 percent (100%) of the amount bid for "Traffic Control Devices for Construction" will be paid upon completion of all contract work.
- E. Work will not be allowed to begin until the Contractor has installed the necessary controls for the maintenance of traffic.
- F. The Contractor shall have available the minimum number of control devices required in Table A per each Schedule of work under construction.
- G. Reflective sheeting for traffic control signs and rigid traffic control devices shall be MnDOT "Tentative Standard No. 6" commonly referred to as Diamond Grade sheeting, except for No Parking Symbol, R8-3a signs, which shall be MnDOT "Standard No. 1" commonly referred to as Engineer grade sheeting. Reflective sheeting for flexible traffic control devices shall be MnDOT "Tentative Standard No. 4", commonly referred to as flexible high-intensity sheeting.
- H. The Contractor shall have at least two extra Type I modified, two extra Type III barricades, and six extra drum-like channelizers stored at a convenient site for use in an emergency.
- I. The exact location of all traffic control devices will be determined by the Engineer in the field.

J. Unless otherwise indicated, all signs which are independently mounted, not attached to a barricade, shall be attached to temporary skid mounts with two vertical posts for sign attachment. Signs which are shown in the Standard Signs Manuals as being punched for one post shall be redrilled for two posts. The required minimum mounting height for each sign is 7 feet as measured from the edge of the through roadway to the lowest point on the sign.

K. If the Engineer should order additional control, other than that required above, it will be included as extra work, and the Contractor will be reimbursed at the invoice rental prices plus 15% for each additional traffic control device. Current rental price shall be furnished to the Engineer before such installation. Rental prices plus 15% will be considered payment in full for all costs incurred.

L. All traffic control devices to be furnished and used by the Contractor shall be made available for inspection prior to the installation. The exact location of all traffic control devices will be determined by the Engineer in the field.

M. Any drop-off next to a lane of travel which remains overnight shall be protected with traffic drums at 50-foot spacing.

N. When signs such as the single-headed arrow (W1-6) are mounted on Type III barricades, the bottom edge of the sign shall be no lower than the bottom edge of the top rail of the barricade.

O. Weighted Channelizers Type A shall be the following or an approved equal:

The Type A weighted channelizers shall be constructed of a flexible, resilient material which is standard orange in colour. This material shall be compatible with the reflective sheeting specified herein to avoid reflective sheeting failures.

The dimensions of the Type A weighted channelizer shall be a minimum of 42" high, with a minimum weight of base 16 pounds per MN MUTCD section 6F.63.

The Type A weighted channelizer shall be reflectorized for night-time visibility with two 4-inch-wide orange and two 4-inch-wide white reflective bands. These bands shall be of reflective sheeting material for flexible traffic control devices, MnDOT "Tentative Standard No. 4" commonly referred to as flexible high-intensity sheeting.

P. The drum-like channelizers shall be the following or an approved equal:

The drum-like channelizer shall be constructed of a flexible, resilient material, which is standard construction orange in colour. This material shall be compatible with the reflective sheeting specified herein to avoid reflective sheeting failures.

The dimensions of the drum-like channelizers shall be approximately 36" high, with a minimum 18" dimension facing traffic, and a minimum width of 9" regardless of viewing angle.

The drum-like channelizer shall be reflectorized for night-time visibility with two 4-inch-wide orange and two 4-inch-wide white reflective bands. These bands shall be of reflective sheeting material for flexible traffic control devices, MnDOT "Tentative Standard No. 4" commonly referred to as flexible high-intensity sheeting.

**S-9 (1507) UTILITY PROPERTY AND SERVICE**

The provisions of 1507 are supplemented by the following:

The absence of the elevations of utility property or appurtenances on the plan sheets shall not be considered an omission of the existence of utility property and will not be accepted as justification for an extra work claim.

The Contractor shall employ special equipment or construction methods and hand labour if necessary to accomplish the work as planned adjacent to utility properties without damage thereto.

**S-10 (1515) CONTROL AND HAUL ROADS**

The provisions of 1515 are hereby supplemented by the following:

The Contractor shall be responsible for his or her operations on any roads or highways outside the jurisdiction of the City.

In general, the Contractor shall not be allowed to operate loaded trucks on previously paved areas under this contract. This will require the paving operation to be switched in direction or travel at the end of paving passes and the extended backing of loaded mix trucks.

The operation of loaded or unloaded trucks and heavy equipment shall be restricted to 9- or 10-ton streets and is only permitted on residential streets as approved by the Engineer.

**S-11 (1603) MATERIALS: SPECIFICATIONS, SAMPLES, TESTS, AND ACCEPTANCE**

The provisions of 1603 are hereby amended and supplemented by the following:

The first paragraph is hereby deleted and replaced with the following:

Sampling and testing of materials for this project will be in accordance with the latest version of the State Aid for Local Transportation (SALT) "Schedule of Materials Control-Local Government Agency" (SMC-LGA). This schedule establishes the size of samples and the minimum rate of testing, but in no way affects Specification requirements for the material.

**S-12 (1702) PERMITS, LICENSES, AND TAXES**

The provisions of 1702 are hereby supplemented by the following:

Each Contractor and subcontractor shall comply with the standards of Minnesota Statutes 290.92 and 270C.66 concerning the withholding of Minnesota income tax from wages paid to employees. Compliance includes the prime Contractor's submittal of a Minnesota Department of Revenue certified IC-134 Withholding Affidavit for Contractors form to the Engineer prior to issuance of the final payment.

Out-of-state Contractors and subcontractors are also subject to the Minnesota Statute 290.9705. Unless the Contractor submits to the City a Certificate of Surety Exemption issued by the Minnesota Department of Revenue, the City will withhold eight (8%) percent of each payment on all contracts in an amount over \$100,000 as a surety deposit until the Contractor submits said certified copy.

Application for permits has been made by the owner to the Minnesota Health Department and applicable watershed district.

Water for turf restoration shall be furnished by the Contractor from the source of his choice. Should the Contractor choose to pump water from Okabena Lake, a Department of Natural Resources General Permit for Temporary Water Appropriations (97-005) permit is required, a copy of which is to be given to the Engineer.

## **S-13 (1706) EMPLOYEE HEALTH AND WELFARE**

The provisions of 1706 are hereby supplemented by the following:

The Contractor shall post and maintain the job site per OSHA requirements.

## **S-14 (1710) TRAFFIC CONTROL DEVICES**

The provisions of 1710.1 through 1710.3 are hereby amended by the following:

### S-14.1

All traffic control devices and methods shall conform to the Minnesota Manual on Uniform Traffic Control Devices (MN MUTCD) 11<sup>th</sup> Edition, Minnesota Standard Signs Manuals Parts I, II, and III, the Traffic Engineering Manual, and the following:

The Contractor shall conform to all NCHRP Report 350 requirements for temporary traffic control devices used on this Project, including Category II devices, which went into effect on October 1, 2000. Crash testing requirements will only apply to those devices purchased after October 1, 2000. Devices purchased prior to October 1, 2000, may be used through January 1, 2006.

All Category I and Category II temporary traffic control devices used on or after January 1, 2006, shall meet NCHRP 350 crash testing criteria. This includes all new and used Category I and Category II devices. Category I devices include tube markers, plastic drums, cones, etc. Category II devices include portable sign supports, Type I, II and III barricades, etc.

### S-14.2

The provisions of 1710.3 are hereby deleted. The Contractor shall provide, install, maintain, or remove all necessary traffic control devices to control and guide traffic through the construction site as provided for in S-8 Maintenance of Traffic.

### S-14.3

The Contractor shall be responsible for all barricades, lights, signs and other traffic control devices for vehicular, bike and/or pedestrian control, as set forth in Section 1710. Work will not be allowed to begin until the Contractor has installed the necessary controls for the maintenance of traffic.

## **S-15 (1712) PROTECTION AND RESTORATION OF PROPERTY**

The provisions of 1712.1A are hereby supplemented and amended by the following:

The Contractor shall note the requirements for his responsibility to preserve all horizontal monuments (property pins) indicated on the plans or noted in writing by the Engineer prior to work in the vicinity of the monument. If the Engineer determines that a monument has been disturbed during construction activities, the Contractor will be required to employ and pay a registered land surveyor to restore the monument and provide the City with a copy of the certified survey used to restore the monument.

**S-16 (1714) RESPONSIBILITY FOR DAMAGE CLAIMS: INSURANCE**

The provisions are hereby amended and supplemented by the following:

**S-16.1**

To the fullest extent permitted by law, the Contractor agrees to defend, indemnify and hold harmless the City, and its employees, officials, and agents from and against all claims, actions, damages, losses and expenses, including reasonable attorney fees, arising out of the Contractor's negligence or the Contractor's performance or failure to perform its obligations under this Agreement. The Contractor's indemnification obligation shall apply to the Contractor's subcontractor(s), anyone directly or indirectly employed or hired by the Contractor, or anyone for whose acts the Contractor may be liable. The Contractor agrees that this indemnity obligation shall survive the completion or termination of the contract.

**S-16.2**

The Contractor and each subcontractor shall secure and maintain such insurance policies as will protect that Contractor or subcontractor and, unless otherwise specified, the Owner, from claims for bodily injuries, death or property damage, which may arise from operations under this contract, whether such operations be by the Contractor or subcontractor, or anyone employed directly or indirectly by them.

The Contractor or any subcontractor shall not commence work under this contract until the Contractor and each subcontractor have obtained all insurance required herein and such insurance has been approved by the City of Worthington. Insurance coverage shall be maintained throughout the life of this contract and for two (2) years from the time of final acceptance of the improvement by the owner. The Contractor and each subcontractor shall deliver to the City of Worthington executed copies of all policies or a certificate of insurance. The Contractor's policies and Certificate of Insurance shall contain a provision that coverage afforded under the policies shall not be cancelled without at least thirty (30) days advanced written notice to the City, or ten (10) days written notice for non-payment of premium.

**(1) Worker's Compensation Insurance**

Except as provided below, the Contractor must provide Worker's Compensation insurance for all its employees and, in case any work is subcontracted, the Contractor will require the subcontractor to provide Worker's Compensation insurance per the statutory requirements of the State of Minnesota, including Coverage B, Employer's Liability. Insurance minimum limits are as follows:

\$1,000,000 - Bodily Injury by Disease per employee

\$1,000,000 - Bodily Injury by Disease aggregate

\$1,000,000 - Bodily Injury by Accident

If Minnesota Statutes, Section 176.041, exempts the Contractor from Worker's Compensation insurance or if the Contractor has no employees, the Contractor must provide a written statement, signed by an authorized representative, indicating the qualifying exemption that excludes the Contractor from the Minnesota Worker's Compensation requirements.

**(2) Public Liability and Property Damage Insurance**

The Contractor and each subcontractor shall take out and maintain during the term of this contract, Commercial General Liability Insurance including products/completed operations, personal injury and advertising injury, blanket contractual liability and premises and operations bodily injury and property damage in an amount not less

than \$1,000,000.00 (one million dollars) per occurrence and \$2,000,000.00 (two million dollars) aggregate limit. Explosion, collapse and underground (XCU) exclusions are not permitted.

### (3) Commercial or Business Automobile Liability Insurance

The Contractor and each subcontractor shall take out and maintain during the term of this contract, Commercial or Business Automobile Liability Insurance in an amount not less than \$1,000,000.00 (one million dollars) per occurrence combined single limit for bodily injury and property damage. Coverage must be included for “owned, hired, and non-owned automobiles”.

### (4) Additional Insured

The City shall be endorsed as an additional insured under the Contractor's and each subcontractor's Commercial General Liability Insurance policies for not less than \$1,000,000.00 (one million dollars) per occurrence and \$2,000,000.00 (two million dollars) aggregate limit.

### (5) Limits

The above \$1,000,000.00 (one million dollars) per occurrence and \$2,000,000.00 (two million dollars) aggregate limits can be met with the primary policy or a combination, including an excess liability or commercial umbrella policy.

### (6) Minimum Insurance Requirements

No representation is made that the minimum insurance requirements required by the City are sufficient to cover the obligations of the Contractor under the contract. The City’s failure to approve or disapprove the Contractor’s policies or certificate shall not relieve the Contractor of full responsibility to maintain the required insurance

### (7) Primary Insurance

The Contractor’s policies shall be primary insurance and non-contributory to any other valid and collectable insurance available to the City with respect to any claim arising out of the Contractor’s performance under the contract.

### (8) Modification of Insurance Requirement

The City reserves the right to modify its insurance requirements, including limits, based on the nature of the risk, the scope of the project, prior experience, and other special circumstances.

## **S-17 (1718) FURNISHING RIGHT-OF-WAY**

The provisions of 1718 are hereby supplemented by the following:

The Contractor should familiarise himself/herself with the provided right-of-way, easement or removal limits as shown on the plan sheets. The Contractor shall not temporarily store or dispose of materials nor store equipment outside City right-of-way and should plan accordingly.

The Contractor shall take care not to damage any surface improvements or vegetation in or outside the removal limits unless specifically designated for removal. The Contractor shall be solely responsible for any property damage resulting from work done by the Contractor, any of his or her subcontractors or suppliers, to any turf, structure, or improvement which is not specifically designated for removal.

**S-18 (1801) SUBLETTING OF CONTRACT**

The provisions of 1801 are hereby supplemented by the following:

Each subcontractor shall be required to submit an Equal Opportunity statement.

**S-19 (1804) PROSECTON OF WORK**

The provisions of 1804 are hereby supplemented by the following:

**S-19.1 COMMENCEMENT OF WORK**

A written notice to proceed will be issued at the time of the City's acceptance of the contract.

**S-19.2 WORK REQUIREMENTS****General**

Throughout the project, the Contractor shall schedule work so that driveway, sidewalk access, and curb backfilling work progress in a timely manner as concrete curing conditions allow. Turf restoration shall be performed at each street location as per the requirements of the Erosion Control Plan.

The Contractor shall so locate his or her equipment and materials stockpiles and perform excavations as necessary to aid in maintaining pedestrian, driveway, and street access.

The Contractor shall not be allowed to operate loaded trucks on areas previously paved in 2025. Unloaded trucks shall be operated on newly paved areas to the minimum extent required.

The Contractor shall keep the portions of the project being used by local public traffic in such condition (hard surfaced or aggregate surfaced) that the traffic will be adequately accommodated at all times. It is further required that the Contractor shall maintain all disturbed street pavements with aggregate surfacing until placement of hard surfacing. Furnishing, placing, and salvaging aggregate surfacing shall be incidental to aggregate base construction (planned quantity), with no additional compensation being made therefore.

**S-19.3 LIMITATION OF OPERATIONS - GENERAL**

For all Schedules of work, temporary curb and gutter and driveway repair work shall be completed within seven (7) working days of the Contractor's completion of utility reconstruction and placement of aggregate base material. The Contractor should note that equipment (dump trucks, mix trucks, loaders, pavers, etc.) is restricted from new pavement. From completion of base placement and compaction, base shall not be exposed for more than fourteen (14) calendar days.

**S-19.4 LIMITATION OF OPERATIONS – PAVEMENT IMPROVEMENTS**

The following construction requirements have been detailed for this contract to maintain the best possible traffic use and access:

At water work locations, the Contractor shall be required to adequately maintain (weekly or on a compliant basis) the disturbed pavement areas with temporary aggregate surfacing for traffic use until subsequent street pavement removal and excavation are resumed and completed.

Manhole casting adjustment and furnish and install manhole castings work, consisting of the necessary removal of bituminous or bituminous overlaid concrete pavement; adjusting existing castings; furnishing and installing new manhole castings; and replacement of pavement shall be completed within three (3) working days of the Contractor's commencing any manhole casting work per individual location. The Contractor should note that equipment (dump trucks, mix trucks, loaders and pavers, etc.) is restricted from new pavement.

## **S-20 (1805) METHODS AND EQUIPMENT**

Work zone encumbrances require that the Contractor be allowed to utilise only 24" of free space from the back of the proposed curb for construction operations. Any tree, street light, concrete base, or fire hydrant gate valve box within the 24" free zone shall be worked around by the Contractor.

Salvage and reinstall of standard mailbox and support shall be salvaged and reinstalled as needed. Reinstallation shall be as per the United Postal Service standards for installation.

Decorative mailboxes within the work zone shall be worked around by the Contractor. The use of wood back forming for curb and gutter spot repairs may be needed to clear the obstructing mailbox and maintain the back of curb alignment.

## **S-21 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME**

The provisions of 1806 are hereby amended and supplemented by the following:

The City observes the following holidays per Minnesota State Statutes M.S. 645.44:

Juneteenth  
Labour Day  
Thanksgiving with the Friday following

No work will be allowed on Saturdays, Sundays, or holidays except as may be approved by the Engineer in special circumstances beyond the control of the Contractor which warrant such work.

The Contractor shall start work no later than July 31, 2026. In addition, all work is required to be completed within 40 working days. Counting working days shall begin upon the Contractor commencing any contracted work.

Working days assessments shall be made as designated in 1806.1A.

## **S-22 (1807) FAILURE TO COMPLETE THE WORK ON TIME**

The provisions of 1807.1 are hereby deleted and the following substituted therefor:

The City and the Contractor recognise that time is of the essence for this contract and that the City will suffer financial loss if the Work is not completed within the times specified in (1806) Determination and Extension of Contract Time above, plus any extensions thereof allowed in accordance with (1806) Determination and Extension of Contract Time. The City and the Contractor also recognise the delays, expenses, and difficulties involved in proving in a legal proceeding the actual loss suffered by the City if the Work is not completed on time. Accordingly, instead of requiring any such proof, the City and the Contractor agree that, as liquidated damages for delay (but not as a penalty), the Contractor shall pay the City \$1,500.00 per Calendar Day for work that remains incomplete.

The Parties agree that the above damages represent a genuine pre-estimate of the costs which might ensue from an unexcused delay. The liquidated damages referred to herein are intended to be and are cumulative and shall be in addition to every other remedy now or hereafter enforceable at law, in equity, by statute or under the contract.

Liquidated damages shall be assessed as determined by the Engineer.

**S-23 (1903) COMPENSATION FOR ALTERED QUANTITIES**

The provisions of 1903 are hereby amended and supplemented by the following:

The City retains the right not to award any schedule of work without adjustment of bid prices or other additional compensation.

The provisions of 1903 are modified to the extent that the City will not make a price adjustment in the event of increased or decreased quantities of temporary erosion control items.

**S-24 (1904) COMPENSATION FOR CONTRACT REVISIONS**

The provisions of 1904 are hereby supplemented and/or modified by the following:

The Contractor is required to submit force account work itemised statements of costs in accordance with MnDOT 1904 to the Engineer on MnDOT form TP-21659 (Summary of Daily Force Account). Copies of this form can be obtained from the Engineer.

The following sentence shall be added to the second paragraph of MnDOT 1904:

“Under no circumstance will the negotiated unit price for Extra Work, which is performed by a subcontractor, include a Prime Contractor allowance which exceeds that provided for in 1904(4), Paragraph 3.”

**S-25 (1906) PARTIAL PAYMENTS**

The provisions of 1906 are hereby supplemented by the following:

The Contractor shall pay any subcontractor within ten days of the prime contractor's receipt of payment from the municipality for undisputed services provided by the subcontractor. The Contractor shall pay interest of 1-1/2 percent per month or any part of a month to the subcontractor on any undisputed amount not paid on time to the subcontractor. The minimum monthly interest penalty payment for an unpaid balance of \$100 or more is \$10. For an unpaid balance of less than \$100, the Contractor shall pay the actual penalty due to the subcontractor. A subcontractor who prevails in a civil action to collect interest penalties from a prime contractor must be awarded its costs and disbursements, including attorney's fees, incurred in bringing the action.

**S-26 (2021) MOBILIZATION**

The provisions of 2021 are hereby supplemented by the following:

Mobilization shall be measured and paid on lump sum basis per schedule of work.

**S-27 (2104) REMOVING PAVEMENT AND MISCELLANEOUS STRUCTURES**

The provisions of 2104 are hereby supplemented by the following:

Removal items shall be disposed of off-site by the Contractor. The Contractor shall note the provisions of 2104.3C3 Disposal Outside of Right-of-Way of materials and debris.

## S-27.1 SALVAGE AND INSTALL MAILBOX AND SUPPORT

Salvage and reinstall mailbox shall consist of the Contractor's careful removal and onsite stockpiling of existing mailbox and support post, or assembly as needed. Reinstallation shall be performed in accordance with United Postal Services' standards for installation.

## S-27.2 REMOVE SEWER MANHOLE STRUCTURE AND REMOVE WATER MANHOLE STRUCTURE

Removal of manholes shall consist of the complete removal of the structure including concrete base. Existing castings on structures to be removed shall be disposed of by the Contractor, however, any catch basin grate or manhole lid deemed desirable by the Engineer shall become the property of the City with no compensation made to the Contractor. No direct compensation will be made for the removal of bituminous or concrete pavement removal for manhole and catch basin removal.

## S-27.3 REMOVE WATER HYDRANT

Removal of hydrant shall consist of the complete removal of the hydrant unit consisting of barrow, base elbow including concrete base with blocking and adjacent gate valve with valve box, and concrete base blocking. Hydrant unit disposal shall be by the Contractor, however, any hydrant parts (rods, tops, thrust washers, etc.) deemed desirable by the Engineer shall become the property of the City with no compensation made to the Contractor. The City Water Department will salvage the parts before the Contractor's removal work.

## S-27.4 REMOVE EXISTING PIPE (4" – 12") AND REMOVE 8" CLAY SEWER PIPE

All pipe removal items shall consist of the removal and disposal of any type of gravity pipe of the appropriate size. Any pipe left abandoned in place shall be concrete-plugged. Installation of concrete plug shall be considered incidental to the removal unless otherwise noted on the plans.

## S-27.5 REMOVE EXISTING WATER MAIN (4" – 12")

All pipe removal items shall consist of the removal and disposal of any gravity pipe of the appropriate size. Any pipe left abandoned in place shall be concrete-plugged. Installation of concrete plug shall be considered incidental to the removal unless otherwise noted on the plans.

## S-27.6 REMOVE CURB AND GUTTER

Removal of concrete surfaces shall consist of sawing concrete curb and removal. Sawing shall be to a minimum of 1/3 the anticipated depth of the concrete surface. Necessary sawing shall be incidental to each removal item.

Remove curb and gutter shall include the removal of concrete curb and gutter with or without bituminous overlay. No additional compensation will be provided for the existence of bituminous overlays.

## S-27.7 REMOVE CONCRETE DRIVEWAY PAVEMENT, SIDEWALK

Removal of concrete surfaces shall consist of sawing concrete curb and gutter, driveway, pavement, or sidewalk for removal. Sawing shall be to a minimum of 1/3 the anticipated depth of the concrete surface. Necessary sawing shall be incidental to each removal item.

**S-28 (2106) EXCAVATION AND EMBANKMENT – COMPACTED VOLUME METHOD**

Excavation and embankment construction shall be performed in accordance with the provisions of 2106, as supplemented or amended by the following:

**S-28.1 EXPLORATORY EXCAVATION**

The Contractor shall, in advance, perform exploratory excavation as directed by the Engineer. The exploratory excavation shall be used to determine existing water main, sanitary, and storm horizontal and vertical locations at specified locations. Exploratory excavation shall consist of all material, labour, and equipment necessary to excavate and backfill at the selected locations. Where exploratory excavation is performed in a location that will not be disturbed later, the backfill will be placed and compacted to the density specified elsewhere in the specifications for the type of utility located. Payment shall be per hour of exploratory excavation time with any backfill operations to be incidental to exploratory excavation time.

**S-29 (2211) AGGREGATE BASS**

The provisions of 2211 are supplemented by the following:

**S-29.1 SALVAGE AGGREGATE BASE (P)**

Salvage aggregate base shall consist of the removal of existing Class 5 aggregate base and hauling the material to a designated City Property as directed by the Engineer. Virgin Class 5 material shall be used on the project. Measurement shall be in compacted volume cubic yard.

**S-29.2 AGGREGATE BASE (CV) CLASS 5**

Compaction shall be achieved by the “Quality Compaction Method” described in MnDOT 2211.3.D.2.b.

Aggregate base shall be constructed with only Class 5 virgin aggregate material.

In conjunction with the construction, blade-mixing the material will be required as may be necessary to produce a substantially uniform gradation and moisture content. Aggregate base thickness shall be as detailed on the Plans.

**S-30 (2360) PLANT MIXED ASPHALT PAVEMENT**

The provisions of 2360 are hereby supplemented and amended by the following:

Contractor shall pave the project area within three (3) days post the adjustment and/or installation of manhole castings. Once bituminous pavement has been placed, the Contractor shall ensure all affected manhole lids are free of bituminous and able to open. It is also the Contractor’s responsibility to ensure that no bituminous enters any respective manhole while paving. If any bituminous enters manholes while paving, the Contractor shall remove and dispose of the bituminous.

**S-30.1 TYPE SP 12.5 WEARING COURSE MIXTURE (2, B)**

Mix Designation Numbers for the bituminous mixture on this project is: Type SP 12.5 Wearing Course (2, B)-SPWEB240B

Asphalt binder meeting AASHTO M332 (MSCR) is required.

#### 2360.2.A Aggregate

Class B crushed limestone will NOT be permitted in the bituminous aggregate being used in the wear course. Aggregate gradation may be SP 12.5 (3/4) for wearing course mixtures.

#### 2360.2.B Asphalt Binder Material

Asphalt binder material shall be PG 58S-28 for wearing course mixture.

#### 2360.2.C Additives

All bituminous material shall include a liquid anti-stripping additive “Agri-grip” or approved equal. Liquid anti-strip additives that modify the asphalt binder such that it fails to meet the Performance Grade (PG) requirements will not be allowed. No paving will be allowed until the asphalt binder/additive blend has been tested and results meet criteria in 2360.2B. The company/supplier adding the additive will be responsible for testing the binder/additive blend to ensure compliance with the PG binder criteria. Additive shall be from the refinery. Contractor added additive at the plant is not allowed.

2360.2. E.2 Provide aggregate in accordance with 3139.2.

#### 2360.2.G.1A Certification

Plant certificate shall be independently completed by MnDOT. The costs for plant certification shall be paid for by the Contractor.

#### 2360.2.G.2 Quality Assurances (QA)

Laboratory testing equipment verification of calibration shall be independently completed by MnDOT. The costs for verification shall be paid for by the Contractor.

#### 2360.2.G.4.B Sampling And Testing

Sample mixture from behind the paver. Sampling from the truck box at the plan site is not allowed unless approved by the Engineer.

#### 2360.2.G.8 Documentation

The required electronic printout (long form recordation) from an automated plant blending control may be waived only if the Contractor performs daily spot checks to determine percent new asphalt added. Spot checks should be run as often as necessary to ensure production control, with a minimum of two per day if production is continuous.

#### 2360.3.A.1 Asphalt Release Agents

Do not use petroleum distillates to prevent adhesion of asphalt mixtures to surfaces of tools and equipment. An asphalt release agent must meet the criteria for “Effect on Asphalt” as described in the most recent Asphalt Release Agent Report on file in MnDOT’s Office of Environmental Services.

## 2360.3D Compaction

The provisions of 2360.3.D.1 Maximum Density shall be deleted.

The provisions of 2360.3.D.2 Ordinary Compaction are amended as follows:

The Contractor shall note that a control test strip shall be constructed at the beginning of the work on each lift. The nuclear testing device shall be furnished and operated by the Contractor.

Compaction shall be obtained by the Ordinary Compaction Method as described in 2360.3D.2, except that a minimum of one (1) pneumatic-tired roller shall be used for intermediate rolling on all courses. The Contractor shall adjust mat temperatures of wear course mixtures to minimize the pneumatic-tired roller from picking up fines from the mat.

### 2360.3.D.2.c Mixture Temperature

The provisions of 2360.3.D.2.c are amended as follows:

Minimum Temperature Control shall be as per Table 2360.3-4\* of the specification. Warm Mix Asphalt (WMA) additive or process shall not be allowed on this project.

The sentence “In addition to the list, the above pavement surface must meet requirements of 2399 (Pavement Surface Smoothness) requirements.” is deleted from 2360.3.E Surface Requirements. The requirements of 2360.3.E Surface Requirements will apply.

## 2360.3.E Surface Requirements

Remove MnDOT 2360.3.E, “Surface Requirements,” and replace with:

After compaction, the finished surface of each lift shall be reasonably free of segregated, open and torn sections, and shall be smooth and true to the grade and cross section shown on the plans with the following tolerances:

<b>Table 2360.3-5 Surface Requirements</b>		
<b>Course/Location</b>	<b>Description</b>	<b>Tolerance</b>
Levelling/1 <sup>st</sup> lift using automatics	Tolerance also applies to 1 <sup>st</sup> lift placed other than levelling when automatics are used.	½ in
Wear	Tolerance of final 2 lifts from the edge of a 10-foot straightedge laid parallel to or at right angles to the centerline.	¼ in
Shoulder Wear, Temporary Wear & bypasses	Tolerance from the edge of a 10-foot straightedge laid parallel to or at right angles to the centerline.	¼ in
Transverse joints/construction joints	Tolerance from the edge of a 10-foot straightedge centred longitudinally across the transverse joint. Correction by diamond grinding required unless the Engineer and the Contractor agree to a deduction of \$1,500.	¼ in
20 ft. pavement section excluded from IRI and ALR testing in Table 2399-3.	Tolerance from the edge of a 10-foot straightedge placed parallel to or at right angles to centerline. Corrective Works required unless both the Engineer and the Contractor agree to a deduction of \$1,500 per lane.	¼ in
Transverse Slope	Tolerance for surface of each lift exclusive of final shoulder wear.	Not to vary by more than 0.4 % from plans.

Distance from edge of each lift and established centerline.	No less than the plan distance or more than 3 inches greater than the plan distance. The edge alignment of the wearing lift on tangent sections and on curve sections of 3 degrees or less can't deviate from the established alignment by more than 1 inch in any 25-foot section.	See Description
Final wear adjacent to concrete pavements.	After compaction, the final lift wear adjacent to concrete pavements must be slightly higher but not to exceed 1/4 inch than the concrete surface.	See Description
Final wear adjacent to fixed structures.	After compaction, the final lift wear adjacent to gutters, manholes, pavement headers, or other fixed structures must be slightly higher but not to exceed 1/4 inch than the surface of the structure.	See Description
Finished surface of each lift. *	Must be free of segregated and open and torn sections and deleterious material. *Excluding tight blade and scratch courses.	See Description

Cut  
or  
saw  
and

then remove and replace material placed outside the described limitations at no additional cost to the Department. If the Engineer determines the material can remain in place outside the limits, the Department will pay for the material at a reduced cost of \$10 per square yard. The Department will consider any single occurrence of material outside the limitations to have a minimum dimension of at least 1 square yard in any dimension.

The requirements of 2360.3.E are in addition to MnDOT specification 2399 "Pavement Surface Smoothness," if specified in the Contract. When 2399 is required in Special Provisions, but no pavement smoothness equation is specified, evaluate using equation HMA-B.

2360.4 Method Of Measurement & 2360.5 Basis Of Payment

English units of measure shall be used with MnDOT 2360 item numbers.

2360.5 Basis Of Payment

Payment for the accepted quantities of asphalt mixture used in each course at the Contract prices per unit of material shall be compensation in full for all costs of constructing the asphalt surfacing as specified, including the costs of furnishing and incorporating any asphalt binder, mineral filler, hydrated lime, or anti-stripping additives that may be permitted or required.

The Contractor is responsible for completing yield checks and monitoring thickness determinations so that the constructed dimensions correspond with the required plan dimensions throughout the entire length of the project. The tolerances for lift thickness shown in Table 2360-27, Surface Requirements, are for occasional variations and not for continuous over-running or under-running, unless ordered or Authorized by the Engineer.

**S-31 (2521) WALKS**

The provisions for 2521 are hereby supplemented by the following:

S-31.1 BITUMINOUS WALK AND DRIVEWAY (TEMPORARY)

Two-inch (2") bituminous walk and driveway construction shall include construction of a 4" Class 5 aggregate base. Necessary subgrade preparation shall be incidental. Excavation of 4" aggregate base for bituminous walk and driveway shall be incidental.

**S-32 (2535) BITUMINOUS CURB**

The provisions for 2535 are hereby supplemented by the following:

**S-32.1 BITUMINOUS CURB (TEMPORARY)**

The Contractor shall manually place the bituminous curb in necessary locations. The Contractor shall construct the bituminous curb to meet the desired design and direct flow accordingly, to the best of his or her ability.

**S-33 (2565) TRAFFIC CONTROL SIGNALS**

The provisions for 2563 are hereby supplemented by the following:

**S-33.1 TRAFFIC CONTROL**

Work will not be allowed to begin until the Contractor has installed the necessary controls for maintaining traffic. The Contractor shall furnish, install, maintain, and remove all construction signs, barricades, barricade weights, and warning lights which are needed for guidance, warning, and control of traffic through the construction site as specified herein.

Traffic control shall be measured and paid on lump sum basis.

**S-34 (2573) STORMWATER MANAGEMENT**

The provisions for 2573 are hereby supplemented by the following:

**S-34.1 EROSION CONTROL SUPERVISOR**

Stormwater management control shall be performed prior to, during or after construction as directed by the Engineer.

Stormwater management work and items shall be in accordance with the appropriate provisions of MnDOT Specifications Divisions II and III as modified by these specifications and the Erosion Control Plan (ECP).

The second paragraph of MnDOT 2573.3A1 Erosion Control Supervisor is revised to read as follows:

The Erosion Control Supervisor shall be a responsible employee of the prime Contractor and/or duly authorized by the prime Contractor to represent the prime Contractor on all matters pertaining to the Erosion Control Plan (ECP). In addition, the Erosion Control Supervisor shall be available to be on the Project within 24 hours at all times from initial disturbance to final stabilization, as well as perform the following duties:

The second paragraph of MnDOT 2573.3A1, Vehicle Tracking onto Paved Surfaces, is revised to read as follows:

The Contractor is responsible for ensuring paved streets are clean at the end of each working day or more often as necessary to provide safety to the travelling public. Tracked sediment on paved surfaces must be removed by the Contractor within 24 hours of discovery, in accordance with 1717.2. Payment for street sweeping to provide safe conditions for the travelling public, environmental reasons or regulatory requirements shall be as provided in accordance with 1514.

**S-34.2 STORM DRAIN INLET PROTECTION**

Storm drain inlet protection devices shall be installed and maintained at locations as directed by the Engineer. Storm drain inlet protection devices shall be only MnDOT-approved types per specification 2573. Emergency overflow must be an integral part of the device to reduce the flooding potential. Any device which does not have an adequate emergency overflow will not be allowed. All materials used for storm drain inlet protection shall be removed by the Contractor after final acceptance of the pavement restoration and/or turf restoration growth.

Storm drain inlet protection devices item 2573.502 shall consist of devices for both ADA ramp curb and gutter and sidewalk removal work and bituminous milling, base prep work and cleanup operations.

The Engineer will measure storm drain inlet protection by the number of individual inlets protected over the life of the contract regardless of the types or number of devices used at each storm drain inlet.

The Contractor shall temporarily remove ADA ramp work storm drain inlet protection devices and in lieu place Geotextile Type IV modified fabric in/under catch basin castings.

Pick-up type power brooms or other equipment intended to minimize dust are required as necessary to control dust in the cleanup of debris. Water is required for use in debris pick up. Clean-up water is incidental to brooming with no direct compensation made. Conventional power brooms without dry dust control will not be allowed at any time nuisance dust conditions will develop.

Polyethylene sheet material used for containment of liquids shall be a minimum of 8 mil in thickness.

**S-35 (2575) ESTABLISHING VEGETATION AND CONTROLLING EROSION**

The provisions for 2575 are hereby supplemented by the following:

**S-35.1 RAPID STABILIZATION METHOD BFM**

Controlling erosion and establishing vegetation work and items shall be in accordance with the appropriate provisions of MnDOT Specifications Divisions II and III as modified by these specifications and the Erosion Control Plan (ECP).

Rapid Stabilization Methods shall be done in accordance with the applicable MnDOT Standard Specifications and the following:

The Contractor shall be required to perform operations necessary to rapidly stabilize all areas, to prevent off-site sedimentation and/or to comply with permit requirements. The work may be performed at any time during the Contract and will be conducted in small areas that may or may not be accessible with normal equipment.

The stabilization methods approved for this project are:

Method BFM: Seeding by mechanical or hydro-spreading application of MnDOT seed mixture Type 25-151 with fertilizer Type 24-12-24 as a separate initial operation; then hydraulic spray apply Bonded Fiber Matrix (BFM) Hydraulic Soil Stabilizer. This method shall provide final stabilization.

The materials required shall be as follows:

Method BFM	Seed mixture 25-151 @ 200 pounds per acre with Fertilizer 24-12-24 @ 350 lbs. /acre. Hydraulic Matrix Type Bonded Fiber Matrix (BFM) @ 3500 pounds per acre. Approximate water to bale ratio 100 gallons to 50 lbs. Actual ratio in accordance with manufacturer's recommendation.
---------------	--

## PLACEMENT

Shaping of the area prior to placement of any of the materials will be as directed by the Engineer.

Method BFM - Existing turf areas which are disturbed shall be restored to a smooth surface suitable for mowing with hand push mowers. Seeding by mechanical or hydro-spreading application of MnDOT seed mixture Type 25-151 High Maintenance Turf and fertilizer as a separate initial operation. Hydraulic spray apply Bonded Fiber Matrix (BFM) Hydraulic Soil Stabilizer. Application shall be done on dry soils and at least 24 hours in advance of projected rainfall to allow adequate drying time. The BFM shall be applied from at least two alternate directions, preferably 90 degrees apart, to ensure all soil surfaces are covered. In all cases, 100% continuous ground coverage is required. Amount of material applied shall be such to obtain 100% soil coverage.

Water for turf restoration shall be furnished by the Contractor from the source of his choice. Should the Contractor choose to pump water from Okabena Lake a Department of Natural Resources General Permit for Temporary Water Appropriations (97-005) permit is required, a copy of which is to be given to the Engineer.

The Contractor may use water from city hydrants as per the City of Worthington Water Department water usage policy. Policy requirements include a maximum of 1" water service, deposit and payment for usage and for all connection and disconnection charges.

The Contractor may not operate any water main valves.

## MAINTENANCE

The Contractor shall maintain the Rapid Stabilization Method BFM for a minimum of thirty (30) growing days or until the turf growth has been accepted.

## ACCEPTANCE OF WORK

Rapid Stabilization providing final turf stabilization/restoration (Method BFM) shall be accepted when areas are in a normal, healthy growing condition.

## METHOD OF MEASUREMENT

Rapid Stabilization Method BFM will be measured by the square yard furnished and acceptably placed. Seed and fertilizer shall be considered incidental to furnishing and placing hydraulic soil stabilizer.

## BASIS OF PAYMENT

MnDOT Specification 2575.5G, is hereby modified: payment for Bonded Fiber Matrix (BFM) Hydraulic Soil Stabilizer shall be eligible for partial payment not to exceed 80% of the contract bid price upon satisfactory

installation of the material. The remaining 20% shall be made available when final acceptance is made based on adequate vegetative cover and erosion control.

Payment for the work required for Rapid Stabilization under this Contract will be made in accordance with the schedule set forth below at the appropriate Contract bid price per unit of measure for each specified item. Such payment, in each instance, shall be construed to be compensation in full for all costs incidental thereto, including mobilization, other than those costs which are compensated for separately under other Contract items.

### **S-36 (2600) TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION**

The provisions for 2600 are hereby supplemented by the following:

#### Pipe Backfilling Operations

The provisions for pipe backfilling operations are hereby supplemented by the following:

Backfill to a height of 1 foot below the existing service shall be compacted to 100% Standard Proctor density (ASHTO T99). The Contractor shall be responsible for obtaining the soil moisture content necessary to meet the density requirement, regardless of the original soil mixture content. Air tamper and rammer-type tampers will be required for the initial backfilling operations.

#### **S-36.1 3" INSULATION**

Insulate water main shall consist of all materials, labour, and equipment necessary to insulate new water main or water service with 3" of polystyrene exterior insulation (blue board) at locations of shallow burial depth or adjacent storm structures as shown on the plan sheets.

The insulation board shall be rigid expanded polystyrene conforming to the material requirements of MnDOT 3760. Styrofoam S.M. and Styrofoam TG brand insulation are approved insulation materials. Sand material shall meet the provisions of a MnDOT Fine Aggregate for Concrete Specification 3126. Granular foundation shall meet the provisions of MnDOT ASTM #67 coarse concrete aggregate designation.

Placement of insulation shall be as modified by the following:

Insulation shall be 4' by 8' sheets only, field cut as required. Rigid insulation shall be placed within the pipe or structure encasement zone. Before placement of the insulation, the encasement material shall be levelled and compacted until there is no further visual evidence of consolidation. For shallow burial main locations, insulation shall be placed on 2 inches of compacted sand and covered with 4 inches of compacted sand. For adjacent storm structure locations, insulation shall be placed on 2 inches of compacted granular foundation. A minimum of two (2) wood skewers per board in each layer, driven flush with the surface of the material, shall be utilized to hold the insulation material in place during the backfill operations. The placement of the soil over the insulation board and compaction thereof shall be accomplished in a manner that will preclude damage to the insulation material. Construction equipment of any kind shall not operate directly on the insulation board. Sections of insulation board damaged by the Contractor's construction operations shall be replaced at the Contractor's own expense. If two layers of insulation board are used, each layer shall be placed to cover the joints of the lower layer with an overlap of at least 6". Furnishing and placement of sand or granular bedding material shall be incidental to furnishing and placing insulation with no direct compensation being made.

Measurement will be made by the area insulated as specified. Payment will be made at the Contract bid price per square foot, which will be compensation in full for all costs incidental thereto.

**S-36.2 GRANULAR MATERIAL (LV)****Granular Foundation**

Granular foundation shall meet the provisions of MnDOT ASTM #67 coarse concrete aggregate designation. Gravel material will not be allowed. Payment and measurement shall be by cubic yard compacted volume (CV). Use of granular foundation material must be approved by the Engineer.

**Granular Bedding**

Granular bedding shall meet the provisions of a MnDOT FA 2 ½ through FA – 3 ½ seal coat aggregate, Class A or B only. Furnishing and placing of granular bedding shall be incidental to sewer main construction and not paid for directly.

**S-37 (2611) WATER MAIN AND SERVICE LINE INSTALLATION**

The provisions for 2611 are hereby supplemented by the following:

The necessity to maintain water service and fire protection for businesses, institutions, and residences affected by the water main construction results in the following construction phases.

**UNKNOWN DRAINAGE PIPES**

It is reasonable for the Contactor to expect to encounter undocumented drainage lines throughout this project. All drainage lines must be perpetuated.

Any storm sewer pipes or field tiles encountered during and conflicting with construction and were not indicated on the plan sheets shall be removed and replaced as follows:

4" to 12" pipe shall be placed with corrugated polyethylene tubing of the same size removed and meeting the provisions of MnDOT Specification 3278. Payment for the replacement pipe shall be at the applicable unit price per linear foot of corrugated tubing. At the discretion of the Engineer, other contract pipe items may be substituted for corrugated tubing. Payment for the substitute pipes will be at the contract pipe.

The method of connecting the replacement tubing or pipe to the existing pipe shall be approved by the Engineer. Each end connection made to the existing pipe shall be paid at the applicable unit price per each replacement connection. Payment will be for connections made on pipes not indicated or shown on the plan sheets only.

**S-37.1 INSTALL HYDRANT**

All hydrants will be supplied by the City. Supplied hydrant includes barrel and base elbow only. Providing all other joint accessories (bolts, nuts, gaskets, glands; retaining glands) is the Contractor's responsibility. Bolts and nuts shall be stainless steel for MJ joints of which 2 bolts per hydrant base elbow shall be square shaft anti-rotation type.

Hydrants shall be supplied by the City and will be American AVK Company Model 2700 Modern. Hydrants will be available at the City's Warehouse 1300 Diagonal Road during normal Water Department working hours.

The Contractor shall install the City supplied hydrant (from base elbow up), gate valve, and valve box with adapter. The Contractor shall furnish and install a single 20" piece of 6" PVC SDR 18 hydrant branch pipe (gate valve to

base elbow), 9' and 22' of 6" PVC SDR 18 hydrant branch pipe from tee to gate valve. Hydrant branch pipe lengths as measured from tee to gate valve, shall be a single pipe piece with no joints. Hydrant lead lengths greater than 19' in length shall include pipe joint restraint harness as incidental. Contractor shall furnish and install masonry or poured reaction blocking for the hydrant tee, joint restraints on tee run as directed; all masonry support and reaction blocking for hydrant gate valve and base masonry block hydrant base elbow, polyethylene encasement of all metallic items (cut holes for hydrant drains), valve and valve box, four 6" restraining glands, 5' to 22' of branch pipe as needed, granular foundation aggregate with plastic covering. Contractor shall furnish and install tracer wire tracer wire, above-ground tracer wire access box and magnesium ground rod incidental to hydrant work.

Hydrant lead lengths greater than 19' in length shall include pipe joint restraint harness as incidental. Hydrant tee and any bends and the required additional bend fitting restraining glands installed on hydrant branch pipe shall be installed, measured, and paid for separately under the "Ductile Iron Fittings Polyethylene Encased" item.

### S-37.2 INSTALL GATE VALVE AND BOX 4" AND 6"

All gate valves including hydrant valves will be supplied by the City. Supplied gate valve includes valve body and operating nut" only. Providing all joint accessories (bolts, nuts, gaskets, glands, retaining glands) are the Contractor's responsibility. Bolts and nuts shall be stainless steel for MJ joints of which four (4) bolts per gate valve shall be square shaft anti-rotation type. Gate valves to be supplied by the City will be Mueller A-2362 Series. Gate valves will be available at the City's Warehouse 1300 Diagonal Road during normal Water Department working hours.

All gate valve boxes and adaptors including those for hydrant valve will be supplied by the City. Valve boxes will be round base, three-piece cast iron, suitable for the depth of cover and size of gate valve. Valve boxes will be available at the City's Warehouse 1300 Diagonal Road during normal Water Department working hours.

### S-37.3 INSTALL 8" GATE VALVE AND CONSTRUCT MANHOLE

All gate valves including hydrant valves will be supplied by the City. Supplied gate valve includes valve body and operating nut only. Providing all joint accessories (bolts, nuts, gaskets, glands, retaining glands) are the Contractor's responsibility. Bolts and nuts shall be stainless steel for MJ joints of which four (4) bolts per gate valve shall be square shaft anti-rotation type.

Gate valves to be supplied by the City may be American AVK Company Series 45 or Mueller A-2362. Gate valves will be available at the City's Warehouse 1300 Diagonal Road during normal Water Department working hours.

Manholes for gate valves shall consist of constructing a MnDOT standard plate 4005M precast design F structure, tongue and groove joints, with a concentric Type A or B cone section. The cone section shall be Type A or B (concentric), with a 27" opening. The lower structure section shall be modified to have a "dog house" or "arched" pipe opening of appropriate width (4" wider than pipe O.D.) and height (4" above pipe O.D.) for the proposed water main. Manhole base shall be a MnDOT standard plate 4011E precast, 8" thick, 72" outside diameter with 36" inside diameter opening. No brick construction shall be allowed. Manhole steps are not allowed. Incidental materials include 3/4" aggregate foundation material and masonry blocking for valve support, and 1/2" green-treated CCA plywood.

Adjusting rings shall be High Density Polyethylene(HDPE) as listed on the MnDOT current approved products list. HDPE rings shall be sealed per manufacturers recommendation. Concrete adjoining rings will not be allowed.

Water manhole castings shall be Neenah R-1955-1 casting assemblies. Neenah R-1955-1 castings shall have the cast anchoring lugs located 4" below the top of frame. Equivalent casting are acceptable with the prior approval from the Engineer. Casting lids for R-1955 assemblies shall be the platen lid labeled "Water" with pick holes or equivalent.

Floating R1955 manhole castings shall be anchored and sealed to the new precast concrete manhole structure by drilling (4) 3/4" diameter anchor bolt holes at 90 degrees for 1/8" diameter, stainless steel, "Redi" anchor bolts or other approved "wedge" type anchor bolt, seven inch (7") minimum length as detailed on Plan Sheet No. 11. Stainless steel nuts and washers are required.

#### S-37.4 INSTALL 1" CURB STOP AND BOX

1" curb stops shall be ball valve type, for P.E.P. compression connections with stiffeners, with female thread iron pipe size, Minneapolis pattern threaded for attachment to curb box, Ford B61-444-M-TW-Q-NL (with tracer wire nut C84-43-Q); McDonald 76106-3Q-A 1", 1" MIP by 1" PEP quick and 74753-QA-3/4 by 1 3/4" or 1" CTS Quick by 1" MIP coupling (with 4700QA Tracer wire nut) or approved equal. Curb stop compression nuts shall include tracer wire holes Ford Compression nut "TW" or McDonald 4700QA.

Curb boxes for 1" services. Boxes shall be slid telescoping type, 7' long when fully extended, Minneapolis Style Base, with tracer wire curb box lid and plug. Upper section shall be 1/4". Ford EM2-70-56 or McDonald 5614 with TW series lid.

#### S-37.5 1" CORPORATION STOP AND SADDLE

All brass fittings shall be "No Lead".

3/4" and 1" Water Service Pipe shall meet all requirements of ASTM D 2239 and conform to ASTM 4710 for Extruded Polyethylene Tubing, Pressure Rated 250, SDR 7, iron pipe size.

1" P.E.P. fittings shall be "Quick" type compression with insert stainless steel stiffeners as listed by the following:

1" corporation stops shall be ball type, Ford FB 1001-4-Q-NL; McDonald 4701B-3Q-1", 1"CC by 1" PEP; or approved equal. Corporation stops shall be the appropriate size with tapered threads and comprehensive type P.E.P. outlet with stiffener.

3/4" copper to poly compression couplings for relocate water service trench box work only shall be Ford C-46-33-NL, McDonald 4758-22-33 or approved equal.

1" couplings poly to poly shall be compression (quick) type, Ford C66-44NLQ, McDonald 74755-3Q, or approved equal. Inlet and outlets pipe stiffeners required.

1" copper to poly compression couplings for relocate water service trench box work only shall be Ford C-46-33-NL, McDonald 4758-22-33 or approved equal.

1" male iron pipe size by 3/4" P.J. copper compression (PAC joint) couplings shall be Ford C-84-43-Q-NL, McDonald 74753-22 (1") or approved equal.

1" corporation stops shall be ball type, Ford FB-1001-4-TW-Q-NL; McDonald 4701B-3Q-A 1", 1" CC by 1" PEP with anode nut; or approved equal. Corporation stops shall be the appropriate size with tapered threads and

compression type P.E.P. outlet with stiffener.

## S-37.6 FURNISH AND INSTALL 1" WATER SERVICE (TRENCHLESS)

Water services shall be a minimum burial depth of six (6') feet.

- A. The Furnish and Install Water Service Connection 1" P.E.P. bid item shall consist of all labour, equipment, and materials necessary to reconnect existing water services lines or connect reinstalled water services to the new water main. Cooperation stops shall be installed with the water main pipe. Existing water service connection to the cooperation stop shall be after water main testing and disinfection. Installation of new water service piping from the corporation stop shall be after water main testing and disinfection. Materials shall include appropriate fixed corporation stops and service saddle.
- B. Furnish and Install 1" and 1.5" Curb Stop and Box bid item shall consist of labour, equipment, and materials necessary to remove existing curb stop and box; reconnect existing house side water service line to the newly furnished and installed curb stop and box assembly. Curb stops shall be installed on top of 3" x 4" x 2" brick.

Materials shall include appropriately sized curb box and stop, and compression-type coupling. Miscellaneous materials shall include 2" wide PVC (tiling) tape to adhere the tracer wire to the curb box and to wire tracer nuts. Connection from the new curb stop to the existing water service pipe (house side) shall be incidental to Furnish and Install 1" and 1.5" Curb Stop and Box bid items. Connection from the new curb stop to the new main shall be paid separately under the appropriate furnish and installation water service item.

- C. Furnish and Install Water Service 1" (less than 20') bid item shall consist of all labour, equipment, and materials necessary to install new water service from a new corporation stop to a new curb stop as shown on the plan sheets. Labour shall include the work necessary to perform less than 20' of open trench of polythene service pipe and tracer wire installation. Materials shall include appropriately sized compression-type coupling and 20' or less length of 1" polythene tubing; and tracer wire as shown on the plan sheets. Connection to the new main with new corporation stop; curb stop; and curb box work items all shall be paid separately.
- D. Relocate 3/4" or 1" Water Service for Trench Box (If needed) bid item shall consist of the cutting and splicing of 3/4" or 1" water service lines and if needed salvaging and reinstalling existing corporation stop to facilitate use of the trench box during water main construction and relaying water service lines over the newly installed water main pipe. It shall include all fittings, pipes, equipment and labour for this purpose. Service lines shall be polythene tubing meeting the requirements of ASTM D 2239 and conform to ASTM PE 4710 for Extruded Polyethylene Tubing, Class 200, SIDR 7, iron pipe size. 20

3/4" copper to poly compression couplings for relocating water service trench box work only shall be Ford C -74633, McDonald 74758-22-33 or approved equal.

1" copper to poly compression couplings shall be Ford C-74633, McDonald 4758-22-33 (1"), or approved equal.

Measurement and payment shall be made per each relocated water service.

Copper 1 1/2" Water Service Pipe shall meet all requirements of ASTM b 88 for seamless copper tube, Type K, Soft Annealed Temper.

Tracer wire components are required for copper services.

Fittings shall meet the compression listed by the following:

Compression

1” corporation stops shall be ball type, Ford FB-1000-4NL; McDonald 47701B-22- 1” (AWWA x CTS PJ); or approved equal. Corporation stops shall be with tapered threads and compression copper outlet.

1 ½” corporation stops shall be, Ford FB-1000-6NL; McDonald 5133-172 or approved equal. Corporation stops shall be with tapered threads and compression copper outlet.

1” corporation stops shall be compression (quick) type, Ford C-44-44NL; McDonald 74758-22- 1” (CTS PJ x CTS PJ); or approved equal. Inlet and outlet pipe stiffeners are required.

1 ½” compression couples couplings shall be Ford C44-66-NL, McDonald 5141-170, or approved equal.

1” curb stops shall be ball valve type, for copper, with female thread iron pipe size, Minneapolis pattern threaded for attachment to curb box, Ford B44-444MNL; McDonald 76104-22-1” (CTS PJ x CTS PJ) or approved equal.

1 ½” curb stops shall be valve type, compression connections, threaded from attachment to curb box, Ford S44-666M-NL, McDonald 5133-177, or approved equal.

Service Saddles – Copper 1” and 1 ½” REQUIRED

Use of 1” copper service saddles is required. Reducer brushings will not be allowed on service saddles. Allowed service saddles shall be Ford FS 313-905-4CC, Romac 306-9.05 x 1” CC or approved equal. Service saddles shall be epoxy-coated with stainless steel bolts and straps.

Use of 1 ½” copper service saddles is required. Reducer brushings will not be allowed on service saddles. Allowed service saddles shall be Ford FS 313-905-6CC, Romac 101N or approved equal. Service saddles shall be epoxy-coated with stainless steel bolts and straps.

S-37.7 4” PVC WATER MAIN (SDR 18), 6” PVC WATER MAIN (SDR 18), & 8” PVC WATER MAIN (SDR 18)

Pipe and Joint Material

Pipe and joint materials shall conform to the following requirements:

Oriented Polyvinyl Chloride “PVCO” 6" thru 12"	Class 150 C.I.O.D.	AWWA C-909 ASTM F-1483 Integral bell	Rubber compression “O” ring
Polyvinyl Chloride "PVC"4" thru 12"	SDR 18	AWWA C-900-16 Integral bell	Rubber compression “O” ring

Ductile Iron Pipe shall be wrapped with tube form polyethylene encasement material meeting the requirements of CEAM 2611.2E, eight (8) mil film thickness.

PVC pipe shall be stored per Manufacturer recommendations and only PVC pipe manufactured within the last 18 months shall be supplied to the City.

## Installation Of Pipe

Unless otherwise noted on the plans, water main fittings will be measured by the pound without joint accessories. The standard weight of water main fittings, for payment purposes, will be as published in AWWA C-110 "full body" ductile iron and grey iron fittings.

A. The depth of the water main shall provide for 7 feet of cover. Vertical separation between the top or bottom of sanitary or storm sewer lines and the top or bottom of the water main of at least 18 inches. In addition, for water main passing under sanitary or storm sewer lines a length of water pipe shall be centered at the point of crossing so that the joints will be equidistant and as far as possible from the sewer. Greater water main burial depth required to clear existing storm and sanitary sewers and sewer services, whether shown on the plans or not shall be incidental with no additional compensation provided for such adjustments.

B. Polyvinyl Chloride (PVC) for sanitary or storm pipe shall be the appropriate size SDR 18 pipe meeting the requirements of AWWA C-900. PVC storm pipe bedding shall be as per the manufacturer's recommendation.

C. All ductile iron fittings, gate valves (direct buried or in manholes), mechanical joint connections at hydrants, hydrant barrels (cut holes for drains), restraining assemblies, valve boxes, curb boxes, curb stops and any other non-PVC material used in contact with the soil shall be polyethylene encased. Polyethylene material shall be furnished by the Contractor.

D. Joint retainer glands shall be used at all fittings and gate valves. Retainer glands are not required on repair sleeves. In addition, reaction blocking shall be installed at all fittings including bends both horizontal and vertical. Retainer glands shall be polyethylene encased. All joint retainer glands shall be furnished by the Contractor.

E. Anti-Corrosion Caps - The City shall supply "Mars Zinc Caps" for the Contractor's installation over bolt ends adjacent to the nut on all fittings, retaining glands, and restraining glands. Installation shall be on every bolt. Zinc caps are installed as an addition to the nuts and bolts supplied by the Contractor.

F. 4" through 12" diameter retainer glands shall be "Megalug" retainer glands Series 2000PV; Star Pipe Products "Allgrip" Series 4000 Restraint or approved equal for water main. Retainer glands are incidental to construction with no direct compensation being made.

G. Restraining pipe for temporary restraining of gate valves in manholes shall consist of 2" I.D. iron or steel pipe Schedule 80. Temporary restraining pipe shall be considered incidental with no direct compensation being made.

H. Where new pipe (water main or sewer) is to be placed under existing pipes (water, sanitary or storm sewer) and the plans call for the existing pipe to remain undisturbed, the Contractor shall, for a short distance (5' maximum length), hand tunnel under the existing pipe and if needed brace and support the length of exposed existing pipe. Support shall be with a system of a beam perpendicular to the trench (wood or steel) and vertical

strapping, ropes and/or cables. Tunnel excavation shall remove the minimal amount of supporting soil as possible. The introduction of water into the excavation for tunnelling is prohibited unless the water is continuously removed as an integral step in the excavation process. After installation of the new pipe through the tunnel section any remaining voids shall be filled with lean mix backfill, a separate bid item. Lean mix backfill shall be limited to the area as confined by the trench side walls and the Contractor's initial backfill of the length of trench to within 2' O.D. of the overlaying pipe and to a height of the overlaying pipe midpoint.

I. Air tamper and rammer-type tampers will be required for initial backfilling operations.

### Water Main Tracer Wire with Access Box

Water main tracer wire shall consist of the Contractor's furnishing and installing No. 12 AWG gauge, single strand, and copper wire in the trench above the water main. Installation of the wire shall be after initial backfilling and shall be 6" to 12" above the pipe. The wire shall be plastic-coated coated suitable for underground installation. The tracer wire shall run continuously between hydrants and/or gate valve manholes. Wire splices shall be with "3M Direct Bury Splice Kit model DBR/Y or equal. Splice kit shall be installed as per manufacturer's recommendations

At hydrants and direct buried gate valve locations, the tracer wire shall be terminated in an adjacent "tracer wire access box". "Tracer wire access box" shall be "Valvco Inc" or "Handley Industries Inc. 2" Cathodic Test Station" brands or approved equal. Boxes shall be a minimum of 12" in height, 2 3/8" inside diameter, and the box section be constructed of ABS plastic, flared to prevent pull out or settlement, and with cast iron cover/lid assembly. There shall be two solid brass or stainless-steel terminals within each box. Boxes shall be located within 18" of the hydrant barrel or direct buried gate valve box and shall be flush with the finished ground and turf. Only one tracer box per hydrant unit location is required.

At gate valve manholes the Contractor shall leave sufficient slack in the wire to allow the wire to reach 3 feet above the manhole casting. The wire shall be secured to the manhole wall with three (3/16") redhead stainless steel anchors and washers.

Water main tracer wire and access boxes shall be incidental to water main installation with no direct compensation being made therefore.

### Disinfection Of Water Mains

The provisions of CEAM 2611.3E are hereby supplemented and amended by the following:

The Contractor shall disinfect the installed water main and test to meet water quality requirements. The disinfection period shall be a minimum 24 hours of chlorine contact time with at least 50ppm available chlorine, with a residual of at least 10ppm throughout the main at the end of the 24hr period. The new water main shall be disinfected before being placed in service as per the requirements of AWWA C651-99. During the water main installation, the Contractor shall place in the pipe sufficient chlorine granules or tablets to develop 50 mg/l of free chlorine. Disinfection shall be with the appropriate dose of calcium hypochlorite (65% available chlorine by weight), in granular or 5-gram tablet form. During construction, granules shall be placed at the upstream end of the first section of pipe and at 500 ft intervals. Fourteen ounces of granules for 8" diameter pipe per location and twenty-two ounces of granules for 10" diameter pipe per location. During construction, tablets shall be placed in each section of pipe and also one such tablet shall be placed in each hydrant branch. Tablets shall be attached to the top of the pipe by an adhesive such as Permatex No.1 or approved equal. There

shall be no adhesive on the tablet except on the broad side attached to the pipe. Four (4) tablets per 20' section of 8" diameter pipe and six (6) tablets per 20' section of 10" diameter pipe.

The Contractor shall furnish all materials and perform the disinfecting and testing as necessary to meet the water quality requirements.

### Hydrostatic Testing Of Water Mains

The provisions of CEAM 2611.3G are hereby supplemented and amended by the following:

The new water main shall be pressure tested before being placed in service as per the requirements of the Standard Specifications Continuity Water Main 2611.3G. The Contractor shall pay particular attention to the requirements for hydrostatic testing. When allowed, the leakage test shall be performed in accordance with AWWA C-605-94 (PVC); Section 7.3.

### Water Main Tracer Wire Testing

All new tracer wire installations shall be located using typical low frequency (512Hz) line tracing equipment, witnessed by the Contractor, Engineer and Water Department as applicable, prior to acceptance.

This verification shall be performed at any time prior to completion of temporary bituminous surfacing. If the wire does not pass, the break in the circuit shall be located and tested until the tracer wire works in accordance with its intended use. Continuity testing in lieu of actual line tracing shall not be accepted.

### Connection To Existing Water Mains

The Contractor shall notify the Engineer a minimum of two working days prior to connecting to or tying into any existing main.

No connection to any existing water main shall be made without an authorized representative of the Water Department present.

Operation of any existing water main gate valves shall be done only by or under the supervision of an authorized water department representative.

### Pipe Backfilling Operations

The provisions of the pipe backfilling operations are hereby supplemented by the following:

The Contractor shall utilize suitable existing soils and shall be responsible for obtaining the soil mixture and moisture content necessary to meet the appropriate density requirement regardless of the original soil moisture content. Backfill under existing or proposed roadbeds or other pavements shall be compacted to 100% of standard proctor density (AASHTO T99). Backfill in other locations shall be compacted to meet 95% of standard proctor density (AASHTO T99).

Air tamper and rammer-type tampers will be required for initial backfilling operations.

### Cement Soil Correction

Cement Soil Correction shall be in accordance with the applicable provisions of MnDOT Specification 2105 and paid for at the applicable unit price except as modified by the following:

“Cement to Treat Subgrade/Trench (If Needed)” shall consist of the Contractor’s furnishing, placing, and mixing Portland Cement Type I in order to modify the soil and to establish a working platform for subsequent construction at locations as directed by the Engineer. This work will occur during the completion of trench back filling at the locations of extremely soft or yielding trench/subgrade conditions. Use of cement must be approved by the Engineer and will only be approved when, in the Engineers opinion, drying options need to be expedited. The Contractor is still required to utilize suitable existing soils and shall be responsible for obtaining the soil mixture and moisture content necessary to meet the appropriate density requirement regardless of the original soil content. All unsuitable non-uniform areas (too wet) shall be corrected immediately by scarifying the areas affected, adding or removing material as required and reshaping and re-compacting and rolling or other forms of compaction as applicable.

Application of cement shall be as specified herein.

Moisture content can typically be adjusted to optimum by blending about 6% cement (by dry weight soil), adjust mixture as necessary with approval of the Engineer, spreading by approved methods, spreading at rates approved by the Engineer, do not apply when wind conditions are, in the opinion of the Engineer, such to be objectionable to traffic, or adjacent property owners.

Cement will typically absorb an equal weight of water in 30 minutes. Application of cement results in an immediate drying effect.

Remove soft and unworkable material from the trench, shape the trench to receive treated soil/cement mixer and rip or otherwise scarify the bottom to receive cement for treatment in the trench during trench backfilling operations. Mixing and compaction shall be completed within 9” lifts. Mixing and compaction should take place within a period of two hours. Thoroughly mix soil/ cement with approved backhoe bucket teeth or blade scarifying of other Engineer-approved equipment. Do not add water. Continue mixing until, in the opinion of the Engineer, a homogeneous friable mixture of the soil and additive is obtained. Mixture is to be free of clods of lumps. Throughout the operation, the shape of the course, or the elevation of the lift in the trench, shall be maintained by blading or other approved procedures, and the (upper/last) surface upon completion shall be smooth and in conformity with the typical section shown on the plans and to the established lines and grades. Terminate blading within 2 hours after blending the cement.

Compaction of the mixture shall begin immediately after mixing and be completed within 2 hours. Compaction shall be obtained with the use of a large self-propelled sheepsfoot compaction equipment, Engineer-approved. Compaction shall begin at the bottom of the mixture lift and shall continue until the entire lift depth of the mixture is uniformly compacted. Maintain in a smooth condition, free from undulations and ruts, until the aggregate material is placed thereon or the work is accepted.

Compaction Requirements shall be as specified in “Pipe Backfilling Operations”. After each section is completed, tests as necessary will be made by the Engineer. In addition to the specific requirements for compaction included herein, the material shall be treated and compacted to the extent necessary to remain firm and stable under construction equipment. If the material fails to meet the density requirements, the Engineer may require it to be reworked as necessary to meet those requirements or require the Contractor to change the construction method to obtain the required density in the next session. Should the material, due to any reason or cause other than rainfall, lose the required stability, density, and finish before the next course is placed or

the work is accepted, it shall be reprocessed, re-compacted, and refinished at the sole expense of the Contractor. Reprocessing shall follow the same pattern as the initial stabilization including the additional cement.

Portland cement Type I shall meet the requirements of MnDOT Specification 3101. Portland cement material will be measured by weight in tons, dry weight. Weight tickets shall be from a certified scale. Cement material will be measured by weight in tons of the actual cement satisfactorily supplied, placed, and mixed.

Payment for “Cement to Treat Subgrade/Trench (If Needed)” at the contract bid price per ton (TON) will be compensation in full for all costs of preparing the trench subgrade backfill material for placement of the cement; furnishing and placing the cement; compaction of the treated soil in lifts and levelling to the appropriate grade and cross-section. There will be no additional compensation for any re-handling of backfill material.

## S-37.8 WATER MAIN FITTINGS

Fittings shall be mechanical joint ductile iron fittings with a 200-psi pressure rating. They shall meet the requirements of AWWA C110 “fully body” fittings with the joints meeting the requirements of AWWA C111. Fittings shall be cement-lined per AWWA C104. Compact fittings will not be allowed. Ductile iron fittings shall be measured by the pound without joint accessories including joint retainer glands.

4-inch through 12-inch diameter retainer glands shall be “Megalug” retainer glands Series 2000PV; Star Pipe Products “Allgrip” Series 4000 Restraint or approved equal gland. The furnishing and installation of retainer glands is incidental to construction with no direct compensation being made. Retainer glands are not required on repair sleeves.

Pipe Joint Harness - 6-inch diameter pipe joint restraint harness shall be Megalug Series 1500, Uni-Flange Series 1350 or approved equal restraint harness. Harness rods and nuts shall be stainless steel. Foster adaptors are not allowed.

T bolts and nuts used for all mechanical joint fittings shall be per ANIS/ AWWA C111 / A21.11, 304 stainless steel, T-bolt alloy shall be ASTM F593 and hex nut alloy per ASTM F594. Bolts shall be of sufficient length to accommodate City supplied anti-corrosion caps. Nuts shall be fluoropolymer coated to prevent galling. Anti-seizure lubricant is also required at installation.

The City shall supply anti-corrosion caps” Mars Zinc Caps” for the Contractor’s installation over bolt ends adjacent to the nut on all fittings, retaining glands, and restraining glands. Installation shall be on each bolt. Zinc caps are installed in addition to the bolts and nuts supplied by the Contractor.

Retaining glands with gaskets, restraining glands and masonry blocking are to be supplied by the Contractor.

Fittings and all valves shall be polyethylene encased. Polyethylene encasement shall be as specified in 2611.2E and 2611.3A5 of the CEAM Water Main Installation Specifications. 8 mil or double wrap of 4 mil polyethylene is allowed. The furnishing and installation of polyethylene encasement material is incidental to construction with no direct compensation being made.

If directed existing or temporarily installed ductile iron plug, cap or bend fittings shall be salvaged by the Contractor on subsequent phases of water main work. Salvaging shall consist of the Contractor’s careful removal of the temporarily installed fitting and on-site storing for the Water Department’s retrieval or the

Contractor's subsequent use at other locations on the project. Salvaging of temporary plug, cap or bend fittings is incidental to installation of the fittings.

**S-38 (2621) SANITARY SEWER AND STORM SEWER INSTALLATION**

The provisions for 2621 are hereby supplemented by the following:

**Unknown Drainage Pipes**

It is reasonable for the Contractor to expect to encounter undocumented drainage lines throughout his or her work on this project. All drainage lines must be perpetuated.

Any storm sewer pipes or field tiles encountered during and conflicting with construction which were not indicated on the plan sheets shall be removed and replaced as follows:

- A. 4" to 12" pipe shall be replaced with corrugated polyethylene tubing of the same size removed meeting the provisions of MnDOT Specification 3278. Payment for the replacement type shall be at the applicable unit price per linear foot of corrugated polyethylene tubing. At the discretion of the Engineer, other contract pipe items may be substituted for corrugated tubing. Payment for the substituted pipes will be at its contract price.
- B. The method of connecting the replacement tubing or pipe to the existing pipe shall be approved by the Engineer. Each connection made to the existing pipe shall be paid at the applicable unit price per each replacement connection. Payment will be for connections made on the pipes not indicated or shown on the plan sheets.

**Bypass Pumping Sewer Flows**

The Contractor shall supply all equipment, material, and labour necessary for division bypass pumping of sanitary sewer flows for work.

The Contractor shall provide the necessary size pump.

Bypass pumping sewer flows shall be incidental with no direct compensation being made.

**S-38.1 SANITARY SEWER INSTALLATION - MANHOLE**

Standard 48" Sanitary Manhole, (7'-10' depth with floating casting) (w/CI Adj 3") designation shall be for manholes with 48" inside diameter, precast sections, tongue, and groove joints with rubber manhole gaskets, and integral bases with gasketed, flexible, watertight connections.

Manhole joint gaskets shall meet the requirements of ASTM C433. No brick construction shall be allowed. Lift hoes and manhole steps are not permitted. Standard 48" sanitary manhole designation shall be for manholes with 48" inside diameter up to 10' in depth as measured from the lowest pipe invert which does include the height of casting and adjusting rings. Work shall include placement of the new pipe through the new manhole, gasketed, flexible, watertight connections.

Measurement and payment shall be for each unit completed and installed and shall include compensation for furnishing and installing all precast items, the required casting and miscellaneous mortar and mastic material.

**Extra-Depth Manhole**

Extra-depth manhole shall be 48” inside diameter and shall be for depths greater than 10’ as measured from the lowest pipe invert, which does include the height of casting and adjusting rings.

Measurement and payment shall be per linear foot for the extra manhole barrel completed and installed and shall include compensation for furnishing and installing all precast items and miscellaneous mortar and mastic material.

### S-38.2 4” SANITARY SERVICE CONNECTION

Existing sanitary sewer services shall be connected to the new PVC SDR 35 main with polyvinyl chloride pipe (PVC) SDR 35 of the same size as the existing pipe. Connection to the existing sewer service pipe shall be with approved clay to PVC/PVC to clay flexible rubber connection, “sac-crete”, or equal mortar encasement and if needed appropriate PVC bends. Connection to the new sanitary sewer main shall be with the appropriate size saddle or wye fitting. Payment for sewer service removal and replacement pipe shall be at the applicable unit price per linear foot. Clay to PVC/PVC to clay flexible rubber connector, “sac-crete”, or equal mortar encasement, appropriate PVC bends, wye saddle fittings, and all work necessary to make the connection between the existing sewer service pipe and new main pipe will be paid as per one total connection.

### S-38.3 4” PVC SANITARY SEWER SERVICE (SDR 35) AND 8” PVC SANITARY SEWER (SDR 35)

#### Pipe and Joint Material

Pipe and joint materials shall conform to the following requirements:

<u>Pipe Description</u>	<u>Class or Type</u>	<u>Specification</u>	<u>Joints</u>
Polyvinyl Chloride “PVC”	SDR 35	ASTM D-3034	Manufacturer’s Recommendation

Ribbed PVC pipe will not be allowed.

PVC pipe shall be stored per Manufacturer’s recommendations and only PVC pipe manufactured within the last 18 months shall be supplied to the City.

Ductile Iron Pipe shall be wrapped with tube from polyethylene encasement material meeting the requirement of CEAM 2611.2E, eight (8) mil film thickness.

#### Fittings

Fittings shall be polyvinyl chloride meeting the requirements of ASTM D-3034. Saddle fittings are required for SDR 188 and Ductile Iron pipe.

#### Mortar

Mortar shall be a quick set non-shrink type approved by the Engineer.

## Installation Of Sewer Pipe

- A. The Contractor shall use laser equipment to set pipe grade and alignment. The Contractor shall check the grades at a frequency not exceeding 50'. The Contractor shall provide competent workmen to operate the laser equipment.
  
- B. Where new pipe (water main or sewer) is to be placed under existing pipes (water, sanitary, or storm sewer) and the plans call for the existing pipe to remain undisturbed, the Contractor shall hand tunnel for a short distance (5" maximum length) under the existing pipe and, if needed, brace and support the length of exposed existing pipe. Support shall be with a system of beams perpendicular to the trench (wood or steel) and vertical strapping, ropes, and/or cables. Tunnel excavation shall remove the minimal amount of supporting soil as possible. After installation of the new pipe through the tunnel section, any remaining voids shall be filled with lean mix backfill, a separate bid item. Lean mix backfill shall be limited to the areas confined by the trench side walls and the Contractor's initial backfill of the length of trench within 2' O>D> of the overlaying pipe and to the height of the overlaying pipe midpoint.

## Hydrostatic Testing of Sanitary Mains

The provision of CEAM 2611.3G is hereby supplemented and amended by the following:

New SDR 35 sanitary sewer main shall be pressure tested before being placed in service as per the requirements of the Standard Specification Continuity Water Main 2611.3G. The Contractor shall pay particular attention to the requirements for hydrostatic testing. When allowed, the leakage test shall be performed in accordance with AWWA C-605-94 (PVC); Section 7.3.

## Jet Clean Sanitary Sewer Main

The Contractor shall jet clean the newly installed 8" on E 9<sup>th</sup> Avenue Sanitary Construction. The main shall be cleaned as final operation after completion of pavement restoration on E 9<sup>th</sup> Avenue. The Contractor will be required to clean the main within ten (10) working days of the restoration.

The material removed by jet cleaning shall be caught and removed at downstream manholes. The cleaning nozzle shall be equipped with skids for the appropriate size to ensure complete circumference cleaning. Pressure at the cleaning nozzle shall have a minimum of 2000 psi and flowrate of not less than 80 gpm. Water may be taken from a city fire hydrant per the City of Worthington Water Department water usage policy. Disposal of the removed grit and other debris shall be the responsibility of the Contractor and shall be to an approved landfill. Disposal shall be in accordance with all Federal, State, and local disposal regulations.

Payment shall be on lump sum basis per Schedule.

## Televise Sanitary Sewer Main

The Contractor shall televise the newly installed 8" on E 9<sup>th</sup> Avenue Sanitary Construction. The main shall be cleaned prior to televising. The Contractor will be required to televise the main within ten (10) working days of the main cleaning.

Televising cameras shall be pan-tilt type for viewing at service wyes and taps. Televising may be with winch, cable, skid mounted camera or self-propelled mounted camera. Any main stringing shall be by the Contractor. The Contractor shall perform any sanitary bypass pumping as needed throughout the televising operation. Televising equipment shall be maintained and operated to provide all equipment needed to access sanitary sewer manholes. The Contractor shall provide two written logs; and two video recordings of televised mains. Video recordings shall include on-screen distance counters and audio descriptions of the televising. Video recordings shall be capable of providing a clear picture capable of being used to identify apparent sewer pipe or joint defects. The Contractor shall provide a video format recording approved by the Engineer.

The written log shall include the minimum information:

- a) Date and time of the televising per segment, street location, and intersecting street-to-street segment.
- b) Main pipe size, pipe laying lengths, pipe type, televising direction (upstream from or downstream from).
- c) Description of service connection (tap or wye), size of connection, connection distance location and orientation in the main pipe based on clock face coordinates.
- d) If any defect, description and size, percentage, or other quantity or magnitude description of defect.
- e) Summary statement of pipe condition per televised segment.
- f) Log index of street location, intersection street-to-street segment, and corresponding log book pages.
- g) Definitions appendix of terms used in describing televising.

The final written log and video recordings shall be delivered to the City. Payment shall be on lump sum basis.

## **S-39 (3137) COARSE AGGREGATE FOR PORTLAND CEMENT CONCRETE**

The provisions of MnDOT 3137 are hereby modified as follows:

The coarse aggregate shall contain one hundred percent (100%) of Class A material as specified in MnDOT Specification 3137.

The coarse aggregate designation shall be #1 - ASTM #467.

## **S-40 (3138) AGGREGATE FOR SURFACE AND BASE COURSES**

The provisions of MnDOT 3138 are hereby modified as follows:

Class 5 aggregate base material shall be a virgin aggregate composition except as allowed in the following:

Crushed concrete, blended with virgin aggregates may be used provided that at least 95% of the crushed concrete aggregate particles are retained on the 4.75 mm (# 4) sieve. The blended aggregate base must meet the gradation requirements of Class 5 modified aggregate, as applicable. The source of crushed concrete shall be Portland cement concrete pavement and/or other concrete structural elements. Blending of the virgin and crushed concrete aggregates shall be done during production. The final product shall consist of a uniform blend of all the composite materials.

## **S-41 (3149) GRANULAR MATERIAL**

The provisions of 3149 are hereby amended by the following:

The provisions of 3149.2C are hereby deleted and stabilizing aggregate shall meet the provisions of a MnDOT ASTM #67 coarse concrete aggregate designation.

The provisions of 3149.2E are hereby deleted and aggregate backfill shall meet the requirements of Class 5 aggregate.

## **S-42 (3733) GEOSYNTHETIC MATERIALS**

The provisions of MnDOT 3733 are hereby supplemented or amended by the following:

Geotextile fabric for placement under aggregate base shall be Type IV modified, non-woven, with permittivity of 0.7 per sec. Fabric weight shall be a minimum of 8 ounces per square yard.

## **S-43 MANHOLE AND CATCH BASIN CLEANUP**

The Contractor shall keep all sanitary and storm sewer manholes, catch basins and sewers clean of construction debris (dirt, gravel, etc.). The Contractor is required to clean manholes, catch basins, and sewers immediately following any operation that may accidentally deposit debris in manholes, catch basins or sewers. Should the Contractor fail to clean the manholes, catch basins or sewers the City will clean any such manhole, catch basin or sewer as it deems necessary and deduct the cost of cleaning from monies due to the Contractor.

## **S-44 FINAL CLEANUP**

Final cleanup operations shall include, but not be limited to, power or hand brooming, hand shovelling, raking or any necessary work to remove dirt, mud and/or aggregate debris from the work area. Final clean-up shall be performed in a timely manner as each schedule of work is completed. Final clean-up shall be performed within five working days of pavement restoration completion. Should the Contractor fail to perform the final clean-up as required, the City will deduct from the Contractors' monies the cost of cleaning.

## **EROSION CONTROL PLAN**

**This plan covers the work on this contract.**

Application for permit has been made by the owner to the applicable watershed district.

Erosion control (Storm Water Management and Controlling Erosion and Establishing Vegetation) shall be performed immediately prior to, during and after construction as directed by the Engineer. Fulfillment of erosion control criteria shall be on a per-schedule basis.

The Contractor is responsible for controlling erosion and sedimentation during the construction activities, maintaining the erosion control devices, conducting the required erosion control inspections, and maintaining the permit inspection log.

### **PRIOR TO AND DURING CONSTRUCTION**

Stormwater management prior to and during construction shall be placed, measured and paid for in accordance with the provisions of MnDOT Specifications 2573 as supplemented or amended by the following:

Contractor's Erosion Control Supervision shall be incidental with no direct payment being made.

Prior to any removals, excavation, curb, sidewalk or ADA ramp work, the Contractor shall install "Storm Drain Inlet Protection" devices at existing catch basins and intakes. Storm drain inlet protection devices shall be only MnDOT-approved types per specification 2573. Inlet protection devices shall be maintained throughout removal, aggregate base construction, curb and concrete pavement construction and ADA ramp work and until such time as the turf establishment work is completed and accepted.

Prior to and during pavement prep work, cleanup operations and bituminous overlay placement the Contractor shall temporarily replace ADA ramp work storm drain inlet protection devices and in lieu place Geotextile Type IV modified fabric in/under catch basin castings. Overflow shall be provided. Fabric shall be removed upon completion of the bituminous overlay work and ADA ramp work storm drain inlet protection devices shall be reinstalled.

The Contractor is responsible for ensuring paved streets are clean at the end of each working day or more often as necessary to provide safety to the travelling public. Tracked sediment on paved surfaces must be removed by the Contractor within 24 hours of discovery, in accordance with 1717.2.

Temporary soil stockpiles must have effective sediment controls, and cannot be placed in surface waters, including curb and gutter unless there is a bypass (gap or pipe) in place for the stormwater. Temporary soil stockpile perimeters shall be controlled during non-working hours.

Pick up type power brooms or other equipment intended to minimize dust are required as necessary to control dust in the cleanup of general debris. Water is required for use in debris pick up. Clean up water is incidental to brooming with no direct compensation made. Conventional power brooms without dry dust control will not be allowed at any time nuisance dust conditions will develop

During the work, no trench or excavation discharge water will be allowed to be discharged directly to any surface waters or storm sewer system.

All liquids and solid wastes generated by concrete washout operations must be contained and not have the opportunity to come in contact with the surface waters or ground water. This includes the ditches, slopes to ditches, curb and gutter/ storm sewer systems, and ponds. Areas where there are sandy soils, karsts, and high ground water the washout facility must have an impermeable liner. Liquid and solid wastes must be disposed of properly. A concrete washout sign must be installed adjacent to each washout facility to notify personnel. The washout facilities shall be located within ten (10) minute travel time of job site. The washout facility maybe inspected as needed to ensure compliance with this provision.

Concrete paving equipment maybe washed on site as long as the Minnesota Pollution Control Agency (MPCA) "Concrete Washout Guidance" requirements are fulfilled. When possible, paving equipment should be washed off over graveled areas to be paved the following day. When wash off on hard surfaces is necessary the area should be bermed with sand or gravel and lined with polyethylene material to contain the water. A wash off water storage volume of 500 to 1,000 gallons is suggested.

Concrete Slurry Management. Concrete joint sawing slurry shall be controlled, contained and treated by the Contractor. Control and containment maybe obtained with sand/gravel berms with 8 mil polyethylene material and vacuum removal. Treatment maybe with floc logs or socks, CO<sub>2</sub> aeration and/or disposal at an approved facility. BMP products for erosion control are not considered sufficient for concrete slurry control and containment.

Washout - off water and concrete slurry water shall be contained and treated to a PH level of 7 before reuse and/or disposal.

Until final stabilization has achieved a vegetative cover with a density of 70%, the Contractor shall maintain all temporary erosion control devices (inlet protection) after each storm event.

Until final stabilization has been achieved, the Contractor shall 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.

All materials used for temporary erosion control (erosion control logs, culvert protection controls and inlet protection devices) shall be removed by the Contractor after final acceptance of the turf restoration growth or for any other Engineer approved reason to relieve the Contractor of his responsibility.

## **RAPID AND FINAL STABILIZATION**

The Contractor shall maintain all disturbed turf areas as specified in the Special Provisions, Storm Water Management and Controlling Erosion and Establishing Vegetation section of these specifications.

Erosion control during and after construction shall be placed, measured and paid for in accordance with the provisions of MnDOT Specification 2573 and 2575 as supplemented or amended by the following:

All exposed soil areas must be stabilized no later than seven (7) calendar days after the construction activity in that portion of the site has temporarily or permanently ceased.

Rapid Stabilization Method BFM work shall be performed on disturbed turf areas. Rapid stabilization Method BFM work shall consist of a 4' nominal width adjacent to new pedestrian curb ramp locations immediately adjacent to new ADA ramp sidewalk, B6 and V curb locations or as directed by the Engineer.

Water for BFM Turf Maintenance will be as directed by the Engineer to establish turf. Approval to use water must be requested one working day in advance. Water will be for maintenance of areas of Rapid Stabilization Method BFM.

Final turf establishment may be performed under traffic conditions.

Rapid Stabilization providing final turf stabilization/restoration (Method BFM) shall be accept when areas are in a normal healthy growing condition.



EXISTING TOPOGRAPHIC SYMBOLS

	ACCESS GRATE		REGULATION STATION GAS
	AIR CONDITION UNIT		SATELLITE DISH
	ANTENNA		SIGN NON TRAFFIC
	AUTO SPRINKLER CONNECTION		SIGN TRAFFIC
	BARRICADE PERMANENT		SIGNAL CONTROL CABINET
	BASKETBALL POST		SOIL BORING
	BENCH		SIREN
	BIRD FEEDER		TELEPHONE BOOTH
	BOLLARD		TILE INLET
	BUSH		TILE OUTLET
	CATCH BASIN RECTANGULAR CASTING		TILE RISER
	CATCH BASIN CIRCULAR CASTING		TRANSFORMER-ELECTRIC
	CURB STOP		TREE-CONIFEROUS
	CLEAN OUT		TREE-DEAD
	CULVERT END		TREE-DECIDUOUS
	DRINKING FOUNTAIN		TREE STUMP
	DOWN SPOUT		TRAFFIC ARM BARRIER
	FILL PIPE		TRAFFIC SIGNAL
	FIRE HYDRANT		TRASH CAN
	FLAG POLE		UTILITY MARKER
	FLARED END / APRON		VALVE
	FUEL PUMP		VALVE POST INDICATOR
	GRILL		VALVE VAULT
	GUY WIRE ANCHOR		VAULT
	HANDHOLE		VENT PIPE
	HANDICAP SPACE		WATER SPIGOT
	IRRIGATION SPRINKLER HEAD		WELL
	IRRIGATION VALVE BOX		WETLAND DELINEATED MARKER
	LIFT STATION CONTROL PANEL		WETLAND
	LIFT STATION		WET WELL
	LIGHT ON POLE		YARD HYDRANT
	LIGHT-GROUND		
	MAILBOX		

PROPOSED TOPOGRAPHIC SYMBOLS

	CLEANOUT
	MANHOLE
	LIFT STATION
	STORM SEWER CIRCULAR CASTING
	STORM SEWER RECTANGULAR CASTING
	STORM SEWER FLARED END / APRON
	STORM SEWER OUTLET STRUCTURE
	STORM SEWER OVERFLOW STRUCTURE
	CURB BOX
	FIRE HYDRANT
	WATER VALVE
	WATER REDUCER
	WATER BEND
	WATER TEE
	WATER CROSS
	WATER SLEEVE
	WATER CAP / PLUG
	RIP RAP
	DRAINAGE FLOW
	TRAFFIC SIGNS

SURVEY SYMBOLS

	BENCHMARK LOCATION		CAST IRON MONUMENT
	CONTROL POINT		STONE MONUMENT
	MONUMENT FOUND		

EXISTING TOPOGRAPHIC LINES

	RETAINING WALL
	FENCE
	FENCE-DECORATIVE
	GUARD RAIL
	TREE LINE
	BUSH LINE

SURVEY LINES

	CONTROLLED ACCESS
	BOUNDARY
	CENTERLINE
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	EXISTING LOT LINE
	PROPOSED LOT LINE
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	SETBACK LINE
	SECTION LINE
	QUARTER LINE
	SIXTEENTH LINE
	TEMPORARY EASEMENT

EXISTING UTILITY LINES

	FORCEMAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER
	STORM SEWER DRAIN TILE
	WATERMAIN
	WATER SERVICE

PROPOSED UTILITY LINES

	FORCEMAIN
	SANITARY SEWER
	SANITARY SERVICE
	STORM SEWER
	STORM SEWER DRAIN TILE
	WATERMAIN
	WATER SERVICE
	PIPE CASING
	TRENCHLESS PIPE (PLAN VIEW)
	TRENCHLESS PIPE (PROFILE VIEW)

GRADING INFORMATION

	EXISTING CONTOUR MINOR
	EXISTING CONTOUR MAJOR
	PROPOSED CONTOUR MINOR
	PROPOSED CONTOUR MAJOR
	PROPOSED GRADING LIMITS / SLOPE LIMITS
	PROJECT LIMITS
	PROPOSED SPOT ELEVATION
	RISE:RUN (SLOPE)

HATCH PATTERNS

	BITUMINOUS		GRAVEL
	CONCRETE		

EXISTING PRIVATE UTILITY LINES

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.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D UNLESS OTHERWISE NOTED. THIS UTILITY 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"

	UNDERGROUND FIBER OPTIC
	UNDERGROUND ELECTRIC
	UNDERGROUND GAS
	UNDERGROUND COMMUNICATION
	OVERHEAD ELECTRIC
	OVERHEAD COMMUNICATION
	OVERHEAD UTILITY

UTILITIES IDENTIFIED WITH A QUALITY LEVEL :

LINE TYPES FOLLOW THE FORMAT: UTILITY TYPE - QUALITY LEVEL  
EXAMPLE: UNDERGROUND GAS, QUALITY LEVEL A  
UTILITY QUALITY LEVEL (A,B,C,D) DEFINITIONS CAN BE FOUND IN CI/ASCE 38-02.

UTILITY QUALITY LEVELS:

QUALITY LEVEL D: PROVIDES THE MOST BASIC LEVEL OF INFORMATION. IT INVOLVES COLLECTING DATA FROM EXISTING UTILITY RECORDS. RECORDS MAY INCLUDE AS-BUILT DRAWINGS, DISTRIBUTION AND SERVICES MAPS, EXISTING GEOGRAPHIC INFORMATION SYSTEM DATABASES, CONSTRUCTION PLANS, ETC.

QUALITY LEVEL C: INVOLVES SURVEYING VISIBLE SUBSURFACE UTILITY STRUCTURES SUCH AS MANHOLES, HAND-HOLES, UTILITY VALVES AND METERS, FIRE HYDRANTS, PEDESTALS AND UTILITY MARKERS, AND THEN CORRELATING THE INFORMATION WITH EXISTING UTILITY RECORDS TO CREATE COMPOSITE DRAWINGS. INCLUDES QUALITY LEVEL D ACTIVITIES.

QUALITY LEVEL B: INVOLVES DESIGNATING THE HORIZONTAL POSITION OF SUBSURFACE UTILITIES THROUGH SURFACE DETECTION METHODS AND COLLECTING THE INFORMATION THROUGH A SURVEY METHOD. INCLUDES QUALITY LEVEL C AND D TASKS.

QUALITY LEVEL A: PROVIDES THE HIGHEST LEVEL OF ACCURACY. IT INVOLVES LOCATING OR POTHOLING UTILITIES AS WELL AS ACTIVITIES IN QUALITY LEVELS B, C, AND D. THE LOCATED FACILITY INFORMATION IS SURVEYED AND MAPPED AND THE DATA PROVIDES PRECISE PLAN AND PROFILE INFORMATION.

ABBREVIATIONS

A	ALGEBRAIC DIFFERENCE	GRAV	GRAVEL	RSC	RIGID STEEL CONDUIT
ADJ	ADJUST	GU	GUTTER	RT	RIGHT
ALT	ALTERNATE	GV	GATE VALVE	SAN	SANITARY SEWER
B-B	BACK TO BACK	HDPE	HIGH DENSITY POLYETHYLENE	SCH	SCHEDULE
BIT	BITUMINOUS	HH	HANDHOLE	SERV	SERVICE
BLDG	BUILDING	HP	HIGH POINT	SHLD	SHOULDER
BMP	BEST MANAGEMENT PRACTICE	HWL	HIGH WATER LEVEL	STA	STATION
BR	BEGIN RADIUS	HYD	HYDRANT	STD	STANDARD
BV	BUTTERFLY VALVE	I	INVERT	STM	STORM SEWER
CB	CATCH BASIN	K	CURVE COEFFICIENT	TC	TOP OF CURB
C&G	CURB AND GUTTER	L	LENGTH	TE	TEMPORARY EASEMENT
CIP	CAST IRON PIPE	LO	LOWEST OPENING	TEMP	TEMPORARY
CIPP	CURED-IN-PLACE PIPE	LP	LOW POINT	TNH	TOP NUT HYDRANT
CL	CENTER LINE	LT	LEFT	TP	TOP OF PIPE
CL	CLASS	MAX	MAXIMUM	TYP	TYPICAL
CLVT	CULVERT	MH	MANHOLE	VCP	VITRIFIED CLAY PIPE
CMP	CORRUGATED METAL PIPE	MIN	MINIMUM	VERT	VERTICAL
C.O.	CHANGE ORDER	MR	MID RADIUS	VPC	VERTICAL POINT OF CURVE
COMM	COMMUNICATION	NIC	NOT IN CONTRACT	VPI	VERTICAL POINT OF INTERSECTION
CON	CONCRETE	NMC	NON-METALLIC CONDUIT	VPT	VERTICAL POINT OF TANGENT
CSP	CORRUGATED STEEL PIPE	NTS	NOT TO SCALE	WM	WATERMAIN
DIA	DIAMETER	NWL	NORMAL WATER LEVEL		
DIP	DUCTILE IRON PIPE	OHW	ORDINARY HIGH WATER LEVEL		
DWY	DRIVEWAY	PC	POINT OF CURVE	AC	ACRES
E	EXTERNAL CURVE DISTANCE	PCC	POINT OF COMPOUND CURVE	CF	CUBIC FEET
ELEC	ELECTRIC	PE	PERMANENT EASEMENT	CV	COMPACTED VOLUME
ELEV	ELEVATION	PED	PEDESTRIAN, PEDESTAL	CY	CUBIC YARD
EOF	EMERGENCY OVERFLOW	PERF	PERFORATED PIPE	EA	EACH
ER	END RADIUS	PERM	PERMANENT	EV	EXCAVATED VOLUME
ESMT	EASEMENT	PI	POINT OF INTERSECTION	LB	POUND
EX	EXISTING	PL	PROPERTY LINE	LF	LINEAR FEET
FES	FLARED END SECTION	PRC	POINT OF REVERSE CURVE	LS	LUMP SUM
F-F	FACE TO FACE	PT	POINT OF TANGENT	LV	LOOSE VOLUME
FF	FINISHED FLOOR	PVC	POLYVINYL CHLORIDE PIPE	SF	SQUARE FEET
F&I	FURNISH AND INSTALL	PVMT	PAVEMENT	SV	STOCKPILE VOLUME
FM	FORCEMAIN	R	RADIUS	SY	SQUARE YARD
FO	FIBER OPTIC	R/W	RIGHT-OF-WAY		
F.O.	FIELD ORDER	RCP	REINFORCED CONCRETE PIPE		
GRAN	GRANULAR	RET	RETAINING		

City of Worthington, MN 2025. All Rights Reserved. A. L. BISH, PROJECT ENGINEER, LICENSE NO. 05380, AVE. WATER & SAN SEW (11th-13th) (CAD) (3D) (2D) (TITLE) LEGEND.dwg 12/31/2025 4:05:56 PM

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.

HYUNMYEONG GOO  
60671  
LIC. NO. \_\_\_\_\_ DATE \_\_\_\_\_



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 2  
www.worthington.mn.us

DESIGNED	DATE	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.			
26-05			

CITY OF WORTHINGTON, MINNESOTA  
3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
LEGEND

**GENERAL NOTES**

1. CONTRACTOR MUST ALLOW FOR ALL MATERIALS TESTING TO BE ACCOMPLISHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
2. ALL USES OF THE WORD "INCIDENTAL" IN THESE CONSTRUCTION DOCUMENTS SHALL BE CONSTRUED TO MEAN INCIDENTAL WORK FOR WHICH NO DIRECT COMPENSATION WILL BE MADE THEREFORE.

**REMOVAL NOTES**

3. THE EXACT REMOVAL LIMITS OF SIDEWALKS, DRIVEWAYS, BITUMINOUS PAVEMENT AND CURB & GUTTER WILL BE DETERMINED IN THE FIELD. ALL REMOVAL LIMIT EDGES SHALL BE SAW CUT PRIOR TO FINAL REMOVAL.
4. BMPS AND INLET PROTECTION FOR ALL EXISTING STORM SEWER INLETS SHALL BE IN PLACE PRIOR TO BEGINNING OF ANY REMOVALS.
5. ALL CONSTRUCTION RELATED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING ANY REMOVALS.
6. ALL UTILITY PIPES ABANDONED IN PLACE SHALL BE BULKHEADED ON BOTH ENDS.
7. ALL SIGNS AND MAILBOXES SHALL BE SALVAGED AND/OR REMOVED AS SHOWN ON THE REMOVAL PLANS AND REINSTALLED BY THE CONTRACTOR PRIOR TO OPENING TO TRAFFIC AS SHOWN ON THE STREET PLANS.
8. ALL SIGNS WITHIN THE CONSTRUCTION LIMITS SHALL BE SALVAGED AND/OR REMOVED AND REINSTALLED BY THE CONTRACTOR PRIOR TO OPENING TO TRAFFIC.
9. CONTRACTOR SHALL PROTECT ALL ITEMS NOT DESIGNATED FOR REMOVAL. CONTRACTOR SHALL PROTECT ALL ITEMS DESIGNATED FOR SALVAGE AND PROVIDE APPROPRIATE STORAGE UNTIL REINCORPORATED INTO THE PROJECT. DAMAGED ITEMS SHALL BE REPLACED UNLESS REPAIRS ARE APPROVED BY THE ENGINEER. SALVAGE ALL CASTINGS AND HYDRANTS, AND VALVES NOTED ON THE PLAN. DELIVER TO THE CITY IF NOT REINCORPORATED INTO THE PROJECT.
10. ALL ADJACENT BITUMINOUS AND CONCRETE SURFACES SHALL BE CLEANLY SAW CUT (FULL DEPTH) PRIOR TO REMOVAL. ADDITIONAL REMOVALS AND SAW CUTTING AS A RESULT OF THE CONTRACTOR'S FAILURE TO PROTECT THE SURFACE SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.

**EROSION NOTES**

11. ALL CATCH BASINS AND INLETS, BOTH EXISTING AND PROPOSED, SHALL HAVE INLET PROTECTION INSTALLED PRIOR TO DISTURBANCE AND REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.
12. QUANTITY FOR INLET PROTECTION IS BASED ON INLET PROTECTION NEEDED FOR EACH STRUCTURE DURING THE COURSE OF THE PROJECT.
13. THE CONTRACTOR SHALL SCHEDULE WORK DURING A PERIOD OF TIME WHEN PRECIPITATION IS NOT FORECASTED, TO THE EXTENT POSSIBLE.

**GRADING NOTES**

14. THE CONTRACTOR SHALL CONSTRUCT THE AGGREGATE BASE UNDER CONCRETE CURB & GUTTER TO 1' BEHIND BACK OF CURB AND MATCH DEPTH OF THE ADJACENT STREET SECTION.
15. COMMON EXCAVATION REQUIRED FOR CONCRETE SIDEWALK AND DRIVEWAYS SHALL BE INCLUDED IN THE UNIT PRICES BID FOR CONCRETE SIDEWALK AND DRIVEWAYS, RESPECTIVELY
16. SUITABLE GRADING MATERIAL ON THIS PROJECT SHALL CONSIST OF ALL SOILS ENCOUNTERED WITH THE EXCEPTION OF TOPSOIL, DEBRIS, ORGANIC MATERIAL, MUCK AND OTHER MATERIALS AS DETERMINED TO BE UNSUITABLE BY THE ENGINEER.
17. EXCESS EXCAVATED AND UNSUITABLE MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF MN/DOT SPEC 2105.

**SANITARY & WATER NOTES**

18. CONSTRUCT PROPOSED WATER SERVICES TO THE ROW LINE. CONNECTION TO THE EXISTING WATER SERVICE LINES SHALL BE INCIDENTAL TO THE SERVICE.
19. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL WATER SERVICES THAT ARE BEING REPLACED. IN GENERAL, THE CONTRACTOR SHALL CONSTRUCT NEW SERVICE TO MATCH THE SIZE OF THE EXISTING PIPE, (MINIMUM 1" DIAMETER WATER SERVICES).
20. AT LOCATIONS WHERE THE PROPOSED STORM CONFLICTS WITH THE 6' MINIMUM WATER SERVICE COVER, CONSTRUCT THE WATER SERVICE TO A GREATER DEPTH BELOW THE STORM PIPE LOCATION TO MAINTAIN 18-INCH SEPARATION, INCIDENTAL.
21. WATER SERVICES SHALL BE CONSTRUCTED USING TRENCHLESS TECHNIQUES. THESE SERVICES SHALL BE PAID UNDER THE UNIT PRICE(S) BID FOR TRENCHLESS WATER SERVICES. THE CONTRACTOR WILL BE ALLOWED THE OPTION TO CONSTRUCT TRENCHLESS WATER SERVICES AT OTHER LOCATIONS IN LIEU OF OPEN TRENCHING UPON APPROVAL BY THE ENGINEER. WHEN THE CONTRACTOR ELECTS TO USE TRENCHLESS WATER SERVICE INSTALLATION TECHNIQUES AT LOCATIONS NOT MANDATED IN THE PLANS, THE UNIT PRICES BID FOR OPEN TRENCHED WATER SERVICES WILL BE USED FOR CALCULATING PAYMENT.
22. WHEN IT IS NECESSARY TO CONSTRUCT CURB BOXES AND CLEANOUTS IN CONCRETE OR BITUMINOUS SURFACES, CASTING ASSEMBLIES SHALL BE EMBEDDED IN THE CONCRETE OR BITUMINOUS SURFACE OVER THE TOP OF THE CURB BOX AND CLEANOUT. THE CASTING ASSEMBLIES SHALL BE ESS BROTHERS 8" SEWER CLEANOUT CASTING, NEENAH R-1974-A, EIJIW 3680, OR APPROVED EQUAL. THE CASTING ASSEMBLY SHALL BE SET 0.02' BELOW CONCRETE SURFACES AND 0.05' BELOW BITUMINOUS SURFACES.
23. THE CONTRACTOR SHALL COMPLETE A SERVICE RECORD FORM FOR EVERY NEW SERVICE CONSTRUCTED. A BLANK FORM WILL BE PROVIDED TO THE CONTRACTOR FOR HIS USE AND REPRODUCTION. THE COMPLETED FORMS AND DIGITAL PHOTOS SHALL BE SUBMITTED TO THE ENGINEER AS SPECIFIED.
24. WATER AND SANITARY SERVICE PIPE SHALL BE REMOVED TO SERVICE INSTALLATION LIMITS. REMOVAL OF EXISTING SERVICE PIPES AND CURB STOPS SHALL BE CONSIDERED INCIDENTAL TO NEW SERVICE INSTALLATION. ABANDONED SERVICES WHERE NO NEW SERVICES ARE TO BE INSTALLED (DESIGNATED ON THE PLANS OR FIELD DETERMINED) SHALL HAVE THE EXISTING CURB STOP REMOVED, REMOVED TO THE CORP, AND BE CONSIDERED INCIDENTAL.
25. THE CONTRACTOR SHALL VERIFY PROPOSED ELEVATION OF EACH HYDRANT IN THE FIELD SO THAT THE BURY LINE ON THE HYDRANT MATCHES THE FINAL GRADE. FURNISH AND INSTALL VERTICAL BEND(S) AS REQUIRED TO ACHIEVE THE PROPER BURY DEPTH.
26. ALL ADJUSTMENTS FOR NEW MANHOLES (SPECIAL), CATCH BASINS, AND GATE VALVES SHALL BE INCLUDED IN THE PRICE BID FOR THAT RESPECTIVE ITEM.
27. THE EXISTING UTILITIES IN PLAN AND PROFILE VIEWS ARE SHOWN IN THEIR APPROXIMATE LOCATION ONLY. IT IS NOT GUARANTEED THAT ANY OR ALL EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, PRIOR TO COMMENCING WORK AND PROTECTING THE EXISTING UTILITY UNLESS OTHERWISE NOTED ON THE PLAN OR DIRECTED BY THE ENGINEER OR OWNER OF THE SUBJECT UTILITY.
28. THE CONTRACTOR SHALL CONSTRUCT A CONCRETE PLUG AT ABANDONED PIPE ENDS (INCIDENTAL).
29. COORDINATE WITH UTILITY OWNER TO RELOCATE OR PROTECT PRIVATE UTILITIES AS NECESSARY FOR UTILITY AND STREET CONSTRUCTION (INCIDENTAL).
30. REFER TO PROJECT SPECIFICATIONS FOR STRUCTURE CASTING FRAME & COVER REQUIREMENTS.  
ALL CORPERATION STOPS MUST BE INSTALLED VIA WET TAP. NO DRY TAPPING WILL BE ALLOWED

**STREET NOTES**

31. MANHOLE COVERS IN BITUMINOUS SURFACES SHALL BE SET 0.02' BELOW FINISHED GRADE.
32. PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOSE SHOWN ON THE TYPICAL SECTIONS
33. PROVIDE FOR A SAW-CUT WHERE PLACING NEW PAVEMENT IS INSTALLED ADJACENT TO EXISTING PAVEMENT.
34. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH UTILITY OWNERS TO RELOCATE AND PROTECT PRIVATE UTILITIES AS NECESSARY TO CONSTRUCT STREET AND UTILITIES.

**TRAFFIC CONTROL NOTES**

35. ADVANCED NOTIFICATION SIGNAGE WITH A SCHEDULED START DATE IS REQUIRED TO BE PLACED AT EACH END OF THE STREET 7 DAYS PRIOR TO THE START OF PAVEMENT REMOVAL OR ANY SUBSTANTIAL WORK. ONCE THE SIGNAGE IS IN PLACE, THE SCHEDULE MUST BE MAINTAINED FOR THAT STREET/AVENUE BLOCK. THIS APPLIES TO ALL WORK INCLUDING THE MAIN PROJECT AREA, SPOT SIDEWALK WORK AND SANITARY LINING.
36. THE CONTRACTOR SHALL PROVIDE ACCESS FOR RESIDENTS, BUSINESSES, AND DELIVERY PERSONNEL DURING CONSTRUCTION.
37. CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION), INCLUDING THE "FIELD MANUAL FOR TEMPORARY TRAFFIC ZONE LAYOUTS".
38. ALL TRAFFIC CONTROL DEVICES SHALL HAVE RETROREFLECTIVE SHEETING.
39. ALL TYPE 3 BARRICADES AND SIGNS SHALL HAVE FLASHERS
40. LAYOUTS SHOWN ARE FOR TYPICAL INTERSECTION CLOSURES. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE NEEDED DEPENDING ON CONTRACTOR STAGING AND OPERATIONS.

ESTIMATED QUANTITIES				
ITEM #	ITEM DESCRIPTION	NOTES	UNIT	QUANTITY
2021.501	MOBILIZATION		LS	1
2104.602	SALVAGE & INSTALL TRAFFIC SIGN		EACH	3
2104.502	REMOVE SANITARY SEWER MANHOLE		EACH	3
2104.502	REMOVE WATER MANHOLE		EACH	1
2104.502	REMOVE WATER HYDRANT		EACH	2
2104.503	REMOVE SANITARY SEWER MAIN	4	LIN FT	675
2104.503	REMOVE EXISTING WATERMAIN (4" - 12")	4	LIN FT	1050
2104.503	REMOVE CURB AND GUTTER		LIN FT	275
2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT		SQ YD	30
2104.504	REMOVE SIDEWALK		SQ YD	185
2104.504	REMOVE CONCRETE PAVEMENT		SQ YD	1075
2106.610	EXPLORATORY EXCAVATION	2	HR	24
2211.507	SALVAGE AGGREGATE BASE (P)	1	CU YD	225
2211.507	AGGREGATE BASE (CV) CLASS 5		CU YD	275
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (2,B)		TON	300
2506.502	CASTING ASSEMBLY R-1955-1 (LABELD SANITARY-CLOSED PICK HOLES)		EACH	4
2506.502	CASTING ASSEMBLY R-1955-1 (LABELD WATER-OPEN PICK HOLES)		EACH	1
2535.503	BITUMINOUS CURB (TEMPORARY)		LIN FT	275
2535.618	BITUMINOUS WALK (TEMPORARY)		SQ FT	1665
2535.618	BITUMINOUS DRIVEWAY (TEMPORARY)		SQ FT	270
2563.501	TRAFFIC CONTROL		LS	1
2573.501	EROSION CONTROL SUPERVISOR		LS	1
2573.502	STORM DRAIN INLET PROTECTION		EACH	8
2575.504	RAPID STABILIZATION METHOD BFM		SQ YD	200
2600.518	3" INSULATION		SQ FT	256
2600.507	GRANULAR MATERIALS (LV)		CU YD	225
2611.502	INSTALL HYDRANT UNIT	3	EACH	2
2611.502	INSTALL GATE VALVE & BOX 4"	3	EACH	5
2611.502	INSTALL GATE VALVE & BOX 6"	3	EACH	3
2611.502	INSTALL 8" GATE VALVE AND CONSTRUCT MH	3, 5	EACH	1
2611.502	INSTALL 1" CURB STOP & BOX	3	EACH	11
2611.502	1" CORPERATION STOP & SADDLE	3	EACH	11
2611.502	FURNISH & INSTALL 1" WATER SERVICE (TRENCHLESS 18' - 45')	3, 4	EACH	11
2611.503	4" PVC WATERMAIN (SDR 18)	3	LIN FT	75
2611.503	6" PVC WATERMAIN (SDR 18)	3	LIN FT	85
2611.503	8" PVC WATERMAIN (SDR 18)	3	LIN FT	890
2611.508	WATERMAIN FITTINGS	3	LBS	1585
2621.502	CONSTRUCT SANITARY SEWER STRUCTURE DESIGN F	3, 6	EACH	4
2621.502	SANITARY SEWER SERVICE CONNECTION	3, 4	EACH	14
2621.503	4" PVC PIPE SEWER SDR 35	3	LIN FT	600
2621.503	8" PVC PIPE SEWER SDR 35	3	LIN FT	750

**NOTES ON ESTIMATED QUANTITIES:**

- (P) DENOTES PLAN QUANTITY
- (1) PROVIDED FOR MAINTAINING LOCAL TRAFFIC USING SALVAGED AGGREGATE MATERIALS.
- (2) EXPLORATORY EXCAVATION HOURS ARE FOR EXPLORATORY WORK REQUIRED TO LOCATE EXISTING WATER SERVICES, SANITARY SEWER SERVICE AND UNFORESEEN EXPLORATORY WORK.
- (3) ALL COSTS OF EXCAVATING TO FOUNDATION GRADE, PREPARING THE FOUNDATION, PLACING AND COMPACTING BACKFILL MATERIALS, RESTORING SURFACE, AND OTHER WORK NECESSARY FOR PROSECUTION AND COMPLETION OF THE WORK AS SPECIFIED, SHALL BE INCLUDED FOR PAYMENT AS PART OF THE PIPE AND PIPE APPURTENANCE ITEMS WITHOUT ANY DIRECT COMPENSATION BEING MADE.
- (4) NOMINAL QUANTITY PROVIDED, WILL VARY WITH FIELD CONDITIONS.
- (5) MN/DOT DESIGN F MANHOLE STRUCTURE; FRAME R-1955-1; LID 716 WITH OPEN PICK HOLES LABELED WATER
- (6) MN/DOT DESIGN F MANHOLE STRUCTURE; FRAME R-1955-1; LID 716 WITH CLOSED PICK HOLES LABELED SANITARY

**STANDARD PLATES**

THE FOLLOWING MnDOT STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY TO THIS PROJECT	
PLATE NO.	DESCRIPTION
4005M	MANHOLE OR CATCH BASIN TYPE A & B CONE SECTIONS PRECAST - DESIGN F
4010I	CONCRETE ADJUSTING RINGS
4011E	PRECAST CONCRETE BASE
4110F	COVER CASTING FOR MANHOLE (For use in All Triffic Areas) - CASTING NO. 715 & 716
8000K	TEMPORARY CHANNELIZERS - TYPE A

City of Worthington, MN 2025. All Rights Reserved. 3RD AVE WATER & SAN SEW (11th-13th) CAD/CDR/266/SGEN NOTE & EST QUANT.dwg 22/21/2025 4:11:01 PM

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.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 2.1 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
DWH			
CHECKED			
CLIENT PROJ. NO.			
	26	05	

CITY OF WORTHINGTON, MINNESOTA

3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION

GENERAL NOTES & ESTIMATED QUANTITIES

SHEET  
3  
OF  
21



City of Worthington, MN 2025. All Rights Reserved.  
C:\GIS\Projects\2025\Projects\25-03\3RD AVE WATER & SAN SERV (11th-15th)\CAD\3RD AVE LOCATION.dwg 12/31/2025 4:12:26 PM



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.  
  
HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 2.1 worthington.mn.us

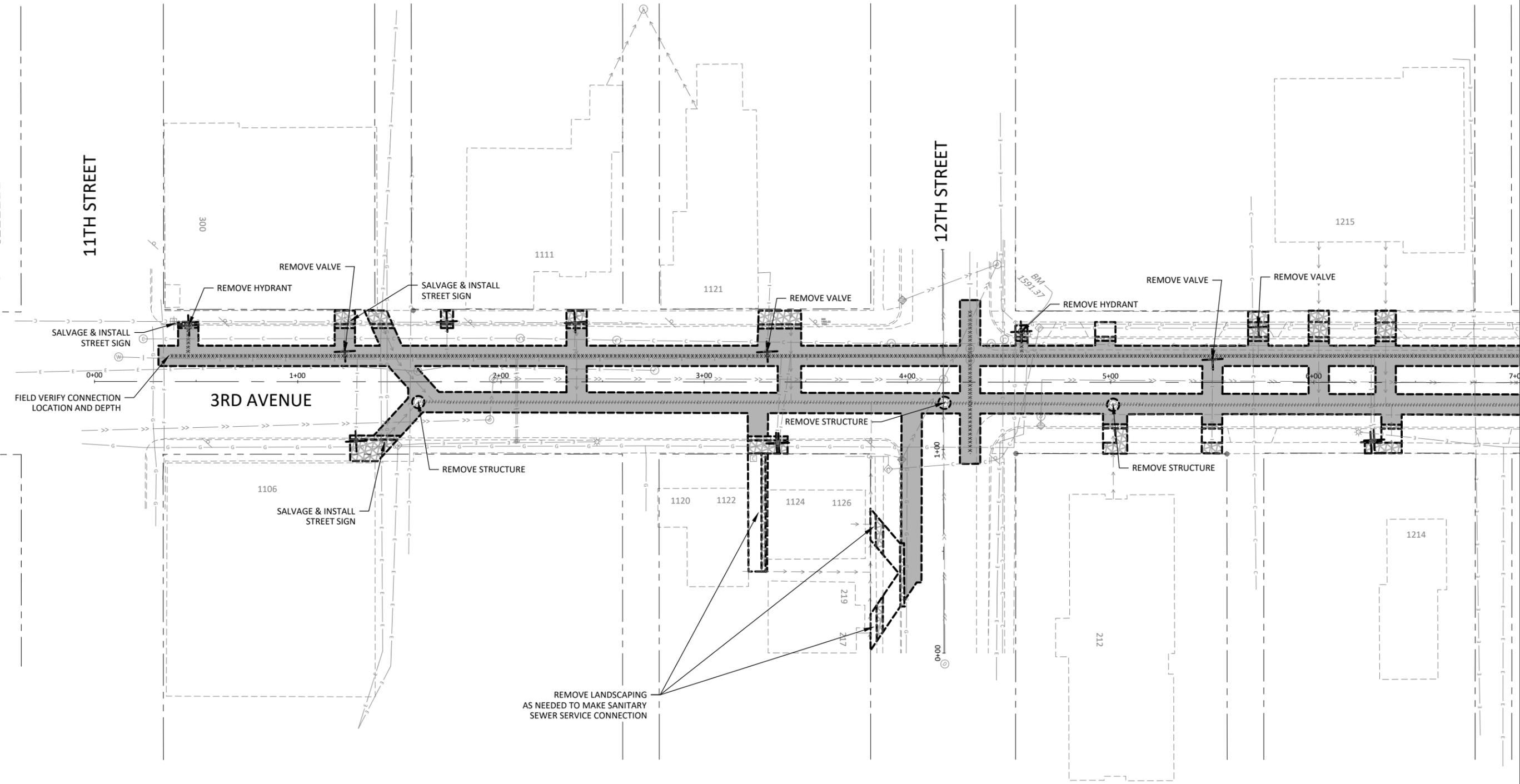
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN	DWH		
CHECKED			
CLIENT PROJ. NO.	26 05		

CITY OF WORTHINGTON, MINNESOTA  
3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
LOCATION PLAN



REMOVAL LEGEND

	REMOVE CURB & GUTTER, REMOVE CONCRETE DRIVEWAY AND SIDEWALK		REMOVE HYDRANT & VALVE
	REMOVE CONCRETE PAVEMENT AND REMOVE BITUMINOUS OVER CONCRETE PAVEMENT		REMOVE CURB STOP
			REMOVE WATER MAIN
			REMOVE SANITARY SEWER MAIN
			SAW CUT PAVEMENT



City of Worthington, MN 2025, All Rights Reserved. A:\GIS\Projects\2025\Projects\25-03-3RD AVE WATER & SAN SERV (11th-13th)\CAD\CAD\266565COND&RMV.dwg 12/31/2025 4:11:43 PM



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 2.1 worthington.mn.us

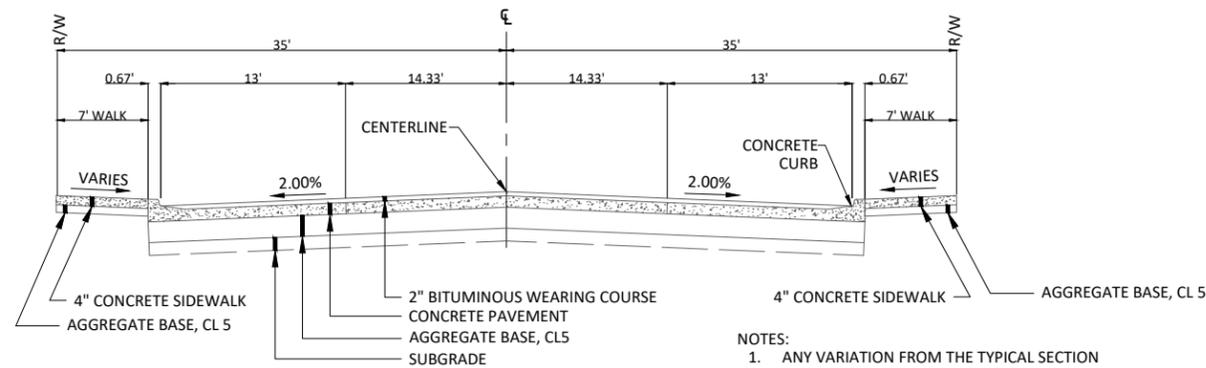
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.			
	26	05	

CITY OF WORTHINGTON, MINNESOTA  
 3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
 EXISTING CONDITIONS & REMOVALS

SHEET 5 OF 21

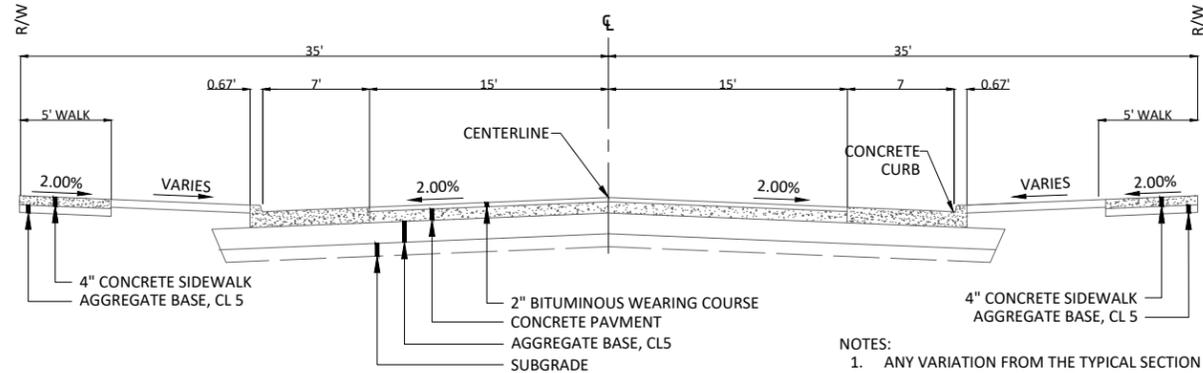


EXISTING TYPICAL SECTION 3RD AVENUE  
ELEVENTH STREET TO TWELFTH STREET

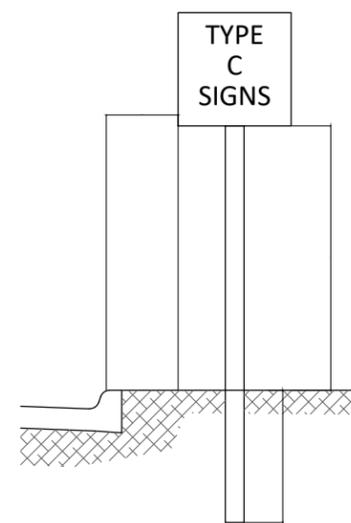


- NOTES:
1. ANY VARIATION FROM THE TYPICAL SECTION DIMENSIONS ARE SHOWN ON THE PLAN DRAWINGS.
  2. PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOS SHOWN ON THE TYPICAL SECTION.
  3. GRADE ALL TOPSOIL MATERIAL TO 1" DEPTH BELOW CONCRETE SURFACES PRIOR TO PLACING SOD.

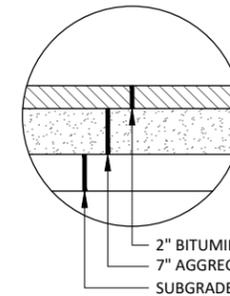
EXISTING TYPICAL SECTION 3RD AVENUE  
TWELFTH STREET TO THIRTEENTH STREET



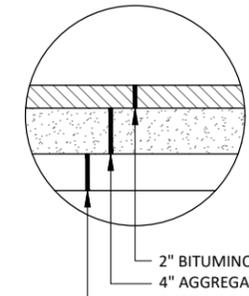
- NOTES:
1. ANY VARIATION FROM THE TYPICAL SECTION DIMENSIONS ARE SHOWN ON THE PLAN DRAWINGS.
  2. PAVEMENT SLOPES AT INTERSECTION LOCATIONS MAY VARY FROM THOS SHOWN ON THE TYPICAL SECTION.
  3. GRADE ALL TOPSOIL MATERIAL TO 1" DEPTH BELOW CONCRETE SURFACES PRIOR TO PLACING SOD.



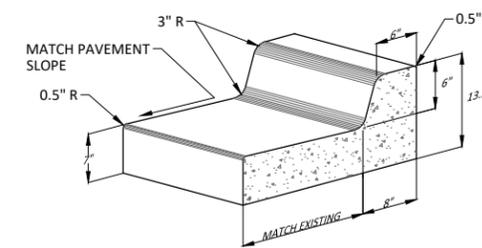
SIGN INSTALLATION  
NOT TO SCALE



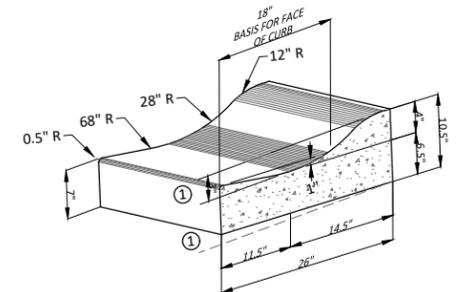
BITUMINOUS STREET PATCH  
NOT TO SCALE



BITUMINOUS SIDEWALK & DRIVEWAY PATCH  
NOT TO SCALE



BITUMINOUS CURB & GUTTER (TEMPORARY)  
NOT TO SCALE



- NOTE:  
CURB SHALL BE PLACED IN A TILTED POSITION AS SUCH TO PROVIDE A 3" DEPTH FROM THE TOP OF CURB TO THE FLOWLINE WHEN MEASURED ON A LEVEL PLANE.

BITUMINOUS CURB & GUTTER -  
MOUNTABLE (TEMPORARY)  
NOT TO SCALE

City of Worthington, MN 2025. All Rights Reserved. LMSA Projects by Team 2025 Projects US 3RD AVE WATER & SAN SEW (11th-13th) CAD/CDR/2605TP/SEC & DETAIL/2605/12/31/2025 4:11:58 PM

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.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE

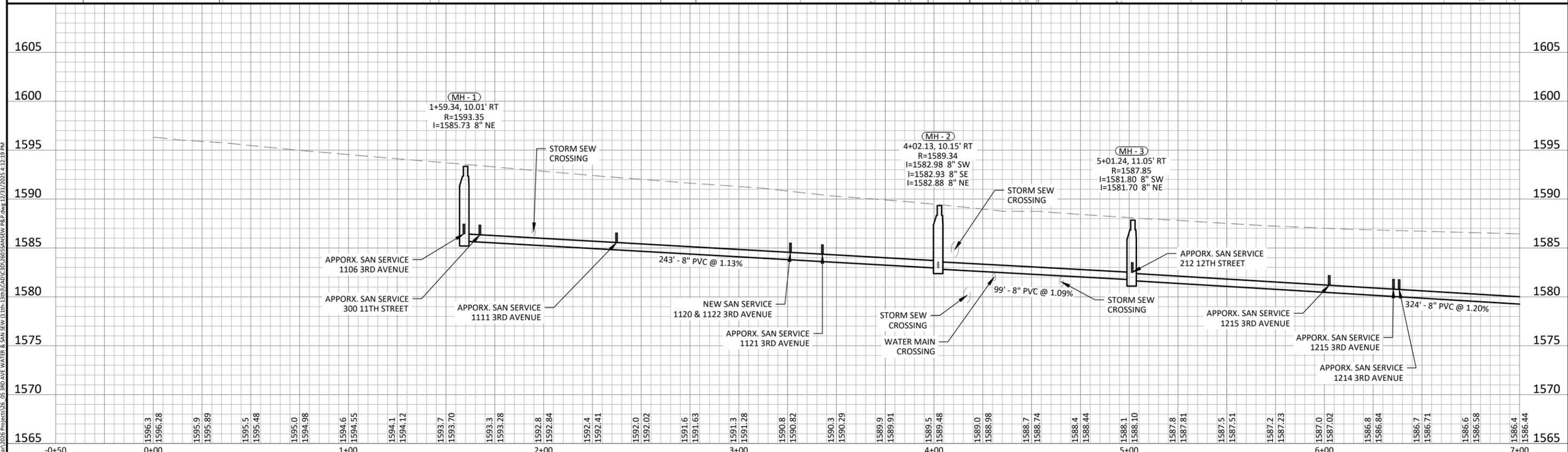
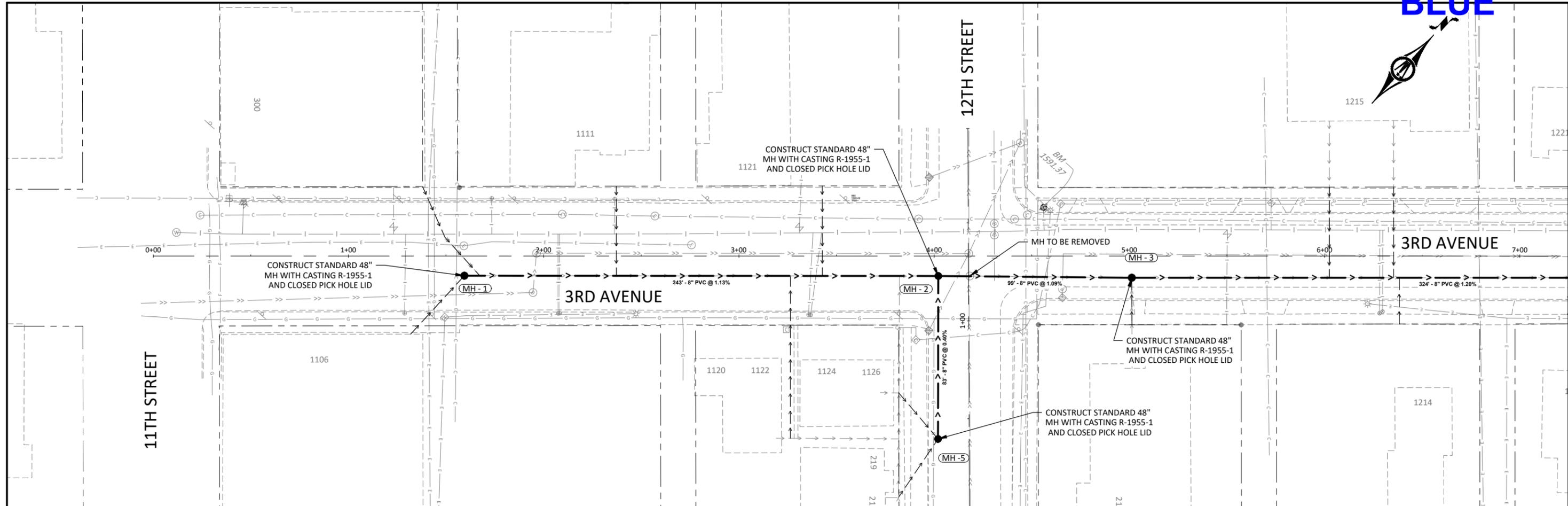


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 2.1 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.	26 05		

CITY OF WORTHINGTON, MINNESOTA  
3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
TYPICAL SECTION & DETAILS

BLUE



City of Worthington, MN 2025. All Rights Reserved. 3D LMS Projects by AutoCAD Projects 26 05 3RD AVE WATER & SAN SERV (11th-13th).CAD/3D/2605SANSEWER.P&P.dwg 12/31/2025 4:12:19 PM



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_

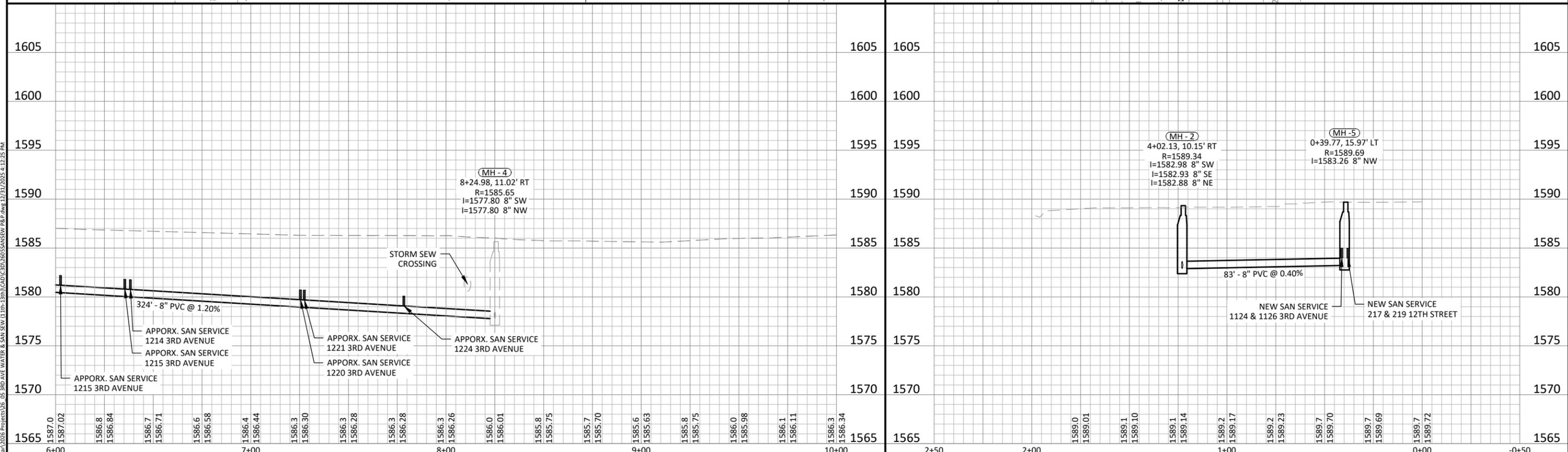
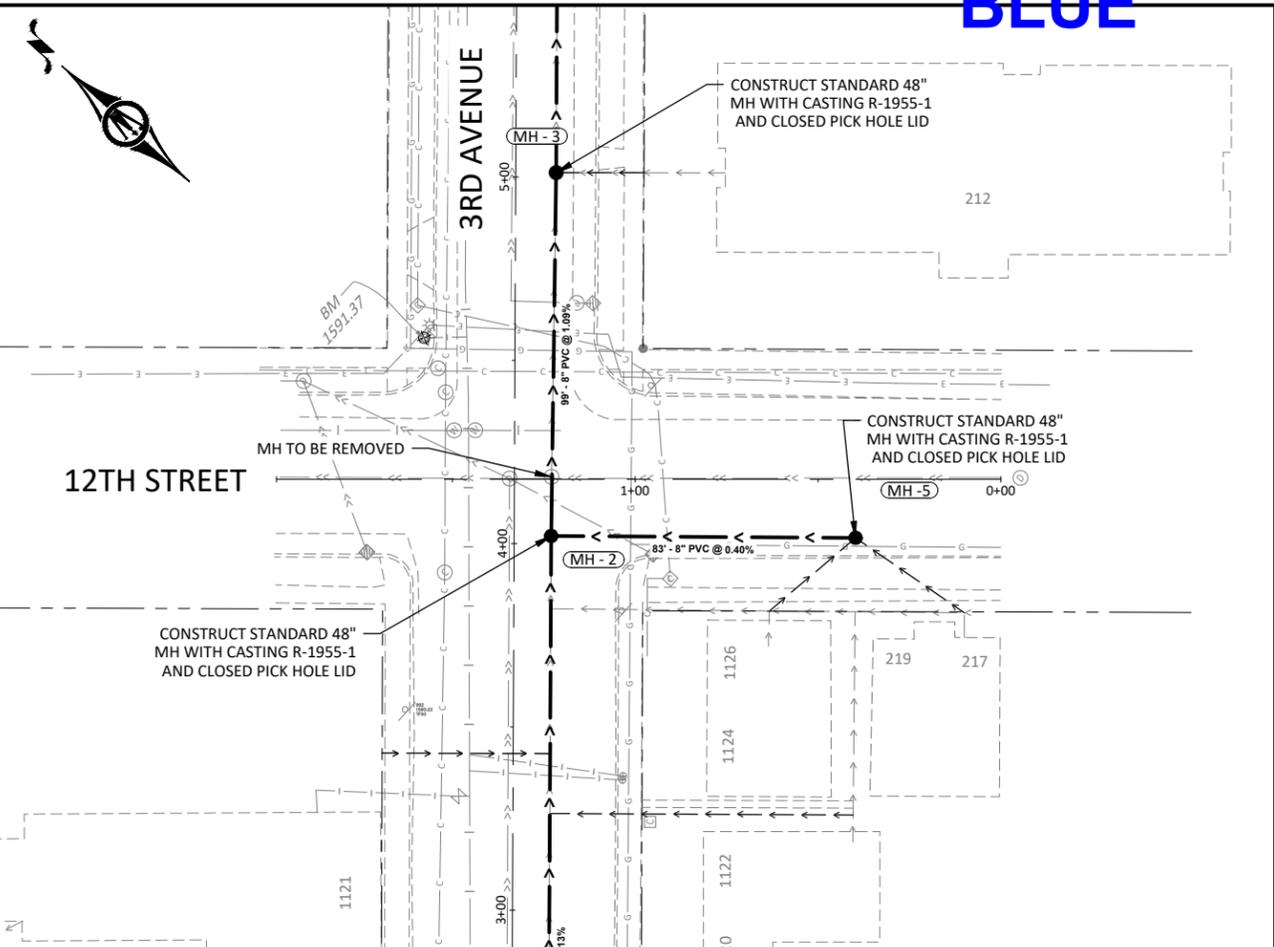
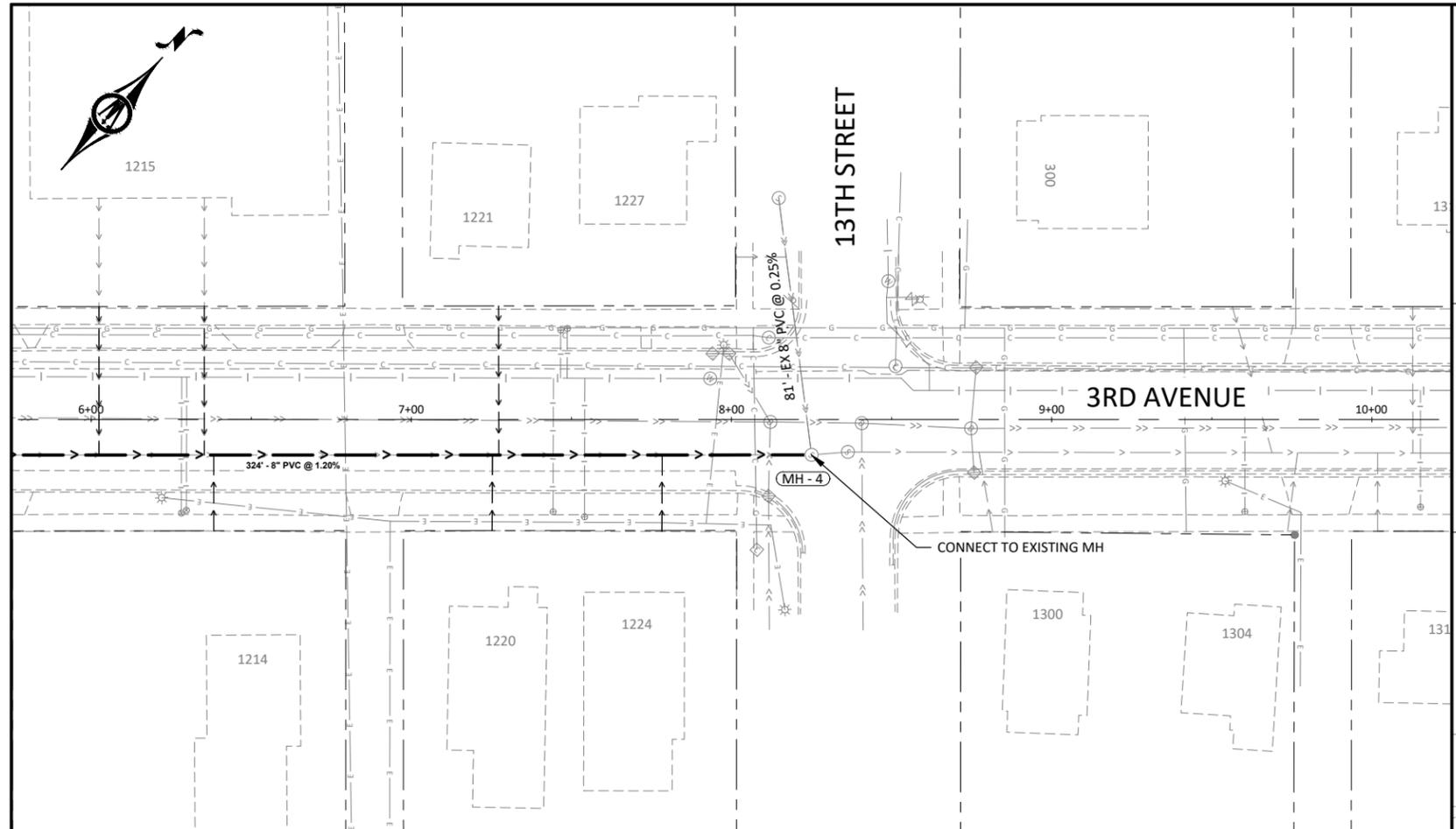


303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 2.1 worthington.mn.us

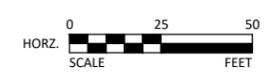
DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.	26 05		

CITY OF WORTHINGTON, MINNESOTA  
 3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
 SANITARY SEWER PLAN & PROFILE

SHEET 8 OF 21



City of Worthington, MN 2025. All Rights Reserved.  
 A USGS Project by the USGS National Water Research Institute  
 CAD:CD3D2655ANSENW P&P.dwg 12/31/2025 4:12:25 PM



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.  
 HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 2.1 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
CHECKED			
CLIENT PROJ. NO.	26	05	

CITY OF WORTHINGTON, MINNESOTA  
 3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
 SANITARY SEWER PLAN & PROFILE

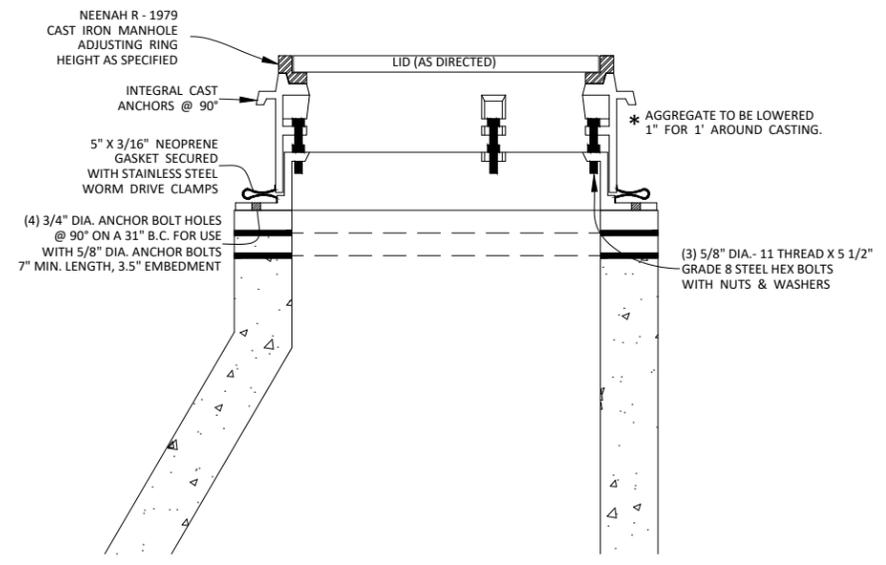
SHEET  
 9  
 OF  
 21

**SANITARY SEWER TABLE**

STRUCTURE #	STATION	OFFSET	CASTING	MANHOLES			CONNECT TO EXISTING SAN SEW	PIPE	DRAINS TO			NOTES
				RIM ELEV.	OUT LET ELEV.	STANDARD 48" MH			8" PVC SDR 35 (LIN FT)	STRUCTURE #	PIPE GRADE %	
1	1+59.34	10.01' RT	R-1955-1	1593.35	1585.73	1		243	2	1.13%	1582.98	(1)
2	4+02.13	10.15' RT	R-1955-1	1589.34	1582.88	1		99	3	1.09%	1581.80	(1)
3	5+01.24	11.05' RT	R-1955-1	1587.85	1581.70	1		324	4	1.20%	1577.80	(1)
4 (EX)	8+24.98	11.02' RT		1585.65			1					(2)
5	4+02.13	93.36' RT	R-1955-1	1589.69	1583.26	1		83	2	0.40%	1582.93	(1)
				TOTALS		4	1	749				

(1) REFERS TO NEENAH FOUNDARY CO. DESIGNATION. R-1955-1 ASSEMBLY REFERS TO CASTING FOR USE WITH CONCRETE PAVEMENT AND R-1733 CASTING FOR USE WITH BITUMINOUS PAVEMENT

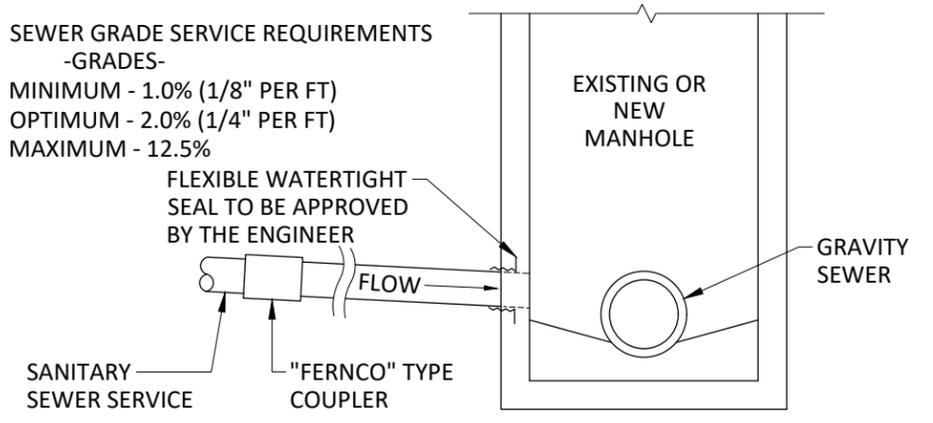
(2) PROVIDE SHEAR RESISTANT STRONG BACK FERNCO FOR CONNECTING TO EXISTING SANITARY SEWER MAIN (INCIDENTAL)



FLOATING MANHOLE CASTING  
(NEENAH R - 1955 - 1 OR EQUAL  
WITH NEENAH R - 1979 OR EQUAL)

NOTE:  
WYES, BENDS AND PIPE SIZES  
AS REQUIRED BY PLANS AND SPECS

SEWER GRADE SERVICE REQUIREMENTS  
-GRADES-  
MINIMUM - 1.0% (1/8" PER FT)  
OPTIMUM - 2.0% (1/4" PER FT)  
MAXIMUM - 12.5%



NOTE:  
WHERE NO EXISTING SEWER IS IN PLACE,  
INSTALL PVC CAP AND MARK LOCATION WITH  
4"X4"X6' TIMBER & 3/8" X 4' STEEL ROD.  
BURY 6" BELOW FINISHED GRADE.

**SANITARY SEWER SERVICE  
CONNECTION TO MANHOLE**  
NOT TO SCALE

City of Worthington, MN 2025. All rights reserved. A LNSL project by team2025 PROJECTS US 3RD AVE WATER & SAN SEW (11h-13h) CAD/C3D/2655SANSEW DETAIL.dwg 12/31/2025 4:12:37 PM

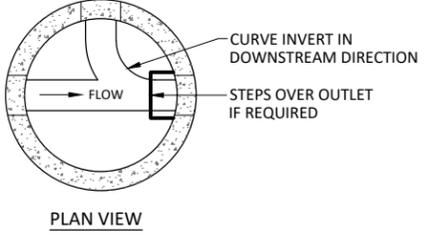
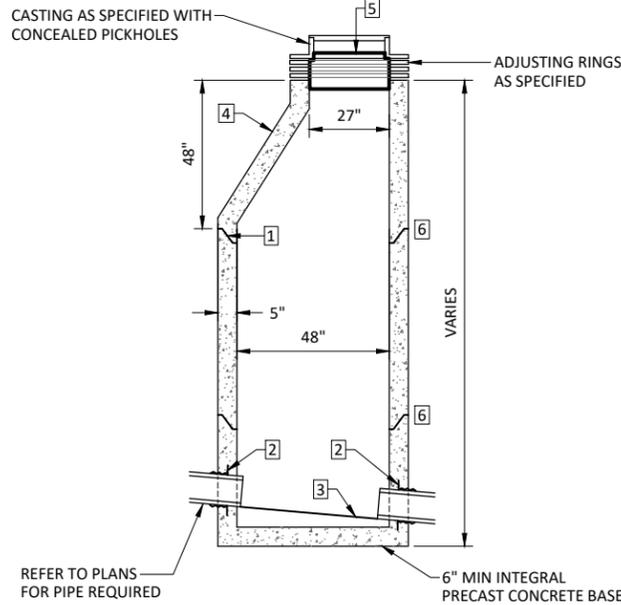
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  
  
HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 2.1 worthington.mn.us

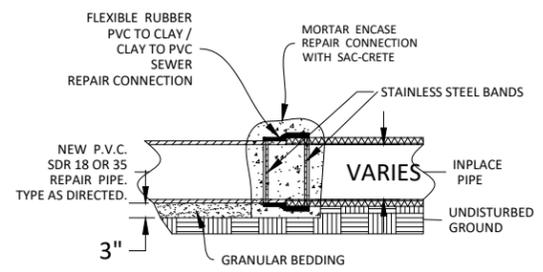
DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.	26 05		

CITY OF WORTHINGTON, MINNESOTA  
3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
SANITARY SEWER DETAILS

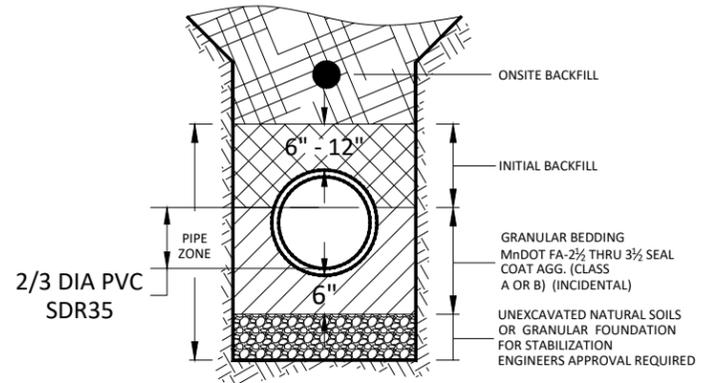


1. RUBBER GASKET (TYPICAL)
2. FLEXIBLE WATERTIGHT SEAL TO BE APPROVED BY ENGINEER
3. SHAPE, DEPTH AND SLOPE OF INVERT TO BE APPROVED BY ENGINEER
4. MnDOT TYPE "B" ECCENTRIC PRECAST CONCRETE CONE SECTION TYPICAL FOR ALL MANHOLES
5. PLACE INTERIOR CHIMNEY SEAL (WHEN SPECIFIED)
6. 8" WIDE, 3/4" THICK BITUMINOUS MASTIC WRAP FULL CIRCUMFERENCE (WHEN SPECIFIED)

**SANITARY MANHOLE**  
NOT TO SCALE

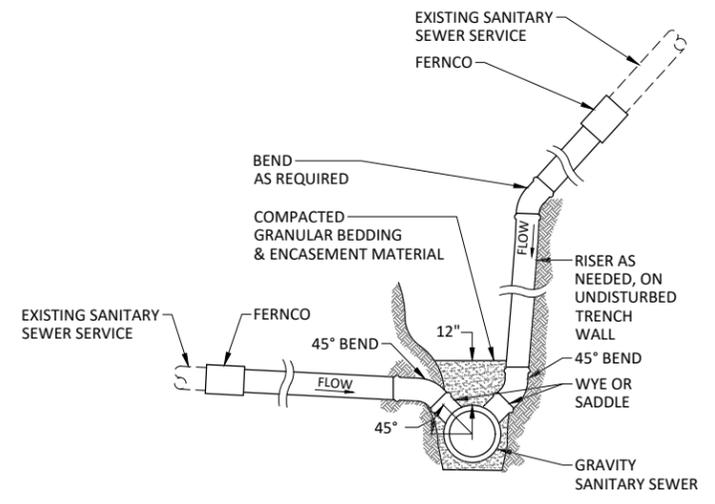
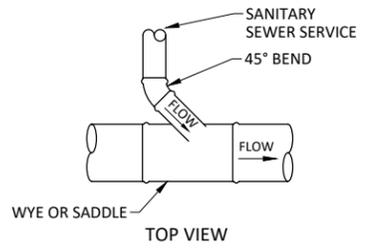


**SANITARY PIPE REPAIR CONNECTION**



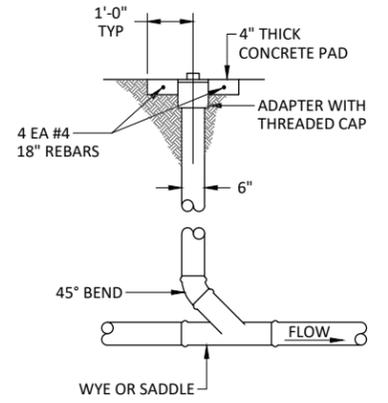
**PIPE MAIN BEDDING DETAIL**  
P.V.C. SDR 35

**SEWER SERVICE REQUIREMENTS**  
-GRADES-  
MINIMUM - 1.0% (1/8" PER FT)  
OPTIMUM - 2.0% (1/4" PER FT)  
MAXIMUM - 12.5%

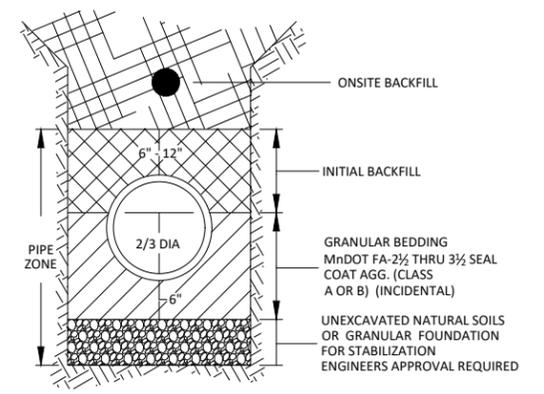


- NOTE:**
1. WYES, BENDS AND PIPE SIZES AS REQUIRED BY PLANS AND SPECS
  2. WHERE NO EXISTING SEWER IS INPLACE, INSTALL PVC CAP AND MARK LOCATION WITH 4"X4"X6' TIMBER & 3/8" X 4' STEEL ROD BURY 6" BELOW FINISHED GRADE

**SANITARY SEWER SERVICE AND SERVICE RISER, RECONSTRUCTION**  
NOT TO SCALE



**SANITARY SEWER CLEANOUT**  
NOT TO SCALE



**SEWER SERVICE BEDDING DETAIL**  
P.V.C. SDR 35

City of Worthington, MN 2025. All rights reserved. 3D SANITARY SEWER SERVICE AND SANITARY SEWER SERVICE AND SANITARY SEWER SERVICE DETAIL.dwg 12/31/2025 4:12:38 PM

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.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_

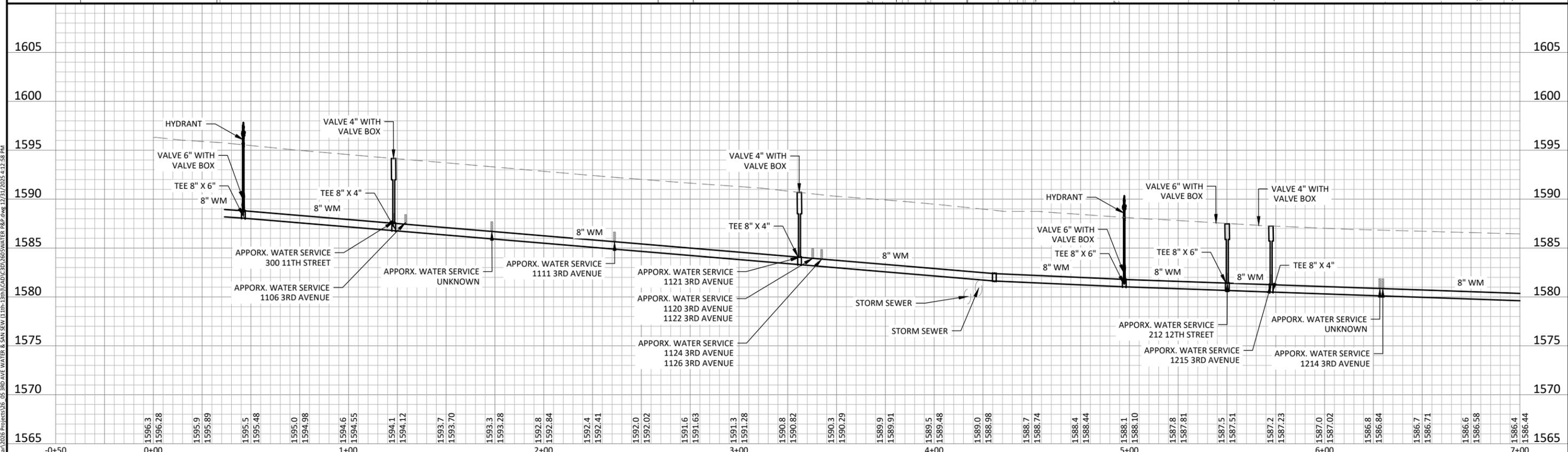
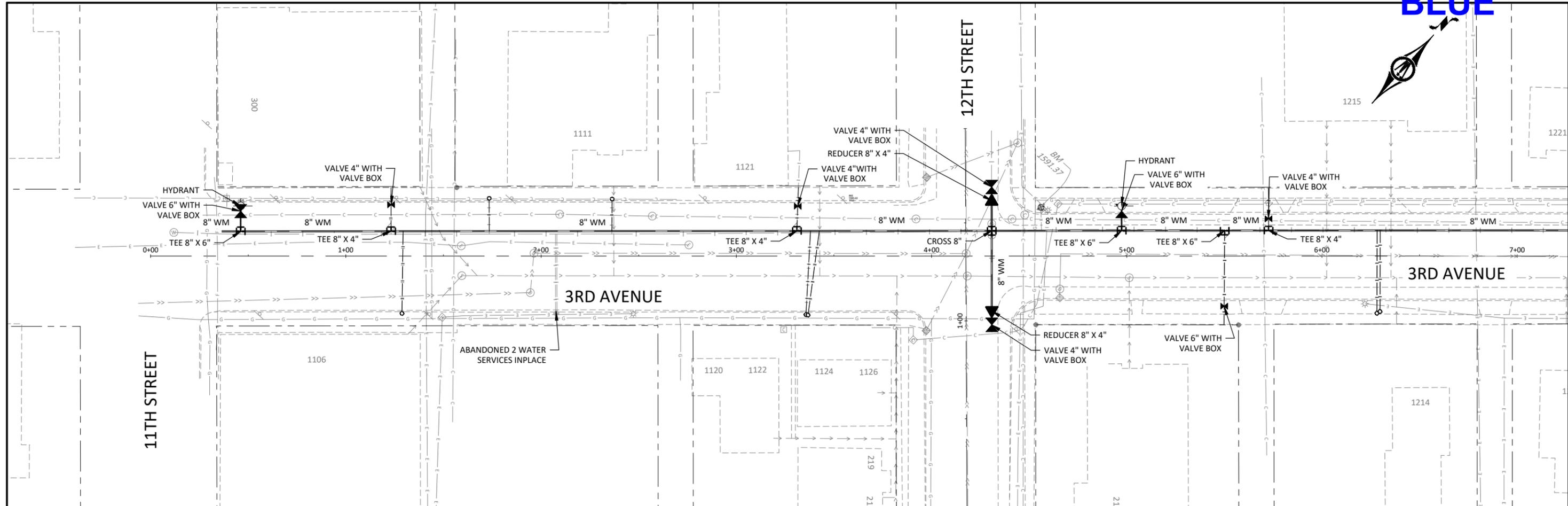


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
www.worthington.mn.us

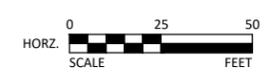
DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.			

CITY OF WORTHINGTON, MINNESOTA  
3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
SANITARY SEWER DETAILS

BLUE



City of Worthington, MN 2025. All rights reserved. A. LIND, Project Engineer, 05-3RD AVE WATER & SAN SERV (11th-13th).CAD/CDD/2603/WATER P&R.dwg 12/21/2025 4:12:58 PM



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_

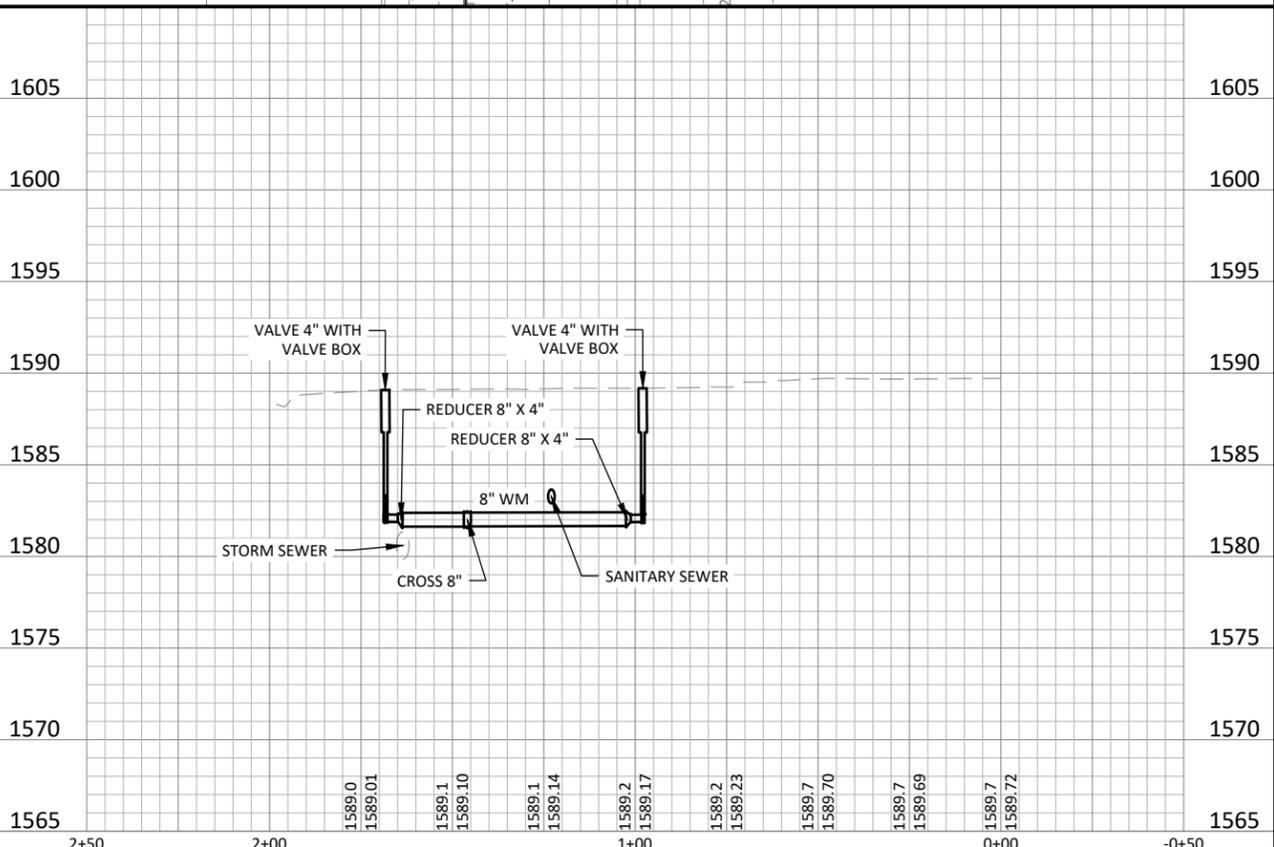
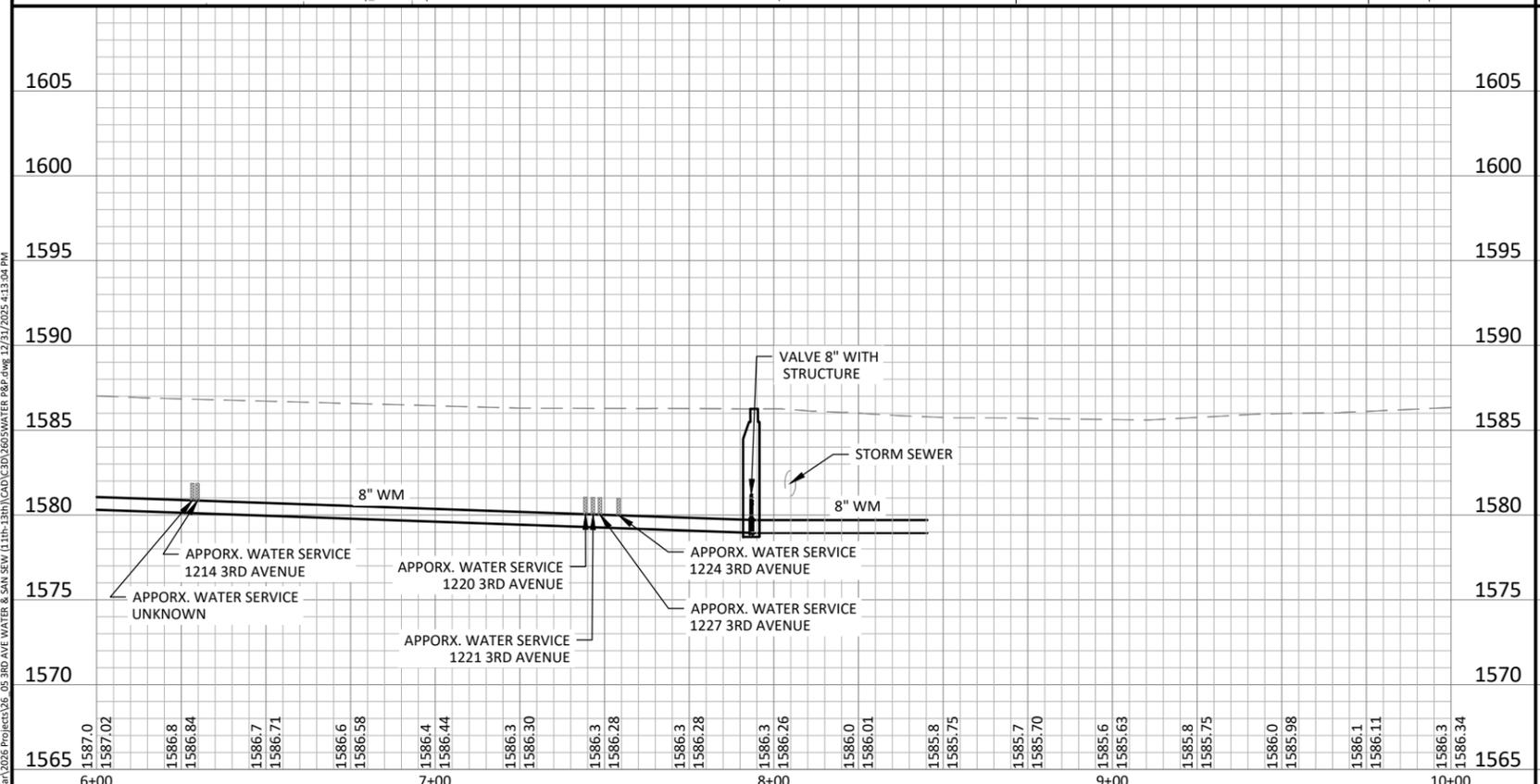
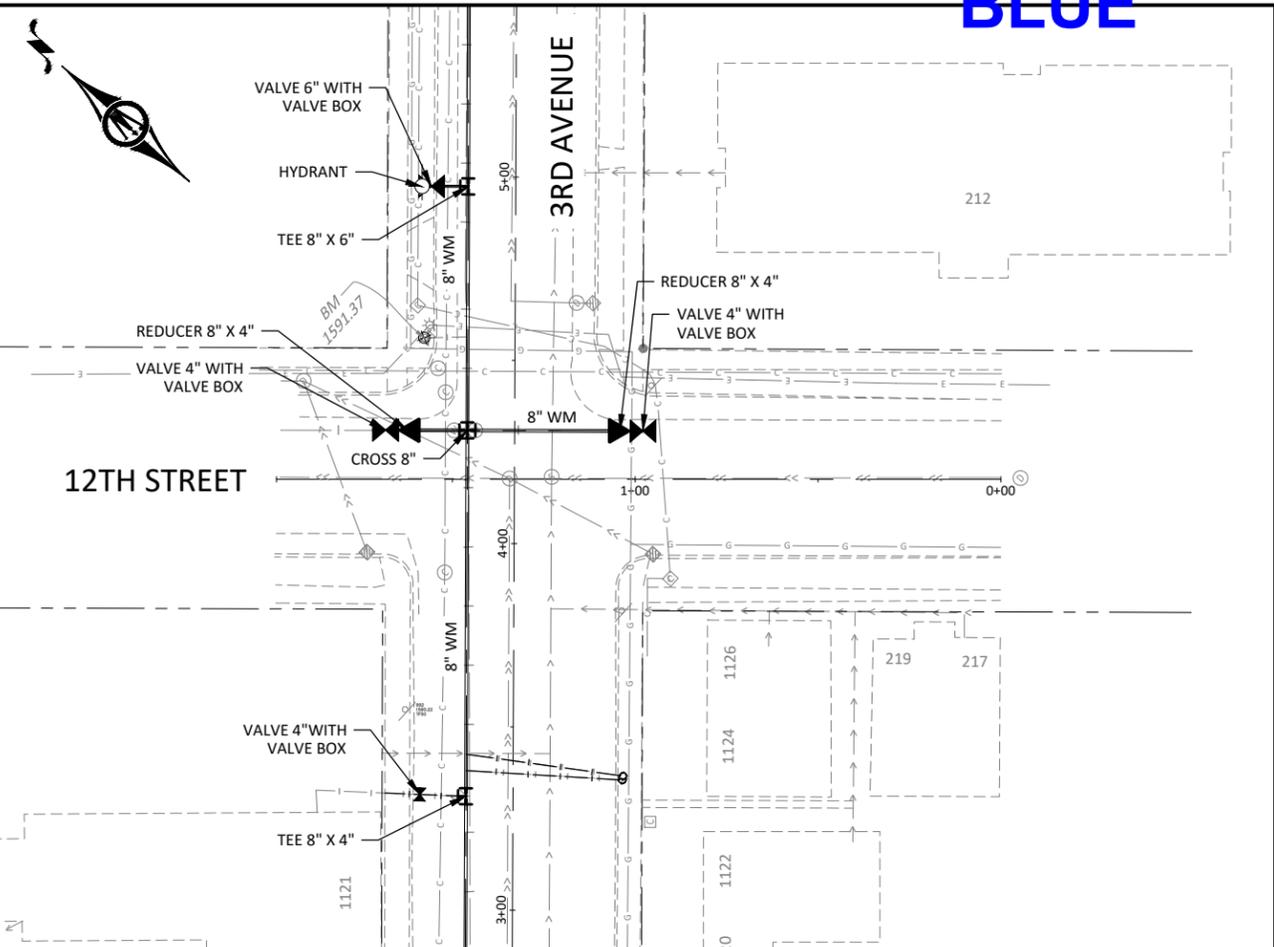
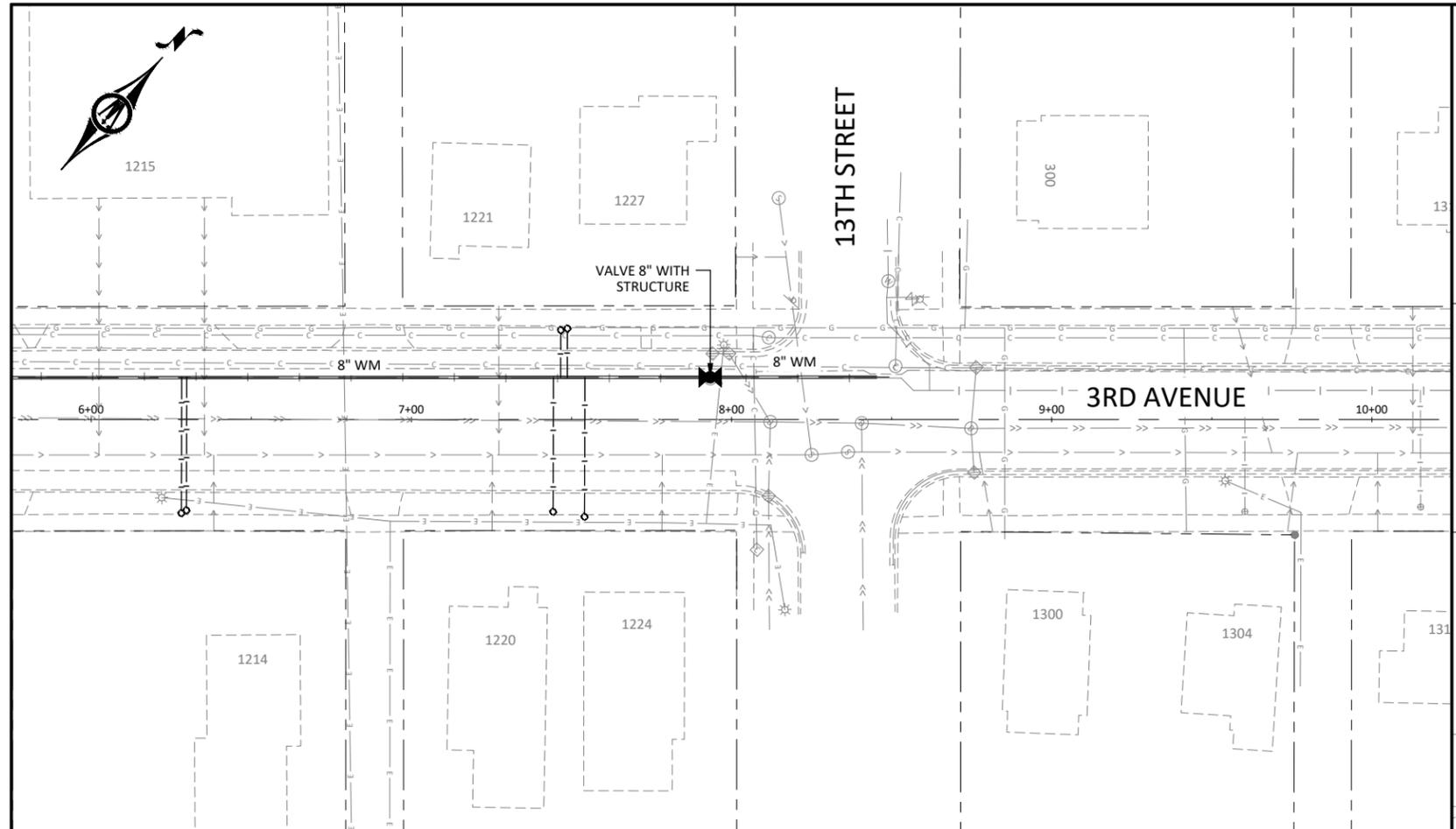


303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 2.1  
 www.worthington.mn.us

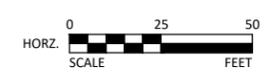
DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.	26 05		

CITY OF WORTHINGTON, MINNESOTA  
 3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
 WATER MAIN PLAN & PROFILE

SHEET 12  
 OF 21



City of Worthington, MN 2025. All Rights Reserved. A:\GIS\Projects\2025\3RD AVE WATER & SAN SERV (11th-13th)\CAD\3RD AVE WATER P&R.dwg 12/21/2025 4:13:04 PM



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.

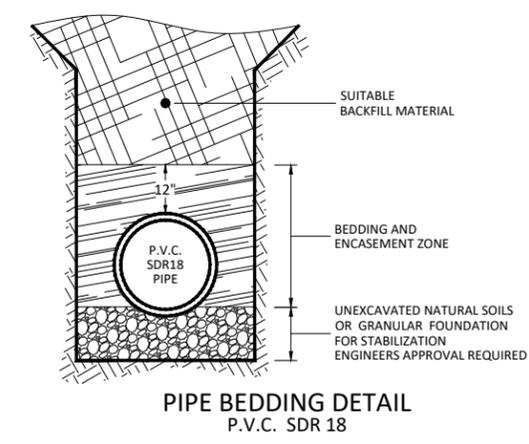
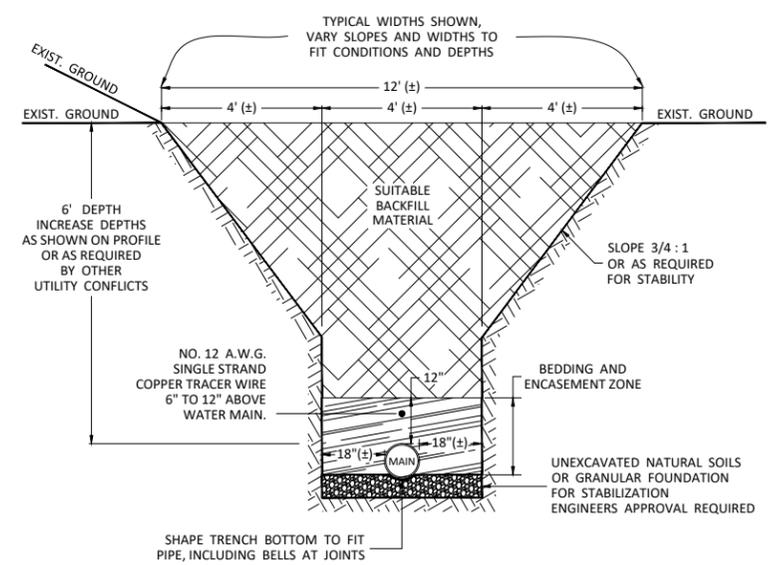
HYUNMYEONG GOO  
 LIC. NO. 60671 DATE



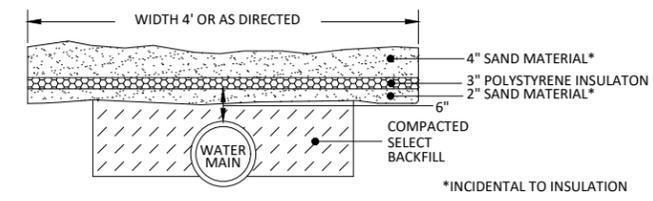
303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 2.1 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN	DWH		
CHECKED			
CLIENT PROJ. NO.	26 05		

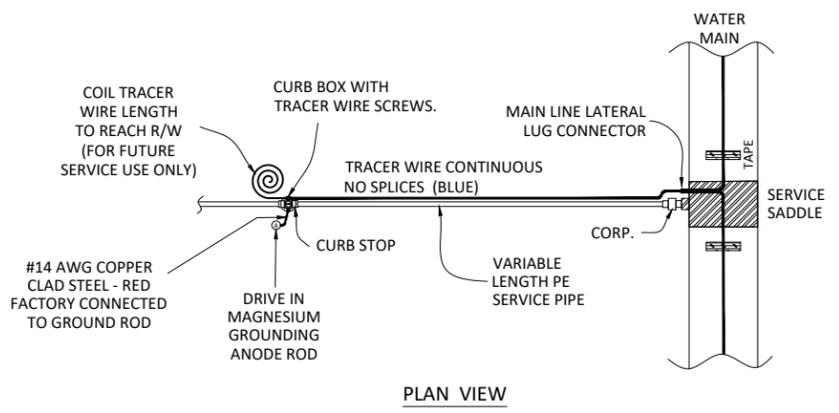
CITY OF WORTHINGTON, MINNESOTA  
 3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
 WATER MAIN PLAN & PROFILE



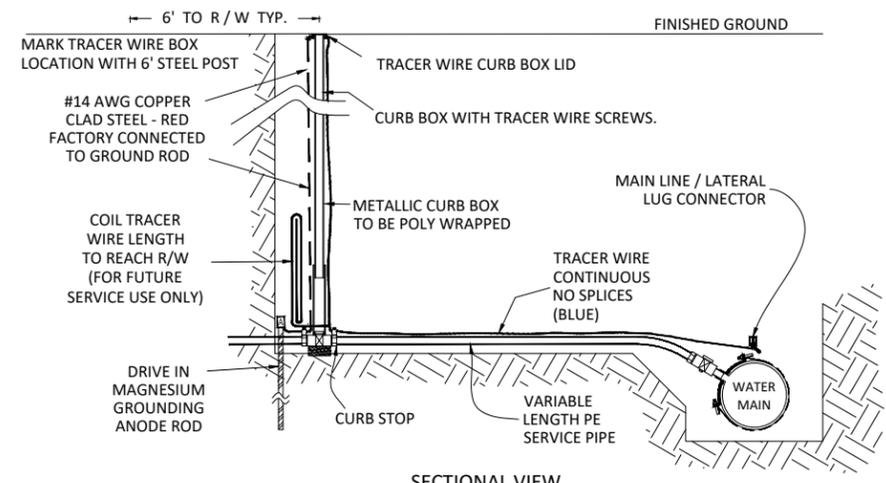
WATER MAIN BEDDING DETAIL AND TYPICAL TRENCH WIDTHS ( ELEVATION ) WITH TRACER WIRE



INSULATE WATER PIPE



PLAN VIEW



SECTIONAL VIEW  
WATER SERVICE WITH TRACER WIRE

CLARY STREET WATERMAIN TABLE									
LOCATION		FITTINGS		PIPE		APPURTENANCE	GATE VALVE MANHOLE		
STATIONING	OFFSET			LENGTH	PIPE TYPE		DESIGN F	CASTING	LID
0+36		13' L	CONNECT TO EXISTING WM						
0+36	0+46	13' L		10'	8" PVC				
0+46		13' L	8" X 6" TEE						
0+46		13' L		7'	6" PVC				
0+46		20' L				HYDRANT UNIT			
0+46	4+31	13' L		385'	8" PVC				
1+23		13' L	8" X 4" TEE						
1+23		13' L		14'	4" PVC				
1+23		27' L				4" GATE VALVE & BOX			
3+31		13' L	8" X 4" TEE						
3+31		13' L		13'	4" PVC				
3+31		26' L				4" GATE VALVE & BOX			
4+31		13' L	8" X 8" CROSS						
4+31		13' L		20'	8" PVC				
4+31		33' L	8" X 4" REDUCER						
4+31		33' L		3'	4" PVC				
4+31		36' L				4" GATE VALVE & BOX			
4+31		13' L		45'	8" PVC				
4+31		32' R	8" X 4" REDUCER						
4+31		32' R		3'	4" PVC				
4+31		35' R				4" GATE VALVE & BOX			
4+31	4+97	13' L		66'	8" PVC				
4+97		13' L	8" X 6" TEE						
4+97		13' L		13'	6" PVC				
4+97		26' L				HYDRANT UNIT			
4+97	7+95	13' L		298'	8" PVC				
5+50		13' L	8" X 6" TEE						
5+50		13' L		32'	6" PVC				
5+50		19' R				6" GATE VALVE & BOX			
5+73		13' L	8" X 4" TEE						
5+73		13' L		6'	4" PVC				
5+73		19' L				4" GATE VALVE & BOX			
7+95		13' L				8" GATE VALVE WITH SRTUCTURE	48" TYPE A CONE	1955-1	716
7+95	8+40	13' L		45'	8" PVC				
8+40		13' L	CONNECT TO EXISTING WM						

- TABLE NOTES:  
 1. SOLID LID WITH OPEN PICK HOLES  
 2. LID WITH RAISED LETTERS "WATER"  
 3. AS PER MNDOT STANDARD PLATES

City of Worthington, MN 2025. All rights reserved. 3D LENS Projects by Team 2025 PROJECTS 26 US 3RD AVE WATER & SAN SERV (11th-13th) CAD/CSD/366350DETAIL.dwg 12/21/2025 4:13:17 PM

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.

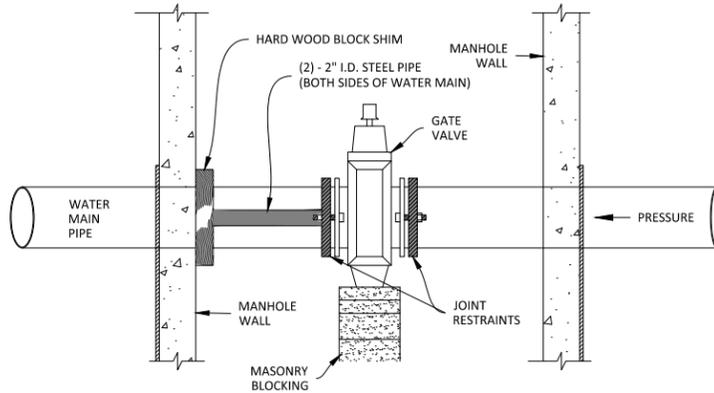
HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



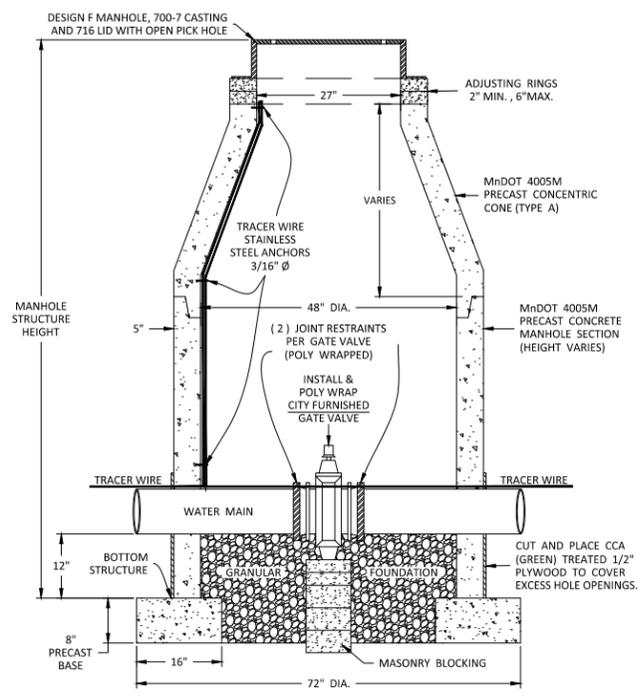
303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 2.1 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.	26 05		

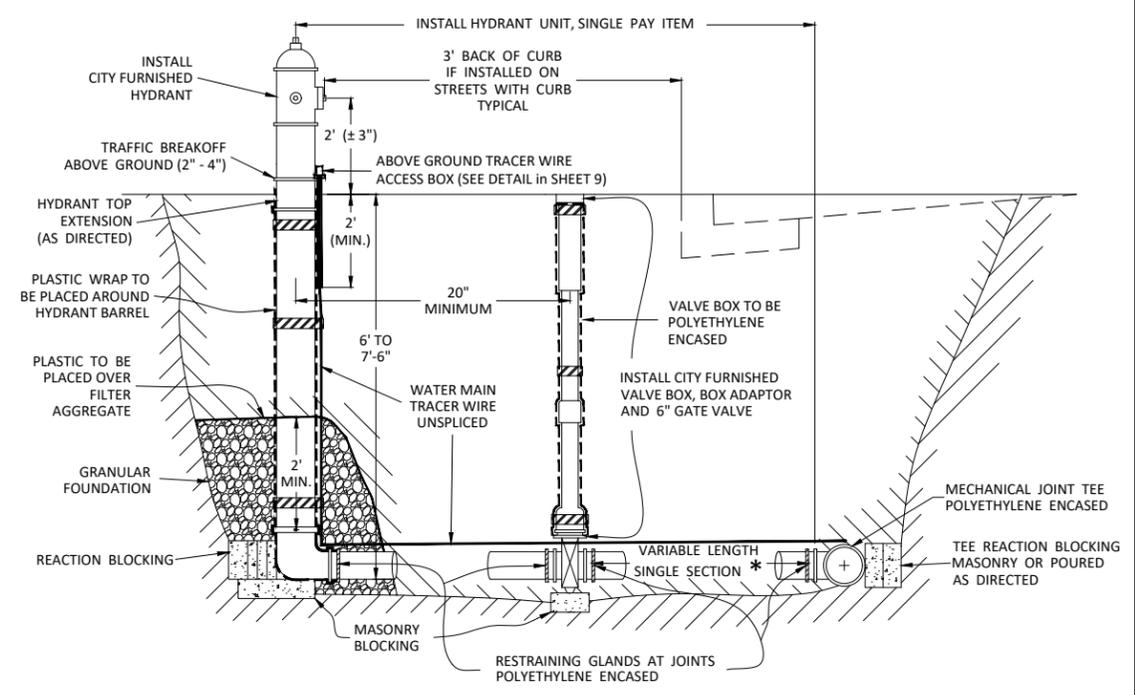
CITY OF WORTHINGTON, MINNESOTA  
 3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
 WATER DETAILS



GATE VALVE TEMPORARY THRUST RESTRAINT

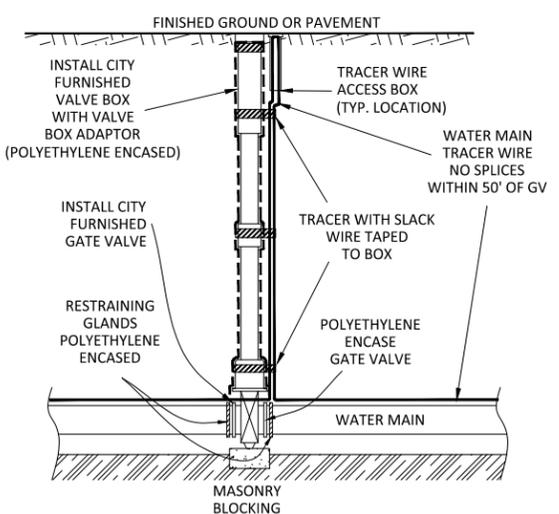


INSTALL GATE VALVE AND CONSTRUCT MANHOLE FOR GATE VALVE  
CITY TO SUPPLY GATE VALVE ONLY  
CONTRACTOR TO SUPPLY ALL JOINT ACCESSORIES - SEE SPECIFICATIONS

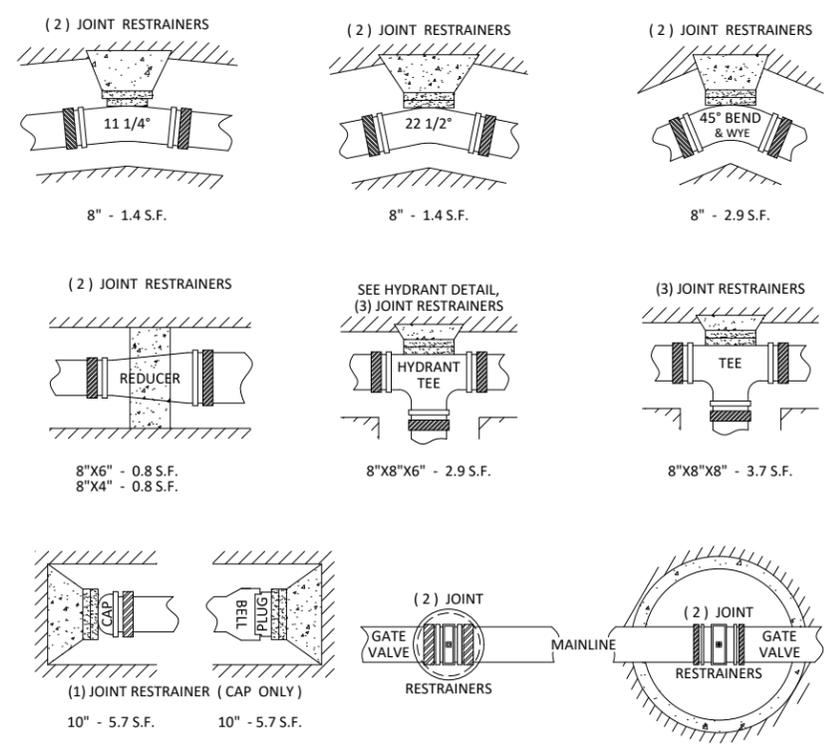


UNIT TO INCLUDE : TEE, GATE VALVE, VALVE BOX, RESTRAINING GLANDS AND PIPE  
\* LENGTHS GREATER THAN 19' SHALL INCLUDE PIPE JOINT RESTRAINTS ( INCIDENTAL )

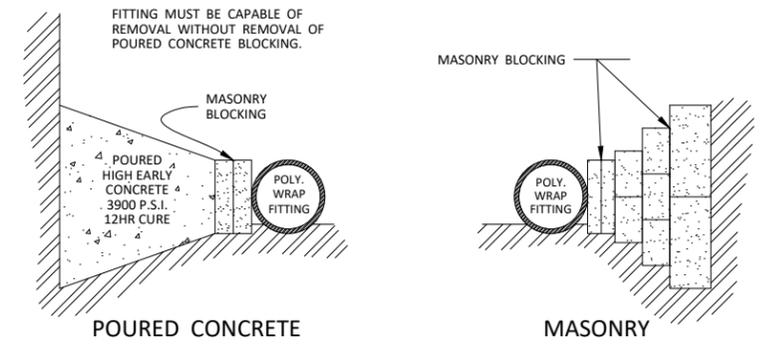
INSTALL HYDRANT UNIT  
CITY TO SUPPLY HYDRANT, GATE VALVE, VALVE BOX AND ADAPTOR ONLY  
CONTRACTOR TO SUPPLY ALL JOINT ACCESSORIES - SEE SPECIFICATIONS



CITY TO FURNISH GATE VALVE, VALVE BOX & ADAPTOR ONLY  
GATE VALVE AND BOX WITH TRACER WIRE  
(NON HYDRANT LOCATIONS, DIRECT BURY IN LINE)



REACTION BLOCKING AND JOINT RESTRAINTS



REACTION BLOCKING  
(SECTIONAL VIEWS)

City of Worthington, MN 2025, All Rights Reserved. 12/21/2025 4:13:19 PM

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.  
  
HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_

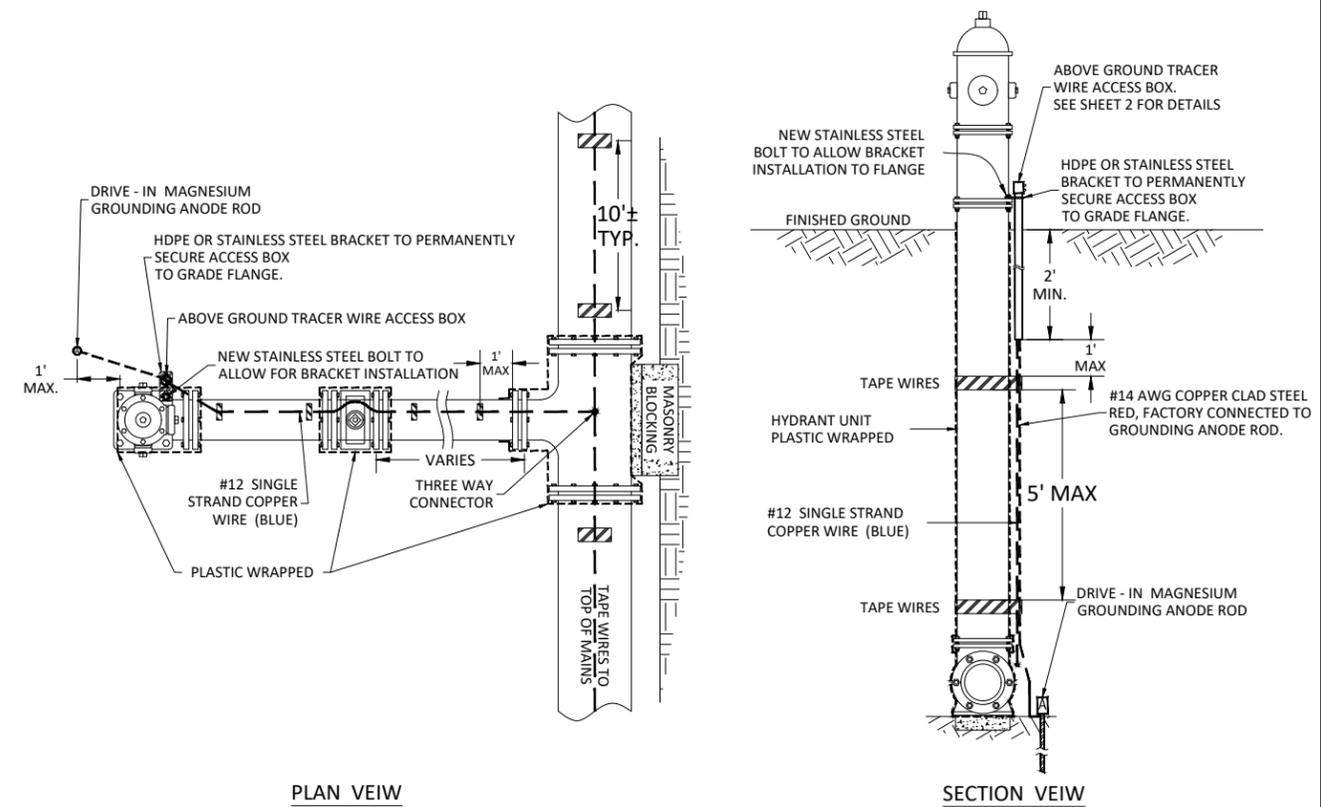


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 21 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.			
	26	05	

CITY OF WORTHINGTON, MINNESOTA  
3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
WATER DETAILS

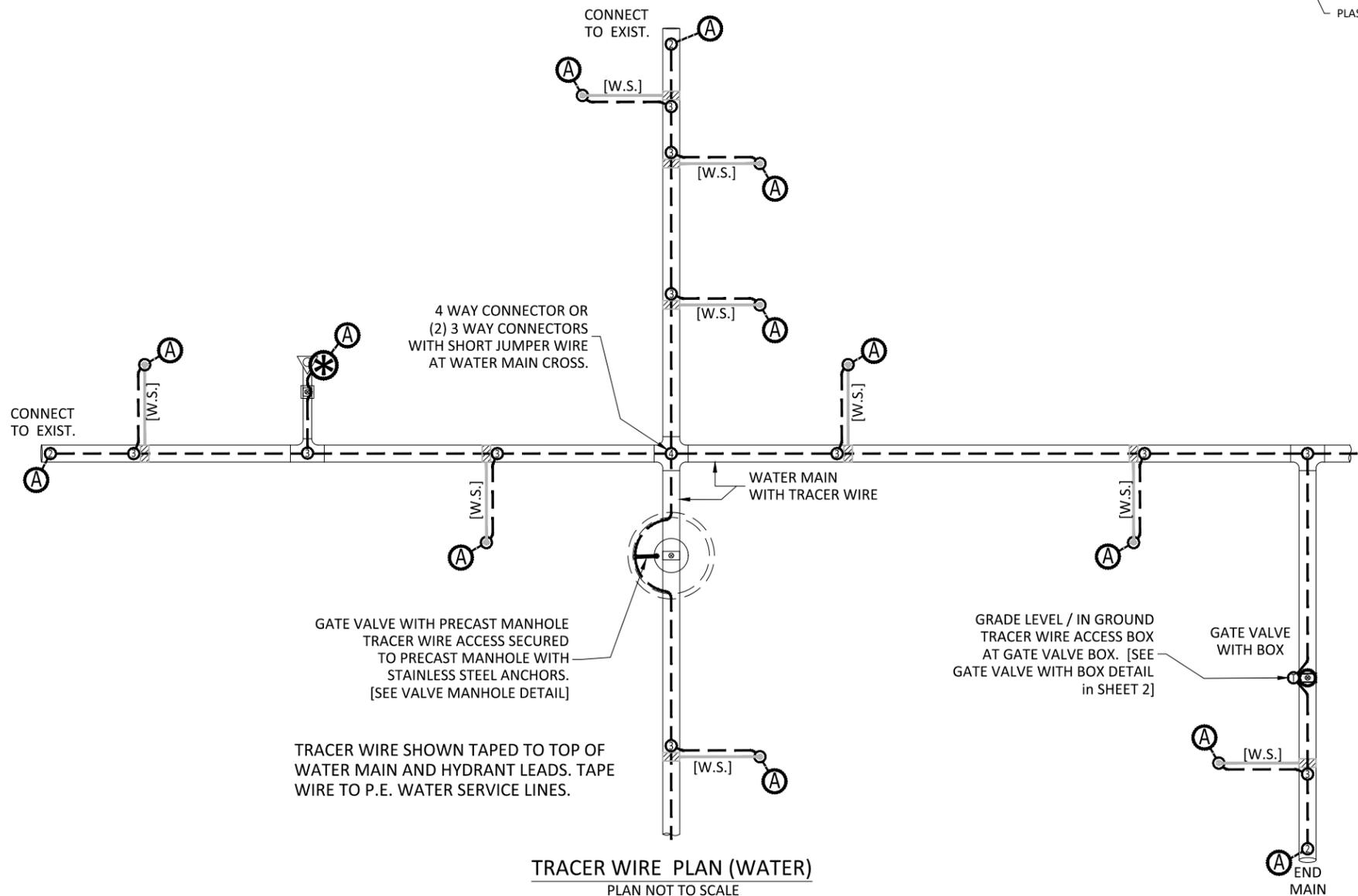
SHEET  
OF  
15  
21



PLAN VIEW

SECTION VIEW

TRACER WIRE HYDRANT DETAIL  
PLAN NOT TO SCALE



TRACER WIRE PLAN (WATER)  
PLAN NOT TO SCALE

LEGEND

- Ⓐ DRIVE IN MAGNESIUM GROUNDING ANODE
- ⊗ ABOVE GROUND ACCESS BOX SECURED TO HYDRANT [SEE HYDRANT DETAIL]
- ⓐ GRADE LEVEL/IN GROUND CURB STOP - TRACER WIRE ACCESS BOX [SEE WATER SERVICE DETAIL]
- ② MAINLINE TO GROUNDING ANODE CONNECTION
- ③ MAINLINE TO MAINLINE LUG CONNECTION (3 WAY) AT WATER MAIN TEE

City of Worthington, MN 2025. All rights reserved. A LNSA project by team2025 PROJECTS US 3RD AVE WATER & SAN SERV (11th-13th) CAD/C3D/265350DETAIL.dwg 12/21/2025 4:13:20 PM

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.

HYUNMYEONG GOO  
LIC. NO. 60671 DATE



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 2.1 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.	26 05		

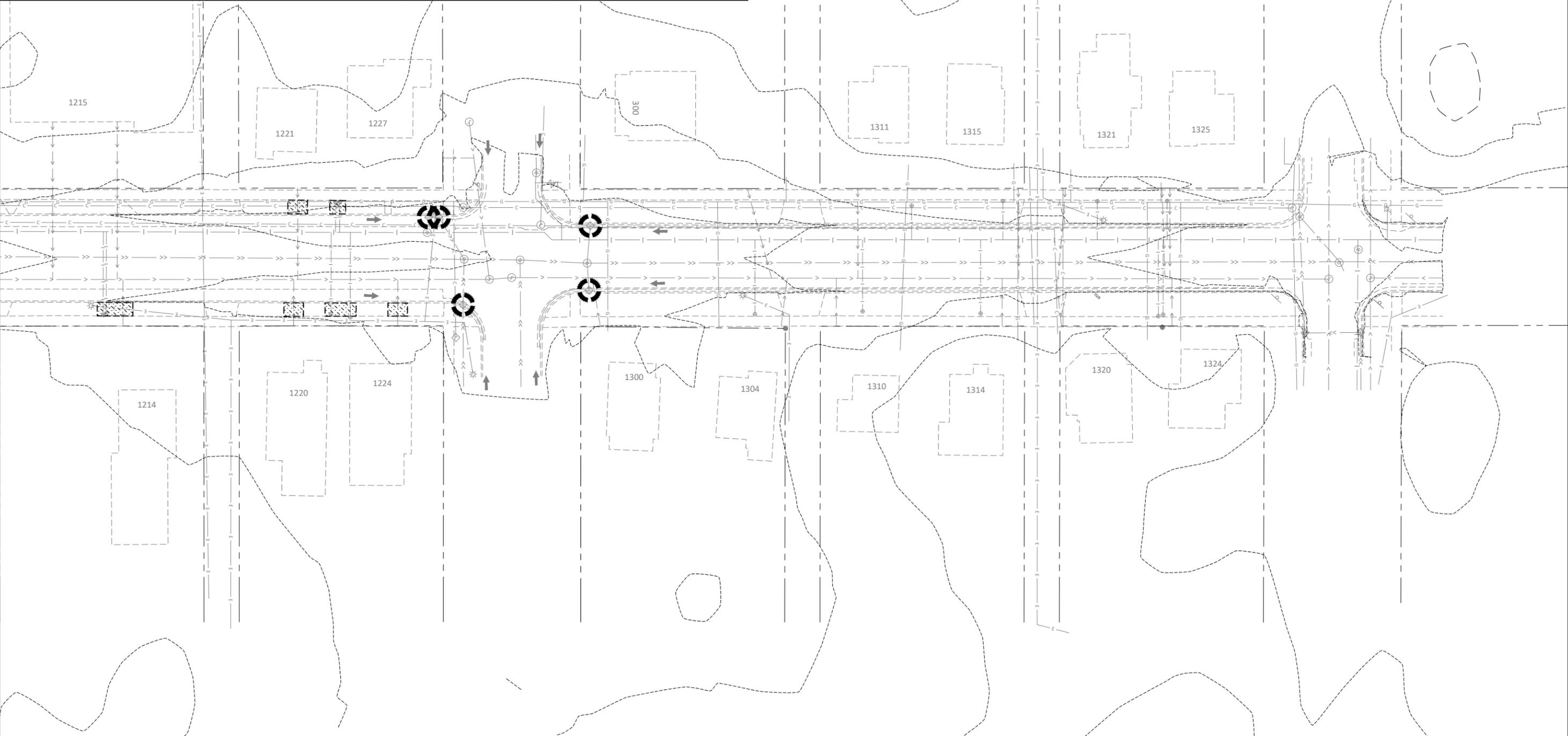
CITY OF WORTHINGTON, MINNESOTA  
3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
WATER DETAILS





### EROSION CONTROL LEGEND

MS	MACHINE SLICED SILT FENCE	DITCH CHECK - ROCK	BLANKET	SOD
HI	HAND INSTALLED SILT FENCE	CULVERT / PIPE PROTECTION	TEMPORARY MULCH	TURF REINFORCEMENT MAT (TRM)
PA	PREASSEMBLED SILT FENCE	TEMPORARY SEDIMENT BASIN W/ PIPE DRAIN	MULCH	OTHER APPROVED BEST MANAGEMENT PRACTICE (BMP)
SD	SUPER DUTY SILT FENCE	TEMPORARY SEDIMENT TRAP	HYDROMULCH	STABILIZED CONSTRUCTION EXIT
	TURBIDITY BARRIER	DIVERSION AND PIPE DRAIN		
	RIP RAP	SANDBAGS		
	INLET PROTECTION	EXISTING/PROPOSED DRAINAGE FLOW		
	DITCH CHECK - BIOLOG	CONCRETE WASHOUT		



City of Worthington, MN 2025. All rights reserved. 3D EROSION PLAN - 3RD AVE WATER & SAN SEW (11th-13th).CAD\3D\3D EROSION.dwg 12/21/2025 4:13:58 PM



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE



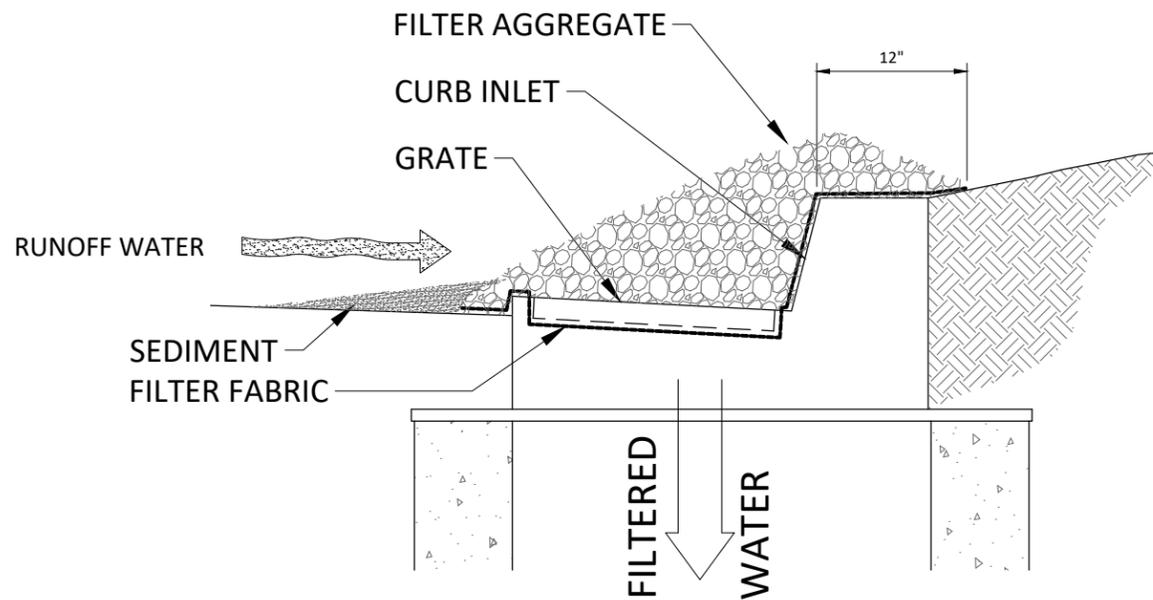
303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 2.1 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.			
26 05			

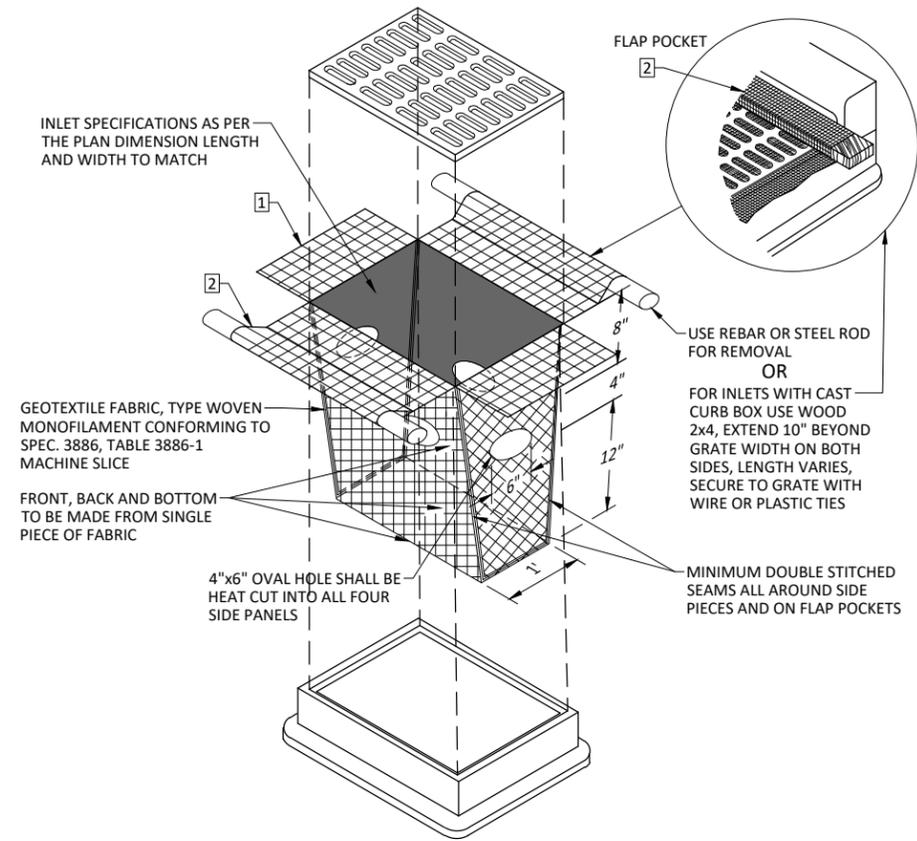
CITY OF WORTHINGTON, MINNESOTA  
 3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
 EROSION PLAN

NOTES:

1. FILTER AGGREGATE TO BE 1 TO 2 INCH CLEAN ROCK
2. FILTER FABRIC SHALL MEET MnDOT SPECIFICATION 3733 GEOTEXTILE FABRIC TYPE 3



**INLET PROTECTION  
FILTER AGGREGATE**  
NOT TO SCALE



NOTES:

- 1 INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENTS EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL IN THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
- 2 FINISHED SIZE, INCLUDING POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2x4.

INSTALLATION NOTES:

DO NOT INSTALL PROTECTION IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CLINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

**INLET PROTECTION  
GEOTEXTILE BAG**  
NOT TO SCALE

City of Worthington, MN 2025. All rights reserved. A LAND PROJECTS BY PLAN 2025 PROJECTS US 3RD AVE WATER & SAN SEW (11th-13th).CAD\CAD\3D\265\EROSION.dwg 12/21/2025 4:13:59 PM

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.  
  
HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
Exhibit 2.1 worthington.mn.us

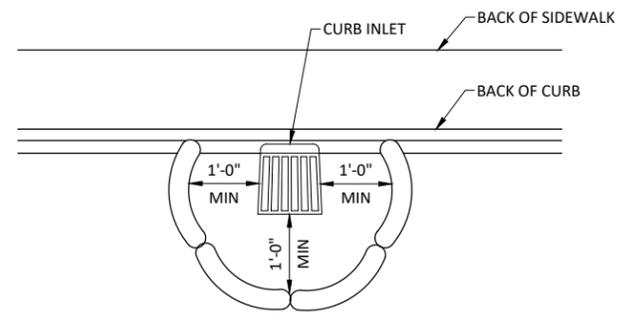
DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
DWH			
CHECKED			
CLIENT PROJ. NO.			
	26	05	

CITY OF WORTHINGTON, MINNESOTA

3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION

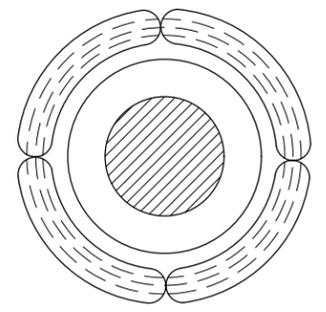
EROSION DETAILS

SHEET 19  
OF 21



NOTE:  
THIS INLET PROTECTION IS USED DURING  
ROUGH GRADING ONLY, USE BEFORE ROAD  
IS OPEN TO TRAFFIC OR IS PAVED

PAYMENT SHALL INCLUDE ALL MATERIALS,  
FILLING OF LOG, PLACEMENT,  
MAINTENANCE & REMOVAL;  
80% OF BID PRICE SHALL BE PAID UPON  
PROPER PLACEMENT WITH THE FINAL 20%  
PAID UPON REMOVAL



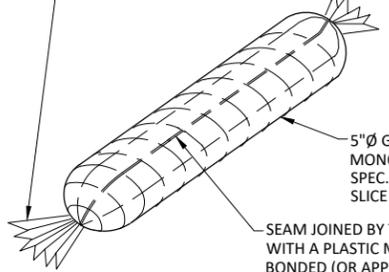
INLET PROTECTION  
WITH ROCK LOG

FILL ROCK LOG WITH 45 LBS. OF OPEN  
GRADED AGGREGATE CONSISTING OF  
SOUND, DURABLE PARTICLES OF CRUSHED  
QUARRY ROCK OR GRAVEL CONFORMING  
TO THE FOLLOWING GRADATION.

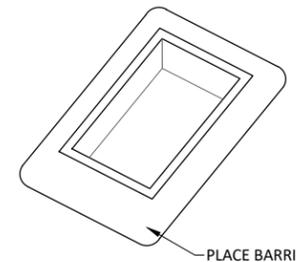
GRADATION	
SIEVE SIZE	PERCENT PASSING
1 1/2"	100
1"	95-100
3/4"	65-95
3/8"	30-65
NO 4	10-35
NO 10	3-20
NO 40	0-8
NO 200	0-3

NOTE:  
CRUSHED CONCRETE OR BITUMINOUS  
SHALL NOT BE USED FOR OPEN  
GRADED AGGREGATE.

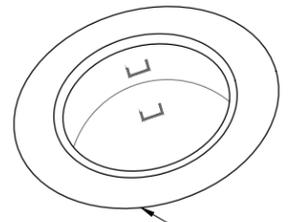
ENDS SECURELY CLOSED TO  
PREVENT LOSS OF OPEN  
GRADED AGGREGATE FILL,  
SECURED WITH 50 PSI ZIP TIE



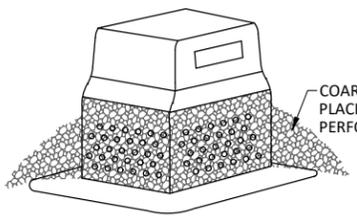
5"Ø GEOTEXTILE SOCK, TYPE WOVEN  
MONOFILAMENT CONFORMING TO  
SPEC. 3886 TABLE 3886-1. MACHINE  
SLICE  
SEAM JOINED BY TWO ROWS OF STITCHING  
WITH A PLASTIC MESH BACKING OR HEAT  
BONDED (OR APPROVED EQUAL)



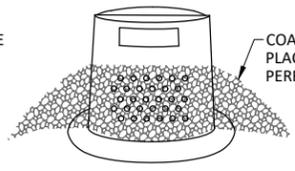
PLACE BARRIER FRAME  
ATOP PRE-CAST TOP SLAB



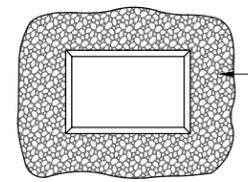
PLACE BARRIER FRAME  
ATOP PRE-CAST TOP SLAB



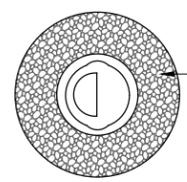
COARSE FILTER AGGREGATE  
PLACED TO COVER  
PERFORATIONS



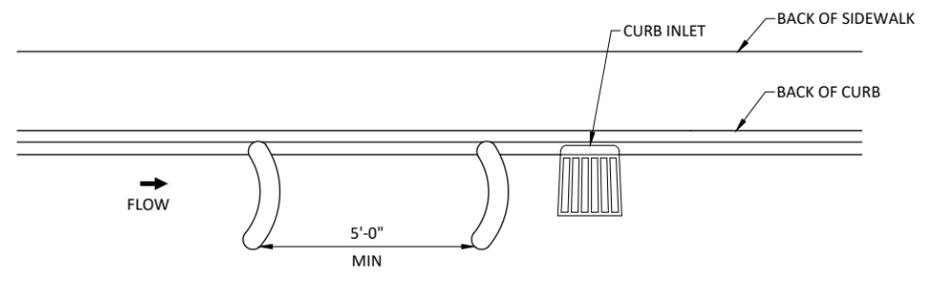
COARSE FILTER AGGREGATE  
PLACED TO COVER  
PERFORATIONS



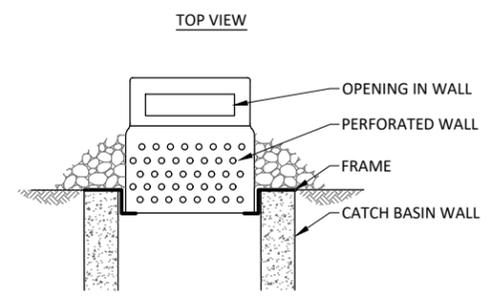
COARSE FILTER AGGREGATE  
PLACED TO COVER  
PERFORATIONS



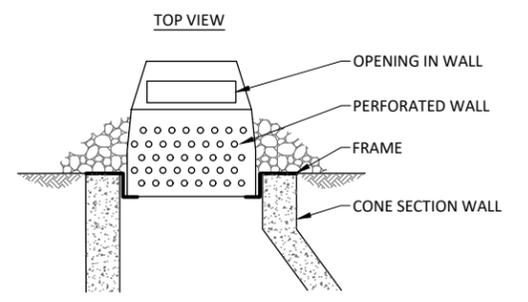
COARSE FILTER AGGREGATE  
PLACED TO COVER  
PERFORATIONS



INLET PROTECTION  
ROCK BAG  
NOT TO SCALE



INLET PROTECTION  
PERFORATED WALL  
NOT TO SCALE



City of Worthington, MN 2025. All rights reserved. 31. UNCL Projects by Team 2025 PROJECTS\25\_05\_3RD AVE WATER & SAN SEW (11th-13th)\CAD\CAD\2665EROSION.dwg 12/21/2025 4:14:01 PM

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.  
  
HYUNMYEONG GOO  
LIC. NO. 60671 DATE \_\_\_\_\_

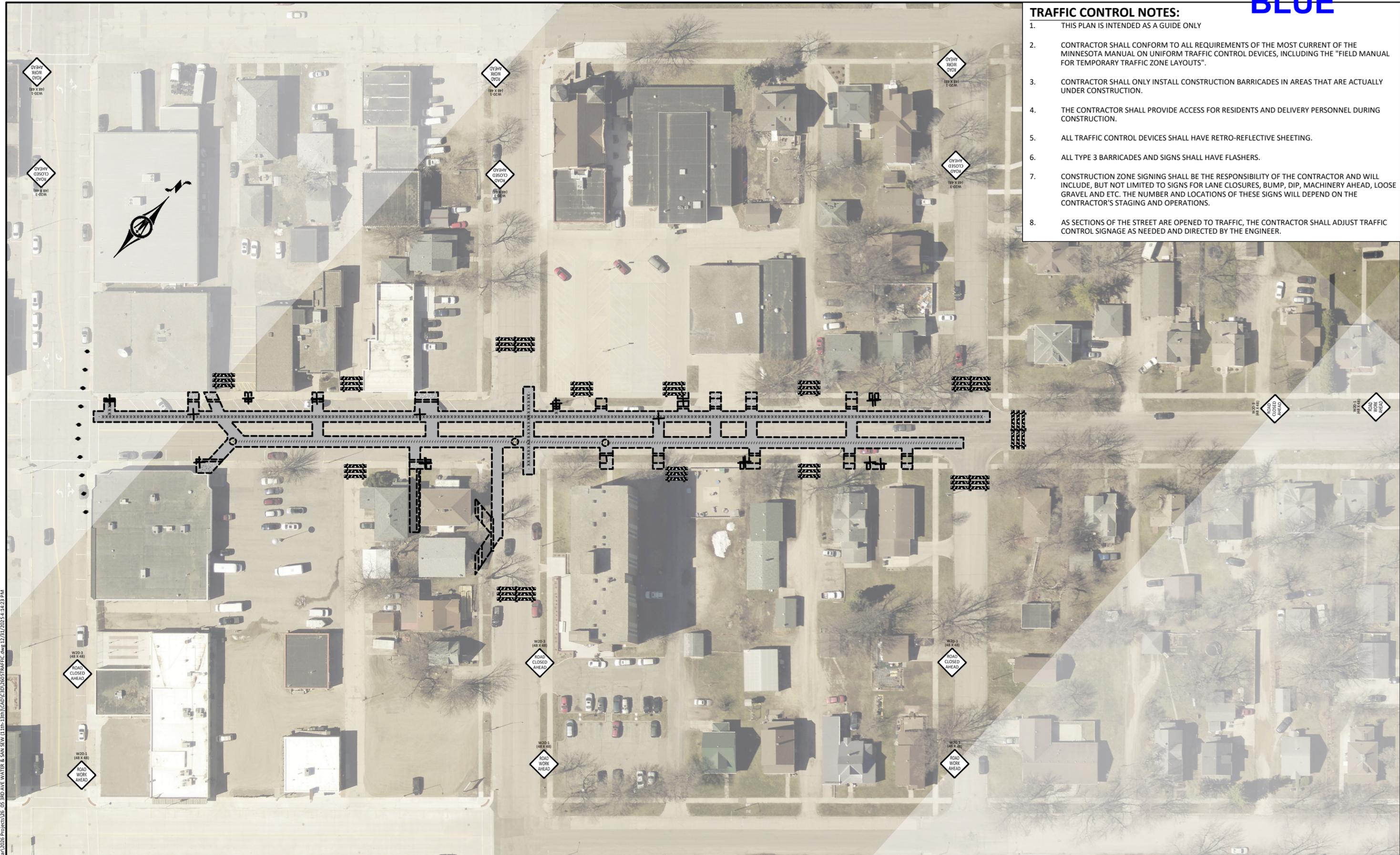


303 NINTH STREET  
WORTHINGTON, MINNESOTA 56187  
Phone: (507) 372-8640  
www.worthington.mn.us

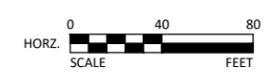
DESIGNED	NO.	ISSUED FOR	DATE
DWH			
CHECKED			
CLIENT PROJ. NO.	26 05		

CITY OF WORTHINGTON, MINNESOTA  
3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
EROSION DETAILS

- TRAFFIC CONTROL NOTES:**
1. THIS PLAN IS INTENDED AS A GUIDE ONLY
  2. CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS OF THE MOST CURRENT OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE "FIELD MANUAL FOR TEMPORARY TRAFFIC ZONE LAYOUTS".
  3. CONTRACTOR SHALL ONLY INSTALL CONSTRUCTION BARRICADES IN AREAS THAT ARE ACTUALLY UNDER CONSTRUCTION.
  4. THE CONTRACTOR SHALL PROVIDE ACCESS FOR RESIDENTS AND DELIVERY PERSONNEL DURING CONSTRUCTION.
  5. ALL TRAFFIC CONTROL DEVICES SHALL HAVE RETRO-REFLECTIVE SHEETING.
  6. ALL TYPE 3 BARRICADES AND SIGNS SHALL HAVE FLASHERS.
  7. CONSTRUCTION ZONE SIGNING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL INCLUDE, BUT NOT LIMITED TO SIGNS FOR LANE CLOSURES, BUMP, DIP, MACHINERY AHEAD, LOOSE GRAVEL AND ETC. THE NUMBER AND LOCATIONS OF THESE SIGNS WILL DEPEND ON THE CONTRACTOR'S STAGING AND OPERATIONS.
  8. AS SECTIONS OF THE STREET ARE OPENED TO TRAFFIC, THE CONTRACTOR SHALL ADJUST TRAFFIC CONTROL SIGNAGE AS NEEDED AND DIRECTED BY THE ENGINEER.



City of Worthington, MN 2025, All Rights Reserved. 3D CAD PROJECTS/25-03-3RD AVE WATER & SAN SEW (11h-13h) CAD/3D/265/TRAFFIC.dwg 12/21/2025 4:14:23 PM



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.

HYUNMYEONG GOO  
 LIC. NO. 60671 DATE \_\_\_\_\_



303 NINTH STREET  
 WORTHINGTON, MINNESOTA 56187  
 Phone: (507) 372-8640  
 Exhibit 2-1 worthington.mn.us

DESIGNED	NO.	ISSUED FOR	DATE
DRAWN			
DWH			
CHECKED			
CLIENT PROJ. NO.			
26 05			

CITY OF WORTHINGTON, MINNESOTA  
 3RD AVENUE WATER MAIN AND SANITARY SEWER CONSTRUCTION  
 TRAFFIC CONTROL PLAN

**RESOLUTION NO. 2026-02-\_\_\_\_\_**

**APPROVING PLANS AND SPECIFICATIONS AND  
ORDERING ADVERTISEMENT FOR BIDS**

**WHEREAS**, Pursuant to Resolution No. 2026-01-01, passed by the council on January 12, 2026, the city engineer has prepared plans and specifications for the improvement of the following described streets by necessary water services, sanitary service and street reconstruction:

**Third Avenue Full Street Reconstruction**  
*from 11th Street to 13th Street*

and

**WHEREAS**, said plans and specifications for said improvement have been presented to the council for approval.

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WORTHINGTON, MINNESOTA:**

1. Such plans and specifications for said improvement, a copy of which is attached hereto and made a part hereof, are hereby approved.
2. The city clerk shall prepare and cause to be inserted in the official newspaper and on QuestCDN.com an advertisement for bids upon the making of said improvement under such approved plans and specifications. The advertisement shall be published for 21 days, shall specify the work to be done, shall state that bids will be received at the office of the city clerk of the city of Worthington, Minnesota, until 2:00 p.m. on Wednesday, March 11, 2026, at which time they will be publicly opened in the council chambers of City Hall, 303 Ninth Street, Worthington, Minnesota, by a council designated committee, and bids and the responsibility of the bidders will be considered by the city council at 5:30 p.m. on Monday, March 23, 2026, in the council chambers of City Hall, 303 9<sup>th</sup> Street. Any bidder whose responsibility is questioned during consideration of the bid will be given an opportunity to address the council on the issue of responsibility. No bids will be considered unless sealed and filed with the clerk and accompanied by a cash deposit, cashier's check, bid bond or certified check payable to the clerk for five percent (5%) of the amount of the bid.

Adopted by the city council of the city of Worthington, Minnesota, this the 9<sup>th</sup> day of February, 2026.

(SEAL)

\_\_\_\_\_  
Rick VonHoldt, Mayor

Attest: \_\_\_\_\_  
Mindy L. Eggers, City Clerk

UP Real Estate Project No: 0794863

**PUBLIC PEDESTRIAN UNDERPASS CROSSING AGREEMENT**

Pedestrian Underpass  
DOT# 981544E  
MP 178.05 – Worthington Subdivision  
Worthington, Nobles County, State of Minnesota

THIS AGREEMENT ("Agreement") is made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 20\_\_ ("Effective Date"), by and between **UNION PACIFIC RAILROAD COMPANY**, a Delaware corporation, to be addressed at Real Estate Department, 1400 Douglas Street, Mail Stop 1690, Omaha, Nebraska 68179 ("Railroad") and **CITY OF WORTHINGTON**, a municipal corporation or political subdivision of the State of Minnesota to be addressed at 303 Ninth St, Worthington, Minnesota, 56187 ("Political Body").

**RECITALS:**

The Political Body desires to undertake as its project (the "Project") the removal of the existing Railroad structure and the installation of a new box culvert with below pedestrian facilities (the "Structure") located at or near Sherwood St at Railroad's MP 178.05 on Railroad's Worthington Subdivision at or near Worthington, Nobles County, State of Minnesota (the "Crossing Area"). The Crossing Area and Structure are shown on the print marked **Exhibit A** and described in the Plans marked **Exhibit A-1** with each exhibit being attached hereto and hereby made a part hereof. The Crossing Area includes the shared use pedestrian trail located within the Crossing Area is the "Roadway".

As part of the Project, the Political Body will be constructing the railroad subgrade as seen in **Exhibit A-1**. The Railroad will be removing and reconstructing the track and ballast section at the Political Body's expense to accommodate the Project.

The Railroad and the Political Body are entering into this Agreement to cover the above.

**AGREEMENT:**

NOW, THEREFORE, it is mutually agreed by and between the parties hereto as follows:

**Section 1. EXHIBIT B**

The general terms and conditions marked **Exhibit B**, are attached hereto and hereby made a part hereof.

**Section 2. RAILROAD GRANTS RIGHT**

For and in consideration **Two Thousand Dollars (\$2,000.00)** to be paid by the Political Body to the Railroad upon the execution and delivery of this Agreement and in further consideration of the Political Body's agreement to perform and comply with the terms of this Agreement, the Railroad hereby grants to the Political Body the right to construct, maintain and repair the Roadway over and across the Crossing Area.

**Section 3. DEFINITION OF CONTRACTOR**

For purposes of this Agreement the term "Contractor" shall mean the contractor or contractors hired by the Political Body to perform any Project work on any portion of the Railroad's property and shall also include the Contractor's subcontractors and the Contractor's and subcontractor's respective employees, officers and agents, and others acting under its or their authority.

**Section 4. CONTRACTOR'S RIGHT OF ENTRY AGREEMENT - INSURANCE**

A. Prior to Contractor performing any work within the Crossing Area and any subsequent maintenance and repair work, the Political Body shall require the Contractor to:

- execute the Railroad's then current Contractor's Right of Entry Agreement
- obtain the then current insurance required in the Contractor's Right of Entry Agreement; and
- provide such insurance policies, certificates, binders and/or endorsements to the Railroad.

B. The Railroad's current Contractor's Right of Entry Agreement is marked **Exhibit D**, attached hereto and hereby made a part hereof. The Political Body confirms that it will inform its Contractor that it is required to execute such form of agreement and obtain the required insurance before commencing any work on any Railroad property. Under no circumstances will the Contractor be allowed on the Railroad's property without first executing the Railroad's Contractor's Right of Entry Agreement and obtaining the insurance set forth therein and also providing to the Railroad the insurance policies, binders, certificates and/or endorsements described therein.

C. All insurance correspondence, binders, policies, certificates and/or endorsements shall be sent to:

Manager - Contracts  
Union Pacific Railroad Company  
Real Estate Department  
1400 Douglas Street, Mail Stop 1690  
Omaha, NE 68179-1690

UP File Folder No. 0805599

D. If the Political Body's own employees will be performing any of the Project work, the Political Body may self-insure all or a portion of the insurance coverage subject to the Railroad's prior review and approval.

**Section 5. FEDERAL AID POLICY GUIDE**

If the Political Body will be receiving any federal funding for the Project, the current rules, regulations and provisions of the Federal Aid Policy Guide as contained in 23 CFR 140, Subpart I and 23 CFR 646, Subparts A and B are incorporated into this Agreement by reference.

**Section 6. NO PROJECT EXPENSES TO BE BORNE BY RAILROAD**

The Political Body agrees that no Project costs and expenses are to be borne by the Railroad. In addition, the Railroad is not required to contribute any funding for the Project.

**Section 7. WORK TO BE PERFORMED BY RAILROAD; BILLING SENT TO POLITICAL BODY; POLITICAL BODY'S PAYMENT OF BILLS**

A. The work to be performed by the Railroad, at the Political Body's sole cost and expense, is described in the Railroad's Material and Force Account Estimate dated August 25, 2025, marked **Exhibit C**, attached hereto and hereby made a part hereof (the "Estimate"). As set forth in the Estimate, the Railroad's estimated cost for the Railroad's work associated with the Project is **Three Hundred Thousand Six Hundred Eighty Seven Dollars (\$300,687.00)**.

B. The Railroad, if it so elects, may recalculate and update the Estimate submitted to the Political Body in the event the Political Body does not commence construction on the portion of the Project located on the Railroad's property within six (6) months from the date of the Estimate.

C. The Political Body acknowledges that the Estimate does not include any estimate of flagging or other protective service costs that are to be paid by the Political Body or the Contractor in connection with flagging or other protective services provided by the Railroad in connection with the Project. All of such costs incurred by the Railroad are to be paid by the Political Body or the Contractor as determined by the Railroad and the Political Body. If it is determined that the Railroad will be billing the Contractor directly for such costs, the Political Body agrees that it will pay the Railroad for any flagging costs that have not been paid by any Contractor within thirty (30) days of the Contractor's receipt of billing.

D. The Railroad shall send progressive billing to the Political Body during the Project and final billing to the Political Body within one hundred eighty (180) days after

receiving written notice from the Political Body that all Project work affecting the Railroad's property has been completed.

E. The Political Body agrees to reimburse the Railroad within thirty (30) days of its receipt of billing from the Railroad for one hundred percent (100%) of all actual costs incurred by the Railroad in connection with the Project including, but not limited to, all actual costs of engineering review (including preliminary engineering review costs incurred by Railroad prior to the Effective Date of this Agreement), construction, inspection, flagging (unless flagging costs are to be billed directly to the Contractor), procurement of materials, equipment rental, manpower and deliveries to the job site and all direct and indirect overhead labor/construction costs including Railroad's standard additive rates.

## **Section 8. PLANS**

A. The Political Body, at its expense, shall prepare, or cause to be prepared by others, the detailed plans and specifications for the Project and the Structure and submit such plans and specifications to the Railroad's Assistant Vice President Engineering-Design, or his authorized representative, for prior review and approval. The plans and specifications shall include all Roadway layout specifications, cross sections and elevations, associated drainage, and other appurtenances.

B. The final one hundred percent (100%) completed plans that are approved in writing by the Railroad's Assistant Vice President Engineering-Design, or his authorized representative, are hereinafter referred to as the "Plans". The Plans are hereby made a part of this Agreement by reference.

C. No changes in the Plans shall be made unless the Railroad has consented to such changes in writing.

D. The Railroad's review and approval of the Plans will in no way relieve the Political Body or the Contractor from their responsibilities, obligations and/or liabilities under this Agreement, and will be given with the understanding that the Railroad makes no representations or warranty as to the validity, accuracy, legal compliance or completeness of the Plans and that any reliance by the Political Body or Contractor on the Plans is at the risk of the Political Body and Contractor.

## **Section 9. NON-RAILROAD IMPROVEMENTS**

A. Submittal of plans and specifications for protecting, encasing, reinforcing, relocation, replacing, removing and abandoning in place all non-railroad owned facilities (the "Non Railroad Facilities") affected by the Project including, without limitation, utilities, fiber optics, pipelines, wirelines, communication lines and fences is required under Section 8. The Non Railroad Facilities plans and specifications shall comply with Railroad's standard specifications and requirements, including, without limitation, American Railway Engineering and Maintenance-of-Way Association ("AREMA")

standards and guidelines. Railroad has no obligation to supply additional land for any Non Railroad Facilities and does not waive its right to assert preemption defenses, challenge the right-to-take, or pursue compensation in any condemnation action, regardless if the submitted Non Railroad Facilities plans and specifications comply with Railroad's standard specifications and requirements. Railroad has no obligation to permit any Non Railroad Facilities to be abandoned in place or relocated on Railroad's property.

B. Upon Railroad's approval of submitted Non Railroad Facilities plans and specifications, Railroad will attempt to incorporate them into new agreements or supplements of existing agreements with Non Railroad Facilities owners or operators. Railroad may use its standard terms and conditions, including, without limitation, its standard license fee and administrative charges when requiring supplements or new agreements for Non Railroad Facilities. Non Railroad Facilities work shall not commence before a supplement or new agreement has been fully executed by Railroad and the Non Railroad Facilities owner or operator, or before Railroad and Political Body mutually agree in writing to (i) deem the approved Non Railroad Facilities plans and specifications to be Plans pursuant to Section 8B, (ii) deem the Non Railroad Facilities part of the Structure, and (iii) supplement this Agreement with terms and conditions covering the Non Railroad Facilities.

#### **Section 10. EFFECTIVE DATE; TERM; TERMINATION**

A. This Agreement is effective as of the Effective Date first herein written and shall continue in full force and effect for as long as the Roadway remains on the Railroad's property.

B. The Railroad, if it so elects, may terminate this Agreement effective upon delivery of written notice to the Political Body in the event the Political Body does not commence construction on the portion of the Project located on the Railroad's property within twelve (12) months from the Effective Date.

C. If the Agreement is terminated as provided above, or for any other reason, the Political Body shall pay to the Railroad all actual costs incurred by the Railroad in connection with the Project up to the date of termination, including, without limitation, all actual costs incurred by the Railroad in connection with reviewing any preliminary or final Project Plans.

#### **Section 11. CONDITIONS TO BE MET BEFORE POLITICAL BODY CAN COMMENCE WORK**

Neither the Political Body nor the Contractor may commence any work within the Crossing Area or on any other Railroad property until:

- (i) The Railroad and Political Body have executed this Agreement.
- (ii) The Railroad has provided to the Political Body the Railroad's written

approval of the Plans.

- (iii) Each Contractor has executed Railroad's Contractor's Right of Entry Agreement and has obtained and/or provided to the Railroad the insurance policies, certificates, binders, and/or endorsements required under the Contractor's Right of Entry Agreement.
- (iv) Each Contractor has given the advance notice(s) required under the Contractor's Right of Entry Agreement to the Railroad Representative named in the Contractor's Right of Entry Agreement.

## **Section 12. FUTURE PROJECTS**

Future projects involving substantial maintenance, repair, reconstruction, renewal and/or demolition of the Roadway shall not commence until Railroad and Political Body agree on the plans for such future projects, cost allocations, right of entry terms and conditions and temporary construction rights, terms and conditions.

## **Section 13. ASSIGNMENT; SUCCESSORS AND ASSIGNS**

A. Political Body shall not assign this Agreement without the prior written consent of Railroad.

B. Subject to the provisions of Paragraph A above, this Agreement shall inure to the benefit of and be binding upon the successors and assigns of Railroad and Political Body.

## **Section 14. SPECIAL PROVISIONS PERTAINING TO AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009**

If the Political Body will be receiving American Recovery and Reinvestment Act ("ARRA") funding for the Project, the Political Body agrees that it is responsible in performing and completing all ARRA reporting documents for the Project. The Political Body confirms and acknowledges that Section 1512 of the ARRA provisions applies only to a "recipient" receiving ARRA funding directing from the federal government and, therefore, (i) the ARRA reporting requirements are the responsibility of the Political Body and not of the Railroad, and (ii) the Political Body shall not delegate any ARRA reporting responsibilities to the Railroad. The Political Body also confirms and acknowledges that (i) the Railroad shall provide to the Political Body the Railroad's standard and customary billing for expenses incurred by the Railroad for the Project including the Railroad's standard and customary documentation to support such billing, and (ii) such standard and customary billing and documentation from the Railroad provides the information needed by the Political Body to perform and complete the ARRA reporting documents. The Railroad confirms that the Political Body and the Federal Highway Administration shall have the right to audit the Railroad's billing and documentation for the Project as provided in Section 11 of **Exhibit B** of this Agreement.

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed as of the Effective Date first herein written.

**UNION PACIFIC RAILROAD COMPANY**  
*(Federal Tax ID #94-6001323)*

By: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**CITY OF WORTHINGTON**

By: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**EXHIBIT A  
TO  
PUBLIC PEDESTRIAN UNDERPASS CROSSING  
AGREEMENT**

**Exhibit A** will be a print showing the Crossing Area (see Recitals)

BLUE



STRUCTURE CROSSING AREA: 1,800 SQ.FT. +/-

AT GRADE TRAIL CROSSING: 2,107 SQ.FT. +/-

TOTAL CROSSING AREA: 2,900 SQ.FT. +/-

LEGEND:

STRUCTURE OVER TRAIL CROSSING 

TRAIL CROSSING UNDER TRACK 

UPRRCO, R/W OUTLINED 

NOTE: BEFORE YOU BEGIN ANY WORK, SEE AGREEMENT FOR FIBER OPTIC PROVISIONS.

EXHIBIT "A"

UNION PACIFIC RAILROAD COMPANY

WORTHINGTON, NOBLES COUNTY, MN

M.P. 178.05 - WORTHINGTON SUB.

OMA/MN/V8/SL21

SCALE: 1" = 50'

OFFICE OF REAL ESTATE  
OMAHA, NEBRASKA DATE: 8-13-2025

DSK FILE: 0794863

CADD FILENAME 0794863

SCAN FILENAME AERIAL PRINT

Exhibit 3

**EXHIBIT A-1  
TO  
PUBLIC PEDESTRIAN UNDERPASS CROSSING  
AGREEMENT**

**Exhibit A-1** will be the Plans for the Crossing Area

DESIGN DATA

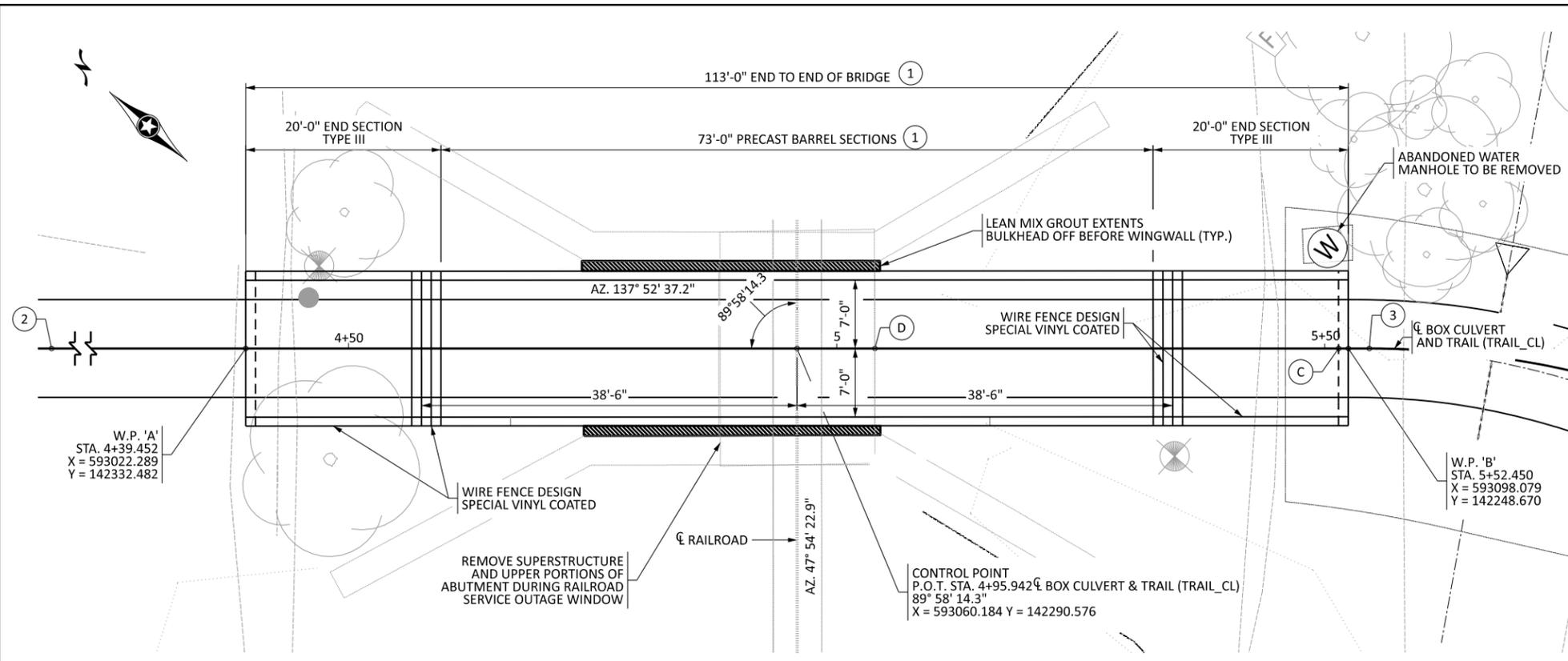
DESIGNED IN ACCORDANCE WITH 2022 AREMA DESIGN SPECIFICATIONS

COOPER E80 LIVE LOAD  
BARREL INSIDE WIDTH = 14'-0"  
BARREL INSIDE HEIGHT = 10'-0"  
BARREL LENGTH = 73'-0"  
EST. MAX. FILL DEPTH (C) = 7.0 FT.  
SKEW ANGLE = 0°

DESIGN SPEED = 20 MPH (TRAIL)

MATERIAL DESIGN PROPERTIES:  
PRECAST CONCRETE:  
f<sub>c</sub> = 6 KSI f<sub>y</sub> = 60 KSI REINF.  
OR f<sub>y</sub> = 65 KSI STEEL FABRIC

- 1 ALONG CL TRAIL-LOOKING NORTH
- 2 PT STA. 3+21.993 CL BOX CULVERT & TRAIL (TRAIL\_CL)  
X = 592943.507 Y = 142419.602
- 3 PC STA. 5+54.598 CL BOX CULVERT & TRAIL (TRAIL\_CL)  
X = 593099.520 Y = 142247.076



GENERAL PLAN - 14'-0" X 10'-0" PRECAST CONCRETE BOX CULVERT

LIST OF SHEETS

NO.	DESCRIPTION
B1	GENERAL PLAN AND ELEVATION
B2	TRANSVERSE SECTION & SCHEDULE OF QUANTITIES
B3	PRECAST CONCRETE BARREL DETAILS
B4-B5	PRECAST CONCRETE END SECTION
B6	FENCE DETAILS
B7	AS-BUILT BRIDGE DATA
B8	BRIDGE SURVEY
B9	BORINGS & PLAN PROFILE
B10	CONDUIT SYSTEM DETAILS
B11	SOIL BORING DATA

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.

RYAN EVANS  
LIC. NO. 53920 DATE DATE



MINNESOTA DEPARTMENT OF TRANSPORTATION

BRIDGE NO. R1073

14' X 10' CONCRETE BOX CULVERT  
WORTHINGTON PED UNDERPASS UNDER  
UNION PACIFIC RAILROAD LOCATED 0.3 MILES  
NORTH EAST OF SOUTH LAKE STREET

IDENTIFICATION NO. 513

GENERAL PLAN AND ELEVATION

SEC. 26 T 102 N R 40 W  
CITY OF WORTHINGTON NOBLES COUNTY

APPROVED: STATE BRIDGE ENGINEER DATE

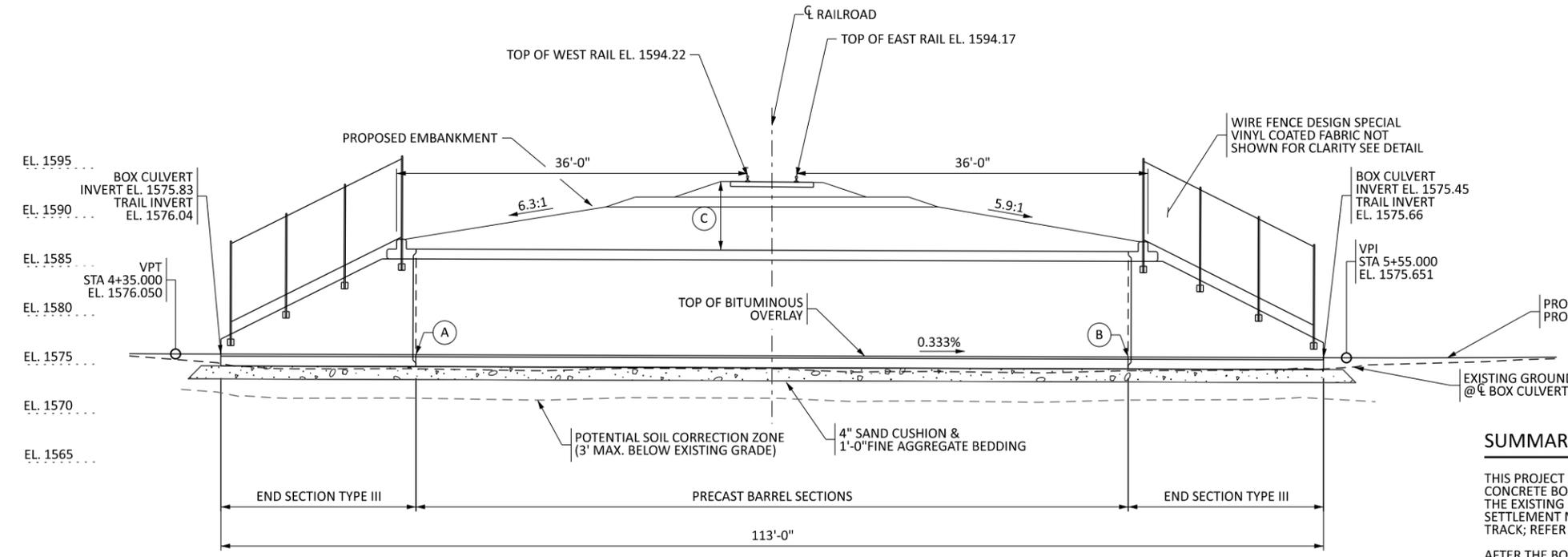
DES. KFM DRN. LCS R1073  
CHK. LCS CHK. ERB

APPROVED: CITY OF WORTHINGTON DATE

SUMMARY OF WORK:

THIS PROJECT ENTAILS THE PLACEMENT OF A PRECAST CONCRETE BOX CULVERT PEDESTRIAN UNDERPASS BENEATH THE EXISTING RR BRIDGE PRIOR TO REMOVAL FROM SERVICE. SETTLEMENT MONITORING IS TO BE PERFORMED ON THE TRACK; REFER TO SPECIAL PROVISIONS FOR DETAILS.

AFTER THE BOX CULVERT HAS BEEN PLACED AND PARTIALLY BACKFILLED THE EXISTING RR BRIDGE IS TO BE REMOVED FROM SERVICE AND ADDITIONAL EMBANKMENT CONSTRUCTION WILL COMMENCE. CONTRACTOR TO COORDINATE WITH UPRR FOR RECONSTRUCTION OF TRACK AND BALLAST, TO BE PERFORMED BY UPRR WITHIN THE SERVICE OUTAGE WINDOW, ANTICIPATED TO BE NO MORE THEN 12 HOURS.

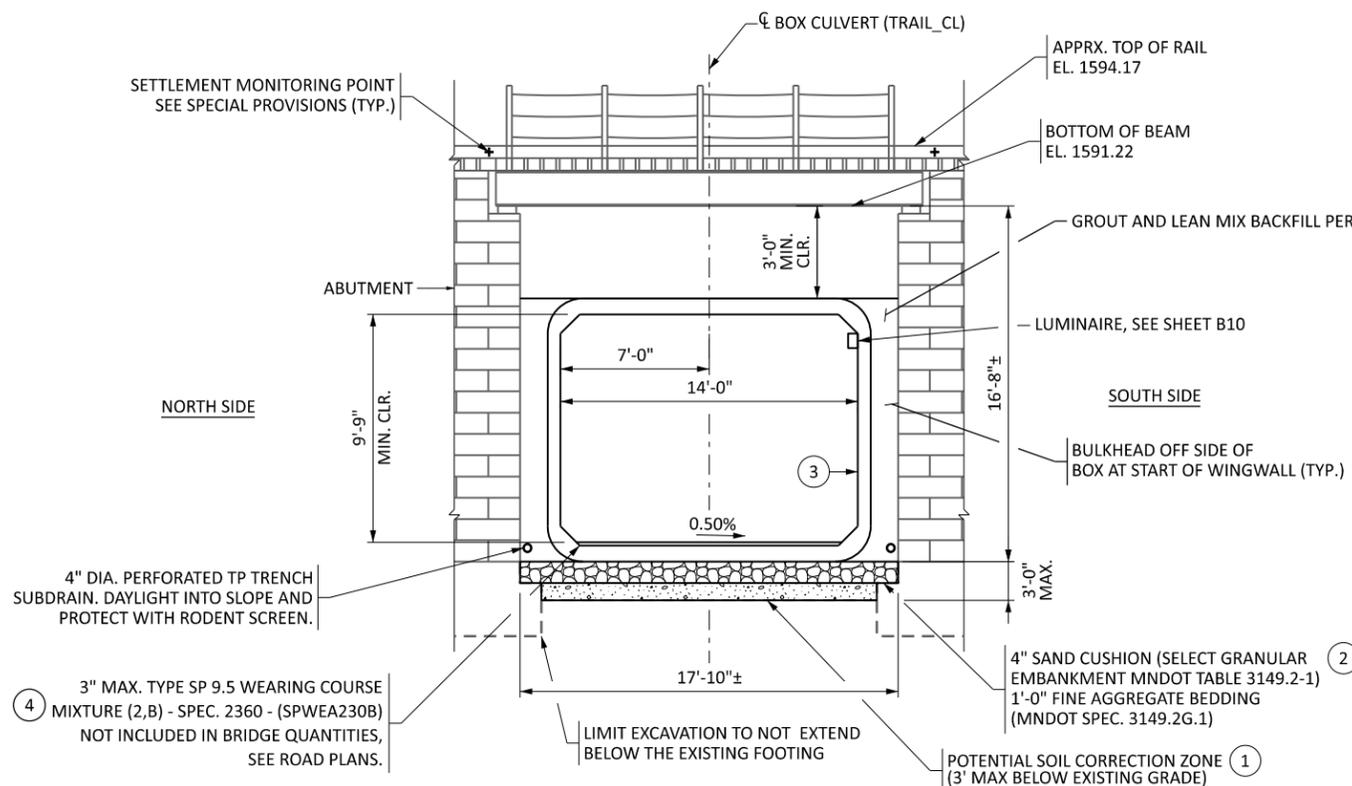


GENERAL ELEVATION - 14'-0" X 10'-0" PRECAST CONCRETE BOX CULVERT

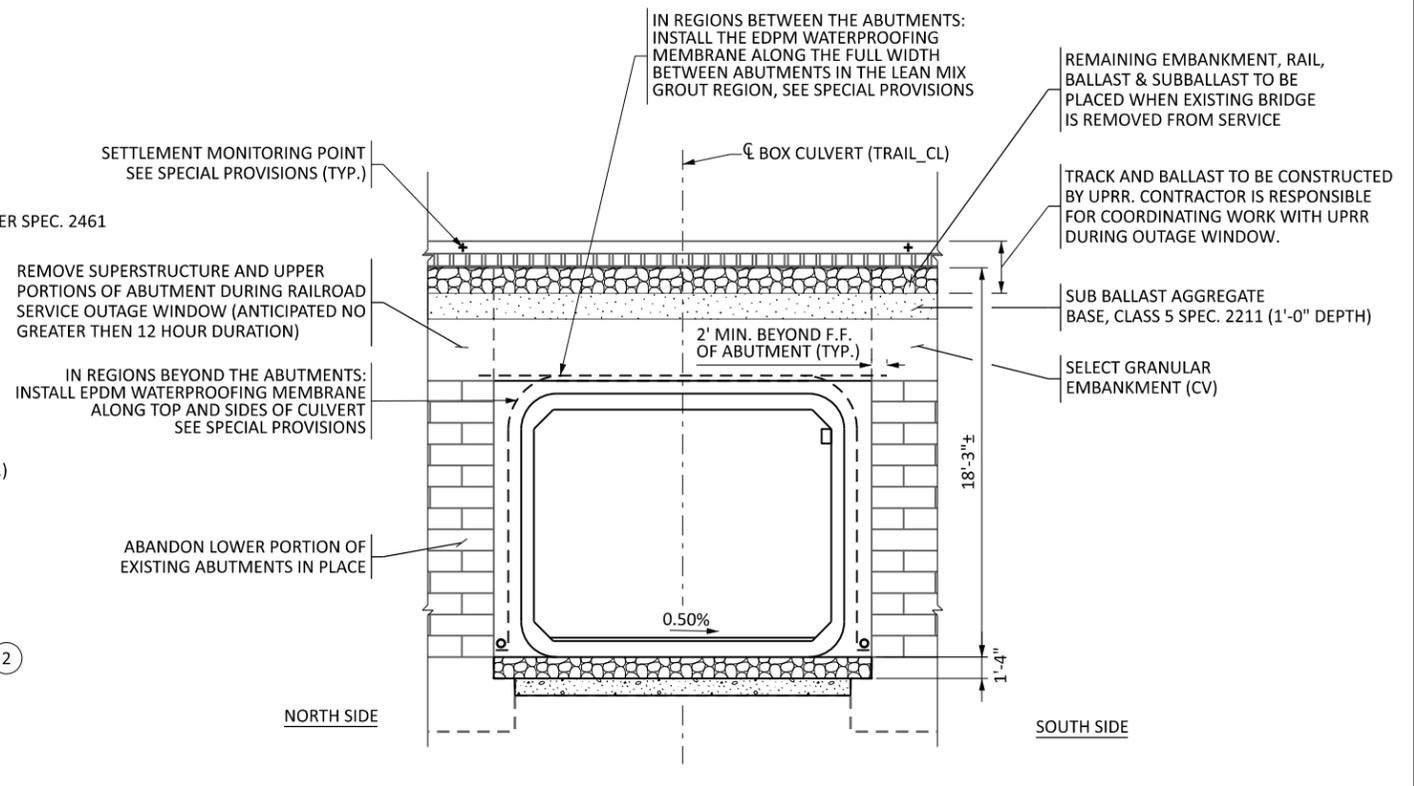
ALONG CL TRAIL-LOOKING NORTH

- A BEGIN PRECAST BARREL  
TOP OF BITUMINOUS TRAIL EL. 1575.97  
INVERT EL. 1575.76
- B END PRECAST BARREL  
TOP OF BITUMINOUS TRAIL EL. 1575.73  
INVERT EL. 1575.52

H:\WGTM\0F1131262\CAD\ORD\WGTM-0F1131262\Bridges\BR1073\_s12001.dgn  
BML\_tbl  
pdf-B and W.pltcfgr  
luke.smith  
12/3/2025 10:13:00 AM



PROPOSED CONSTRUCTION PRIOR TO RAILROAD SERVICE OUTAGE



PROPOSED FINAL CONDITION

**TRACK MONITORING NOTES:**

SETTLEMENT MONITORING SHALL BE PERFORMED FROM THE BEGINNING OF CONSTRUCTION ACTIVITIES UNTIL THE COMPLETION OF TRACK CONSTRUCTION AND TWO SUBSEQUENT DATA COLLECTIONS SHOWING NO FURTHER SETTLEMENT.

INSTALL TWO MONITORING POINTS ON SIDES OF TRACK AT THE ONSET OF CONSTRUCTION. REINSTALL MONITORING POINTS AFTER TRACK IS REPLACED.

**CONSTRUCTION NOTES:**

THE 2025 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPEC. 2411 AND 2412, EXCEPT AS NOTED.

THE BAR SIZES SHOWN IN THIS PLAN ARE IN U.S. CUSTOMARY DESIGNATIONS.

ALL EXPOSED CONCRETE EDGES SHALL BE FORMED WITH A 1/2" OR 3/4" CHAMFER UNLESS OTHERWISE NOTED.

THIS PLAN USES COLOR (BLUE) TO DEPICT REINFORCEMENT BARS AND/OR WELDED WIRE FOR CONCRETE REINFORCEMENT. THE COLOR IS FOR INFORMATIONAL PURPOSES ONLY TO AID PLAN READABILITY DURING CONSTRUCTION. ANY CONSTRUCTION PLAN ERRORS REGARDING DEPICTED COLOR ONLY ARE NOT SUBJECT TO MONETARY CLAIMS.

SCHEDULE OF QUANTITIES - BRIDGE			
ITEM NO.	ITEM	UNIT	TOTAL
2011.601	SETTLEMENT MONITORING	LUMP SUM	1
2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	292 (P)
2211.507	AGGREGATE BASE (CV) CLASS 5	CU YD	60 (P)
2411.601	STRUCTURE EXCAVATION	LUMP SUM	1
2411.628	ANTI-GRAFFITI COATING	SQ. FT.	1860 (P)
2412.502	14X10 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2
2412.503	14X10 PRECAST CONCRETE BOX CULVERT	LIN FT	73 (P)
2451.507	FINE AGGREGATE BEDDING (CV)	CU YD	206
2481.601	MEMBRANE WATERPROOFING SYSTEM	LUMP SUM	1
2502.601	DRAINAGE SYSTEM	LUMP SUM	1
2520.507	LEAN MIX BACKFILL	CU YD	27 (P)
2545.501	CONDUIT SYSTEM	LUMP SUM	1
2557.503	WIRE FENCE DESIGN SPECIAL VINYL COATED	LIN. FT.	105 (P)

(P) DENOTES PLAN QUANTITY PAY ITEM AS PER MNDOT SPEC. 1901.  
 QUANTITIES INCLUDED IN THE STATEMENT OF ESTIMATED QUANTITIES

- ① UNDOCUMENTED FILL AND TOPSOIL MATERIALS BENEATH FINE AGGREGATE BEDDING SHALL BE REMOVED AND REPLACED WITH ENGINEERED FILL TO THE LIMITS OF THE POOR MATERIAL, OR A MAXIMUM SUBCUT OF 3 FT BELOW EXISTING GRADE, WHICHEVER IS SHALLOWER. IN NO CASE SHALL EXCAVATION EXTEND BELOW THE BOTTOM OF THE EXISTING BRIDGE FOOTINGS. NEW ENGINEERED FILL SHOULD CONSIST OF SOILS SUBSTANTIALLY MATCHING THE EXISTING SOIL TYPE: CLAYEY SAND AND SANDY LEAN CLAY. ALL FILL SHOULD BE FREE OF DEBRIS, RUBBLE, ORGANICS, AND OTHER UNSUITABLE MATERIALS. ALL FILL SHOULD BE COMPACTED WITH EQUIPMENT WHICH WILL DENSIFY THE ENTIRE LIFT. FILL SHOULD NOT BE PLACED OVER FROZEN SOILS, AND FROZEN SOILS SHOULD NOT BE USED AS FILL. FILL PLACED TO ATTAIN GRADE FOR CULVERT SUPPORT BELOW THE BEDDING SHOULD BE COMPACTED IN THIN LIFTS, SUCH THAT THE ENTIRE LIFT ACHIEVES A MINIMUM COMPACTION LEVEL OF 98% OF THE STANDARD MAXIMUM DRY UNIT WEIGHT PER ASTM D698 (STANDARD PROCTOR TEST). ALL FILL SHOULD BE CONDITIONED TO EXHIBIT WATER CONTENTS WITHIN A RANGE OF -1% TO +3% OF THE RESPECTIVE MATERIAL'S OPTIMUM WATER CONTENT AS DETERMINED BY THE STANDARD PROCTOR TEST. SUBCUT WORK HAS BEEN ESTIMATED AT A DEPTH OF 3' BELOW EXISTING GRADE AND SHALL BE PAID FOR AS "FINE AGGREGATE BEDDING (CV)".
- ② CULVERT BEDDING MATERIAL SHOULD BE PLACED AND COMPACTED PER THE REQUIREMENTS OF MNDOT SPEC. 2451.3C.2 AND 2106.
- ③ APPLY ANTI-GRAFFITI COATING TO SIDE FACES INSIDE OF BOX CULVERT. SEE SPECIAL PROVISIONS.
- ④ 2% MAX. DEPTH AT  $\bar{C}$  OF BOX CULVERT. SLOPE OVERLAY AT 0.5% NORTH TO SOUTH INSIDE BOX CULVERT. TRANSITION TRAIL SLOPE OUTSIDE OF BOX CULVERT. SEE TRAIL PLANS.

DOT 981544E MP 178.054, WORTHINGTON SUB

H:\WG\1131262\CAD\ORD\WG\1131262\Bridges\BR1073\_s12002.dgn  
 pdf-B and W.plt:cg  
 12/3/2025 10:13:05 AM  
 BML\_tbl  
 luke.smith

NO.	DATE	BY	CHK.	REVISIONS

**BOLTON & MENK**

7533 SUNWOOD DRIVE N.W.  
 RAMSEY, MINNESOTA 55303  
 Phone: (763) 433-2851  
 Email: Ramsey@bolton-menk.com  
 www.bolton-menk.com

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.

RYAN B. [Signature]  
 LIC. NO. 53920 DATE \_\_\_\_\_

TITLE: **TRANSVERSE SECTION STATEMENT OF QUANTITIES**

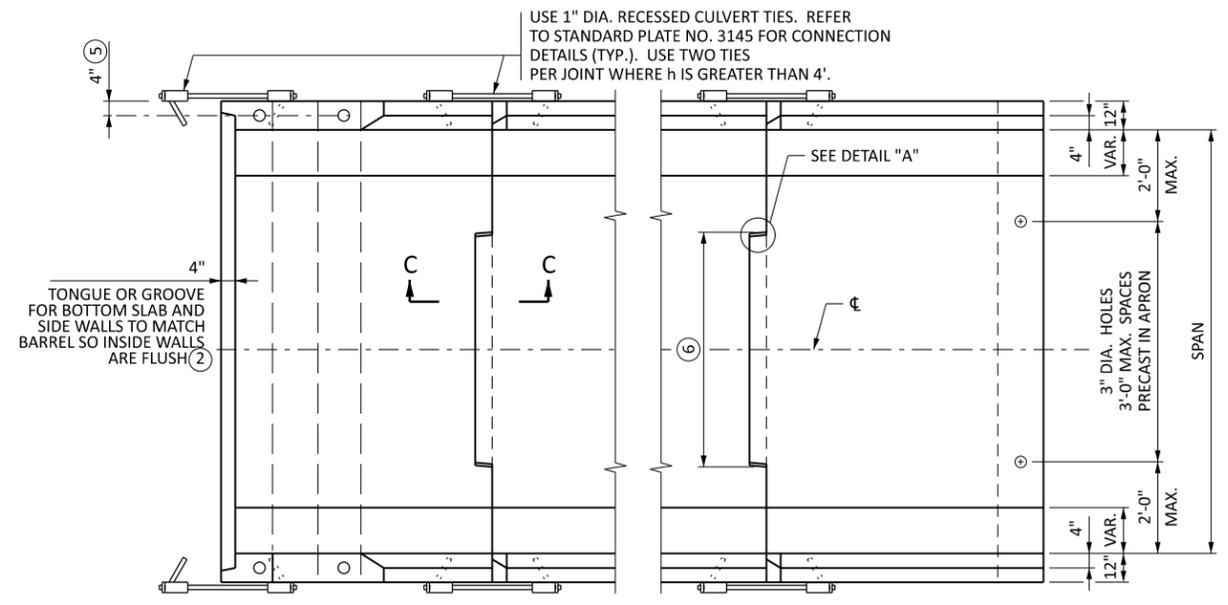
DESIGNED KFM	DRAWN LCS	APPROVED
CHECKED LCS	CHECK RRE	
SP 177-090-006		
SHEET NO. B2 OF B11 SHEETS		

BRIDGE NO. **R1073**

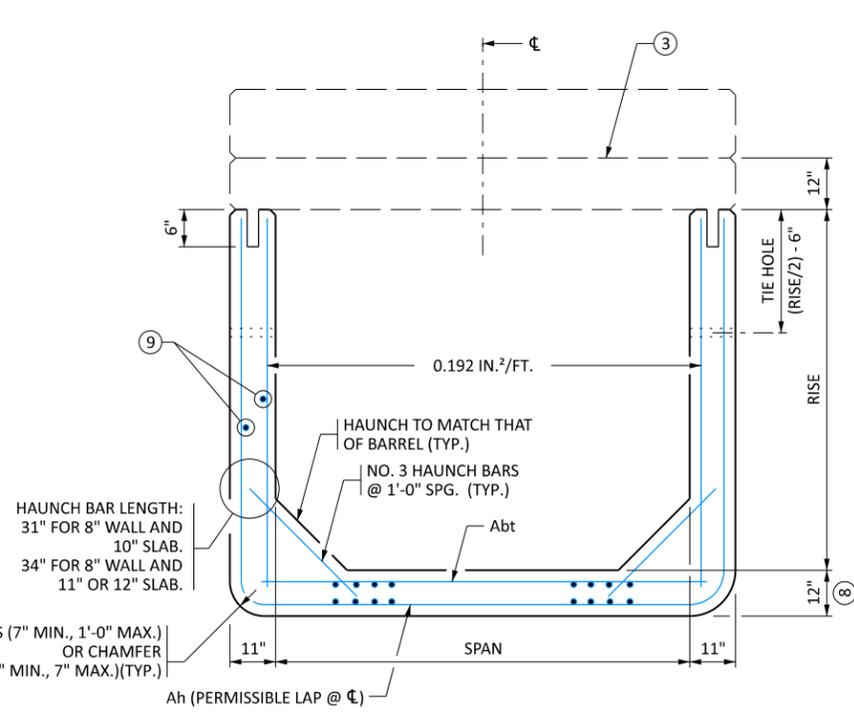


**CONSTRUCTION NOTES**

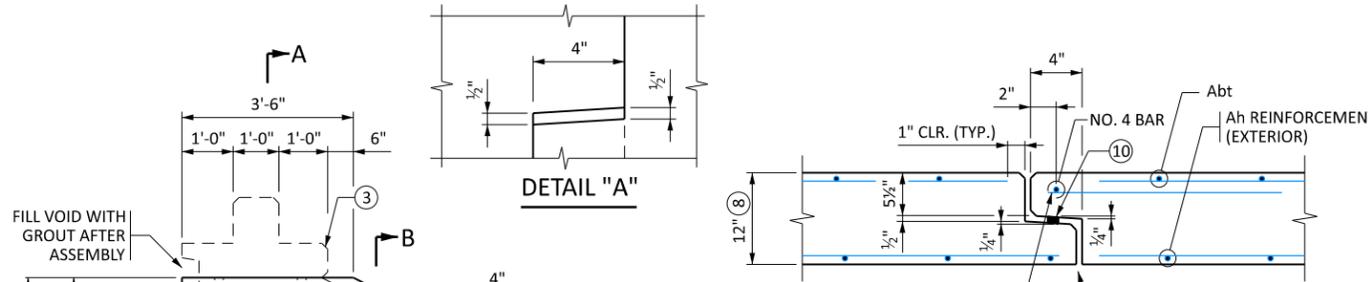
- REFER TO STANDARD FIG. 5-395.101(A) AND FIG. 5-395.101(B) FOR ADDITIONAL DIMENSIONS AND CONSTRUCTION NOTES.
- USE CONCRETE MIX NO. 3W82 MODIFIED WITH 25% MAXIMUM FLY ASH CONTENT & SLUMP RANGE OF 1"-5" WITH NO CALCIUM CHLORIDE ALLOWED.
- ON ALL END SECTIONS FOR WATERWAYS, USE DROPWALLS ON INLET AND OUTLET ENDS.
- REFER TO STANDARD FIG. 5-395.115 FOR EMBANKMENT PROTECTION.
- FINISH ALL EXPOSED EDGES OF CONCRETE WITH 1/2" OR 3/4" CHAMFER OR RADIUS UNLESS OTHERWISE NOTED.
- WITH DOUBLE BOXES LOCATE DROPWALL JOINTS BETWEEN END SECTIONS. REFER TO STANDARD FIG. 5-395.111 FOR ALTERNATE DROPWALLS. LIMITS OF EXCAVATION FOR DROPWALL ARE APPROXIMATELY THE SAME AS DROPWALL DIMENSIONS. DROPWALL CONCRETE MIX IS 3G52, OR 3W82 IF PRECAST. FURNISHING AND INSTALLATION OF DROPWALL TO BE INCLUDED IN PRICE BID FOR END SECTIONS. DROPWALL NOT REQUIRED FOR NON-WATERWAY USE.
  - CHECK LOCATION TO DETERMINE WHETHER A TONGUE OR A GROOVE IS USED.
  - REFER TO STANDARD FIG. 5-395.104 (2 OF 2) FOR LINTEL BEAM DETAILS.
  - FILL HOLE WITH GROUT. PROVIDE GROUT IN ACCORDANCE WITH THE MNDOT APL "PRE-BLENDED, DRY, AIR-ENTRAINED, BAGGED MORTAR MIX FOR UTILITY/SEWER APPLICATIONS". PREVENT BLEEDOUT.
  - 2" DIAMETER HOLE, 6" DEEP IN TOP OF THE SECTION WALL.
  - 3'-6" MIN. TONGUE AND 3'-7" MIN. GROOVE FOR CULVERTS WITH 6'-0" SPANS. 5'-0" MIN. TONGUE AND 5'-1" MIN. GROOVE FOR CULVERTS WITH SPANS GREATER THAN 6'-0". CENTER TONGUE AND GROOVE ON CL OF EACH APRON JOINT. TONGUE AND GROOVE JOINT ON ALL THREE SIDES OF APRON IS PERMISSIBLE. REFER TO TONGUE AND GROOVE JOINT DETAIL ON STANDARD FIGURE 5-395.101(A) AND 5-395.101(B) WHEN THIS OPTION IS USED.
  - WELDED WIRE REINFORCEMENT OF EQUAL AREA MAY BE SUBSTITUTED FOR REBAR.
  - APRON BOTTOM SLAB THICKNESS MAY BE 8" FOR CULVERTS WITH 6' SPANS ONLY. BOTTOM SLAB THICKNESS MAY BE INCREASED UP TO 2" MAX. PROVIDED CONCRETE COVER IS 1 1/2" MIN., 2" MAX.
  - PLACE LONGITUDINAL REINFORCEMENT PERPENDICULAR TO THE CULVERT SPAN WITH A MINIMUM OF 0.06 SQUARE INCHES PER PERIPHERAL FOOT ON ALL FACES OF THE BARREL.
  - REFER TO SPEC. 2412 FOR SEALANT REQUIREMENTS.



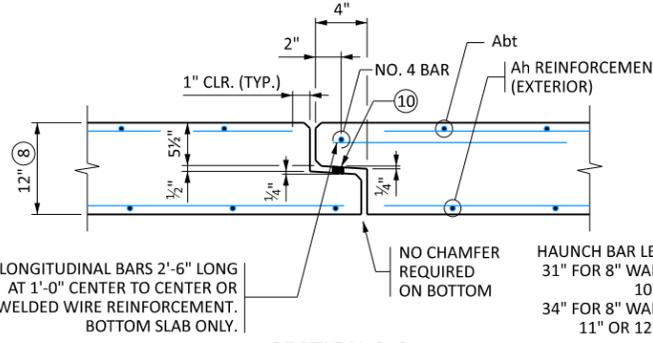
**PLAN VIEW**  
SOME REINFORCEMENT NOT SHOWN



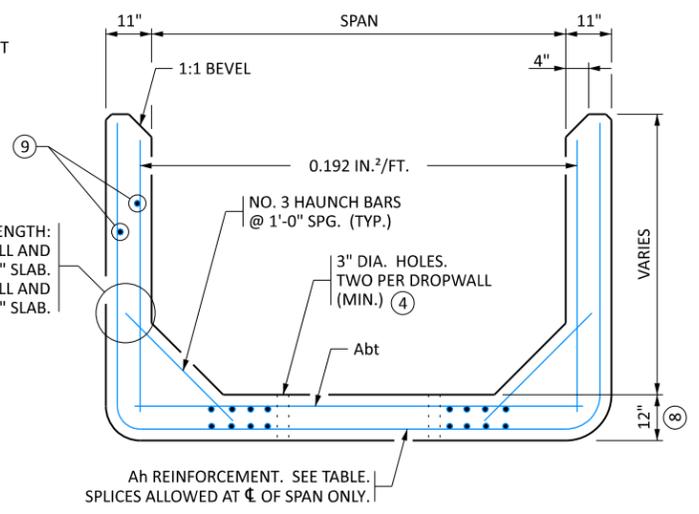
**SECTION A-A**



**DETAIL 'A'**



**SECTION C-C**

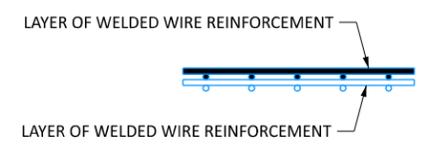


**SECTION B-B**

Abt REINFORCEMENT	
SPAN (FT.)	Abt (IN <sup>2</sup> /FT.)
6-10	0.20
12	0.30
14	0.39
16	0.39

APRON DIMENSIONS & Ah REINFORCEMENT																
RISE FT.	L FT.	SECTION 1		h2	SECTION 2		h3	SECTION 3		h4	SECTION 4		h5	SECTION 5		h6
		X	Ah		Y	Ah		Z	Ah		ZZ	Ah		ZZZ	Ah	
4	8	4'	0.192	1'-9" (3'-9")	4'	0.192	(1'-9")									
5	10	6'	0.192	3'-9"	4'	0.192	1'-9"									
6	12	6'	0.192	4'-9"	6'	0.192	1'-9"									
7	14	6'	0.192	5'-9"	8' (4')	0.192	1'-9" (3'-9")	4'	0.192	(1'-9")						
8	16	6'	0.20	6'-9"	6'	0.192	3'-9"	4'	0.192	1'-9"						
9	18	6'	0.29	7'-9"	6'	0.20	4'-9"	6'	0.192	1'-9"						
10	20	6'	0.42	8'-9"	6'	0.29	5'-9"	8' (4')	0.192	1'-9" (3'-9")	4'	0.192	(1'-9")			
11	22	6'	0.60	9'-9"	6'	0.42	6'-9"	6'	0.192	3'-9"	4'	0.192	1'-9"			
12	24	6'	0.78	10'-9"	6'	0.60	7'-9"	6'	0.20	4'-9"	6'	0.192	1'-9"			
13	26	6'	1.03	11'-9"	6'	0.78	8'-9"	6'	0.28	5'-9"	8' (4')	0.192	1'-9" (3'-9")	4'	0.192	(1'-9")
14	28	6'	1.38	12'-9"	6'	1.03	9'-9"	6'	0.40	6'-9"	6'	0.192	3'-9"	4'	0.192	1'-9"

NOTE: Ah IS AREA OF REINFORCEMENT PER FOOT OF LENGTH (IN<sup>2</sup>/FT.) VALUES IN ( ) MAY BE USED FOR END SECTIONS WITH SPANS OF 14' AND 16' ONLY.



**REINFORCEMENT LAYER DETAIL**

WHEN MORE THAN ONE LAYER OF WELDED WIRE REINFORCEMENT IS USED TO OBTAIN THE REQUIRED REINFORCEMENT AREAS, PLACE THE WIRES OF THE WELDED WIRE REINFORCEMENT AS SHOWN.

**MODIFICATIONS:**

- SPECIAL DESIGN FOR AREMA COOPER E80 LIVE LOAD
- ADDITIONAL REQUIREMENTS ON CONCRETE MIX DESIGN TO LIMIT FLY ASH CONTENT TO 25%, MODIFIED SLUMP RANGE, AND RESTRICTION ON CALCIUM CHLORIDE.
- END SECTION SIDEWALL THICKNESS
- END SECTION BOTTOM SLAB THICKNESS
- RECESSED CULVERT TIES

REVISION: AUGUST 21, 2024  
APPROVED: MARCH 24, 2011  
*Nancy Smitth*  
STATE BRIDGE ENGINEER

DOT 981544E MP 178.054, WORTHINGTON SUB

STATE PROJ. NO. 177-090-006

FIG. 5-395.104 (1 OF 2) MOD.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

CERTIFIED BY: RYAN EVANS  
LICENSED PROFESSIONAL ENGINEER  
DATE: 5/31/2024  
LIC. NO.: 53920

TITLE: **PRECAST CONCRETE END SECTION TYPE III - SINGLE OR MULTIPLE BARREL FOR SKEWS UP TO 7 1/2'**

DES: KFM  
CHK: LCS  
DR: LCS  
CHK: RRE  
APPROVED: \_\_\_\_\_  
BRIDGE NO. **R1073**  
SHEET NO. **B4 OF B11 SHEETS**

H:\WG\1131262\CAD\ORD\WG\1131262\Bridg\brR1073\_sup002.dgn  
luke.smitth  
12/3/2025 10:13:08 AM  
BMI\_rfb

CONSTRUCTION NOTES

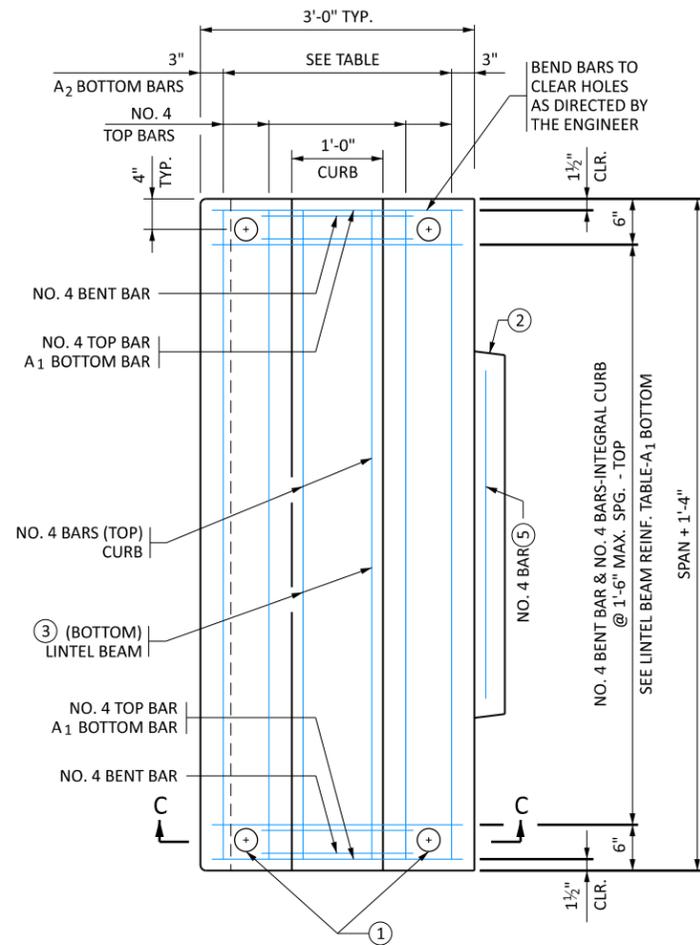
REFER TO STANDARD FIG. 5-395.101(A) AND FIG. 5-395.101(B) FOR ADDITIONAL DIMENSIONS AND CONSTRUCTION NOTES.

ALL END SECTIONS REQUIRE CURB ON LINTEL BEAM.

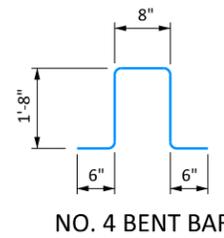
- ① 3" DIA. HOLE THROUGH LINTEL BEAM AND 2" DIA. HOLE IN TOP OF WALL SECTION. PLACE NO. 8 DOWEL, 1'-0" LONG, IN HOLE AND FILL HOLE WITH GROUT. PROVIDE GROUT IN ACCORDANCE WITH THE MnDOT APL "PRE-BLENDED, DRY, AIR-ENTRAINED, BAGGED MORTAR MIX FOR UTILITY/SEWER APPLICATIONS". PREVENT BLEEDOUT.
- ② CHECK THE LOCATION TO DETERMINE WHETHER A TONGUE OR A GROOVE IS USED. TONGUE AND GROOVE TO TERMINATE AT HAUNCH OF BARREL SECTION.
- ③ FOR SPANS UNDER 10'-0" USE NO. 8 BARS. FOR SPANS OF 10'-0" TO 12'-0" USE NO. 9 BARS. FOR 14'-0" AND 16'-0" SPAN, USE NO. 10 BARS.
- ④ ALTERNATE BAR BEND MAY BE USED FOR NO. 4 BENT BAR.
- ⑤ NO. 4 BAR IN TONGUE MAY BE REPLACED WITH EQUIVALENT WELDED WIRE REINFORCEMENT.

LINTEL BEAM BOTTOM REINFORCEMENT		
SPAN (FT.)	A <sub>1</sub>	A <sub>2</sub>
6	NO. 4 @ 1'-2"	NO. 4 @ 9½"
8	NO. 4 @ 8"	NO. 5 @ 8"
10	NO. 5 @ 8"	NO. 6 @ 7½"
12	NO. 5 @ 6"	NO. 6 @ 6"
14	NO. 6 @ 6"	NO. 7 @ 6"
16	NO. 6 @ 6"	NO. 7 @ 6"

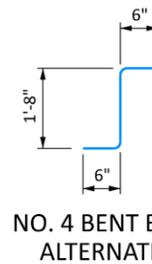
NOTE: MAXIMUM BAR SPACING GIVEN,  
REDUCE AS NECESSARY



PLAN VIEW OF SQUARE LINTEL BEAM

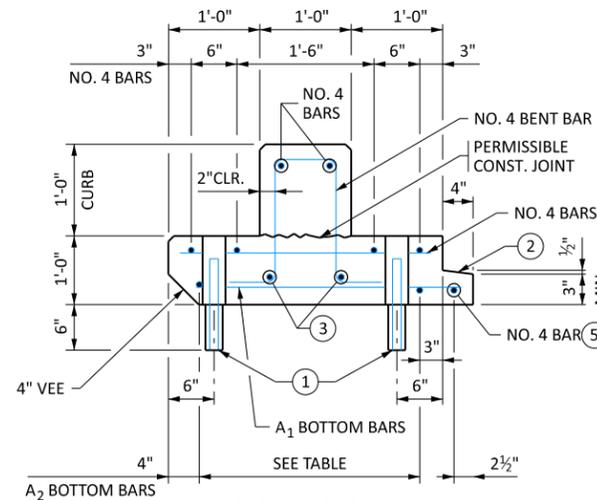


NO. 4 BENT BAR



NO. 4 BENT BAR  
ALTERNATE

④  
2 REQUIRED



SECTION C-C

INTEGRAL CURB WITH TONGUE.  
ADDITIONAL REINFORCEMENT IN TONGUE NOT SHOWN.

MODIFICATIONS:  
LINTEL BEAM THICKNESS  
BAR BEND DETAILS

REVISION: AUGUST 21, 2024  
APPROVED: MARCH 24, 2011  
*Nancy S. Moberger*  
STATE BRIDGE ENGINEER

DOT 981544E MP 178.054, WORTHINGTON SUB

STATE PROJ. NO. 177-090-006

FIG. 5-395.104 (2 OF 2) MOD.

REV. NO.	DATE	REVISION DESCRIPTION	BY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

CERTIFIED BY:

NAME: RYAN EVANS

EXHIBIT 3

TITLE:

PRECAST CONCRETE END SECTION  
TYPE III - SINGLE OR MULTIPLE BARREL  
FOR SKEWS UP TO 7½'

DES: KFM  
CHK: LCS

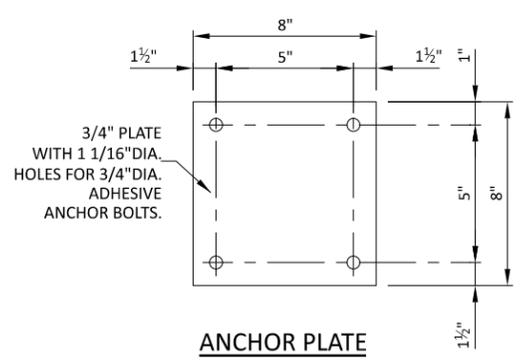
DR: LCS  
CHK: RRE

APPROVED:

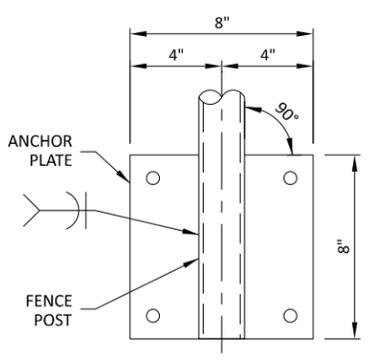
BRIDGE NO.  
R1073

SHEET NO. B5 OF B11 SHEETS

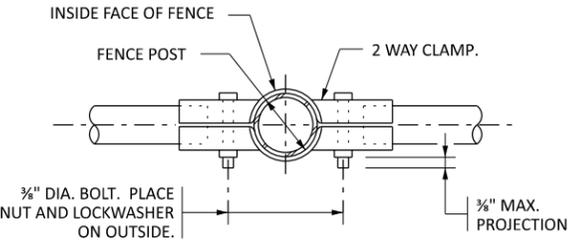
BLUE



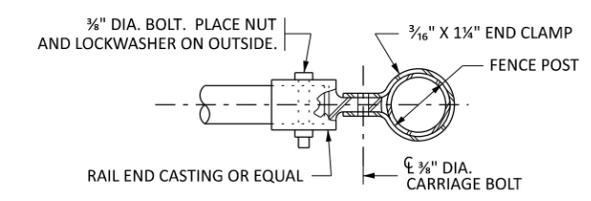
ANCHOR PLATE



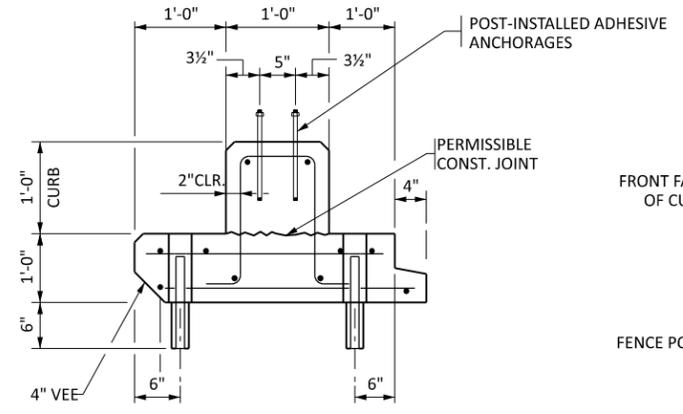
TYPE "A" POST ANCHORAGE



JUNCTION "Y"

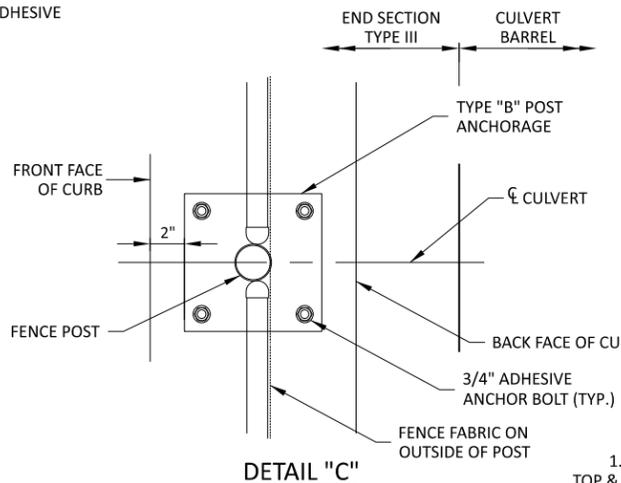


JUNCTION "Z"

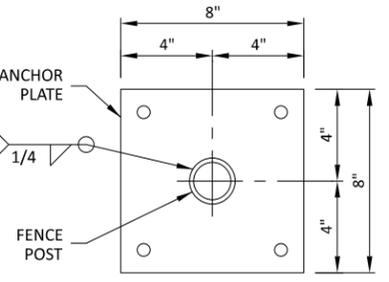


LINTEL BEAM ANCHOR BOLTS

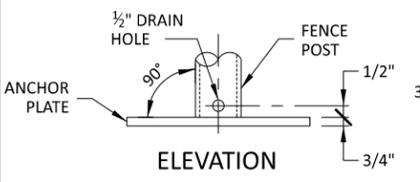
SEE BRIDGE PLANS FOR REINFORCEMENT DETAILS



DETAIL "C"

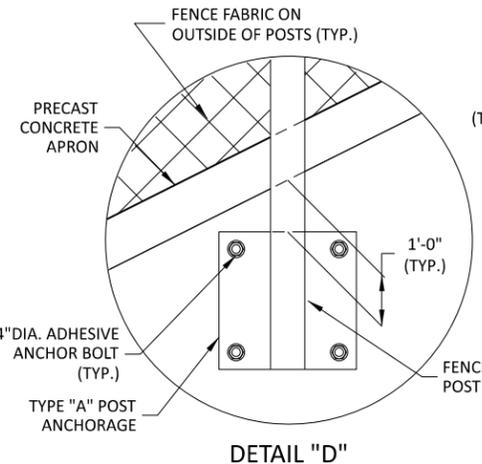


PLAN

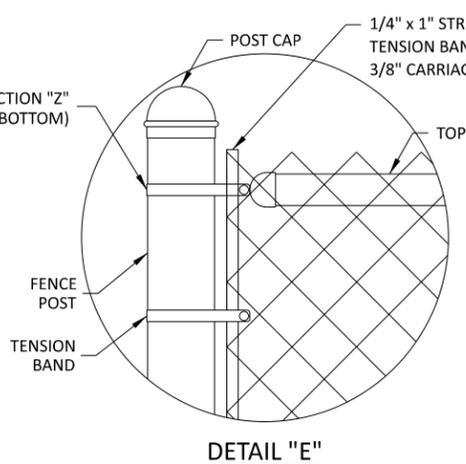


ELEVATION

TYPE "B" POST ANCHORAGE



DETAIL "D"



DETAIL "E"

FENCE NOTES:

ADHESIVE ANCHOR BOLTS SHALL HAVE 5" MIN. EMBEDMENT AND BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. INSTALLED ANCHORS SHALL HAVE A MIN. DESIGN PULL OUT STRENGTH OF 6.2 KIPS. PROVIDE ADHESIVE WITH A MIN. CHARACTERISTIC BOND STRENGTH IN UNCRACKED CONCRETE OF 1.5 KSI.

PRICE BID FOR "WIRE FENCE DESIGN SPECIAL VINYL COATED" INCLUDES ALL POSTS, PLATES, WELDING, FENCE FABRIC, ANCHORAGES AND TIES.

ALL FENCE COMPONENTS SHALL BE BLACK VINYL COATED.

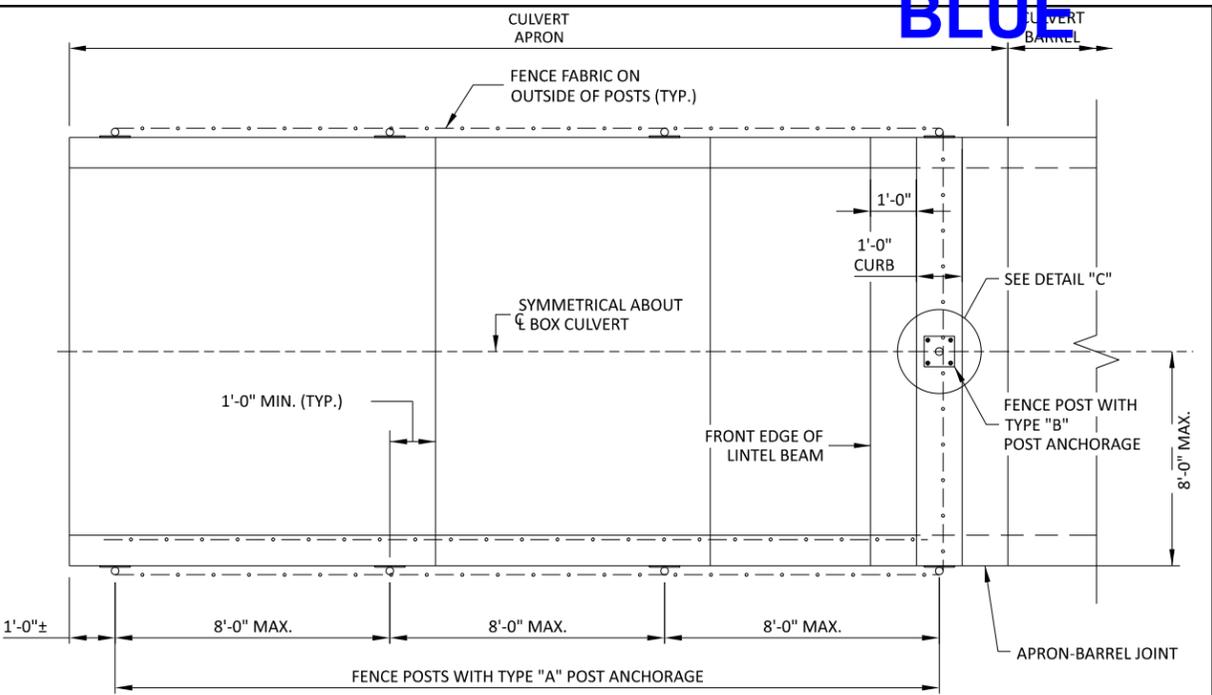
THE CONTRACTOR SHALL MARK THE LOCATION OF ALL FENCE POSTS AND BRACKETS IN THE FIELD ONE WEEK PRIOR TO INSTALLATION FOR THE ENGINEER TO REVIEW AND APPROVE.

REFER TO SPEC. 2557 AND SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS AND BASIS OF PAYMENT.

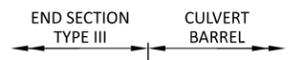
PROVIDE WIRE TIES WITH 9 GA. (0.148" CORE) ALUMINUM PER ASTM B 211, ALLOY 1100 H18 WITH VINYL COATING (6 GA. AFTER COATING) OR 10 GA. (0.135" CORE) STEEL CL. 3 GALV. WIRE WITH FUSION BONDED VINYL COATING (9 GA. AFTER COATING). USE SAME VINYL THICKNESS COATING REQUIREMENTS AS VINYL COATED FABRIC. TIES SHALL BE SPACED AT 1'-0" MAX.

INSTALL FENCE POSTS AND ANCHORAGES VERTICAL UNLESS OTHERWISE NOTED. MAX. SPACING FOR VERTICAL PIPE POSTS IS 8 FT, UTILIZE ADDITIONAL POSTS AS REQ'D. CONTINUOUSLY GROUND ALL METAL FENCE.

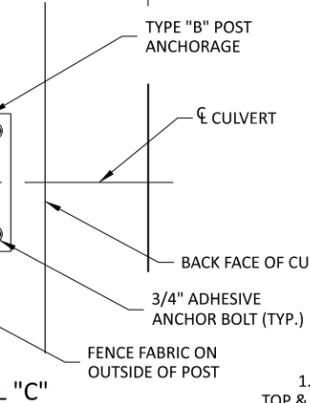
POST AND RAIL MATERIAL SHALL BE STD. SCHEDULE 40 PIPE (FY=35KSI MIN) OR EQUIVALENT STRENGTH DQ-40 PIPE (FY=50 KSI MIN).



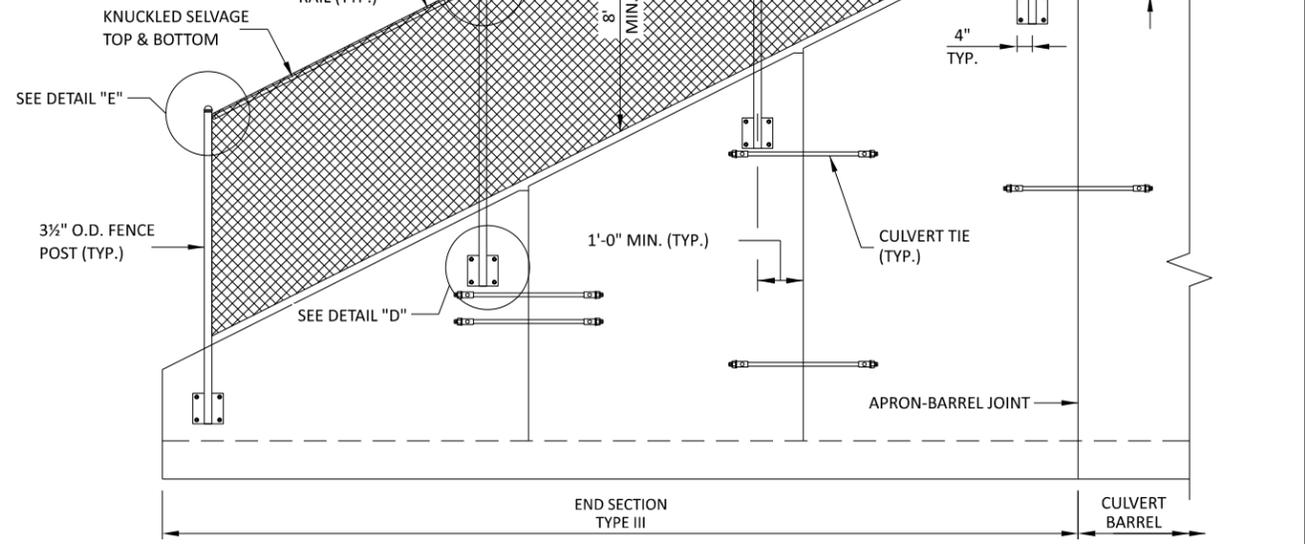
FENCING PLAN



END SECTION TYPE III



DETAIL "C"



FENCING ELEVATION

DOT 981544E MP 178.054, WORTHINGTON SUB

H:\WG\1131262\CAD\ORD\WG\1131262\Bridge\brR1073\_sup004.dgn  
BML\_tbl  
pdf-B and W.pltcfgr  
luke.smith  
12/3/2025 10:13:10 AM

NO.	DATE	BY	CHK.	REVISIONS



7533 SUNWOOD DRIVE N.W.  
RAMSEY, MINNESOTA 55303  
Phone: (763) 433-2851  
Email: Ramsey@bolton-menk.com  
www.bolton-menk.com

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.  
RYAN B. HANSEN  
LIC. NO. 53920 DATE

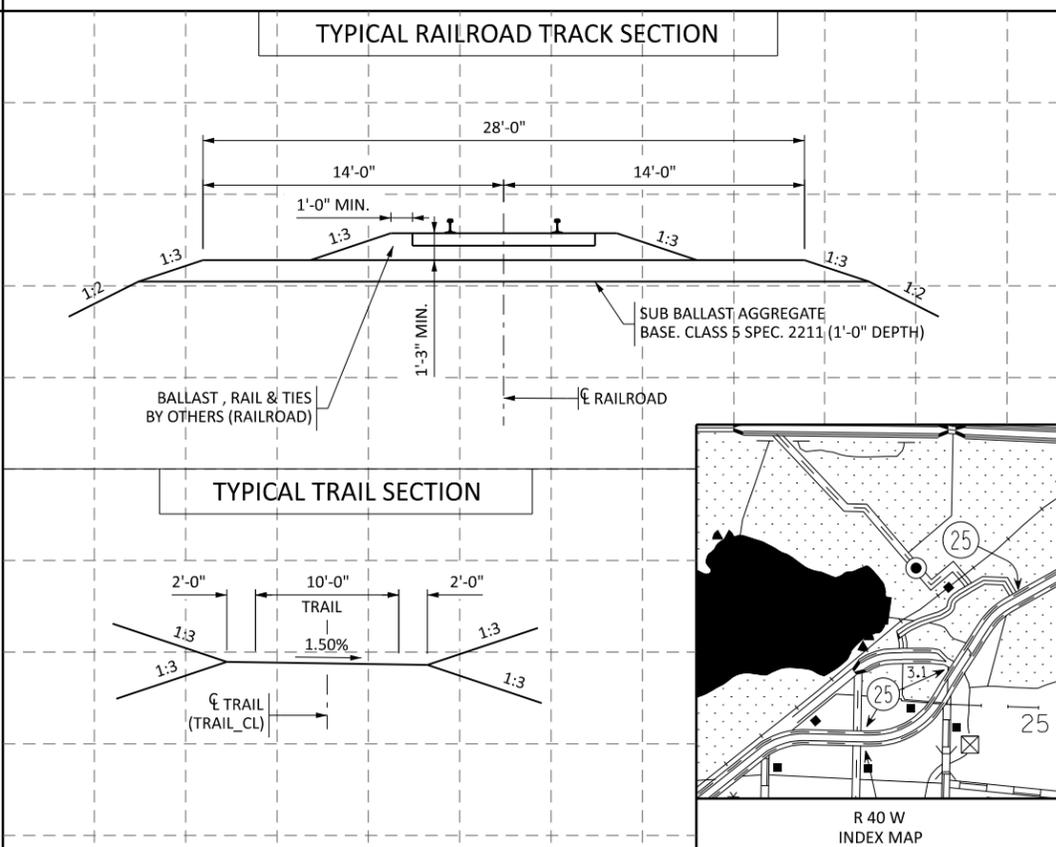
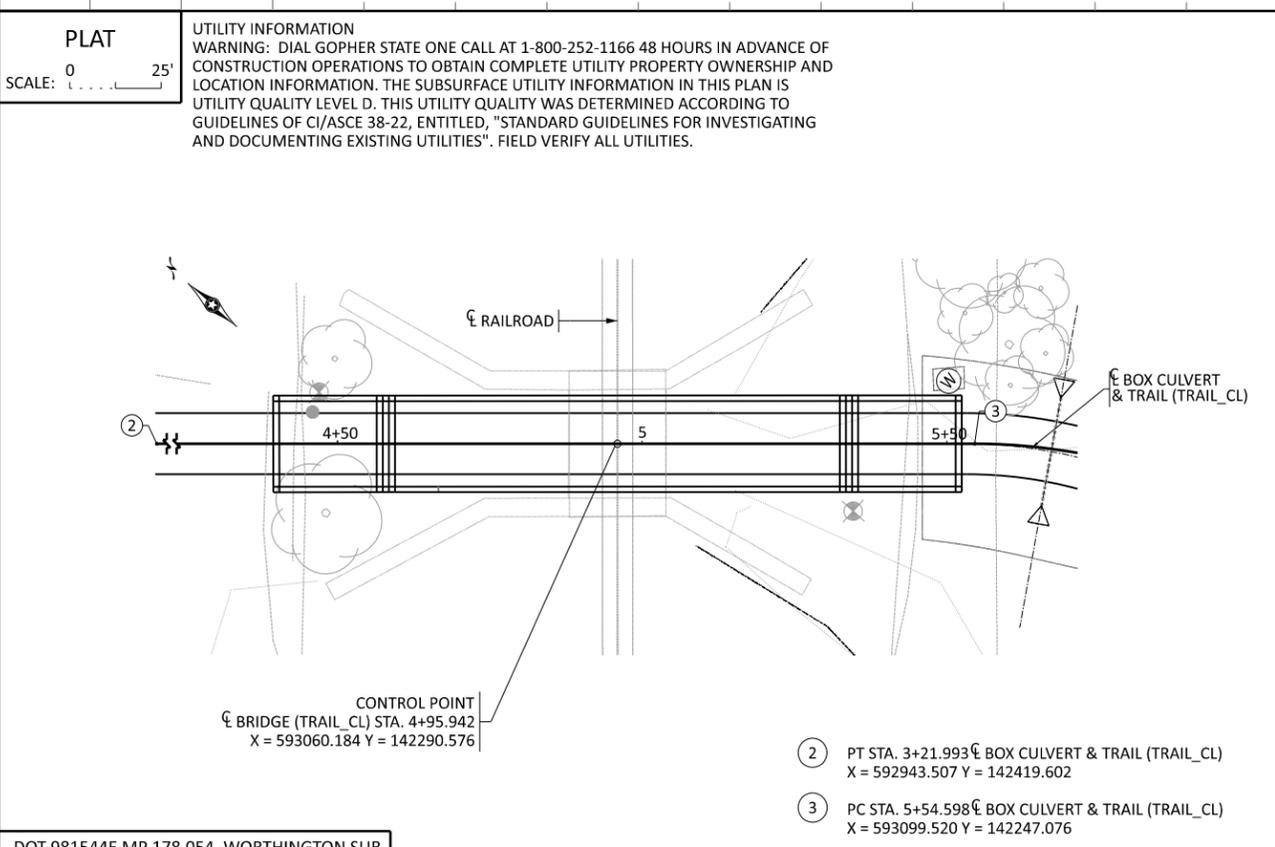
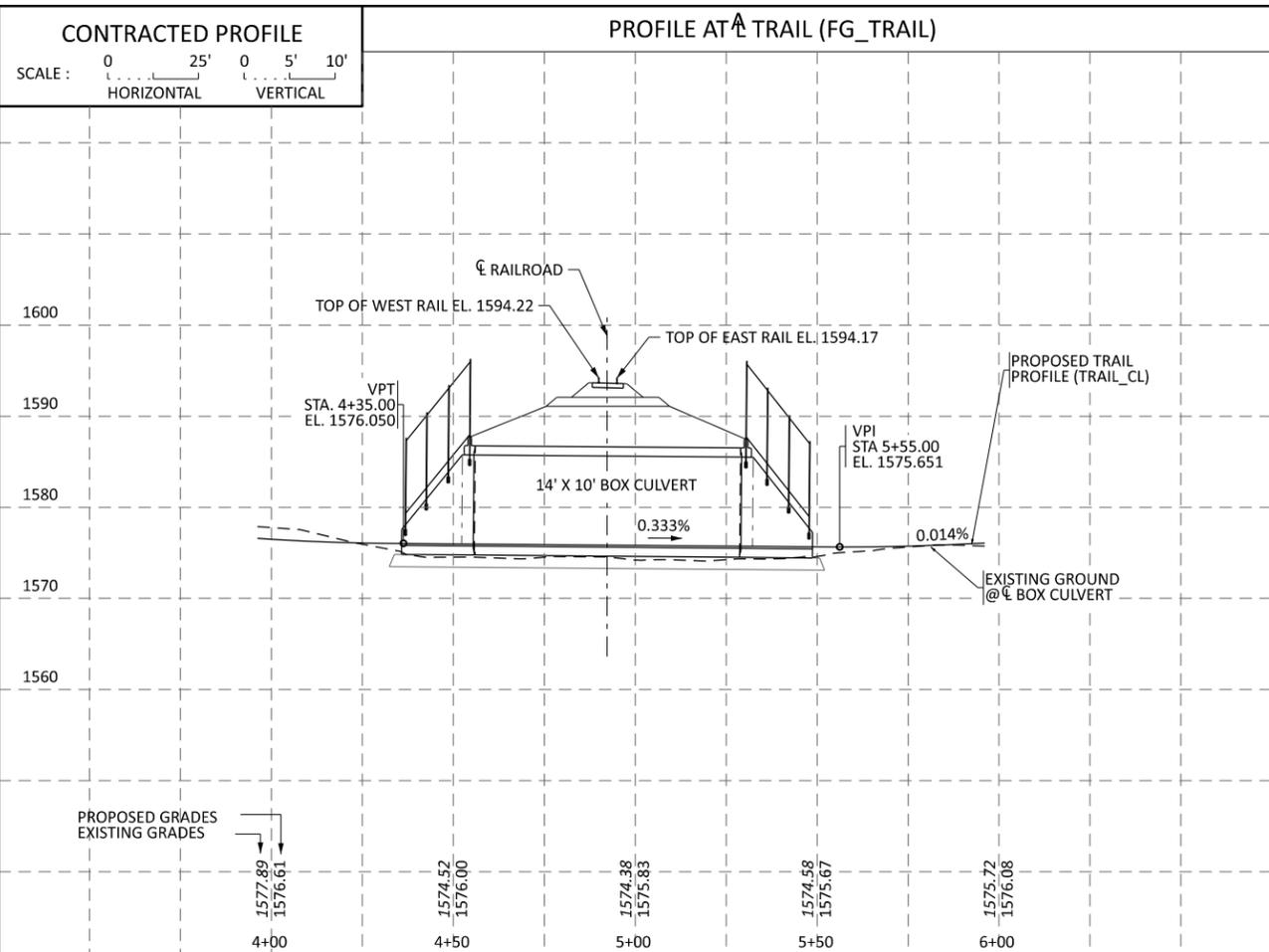
TITLE: FENCE DETAILS

DESIGNED	LCS	DRAWN	LCS	APPROVED
CHECKED	RRE	CHECK	RRE	
SP 177-090-006				
SHEET NO. B6 OF B11 SHEETS				

BRIDGE NO. R1073



BLUE



**LOCATION ENGINEER'S OBSERVATIONS AT BRIDGE SITE**

- SPECIAL FEATURES: WATERFALLS, DAMS, FLOODS, ICE, DEBRIS SLIDING BANKS, RECREATIONAL BOATING.
- OTHER BRIDGES OR CULVERTS OVER THE SAME STREAM ( PARTICULARLY STRUCTURES WHICH CARRY HIGH WATER WITHOUT OVERFLOW OF ROADWAY ) : GIVEN LOCATION, TYPE, LENGTH, HEIGHT ABOVE HIGH WATER, CROSS-SECTIONAL AREA ETC.
- APPARENT HIGHWATER ELEVATION OBTAINED FROM:
- OTHER DATA: APPROX. VELOCITY OF WATER AT TIME OF SURVEY.

**HYDRAULIC ENGINEERS RECOMMENDATION**  
DATE: XX-XX-XX

STREAM OR DITCH DESIGNATION: CENTER CREEK  
DRAINAGE AREA: XX.X SQ. MI.  
MAX. FLOOD ON RECORD: XXX C.F.S. UNK  
MAXIMUM OBSERVED HIGH WATER ELEVATION: UNK FT.  
DESIGN FLOOD (10 YR. FREQ.): XXX C.F.S.  
HEADWATER ELEVATION: XXXX.XX  
DESIGN MEAN VELOCITY THROUGH STRUCTURE: X.X F.P.S.  
TOTAL STAGE INCREASE: X.X FT.  
LOW MEMBER AT OR ABOVE ELEVATION: XXXX.X

BASIC FLOOD ( 100 YR. FREQ.): XXXX C.F.S.  
HEADWATER ELEVATION: XXXX.X  
TOTAL STAGE INCREASE: X.X FT.  
MEAN VELOCITY THROUGH STRUCTURE: X.X F.P.S.  
FLOWLINE ELEVATION: XXXX.X SKEW ANGLE: X°

**HYDRAULIC ENGINEERS RECOMMENDATION**  
DATE: XX-XX-XX

TOTAL SCOUR AT PIER EL. XXX.XX (500 OR OT YR. FREQ.)  
SCOUR CODE: OBTAIN FROM HYDRAULIC ENGINEER

BRIDGE SURVEY SHEETS MADE FROM :  
PRO.DGN, CP.DGN

BENCHMARK 1 - EL. 1581.79 (NAVD88)  
TOP OF NUT ON HYDRANT EAST OF SHERWOOD STREET ACROSS FROM MERC PROPERTY



**MINNESOTA DEPARTMENT OF TRANSPORTATION**

**BRIDGE SURVEY**  
14' X 10' CONCRETE BOX CULVERT  
WORTHINGTON PED UNDERPASS UNDER ELLIS & EASTERN RAILROAD LOCATED 0.3 MILES NORTH EAST OF SOUTH LAKE STREET

IDENTIFICATION NO. 516  
SEC: 26 T 102 N R 40W  
CITY OF WORTHINGTON NOBLES COUNTY

NO	DATE	BY	CHK	REVISIONS

**BOLTON & MENK**

7533 SUNWOOD DRIVE N.W.  
RAMSEY, MINNESOTA 55303  
Phone: (763) 433-2851  
Email: Ramsey@bolton-menk.com  
www.bolton-menk.com

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.

RYAN B. [Signature]  
LIC. NO. 53920 DATE

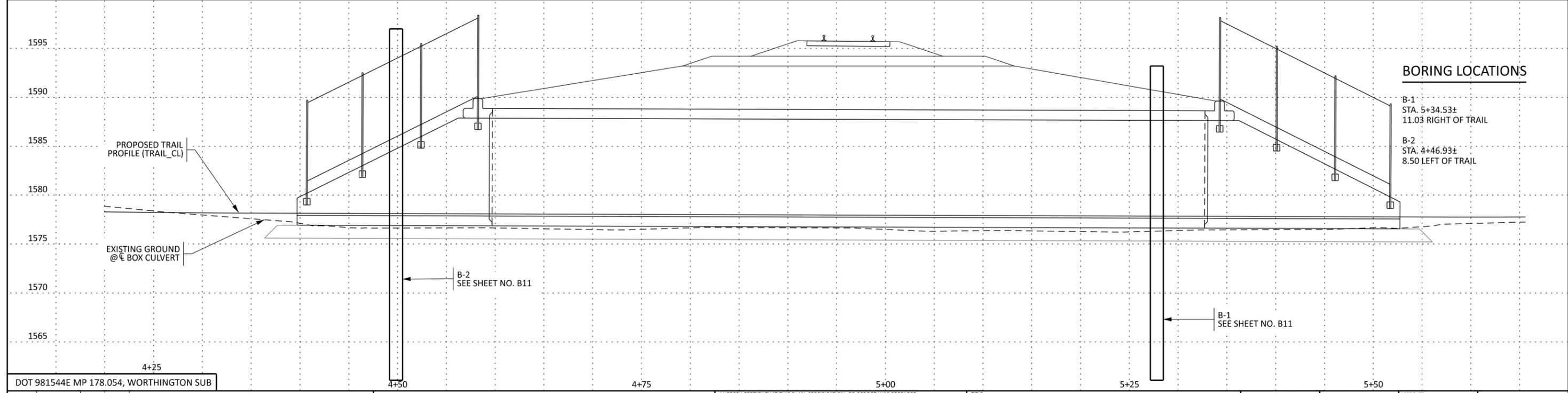
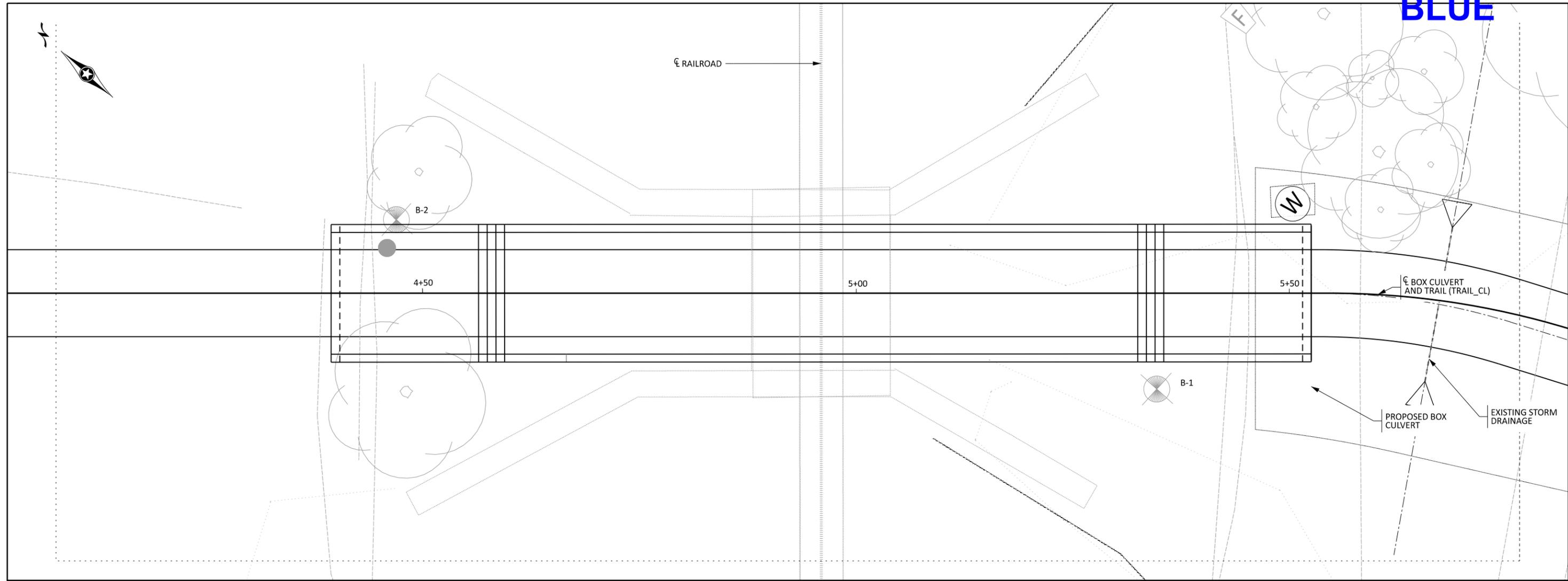
TITLE: **BRIDGE SURVEY**

DESIGNED LCS	DRAWN LCS	APPROVED
CHECKED RRE	CHECK RRE	
SP 177-090-006		
SHEET NO. B8 OF B11 SHEETS		

BRIDGE NO. R1073

H:\WG\1131262\CAD\ORD\WG\1131262\Bridge\BR1073\_sur001.dgn  
BML\_tbl  
pdf-B and W.pltcf  
luke.smith  
12/3/2025 10:13:14 AM

BLUE



H:\WG\1131262\CAD\ORD\WG\1131262\Bridges\BR1073\_sur002.dgn  
 pdf-B and W.plt  
 12/9/2025 10:13:17 AM  
 BML\_tbl

DOT 981544E MP 178.054, WORTHINGTON SUB

NO.	DATE	BY	CHK.	REVISIONS



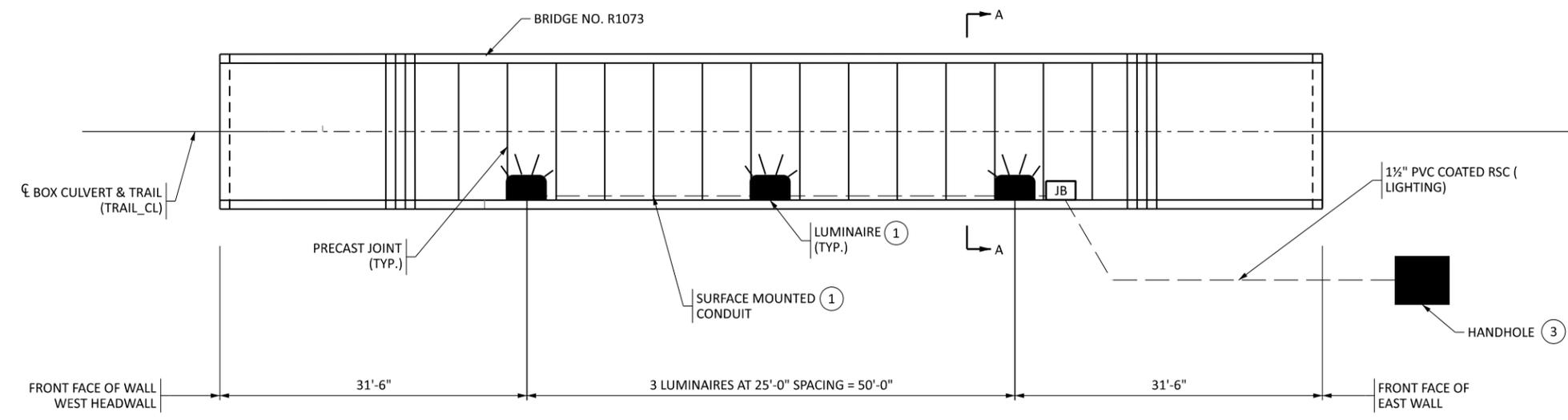
7533 SUNWOOD DRIVE N.W.  
 RAMSEY, MINNESOTA 55303  
 Phone: (763) 433-2851  
 Email: Ramsey@bolton-menk.com  
 www.bolton-menk.com

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.  
 RYAN B. ZAK  
 LIC. NO. 53920 DATE

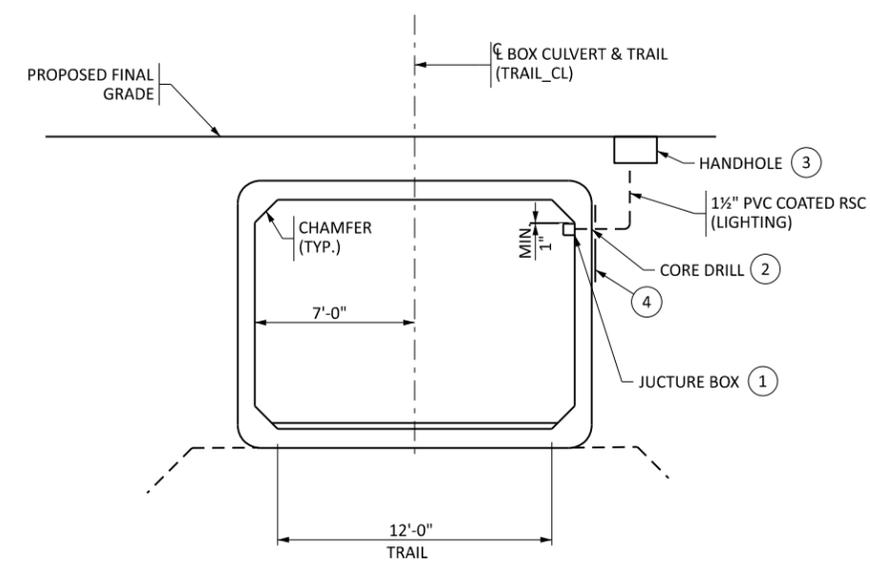
TITLE: **BORINGS & PLAN PROFILE**

DESIGNED	LCS	DRAWN	LCS	APPROVED
CHECKED	RRE	CHECK	RRE	
SP 177-090-006				
SHEET NO. B9 OF B11 SHEETS				

BRIDGE NO. R1073



**LUMINAIRE PLAN**  
(INSIDE BOX CULVERT)



**SECTION A-A**

**NOTES:**

- CONTRACTOR SHALL SUBMIT THE LUMINAIRES FOR APPROVAL PRIOR TO INSTALLING THE CONDUIT SYSTEM SHOWN IN THIS PLAN. FINAL LUMINAIRE LOCATIONS WILL BE DETERMINED BY THE ENGINEER BASED ON THE APPROVED LIGHTING SYSTEM MEETING ALL REQUIREMENTS OF SPECIAL PROVISION DIVISION SL.
- ALL ITEMS IDENTIFIED IN THIS PLAN SHALL BE INCLUDED IN BID ITEM "CONDUIT SYSTEM". UNLESS OTHERWISE NOTED.
- ① SEE TRAIL LIGHTING PLANS FOR LUMINAIRE AND INTERIOR MOUNTED ELECTRICAL SYSTEMS INFORMATION AND PAYMENT.
- ② CONTRACTOR SHALL CORE DRILL THE PRECAST BOX CULVERT (2" MAX. DIAMETER) TO INSERT CONDUIT SYSTEM. FILL HOLE WITH NON-SHRINK GROUT PRIOR TO WATERPROOFING (INCIDENTAL).
- ③ HANDHOLE ALONG SLOPE, SEE ROADWAY LIGHTING PLANS FOR SPECIFIC LOCATION OF HANDHOLE.
- ④ MEMBRANE WATERPROOFING SYSTEM.

DOT 981544E MP 178.054, WORTHINGTON SUB

H:\WG\1131262\CAD\ORD\WG\1131262\Bridges\BR1073\_sys001.dgn  
 pdf-B and W.plt  
 12/9/2025 10:13:18 AM  
 luke.smith  
 BWL\_tbl

NO.	DATE	BY	CHK.	REVISIONS



**BOLTON & MENK**

7533 SUNWOOD DRIVE N.W.  
 RAMSEY, MINNESOTA 55303  
 Phone: (763) 433-2851  
 Email: Ramsey@bolton-menk.com  
 www.bolton-menk.com

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.

RYAN B. BAZZANI  
 LIC. NO. 53920 DATE \_\_\_\_\_

TITLE: **LUMINAIRE PLAN**

DESIGNED	LCS	DRAWN	LCS	APPROVED
CHECKED	RRE	CHECK	RRE	
SP 177-090-006				
SHEET NO. B10 OF B11 SHEETS				

**BRIDGE NO.**  
R1073



SUBSURFACE BORING LOG

AET JOB NO: **P-0038834** LOG OF BORING NO. **B-1 (p. 1 of 1)**  
 PROJECT: **Pedestrian Underpass Box Culvert; Worthington, Minnesota**  
 SURFACE ELEVATION: **93.2'** LATITUDE: \_\_\_\_\_ LONGITUDE: \_\_\_\_\_

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS								
							WC	DEN	LL	PL	%-#200				
1	FILL, clayey sand, traces of roots, brown and black	FILL		F											
2															
3	FILL, silty sand, a little gravel, medium to fine grained, brown, possible cobble at 2'		20	M	SS	6	14								
4															
5	CLAYEY SAND, a little gravel, brown, firm (SC)	MIXED ALLUVIUM	5	M	SS	18	27								
6															
7	SAND with SILT, a little gravel, medium to fine grained, brown, waterbearing, loose (SP-SM)	COARSE ALLUVIUM	10	W	SS	10									
8															
9	SANDY LEAN CLAY a little gravel, gray, firm to stiff (CL)	TILL	6	M	SS	14	17								
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
32															
33															
34															
35															
36															
37															
38															
39															
40	SAND with SILT, a little gravel, medium to fine grained, gray, waterbearing, medium dense (SP-SM)	COARSE ALLUVIUM	16	W	SS	NR									
41	END OF BORING														

DEPTH:	DRILLING METHOD	WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-39½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	
		1/23/25		8.5'	7.0'	-	
		1/23/25		36.0'	34.5'	-	
BORING COMPLETED: 1/23/25		1/23/25		41.0'	39.5'	-	
DR: BK LG: AK Rig: 4							

03/2011 01-DHR-060



SUBSURFACE BORING LOG

AET JOB NO: **P-0038834** LOG OF BORING NO. **B-2 (p. 1 of 1)**  
 PROJECT: **Pedestrian Underpass Box Culvert; Worthington, Minnesota**  
 SURFACE ELEVATION: **97.0'** LATITUDE: \_\_\_\_\_ LONGITUDE: \_\_\_\_\_

DEPTH IN FEET	MATERIAL DESCRIPTION	GEOLOGY	N	MC	SAMPLE TYPE	REC IN.	FIELD & LABORATORY TESTS								
							WC	DEN	LL	PL	%-#200				
1	FILL, clayey sand, traces of roots, brown and black	FILL		F											
2															
3															
4															
5	LEAN CLAY with SAND, traces of roots, black, soft to firm (CL)	TOPSOIL	6	M	SS	12	29								
6															
7															
8															
9															
10	LEAN CLAY, gray, firm (CL)	FINE ALLUVIUM	5	M	SS	14	23								
11															
12	LEAN CLAY with SAND, brown, firm (CL)		8	M	SS	18	28								
13															
14															
15	CLAYEY SAND, brown, stiff (SC)	MIXED ALLUVIUM	10	W	SS	14	14								
16															
17															
18															
19															
20	SANDY LEAN CLAY with a little gravel, gray, firm (CL)	TILL	8	M	SS	16	19								
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
32															
33															
34															
35	SILTY SAND, a little gravel, medium to fine grained, gray, wet, loose (SM)	COARSE ALLUVIUM	8	W	SS	14									
36															
37															
38															
39															
40	SANDY LEAN CLAY with a little gravel, gray, firm to very stiff (CL)	TILL	8	M	SS	16	16								
41															
42															
43															
44															
45															
46															
47															
48															
49															
50	SAND with SILT, a little gravel, medium to coarse grained, brown, waterbearing, medium dense (SP-SM)	COARSE ALLUVIUM	13	W	SS	16									
51	END OF BORING														

DEPTH:	DRILLING METHOD	WATER LEVEL MEASUREMENTS					NOTE: REFER TO THE ATTACHED SHEETS FOR AN EXPLANATION OF TERMINOLOGY ON THIS LOG
0-49½'	3.25" HSA	DATE	TIME	SAMPLED DEPTH	CASING DEPTH	CAVE-IN DEPTH	
		1/23/25		36.0'	34.5'	-	
		1/23/25		51.0'	49.5'	-	
BORING COMPLETED: 1/23/25							
DR: BK LG: AK Rig: 4							

03/2011 01-DHR-060

DOT 981544E MP 178.054, WORTHINGTON SUB

H:\WGTN\0F1131262\CAD\ORD\WGTN\0F1131262\Bridg\brR1073\_sur003.dgn  
 pdf-B and W.pltcf  
 12/3/2025 10:13:19 AM

NO	DATE	BY	CHK	REVISIONS



7533 SUNWOOD DRIVE N.W.  
 RAMSEY, MINNESOTA 55303  
 Phone: (763) 433-2851  
 Email: Ramsey@bolton-menk.com  
 www.bolton-menk.com

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.  
 RYAN B. RAMSEY  
 LIC. NO. 53920 DATE \_\_\_\_\_

TITLE: **BORINGS**

DESIGNED: LCS CHECKED: RRE DRAWN: LCS CHECKED: RRE APPROVED: \_\_\_\_\_  
 SP 177-090-006  
 SHEET NO. B11 OF B11 SHEETS

BRIDGE NO. **R1073**

**EXHIBIT B**  
**TO**  
**PUBLIC PEDESTRIAN UNDERPASS CROSSING**  
**AGREEMENT**

**SECTION 1. CONDITIONS AND COVENANTS**

A. The Railroad makes no covenant or warranty of title for quiet possession or against encumbrances. The Political Body shall not use or permit use of the Crossing Area for any purposes other than those described in this Agreement. Without limiting the foregoing, the Political Body shall not use or permit use of the Crossing Area for railroad purposes, or for gas, oil or gasoline pipe lines. Any lines constructed on the Railroad's property by or under authority of the Political Body for the purpose of conveying electric power or communications incidental to the Political Body's use of the property for highway purposes shall be constructed in accordance with specifications and requirements of the Railroad, and in such manner as not adversely to affect communication or signal lines of the Railroad or its licensees now or hereafter located upon said property. No nonparty shall be admitted by the Political Body to use or occupy any part of the Railroad's property without the Railroad's written consent. Nothing herein shall obligate the Railroad to give such consent.

B. The Railroad reserves the right to cross the Crossing Area with such railroad tracks as may be required for its convenience or purposes. In the event the Railroad shall place additional tracks upon the Crossing Area, the Political Body shall, at its sole cost and expense, modify the Roadway to conform with all tracks within the Crossing Area.

C. The right hereby granted is subject to any existing encumbrances and rights (whether public or private), recorded or unrecorded, and also to any renewals thereof. The Political Body shall not damage, destroy or interfere with the property or rights of nonparties in, upon or relating to the Railroad's property, unless the Political Body at its own expense settles with and obtains releases from such nonparties.

D. The Railroad reserves the right to use and to grant to others the right to use the Crossing Area for any purpose not inconsistent with the right hereby granted, including, but not by way of limitation, the right to construct, reconstruct, maintain, operate, repair, alter, renew and replace tracks, facilities and appurtenances on the property; and the right to cross the Crossing Area with all kinds of equipment.

E. So far as it lawfully may do so, the Political Body will assume, bear and pay all taxes and assessments of whatsoever nature or kind (whether general, local or special) levied or assessed upon or against the Crossing Area, excepting taxes levied upon and against the property as a component part of the Railroad's operating property.

F. If any property or rights other than the right hereby granted are necessary for the construction, maintenance and use of the Roadway and its appurtenances, or for the

performance of any work in connection with the Project, the Political Body will acquire all such other property and rights at its own expense and without expense to the Railroad.

## **SECTION 2. CONSTRUCTION OF ROADWAY**

A. The Political Body, at its expense, will apply for and obtain all public authority required by law, ordinance, rule or regulation for the Project, and will furnish the Railroad upon request with satisfactory evidence that such authority has been obtained.

B. Except as may be otherwise specifically provided herein, the Political Body, at its expense, will furnish all necessary labor, material and equipment, and shall construct and complete the Roadway and all appurtenances thereof. The appurtenances shall include, without limitation, all necessary and proper highway warning devices (except those installed by the Railroad within its right of way) and all necessary drainage facilities, guard rails or barriers, and right of way fences between the Roadway and the railroad tracks. Upon completion of the Project, the Political Body shall remove from the Railroad's property all temporary structures and false work, and will leave the Crossing Area in a condition satisfactory to the Railroad.

C. All construction work of the Political Body upon the Railroad's property (including, but not limited to, construction of the Roadway and all appurtenances and all related and incidental work) shall be performed and completed in a manner satisfactory to the Assistant Vice President Engineering-Design of the Railroad or his authorized representative and in compliance with the Plans, and other guidelines furnished by the Railroad.

D. All construction work of the Political Body shall be performed diligently and completed within a reasonable time. No part of the Project shall be suspended, discontinued or unduly delayed without the Railroad's written consent, and subject to such reasonable conditions as the Railroad may specify. It is understood that the Railroad's tracks at and in the vicinity of the work will be in constant or frequent use during progress of the work and that movement or stoppage of trains, engines or cars may cause delays in the work of the Political Body. The Political Body hereby assumes the risk of any such delays and agrees that no claims for damages on account of any delay shall be made against the Railroad by the State and/or the Contractor.

## **SECTION 3. INJURY AND DAMAGE TO PROPERTY**

If the Political Body, in the performance of any work contemplated by this Agreement or by the failure to do or perform anything for which the Political Body is responsible under the provisions of this Agreement, shall injure, damage or destroy any property of the Railroad or of any other person lawfully occupying or using the property of the Railroad, such property shall be replaced or repaired by the Political Body at the Political Body's own expense, or by the Railroad at the expense of the Political Body, and to the satisfaction of the Railroad's Assistant Vice President Engineering-Design.

**SECTION 4. RAILROAD MAY USE CONTRACTORS TO PERFORM WORK**

The Railroad may contract for the performance of any of its work by other than the Railroad forces. The Railroad shall notify the Political Body of the contract price within ninety (90) days after it is awarded. Unless the Railroad's work is to be performed on a fixed price basis, the Political Body shall reimburse the Railroad for the amount of the contract.

**SECTION 5. MAINTENANCE AND REPAIRS**

A. The Political Body shall, at its own sole expense, maintain, repair, and renew, or cause to be maintained, repaired and renewed, the entire Crossing Area, Structure, Roadway and all associated fencing and retaining walls.

B. The Railroad, at its expense, will maintain, repair and renew, or cause to be maintained, repaired and renewed, the rails, ties, ballast and communication and signal facilities owned by the railroad.

C. At the Railroad's sole discretion, the Railroad will perform track maintenance activities that may be necessary following the installation of the new box culvert and track structure due to settlement. Such track maintenance activities will be billed to the Political Body on an actual cost basis.

**SECTION 6. CHANGES IN GRADE**

If at any time the Railroad shall elect, or be required by competent authority to, raise or lower the grade of all or any portion of the track(s) located within the Crossing Area, the Political Body shall, at its own expense, conform the Roadway to conform with the change of grade of the trackage.

**SECTION 7. INTERIM WARNING DEVICES**

If at anytime it is determined by a competent authority, by the Political Body, or by agreement between the parties, that new or improved train activated warning devices should be installed at the Crossing Area, the Political Body shall install adequate temporary warning devices or signs and impose appropriate vehicular control measures to protect the motoring public until the construction or reconstruction of the Structure has been completed.

**SECTION 8. SAFETY MEASURES; PROTECTION  
OF RAILROAD COMPANY OPERATIONS**

It is understood and recognized that safety and continuity of the Railroad's operations and communications are of the utmost importance; and in order that the same may be adequately safeguarded, protected and assured, and in order that accidents may be prevented and avoided, it is agreed with respect to all of said work of

the Political Body that the work will be performed in a safe manner and in conformity with the following standards:

A. **Definitions.** All references in this Agreement to the Political Body shall also include the Contractor and their respective officers, agents and employees, and others acting under its or their authority; and all references in this Agreement to work of the Political Body shall include work both within and outside of the Railroad's property.

B. **Entry on to Railroad's Property by Political Body.** If the Political Body's employees need to enter Railroad's property in order to perform an inspection of the Roadway, minor maintenance or other activities, the Political Body shall first provide at least ten (10) working days advance notice to the Railroad Representative. With respect to such entry on to Railroad's property, the Political Body, to the extent permitted by law, agrees to release, defend and indemnify the Railroad from and against any loss, damage, injury, liability, claim, cost or expense incurred by any person including, without limitation, the Political Body's employees, or damage to any property or equipment (collectively the "Loss") that arises from the presence or activities of Political Body's employees on Railroad's property, except to the extent that any Loss is caused by the sole direct negligence of Railroad.

C. **Flagging.**

(i) If the Political Body's employees need to enter Railroad's property as provided in Paragraph B above, the Political Body agrees to notify the Railroad Representative at least thirty (30) working days in advance of proposed performance of any work by Political Body in which any person or equipment will be within twenty-five (25) feet of any track, or will be near enough to any track that any equipment extension (such as, but not limited to, a crane boom) will reach to within twenty-five (25) feet of any track. No work of any kind shall be performed, and no person, equipment, machinery, tool(s), material(s), vehicle(s), or thing(s) shall be located, operated, placed, or stored within twenty-five (25) feet of any of Railroad's track(s) at any time, for any reason, unless and until a Railroad flagman is provided to watch for trains. Upon receipt of such thirty (30) day notice, the Railroad Representative will determine and inform Political Body whether a flagman need be present and whether Political Body needs to implement any special protective or safety measures. If flagging or other special protective or safety measures are performed by Railroad, Railroad will bill Political Body for such expenses incurred by Railroad. If Railroad performs any flagging, or other special protective or safety measures are performed by Railroad, Political Body agrees that Political Body is not relieved of any of its responsibilities or liabilities set forth in this Agreement.

(ii) The rate of pay per hour for each flagman will be the prevailing hourly rate in effect for an eight-hour day for the class of flagmen used during regularly assigned hours and overtime in accordance with Labor Agreements and Schedules in effect at the time the work is performed. In addition to the cost of such labor, a composite charge for vacation, holiday, health and welfare, supplemental sickness, Railroad Retirement and unemployment compensation, supplemental pension, Employees Liability and Property

Damage and Administration will be included, computed on actual payroll. The composite charge will be the prevailing composite charge in effect at the time the work is performed. One and one-half times the current hourly rate is paid for overtime, Saturdays and Sundays, and two and one-half times current hourly rate for holidays. Wage rates are subject to change, at any time, by law or by agreement between Railroad and its employees, and may be retroactive as a result of negotiations or a ruling of an authorized governmental agency. Additional charges on labor are also subject to change. If the wage rate or additional charges are changed, Political Body shall pay on the basis of the new rates and charges.

(iii) Reimbursement to Railroad will be required covering the full eight-hour day during which any flagman is furnished, unless the flagman can be assigned to other Railroad work during a portion of such day, in which event reimbursement will not be required for the portion of the day during which the flagman is engaged in other Railroad work. Reimbursement will also be required for any day not actually worked by the flagman following the flagman's assignment to work on the project for which Railroad is required to pay the flagman and which could not reasonably be avoided by Railroad by assignment of such flagman to other work, even though Political Body may not be working during such time. When it becomes necessary for Railroad to bulletin and assign an employee to a flagging position in compliance with union collective bargaining agreements, Political Body must provide Railroad a minimum of five (5) days notice prior to the cessation of the need for a flagman. If five (5) days notice of cessation is not given, Political Body will still be required to pay flagging charges for the five (5) day notice period required by union agreement to be given to the employee, even though flagging is not required for that period. An additional thirty (30) days notice must then be given to Railroad if flagging services are needed again after such five day cessation notice has been given to Railroad.

D. **Compliance With Laws.** The Political Body shall comply with all applicable federal, state and local laws, regulations and enactments affecting the work. The Political Body shall use only such methods as are consistent with safety, both as concerns the Political Body, the Political Body's agents and employees, the officers, agents, employees and property of the Railroad and the public in general. The Political Body (without limiting the generality of the foregoing) shall comply with all applicable state and federal occupational safety and health acts and regulations. All Federal Railroad Administration regulations shall be followed when work is performed on the Railroad's premises. If any failure by the Political Body to comply with any such laws, regulations, and enactments, shall result in any fine, penalty, cost or charge being assessed, imposed or charged against the Railroad, the Political Body shall reimburse, and to the extent it may lawfully do so, indemnify the Railroad for any such fine, penalty, cost, or charge, including without limitation attorney's fees, court costs and expenses. The Political Body further agrees in the event of any such action, upon notice thereof being provided by the Railroad, to defend such action free of cost, charge, or expense to the Railroad.

E. **No Interference or Delays.** The Political Body shall not do, suffer or permit anything which will or may obstruct, endanger, interfere with, hinder or delay maintenance or operation of the Railroad's tracks or facilities, or any communication or signal lines, installations or any appurtenances thereof, or the operations of others lawfully occupying or using the Railroad's property or facilities.

F. **Supervision.** The Political Body, at its own expense, shall adequately police and supervise all work to be performed by the Political Body, and shall not inflict injury to persons or damage to property for the safety of whom or of which the Railroad may be responsible, or to property of the Railroad. The responsibility of the Political Body for safe conduct and adequate policing and supervision of the Project shall not be lessened or otherwise affected by the Railroad's approval of plans and specifications, or by the Railroad's collaboration in performance of any work, or by the presence at the work site of the Railroad's representatives, or by compliance by the Political Body with any requests or recommendations made by such representatives. If a representative of the Railroad is assigned to the Project, the Political Body will give due consideration to suggestions and recommendations made by such representative for the safety and protection of the Railroad's property and operations.

G. **Suspension of Work.** If at any time the Political Body's engineers or the Vice President-Engineering Services of the Railroad or their respective representatives shall be of the opinion that any work of the Political Body is being or is about to be done or prosecuted without due regard and precaution for safety and security, the Political Body shall immediately suspend the work until suitable, adequate and proper protective measures are adopted and provided.

H. **Removal of Debris.** The Political Body shall not cause, suffer or permit material or debris to be deposited or cast upon, or to slide or fall upon any property or facilities of the Railroad; and any such material and debris shall be promptly removed from the Railroad's property by the Political Body at the Political Body's own expense or by the Railroad at the expense of the Political Body. The Political Body shall not cause, suffer or permit any snow to be plowed or cast upon the Railroad's property during snow removal from the Crossing Area.

I. **Explosives.** The Political Body shall not discharge any explosives on or in the vicinity of the Railroad's property without the prior consent of the Railroad's Vice President-Engineering Services, which shall not be given if, in the sole discretion of the Railroad's Vice President-Engineering Services, such discharge would be dangerous or would interfere with the Railroad's property or facilities. For the purposes hereof, the "vicinity of the Railroad's property" shall be deemed to be any place on the Railroad's property or in such close proximity to the Railroad's property that the discharge of explosives could cause injury to the Railroad's employees or other persons, or cause damage to or interference with the facilities or operations on the Railroad's property. The Railroad reserves the right to impose such conditions, restrictions or limitations on the transportation, handling, storage, security and use of explosives as the Railroad, in the Railroad's sole discretion, may deem to be necessary, desirable or appropriate.

J. **Excavation.** The Political Body shall not excavate from existing slopes nor construct new slopes which are excessive and may create hazards of slides or falling rock, or impair or endanger the clearance between existing or new slopes and the tracks of the Railroad. The Political Body shall not do or cause to be done any work which will or may disturb the stability of any area or adversely affect the Railroad's tracks or facilities. The Political Body, at its own expense, shall install and maintain adequate shoring and cribbing for all excavation and/or trenching performed by the Political Body in connection with construction, maintenance or other work. The shoring and cribbing shall be constructed and maintained with materials and in a manner approved by the Railroad's Assistant Vice President Engineering - Design to withstand all stresses likely to be encountered, including any stresses resulting from vibrations caused by the Railroad's operations in the vicinity.

K. **Drainage.** The Political Body, at the Political Body's own expense, shall provide and maintain suitable facilities for draining the Roadway and its appurtenances, and shall not suffer or permit drainage water therefrom to flow or collect upon property of the Railroad. The Political Body, at the Political Body's own expense, shall provide adequate passageway for the waters of any streams, bodies of water and drainage facilities (either natural or artificial, and including water from the Railroad's culvert and drainage facilities), so that said waters may not, because of any facilities or work of the Political Body, be impeded, obstructed, diverted or caused to back up, overflow or damage the property of the Railroad or any part thereof, or property of others. The Political Body shall not obstruct or interfere with existing ditches or drainage facilities.

L. **Notice.** Before commencing any work, the Political Body shall provide the advance notice to the Railroad that is required under the Contractor's Right of Entry Agreement.

M. **Fiber Optic Cables.** Fiber optic cable systems may be buried on the Railroad's property. Protection of the fiber optic cable systems is of extreme importance since any break could disrupt service to users resulting in business interruption and loss of revenue and profits. Political Body shall visit [up.com/CBUD](http://up.com/CBUD) to complete and submit the required form to determine if fiber optic cable is buried anywhere on Railroad's property to be used by the Political Body. If it is, Political Body will telephone the telecommunications company(ies) involved, arrange for a cable locator, and make arrangements for relocation or other protection of the fiber optic cable prior to beginning any work on the Railroad's premises.

## **SECTION 9. INTERIM WARNING DEVICES**

If at anytime it is determined by a competent authority, by the Political Body, or by agreement between the parties, that new or improved train activated warning devices should be installed at the Crossing Area, the Political Body shall install adequate temporary warning devices or signs and impose appropriate vehicular control measures to protect the motoring public until the new or improved devices have been installed.

**SECTION 10. OTHER RAILROADS**

All protective and indemnifying provisions of this Agreement shall inure to the benefit of the Railroad and any other railroad company lawfully using the Railroad's property or facilities.

**SECTION 11. BOOKS AND RECORDS**

The books, papers, records and accounts of Railroad, so far as they relate to the items of expense for the materials to be provided by Railroad under this Project, or are associated with the work to be performed by Railroad under this Project, shall be open to inspection and audit at Railroad's offices in Omaha, Nebraska, during normal business hours by the agents and authorized representatives of Political Body for a period of three (3) years following the date of Railroad's last billing sent to Political Body.

**SECTION 12. REMEDIES FOR BREACH OR NONUSE**

A. If the Political Body shall fail, refuse or neglect to perform and abide by the terms of this Agreement, the Railroad, in addition to any other rights and remedies, may perform any work which in the judgment of the Railroad is necessary to place the Roadway and appurtenances in such condition as will not menace, endanger or interfere with the Railroad's facilities or operations or jeopardize the Railroad's employees; and the Political Body will reimburse the Railroad for the expenses thereof.

B. Nonuse by the Political Body of the Crossing Area for public highway purposes continuing at any time for a period of eighteen (18) months shall, at the option of the Railroad, work a termination of this Agreement and of all rights of the Political Body hereunder.

C. The Political Body will surrender peaceable possession of the Crossing Area and Roadway upon termination of this Agreement. Termination of this Agreement shall not affect any rights, obligations or liabilities of the parties, accrued or otherwise, which may have arisen prior to termination.

**SECTION 13. MODIFICATION - ENTIRE AGREEMENT**

No waiver, modification or amendment of this Agreement shall be of any force or effect unless made in writing, signed by the Political Body and the Railroad and specifying with particularity the nature and extent of such waiver, modification or amendment. Any waiver by the Railroad of any default by the Political Body shall not affect or impair any right arising from any subsequent default. This Agreement and Exhibits attached hereto and made a part hereof constitute the entire understanding between the Political Body and the Railroad and cancel and supersede any prior negotiations, understandings or agreements, whether written or oral, with respect to the work or any part thereof.

**EXHIBIT C  
TO  
PUBLIC PEDESTRIAN UNDERPASS CROSSING  
AGREEMENT**

**Exhibit C** is the Railroad's Material and Force Account Estimate

# Material And Force Account Estimate

# BLUE

Estimate Number: 155632    Version: 1

Standard Rates:

Labor Additive = 379.9%

Estimate Good Until 02/25/26

Location: WORTHINGTON SUB, CNRT, 178-178.1

Description of Work: DOT #981544E - Worthington, MN - Worthington Sub, MP 178.054 PID 209355

Prepared For: LeviH

Buy America: No

COMMENTS	FACILITY	Description	QTY	UOM	UCST	LABOR	MATERIAL	TOTAL	
<b>ENGINEERING</b>									
Construction Management		Contract Engineering	1	LS	150,000.00	0	150,000	150,000	
<b>Sub-Total =</b>						<b>0</b>	<b>150,000</b>	<b>150,000</b>	
<b>TRACK CONSTRUCTION - COMPANY</b>									
	TRACK	136# CWRIS0 24-8'6" PPHWD N 16 TP	80	TF	519.64	25,173	16,398	41,571	
136#w - 136#n	COMPJT	Transition Rail - 136#	4	PR	10,055.92	24,108	16,115	40,224	
		Ballast - CL	2	CL	2,250.00	3,000	1,500	4,500	
		Compromise Joint Bar	2	PR	5,000.00	4,000	6,000	10,000	
<b>Sub-Total =</b>						<b>56,282</b>	<b>40,013</b>	<b>96,295</b>	
<b>TRACK REMOVAL - COMPANY</b>									
	TRACK	Remove Track	80	TF	31.03	2,483	0	2,483	
<b>Sub-Total =</b>						<b>2,483</b>	<b>0</b>	<b>2,483</b>	
<b>HOMELINE FREIGHT</b>									
		Homeline Freight	205	Per Ton	8.76	0	1,795	1,795	
<b>Sub-Total =</b>						<b>0</b>	<b>1,795</b>	<b>1,795</b>	
<b>PROJECT LEVEL COST</b>									
	CONTINGENCIES	Contingency	20	%	2,505.73	11,753	38,362	50,115	
<b>Sub-Total =</b>						<b>11,753</b>	<b>38,362</b>	<b>50,115</b>	
<b>Total Wgt. in Tons = 205</b>						<b>Totals =</b>	<b>70,517</b>	<b>230,170</b>	<b>300,687</b>

**Grand Total =** **\$300,687**

Please Note: The above figures are estimates only and are subject to fluctuation. In the event of an increase or decrease in the cost or amount of material or labor required, will pay actual construction costs at the current rates effective thereof.

**EXHIBIT D  
TO  
PUBLIC PEDESTRIAN UNDERPASS CROSSING  
AGREEMENT**

**Exhibit D** is the Contractor's Right of Entry Agreement

**CONTRACTOR'S  
RIGHT OF ENTRY AGREEMENT**

**THIS AGREEMENT** is made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, by and between **UNION PACIFIC RAILROAD COMPANY**, a Delaware corporation ("Railroad"); and \_\_\_\_\_, a \_\_\_\_\_ corporation ("Contractor").

**RECITALS:**

Contractor has been hired by \_\_\_\_\_ to perform work relating to \_\_\_\_\_ (the "Work") with all or a portion of such Work to be performed on property of Railroad in the vicinity of Railroad's Milepost \_\_\_\_\_ on Railroad's \_\_\_\_\_ [Subdivision or Branch] [at or near DOT No. \_\_\_\_\_ located at or near \_\_\_\_\_, in \_\_\_\_\_ County, State of \_\_\_\_\_, as such location is in the general location shown on the print marked **Exhibit A**, attached hereto and hereby made a part hereof, which Work is the subject of a contract dated \_\_\_\_\_ between Railroad and \_\_\_\_\_.

Railroad is willing to permit Contractor to perform the Work described above at the location described above subject to the terms and conditions contained in this agreement

**AGREEMENT:**

**NOW, THEREFORE**, it is mutually agreed by and between Railroad and Contractor, as follows:

**ARTICLE 1 - DEFINITION OF CONTRACTOR.**

For purposes of this agreement, all references in this agreement to Contractor shall include Contractor's contractors, subcontractors, officers, agents and employees, and others acting under its or their authority. For purposes of clarity, Contractor agrees that any CIC (defined below) hired by Contractor is a subcontractor of Contractor and therefore included in the defined term Contractor pursuant to the foregoing sentence.

**ARTICLE 2 - RIGHT GRANTED; PURPOSE.**

Railroad hereby grants to Contractor the right, during the term hereinafter stated and upon and subject to each and all of the terms, provisions and conditions herein contained, to enter upon and have ingress to and egress from the property described in the Recitals for the purpose of performing the Work described in the Recitals above. The right herein granted to Contractor is limited to those portions of Railroad's property specifically described herein, or as designated by the Railroad Representative named in Article 4.

**ARTICLE 3 - TERMS AND CONDITIONS CONTAINED IN EXHIBITS B AND C.**

The terms and conditions contained in **Exhibit B** and **Exhibit C**, attached hereto, are hereby made a part of this agreement.

**ARTICLE 4 - ALL EXPENSES TO BE BORNE BY CONTRACTOR; RAILROAD REPRESENTATIVE.**

A. Contractor shall bear any and all costs and expenses associated with any Work performed by Contractor (including without limitation any CIC), or any costs or expenses incurred by Railroad relating to this agreement.

B. Contractor shall coordinate all of its Work with the following Railroad representative or his or her duly authorized representative (the "Railroad Representative"):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. Contractor, at its own expense, shall adequately police and supervise all Work to be performed by Contractor and shall ensure that such Work is performed in a safe manner as set forth in Section 7 of **Exhibit B**. The responsibility of Contractor for safe conduct and adequate policing and supervision of Contractor's Work shall not be lessened or otherwise affected by Railroad's approval of plans and specifications involving the Work, or by Railroad's collaboration in performance of any Work, or by the presence at the Work site of a Railroad Representative, or by compliance by Contractor with any requests or recommendations made by Railroad Representative.

**ARTICLE 5 - SCHEDULE OF WORK ON A MONTHLY BASIS.**

The Contractor, at its expense, shall provide on a monthly basis a detailed schedule of Work to the Railroad Representative named in Article 4B above. The reports shall start at the execution of this agreement and continue until this agreement is terminated as provided in this agreement or until the Contractor has completed all Work on Railroad's property.

**ARTICLE 6 - TERM; TERMINATION.**

A. The grant of right herein made to Contractor shall commence on the date of this agreement, and continue until \_\_\_\_\_, unless sooner terminated as herein provided, or at such time as Contractor has completed its Work on Railroad's property, whichever is earlier. Contractor agrees to notify the Railroad Representative in writing when it has completed its Work on Railroad's property.

B. This agreement may be terminated by either party on ten (10) days written notice to the other party.

**ARTICLE 7 - CERTIFICATE OF INSURANCE.**

A. Before commencing any Work and throughout the entire term of this Agreement, Contractor, at its expense, shall procure and maintain in full force and effect the types and minimum limits of insurance specified in **Exhibit C** of this agreement and require each of its subcontractors to include the insurance endorsements as required under Section 12 of **Exhibit B** of this agreement.

B. Not more frequently than once every two (2) years, Railroad may reasonably modify the required insurance coverage to reflect then-current risk management practices in the railroad industry and underwriting practices in the insurance industry.

C. Upon request of Railroad, Contractor shall provide to Railroad a certificate issued by its insurance

carrier evidencing the insurance coverage required under **Exhibit B**.

D. Contractor understands and accepts that the terms of this Article are wholly separate from and independent of the terms of any indemnity provisions contained in this Agreement.

D. Upon request of Railroad, insurance correspondence, binders, policies, certificates and endorsements shall be sent to:

Union Pacific Railroad Company

\_\_\_\_\_  
[Insert mailing address]

\_\_\_\_\_

Attn: \_\_\_\_\_

Folder No. \_\_\_\_\_

**ARTICLE 8 - PRECONSTRUCTION MEETING.**

If the Work to be performed by the Contractor will involve the Railroad providing any flagging protection (or if a CIC is approved to provide flagging protection pursuant to the terms set forth herein) and/or there is separate work to be performed by the Railroad, the Contractor confirms that no work shall commence until the Railroad and Contractor participate in a preconstruction meeting involving flagging procedures and coordination of work activities of the Contractor and the Railroad (and any CIC, as applicable.)

**ARTICLE 9. DISMISSAL OF CONTRACTOR'S EMPLOYEE.**

At the request of Railroad, Contractor shall remove from Railroad's property any employee of Contractor who fails to conform to the instructions of the Railroad Representative in connection with the Work on Railroad's property, and any right of Contractor shall be suspended until such removal has occurred. Contractor shall indemnify Railroad against any claims arising from the removal of any such employee from Railroad's property.

**ARTICLE 10. ADMINISTRATIVE FEE.**

Upon the execution and delivery of this agreement, Contractor shall pay to Railroad One Thousand Twenty Five Dollars (\$1,025.00) as reimbursement for clerical, administrative and handling expenses in connection with the processing of this agreement.

**ARTICLE 11. CROSSINGS; COMPLIANCE WITH MUTCD AND FRA GUIDELINES.**

A. No additional vehicular crossings (including temporary haul roads) or pedestrian crossings over Railroad's trackage shall be installed or used by Contractor without the prior written permission of Railroad.

B. Any permanent or temporary changes, including temporary traffic control, to crossings must conform to the Manual of Uniform Traffic Control Devices (MUTCD) and any applicable Federal Railroad Administration rules, regulations and guidelines, and must be reviewed by the Railroad prior to any changes being implemented. In the event the Railroad is found to be out of compliance with federal safety regulations due to the Contractor's modifications, negligence, or any other reason arising from the Contractor's presence on the Railroad's property, the Contractor agrees to assume liability for any civil penalties imposed upon the Railroad for such noncompliance.

**ARTICLE 12.- EXPLOSIVES.**

Explosives or other highly flammable substances shall not be stored or used on Railroad's property without the prior written approval of Railroad.

**IN WITNESS WHEREOF**, the parties hereto have duly executed this agreement in duplicate as of the date first herein written.

**UNION PACIFIC RAILROAD COMPANY**

By: \_\_\_\_\_

Title: \_\_\_\_\_

\_\_\_\_\_  
(Name of Contractor)

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

**EXHIBIT A**  
**TO**  
**CONTRACTOR'S RIGHT OF ENTRY AGREEMENT**

Exhibit A will be a print showing the general location of the work site.

BLUE



STRUCTURE CROSSING AREA: 1,800 SQ.FT. +/-

AT GRADE TRAIL CROSSING: 2,107 SQ.FT. +/-

TOTAL CROSSING AREA: 2,900 SQ.FT. +/-

LEGEND:

STRUCTURE OVER TRAIL CROSSING 

TRAIL CROSSING UNDER TRACK 

UPRRCO, R/W OUTLINED 

NOTE: BEFORE YOU BEGIN ANY WORK, SEE AGREEMENT FOR FIBER OPTIC PROVISIONS.

EXHIBIT "A"

UNION PACIFIC RAILROAD COMPANY

WORTHINGTON, NOBLES COUNTY, MN

M.P. 178.05 - WORTHINGTON SUB.

OMA/MN/V8/SL21

SCALE: 1" = 50'

OFFICE OF REAL ESTATE  
OMAHA, NEBRASKA DATE: 8-13-2025

DSK FILE: 0794863

CADD  
FILENAME 0794863

SCAN  
FILENAME AERIAL PRINT

Exhibit 3

**EXHIBIT B**  
**TO**  
**CONTRACTOR'S RIGHT OF ENTRY AGREEMENT**

**Section 1. NOTICE OF COMMENCEMENT OF WORK - RAILROAD FLAGGING - PRIVATE FLAGGING.**

A. Contractor agrees to notify the Railroad Representative at least ten (10) working days in advance of Contractor commencing its Work and at least thirty (30) working days in advance of proposed performance of any Work by Contractor in which any person or equipment will be within twenty-five (25) feet of any track, or will be near enough to any track that any equipment extension (such as, but not limited to, a crane boom) will reach to within twenty-five (25) feet of any track.

B. No work of any kind shall be performed, and no person, equipment, machinery, tool(s), material(s), vehicle(s), or thing(s) shall be located, operated, placed, or stored within twenty-five (25) feet of any of Railroad's track(s) at any time, for any reason, unless and until a Railroad approved flagman is provided to watch for trains. Upon receipt of such thirty (30)-day notice, the Railroad Representative will determine and inform Contractor whether a flagman need be present and whether Contractor needs to implement any special protective or safety measures.

C. Contractor shall be permitted to hire a private contractor to perform flagging or other special protective or safety measures (such private contractor being commonly known in the railroad industry as a contractor-in-charge ("CIC")) in lieu of Railroad providing such services or in concert with Railroad providing such services, subject to prior written approval by Railroad, which approval shall be in Railroad's sole and absolute discretion. If Railroad agrees to permit Contractor to utilize a CIC pursuant to the preceding sentence, Contractor shall obtain Railroad's prior approval in writing for each of the following items, as determined in all respects in Railroad's sole and absolute discretion: (i) the identity of the third-party performing the role of CIC; (ii) the scope of the services to be performed for the project by the approved CIC; and (iii) any other terms and conditions governing such services to be provided by the CIC. If flagging or other special protective or safety measures are performed by an approved CIC, Contractor shall be solely responsible for (and shall timely pay such CIC for) its services. Railroad reserves the right to rescind any approval pursuant to this Section 1, Subsection C., in whole or in part, at any time, as determined in Railroad's sole and absolute discretion.

D. If any flagging or other special protective or safety measures are performed by employees of Railroad and/or any contractor of Railroad, Railroad will bill Contractor for such expenses incurred by Railroad, unless Railroad and a federal, state or local governmental entity have agreed that Railroad is to bill such expenses to the federal, state or local governmental entity. If Railroad will be sending the bills to Contractor, Contractor shall pay such bills within thirty (30) days of Contractor's receipt of billing.

E. If any flagging or other special protective or safety measures are performed by Railroad or a CIC, Contractor agrees that Contractor is not relieved of any of its responsibilities or liabilities set forth in this agreement.

F. The provisions set forth in this subsection are only applicable for Flagging Services performed by employees of Railroad: the rate of pay per hour for each flagman will be the prevailing hourly rate in effect for an eight-hour day for the class of flagmen used during regularly assigned hours and overtime in accordance with labor agreements and schedules in effect at the time the Work is performed. In addition to the cost of such labor, a composite charge for vacation, holiday, health and welfare, supplemental sickness, Railroad Retirement and unemployment compensation, supplemental pension, Employees Liability and Property Damage and Administration will be included, computed on actual payroll. The composite charge will be the prevailing composite charge in effect at the time the Work is performed. One and one-half times the current hourly rate is

paid for overtime, Saturdays and Sundays, and two and one-half times current hourly rate for holidays. Wage rates are subject to change, at any time, by law or by agreement between Railroad and its employees, and may be retroactive as a result of negotiations or a ruling of an authorized governmental agency. Additional charges on labor are also subject to change. If the wage rate or additional charges are changed, Contractor (or the governmental entity, as applicable) shall pay on the basis of the new rates and charges. If flagging is performed by Railroad, reimbursement to Railroad will be required covering the full eight-hour day during which any flagman is furnished, unless the flagman can be assigned to other Railroad work during a portion of such day, in which event reimbursement will not be required for the portion of the day during which the flagman is engaged in other Railroad work. Reimbursement will also be required for any day not actually worked by the flagman following the flagman's assignment to work on the project for which Railroad is required to pay the flagman and which could not reasonably be avoided by Railroad by assignment of such flagman to other work, even though Contractor may not be working during such time. When it becomes necessary for Railroad to bulletin and assign an employee to a flagging position in compliance with union collective bargaining agreements, Contractor must provide Railroad a minimum of five (5) days notice prior to the cessation of the need for a flagman. If five (5) days notice of cessation is not given, Contractor will still be required to pay flagging charges for the five (5) day notice period required by union agreement to be given to the employee, even though flagging is not required for that period. An additional thirty (30) days notice must then be given to Railroad if flagging services are needed again after such five-day cessation notice has been given to Railroad.

## **Section 2. LIMITATION AND SUBORDINATION OF RIGHTS GRANTED**

A. The foregoing grant of right is subject and subordinate to the prior and continuing right and obligation of the Railroad to use and maintain its entire property including the right and power of Railroad to construct, maintain, repair, renew, use, operate, change, modify or relocate railroad tracks, roadways, signal, communication, fiber optics, or other wirelines, pipelines and other facilities upon, along or across any or all parts of its property, all or any of which may be freely done at any time or times by Railroad without liability to Contractor or to any other party for compensation or damages.

B. The foregoing grant is also subject to all outstanding superior rights (whether recorded or unrecorded and including those in favor of licensees and lessees of Railroad's property, and others) and the right of Railroad to renew and extend the same, and is made without covenant of title or for quiet enjoyment.

## **Section 3. NO INTERFERENCE WITH OPERATIONS OF RAILROAD AND ITS TENANTS.**

A. Contractor shall conduct its operations so as not to interfere with the continuous and uninterrupted use and operation of the railroad tracks and property of Railroad, including without limitation, the operations of Railroad's lessees, licensees or others, unless specifically authorized in advance by the Railroad Representative. Nothing shall be done or permitted to be done by Contractor at any time that would in any manner impair the safety of such operations. When not in use, Contractor's machinery and materials shall be kept at least twenty-five (25) feet from the centerline of Railroad's nearest track, and there shall be no vehicular crossings of Railroads tracks except at existing open public crossings.

B. Operations of Railroad and work performed by Railroad personnel and delays in the Work to be performed by Contractor caused by such railroad operations and Work are expected by Contractor, and Contractor agrees that Railroad shall have no liability to Contractor, or any other person or entity for any such delays. The Contractor shall coordinate its activities with those of Railroad and third parties so as to avoid interference with railroad operations. The safe operation of Railroad train movements and other activities by Railroad takes precedence over any Work to be performed by Contractor.

**Section 4. LIENS.**

Contractor shall pay in full all persons who perform labor or provide materials for the Work to be performed by Contractor. Contractor shall not create, permit or suffer any mechanic's or materialmen's liens of any kind or nature to be created or enforced against any property of Railroad for any such Work performed. Contractor shall indemnify and hold harmless Railroad from and against any and all liens, claims, demands, costs or expenses of whatsoever nature in any way connected with or growing out of such Work done, labor performed, or materials furnished. If Contractor fails to promptly cause any lien to be released of record, Railroad may, at its election, discharge the lien or claim of lien at Contractor's expense.

**Section 5. PROTECTION OF FIBER OPTIC CABLE SYSTEMS.**

A. Fiber optic cable systems may be buried on Railroad's property. Protection of the fiber optic cable systems is of extreme importance since any break could disrupt service to users resulting in business interruption and loss of revenue and profits. Contractor shall visit [www.up.com/CBUD](http://www.up.com/CBUD) to complete and submit the required form to determine if fiber optic cable is buried anywhere on Railroad's property to be used by Contractor. If it is, Contractor will telephone the telecommunications company(ies) involved, make arrangements for a cable locator and, if applicable, for relocation or other protection of the fiber optic cable. Contractor shall not commence any Work until all such protection or relocation (if applicable) has been accomplished.

**B. IN ADDITION TO OTHER INDEMNITY PROVISIONS IN THIS AGREEMENT, CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD RAILROAD HARMLESS FROM AND AGAINST ALL COSTS, LIABILITY AND EXPENSE WHATSOEVER (INCLUDING, WITHOUT LIMITATION, ATTORNEYS' FEES, COURT COSTS AND EXPENSES) ARISING OUT OF ANY ACT OR OMISSION OF CONTRACTOR, ITS AGENTS AND/OR EMPLOYEES, THAT CAUSES OR CONTRIBUTES TO (1) ANY DAMAGE TO OR DESTRUCTION OF ANY TELECOMMUNICATIONS SYSTEM ON RAILROAD'S PROPERTY, AND/OR (2) ANY INJURY TO OR DEATH OF ANY PERSON EMPLOYED BY OR ON BEHALF OF ANY TELECOMMUNICATIONS COMPANY, AND/OR ITS CONTRACTOR, AGENTS AND/OR EMPLOYEES, ON RAILROAD'S PROPERTY. CONTRACTOR SHALL NOT HAVE OR SEEK RECOURSE AGAINST RAILROAD FOR ANY CLAIM OR CAUSE OF ACTION FOR ALLEGED LOSS OF PROFITS OR REVENUE OR LOSS OF SERVICE OR OTHER CONSEQUENTIAL DAMAGE TO A TELECOMMUNICATION COMPANY USING RAILROAD'S PROPERTY OR A CUSTOMER OR USER OF SERVICES OF THE FIBER OPTIC CABLE ON RAILROAD'S PROPERTY.**

**Section 6. PERMITS - COMPLIANCE WITH LAWS.**

In the prosecution of the Work covered by this agreement, Contractor shall secure any and all necessary permits and shall comply with all applicable federal, state and local laws, regulations and enactments affecting the Work including, without limitation, all applicable Federal Railroad Administration regulations.

**Section 7. SAFETY.**

A. Safety of personnel, property, rail operations and the public is of paramount importance in the prosecution of any Work on Railroad property performed by Contractor. Contractor shall be responsible for initiating, maintaining and supervising all safety, operations and programs in connection with the Work. Contractor shall, at a minimum, comply with Railroad's then current safety standards located at the below web address ("Railroad's Safety Standards") to ensure uniformity with the safety standards followed by Railroad's own forces. As a part of Contractor's safety responsibilities, Contractor shall notify Railroad if Contractor

determines that any of Railroad's Safety Standards are contrary to good safety practices. Contractor shall furnish copies of Railroad's Safety Standards to each of its employees before they enter Railroad property.

[http://www.up.com/cs/groups/public/@uprr/@suppliers/documents/up\\_pdf\\_natedocs/pdf\\_up\\_supplier\\_safety\\_req.pdf](http://www.up.com/cs/groups/public/@uprr/@suppliers/documents/up_pdf_natedocs/pdf_up_supplier_safety_req.pdf)

B. Without limitation of the provisions of paragraph A above, Contractor shall keep the job site free from safety and health hazards and ensure that its employees are competent and adequately trained in all safety and health aspects of the job.

C. Contractor shall have proper first aid supplies available on the job site so that prompt first aid services may be provided to any person injured on the job site. Contractor shall promptly notify Railroad of any U.S. Occupational Safety and Health Administration reportable injuries. Contractor shall have a nondelegable duty to control its employees while they are on the job site or any other property of Railroad, and to be certain they do not use, be under the influence of, or have in their possession any alcoholic beverage, drug or other substance that may inhibit the safe performance of any Work.

D. If and when requested by Railroad, Contractor shall deliver to Railroad a copy of Contractor's safety plan for conducting the Work (the "Safety Plan"). Railroad shall have the right, but not the obligation, to require Contractor to correct any deficiencies in the Safety Plan. The terms of this agreement shall control if there are any inconsistencies between this agreement and the Safety Plan.

## **Section 8. INDEMNITY.**

**A. TO THE FULLEST EXTENT ALLOWED BY APPLICABLE LAW, CONTRACTOR SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS RAILROAD, ITS AFFILIATES, AND ITS AND THEIR OFFICERS, AGENTS AND EMPLOYEES (INDIVIDUALLY AN "INDEMNIFIED PARTY" OR COLLECTIVELY "INDEMNIFIED PARTIES") FROM AND AGAINST ANY AND ALL LOSS, DAMAGE, INJURY, LIABILITY, CLAIM, DEMAND, COST OR EXPENSE (INCLUDING, WITHOUT LIMITATION, ATTORNEY'S, CONSULTANT'S AND EXPERT'S FEES, AND COURT COSTS), FINE OR PENALTY (COLLECTIVELY, "LOSS") INCURRED BY ANY PERSON (INCLUDING, WITHOUT LIMITATION, ANY INDEMNIFIED PARTY, CONTRACTOR, OR ANY EMPLOYEE OF CONTRACTOR OR OF ANY INDEMNIFIED PARTY) ARISING OUT OF OR IN ANY MANNER CONNECTED WITH (I) ANY WORK PERFORMED BY CONTRACTOR, OR (II) ANY ACT OR OMISSION OF CONTRACTOR, ITS OFFICERS, AGENTS OR EMPLOYEES, OR (III) ANY BREACH OF THIS AGREEMENT BY CONTRACTOR.**

**B. THE RIGHT TO INDEMNITY UNDER THIS SECTION 8 SHALL ACCRUE UPON OCCURRENCE OF THE EVENT GIVING RISE TO THE LOSS, AND SHALL APPLY REGARDLESS OF ANY NEGLIGENCE OR STRICT LIABILITY OF ANY INDEMNIFIED PARTY, EXCEPT WHERE THE LOSS IS CAUSED BY THE SOLE ACTIVE NEGLIGENCE OF AN INDEMNIFIED PARTY AS ESTABLISHED BY THE FINAL JUDGMENT OF A COURT OF COMPETENT JURISDICTION. THE SOLE ACTIVE NEGLIGENCE OF ANY INDEMNIFIED PARTY SHALL NOT BAR THE RECOVERY OF ANY OTHER INDEMNIFIED PARTY.**

**C. CONTRACTOR EXPRESSLY AND SPECIFICALLY ASSUMES POTENTIAL LIABILITY UNDER THIS SECTION 8 FOR CLAIMS OR ACTIONS BROUGHT BY CONTRACTOR'S OWN EMPLOYEES. CONTRACTOR WAIVES ANY IMMUNITY IT MAY HAVE UNDER WORKER'S COMPENSATION OR INDUSTRIAL INSURANCE ACTS TO INDEMNIFY THE INDEMNIFIED PARTIES UNDER THIS SECTION 8. CONTRACTOR ACKNOWLEDGES THAT THIS WAIVER WAS MUTUALLY NEGOTIATED BY THE PARTIES HERETO.**

**D. NO COURT OR JURY FINDINGS IN ANY EMPLOYEE'S SUIT PURSUANT TO ANY**

**WORKER'S COMPENSATION ACT OR THE FEDERAL EMPLOYERS' LIABILITY ACT AGAINST A PARTY TO THIS AGREEMENT MAY BE RELIED UPON OR USED BY CONTRACTOR IN ANY ATTEMPT TO ASSERT LIABILITY AGAINST ANY INDEMNIFIED PARTY.**

**E. THE PROVISIONS OF THIS SECTION 8 SHALL SURVIVE THE COMPLETION OF ANY WORK PERFORMED BY CONTRACTOR OR THE TERMINATION OR EXPIRATION OF THIS AGREEMENT. IN NO EVENT SHALL THIS SECTION 8 OR ANY OTHER PROVISION OF THIS AGREEMENT BE DEEMED TO LIMIT ANY LIABILITY CONTRACTOR MAY HAVE TO ANY INDEMNIFIED PARTY BY STATUTE OR UNDER COMMON LAW.**

**Section 9. RESTORATION OF PROPERTY.**

In the event Railroad authorizes Contractor to take down any fence of Railroad or in any manner move or disturb any of the other property of Railroad in connection with the Work to be performed by Contractor, then in that event Contractor shall, as soon as possible and at Contractor's sole expense, restore such fence and other property to the same condition as the same were in before such fence was taken down or such other property was moved or disturbed. Contractor shall remove all of Contractor's tools, equipment, rubbish and other materials from Railroad's property promptly upon completion of the Work, restoring Railroad's property to the same state and condition as when Contractor entered thereon.

**Section 10. WAIVER OF DEFAULT.**

Waiver by Railroad of any breach or default of any condition, covenant or agreement herein contained to be kept, observed and performed by Contractor shall in no way impair the right of Railroad to avail itself of any remedy for any subsequent breach or default.

**Section 11. MODIFICATION - ENTIRE AGREEMENT.**

No modification of this agreement shall be effective unless made in writing and signed by Contractor and Railroad. This agreement and the exhibits attached hereto and made a part hereof constitute the entire understanding between Contractor and Railroad and cancel and supersede any prior negotiations, understandings or agreements, whether written or oral, with respect to the Work to be performed by Contractor.

**Section 12. ASSIGNMENT - SUBCONTRACTING.**

Contractor shall not assign or subcontract this agreement, or any interest therein, without the written consent of the Railroad. Contractor shall be responsible for the acts and omissions of all subcontractors. Before Contractor commences any Work, the Contractor shall, except to the extent prohibited by law; (1) require each of its subcontractors to include the Contractor as "Additional Insured" on the subcontractor's Commercial General Liability policy and Umbrella or Excess policies (if applicable) with respect to all liabilities arising out of the subcontractor's performance of Work on behalf of the Contractor by endorsing these policies with ISO Additional Insured Endorsements CG 20 10, and CG 20 37 (or substitute forms providing equivalent coverage; (2) require each of its subcontractors to endorse their Commercial General Liability Policy with "Contractual Liability Railroads" ISO Form CG 24 17 10 01 (or a substitute form providing equivalent coverage) for the job site; and (3) require each of its subcontractors to endorse their Business Automobile Policy with "Coverage For Certain Operations In Connection With Railroads" ISO Form CA 20 70 10 01 (or a substitute form providing equivalent coverage) for the job site.

**EXHIBIT C**  
**TO**  
**CONTRACTOR'S**  
**RIGHT OF ENTRY AGREEMENT**

**Union Pacific Railroad Company**  
**Insurance Requirements For**  
**Contractor's Right of Entry Agreement**

During the entire term of this Agreement and course of the Project, and until all Project Work on Railroad's property has been completed and all equipment and materials have been removed from Railroad's property and Railroad's property has been clean and restored to Railroad's satisfaction, Contractor shall, at its sole cost and expense, procure and maintain the following insurance coverage:

- A. Commercial General Liability insurance.** Commercial general liability (CGL) with a limit of not less than \$5,000,000 each occurrence and an aggregate limit of not less than \$10,000,000. CGL insurance must be written on ISO occurrence form CG 00 01 12 04 (or a substitute form providing equivalent coverage).

The policy must also contain the following endorsement, which must be stated on the certificate of insurance:

- Contractual Liability Railroads ISO form CG 24 17 10 01 (or a substitute form providing equivalent coverage) showing "Union Pacific Railroad Company Property" as the Designated Job Site.
- Designated Construction Project(s) General Aggregate Limit ISO Form CG 25 03 03 97 (or a substitute form providing equivalent coverage) showing the project on the form schedule.

- B. Business Automobile Coverage insurance.** Business auto coverage written on ISO form CA 00 01 10 01 (or a substitute form providing equivalent liability coverage) with a combined single limit of not less than \$5,000,000 for each accident and coverage must include liability arising out of any auto (including owned, hired and non-owned autos).

The policy must contain the following endorsements, which must be stated on the certificate of insurance:

- Coverage For Certain Operations In Connection With Railroads ISO form CA 20 70 10 01 (or a substitute form providing equivalent coverage) showing "Union Pacific Property" as the Designated Job Site.
- Motor Carrier Act Endorsement - Hazardous materials clean up (MCS-90) if required by law.

- C. Workers' Compensation and Employers' Liability insurance.** Coverage must include but not be limited to:

- Contractor's statutory liability under the workers' compensation laws of the state where the Work is being performed.
- Employers' Liability (Part B) with limits of at least \$500,000 each accident, \$500,000 disease policy limit \$500,000 each employee.

If Contractor is self-insured, evidence of state approval and excess workers compensation coverage must be provided. Coverage must include liability arising out of the U. S. Longshoremen's and Harbor Workers' Act, the Jones Act, and the Outer Continental Shelf Land Act, if applicable.

- D. Railroad Protective Liability insurance.** Contractor must maintain "Railroad Protective Liability" (RPL) insurance written on ISO occurrence form CG 00 35 12 04 (or a substitute form providing equivalent coverage) on behalf of Railroad as named insured, with a limit of not less than \$2,000,000 per occurrence

and an aggregate of \$6,000,000. The definition of "JOB LOCATION" and "WORK" on the declaration page of the policy shall refer to this agreement and shall describe all WORK or OPERATIONS performed under this agreement. Contractor shall provide this agreement to Contractor's insurance agent(s) and/or broker(s) and Contractor shall instruct such agent(s) and/or broker(s) to procure the insurance coverage required by this agreement. A BINDER STATING THE POLICY IS IN PLACE MUST BE SUBMITTED TO RAILROAD BEFORE THE WORK MAY COMMENCE AND UNTIL THE ORIGINAL POLICY IS FORWARDED TO UNION PACIFIC RAILROAD.

- E. **Umbrella or Excess** insurance. If Contractor utilizes umbrella or excess policies, these policies must "follow form" and afford no less coverage than the primary policy.
- F. **Pollution Liability** insurance. Pollution liability coverage must be included when the scope of the Work as defined in the agreement includes installation, temporary storage, or disposal of any "hazardous" material that is injurious in or upon land, the atmosphere, or any watercourses; or may cause bodily injury at any time.

If required, coverage may be provided in separate policy form or by endorsement to Contractors CGL or RPL. Any form coverage must be equivalent to that provided in ISO form CG 24 15 "Limited Pollution Liability Extension Endorsement" or CG 28 31 "Pollution Exclusion Amendment" with limits of at least \$5,000,000 per occurrence and an aggregate limit of \$10,000,000.

If the scope of Work as defined in this agreement includes the disposal of any hazardous or non-hazardous materials from the job site, Contractor must furnish to Railroad evidence of pollution legal liability insurance maintained by the disposal site operator for losses arising from the insured facility accepting the materials, with coverage in minimum amounts of \$1,000,000 per loss, and an annual aggregate of \$2,000,000.

### **Other Requirements**

- G. All policy(ies) required above (except business automobile, worker's compensation and employers liability) must include Railroad as "Additional Insured" using ISO Additional Insured Endorsements CG 20 10, and CG 20 37 (or substitute forms providing equivalent coverage). The coverage provided to Railroad as additional insured shall not be limited by Contractor's liability under the indemnity provisions of this agreement. BOTH CONTRACTOR AND RAILROAD EXPECT THAT UNION PACIFIC RAILROAD COMPANY WILL BE PROVIDED WITH THE BROADEST POSSIBLE COVERAGE AVAILABLE BY OPERATION OF LAW UNDER ISO ADDITIONAL INSURED FORMS CG 20 10 AND CG 20 37.
- H. Punitive damages exclusion, if any, must be deleted (and the deletion indicated on the certificate of insurance), unless (a) insurance coverage may not lawfully be obtained for any punitive damages that may arise under this agreement, or (b) all punitive damages are prohibited by all states in which this agreement will be performed.
- I. Contractor waives all rights of recovery, and its insurers also waive all rights of subrogation of damages against Railroad and its agents, officers, directors and employees for damages covered by the workers compensation and employers liability or commercial umbrella or excess liability obtained by Contractor required in this agreement where permitted by law. This waiver must be stated on the certificate of insurance.
- J. Prior to commencing the Work, Contractor shall furnish Railroad with a certificate(s) of insurance, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements in this agreement.

- K.** All insurance policies must be written by a reputable insurance company acceptable to Railroad or with a current Best's Insurance Guide Rating of A- and Class VII or better, and authorized to do business in the state where the Work is being performed.
- L.** The fact that insurance is obtained by Contractor or by Railroad on behalf of Contractor will not be deemed to release or diminish the liability of Contractor, including, without limitation, liability under the indemnity provisions of this agreement. Damages recoverable by Railroad from Contractor or any third party will not be limited by the amount of the required insurance coverage.



STATE AID FOR LOCAL TRANSPORTATION  
RESOLUTION – Approving County Project within Municipal Corporate Limits

**BLUE**

April 2007

WHEREAS, plans for Project No. **SAP 053-610-011** showing proposed alignment, profiles grades and cross-sections for the construction, reconstruction or improvement of County State-Aid Highway No. **10** within the limits of the City of **Worthington** as a State Aid Project have been prepared and presented to the City.

NOW, THEREFORE, BE IT RESOLVED: That said plans be in all things approved.

Dated this \_\_\_\_\_, day of \_\_\_\_\_, 20\_\_\_\_\_.

CERTIFICATION

State of Minnesota

County of **Nobles**

City of **Worthington**

I hereby certify that the foregoing Resolution is a true and correct copy of a resolution presented to and adopted by the City Council of **Worthington** at a meeting therefor held in the City of **Worthington**, Minnesota, on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, as disclosed by the records of said City in my possession.

\_\_\_\_\_  
City Clerk

(Seal)

## COMMUNITY DEVELOPMENT MEMO

**DATE:** February 3, 2026  
**TO:** HONORABLE MAYOR AND CITY COUNCIL  
**SUBJECT:** ITEMS REQUIRING CITY COUNCIL ACTION OR REVIEW

**CASE ITEMS****1. PUBLIC HEARING ON RESIDENTIAL PROPERTY TAX ABATEMENT**

*Exhibit 1A* is a copy of a City of Worthington Residential Property Tax Abatement Program application submitted by Todd Schwebach of Todd Schwebach Construction. The applicant is seeking approval of tax abatement for the construction of a single-family home at 921 Diagonal Road. The previous home on the lot was demolished in 2024.

Staff has reviewed the application and has concluded that it meets all the parameters of the Program guidelines. Therefore, staff is recommending approval of the application. To comply with State Statutes regarding tax abatement, a public hearing has been scheduled tonight to allow for public comment on the proposed abatement. Should Council concur with staff's recommendation, it may do so by adopting the resolution provided in *Exhibit 1B* after the completion of the public hearing.

Council action is requested.

**2. PUBLIC HEARING ON RESIDENTIAL PROPERTY TAX ABATEMENT**

*Exhibit 2A* is a copy of a City of Worthington Residential Property Tax Abatement Program application submitted by Marco Ramos on behalf of Ramos Construction. The applicant is seeking approval of tax abatement for the construction of a single-family home on Cecilee Street.

Staff has reviewed the application and has concluded that it meets all the parameters of the Program guidelines. Therefore, staff is recommending approval of the application. To comply with State Statutes regarding tax abatement, a public hearing has been scheduled tonight to allow for public comment on the proposed abatement. Should Council concur with staff's recommendation, it may do so by adopting the resolution provided in *Exhibit 2B* after the completion of the public hearing.

Council action is requested.

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION APPROVING TAX ABATEMENT  
FOR CERTAIN PROPERTY PURSUANT TO MINN. STAT. 469.1813**

WHEREAS, Minnesota Statute 469.1813 gives authority to the City of Worthington to grant an abatement of taxes imposed by the City if certain criteria are met; and

WHEREAS, in addition to the statutory requirements, the City of Worthington has adopted the Residential Property Tax Abatement Program guidelines which must be met before abatement of taxes will be granted for residential development; and

WHEREAS, T & S Rentals LLC is the owner of certain property within the City of Worthington, legally described as follows:

All that part of Lot 14 and all that part of Alley Lot B, both being in Block 57-A, Auditor's Plat of Southwesterly part of Block 57, Second Addition to Worthington, Minnesota, lying northwesterly and northeasterly of the following described line: Beginning at the most easterly corner of said Lot 14; thence South 51 degrees 39 minutes 24 seconds West, basis of bearing being North 44 degrees 03 minutes 38 seconds West along the southeasterly line of said Lot 14, 99.54 feet; thence North 77 degrees 41 minutes 01 seconds West, 39.37 feet, more or less, to the northeasterly line of Lot 16 of said Block 57-A and there said line terminates.

WHEREAS, Todd Schwebach on behalf of T & S Rentals LLC has made application to the City of Worthington for the abatement of taxes as to the above-described parcel;

WHEREAS, on the date hereof, the City Council conducted a duly noticed public hearing on the abatement proposed to be provided by the City at which the views of all interested persons were heard; and

WHEREAS, T & S Rentals LLC have met the statutory requirements outlined under Minnesota Statute 469.1813 Subdivision 1(1) and Subdivision 1(2)(i) as well as the City's Residential Property Tax Abatement Program guidelines for tax abatement;

**NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE  
CITY OF WORTHINGTON, MINNESOTA:**

1. The City of Worthington does, hereby grant an abatement of the City of Worthington's share of real estate taxes upon the above-described parcel for the construction of a single-family home on the property described above.
2. The tax abatement will be for no more than five years commencing on the first year of taxes payable for the assessed value(s) related to the capital improvements outlined in Paragraph 1.
3. The City shall provide the awarded abatement payments following payment of due real estate taxes annually. Payments shall be made to the owner of record at

the time of the payment.

4. The tax abatement shall be for the capital improvements only. Land values are not eligible and will not be abated.
5. The abatement shall be null and void if construction is not commenced within 6 months of the approval of this resolution or if real estate taxes are not paid on or before the respective payment deadlines annually.

Adopted by the City Council this 9<sup>th</sup> day of February, 2026.

(SEAL)

---

Rick Von Holdt, Mayor

Attest: \_\_\_\_\_  
Mindy Eggers, City Clerk

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION APPROVING TAX ABATEMENT  
FOR CERTAIN PROPERTY PURSUANT TO MINN. STAT. 469.1813**

WHEREAS, Minnesota Statute 469.1813 gives authority to the City of Worthington to grant an abatement of taxes imposed by the City if certain criteria are met; and

WHEREAS, in addition to the statutory requirements, the City of Worthington has adopted the Residential Property Tax Abatement Program guidelines which must be met before abatement of taxes will be granted for residential development; and

WHEREAS, Marco and Maria Ramos are the owner of certain property within the City of Worthington, legally described as follows:

Lot 8, Block 2, Cecilee Addition, City of Worthington, Nobles County, Minnesota.

WHEREAS, Marco and Maria Ramos have made application to the City of Worthington for the abatement of taxes as to the above-described parcel;

WHEREAS, on the date hereof, the City Council conducted a duly noticed public hearing on the abatement proposed to be provided by the City at which the views of all interested persons were heard; and

WHEREAS, Marco and Maria Ramos have met the statutory requirements outlined under Minnesota Statute 469.1813 Subdivision 1(l) and Subdivision 1(2)(i) as well as the City's Residential Property Tax Abatement Program guidelines for tax abatement;

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WORTHINGTON, MINNESOTA:

1. The City of Worthington does, hereby grant an abatement of the City of Worthington's share of real estate taxes upon the above-described parcel for the construction of a single-family home on Lot 8, Block 2, Cecilee Addition, City of Worthington, Nobles County, Minnesota.
2. The tax abatement will be for no more than five years commencing on the first year of taxes payable for the assessed value(s) related to the capital improvements outlined in Paragraph 1.
3. The City shall provide the awarded abatement payments following payment of due real estate taxes annually. Payments shall be made to the owner of record at the time of the payment.
4. The tax abatement shall be for the capital improvements only. Land values are not eligible and will not be abated.

5. The abatement shall be null and void if construction is not commenced within 6 months of the approval of this resolution or if real estate taxes are not paid on or before the respective payment deadlines annually.

Adopted by the City Council this 9<sup>th</sup> day of February, 2026.

(SEAL)

\_\_\_\_\_  
Rick Von Holdt, Mayor

Attest: \_\_\_\_\_  
Mindy Eggers, City Clerk

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
AARON PAVELKO	1/30/26	JUTS MEETING	ELECTRIC	O-DISTR MISC	<u>317.13</u>
				TOTAL:	317.13
AMERICAN ENGINEERING TESTING INC	1/30/26	MWWTF IMPROVEMENTS	MUNICIPAL WASTEWAT	FA PURIFY STRUCTURES	<u>6,663.18</u>
				TOTAL:	6,663.18
ARTISAN BEER COMPANY	1/30/26	BEER	LIQUOR	NON-DEPARTMENTAL	<u>390.40</u>
				TOTAL:	390.40
BELLBOY CORPORATION	1/30/26	MIX	LIQUOR	NON-DEPARTMENTAL	381.75
	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	950.00
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	862.00
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	326.00
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	101.00
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	558.99
	1/30/26	THC	LIQUOR	NON-DEPARTMENTAL	1,287.42
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	7.78
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	8.00
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	4.00
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	2.00
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	8.00
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>34.00</u>
				TOTAL:	4,530.94
BEVERAGE WHOLESALERS INC	1/30/26	BEER	LIQUOR	NON-DEPARTMENTAL	9,617.24
	1/30/26	BEER	LIQUOR	NON-DEPARTMENTAL	9,196.97
	1/30/26	MIX	LIQUOR	NON-DEPARTMENTAL	<u>90.00</u>
				TOTAL:	18,904.21
BORDER STATES ELECTRIC SUPPLY	1/30/26	MARKERS ORG RED PAINT	ELECTRIC	M-DISTR UNDERGRND LINE	330.90
	1/30/26	COUPLINGS	ELECTRIC	FA DISTR UNDRGRND COND	102.15
	1/30/26	HV JUNCTIONS LUGS	ELECTRIC	FA DISTR UNDRGRND COND	<u>2,214.03</u>
				TOTAL:	2,647.08
BREAKTHRU BEVERAGE MINNESOTA BEER LLC	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	2,030.00
	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	84.00
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	29.60
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>1.85</u>
				TOTAL:	2,145.45
COLONIAL LIFE & ACCIDENT INSURANCE COM	1/30/26	ACCIDENT INS	GENERAL FUND	NON-DEPARTMENTAL	194.09
	1/30/26	ACCIDENT INS	GENERAL FUND	NON-DEPARTMENTAL	191.54
	1/30/26	CANCER INS	GENERAL FUND	NON-DEPARTMENTAL	228.53
	1/30/26	CANCER INS	GENERAL FUND	NON-DEPARTMENTAL	236.41
	1/30/26	HOSPITAL CONFINEMENT INS	GENERAL FUND	NON-DEPARTMENTAL	25.36
	1/30/26	HOSPITAL CONFINEMENT INS	GENERAL FUND	NON-DEPARTMENTAL	26.16
	1/30/26	SHORT-TERM DISABILITY	GENERAL FUND	NON-DEPARTMENTAL	428.18
	1/30/26	SHORT-TERM DISABILITY	GENERAL FUND	NON-DEPARTMENTAL	440.87
	1/30/26	CRITICAL ILLNESS INS	GENERAL FUND	NON-DEPARTMENTAL	62.93
	1/30/26	CRITICAL ILLNESS INS	GENERAL FUND	NON-DEPARTMENTAL	64.96
	1/30/26	WHOLE LIFE INS	GENERAL FUND	NON-DEPARTMENTAL	638.07
	1/30/26	WHOLE LIFE INS	GENERAL FUND	NON-DEPARTMENTAL	517.23
	1/30/26	TERM LIFE INS	GENERAL FUND	NON-DEPARTMENTAL	169.63
	1/30/26	TERM LIFE INS	GENERAL FUND	NON-DEPARTMENTAL	169.63
	1/30/26	LARSON-ACCIDENT	GENERAL FUND	NON-DEPARTMENTAL	14.90
	1/30/26	WHOLE LIFE INS	MEMORIAL AUDITORIUM	NON-DEPARTMENTAL	24.13

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	1/30/26	WHOLE LIFE INS	MEMORIAL AUDITORIUM	NON-DEPARTMENTAL	24.13
	1/30/26	ACCIDENT INS	RECREATION	NON-DEPARTMENTAL	19.96
	1/30/26	ACCIDENT INS	RECREATION	NON-DEPARTMENTAL	15.79
	1/30/26	CANCER INS	RECREATION	NON-DEPARTMENTAL	31.39
	1/30/26	CANCER INS	RECREATION	NON-DEPARTMENTAL	20.94
	1/30/26	HOSPITAL CONFINEMENT INS	RECREATION	NON-DEPARTMENTAL	1.12
	1/30/26	HOSPITAL CONFINEMENT INS	RECREATION	NON-DEPARTMENTAL	0.32
	1/30/26	SHORT-TERM DISABILITY	RECREATION	NON-DEPARTMENTAL	39.95
	1/30/26	SHORT-TERM DISABILITY	RECREATION	NON-DEPARTMENTAL	36.53
	1/30/26	CRITICAL ILLNESS INS	RECREATION	NON-DEPARTMENTAL	13.93
	1/30/26	CRITICAL ILLNESS INS	RECREATION	NON-DEPARTMENTAL	11.77
	1/30/26	ACCIDENT INS	IMPROVEMENT CONST	NON-DEPARTMENTAL	8.87
	1/30/26	ACCIDENT INS	IMPROVEMENT CONST	NON-DEPARTMENTAL	4.78
	1/30/26	CANCER INS	IMPROVEMENT CONST	NON-DEPARTMENTAL	2.85
	1/30/26	CANCER INS	IMPROVEMENT CONST	NON-DEPARTMENTAL	2.18
	1/30/26	SHORT-TERM DISABILITY	IMPROVEMENT CONST	NON-DEPARTMENTAL	31.56
	1/30/26	SHORT-TERM DISABILITY	IMPROVEMENT CONST	NON-DEPARTMENTAL	19.05
	1/30/26	WHOLE LIFE INS	IMPROVEMENT CONST	NON-DEPARTMENTAL	41.60
	1/30/26	WHOLE LIFE INS	IMPROVEMENT CONST	NON-DEPARTMENTAL	25.11
	1/30/26	ACCIDENT INS	WATER	NON-DEPARTMENTAL	36.54
	1/30/26	ACCIDENT INS	WATER	NON-DEPARTMENTAL	41.79
	1/30/26	CANCER INS	WATER	NON-DEPARTMENTAL	65.96
	1/30/26	CANCER INS	WATER	NON-DEPARTMENTAL	65.96
	1/30/26	SHORT-TERM DISABILITY	WATER	NON-DEPARTMENTAL	70.60
	1/30/26	SHORT-TERM DISABILITY	WATER	NON-DEPARTMENTAL	81.74
	1/30/26	CRITICAL ILLNESS INS	WATER	NON-DEPARTMENTAL	29.13
	1/30/26	CRITICAL ILLNESS INS	WATER	NON-DEPARTMENTAL	29.13
	1/30/26	WHOLE LIFE INS	WATER	NON-DEPARTMENTAL	20.21
	1/30/26	ACCIDENT INS	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	24.75
	1/30/26	ACCIDENT INS	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	25.71
	1/30/26	CANCER INS	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	28.08
	1/30/26	CANCER INS	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	28.08
	1/30/26	SHORT-TERM DISABILITY	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	53.84
	1/30/26	SHORT-TERM DISABILITY	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	49.86
	1/30/26	WHOLE LIFE INS	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	63.50
	1/30/26	WHOLE LIFE INS	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	63.50
	1/30/26	TERM LIFE INS	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	28.34
	1/30/26	TERM LIFE INS	MUNICIPAL WASTEWAT	NON-DEPARTMENTAL	28.34
	1/30/26	ACCIDENT INS	ELECTRIC	NON-DEPARTMENTAL	49.90
	1/30/26	ACCIDENT INS	ELECTRIC	NON-DEPARTMENTAL	49.85
	1/30/26	CANCER INS	ELECTRIC	NON-DEPARTMENTAL	53.91
	1/30/26	CANCER INS	ELECTRIC	NON-DEPARTMENTAL	53.91
	1/30/26	SHORT-TERM DISABILITY	ELECTRIC	NON-DEPARTMENTAL	15.07
	1/30/26	SHORT-TERM DISABILITY	ELECTRIC	NON-DEPARTMENTAL	15.07
	1/30/26	TERM LIFE INS	ELECTRIC	NON-DEPARTMENTAL	41.71
	1/30/26	TERM LIFE INS	ELECTRIC	NON-DEPARTMENTAL	41.71
	1/30/26	ROOS-ACCIDENT	ELECTRIC	NON-DEPARTMENTAL	21.08
	1/30/26	ACCIDENT INS	STORM WATER MANAGE	NON-DEPARTMENTAL	0.99
	1/30/26	SHORT-TERM DISABILITY	STORM WATER MANAGE	NON-DEPARTMENTAL	4.11
	1/30/26	WHOLE LIFE INS	LIQUOR	NON-DEPARTMENTAL	27.00
	1/30/26	WHOLE LIFE INS	LIQUOR	NON-DEPARTMENTAL	27.00
	1/30/26	ACCIDENT INS	AIRPORT	NON-DEPARTMENTAL	0.90
	1/30/26	ACCIDENT INS	AIRPORT	NON-DEPARTMENTAL	1.54
	1/30/26	CANCER INS	AIRPORT	NON-DEPARTMENTAL	2.09
	1/30/26	CANCER INS	AIRPORT	NON-DEPARTMENTAL	4.65
	1/30/26	SHORT-TERM DISABILITY	AIRPORT	NON-DEPARTMENTAL	0.99

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	1/30/26	SHORT-TERM DISABILITY	AIRPORT	NON-DEPARTMENTAL	1.18
	1/30/26	CRITICAL ILLNESS INS	AIRPORT	NON-DEPARTMENTAL	0.64
	1/30/26	CRITICAL ILLNESS INS	AIRPORT	NON-DEPARTMENTAL	0.77
	1/30/26	ACCIDENT INS	DATA PROCESSING	NON-DEPARTMENTAL	4.02
	1/30/26	ACCIDENT INS	DATA PROCESSING	NON-DEPARTMENTAL	3.96
	1/30/26	CANCER INS	DATA PROCESSING	NON-DEPARTMENTAL	13.55
	1/30/26	CANCER INS	DATA PROCESSING	NON-DEPARTMENTAL	13.92
	1/30/26	CRITICAL ILLNESS INS	DATA PROCESSING	NON-DEPARTMENTAL	19.96
	1/30/26	CRITICAL ILLNESS INS	DATA PROCESSING	NON-DEPARTMENTAL	19.96
	1/30/26	HENNING-ACCIDENT	DATA PROCESSING	NON-DEPARTMENTAL	9.84
	1/30/26	HENNING-CANCER	DATA PROCESSING	NON-DEPARTMENTAL	<u>26.75</u>
				TOTAL:	5,145.54
DOLL DISTRIBUTING LLC	1/30/26	BEER	LIQUOR	NON-DEPARTMENTAL	<u>5,423.00</u>
				TOTAL:	5,423.00
E-Z WASH	1/30/26	CAR WASHES	GENERAL FUND	POLICE ADMINISTRATION	<u>190.00</u>
				TOTAL:	190.00
ECHO GROUP INC	1/30/26	45 DEGREE	ELECTRIC	FA DISTR UNDRGRND COND	119.62
	1/30/26	SECONDARY WIRE	ELECTRIC	FA DISTR UNDRGRND COND	14,191.25
	1/30/26	LED BULBS FUSES	ELECTRIC	FA DISTR ST LITE & SIG	1,666.14
	1/30/26	SALES TAX	ELECTRIC	FA DISTR ST LITE & SIG	<u>1,258.19</u>
				TOTAL:	17,235.20
ENVIRONMENTAL RESOURCE ASSOCIATES	1/30/26	2026 WW QA TESTING SAMPLE	MUNICIPAL WASTEWAT	O-PURIFY LABORATORY	<u>978.36</u>
				TOTAL:	978.36
FASTENAL COMPANY	1/30/26	ROLL PIN	ELECTRIC	O-DISTR MISC	0.15
	1/30/26	MISCS BOLTS	ELECTRIC	O-DISTR MISC	46.45
	1/30/26	EYEWASH BOTTLES	SAFETY PROMO/LOSS	HEALTH/SAFETY/FITNESS	<u>243.75</u>
				TOTAL:	290.35
FRONTIER COMMUNICATION SERVICES	1/30/26	MONTHLY SERVICE	GENERAL FUND	MAYOR AND COUNCIL	48.16
	1/30/26	MONTHLY SERVICE	GENERAL FUND	CLERK'S OFFICE	46.40
	1/30/26	MONTHLY SERVICE	GENERAL FUND	CLERK'S OFFICE	46.40
	1/30/26	MONTHLY SERVICE	GENERAL FUND	ENGINEERING ADMIN	23.20
	1/30/26	MONTHLY SERVICE	GENERAL FUND	ENGINEERING ADMIN	82.50
	1/30/26	MONTHLY SERVICE	GENERAL FUND	ECONOMIC DEVELOPMENT	23.20
	1/30/26	MONTHLY SERVICE	GENERAL FUND	OTHER GEN GOVT MISC	47.58
	1/30/26	MONTHLY SERVICE	GENERAL FUND	OTHER GEN GOVT MISC	19.73
	1/30/26	MONTHLY SERVICE	GENERAL FUND	FIRE ADMINISTRATION	82.50
	1/30/26	MONTHLY SERVICE	GENERAL FUND	FIRE ADMINISTRATION	82.50
	1/30/26	MONTHLY SERVICE	GENERAL FUND	FIRE ADMINISTRATION	63.21
	1/30/26	MONTHLY SERVICE	GENERAL FUND	FIRE ADMINISTRATION	82.50
	1/30/26	MONTHLY SERVICE	GENERAL FUND	CENTER FOR ACTIVE LIVI	115.65
	1/30/26	MONTHLY SERVICE	GENERAL FUND	CENTER FOR ACTIVE LIVI	97.90
	1/30/26	MONTHLY SERVICE	GENERAL FUND	CENTER FOR ACTIVE LIVI	82.50
	1/30/26	MONTHLY SERVICE	GENERAL FUND	CENTER FOR ACTIVE LIVI	64.75
	1/30/26	MONTHLY SERVICE	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	398.05
	1/30/26	MONTHLY SERVICE	RECREATION	PARK AREAS	47.58
	1/30/26	MONTHLY SERVICE	ECONOMIC DEV AUTHO	TRAINING/TESTING CENTE	202.92
	1/30/26	MONTHLY SERVICE	LIQUOR	O-GEN MISC	414.52
	1/30/26	MONTHLY SERVICE	AIRPORT	O-GEN MISC	73.20
	1/30/26	MONTHLY SERVICE	DATA PROCESSING	DATA PROCESSING	55.81
	1/30/26	MONTHLY SERVICE	DATA PROCESSING	DATA PROCESSING	46.40

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	1/30/26	MONTHLY SERVICE	DATA PROCESSING	COPIER/FAX	<u>46.40</u>
				TOTAL:	2,293.56
DESTINI GOLOMBIECKI	1/30/26	BLS INSTRUCTOR CLASS	GENERAL FUND	POLICE ADMINISTRATION	<u>300.00</u>
				TOTAL:	300.00
HARRY JENNESS INSPECTIONS LLC	1/30/26	BUILDING OFFICIAL DUTIES J	GENERAL FUND	ECONOMIC DEVELOPMENT	<u>1,000.00</u>
				TOTAL:	1,000.00
HAWKINS INC	1/30/26	DEMURRAGE	MUNICIPAL WASTEWAT	O-PURIFY MISC	10.00
	1/30/26	DEMURRAGE	MUNICIPAL WASTEWAT	O-PURIFY MISC	<u>10.00</u>
				TOTAL:	20.00
INGERSOLL RAND COMPANY	1/30/26	XL-740HT AIR COMPRESSOR OI	MUNICIPAL WASTEWAT	M-PURIFY EQUIPMENT	<u>509.22</u>
				TOTAL:	509.22
JOHNSON BROTHERS LIQUOR CO	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	56.68-
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	2,315.06
	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	945.00
	1/30/26	MIX	LIQUOR	NON-DEPARTMENTAL	52.00
	1/30/26	THC	LIQUOR	NON-DEPARTMENTAL	331.38
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	124.70
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	37.17
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	22.66
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>2.00</u>
				TOTAL:	3,773.29
LAMPERTS YARDS INC-2602004	1/30/26	GREEN 2X6X8	ELECTRIC	M-DISTR UNDERGRND LINE	9.42
	1/30/26	HARDWARE	ELECTRIC	M-DISTR UNDERGRND LINE	<u>1.38</u>
				TOTAL:	10.80
MALLOY ELECTRIC BEARING SUPPLY	1/30/26	#421 ROLLER BRG	AIRPORT	O-GEN MISC	<u>364.79</u>
				TOTAL:	364.79
MEDSURETY LLC	1/30/26	1/30/26 DCAP-DD	GENERAL FUND	NON-DEPARTMENTAL	<u>625.00</u>
				TOTAL:	625.00
MINNESOTA CHILD SUPPORT PAYMENT CTR	1/30/26	SUPPORT ORDER	GENERAL FUND	NON-DEPARTMENTAL	<u>146.28</u>
				TOTAL:	146.28
MINNESOTA VALLEY TESTING LABS INC	1/30/26	MONTHLY SAMPLES JANUARY	MUNICIPAL WASTEWAT	O-PURIFY LABORATORY	295.44
	1/30/26	BALANCE ON REMAIN INVOICE	MUNICIPAL WASTEWAT	O-PURIFY LABORATORY	<u>192.38</u>
				TOTAL:	487.82
MISCELLANEOUS V NAU, LEONARD & SUSAN	1/30/26	2025 PROP TAX OVERPAYMENT	GO SERIES 2019A	NON-DEPARTMENTAL	945.60
BRINKS, MARQUES A & EL	1/30/26	2025 PROP TAX OVERPAYMENT	GO SERIES 2019A	NON-DEPARTMENTAL	396.48
OROZCO MONTANEZ, LETEC	1/30/26	2025 PROP TAX OVERPAYMENT	GO SERIES 2019A	NON-DEPARTMENTAL	357.70
NAU, LEONARD & SUSAN	1/30/26	2025 PROP TAX OVERPAYMENT	IMPROVEMENT CONST	NON-DEPARTMENTAL	<u>59.44</u>
				TOTAL:	1,759.22
JODI MULDER	1/30/26	WORK PANTS	GENERAL FUND	SECURITY CENTER	14.99
	1/30/26	WORK PANTS	GENERAL FUND	SECURITY CENTER	<u>15.00</u>
				TOTAL:	29.99
NOTHING BUT HEMP	1/30/26	THC	LIQUOR	NON-DEPARTMENTAL	<u>882.00</u>
				TOTAL:	882.00

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
ONE OFFICE SOLUTION-WOUTIL	1/30/26	MISC SUPPLIES	WATER	ACCTS-RECORDS & COLLEC	35.76
	1/30/26	MISC SUPPLIES	MUNICIPAL WASTEWAT	ACCT-RECORDS & COLLECT	35.76
	1/30/26	MISC SUPPLIES	ELECTRIC	ACCTS-RECORDS & COLLEC	<u>71.51</u>
				TOTAL:	143.03
PAIGE ST. JOHN	1/30/26	SHELF TAGS	LIQUOR	O-GEN MISC	<u>131.55</u>
				TOTAL:	131.55
PHILLIPS WINE & SPIRITS INC	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	1,936.60
	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	1,067.16
	1/30/26	MIX	LIQUOR	NON-DEPARTMENTAL	81.50
	1/30/26	THC	LIQUOR	NON-DEPARTMENTAL	361.00
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	124.70
	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	588.72
	1/30/26	THC	LIQUOR	NON-DEPARTMENTAL	309.00
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	5.84-
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	9.00-
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	15.33-
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	2.14-
	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	15.75-
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	32.34
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	34.00
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	2.00
					<u>12.00</u>
			TOTAL:	4,500.96	
RINK SYSTEMS INC	1/30/26	REPLACEMENT GLASS PANEL	RECREATION	ICE ARENA	<u>1,289.00</u>
				TOTAL:	1,289.00
RONS REPAIR INC	1/30/26	DOT UNIT 329 VAC TRUCK	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	13.75
	1/30/26	DOT UNIT 329 VAC TRUCK LAB	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	<u>165.00</u>
				TOTAL:	178.75
RUNNINGS SUPPLY INC-ACCT#9502440	1/30/26	HITCH COUPLER	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	29.99
	1/30/26	RETURN COUPLER, PAINT AN S	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	20.49
	1/30/26	PUMP BRACKET SUPPLIES	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	19.87
	1/30/26	PUMP BRACKET PAINT SUPPLIE	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	9.66
	1/30/26	GREASE GUN HOSE	MUNICIPAL WASTEWAT	M-PURIFY EQUIPMENT	8.99
	1/30/26	TREATMENT MAINT SUPPLIES	MUNICIPAL WASTEWAT	M-PURIFY EQUIPMENT	67.95
	1/30/26	TREATMENT MAINT SUPPLIES	MUNICIPAL WASTEWAT	M-PURIFY EQUIPMENT	17.17
	1/30/26	WD-40	MUNICIPAL WASTEWAT	M-PURIFY EQUIPMENT	13.98
	1/30/26	MILKHOUSE HEATER SUB 1	ELECTRIC	O-DISTR STATION EXPENS	24.99
	1/30/26	FEAMALE DISONNECT	ELECTRIC	M-DISTR UNDERGRND LINE	<u>4.58</u>
				TOTAL:	217.67
SCHWALBACH #4465	1/30/26	SERVICE CALL	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	<u>125.00</u>
				TOTAL:	125.00
SCHWALBACH ACE #6067	1/30/26	WIRE	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	<u>12.53</u>
				TOTAL:	12.53
SHINE BROS CORP OF MINN	1/30/26	MATERIAL FOR NEW PUMP HOSE	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	<u>119.22</u>
				TOTAL:	119.22
SIEVE AARON	1/30/26	REIMBURSEMENT WALMART	ELECTRIC	O-DISTR MISC	<u>8.44</u>
				TOTAL:	8.44

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
SMALL LOT MN LLC	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	780.00
	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	<u>240.00</u>
				TOTAL:	1,020.00
SOUTHERN GLAZER'S WINE AND SPIRITS LL	1/30/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	1,477.11
	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	378.00
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	22.20
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>3.24</u>
			TOTAL:	1,880.55	
STENZEL EXCAVATING LLC	1/30/26	SNOW HAULING	GENERAL FUND	ICE AND SNOW REMOVAL	<u>2,310.00</u>
				TOTAL:	2,310.00
TRANSOURCE TRUCK & EQUIPMENT	1/30/26	NEW LOADER VCE0L24HV0S6269	GENERAL FUND	PAVED STREETS	<u>228,771.00</u>
				TOTAL:	228,771.00
UNION PACIFIC RAILROAD COMPANY	1/30/26	PEDESTRIAN TRAIL BELOW RAI IMPROVEMENT CONST		E FLOWER LANE EXTENSIO	<u>4,624.87</u>
				TOTAL:	4,624.87
VERCRUYSSSE COLIN	1/30/26	JUTS MEETING	ELECTRIC	O-DISTR MISC	433.60
	1/30/26	REMIBURSEMENT TSC	ELECTRIC	M-DISTR UNDERGRND LINE	<u>51.29</u>
				TOTAL:	484.89
WESCO RECEIVABLES CORP	1/30/26	HV SPLICE CLEANER	ELECTRIC	FA DISTR UNDRGRND COND	60.39
	1/30/26	TAPE GREEN	ELECTRIC	FA DISTR UNDRGRND COND	316.07
	1/30/26	HV ARRESTERS	ELECTRIC	FA DISTR UNDRGRND COND	<u>1,054.24</u>
				TOTAL:	1,430.70
WINE MERCHANTS	1/30/26	WINE	LIQUOR	NON-DEPARTMENTAL	1,063.00
	1/30/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>15.00</u>
				TOTAL:	1,078.00
WORTHINGTON AREA UNITED WAY	1/30/26	PAYROLL WITHHOLDING	GENERAL FUND	NON-DEPARTMENTAL	6.00
	1/30/26	PAYROLL WITHHOLDING	GENERAL FUND	NON-DEPARTMENTAL	6.00
	1/30/26	PAYROLL WITHHOLDING	GENERAL FUND	NON-DEPARTMENTAL	6.00
	1/30/26	PAYROLL WITHHOLDING	DATA PROCESSING	NON-DEPARTMENTAL	20.00
	1/30/26	PAYROLL WITHHOLDING	DATA PROCESSING	NON-DEPARTMENTAL	20.00
	1/30/26	PAYROLL WITHHOLDING	DATA PROCESSING	NON-DEPARTMENTAL	<u>20.00</u>
			TOTAL:	78.00	



PACKET: 05759 01/30/2026 PAYROLL - 9

VENDOR SET: 01 CITY OF WORTHINGTON \*\*\* DRAFT/OTHER LISTING \*\*\*

BANK: 1 FIRST STATE BANK SOUTHWES

VENDOR	I.D.	NAME	ITEM TYPE	PAID DATE	DISCOUNT	AMOUNT	ITEM NO#	ITEM AMOUNT
D00173		DEFERRED COMP- MINNESOTA STATE	D	2/04/2026			002802	8,954.53
E00088		EFTPS	D	2/04/2026			002803	81,646.27
M00309		MINNESOTA STATE RETIREMENT SYSTD		2/04/2026			002804	2,420.00
P00039		PUBLIC EMPLOYEES RETIREMENT ASSD		2/04/2026			002805	65,413.86
S00202		STATE OF MINNESOTA DEPT OF REVED		2/04/2026			002806	16,844.57

* * B A N K T O T A L S * *	NO#	DISCOUNTS	CHECK AMT	TOTAL APPLIED
REGULAR CHECKS:	0	0.00	0.00	0.00
HANDWRITTEN CHECKS:	0	0.00	0.00	0.00
PRE-WRITE CHECKS:	0	0.00	0.00	0.00
DRAFTS:	5	0.00	175,279.23	175,279.23
VOID CHECKS:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
CORRECTIONS:	0	0.00	0.00	0.00
BANK TOTALS:	5	0.00	175,279.23	175,279.23

PACKET: 05765 MEDSURETY  
 VENDOR SET: 01 CITY OF WORTHINGTON \*\*\* DRAFT/OTHER LISTING \*\*\*  
 BANK: 1 FIRST STATE BANK SOUTHWES

VENDOR	I.D.	NAME	ITEM TYPE	PAID DATE	DISCOUNT	AMOUNT	ITEM NO#	ITEM AMOUNT
M00512		MEDSURETY LLC	D	2/05/2026			002807	534.00
M00512		MEDSURETY LLC	D	2/05/2026			002808	625.00
M00512		MEDSURETY LLC	D	2/05/2026			002809	361.50

\* \* B A N K T O T A L S \* \*

	NO#	DISCOUNTS	CHECK AMT	TOTAL APPLIED
REGULAR CHECKS:	0	0.00	0.00	0.00
HANDWRITTEN CHECKS:	0	0.00	0.00	0.00
PRE-WRITE CHECKS:	0	0.00	0.00	0.00
DRAFTS:	3	0.00	1,520.50	1,520.50
VOID CHECKS:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
CORRECTIONS:	0	0.00	0.00	0.00
BANK TOTALS:	3	0.00	1,520.50	1,520.50

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
ABBOTT, ROBINSON & ASSOCIATES	2/06/26	PLAN REVIEW	GENERAL FUND	ECONOMIC DEVELOPMENT	437.50
	2/06/26	PLAN REVIEW	GENERAL FUND	ECONOMIC DEVELOPMENT	<u>2,030.00</u>
				TOTAL:	2,467.50
ADRIAN POLICE DEPARTMENT	2/06/26	SAFE AND SOBER 20-60820-61	GENERAL FUND	POLICE ADMINISTRATION	<u>451.78</u>
				TOTAL:	451.78
ARNOLD MOTOR SUPPLY LLP	2/06/26	BATTERY FILTERS #430	GENERAL FUND	PAVED STREETS	25.59
	2/06/26	BATTERY FILTERS #430	GENERAL FUND	PAVED STREETS	232.00
	2/06/26	#407 LUBRICITY	GENERAL FUND	PAVED STREETS	15.19
	2/06/26	ANTI GEL	GENERAL FUND	PAVED STREETS	<u>18.26</u>
			TOTAL:	291.04	
ARROW LIFT ACCESSIBILITY	2/06/26	LIFT INSPECTION	RECREATION	FIELD HOUSE	<u>839.00</u>
				TOTAL:	839.00
ARTISAN BEER COMPANY	2/06/26	BEER	LIQUOR	NON-DEPARTMENTAL	<u>476.45</u>
				TOTAL:	476.45
ATLANTIC BOTTLING COMPANY	2/06/26	MIX	LIQUOR	NON-DEPARTMENTAL	382.00
	2/06/26	MIX	LIQUOR	NON-DEPARTMENTAL	<u>45.64</u>
				TOTAL:	336.36
BEVERAGE WHOLESALERS INC	2/06/26	BEER	LIQUOR	NON-DEPARTMENTAL	11,760.35
	2/06/26	BEER	LIQUOR	NON-DEPARTMENTAL	<u>2,837.30</u>
				TOTAL:	14,597.65
BILLION AUTOMOTIVE	2/06/26	GENERAL ENGINEERING SERVIC	GENERAL FUND	ECONOMIC DEVELOPMENT	4,490.00
	2/06/26	SQUAD #24-23 OIL CHANGE	GENERAL FUND	POLICE ADMINISTRATION	44.00
	2/06/26	SQUAD #24-23 OIL CHANGE	GENERAL FUND	POLICE ADMINISTRATION	209.95
	2/06/26	SQUAD #24-30 OIL FILTER BR	GENERAL FUND	POLICE ADMINISTRATION	1,009.96
	2/06/26	SQUAD #24-30 OIL FILTER BR	GENERAL FUND	POLICE ADMINISTRATION	490.56
	2/06/26	SQUAD #24-32 COIL IGINITIO	GENERAL FUND	POLICE ADMINISTRATION	403.14
	2/06/26	SQUAD #24-32 COIL IGINITIO	GENERAL FUND	POLICE ADMINISTRATION	165.85
	2/06/26	SQUAD #24-30 OIL CHANGE	GENERAL FUND	POLICE ADMINISTRATION	51.00
	2/06/26	SQUAD #24-30 OIL CHANGE	GENERAL FUND	POLICE ADMINISTRATION	<u>18.00</u>
				TOTAL:	6,698.46
BOLTON & MENK INC	2/06/26	AIRPORT INDUSTRIAL SWPPP	AIRPORT	PROJECT #12	<u>4,984.50</u>
				TOTAL:	4,984.50
BORDER STATES ELECTRIC SUPPLY	2/06/26	METER SEALS	ELECTRIC	O-DISTR METERS	<u>426.08</u>
				TOTAL:	426.08
BREAKTHRU BEVERAGE MINNESOTA BEER LLC	2/06/26	MIX	LIQUOR	NON-DEPARTMENTAL	90.00
	2/06/26	WINE	LIQUOR	NON-DEPARTMENTAL	436.00
	2/06/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	1,598.95
	2/06/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	227.30
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	5.60
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	7.40
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>19.90</u>
			TOTAL:	2,385.15	
C & B OPERATIONS LLC	2/06/26	#413 OIL AND FUEL FILTERS	STORM WATER MANAGE	STREET CLEANING	<u>152.81</u>
				TOTAL:	152.81

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
CAMPSPOT	2/06/26	ONLINE RESERVATIONS	RECREATION	OLSON PARK CAMPGROUND	<u>665.17</u>
				TOTAL:	665.17
CENTRAL SALT LLC	2/06/26	SALT	GENERAL FUND	ICE AND SNOW REMOVAL	<u>6,985.18</u>
				TOTAL:	6,985.18
CINTAS CORP	2/06/26	MATS	GENERAL FUND	GENERAL GOVT BUILDINGS	<u>53.45</u>
				TOTAL:	53.45
CITY LAUNDERING CO	2/06/26	MOPS AND MATS	LIQUOR	O-GEN MISC	<u>69.78</u>
				TOTAL:	69.78
COLUMN SOFTWARE PBC	2/06/26	ORD. #1220	GENERAL FUND	CLERK'S OFFICE	134.27
	2/06/26	ORDERLY ANNEXATION NOTICE	GENERAL FUND	ECONOMIC DEVELOPMENT	187.37
	2/06/26	AG LEASE OLSON TRUST	GENERAL FUND	WORTHINGTON ECON DEV	86.67
	2/06/26	GLENWOOD AG LAND	ECONOMIC DEV AUTHO	MISC HOUSING DEVELOPME	44.09
	2/06/26	GLENWOOD AG LAND	ELECTRIC	ACCTS-INFO & INSTR ADV	<u>44.09</u>
				TOTAL:	496.49
COTTONWOOD COUNTY SHERIFF OFFICE	2/06/26	SAFE AND SOBER 20-608/20-6	GENERAL FUND	POLICE ADMINISTRATION	<u>644.48</u>
				TOTAL:	644.48
CULLIGAN OF WORTHINGTON	2/06/26	MONTHLY SERVICE	GENERAL FUND	GENERAL GOVT BUILDINGS	66.95
	2/06/26	MONTHLY SERVICE	GENERAL FUND	PAVED STREETS	20.00
	2/06/26	MONTHLY SERVICE	RECREATION	ICE ARENA	550.00
	2/06/26	MONTHLY SERVICE	RECREATION	PARK AREAS	20.00
	2/06/26	MONTHLY SERVICE	MUNICIPAL WASTEWAT	O-SOURCE MAINS & LIFTS	20.00
	2/06/26	MONTHLY SERVICE	ELECTRIC	ACCTS-RECORDS & COLLEC	<u>60.39</u>
				TOTAL:	737.34
CUPERUS JILL	2/06/26	HDMI ADAPTER	GENERAL FUND	CENTER FOR ACTIVE LIVI	<u>23.47</u>
				TOTAL:	23.47
DACOTAH PAPER CO	2/06/26	BAGS, TOWELS, TISSUES PAPE	LIQUOR	O-GEN MISC	<u>924.62</u>
				TOTAL:	924.62
DCL AUTO PARTS INC	2/06/26	FUEL LINE	GENERAL FUND	PAVED STREETS	3.99
	2/06/26	HOSE #403	GENERAL FUND	PAVED STREETS	49.32
	2/06/26	FLEET GREASE FITTING	GENERAL FUND	PAVED STREETS	6.99
	2/06/26	#430 OIL AND FUEL FILTER	GENERAL FUND	PAVED STREETS	45.44
	2/06/26	#407 HYDR HOSE	GENERAL FUND	ICE AND SNOW REMOVAL	12.20
	2/06/26	AIR FILTER AERATION	GENERAL FUND	LAKE IMPROVEMENT	103.40
	2/06/26	BULB	RECREATION	PARK AREAS	9.49
	2/06/26	#504 CALIPER	RECREATION	PARK AREAS	82.99
	2/06/26	BRAKE FLUID FLEET	RECREATION	PARK AREAS	7.99
	2/06/26	MULE SWITCH	RECREATION	PARK AREAS	22.92
	2/06/26	OIL MULE	RECREATION	PARK AREAS	42.87
	2/06/26	BUCKET TRUCK HOSE FITTINGS	RECREATION	TREE REMOVAL	134.78
	2/06/26	#420 ZIP TIE CIRCUT	AIRPORT	O-GEN MISC	27.46
	2/06/26	#420 LAMP AND GREASE	AIRPORT	O-GEN MISC	<u>28.23</u>
				TOTAL:	578.07
DEPUTY REGISTER #33	2/06/26	REGISTRATION AND LICENSE	MUNICIPAL WASTEWAT	FA PURIFY EQUIPMENT	<u>2,622.13</u>
				TOTAL:	2,622.13
DODGE OF BURNSVILLE	2/06/26	NEW RAM 1500 #304	MUNICIPAL WASTEWAT	FA PURIFY EQUIPMENT	37,240.00

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
				TOTAL:	37,240.00
DOLL DISTRIBUTING LLC	2/06/26	BEER	LIQUOR	NON-DEPARTMENTAL	10,232.56
	2/06/26	BEER	LIQUOR	NON-DEPARTMENTAL	149.00
	2/06/26	BEER	LIQUOR	NON-DEPARTMENTAL	8,244.60
	2/06/26	BEER	LIQUOR	NON-DEPARTMENTAL	540.60
	2/06/26	BEER	LIQUOR	NON-DEPARTMENTAL	<u>216.55</u>
				TOTAL:	18,950.21
EARL F ANDERSEN INC- DIVISION OF SAFET	2/06/26	SIGNS	GENERAL FUND	SIGNS AND SIGNALS	<u>161.35</u>
				TOTAL:	161.35
ECHO GROUP INC	2/06/26	TIE WRAP	ELECTRIC	M-DISTR UNDERGRND LINE	9.09
	2/06/26	SECONDARY WIRE	ELECTRIC	FA DISTR UNDRGRND COND	<u>861.20</u>
				TOTAL:	870.29
EHRLERS COMPANIES	2/06/26	MN PUBLIC FINANCE SEMINAR	GENERAL FUND	ADMINISTRATION	<u>250.00</u>
				TOTAL:	250.00
FASTENAL COMPANY	2/06/26	BOLTS	RECREATION	PARK AREAS	20.70
	2/06/26	BOLTS	RECREATION	PARK AREAS	<u>27.64</u>
				TOTAL:	48.34
GALLS LLC	2/06/26	UNIFORMS	GENERAL FUND	POLICE ADMINISTRATION	<u>176.03</u>
				TOTAL:	176.03
GRANICUS LLC	2/06/26	OPEN CITIES LICENSE	GENERAL FUND	ADMINISTRATION	<u>11,576.25</u>
				TOTAL:	11,576.25
GLOBAL RESERVE LLC	2/06/26	THC	LIQUOR	NON-DEPARTMENTAL	<u>2,222.00</u>
				TOTAL:	2,222.00
HEARTLAND TIRE INC	2/06/26	AIRPORT FUEL TRUCK	AIRPORT	O-GEN MISC	648.50
	2/06/26	AIRPORT FUEL TRUCK	AIRPORT	O-GEN MISC	<u>80.00</u>
				TOTAL:	728.50
INDEPENDENT SCHOOL DISTRICT #518	2/06/26	BLUEPEAK 4TH QTR 2025 PMT	CABLE TELEVISION	CABLE	10,276.87
	2/06/26	BLUEPEAK 4TH QTR 2025 PMT	CABLE TELEVISION	CABLE	<u>990.78</u>
				TOTAL:	11,267.65
JACKSON COUNTY SHERIFFS OFFICE	2/06/26	SAFE AND SOBER 20-608/20-6	GENERAL FUND	POLICE ADMINISTRATION	<u>1,926.68</u>
				TOTAL:	1,926.68
JOHNSON BROTHERS LIQUOR CO	2/06/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	11,008.01
	2/06/26	WINE	LIQUOR	NON-DEPARTMENTAL	3,782.44
	2/06/26	MIX	LIQUOR	NON-DEPARTMENTAL	37.00
	2/06/26	THC	LIQUOR	NON-DEPARTMENTAL	171.90
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	119.50
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>124.33</u>
				TOTAL:	15,243.18
LAKEFIELD POLICE DEPARTMENT	2/06/26	SAFE AND SOBER 20-608/20-6	GENERAL FUND	POLICE ADMINISTRATION	<u>511.52</u>
				TOTAL:	511.52
LEAGUE OF MN CITIES	2/06/26	PEACE OFFICER TRAINING ONL	GENERAL FUND	POLICE ADMINISTRATION	<u>1,980.00</u>
				TOTAL:	1,980.00

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
LEWIS & CLARK REGIONAL WATER SYSTEM IN	2/06/26	CAPACITY CHARGE 59,024,000	WATER	O-SOURCE MISC	39,546.08
	2/06/26	WATER RATE	WATER	O-SOURCE MISC	<u>32,193.00</u>
				TOTAL:	71,739.08
LOWE'S SHEET METAL INC	2/06/26	HEATER SERVICE	RECREATION	ICE ARENA	<u>822.40</u>
				TOTAL:	822.40
MAGANA'S PERFORMANCE & REPAIR	2/06/26	FORD ESCAPE BRAKES	GENERAL FUND	ECONOMIC DEVELOPMENT	<u>1,599.49</u>
				TOTAL:	1,599.49
MARCO TECHNOLOGIES LLC	2/06/26	COPIER SERVICE	DATA PROCESSING	COPIER/FAX	<u>109.05</u>
				TOTAL:	109.05
MCEA/D7 ENGINEERS	2/06/26	MEETING FOR CILENGI AND BE	GENERAL FUND	ENGINEERING ADMIN	<u>80.00</u>
				TOTAL:	80.00
MEDIACOM	2/06/26	MONTHLY SERVICE	GENERAL FUND	PAVED STREETS	199.30
	2/06/26	MONTHLY SERVICE	RECREATION	PARK AREAS	<u>199.29</u>
				TOTAL:	398.59
MIDWESTERN MECHANICAL INC	2/06/26	FIRE SPRINKLER INSPECITON	GENERAL FUND	FIRE ADMINISTRATION	325.00
	2/06/26	FIRE SPRINKLER INSPECITON	GENERAL FUND	CENTER FOR ACTIVE LIVI	225.00
	2/06/26	FIRE SPRINKLER INSPECITON	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	245.00
	2/06/26	FIRE SPRINKLER INSPECITON	EVENT CENTER	EVENT CENTER	325.00
	2/06/26	MIDWESTERN MECHANICAL INC	RECREATION	FIELD HOUSE	385.00
	2/06/26	FIRE SPRINKLER INSPECITON	RECREATION	ICE ARENA	265.00
	2/06/26	FIRE SPRINKLER INSPECITON	RECREATION	THEATER	280.00
	2/06/26	FIRE SPRINKLER INSPECITON	RECREATION	PARK AREAS	370.00
	2/06/26	FIRE INSPECTION	ECONOMIC DEV AUTHO	TRAINING/TESTING CENTE	<u>425.00</u>
				TOTAL:	2,845.00
	MINNESOTA DEPARTMENT OF HEALTH	2/06/26	3RD AVE WATER & SANITARY R WATER		PROJECT #11
				TOTAL:	150.00
MINNESOTA ENERGY RESOURCES CORP	2/06/26	MONTHLY SERVICE	GENERAL FUND	PAVED STREETS	1,617.00
	2/06/26	MONTHLY SERVICE	GENERAL FUND	PAVED STREETS	178.93
	2/06/26	MONTHLY SERVICE	RECREATION	ICE ARENA	2,256.06
	2/06/26	MONTHLY SERVICE	RECREATION	AQUATIC CENTER FACILIT	128.63
	2/06/26	MONTHLY SERVICE	RECREATION	PARK AREAS	1,617.00
	2/06/26	MONTHLY SERVICE	RECREATION	OLSON PARK CAMPGROUND	295.25
	2/06/26	MONTHLY SERVICE	ECONOMIC DEV AUTHO	TRAINING/TESTING CENTE	2,437.31
	2/06/26	MONTHLY SERVICE	WATER	O-DISTR MISC	111.22
	2/06/26	MONTHLY SERVICE	WATER	O-DISTR MISC	18.50
	2/06/26	MONTHLY SERVICE	MUNICIPAL WASTEWAT	O-SOURCE MAINS & LIFTS	111.22
	2/06/26	MONTHLY SERVICE	MUNICIPAL WASTEWAT	O-PURIFY MISC	4,985.33
	2/06/26	MONTHLY SERVICE	ELECTRIC	O-DISTR MISC	222.42
	2/06/26	MONTHLY SERVICE	AIRPORT	O-GEN MISC	843.32
	2/06/26	MONTHLY SERVICE	AIRPORT	O-GEN MISC	<u>398.78</u>
				TOTAL:	15,220.97
MISSOURI RIVER ENERGY SERVICES	2/06/26	AMI METER COUNT FEE (JANUA WATER		ACCTS-METER READING	870.40
	2/06/26	AMI METER COUNT FEE (JANUA WATER		ACCTS-METER READING	50.00
	2/06/26	AMI METER COUNT FEE (JANUA ELECTRIC		ACCTS-METER READING	1,117.80
	2/06/26	AMI METER COUNT FEE (JANUA ELECTRIC		ACCTS-METER READING	<u>50.00</u>
			TOTAL:	2,088.20	

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
MOUNTAIN LAKE POLICE DEPARTMENT	2/06/26	SAFE AND SOBER 20-608/20-6	GENERAL FUND	POLICE ADMINISTRATION	990.80
				TOTAL:	990.80
MTI DISTRIBUTING INC	2/06/26	TORO MOWER	RECREATION	PARK AREAS	84,591.48
	2/06/26	TORO MOWER	RECREATION	PARK AREAS	84,591.48
				TOTAL:	169,182.96
NICOLE R KEMPEMA	2/06/26	JANUARY CLEANING	GENERAL FUND	GENERAL GOVT BUILDINGS	2,080.00
	2/06/26	CLEANING CRISIS CENTER	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	64.73
	2/06/26	CLEANING HAHA'S AND HOTDIS	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	172.60
	2/06/26	JANUARY CLEANING	ECONOMIC DEV AUTHO	TRAINING/TESTING CENTE	1,208.20
				TOTAL:	3,525.53
NOBLES COOPERATIVE ELECTRIC	2/06/26	745 STERLING DR 2545 SUTHE	ELECTRIC	CUSTOMER INSTALL EXPEN	4,000.00
				TOTAL:	4,000.00
NOBLES COUNTY AUDITOR/TREASURER	2/06/26	POSTAGE	GENERAL FUND	POLICE ADMINISTRATION	267.63
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	3,276.78
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	13,576.76
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	608.66
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	3,008.56
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	1,778.80
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	90.47
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	1,778.79
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	7,469.94
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	418.85
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	795.23
	2/06/26	4TH QTR LEC CHARGES	GENERAL FUND	SECURITY CENTER	3,209.32
	2/06/26	JANUARY 2026 LEGAL SERVICE	GENERAL FUND	PROSECUTION	32,580.75
	2/06/26	TIF DISTRICT ANNUAL MEETIN	OKABENA ESTATES	OKABENA ESTATES	150.00
	2/06/26	TIF DISTRICT ANNUAL MEETIN	CCSI REDEVELOPMENT	CCSI REDEVELOPMENT	150.00
	2/06/26	TIF DISTRICT ANNUAL MEETIN	NEWCASTLE TOWNHOME	SW MN HOUSING	150.00
	2/06/26	TIF DISTRICT ANNUAL MEETIN	HOTEL TIF #15	HOTEL	150.00
	2/06/26	TIF DISTRICT ANNUAL MEETIN	NORTHLAND MALL TIF	BUSINESS DEVELOPMENT	150.00
	2/06/26	TIF DISTRICT ANNUAL MEETIN	GRAND TERRACE APT	SW MN HOUSING	150.00
	2/06/26	TIF DISTRICT ANNUAL MEETIN	HOTEL THOMPSON TIF	MISC HOUSING DEVELOPME	150.00
	2/06/26	TIF DISTRICT ANNUAL MEETIN	CEMSTONE REDEVEL T	BUSINESS DEVELOPMENT	150.00
	2/06/26	MAY UTILITY OFFICE LEASE	WATER	O-DISTR RENTS	167.14
	2/06/26	MAY UTILITY OFFICE LEASE	WATER	ADMIN RENT	334.27
	2/06/26	MAY UTILITY OFFICE LEASE	MUNICIPAL WASTEWAT	O-PURIFY MISC	133.71
	2/06/26	MAY UTILITY OFFICE LEASE	MUNICIPAL WASTEWAT	ADMIN RENT	267.42
	2/06/26	MAY UTILITY OFFICE LEASE	ELECTRIC	O-DISTR RENTS	802.26
	2/06/26	MAY UTILITY OFFICE LEASE	ELECTRIC	ADMIN RENT	1,637.93
	2/06/26	JANUARY SOLID WASTE	WASTE MANAGEMENT C	SOLID WASTE/RECYCLE	8,937.06
				TOTAL:	82,340.33
NOBLES COUNTY PUBLIC WORKS	2/06/26	NOVEMBER FUEL	GENERAL FUND	ECONOMIC DEVELOPMENT	110.44
	2/06/26	NOVEMBER FUEL	GENERAL FUND	POLICE ADMINISTRATION	3,666.60
	2/06/26	NOVEMBER FUEL	GENERAL FUND	FIRE ADMINISTRATION	414.46
	2/06/26	NOVEMBER FUEL	GENERAL FUND	ANIMAL CONTROL ENFORCE	146.19
	2/06/26	NOVEMBER FUEL	GENERAL FUND	PAVED STREETS	1,809.12
	2/06/26	NOVEMBER FUEL	GENERAL FUND	ICE AND SNOW REMOVAL	971.14
	2/06/26	NOVEMBER FUEL	GENERAL FUND	CODE ENFORCEMENT	75.93
	2/06/26	NOVEMBER FUEL	RECREATION	BALLFIELD MAINTENANCE	76.82
	2/06/26	NOVEMBER FUEL	RECREATION	SOCCER COMPLEX	92.28
	2/06/26	NOVEMBER FUEL	RECREATION	PARK AREAS	1,269.47

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	2/06/26	NOVEMBER FUEL	WATER	O-PUMPING	107.77
	2/06/26	NOVEMBER FUEL	WATER	M-TRANS MAINS	446.38
	2/06/26	NOVEMBER FUEL	MUNICIPAL WASTEWAT	O-SOURCE MAINS & LIFTS	80.44
	2/06/26	NOVEMBER FUEL	MUNICIPAL WASTEWAT	O-PURIFY SUPERVISION	9.90
	2/06/26	NOVEMBER FUEL	MUNICIPAL WASTEWAT	O-PURIFY MISC	37.44
	2/06/26	NOVEMBER FUEL	MUNICIPAL WASTEWAT	O-PURIFY MISC	48.36
	2/06/26	NOVEMBER FUEL	MUNICIPAL WASTEWAT	O-PURIFY MISC	79.05
	2/06/26	NOVEMBER FUEL	ELECTRIC	O-DISTR UNDERGRND LINE	774.16
	2/06/26	NOVEMBER FUEL	STORM WATER MANAGE	STORM DRAINAGE	80.44
	2/06/26	NOVEMBER FUEL	STORM WATER MANAGE	STREET CLEANING	2,192.02
	2/06/26	NOVEMBER FUEL	AIRPORT	O-GEN MISC	<u>305.04</u>
				TOTAL:	12,793.45
NOBLES COUNTY RECORDER	2/06/26	RECORDINGS	GENERAL FUND	ECONOMIC DEVELOPMENT	<u>138.00</u>
				TOTAL:	138.00
NOBLES COUNTY SHERIFF	2/06/26	SAFE AND SOBER 20-608/20-6	GENERAL FUND	POLICE ADMINISTRATION	<u>857.89</u>
				TOTAL:	857.89
NUSS TRUCK & EQUIPMENT	2/06/26	#407 WIRE HARNESS	GENERAL FUND	PAVED STREETS	<u>432.07</u>
				TOTAL:	432.07
ONE OFFICE SOLUTION-WOCITY	2/06/26	BATTERY, TISSUE TAPE	GENERAL FUND	CLERK'S OFFICE	11.82
	2/06/26	CALCULATOR	GENERAL FUND	CLERK'S OFFICE	26.49
	2/06/26	FILES, SLEEVES, HOLDER	GENERAL FUND	CLERK'S OFFICE	12.95
	2/06/26	BINDER VIEW	GENERAL FUND	ENGINEERING ADMIN	7.09
	2/06/26	BINDER VIEW	GENERAL FUND	ECONOMIC DEVELOPMENT	21.27-
	2/06/26	BATTERY, TISSUE TAPE	GENERAL FUND	GENERAL GOVT BUILDINGS	31.06
	2/06/26	BATTERY, TISSUE TAPE	GENERAL FUND	GENERAL GOVT BUILDINGS	88.66
	2/06/26	PAID INVOICE 2X	GENERAL FUND	SECURITY CENTER	19.52
	2/06/26	PAID INVOICE 2X	GENERAL FUND	SECURITY CENTER	<u>58.56-</u>
				TOTAL:	117.76
ONE OFFICE SOLUTION-NCLAW	2/06/26	PENS	GENERAL FUND	SECURITY CENTER	13.91
	2/06/26	PENS	GENERAL FUND	SECURITY CENTER	13.91
	2/06/26	PAD AND HIGHLIGHTER	GENERAL FUND	SECURITY CENTER	6.97
	2/06/26	PAD AND HIGHLIGHTER	GENERAL FUND	SECURITY CENTER	<u>6.98</u>
				TOTAL:	41.77
ONE OFFICE SOLUTION-WOCITY	2/06/26	COPIER SERVICE	RECREATION	FIELD HOUSE	98.36
	2/06/26	PENS, DIVIDERS, CARDS	RECREATION	ICE ARENA	122.80
	2/06/26	OVER PAID	ELECTRIC	ACCTS-RECORDS & COLLEC	4.39
	2/06/26	COPIER SERVICE	LIQUOR	O-GEN MISC	213.84
	2/06/26	ENVELOPES	DATA PROCESSING	DATA PROCESSING	51.06
	2/06/26	COPIER SERVICE	DATA PROCESSING	COPIER/FAX	80.38
	2/06/26	OVER PAID	DATA PROCESSING	COPIER/FAX	<u>86.15-</u>
				TOTAL:	484.68
PAUSTIS WINE COMPANY	2/06/26	WINE	LIQUOR	NON-DEPARTMENTAL	650.00
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>10.50</u>
				TOTAL:	660.50
PEPSI COLA BOTTLING CO OF PIPESTONE, M	2/06/26	MIX	LIQUOR	NON-DEPARTMENTAL	<u>79.00</u>
				TOTAL:	79.00
PHILLIPS WINE & SPIRITS INC	2/06/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	5,523.14

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
	2/06/26	WINE	LIQUOR	NON-DEPARTMENTAL	931.68
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	129.17
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>40.00</u>
				TOTAL:	6,623.99
RADIO WORKS LLC	2/06/26	JANUARY ADS	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	212.50
	2/06/26	JANUARY ADS	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	212.50
	2/06/26	JANUARY ADS	LIQUOR	O-GEN MISC	<u>983.75</u>
				TOTAL:	1,408.75
RESICO	2/06/26	LOCKS	ELECTRIC	M-DISTR UNDERGRND LINE	544.83
	2/06/26	# POS TAP	ELECTRIC	FA DISTR ST LITE & SIG	<u>221.75</u>
				TOTAL:	766.58
ROCK COUNTY SHERIFFS OFFICE	2/06/26	SAFE AND SOBER 20-608/20-6	GENERAL FUND	POLICE ADMINISTRATION	<u>1,530.31</u>
				TOTAL:	1,530.31
ROUND LAKE VINEYARDS & WINERY LLC	2/06/26	WINE	LIQUOR	NON-DEPARTMENTAL	<u>300.00</u>
				TOTAL:	300.00
RUNNINGS SUPPLY INC-ACCT#9502440	2/06/26	BULK BOLT BIN	MUNICIPAL WASTEWAT	M-SOURCE MAINS & LIFTS	<u>34.30</u>
				TOTAL:	34.30
RUNNINGS SUPPLY INC-ACCT#9502485	2/06/26	BOOTS JORGE	GENERAL FUND	PAVED STREETS	219.95
	2/06/26	GLOVES	GENERAL FUND	PAVED STREETS	28.99
	2/06/26	GLOVES, SCREWDRIVER, NUTSE	GENERAL FUND	PAVED STREETS	82.46
	2/06/26	THERMOMETERS	RECREATION	ICE ARENA	<u>34.94</u>
				TOTAL:	366.34
SCHAAP SANITATION	2/06/26	MONTHLY SERVICE JANUARY 26	GARBAGE COLLECTION	SOLID WASTE/RECYCLE	86,342.29
	2/06/26	MONTHLY SERVICE JANUARY 26	GARBAGE COLLECTION	SOLID WASTE/RECYCLE	16,913.94
	2/06/26	MONTHLY SERVICE JANUARY 26	GARBAGE COLLECTION	SOLID WASTE/RECYCLE	5,428.71
	2/06/26	MONTHLY SERVICE JANUARY 26	GARBAGE COLLECTION	SOLID WASTE/RECYCLE	<u>303.10</u>
				TOTAL:	108,381.84
SCHWALBACH #4465	2/06/26	FASTENERS	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	8.19
	2/06/26	FASTENERS	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	65.84
	2/06/26	RULE TAPE	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	29.12
	2/06/26	MIRROR KIT	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	37.72
	2/06/26	FASTNERS	MEMORIAL AUDITORIUM	MEMORIAL AUDITORIUM	<u>23.50</u>
				TOTAL:	164.37
SCHWALBACH ACE 5930	2/06/26	CONNECTOR	GENERAL FUND	FIRE ADMINISTRATION	19.99
	2/06/26	TOLIET PAPER	GENERAL FUND	PAVED STREETS	19.99
	2/06/26	XMAS LIGHTS	GENERAL FUND	MISC SPECIAL DAYS/EVEN	275.88
	2/06/26	HANGER #4 DOOR HANDLE	AIRPORT	O-GEN MISC	<u>159.99</u>
				TOTAL:	475.85
SCHWALBACH ACE #6067	2/06/26	KEY TAGS	WATER	O-PURIFY MISC	5.12
	2/06/26	PAINT SUPPLIES TRAILER	ELECTRIC	M-DISTR UNDERGRND LINE	14.57
	2/06/26	PAINT SUPPLIES TRAILER	ELECTRIC	M-DISTR UNDERGRND LINE	37.76
	2/06/26	PAINT SUPPLIES TRAILER	ELECTRIC	M-DISTR UNDERGRND LINE	<u>79.97</u>
				TOTAL:	137.42
SHORT ELLIOTT HENDRICKSON INC	2/06/26	CENTENNIAL PARK LIFT STATI	STORM WATER MANAGE	PROJECT #18	<u>1,563.49</u>
				TOTAL:	1,563.49

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
SOUTHERN GLAZER'S WINE AND SPIRITS LL	2/06/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	9,267.11
	2/06/26	LIQUOR	LIQUOR	NON-DEPARTMENTAL	36.00
	2/06/26	WINE	LIQUOR	NON-DEPARTMENTAL	669.76
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	163.42
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	1.85
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>22.51</u>
				TOTAL:	10,160.65
SPECTRUM PAINT COMPANY, INC	2/06/26	PAINT AND SUPPLIES	GENERAL FUND	CLERK'S OFFICE	<u>61.49</u>
				TOTAL:	61.49
TRI-STATE RENTAL CENTER	2/06/26	LIFT AND INFLATABLES	RECREATION	FIELD HOUSE	595.00
	2/06/26	WORK PLATFORM	RECREATION	ICE ARENA	560.00
	2/06/26	LIFT RENTAL	RECREATION	ICE ARENA	150.00
	2/06/26	SNOKEL LIFT	RECREATION	ICE ARENA	150.00
	2/06/26	LINCOLN ROD	RECREATION	PARK AREAS	<u>50.00</u>
				TOTAL:	1,505.00
VERIZON WIRELESS	2/06/26	MONTHLY WIRELESS SERVICE	GENERAL FUND	ADMINISTRATION	45.47
	2/06/26	MONTHLY WIRELESS SERVICE	GENERAL FUND	ENGINEERING ADMIN	210.97
	2/06/26	MONTHLY WIRELESS SERVICE	GENERAL FUND	ECONOMIC DEVELOPMENT	136.41
	2/06/26	CELL PHONES WPD	GENERAL FUND	POLICE ADMINISTRATION	724.94
	2/06/26	AIR CARD WPD	GENERAL FUND	POLICE ADMINISTRATION	734.21
	2/06/26	CELL PHONES SHARED	GENERAL FUND	SECURITY CENTER	19.31
	2/06/26	CELL PHONES SHARED	GENERAL FUND	SECURITY CENTER	19.32
	2/06/26	CELL PHONES ANIMAL CONTROL	GENERAL FUND	ANIMAL CONTROL ENFORCE	38.63
	2/06/26	AIR CARD ANIMAL CONTROL	GENERAL FUND	ANIMAL CONTROL ENFORCE	35.01
	2/06/26	MONTHLY WIRELESS SERVICE	GENERAL FUND	PAVED STREETS	126.41
	2/06/26	CELL PHONES CSO	GENERAL FUND	CODE ENFORCEMENT	38.63
	2/06/26	AIR CARD CSO	GENERAL FUND	CODE ENFORCEMENT	35.01
	2/06/26	MONTHLY WIRELESS SERVICE	RECREATION	FIELD HOUSE	80.94
	2/06/26	MONTHLY WIRELESS SERVICE	RECREATION	PARK AREAS	80.94
	2/06/26	MONTHLY WIRELESS SERVICE	RECREATION	OLSON PARK CAMPGROUND	40.47
	2/06/26	MONTHLY WIRELESS SERVICE	DATA PROCESSING	DATA PROCESSING	<u>45.47</u>
			TOTAL:	2,412.14	
WAL MART BUSINESS/SYNCB	2/06/26	BLEACH AND VINEGAR	GENERAL FUND	CENTER FOR ACTIVE LIVI	11.38
	2/06/26	TV, SNACKS KLEENEX	GENERAL FUND	CENTER FOR ACTIVE LIVI	<u>370.21</u>
				TOTAL:	381.59
WINE MERCHANTS	2/06/26	WINE	LIQUOR	NON-DEPARTMENTAL	312.00
	2/06/26	FREIGHT	LIQUOR	O-SOURCE MISC	<u>6.00</u>
			TOTAL:	318.00	
YMCA	2/06/26	JAN 2026 CAL HOURS	GENERAL FUND	CENTER FOR ACTIVE LIVI	157.84
	2/06/26	JAN 2026 CONTRACT PAYMENT	RECREATION	RECREATION PROGRAMS	5,814.00
	2/06/26	JANUARY AQUATICS DIRECTOR	RECREATION	AQUATIC CENTER FACILIT	<u>3,462.40</u>
				TOTAL:	9,434.24

VENDOR SORT KEY	DATE	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
===== FUND TOTALS =====					
101		GENERAL FUND			124,794.03
202		MEMORIAL AUDITORIUM			1,071.70
214		EVENT CENTER			325.00
229		RECREATION			190,903.56
231		ECONOMIC DEV AUTHORITY			4,114.60
425		OKABENA ESTATES			150.00
426		CCSI REDEVELOPMENT			150.00
428		NEWCASTLE TOWNHOMES			150.00
433		HOTEL TIF #15			150.00
434		NORTHLAND MALL TIF #16			150.00
435		GRAND TERRACE APT TIF 17			150.00
436		HOTEL THOMPSON TIF #18			150.00
437		CEMSTONE REDEVEL TIF#19			150.00
601		WATER			73,999.88
602		MUNICIPAL WASTEWATER			45,669.30
604		ELECTRIC			10,908.69
606		STORM WATER MANAGEMENT			3,988.76
609		LIQUOR			74,545.13
612		AIRPORT			7,475.82
702		DATA PROCESSING			199.81
872		CABLE TELEVISION			11,267.65
873		GARBAGE COLLECTION			108,381.84
878		WASTE MANAGEMENT COLL			8,937.06
-----					
		GRAND TOTAL:			667,782.83
-----					