



Addendum 2
Solicitation # 26-99324
West Superior Street Reconstruction

NOTICE

This Addendum is issued to modify, explain, or correct the original drawings, specifications and/or previous addenda and is hereby made a part of the Contract Documents. Please attach this Addendum to the specification and note receipt of this Addendum on the Request for Bid.

GENERAL

1. Bidder questions are answered.
2. Special provisions are modified.
3. Descriptions of changes to drawings are for reference only and provide only a general overview of changes made. It is the Contractor's responsibility to fully assess and provide the specific requirements of the Work on all Plan sheets regardless of the description of sheet change(s) provided herein.
4. The following paragraph as been added to the special provisions

Telecommunications Certification. If federal funds are included in Exhibit A, by signing this Agreement, Contractor certifies that, consistent with Section 889 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. 115-232 (Aug. 13, 2018), Contractor does not and will not use any equipment, system, or service that uses "covered telecommunications equipment or services" (as that term is defined in Section 889 of the Act) as a substantial or essential component of any system or as critical technology as part of any system. **Contractor will include this certification as a flow down clause in any contract related to this Agreement.**

DRAWINGS

1. Drawing changes to the CONSTRUCTION DETAILS are as follows:
 - a. Sheet 79; Delete Sheet 79 in its entirety and replace with revised Sheet 79. Revisions to Sheet 79 are as follows:
 - i. Pipe sizes are clarified.

SPECIFICATIONS

1. SP-06, ELECTRONIC SUBMISSION OF PAYROLLS is hereby deleted in its entirety and replaced with special provision S-0, which is attached to this addendum.
2. SP-47, (2106) EXPLORATORY PIT is hereby revised as follows:
 - a. The second paragraph of SP-47.3 METHOD OF MEASUREMENT AND BASIS OF PAYMENT is replaced with the following:

- i. Payment will be made under item 2106.602 (EXPLORATORY PIT) at the Contract bid price EACH, which shall be payment in full for all labor, equipment, stockpiling material, segregating discrete area soil as required in SP-48 (2106) EXCAVATION SPECIAL AND HAUL AND DISPOSE OF CONTAMINATED MATERIAL, and disposal of regulated and unregulated soil as required in SP-48. Payment for disposal of discrete area soil will be made under item 2106.609 Haul and Dispose of Contaminated Material.
- 3. SP-48, (2106) EXCAVATION SPECIAL AND HAUL AND DISPOSE OF CONTAMINATED MATERIAL is hereby revised as follows:
 - a. The following paragraph is inserted into SP-48.4 METHOD OF MEASUREMENT:
 - i. The City will enter into a force account with the Contractor for any pretreatment determined by the City's Contaminated Materials Consultant that is required prior to the discharge of groundwater.
 - b. The following paragraph is inserted into SP-48.5 BASIS OF PAYMENT:
 - i. If contaminated groundwater is found, The City will enter into a force account with the Contractor for any pretreatment determined by the City's Contaminated Materials Consultant.
- 5. SP-56, (2411) CONTROL DENSITY HYDRAULIC FILL is hereby revised as follows:
 - a. The last sentence in paragraph of SP-56.4 CONSTRUCTION REQUIREMENTS is replaced with the following:
 - i. Control Density Hydraulic Fill shall be placed in maximum 1'-6" lifts up to top of vault with minimum 72 hours between placement of lifts.
 - b. SP-65, (2504) TEMPORARY WATER SERVICE SYSTEM is hereby deleted in its entirety and replaced with the attached SP-65.
- 6. SP-74, (2506) CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL is hereby deleted in its entirety and replaced with the following:
 - a. (2506) CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL

This work shall consist of the design and construction of a Design H concrete storm structure in accordance with the details on Sheet 78 of the Plans, City of Duluth Standard Construction Specifications, and in accordance with MnDOT 2411, 2451, 2506, 3236, the Plans, and the following:

MATERIALS

Drainage Structure Design Special shall consist of a Design H concrete drainage structure. Grate shall be 24"X24" square manufacturer supplied cast iron, rated for HS20 loading.

MEASUREMENT AND PAYMENT

Measurement will be made by the number of structures satisfactorily constructed, installed, and approved, complete in place, as specified. Payment will be made under Item 2506.602 (DRAINAGE STRUCTURE DESIGN SPECIAL) at the Contract bid price per each, which shall be compensation in full for all costs incidental thereto including but not limited to including all

connections, outlet pipes, frames, castings, excavation, disposing of excavated material, backfill, and bedding.

7. SF-5, CITY-FURNISHED MATERIALS is hereby deleted.
8. SF-19, (2550) PULL VAULT is hereby revised as follows:
 - a. Delete Paragraph SF-19.4
9. SS-2, (2565) TRAFFIC CONTROL SIGNALS is hereby revised as follows:
 - a. Replace Paragraph SS-2.1 DESCRIPTION with the following:

SS-2.1 DESCRIPTION

This Work consists of the following:

- (1) Providing and installing materials, structures, and electrical equipment to complete two (2) operating new interconnected coordinated full-traffic-actuated traffic control signal systems in accordance with MnDOT 2565 "Traffic Control Signals," the Plans and these Special Provisions. Provide traffic control signal systems as follows.

SYSTEM "A" - at the intersection of West Superior Street and 27th Avenue West in the City of Duluth, St. Louis, County, and

SYSTEM "C" - at the intersection of West Superior Street and Piedmont Avenue/Garfield Avenue in the City of Duluth, St. Louis County.

- (2) Removing items of the existing traffic control signal system; providing and installing materials and electrical equipment, to provide one (1) complete operating Revise Signal System "B" at the intersection of West Michigan Street and 27th Avenue West in the City of Duluth, St. Louis County.
- b. Delete Paragraph SS-2.4 L City Provided Materials
 - c. Replace Paragraph SS-2.4 M Contractor Provided Equipment for Traffic Control Signal Cabinets with the following:
 - i. Contractor provided equipment includes the traffic signal cabinet, actuated controller unit, signal control equipment, all required anchor rods, nuts, washers, and rubber gasketing for each cabinet, EVP phase selectors, APS central control units, and video image processors. Equipment shall be integrated into each traffic control cabinet by the Contractor.
 - d. Replace Paragraph SS-2.5 L Installation of City Provided Materials with the following:
 - i. Install the traffic control signal cabinets each complete with actuated controller unit and the required traffic control signal equipment.

Provide and install additional materials and equipment for a complete operating traffic control signal cabinet installation, including:

- (1) A cabinet concrete foundation using Contractor provided anchor rods, nuts, and washers.
- (2) Bonding and grounding materials and connections
- (3) Terminating field conductor connections in each traffic control signal cabinet as directed by the Engineer to make each traffic control signal system fully operational

e. Delete Paragraph SS-2.5 M Pick Up City Provided Materials

10. SS-3, (2565) EMERGENCY VEHICLE PREEMPTION (EVP) SYSTEMS is hereby revised as follows:

- a. The second paragraph of SS-3.2 A Contractor Provided Equipment is replaced with the following:
 - i. Phase selectors (or other EVP equipment to be installed in the traffic control signal cabinet) will be installed in the controller cabinets by the Contractor.
- b. The third paragraph of SS-3.2 A Contractor Provided Equipment is replaced with the following:
 - i. Contractor provided equipment for traffic control signal cabinets includes EVP phase selectors, APS central control units, and Video image processors. Equipment shall be integrated into the traffic control signal cabinets by the Contractor.

11. SS-4, (2565) TRAFFIC CONTROL INTERCONNECT is hereby revised as follows:

- a. The first paragraph of SS-4.2 (8) is replaced with the following:
 - i. Provide and install necessary miscellaneous equipment to make a complete and operating installation in accordance with the Plans and Special Provisions and include the following items in each new controller cabinet:

BIDDER QUESTIONS AND ANSWERS

1. SP-74 Construct Design Special – The specifications call out a Nyloplast storm structure with grate. Is there a detail for this structure as the specification calls out plan sheet 499 which is not the detail for this structure.

The Construct Design Special structures located in the storm BMP's are actually Design H concrete structures. The special is due to low height of the structure and the capped outlet pipe with a down facing invert. SP-74 has been revised and attached.

2. Plan sheet 78 (Storm BMP Details) plan view – Pavers and turf stone are called out as incidental to the design type special bid item. Is there a detail that shows what is required and a specification available for the pavers and turf stone.

Provide Belgard Turfstone Grid Paver or equivalent for the pavers and turf stone in this detail. The product can be placed directly on the Filter Topsoil Borrow. The voids should also be filled with the Filter Topsoil Borrow and planted with the seed mixture Seed Northern Boulevard.

3. Sheet 79 connect to existing roof drain calls out existing 4" PVC installed during construction on the connect to existing roof drain leader detail. Is the installation of the PVC pipe and connection to the proposed storm sewer incidental to the connection to existing roof drain lead. If so, what City of Duluth detail represents the required connection type to the proposed storm sewer.

Both details are included and will be used depending on the situation shown in the plans, see sheet 214 for an example using the connect to catch basin detail while the ones on the south side of the road on sheet 223 will connect to the pipe. The required pipe sewer is a separate pay item shown on Chart X on sheet 62 and is the only item required for the complete connection that is not included in payment of this item. The connection type is also listed on this chart. The detail on sheet 79 is updated to reference the pipe size in Chart X, which will govern the pipe size unless the existing pipe is a different size and the Engineer directs a different size. Connection to the proposed storm sewer is incidental to the connection to existing roof drain leader.

4. Plan sheet 218 – ST26-7, ST-26-9, and ST26-1 all show connection to existing storm sewer infrastructure (Sheet 237 calls out connect to existing structure). Are these connections to the brick arch pipe or existing storm piping. If they are connecting directly to the arch pipe is there a detail for the connection and or specific requirements to address any repairs necessary when tying into this structure such as are required for the steel casing that will be installed through the same structure.

ST 26-1 and ST 26-7 will require a connection to the brick arch pipe as the pipe diameter has increased from existing pipe size. ST 26-9 will connect to the existing pipe as the diameter is the same. Elevation of the existing pipe needs to be verified prior to connection. The Tunnel Penetration detail on sheet 88 of the plans applies to ST 26-1 and ST 26-7 except for the steel casing pipe.

5. SP-47 (SP-47.3) If the soils associated with the exploratory pit are determined to be contaminated and required to be hauled to a permitted industrial or solid waste landfill would this not be covered under excavation special or at a minimum paid for under the haul and dispose of contaminated material and not considered incidental to the pay item. If the purpose of this pay item is to determine contamination levels, how are we to determine if it will need to be landfilled or not.

SP-47 has been revised with this addendum to include payment for disposal if needed.

6. SP-48 Excavation and Disposal of Contaminated material – A.3 states that management of contaminated groundwater is not anticipated however SP 48.4 states no separate measurement will be made for multiple dewatering activities on the project as required including both contaminated and uncontaminated soils areas. It further states that groundwater sampling and testing is incidental to the lump sum dewatering pay item. SP-46 (Dewatering) does not state that contaminated ground water treatment systems are included in this pay item.

If contaminated ground water is encountered should this not be considered a change order and handled on a force account basis. If the design team cannot quantify a volume of water that will need to be treated or if there will be any contaminated water to treat, how do we price / bid this item. MnDOT District 1 has eliminated the Contaminated Ground Water Treatment System bid item. This differs

significantly from a Dewatering bid item due to the uncertainty in the levels and volumes of contaminated groundwater, as well as the treatment system that would be required to properly treat the varying contamination levels.

SP-48 has been revised with this addendum to include Force Account payment for treatment of any contaminated groundwater that is discovered.

7. Remove Box Culvert (5X7 Coffee Creek Tunnel) – Has this structure been infilled with concrete and are there specific requirements associated with the removal such as saw cutting the ends to remain, bulkheading the existing to remain, etc.

MnDOT provided records indicating the 5'x7' Tunnel was removed at each end and only a 53' long portion remains which is shown in our plans. Tunnel will be removed in its entirety and no saw cutting or bulk heading should be required.

8. The temp water phasing in the special provisions (SP-65) appears to reference phasing plans/shutdowns for the Superior St project from three years ago downtown.

SP-65 is deleted with this addendum and replaced with the attached version.

9. Plan detail shows vault fill at 18" lifts with minimum wait time between pours of 72 hours. Specials say 3' lifts once per calendar day. Safe to assume the special provisions take precedence over the drawings?

The detail on sheet 96 is correct. SP-56 has been updated in this addendum to be consistent with detail.

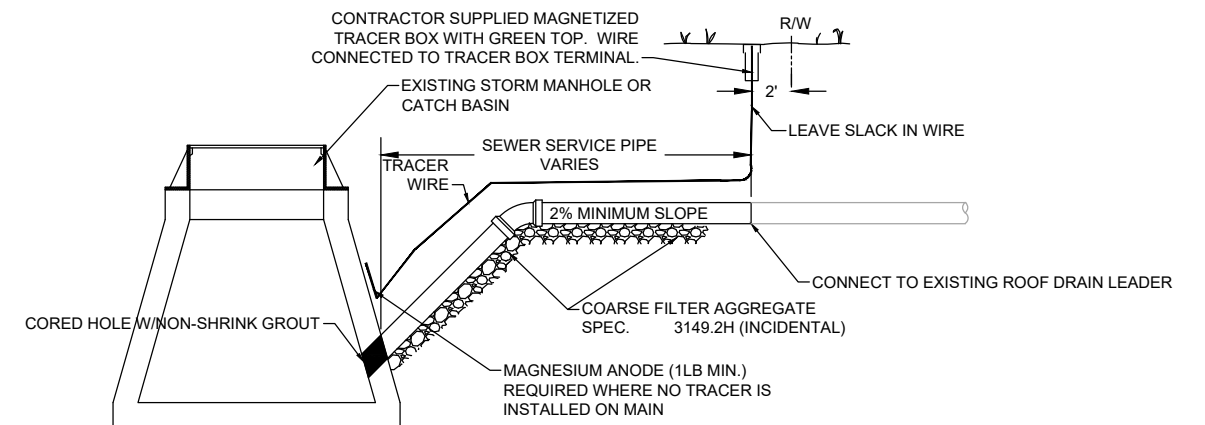
10. Looking for clarification on retaining wall excavation. Typically, this would be paid under a LS "Structure Ex" item, but page 453 of the plans has that specifically crossed out. It doesn't appear the earthwork charts account for it either.

The retaining wall excavation is included in the Lump Sum pay item for Remove Concrete Structure. The Special Provision includes all excavations required.

Please acknowledge receipt of this Addendum by checking the acknowledgement box within the solicitation at www.bidexpress.com.

Posted: March 18, 2026

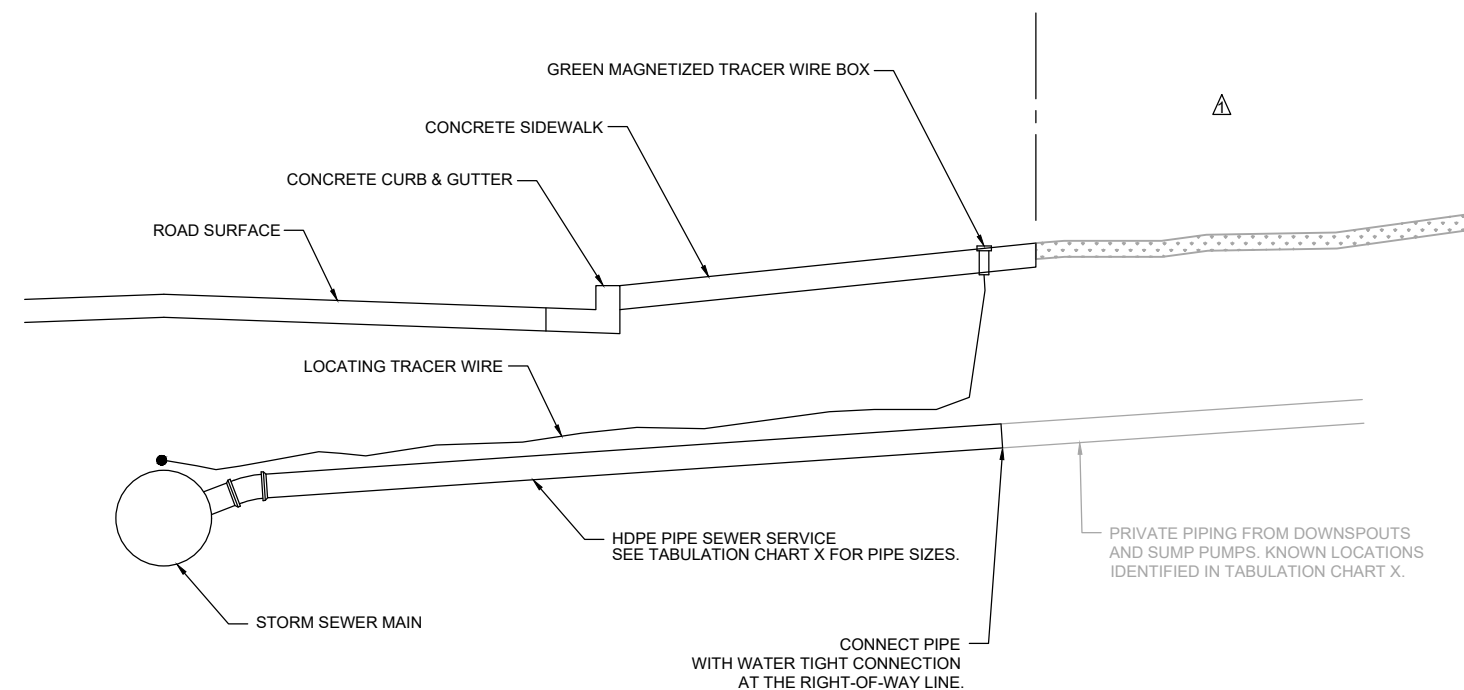
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NOTES

1. SEWER SERVICE PIPE IS INTENDED FOR THE RECONSTRUCTION OF SEWER SERVICES (WHEN FOUND TO BE IN NEED BY THE ENGINEER). CONNECT TO EXISTING ROOF DRAIN LEADER AT RIGHT OF WAY.
2. #12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED WITH SANITARY SEWER MAINS AND SERVICES. TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER SERVICE OR AS DETERMINED BY THE ENGINEER
3. FOR SERVICES, TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATE IN A FLUSH MOUNTED TRACER BOX WITH A GREEN CAST IRON LOCKABLE TOP.
4. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. SPLICES IN THE TRACER WIRE SHOULD BE MADE WITH SPLIT BOLT CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION.

CONNECT TO EXISTING ROOF DRAIN LEADER CONNECTION TO STORM CB OR MH



CONNECT TO EXISTING ROOF DRAIN LEADER CONNECTION TO STORM PIPE

SEH Project	DULUT 171078	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	JTB	1	ADDENDUM #2.	03/17/26	.		
Designed By	REK	.			.		
Checked By	DRH	.			.		

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.

Rose Kopecky
 ROSE KOPECKY, PE
 DATE 01-16-2026 LICENSE NO. 56628

WEST SUPERIOR STREET RECONSTRUCTION
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

CONSTRUCTION DETAILS

SP-1 **(2504) TEMPORARY WATER SERVICE SYSTEM**

This work shall consist of constructing a temporary water service system for the phased construction of the water main as described in the Plans and these special provisions to provide continuous water service (except for those interruptions specifically allowed by these Special Provisions) to buildings served by the water main to be replaced. All work shall be performed in accordance with these Special Provisions and the City of Duluth Standard Specifications for water work.

The existing water main to be replaced consists of 16-inch cast iron pipe installed during the 1880s. The water main system operates under pressures ranging between 110 psi to 135 psi. The Contractor will take appropriate precautions when working with or excavating around the pipe given the age of the system and operating pressures to avoid damage to the existing system to remain.

Dedicated water services for fire protection connected to the main do not need provisions for temporary water.

Provide a minimum 48 hours' notice to City of Duluth and affected buildings prior to any service interruption. All building service interruptions shall be scheduled with the building owner and no modifications to the schedule shall be permitted without notice to the Engineer and building owner. Several buildings have water shut down restrictions, and the City reserves the ability to schedule night time shutdowns as outlined in the water main procedures for the Contractor to connect or remove the temporary water system if deemed necessary.

SP-1.1 **CONTRACTOR REQUIREMENTS**

- A. The Contractor shall notify the Building Owner at least two weeks prior to the scheduled excavation of the temporary or permanent water service connection to coordinate and schedule the work.
- B. Contractor shall expose and field-verify the location and depth of all services prior to connection.
- C. If the Building Owner has elected to provide a new service connection point, the Contractor shall expose that service connection point. The Building Owner's Plumbing Contractor shall provide the new service connection point outside of the existing building foundation or vault wall. The Building Owner's Plumbing Contractor will have 24-hours to provide the new service connection point beginning at the moment when the existing building service and new service entry point(s) are fully excavated and exposed at the building foundation wall AND notification thereof has been provided to the Engineer and Building Owner.
- D. The Contractor will connect the water service to the new building service connection point.
- E. If the Building Owner's Plumbing Contractor fails to provide a new service connection point within the 24-hour window, the Contractor shall connect to the existing service and backfill.
- F. The coordination and work required to accommodate the service upsize shall be considered incidental except where specifically stated otherwise.

SP-1.2 **SHUTDOWN PROCEDURES**

The following general shutdown restrictions shall apply on the project for water services to the following building uses:

1. Office / Non-Retail—Shutdown shall not be permitted between 7 am and 5 pm Monday through Friday.

2. Bars—shutdowns shall not occur during operating hours. See Table 2504-B Summary of Operating Hours. Operating hours shall be confirmed prior to shutdown.
3. Restaurants— shutdowns shall not occur during operating hours and shall not be allowed (2) hours prior to opening and (1) after closing. Table 2504-B Summary of Operating Hours. Operating hours shall be confirmed prior to shutdown.
4. Hotels—shutdowns shall occur between Midnight and 5 AM. Includes Lincoln Park Boutique, Enger Lofts, Zenith Basecamp, Duluth Press Residential Suites, and Craft District Lofts. Notice and schedule shall be provided to hotels a minimum of 2 weeks in advance.
5. Except where the restrictions above shall govern, all service connection interruptions on the project shall be limited to a maximum of 8 hours to connect the main to the temporary water service system and a maximum of 8 hours to reconnect the existing service to the permanent water system.

Where the temporary main crosses walks or roadways subject to public traffic (vehicle or pedestrian) or construction traffic during construction the Contractor shall construct traffic rated crossings using pipe manifolds, ramps and other measures subject to the approval of the Engineer to maintain traffic and protect the temporary main without restricting the temporary service flows. Pedestrian crossings must be ADA compliant and protect pedestrians against edge drop-off. Where an ADA compliant crossing cannot be installed due to existing grades or conditions, a non-ADA compliant crossing shall be installed to remove any trip hazard for and the Contractor shall be responsible for identifying and signing an alternate accessible Temporary Pedestrian Access Route. Vehicle crossings must be signed to slow traffic and painted to ensure visibility and securely fastened to prevent movement. Where temporary mains are installed adjacent to walks or roadways subject to public traffic, the main shall be securely placed (anchored) at the perimeter of the walk or roadway to prevent movement and out of the path of traffic (vehicle or pedestrian). Provide supplemental markings, ribbon, temporary fence or signage as needed to warn pedestrians of potential trip hazards. All temporary crossing work described and required shall be considered included for payment under the Temporary Water Service System pay item.

The graphical depiction of the water main service layout in the Plans is schematic and primarily serves to show the connections between the temporary water service system feed points and building services. The Contractor is responsible for the actual routing and layout of the temporary water service system to maintain water service as specified and shall be located, adjusted and/or re-located as required to complete the work or to facilitate the Contractor's operations. Additional pipe, materials, testing and any other required work to provide the temporary water service system layout shall be considered incidental.

TABLE 2504-B SUMMARY OF OPERATING HOURS

RESTAURANT	BAR	HOURS	PHONE #	ADDRESS
Subway	Zenith Basecamp	MON-FRI 9am-7pm; SAT-SUN 11am-7pm	218.481.714 0 218.580.430 6	2707 W Superior St 2631 W Superior St
Tbonz Bar and Grill		SUN 11am-midnight; MON-SAT 11am-1am	218.727.958 2	2531 W Superior St
	Wild State Cider	MON-THU 2pm-10pm; FRI-SAT 11am-10pm; SUN 11am-8pm	218.606.115 1	2515 W Superior St
	Ursa Minor Brewing	SUN-THU 11am-10pm; FRI-SAT 11am-11pm	218.481.788 6	2415 W Superior St, Ste B
Oasis Del Norte		MON-SAT 11am-9pm; SUN 11am-8pm	218.464.082 4	2401 W Superior St
	Duluth Cider	MON-WED 4pm-10pm; THU 12pm-10pm; FRI-SAT 12pm-11pm; SUN 12pm-7pm	218.464.111 1	2307 W Superior St
	Bergey's	SUN-SAT 10am-1am	218.722.587 9	2232 W Superior St
Burger Paradox		MON-THU 4pm-11pm; FRI-SUN 11am-11pm	218.606.118 5	2113 W Superior St
Caddy Shack		MON-TUE 10am-9pm; WED-THU 10am-11pm; FRI-SAT 10am-12am; SUN 11am-5pm	218.624.776 8	2023 W Superior St
	Curly's Bar	MON-SAT 8am-2am; SUN 10am-2am	218.727.969 8	2013 W Superior St
Bali Asian Cuisine		TUE-SAT 12pm-9pm; SUN 12pm-8pm; MON: Closed	218.217.426 6	1931 W Superior St
The Spice & Tea Exchange		SUN-THU 11am-6pm; FRI-SAT 11am-8pm	218.514.405 0	1929 W Superior St
Dovetail Café & Marketplace		MON-TUE 8am-3pm; WED-SUN 8am-8pm	218.481.788 8	1917 W Superior St
OMC Smokehouse		SUN-THU 11am-9pm; FRI-SAT 11am-10pm	218.606.161 1	1909 W Superior St
	Duluth Tap Exchange	SUN 11am-8pm; MON: Closed TUE-THU 4pm-10pm, FRI 2pm-12am; SAT 11am-12am;	218.391.162 2	1905 W Superior St
Love Creamery		MON-THU 2pm-9pm; FRI-SUN 12pm-9pm	218.576.563 9	1908 W Superior St
Hungry Hippie Tacos		SUN 11am-7pm; TUE-THU 11am-7pm; FRI-SAT 11am-8pm	218.216.603 0	1801 W Superior St

SP-1.3

TEMPORARY WATER SERVICE PROCEDURE

The following procedure is a detailed sequence of steps that shall be incorporated to construct the replacement water main and provide the temporary water service system.

- A. Phase 1 – Temporary Water Service System on W Superior Street from N 18th Ave W to W Michigan St:
 - 1. Construct Phase 1 Temporary Water Service System per the details and Plans.
 - (i) At the SW corner of W Superior St and N 18th Ave W connect temporary water main segment to existing hydrant.
 - 2. Inject chlorine for disinfection.
 - 3. Flush and obtain disinfection sample for testing; submit passing test results to the Engineer prior to connecting services.
 - 4. Connect existing water services and water mains to the temporary water service system per details and Plans.

- B. Phase 1 – Construction of permanent water main on W Superior Street from N 18th Ave W to W Michigan St:
 - 1. After the temporary water main is in service, shut down the water main on W Superior Street between N 18th Street W and N 17th Street W by closing the existing butterfly valves on the SW corner of the W Superior St and N 18th St Intersection, on N 18th Ave, and on the intersection of W Superior St and N 17th Ave W, and cut existing 20" water main east of the butterfly valve on the SW corner of the W Superior St and N 18th St Intersection for abandonment of 20" water main from N 18th Ave W to W Michigan St.
 - (i) Water shut down shall not begin until 10 PM and shall not last longer than 8 hours without prior approval of the City and Engineer.
 - 2. Install caps on the east side of the butterfly valve on the SW corner of the W Superior St and N 18th St intersection and south of the butterfly valve on N 18th Street W and install temporary thrust blocks..
 - 3. Install 24" water main in the same trench as the existing 20" water main per Plans.
 - 4. Disinfect and pressure test the water main on W Superior Street from N 18th Ave W to W Michigan St.
 - 5. Flush and obtain disinfection sample for testing; submit passing test results to the Engineer prior to transferring water services and reconnecting water mains.
 - 6. Transfer water services from the temporary water service system and from the removed water main to the permanent water main.
 - 7. Reconnect all water mains to the permanent water main per details and Plans and
 - 8. Remove temporary water service system from existing hydrant on N 18th Ave W prior to removal of hydrant.
 - 9. Conclude Phase 1 water main construction as specified in the details and Plans.

- C. Phases 0, 2, and 3:
 - 1. During the construction of Phases 0, 2, and 3, the existing water main shall be used as the temporary water service system.
 - 2. Contractor shall ensure that during the installation of the proposed water main all properties have continuous access to water through the existing water main.

SP-1.4 METHOD OF MEASUREMENT

No separate measurement will be made for any of the individual items that constitute the temporary water service system including the temporary water service system for each phase of construction; temporary water main pipe; temporary water main service connections (including shutoffs, transition fittings, couplers, or joint restraint); hydrant connections; pedestrian or vehicle crossings; building owner coordination; water main and service disinfection or testing; removals; temporary water connection assemblies; or any other component described in these special provisions or as otherwise required to provide the complete temporary water system for the project.

SP-1.5 MEASUREMENT AND PAYMENT

No measurement will be made of the various items that constitute the Temporary Water Service System, but all such work shall be construed to be included in the lump sum payment under 2504.601 (TEMPORARY WATER SERVICE). Payment will be made under Item 2504.601 (TEMPORARY WATER SERVICE) at the Contract lump sum, which shall be compensation in full all labor, equipment, materials and other incidentals necessary to install, protect, maintain, and remove the temporary water service system.

Based on the lump sum Contract price for temporary water service satisfactorily installed, partial payments will be made as follows:

- A. When the work to construct the temporary water service system for Phase 1 is completed, 50 percent of the amount bid for Temporary Water Service shall be paid.
- B. When the permanent water main in Phase 1 has been placed in service, 100 percent of the amount bid for Temporary Water Service shall be paid.

S-0 ELECTRONIC SUBMISSION OF PAYROLLS AND STATEMENTS AND BIDDERS LISTS FOR FEDERALLY FUNDED PROJECTS

REVISED 08/08/22

Use on Projects that are federally funded and are administered by MnDOT.

SP2020-12

These provisions govern: (1) how the Contractor and all Subcontractors must submit all certified payroll reports; (2) how the Contractor must submit electronic Subcontractor data; (3) how the Contractor and Subcontractors will demonstrate compliance with payment requirements; and (4) how Apparent Low Bidders must submit the Bidder/Quoter List. The Contractor must submit electronic payrolls through the AASHTOWare Project Civil Rights and Labor (CRL) system. These provisions supersede the requirements for paper submissions in SPECIAL PROVISIONS DIVISION A – LABOR and FHWA-1273, Section IV, paragraphs 3(b)(1) and 3(b)(2). These provisions supersede the DBE Consolidated Good Faith Efforts Form Parts E, F, G, and H; and the Contractor Payment Form provided in the DBE Special Provisions.

The Department will not provide additional compensation to ensure compliance with these provisions.

The MnDOT Contractor (Vendor) Lookup search engine, available at <https://transport.dot.state.mn.us/reference/refvendor.aspx>, allows Contractors to search for vendors, Subcontractors, and suppliers to ensure that they are in the CRL system.

S-0.1 SYSTEM REQUIREMENTS

The Contractor must submit certified payroll reports (CPRs), Bidder/Quoter List, prompt payment information, and Subcontractor data electronically into CRL. The Department will provide access to CRL. To use CRL, the Contractor must have the following:

- A computer running Windows 7 or newer
- Internet Explorer 11 or Google Chrome
- Microsoft Excel 2007 or newer
- Internet access

The CRL website is located at: <http://www.dot.state.mn.us/const/labor/civil-rights-labor.html>. The Department will provide login identification (ID) to designated employees of the Contractor and approved Subcontractors entered into the system for the Contract. The Contractor and all Subcontractors must follow the “Vendor Login Access to MnDOT AASHTOWare” located on the website prior to working on the Project. The login ID and password are unique to each designated employee and must not be shared with others.

Manuals, eLearning tools, and other important information are available on the CRL website.

S-0.2 CERTIFIED PAYROLL & SUBCONTRACTOR DATA SUBMISSION

The Contractor and all Subcontractors, including multiple truck operators (MTOs), must use CRL to submit CPRs. The Contractor must ensure that all Subcontractors have submitted their Vendor Forms to the Department and have received their login IDs prior to working on the Project. The Contractor must submit Request to Sublet data electronically into CRL prior to Subcontractors performing Work on the Project. The Engineer may at any time require, upon written demand, paper Request to Sublet documents from the Contractor for any Subcontractor(s) working on the Project; MTOs would be submitted on the MTO Request to Sublet form, available at: <http://www.dot.state.mn.us/const/labor/documents/forms/mtosubletform.pdf>.

The Contractor must request from the Engineer the Contract number and Project ID(s) and provide the information to approved Subcontractors working on the Project, including MTOs subject to SPECIAL PROVISIONS DIVISION A – LABOR. The Contractor may use the Contract search engine located at: <http://transport.dot.state.mn.us/reference/refprojectid.aspx>. The Contractor must ensure all Subcontractors

and MTOs submit CPRs electronically into CRL. The Contractor must provide assistance to their Subcontractors and MTOs to enter CPR data accurately into the system.

There are four ways to submit certified payrolls electronically into the system:

- Manually add, copy, or modify data into CRL;
- Import payroll data with the CRL payroll spreadsheet XML converter tool available at: <https://xml.cloverleaf.net/spreadsheet/>;
- Convert payroll system program data to Payroll XML and import into CRL. Information on how to convert to Payroll SML may be found at: <https://xml.cloverleaf.net/resourcekit/>; or
- The Contractor may submit, on behalf of a Subcontractor and MTO, a payroll based on a signed, certified paper payroll through the Electronic Proxy Payroll Process.

Month-End Truck Report forms must be submitted directly to the Engineer and not through the electronic system.

The Engineer may at any time require, upon written demand, paper certified payroll reports from any Contractor(s) working on the Project.

S-0.3 BIDDER/QUOTER LIST REQUIREMENTS

The Apparent Low Bidder (ALB) is required to submit a Bidder/Quoter List electronically in CRL. The ALB must ensure that all Subcontractors and suppliers are listed in CRL by using the MnDOT Contractor (Vendor) Lookup search engine located at: <https://transport.dot.state.mn.us/reference/refvendor.aspx>. If a company is not listed or if any company information is incorrect, the ALB must ensure that the Subcontractor or supplier submit a Vendor Form, available at: <http://www.dot.state.mn.us/const/labor/documents/forms/contractorform.pdf>. The electronic list is completed by selecting the name of the firm from a prepopulated vendor list. The Contractor must enter the information below for each Subcontractor or supplier who provided a quote or bid to perform Work or supply Materials on the Project:

- Firm name (selected from drop-down list); and
- Bid items/scope of Work the firm will perform and total dollar amount of each bid item.

This requirement applies to all DBE and non-DBE Subcontractors and suppliers. The Bidder/Quoter List is due on the Submission Due Date specified in the DBE Special Provisions. The Contractor must submit the name of the company's authorized signatory. If you need additional assistance, please contact the Department's Office of Civil Rights.

S-0.4 PAYMENT

The Contractor shall enter all payments made to the first tier Subcontractor(s) into the Payment area of CRL for each estimate. The first tier Subcontractor will validate their payments received from the Contractor and must enter any payments made to lower tier Subcontractor(s). Lower tier Subcontractors must validate their payments received.

S-0.5 MINNESOTA GOVERNMENT DATA PRACTICES ACT

All CRL data are subject to the Minnesota Government Data Practices Act (MGDPA), Minnesota Statutes, Chapter 13. All users of CRL, including Bidders, Contractors, and Subcontractors, must establish security measures to prevent access to not public data or risk facing civil remedies under Minnesota Statutes, section 13.08, for the unauthorized access to or release of not public data.

S-0.6 APPROVAL OF PAYROLLS

"Approval" of payrolls within CRL does not indicate that the Department's Labor Compliance Unit has reviewed this data for accuracy or compliance with prevailing wage laws, nor does it indicate approval in

writing as discussed in the Standard Specifications. "Approval" of payrolls within CRL only indicates that specific payrolls have been received by the Department's District offices. The Department reserves the right under the Contract and SPECIAL PROVISIONS DIVISION A – LABOR to review payrolls to ensure compliance with State and Federal prevailing wage laws and other applicable labor laws.



CLIENT ATTENDANCE ROSTER

Re: W. Superior Street
Duluth, MN

Project Manager: Matt Bolf

Date of Meeting: Wednesday, March 18, 2026

Time of Meeting: 10:00 a.m.

Meeting Location: Duluth City Hall

SEH No.: DULUT 171078

Name	Firm	Phone	Email
Matt Bolf	SEH	218.279.3025	mbolf@sehinc.com
Rose Kopecky	SEH	218.249.1558	rkopecky@sehinc.com
Matt Henderson	SEH	218.279.3017	mhenderson@sehinc.com
Alex Popp	City of Duluth	218.730.5087	apopp@duluthmn.gov
Elena Foshay	City of Duluth	218.730.5421	efoshay@duluthmn.gov
Scott Kyrola	Ulland	218.451.6507	skyrola@ulland.com
Ben Gaard	Ulland	218.295.2830	bgaard@ulland.com
Heath Line	KGM	218.780.9267	heath@kgmcontractors.com
Mickale Endres	Braun Intertec	507.514.0514	mendres@braunintertec.com
Lee Jacobs	Northland Constructors	218.399.8310	lee.jacobs@northlandconstructors.us
Lance Lindahl	Northland Constructors	218.393.0712	lance.lindahl@northlandconstructors.us
Jon Carlson	Northland Constructors	218.625.3230	jon.carlson@northlandconstructors.us
Jack Dolter	Parsons	218.565.2928	jack.dolter@archkey.com
Tory George	Parsons	218.591.1621	tory.george@archkey.com

S-0 ELECTRONIC SUBMISSION OF PAYROLLS AND STATEMENTS AND BIDDERS LISTS FOR FEDERALLY FUNDED PROJECTS

REVISED 08/08/22

Use on Projects that are federally funded and are administered by MnDOT.

SP2020-12

These provisions govern: (1) how the Contractor and all Subcontractors must submit all certified payroll reports; (2) how the Contractor must submit electronic Subcontractor data; (3) how the Contractor and Subcontractors will demonstrate compliance with payment requirements; and (4) how Apparent Low Bidders must submit the Bidder/Quoter List. The Contractor must submit electronic payrolls through the AASHTOWare Project Civil Rights and Labor (CRL) system. These provisions supersede the requirements for paper submissions in SPECIAL PROVISIONS DIVISION A – LABOR and FHWA-1273, Section IV, paragraphs 3(b)(1) and 3(b)(2). These provisions supersede the DBE Consolidated Good Faith Efforts Form Parts E, F, G, and H; and the Contractor Payment Form provided in the DBE Special Provisions.

The Department will not provide additional compensation to ensure compliance with these provisions.

The MnDOT Contractor (Vendor) Lookup search engine, available at <https://transport.dot.state.mn.us/reference/refvendor.aspx>, allows Contractors to search for vendors, Subcontractors, and suppliers to ensure that they are in the CRL system.

S-0.1 SYSTEM REQUIREMENTS

The Contractor must submit certified payroll reports (CPRs), Bidder/Quoter List, prompt payment information, and Subcontractor data electronically into CRL. The Department will provide access to CRL. To use CRL, the Contractor must have the following:

- A computer running Windows 7 or newer
- Internet Explorer 11 or Google Chrome
- Microsoft Excel 2007 or newer
- Internet access

The CRL website is located at: <http://www.dot.state.mn.us/const/labor/civil-rights-labor.html>. The Department will provide login identification (ID) to designated employees of the Contractor and approved Subcontractors entered into the system for the Contract. The Contractor and all Subcontractors must follow the “Vendor Login Access to MnDOT AASHTOWare” located on the website prior to working on the Project. The login ID and password are unique to each designated employee and must not be shared with others.

Manuals, eLearning tools, and other important information are available on the CRL website.

S-0.2 CERTIFIED PAYROLL & SUBCONTRACTOR DATA SUBMISSION

The Contractor and all Subcontractors, including multiple truck operators (MTOs), must use CRL to submit CPRs. The Contractor must ensure that all Subcontractors have submitted their Vendor Forms to the Department and have received their login IDs prior to working on the Project. The Contractor must submit Request to Sublet data electronically into CRL prior to Subcontractors performing Work on the Project. The Engineer may at any time require, upon written demand, paper Request to Sublet documents from the Contractor for any Subcontractor(s) working on the Project; MTOs would be submitted on the MTO Request to Sublet form, available at: <http://www.dot.state.mn.us/const/labor/documents/forms/mtosubletform.pdf>.

The Contractor must request from the Engineer the Contract number and Project ID(s) and provide the information to approved Subcontractors working on the Project, including MTOs subject to SPECIAL PROVISIONS DIVISION A – LABOR. The Contractor may use the Contract search engine located at: <http://transport.dot.state.mn.us/reference/refprojectid.aspx>. The Contractor must ensure all Subcontractors

and MTOs submit CPRs electronically into CRL. The Contractor must provide assistance to their Subcontractors and MTOs to enter CPR data accurately into the system.

There are four ways to submit certified payrolls electronically into the system:

- Manually add, copy, or modify data into CRL;
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- Convert payroll system program data to Payroll XML and import into CRL. Information on how to convert to Payroll SML may be found at: <https://xml.cloverleaf.net/resourcekit/>; or
- The Contractor may submit, on behalf of a Subcontractor and MTO, a payroll based on a signed, certified paper payroll through the Electronic Proxy Payroll Process.

Month-End Truck Report forms must be submitted directly to the Engineer and not through the electronic system.

The Engineer may at any time require, upon written demand, paper certified payroll reports from any Contractor(s) working on the Project.

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- Firm name (selected from drop-down list); and
- Bid items/scope of Work the firm will perform and total dollar amount of each bid item.

This requirement applies to all DBE and non-DBE Subcontractors and suppliers. The Bidder/Quoter List is due on the Submission Due Date specified in the DBE Special Provisions. The Contractor must submit the name of the company's authorized signatory. If you need additional assistance, please contact the Department's Office of Civil Rights.

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The Contractor shall enter all payments made to the first tier Subcontractor(s) into the Payment area of CRL for each estimate. The first tier Subcontractor will validate their payments received from the Contractor and must enter any payments made to lower tier Subcontractor(s). Lower tier Subcontractors must validate their payments received.

S-0.5 MINNESOTA GOVERNMENT DATA PRACTICES ACT

All CRL data are subject to the Minnesota Government Data Practices Act (MGDPA), Minnesota Statutes, Chapter 13. All users of CRL, including Bidders, Contractors, and Subcontractors, must establish security measures to prevent access to not public data or risk facing civil remedies under Minnesota Statutes, section 13.08, for the unauthorized access to or release of not public data.

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writing as discussed in the Standard Specifications. "Approval" of payrolls within CRL only indicates that specific payrolls have been received by the Department's District offices. The Department reserves the right under the Contract and SPECIAL PROVISIONS DIVISION A – LABOR to review payrolls to ensure compliance with State and Federal prevailing wage laws and other applicable labor laws.

SP-65

(2504) TEMPORARY WATER SERVICE SYSTEM

This work shall consist of constructing a temporary water service system for the phased construction of the water main as described in the Plans and these special provisions to provide continuous water service (except for those interruptions specifically allowed by these Special Provisions) to buildings served by the water main to be replaced. All work shall be performed in accordance with these Special Provisions and the City of Duluth Standard Specifications for water work.

The existing water main to be replaced consists of 16-inch cast iron pipe installed during the 1880s. The water main system operates under pressures ranging between 110 psi to 135 psi. The Contractor will take appropriate precautions when working with or excavating around the pipe given the age of the system and operating pressures to avoid damage to the existing system to remain.

Dedicated water services for fire protection connected to the main do not need provisions for temporary water.

Provide a minimum 48 hours' notice to City of Duluth and affected buildings prior to any service interruption. All building service interruptions shall be scheduled with the building owner and no modifications to the schedule shall be permitted without notice to the Engineer and building owner. Several buildings have water shut down restrictions, and the City reserves the ability to schedule night time shutdowns as outlined in the water main procedures for the Contractor to connect or remove the temporary water system if deemed necessary.

SP-65.1

CONTRACTOR REQUIREMENTS

- A. The Contractor shall notify the Building Owner at least two weeks prior to the scheduled excavation of the temporary or permanent water service connection to coordinate and schedule the work.
- B. Contractor shall expose and field-verify the location and depth of all services prior to connection.
- C. If the Building Owner has elected to provide a new service connection point, the Contractor shall expose that service connection point. The Building Owner's Plumbing Contractor shall provide the new service connection point outside of the existing building foundation or vault wall. The Building Owner's Plumbing Contractor will have 24-hours to provide the new service connection point beginning at the moment when the existing building service and new service entry point(s) are fully excavated and exposed at the building foundation wall AND notification thereof has been provided to the Engineer and Building Owner.
- D. The Contractor will connect the water service to the new building service connection point.
- E. If the Building Owner's Plumbing Contractor fails to provide a new service connection point within the 24-hour window, the Contractor shall connect to the existing service and backfill.
- F. The coordination and work required to accommodate the service upsize shall be considered incidental except where specifically stated otherwise.

SP-65.2

SHUTDOWN PROCEDURES

The following general shutdown restrictions shall apply on the project for water services to the following building uses:

1. Office / Non-Retail—Shutdown shall not be permitted between 7 am and 5 pm Monday through Friday.

2. Bars—shutdowns shall not occur during operating hours. See Table 2504-B Summary of Operating Hours. Operating hours shall be confirmed prior to shutdown.
3. Restaurants— shutdowns shall not occur during operating hours and shall not be allowed (2) hours prior to opening and (1) after closing. Table 2504-B Summary of Operating Hours. Operating hours shall be confirmed prior to shutdown.
4. Hotels—shutdowns shall occur between Midnight and 5 AM. Includes Lincoln Park Boutique, Enger Lofts, Zenith Basecamp, Duluth Press Residential Suites, and Craft District Lofts. Notice and schedule shall be provided to hotels a minimum of 2 weeks in advance.
5. Except where the restrictions above shall govern, all service connection interruptions on the project shall be limited to a maximum of 8 hours to connect the main to the temporary water service system and a maximum of 8 hours to reconnect the existing service to the permanent water system.

Where the temporary main crosses walks or roadways subject to public traffic (vehicle or pedestrian) or construction traffic during construction the Contractor shall construct traffic rated crossings using pipe manifolds, ramps and other measures subject to the approval of the Engineer to maintain traffic and protect the temporary main without restricting the temporary service flows. Pedestrian crossings must be ADA compliant and protect pedestrians against edge drop-off. Where an ADA compliant crossing cannot be installed due to existing grades or conditions, a non-ADA compliant crossing shall be installed to remove any trip hazard for and the Contractor shall be responsible for identifying and signing an alternate accessible Temporary Pedestrian Access Route. Vehicle crossings must be signed to slow traffic and painted to ensure visibility and securely fastened to prevent movement. Where temporary mains are installed adjacent to walks or roadways subject to public traffic, the main shall be securely placed (anchored) at the perimeter of the walk or roadway to prevent movement and out of the path of traffic (vehicle or pedestrian). Provide supplemental markings, ribbon, temporary fence or signage as needed to warn pedestrians of potential trip hazards. All temporary crossing work described and required shall be considered included for payment under the Temporary Water Service System pay item.

The graphical depiction of the water main service layout in the Plans is schematic and primarily serves to show the connections between the temporary water service system feed points and building services. The Contractor is responsible for the actual routing and layout of the temporary water service system to maintain water service as specified and shall be located, adjusted and/or re-located as required to complete the work or to facilitate the Contractor's operations. Additional pipe, materials, testing and any other required work to provide the temporary water service system layout shall be considered incidental.

TABLE 2504-B SUMMARY OF OPERATING HOURS

RESTAURANT	BAR	HOURS	PHONE #	ADDRESS
Subway	Zenith Basecamp	MON-FRI 9am-7pm; SAT-SUN 11am-7pm	218.481.714 0 218.580.430 6	2707 W Superior St 2631 W Superior St
Tbonz Bar and Grill		SUN 11am-midnight; MON-SAT 11am-1am	218.727.958 2	2531 W Superior St
	Wild State Cider	MON-THU 2pm-10pm; FRI-SAT 11am-10pm; SUN 11am-8pm	218.606.115 1	2515 W Superior St
	Ursa Minor Brewing	SUN-THU 11am-10pm; FRI-SAT 11am-11pm	218.481.788 6	2415 W Superior St, Ste B
Oasis Del Norte		MON-SAT 11am-9pm; SUN 11am-8pm	218.464.082 4	2401 W Superior St
	Duluth Cider	MON-WED 4pm-10pm; THU 12pm-10pm; FRI-SAT 12pm-11pm; SUN 12pm-7pm	218.464.111 1	2307 W Superior St
	Bergey's	SUN-SAT 10am-1am	218.722.587 9	2232 W Superior St
Burger Paradox		MON-THU 4pm-11pm; FRI-SUN 11am-11pm	218.606.118 5	2113 W Superior St
Caddy Shack		MON-TUE 10am-9pm; WED-THU 10am-11pm; FRI-SAT 10am-12am; SUN 11am-5pm	218.624.776 8	2023 W Superior St
	Curly's Bar	MON-SAT 8am-2am; SUN 10am-2am	218.727.969 8	2013 W Superior St
Bali Asian Cuisine		TUE-SAT 12pm-9pm; SUN 12pm-8pm; MON: Closed	218.217.426 6	1931 W Superior St
The Spice & Tea Exchange		SUN-THU 11am-6pm; FRI-SAT 11am-8pm	218.514.405 0	1929 W Superior St
Dovetail Café & Marketplace		MON-TUE 8am-3pm; WED-SUN 8am-8pm	218.481.788 8	1917 W Superior St
OMC Smokehouse		SUN-THU 11am-9pm; FRI-SAT 11am-10pm	218.606.161 1	1909 W Superior St
	Duluth Tap Exchange	SUN 11am-8pm; MON: Closed TUE-THU 4pm-10pm, FRI 2pm-12am; SAT 11am-12am;	218.391.162 2	1905 W Superior St
Love Creamery		MON-THU 2pm-9pm; FRI-SUN 12pm-9pm	218.576.563 9	1908 W Superior St
Hungry Hippie Tacos		SUN 11am-7pm; TUE-THU 11am-7pm; FRI-SAT 11am-8pm	218.216.603 0	1801 W Superior St

SP-65.3

TEMPORARY WATER SERVICE PROCEDURE

The following procedure is a detailed sequence of steps that shall be incorporated to construct the replacement water main and provide the temporary water service system.

- A. Phase 1 – Temporary Water Service System on W Superior Street from N 18th Ave W to W Michigan St:
 1. Construct Phase 1 Temporary Water Service System per the details and Plans.
 - (i) At the SW corner of W Superior St and N 18th Ave W connect temporary water main segment to existing hydrant.
 2. Inject chlorine for disinfection.
 3. Flush and obtain disinfection sample for testing; submit passing test results to the Engineer prior to connecting services.
 4. Connect existing water services and water mains to the temporary water service system per details and Plans.

- B. Phase 1 – Construction of permanent water main on W Superior Street from N 18th Ave W to W Michigan St:
 1. After the temporary water main is in service, shut down the water main on W Superior Street between N 18th Street W and N 17th Street W by closing the existing butterfly valves on the SW corner of the W Superior St and N 18th St Intersection, on N 18th Ave, and on the intersection of W Superior St and N 17th Ave W, and cut existing 20" water main east of the butterfly valve on the SW corner of the W Superior St and N 18th St Intersection for abandonment of 20" water main from N 18th Ave W to W Michigan St.
 - (i) Water shut down shall not begin until 10 PM and shall not last longer than 8 hours without prior approval of the City and Engineer.
 2. Install caps on the east side of the butterfly valve on the SW corner of the W Superior St and N 18th St intersection and south of the butterfly valve on N 18th Street W and install temporary thrust blocks..
 3. Install 24" water main in the same trench as the existing 20" water main per Plans.
 4. Disinfect and pressure test the water main on W Superior Street from N 18th Ave W to W Michigan St.
 5. Flush and obtain disinfection sample for testing; submit passing test results to the Engineer prior to transferring water services and reconnecting water mains.
 6. Transfer water services from the temporary water service system and from the removed water main to the permanent water main.
 7. Reconnect all water mains to the permanent water main per details and Plans and
 8. Remove temporary water service system from existing hydrant on N 18th Ave W prior to removal of hydrant.
 9. Conclude Phase 1 water main construction as specified in the details and Plans.

- C. Phases 0, 2, and 3:
 1. During the construction of Phases 0, 2, and 3, the existing water main shall be used as the temporary water service system.
 2. Contractor shall ensure that during the installation of the proposed water main all properties have continuous access to water through the existing water main.

SP-65.4 METHOD OF MEASUREMENT

No separate measurement will be made for any of the individual items that constitute the temporary water service system including the temporary water service system for each phase of construction; temporary water main pipe; temporary water main service connections (including shutoffs, transition fittings, couplers, or joint restraint); hydrant connections; pedestrian or vehicle crossings; building owner coordination; water main and service disinfection or testing; removals; temporary water connection assemblies; or any other component described in these special provisions or as otherwise required to provide the complete temporary water system for the project.

SP-65.5 MEASUREMENT AND PAYMENT

No measurement will be made of the various items that constitute the Temporary Water Service System, but all such work shall be construed to be included in the lump sum payment under 2504.601 (TEMPORARY WATER SERVICE). Payment will be made under Item 2504.601 (TEMPORARY WATER SERVICE) at the Contract lump sum, which shall be compensation in full all labor, equipment, materials and other incidentals necessary to install, protect, maintain, and remove the temporary water service system.

Based on the lump sum Contract price for temporary water service satisfactorily installed, partial payments will be made as follows:

- A. When the work to construct the temporary water service system for Phase 1 is completed, 50 percent of the amount bid for Temporary Water Service shall be paid.
- B. When the permanent water main in Phase 1 has been placed in service, 100 percent of the amount bid for Temporary Water Service shall be paid.

STATEMENT OF ESTIMATED QUANTITIES

NO.	NOTE	TAB	SHEET NO.	ITEM NO.	ITEM DESCRIPTION	UNIT	S.P. 118-109-021					NON-PARTICIPATING (CITY)	COMBINED PROJECT TOTAL
							PARTICIPATING (ROADWAY)	PARTICIPATING (STORM)	PARTICIPATING (GREEN INFRASTRUCTURE)	PARTICIPATING (LANDSCAPING)	PARTICIPATING (CITY)		
							ESTIMATED QUANTITIES	ESTIMATED QUANTITIES	ESTIMATED QUANTITIES	ESTIMATED QUANTITIES	ESTIMATED QUANTITIES		
1				2021.501	MOBILIZATION	LUMP SUM	0.61	0.08	0.01	0.07	0.21	0.02	1
2				2011.601	AS BUILT	LUMP SUM	0.61	0.08	0.01	0.07	0.21	0.02	1
3				2016.601	PUBLIC INFORMATION MANAGEMENT	LUMP SUM	0.61	0.08	0.01	0.07	0.21	0.02	1
4				2031.601	FIELD OFFICE	LUMP SUM	0.61	0.08	0.01	0.07	0.21	0.02	1
5				2041.610	TRAINEES	HOUR	3200						3200
6	2	A	14,15	2101.502	CLEARING	TREE	37						37
7	2	A	14,15	2101.502	GRUBBING	TREE	37						37
8		ST-B,TC	308,611	2102.503	PAVEMENT MARKING REMOVAL	LIN FT	600						600
9		ST-A	308	2102.518	PAVEMENT MARKING REMOVAL	SQ FT	192						192
10		SN-A	332-341	2104.502	REMOVE SIGN	EACH	128						128
11		SN-A	332-341	2104.502	REMOVE SIGN PANEL	EACH	51						51
12		SN-A	332-341	2104.502	REMOVE DELINEATOR/MARKER	EACH	2						2
13		SN-A	332-341	2104.502	SALVAGE SIGN	EACH	27						27
14		A	14,15	2104.502	REMOVE TREE GRATE AND CASTING	EACH	73						73
15		A	14,15	2104.502	REMOVE BOLLARDS (BIKE RACK)	EACH	7						7
16		E1	481	2104.502	REMOVE HANDHOLE	EACH	21						21
17		E1	481	2104.502	REMOVE LIGHT FOUNDATION	EACH	74						74
18	10	E1	481	2104.502	REMOVE SERVICE CABINET	EACH	2						2
19		E1	481	2104.502	REMOVE EQUIPMENT PAD	EACH	2						2
20		E1	481	2104.502	REMOVE POLE MOUNTED CABINET	EACH	2						2
21		E1	481	2104.502	REMOVE LIGHT STANDARD	EACH	3						3
22	12	E1	481	2104.502	SALVAGE LUMINAIRE	EACH					3		3
23	11	E1	481	2104.502	REMOVE LIGHTING UNIT	EACH	63						63
24	12	E1	481	2104.502	SALVAGE LIGHTING UNIT	EACH	1				7		8
25	1	L	40	2104.502	REMOVE HYDRANT	EACH				14			14
26		R, S	47-50	2104.502	REMOVE CURB STOP AND BOX	EACH				123			123
27		L, S	40,49,50	2104.502	REMOVE GATE VALVE AND BOX	EACH				44			44
28		K	36-39	2104.502	REMOVE MANHOLE	EACH	50						50
29	13	K	36-39	2104.502	REMOVE CATCH BASIN	EACH	93						93
30		SS	497	2104.502	REMOVE SIGNAL SYSTEM A	EACH	1						1
31		SS	497	2104.502	REMOVE SIGNAL SYSTEM C	EACH	1						1
32		H	33	2104.502	SALVAGE VEHICULAR GATE	EACH	2						2
33			176	2104.502	REMOVE MISCELLANEOUS STRUCTURES	EACH	1						1
34			174	2104.502	SALVAGE HISTORIC MARKER	EACH	1						1
35	14		164,166	2104.502	REMOVE CONCRETE STEPS	EACH	1						1
36	8			2104.502	REMOVE UNDERGROUND TANK	EACH	1						1
37		E1	481	2104.503	REMOVE UNDERGROUND WIRE	LIN FT	6400						6400
38		H	33	2104.503	SALVAGE FENCE	LIN FT	634						634
39		H	33	2104.503	REMOVE FENCE	LIN FT	65						65
40	17		166	2104.503	REMOVE RETAINING WALL	LIN FT	67						67
41	7	B	16-24	2104.503	REMOVE STREETCAR TRACKS	LIN FT	613						613
42	15	B	16-24	2104.503	REMOVE CURB AND GUTTER	(P) LIN FT	21118						21118
43	4	B	16-24	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	1732						1732
44	4	B	16-24	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	282						282
45		R, S	47-50	2104.503	REMOVE WATER SERVICE PIPE	LIN FT				5317			5317
46		Z	63	2104.503	REMOVE SANITARY SERVICE PIPE	LIN FT				428			428
47		K	36-39	2104.503	REMOVE SEWER PIPE (STORM)	(P) LIN FT	9935						9935
48	6		172	2104.503	REMOVE BOX CULVERT	LIN FT	53						53
49			88	2104.503	REMOVE STEEL WATER MAIN	LIN FT				20			20
50	9	A3	64	2104.503	REMOVE GAS MAIN	LIN FT				2280			2280
51	5	L	40	2104.503	REMOVE WATER MAIN	LIN FT				10521			10521
52	16	B	16-24	2104.504	REMOVE CONCRETE PAVEMENT	(P) SQ YD	2692						2692
53	16	B	16-24	2104.504	REMOVE PAVEMENT	(P) SQ YD	58129						58129
54	3,15	B	16-24	2104.518	REMOVE SIDEWALK	SQ FT	129779						129779
55		B	16-24	2104.518	REMOVE BRICK SIDEWALK	SQ FT	3956						3956
56		B	16-24	2104.518	REMOVE BITUMINOUS WALK	SQ FT	30381						30381
57		B	16-24	2104.518	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	(P) SQ FT	8319						8319
58		B	16-24	2104.518	REMOVE CONCRETE DRIVEWAY PAVEMENT	(P) SQ FT	34735						34735

NOTES:

- 1 INCLUDES REMOVAL OF HYDRANT, HYDRANT BASE, HYDRANT VALVE, PIPE LEAD, AND TEE
- 2 FOR TREES GREATER THAN 3" IN DIAMETER.
- 3 INCLUDES REMOVAL OF TRUNCATED DOMES.
- 4 PAYMENT FOR SAWING PAVEMENT (FULL DEPTH) SHALL ONLY BE MADE FOR SAWCUTTING AT THE LIMITS OF CONSTRUCTION (STREET/AVENUE TIE-INS AND PHASE BREAKS). ALL OTHER SAWCUTTING ON THE PROJECT NECESSARY TO COMPLETE THE WORK INCLUDING BUT NOT LIMITED TO PAVEMENT, CURB, WALK REMOVALS, STRUCTURE REMOVALS, REMOVAL OF TEMPORARY PAVING, OR OTHER MISCELLANEOUS REMOVALS SHALL BE CONSIDER INCIDENTAL.
- 5 WATER MAIN CAN BE ABANDONED IN NON-ROCK TRENCH AREAS OR UTILITY CONFLICT AREAS. WHERE WATER MAIN IS ABANDONED, GATE VALVE TO REMAIN, BOX TO BE REMOVED.
- 6 5'x7" COFFEE CREEK TUNNEL.
- 7 BALLAST MATERIAL, TIMBER TIES, AND UNDERDRAIN SHALL BE INCIDENTAL.
- 8 INCLUDES THE REMOVAL OF AN UNIDENTIFIED TANK WITH AN UNKNOWN LOCATION.
- 9 WHERE ABANDONED GAS IS REMOVED, GAS MAIN THAT REMAINS AT THE LIMITS OF THE PROJECT SHALL BE JUMPED TO ADJACENT CATCH BASINS OR MANHOLES (INCIDENTAL).
- 10 COORDINATE POWER DISCONNECTION WITH MINNESOTA POWER.
- 11 COORDINATE POWER DISCONNECTION WITH CITY OF DULUTH. INCLUDES REMOVAL OF POLE, LIGHTING UNIT, WIRING, AND WIRING & CONDUIT BETWEEN POLES.
- 12 COORDINATE WITH CITY OF DULUTH FOR PLACEMENT LOCATION. CITY OF DULUTH TO PICK UP.
- 13 INCLUDES CASTING.
- 14 INCLUDES CONCRETE REGARDLESS OF NUMBER OF STEPS, REINFORCEMENT, RAILINGS, ETC.
- 15 INCLUDES SAWING CONCRETE (FULL DEPTH) AT NEAREST JOINT.
- 16 SEE GEOTECH REPORT FOR APPROXIMATE THICKNESS.
- 17 BLOCK RETAINING WALL APPROXIMATELY 2.5' TALL.

(P) = PLANNED QUANTITY

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SEH Project	DULUTH 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB	Rev.#	-	Revision Issue Description	-	Date	-
Designed By	REK	Rev.#	-	Revision Issue Description	-	Date	-
Checked By	DRH	Rev.#	-	Revision Issue Description	-	Date	-



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Rose Kopecky
 ROSE KOPECKY, PE
 DATE: 01-16-2026 LICENSE NO. 56628

**WEST SUPERIOR STREET
RECONSTRUCTION**

DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

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(1)		B - REMOVALS & SAWCUTS											
STATION TO STATION	LOCATION	SPEC. 2104 REMOVE CURB AND GUTTER	SPEC. 2104 SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SPEC. 2104 SAWING CONCRETE PAVEMENT (FULL DEPTH)	SPEC. 2104 REMOVE SIDEWALK	SPEC. 2104 REMOVE BRICK SIDEWALK	SPEC. 2104 REMOVE BITUMINOUS WALK	SPEC. 2104 REMOVE CONCRETE PAVEMENT	SPEC. 2104 REMOVE PAVEMENT	SPEC. 2232 MILL BITUMINOUS SURFACE (2.0")	SPEC. 2104 REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SPEC. 2104 REMOVE CONCRETE DRIVEWAY PAVEMENT	SPEC. 2104 REMOVE STREETCAR TRACKS
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	LIN FT
PHASE 0													
W SUPERIOR ST													
32+77.2	28' LT - 21' RT		49										
32+77.2 - 33+38.5	LT	66											
32+77.2 - 33+37.8	LT				366						145		
32+77.2 - 33+35.8	RT	66											
32+77.2 - 33+19.6	RT						411						
33+10.8 - 33+17.3	RT				21								
33+19.4 - 33+35.0	RT				153								
33+88.2 - 34+36.0	LT	63											
33+89.2 - 34+36.0	LT				456								
33+90.1 - 34+39.5	RT	57											
33+91.8 - 34+07.8	RT				172								
34+07.9 - 34+20.1	RT						110						
34+19.4 - 34+46.8	RT										67	332	
34+39.5	40' LT - 21' RT		61										
32+77.2 - 34+39.5	LT - RT							924					
96+06.0	22' LT - 30' RT		53										
96+06.0 - 97+31.9	LT	189											
96+06.0 - 96+69.1	RT	89											
96+06.0 - 97+24.2	LT				799								
96+06.0 - 96+61.9	RT				520								
96+06.0 - 97+16.6	LT - RT							734					
97+15.2 - 97+61.2	ISLAND	119											
27TH AVE W													
271+94.6	22' LT - 22' RT			44									
271+94.6 - 272+59.8	RT	66											
271+94.6 - 272+59.9	LT	66											
271+94.6 - 272+59.8	RT				332						343		
271+94.6 - 272+59.9	LT				279								
271+94.6 - 272+73.8	LT - RT							396					
273+23.5 - 274+00.0	LT - RT							454					
273+39.8 - 274+00.0	RT	60											
273+39.8 - 274+00.0	RT				328								
273+39.9 - 274+00.0	LT	60											
273+39.9 - 274+00.0	LT				326								
274+00.0	26' LT - 24' RT			50									
274+66.3 - 274+87.6	29.7' RT				106								
MICHIGAN ST													
110+31.1 - 111+44.9	LT				630								
110+31.4 - 116+28.3	LT - RT								3227				
110+31.4 - 110+31.5	8' RT - 26' LT		34										
110+31.5-111+52.7	LT	125											
110+31.3 - 111+65.5	RT						1344						
110+31.4 - 116+28.4	RT	597											
111+15.7 - 111+26.0	RT				55								
111+62.3 - 111+83.7	RT											255	
111+81.0 - 112+56.0	RT						805						
1125+56.0 - 112+98.9	RT											422	
112+84.9 - 113+61.3	ISLAND	201			1400								
112+86.8 - 116+28.4	LT				2003								
112+98.6 - 114+64.8	RT						1649						
113+08.5 - 116+28.4	LT	326											
113+37.9 - 115+89.5	RT	251											
114+64.6 - 116+28.5	RT										544		
114+64.9 - 115+07.2	RT											421	
115+07.2 - 115+84.7	RT						772						
115+84.7 - 116+23.1	RT											464	
116+28.3	26' LT - 11' RT		37										
PHASE 0 TOTALS		2401	234	94	7946		5091	850	4885		1099	1894	
TABLE TOTALS		2401	234	94	7946		5091	850	4885		1099	1894	

(1) PARTICIPATING (ROADWAY)

SEH Project	DULUT 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB						
Designed By	REK						
Checked By	DRH						

Rev.#		Revision Issue Description		Date	




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Rose Kopecky
 ROSE KOPECKY, PE
 DATE: 01-16-2026 LICENSE NO. 56628

**WEST SUPERIOR STREET
 RECONSTRUCTION**
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

TABULATIONS

B - REMOVALS & SAWCUTS (CONTINUED)

(1)		SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2232	SPEC. 2104	SPEC. 2104	SPEC. 2104
STATION TO STATION	LOCATION	REMOVE CURB AND GUTTER	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SAWING CONCRETE PAVEMENT (FULL DEPTH)	REMOVE SIDEWALK	REMOVE BRICK SIDEWALK	REMOVE BITUMINOUS WALK	REMOVE CONCRETE PAVEMENT	REMOVE PAVEMENT 	MILL BITUMINOUS SURFACE (2.0")	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE STREETCAR TRACKS	
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	LIN FT	
PHASE 1														
W SUPERIOR ST														
75+06.2	29' LT - 28' RT		56											
75+06.2 - 96+06.0	LT - RT								14618					
75+06.2 - 75+39.9	RT	40												
75+06.2 - 75+39.0	RT				296	42								
75+06.3 - 75+45.6	LT				324	66								
75+20.5 - 75+46.7	LT	32												
75+81.3 - 79+65.9	LT	392												
75+82.3 - 79+65.4	LT				2985	776								
75+86.3 - 77+01.0	RT	121												
75+87.1 - 77+01.0	RT				1056	228								
77+00.4 - 77+18.5	RT												203	
77+18.4 - 78+16.3	RT				897	203								
77+20.3 - 79.96.4	RT	276												
78+14.8 - 78+39.1	RT												263	
78+36.0 - 80+00.2	RT				1570	295								
79+64.6 - 79+76.6	LT												131	
79+76.6 - 80+12.5	LT				335	23								
79+86.6 - 79+93.6	LT	7												
79+91.3 - 80+63.0	RT										654			
80+10.0 - 80+12.9	LT	8												
80+12.9 - 80+47.3	40' LT		51											
80+47.3 - 80+60.7	LT				986	223								
80+51.8 - 81+58.3	LT	107												
80+53.6 - 80+38.8	RT				737	158								
80+53.7	37.7' RT	3												
80+61.3 - 82+62.1	RT	201												
81+36.7 - 81+53.5	RT												156	
81+49.5 - 82+63.4	RT				1170	120								
81+58.9 - 81+82.6	LT												265	
81+81.8 - 82+97.0	LT				1090	189								
82+08.8 - 82+97.7	LT	95												
82+63.4 - 83+13.6	RT												317	
83+13.5 - 83+55.9	RT				468									
83+13.9 - 83+57.3	RT	49												
83+84.2 - 84+81.4	LT	113												
83+88.7 - 84+80.6	LT				892									
84+16.8 - 96+06.0	RT	1181												
84+17.9 - 89+57.9	RT				3373									
84+83.1 - 85+10.3	40' LT		26											
84+86.8 - 85+47.8	RT	135			506									
85+10.8 - 91+42.5	LT	651												
85+14.0 - 91+40.2	LT				4873									
89+54.1 - 89+80.2	RT												250	
89+77.2 - 90+52.7	RT				713									
90+49.2 - 90+98.8	RT												443	
90+85.7 - 93+38.1	RT				2551									
91+44.3 - 91+68.1	35' LT		28											
91+68.5 - 96+06.0	LT	459												
91+72.1 - 97+87.9	LT				2270									
93+38.2 - 94+52.1	RT										609	520		
94+52.0 - 96+06.0	RT				783									
18TH AVE W														
181+22.0 - 182+11.9	16' LT - 14' RT		120											
181+22.0 - 182+60.0	RT	138												
182+11.9 - 182+59.9	LT	48												
182+11.9 - 182+60.0	RT				220									
182+11.9 - 182+59.9	LT				240									
183+40.1 - 184+87.0	RT	147												
TABLE TOTALS		4203	281		28335	2323			14618		1263	2548		

(1) PARTICIPATING (ROADWAY)

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SEH Project	DULUTH 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB						
Designed By	REK						
Checked By	DRH						

Rev.#		Revision Issue Description		Date	

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Rose Kopecky
 ROSE KOPECKY, PE
 DATE: 01-16-2026 LICENSE NO. 56628

WEST SUPERIOR STREET RECONSTRUCTION
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

TABULATIONS

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(1)		B - REMOVALS & SAWCUTS (CONTINUED)											
STATION TO STATION	LOCATION	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	
		REMOVE CURB AND GUTTER	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SAWING CONCRETE PAVEMENT (FULL DEPTH)	REMOVE SIDEWALK	REMOVE BRICK SIDEWALK	REMOVE BITUMINOUS WALK	REMOVE CONCRETE PAVEMENT	REMOVE PAVEMENT	MILL BITUMINOUS SURFACE (2.0")	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE STREETCAR TRACKS
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	LIN FT
183+40.0 - 184+00.1	LT	60											
183+40.0 - 184+00.1	RT				473								
183+40.0 - 184+00.1	LT				562								
184+00.1 - 184+87.0	21' LT - 21' RT		131										
PIEDMONT AVE													
121+78.0	12' LT - 18' RT		30										
121+78.0 - 122+80.6	RT	107											
121+78.0 - 121+83.9	LT				30								
121+78.2 - 123+54.0	LT	177											
121+83.9 - 122+12.6	LT										94	147	
122+12.6 - 122+63.4	LT				259								
122+63.3 - 122+80.6	LT											178	
122+80.6 - 123+51.0	LT				572								
123+51.0 - 123+57.1	LT						73						
GARFIELD AVE													
124+36.5 - 125+30.3	RT	93											
124+26.4 - 125+10.0	LT				1321								
124+26.5 - 125+11.3	LT	95											
124+26.5 - 125+12.6	RT				495								
125+30.3 - 125+11.3	LT - RT		52										
PHASE 1 TOTALS		4735	494		32047	2323	73		14618		1357	2873	
PHASE 2													
W SUPERIOR ST													
48+00.2 - 48+23.7	LT										142	268	
48+01.8	28' LT - 21' RT		49										
48+01.8 - 75+06.2	LT - RT								17800				
48+01.8 - 48+98.4	LT	97											
48+01.8 - 52+10.4	RT	419											
48+02.0 - 49+28.7	RT						1167						
48+02.4 - 49+28.7	RT				499								
48+23.7 - 49+00.6	LT				869								
48+98.9 - 49+16.4	LT											168	
49+14.5 - 49+78.9	LT				733								
49+16.5 - 52+10.5	LT	301											
49+25.5 - 50+97.5	RT											2757	
49+76.4 - 49+94.6	LT											155	
49+90.8 - 50+08.9	LT				198								
50+08.9 - 50+28.6	LT											227	
50+28.6 - 52+09.8	LT				2030								
50+94.1 - 51+94.4	RT				501								
50+94.1 - 51+29.4	RT						313						
51+41.3 - 51+94.5	RT						452						
51+94.2 - 52+09.6	RT				151								
52+48.5 - 52+84.4	LT	46											
52+48.8 - 56+13.7	RT	404											
52+49.3 - 52+84.4	LT				368								
52+50.0 - 54+03.1	RT				766								
52+66.8 - 54+63.7	RT						1747						
52+84.4 - 53+58.0	LT											830	
53+58.0 - 54+29.0	LT				807								
53+58.1 - 54+29.2	LT	79											
54+28.5 - 54+51.3	LT											258	
54+49.9 - 56+13.7	LT	195											
54+50.3 - 56+13.7	LT				1511								
54+60.5 - 54+88.6	RT											389	
54+85.7 - 56+12.5	RT						1450						
56+61.6 - 57+40.4	LT	87			641								
57+40.3 - 57+66.6	LT											278	
TABLE TOTALS		2160	262		12786		5202		17800		236	5655	

(1) PARTICIPATING (ROADWAY)

SEH Project	DULUT 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB	Rev.#	-	Revision Issue Description	-	Date	-
Designed By	REK	Rev.#	-	Revision Issue Description	-	Date	-
Checked By	DRH	Rev.#	-	Revision Issue Description	-	Date	-

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Drawn By	JTB	Rev.#	-	Revision Issue Description	-	Date	-
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WEST SUPERIOR STREET RECONSTRUCTION
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

TABULATIONS

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(1)		B - REMOVALS & SAWCUTS (CONTINUED)												
STATION TO STATION	LOCATION	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2232	SPEC. 2104	SPEC. 2104	SPEC. 2104
		REMOVE CURB AND GUTTER	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SAWING CONCRETE PAVEMENT (FULL DEPTH)	REMOVE SIDEWALK	REMOVE BRICK SIDEWALK	REMOVE BITUMINOUS WALK	REMOVE CONCRETE PAVEMENT	REMOVE PAVEMENT	MILL BITUMINOUS SURFACE (2.0")	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE STREETCAR TRACKS
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	SQ FT
57+41.4 - 57+72.8	RT												293	
57+72.8 - 58+79.6	RT				1796									
57+61.1 - 58+44.4	LT	100			1032									
57+98.9 - 58+79.3	RT	80												
58+37.7 - 58+77.3	LT												378	
58+69.2 - 59+92.8	LT	146												
58+69.5 - 59+92.2	LT				2125									
58+74.9 - 59+02.4	RT												440	
59+01.1 - 61+52.4	RT				4036									
59+01.5 - 59+58.8	RT	68												
59+58.5 - 61+50.3	RT	206												
59+92.8 - 60+14.1	LT												238	
60+07.9 - 61+40.5	LT	164												
60+08.1 - 61+39.9	LT				2197									
61+78.8 - 63+60.2	LT	187												
61+79.5 - 63+60.8	LT				1878									
61+85.9 - 66+16.1	RT	469												
61+86.7 - 66+15.3	RT				7354									
63+53.6 - 63+89.8	LT												332	
63+85.8 - 66+07.2	LT	258												
63+87.2 - 66+06.5	LT				4082									
66+43.4 - 67+97.3	LT	174												
66+44.1 - 67+96.4	LT				1788									
66+53.3 - 68+69.8	RT	265												
66+54.1 - 68+69.0	RT				4066									
67+96.0 - 68+11.9	LT												164	
68+10.5 - 69+02.6	LT	115												
68+11.3 - 69+00.8	LT				1618									
68+69.4 - 68+90.7	RT												180	
68+82.4 - 70+82.8	RT	216												
68+82.4 - 70+82.1	RT				2330									
68+88.8 - 69+01.0	LT	12												
68+98.4 - 69+34.2	LT												384	
69+26.2 - 70+82.9	LT	184												
69+26.6 - 70+82.4	LT				2574	54								
71+18.8 - 71+33.3	LT	21												
71+18.8 - 72+45.6	RT	136												
71+19.5 - 72+36.0	LT				1096							142	149	
71+19.5 - 72+45.4	RT				1273									
71+29.9 - 71+36.8	LT					13								
71+37.1 - 71+68.3	RT					63								
71+42.2 - 71+95.5	RT				567									
71+46.7	8' RT	118												
71+59.2 - 72+34.2	LT					149								
71+62.0 - 73+92.5	LT	232												
72+01.2 - 72+44.6	RT					90								
72+33.8 - 72+62.4	LT												312	
72+42.8 - 72+72.5	RT												303	
72+59.6 - 73+92.5	LT				1251	260								
72+69.7 - 73+04.3	RT	40												
72+69.8 - 73+04.5	RT				315	65								
73+03.9 - 73+18.9	RT												138	
73+15.5 - 74+12.1	RT				885	195								
73+16.8 - 75+06.2	RT	191												
73+88.4 - 74+15.0	LT												253	
74+11.6 - 74+25.6	RT												145	
74+12.4 - 74+88.8	LT	78												
74+12.6 - 74+89.1	LT				660	160								
74+24.5 - 75+06.2	RT				743	169								
74+89.1 - 75+06.9	LT												203	
23RD AVE W														
231+63.1	19' LT - 20' RT		38											
231+63.1 - 231+70.2	RT	10												
231+63.1 - 232+59.9	LT				542	213					64			
TABLE TOTALS		3470	38		44208	1218	213				206	3912		

(1) PARTICIPATING (ROADWAY)

SEH Project	DULUT 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB						
Designed By	REK						
Checked By	DRH						

Rev.#		Revision Issue Description		Date	

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.

Rose Kopecky
ROSE KOPECKY, PE
 DATE: 01-16-2026 LICENSE NO. 56628

**WEST SUPERIOR STREET
RECONSTRUCTION**

DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

TABULATIONS

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(1)		B - REMOVALS & SAWCUTS (CONTINUED)												
STATION TO STATION	LOCATION	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2232	SPEC. 2104	SPEC. 2104	SPEC. 2104
		REMOVE CURB AND GUTTER	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SAWING CONCRETE PAVEMENT (FULL DEPTH)	REMOVE SIDEWALK	REMOVE BRICK SIDEWALK	REMOVE BITUMINOUS WALK	REMOVE CONCRETE PAVEMENT	REMOVE PAVEMENT	MILL BITUMINOUS SURFACE (2.0")	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE STREETCAR TRACKS
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	LIN FT
231+63.1 - 232+59.9	RT				714									
231+63.1 - 232+53.3	LT	90												
231+79.8 - 233+59.9	RT	84												
232+19.2 - 232+60.1	RT						209							
233+39.9 - 234+06.0	RT	66												
233+39.9 - 234+05.9	LT	66												
233+39.9 - 234+05.9	LT				325									
233+80.4 - 233+86.2	RT				34									
234+05.9 - 234+06.0	17' LT - 19' RT		36											
22ND AVE W														
220+41.1	14' LT - 14' RT		28											
220+41.0 - 220+57.0	15' LT	16												
221+45.1 - 221+61.1	15' LT	16												
221+65.1	14' LT - 14' RT		28											
21ST AVE W														
211+24.2 - 211+24.3	23' LT - 23' RT		46											
211+24.3 - 212+59.9	RT	136												
211+24.2 - 212+59.9	LT	141												
211+24.2 - 212+59.9	RT				1276									
211+24.2 - 212+59.9	LT				1459									
212+39.9 - 214.27.6	RT	94												
213.39.9 - 214.28.0	LT	88												
213+39.9 - 214+27.6	RT				1111									
213+39.9 - 214+28.1	LT				821									
214+27.7 - 214+28.0	21' RT - 23' LT		44											
20TH AVE W														
202+04.9	23' LT - 22' RT		46											
202+04.9 - 202+60.0	LT				684									
202+04.9 - 202+60.0	RT				525									
202+04.9 - 202+60.0	LT	60												
202+04.9 - 202+60.0	RT	55												
203+40.0 - 204+35.0	RT				1112									
203+40.0 - 203+69.3	LT				255									
203+40.0 - 204+36.8	RT	102												
203+43.8 - 203+68.1	LT	28												
203+66.0 - 204+02.8	LT											325		
204+01.4 - 204+34.5	LT				307									
204+01.6 - 204+35.8	LT	35												
204+35.8	20' LT - 23' RT		43											
19TH AVE W														
190+50.3	22' LT - 22' RT			44										
191+50.0 - 192+62.3	22' LT - 22' RT							522						
191+50.3 - 192+60.0	RT	114												
191+50.3 - 192+60.0	LT	110												
191+50.3 - 192+10.2	LT				590									
191+50.3 - 192+35.9	RT				899									
192+08.4 - 192+54.9	LT											489		
192+35.1 - 192+61.0	RT						415							
193+39.7 - 194+10.3	LT - RT							322						
193+40.0 - 194+10.3	RT	74												
193+39.9 - 194+10.3	LT	70												
193+39.9 - 194+10.3	LT				714									
193+40.0 - 194+10.3	RT				889									
194+10.3	22' LT - 22' RT			44										
PHASE 2 TOTALS		6543	358	88	64997	1633	5551	844	17800		348	10056		
PHASE 3														
W SUPERIOR ST														
12+84.9 - 14+83.2	LT	204												
12+86.5 - 14+84.5	LT				1892									
13+02.1 - 13+10.7	LT - RT									180				
13+10.7 - 32+77.2	LT - RT								12595					
TABLE TOTALS		1649	271	88	13607	415	209	844	12595	180		814		

(1) PARTICIPATING (ROADWAY)

SEH Project	DULUT 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB						
Designed By	REK						
Checked By	DRH						

Rev.#		Revision Issue Description		Date	

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Rose Kopecky
 ROSE KOPECKY, PE
 DATE: 01-16-2026 LICENSE NO. 56628

WEST SUPERIOR STREET RECONSTRUCTION
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

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(1)		B - REMOVALS & SAWCUTS (CONTINUED)											
STATION TO STATION	LOCATION	SPEC. 2104 REMOVE CURB AND GUTTER	SPEC. 2104 SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SPEC. 2104 SAWING CONCRETE PAVEMENT (FULL DEPTH)	SPEC. 2104 REMOVE SIDEWALK	SPEC. 2104 REMOVE BRICK SIDEWALK	SPEC. 2104 REMOVE BITUMINOUS WALK	SPEC. 2104 REMOVE CONCRETE PAVEMENT	SPEC. 2104 REMOVE PAVEMENT	SPEC. 2232 MILL BITUMINOUS SURFACE (2.0")	SPEC. 2104 REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SPEC. 2104 REMOVE CONCRETE DRIVEWAY PAVEMENT	SPEC. 2104 REMOVE STREETCAR TRACKS
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	LIN FT
13+10.8 - 19+24.2	8' LT - 8' RT												613
13+67.6 - 16+68.5	RT	310											
13+69.0 - 13+80.2	RT				73								
13+78.8 - 14+74.1	RT						832						
14+68.0	38.7' LT												
14+71.0 - 15+27.5	RT											613	
14+74.2 - 16+44.2	RT										748		
15+24.1 - 15+93.1	RT							627					
15+27.5 - 16+64.6	LT				622								
15+28.1 - 15+31.0	LT				6								
15+30.3 - 16+71.3	LT	144											
15+90.3 - 16+47.4	RT											623	
16+44.2 - 16+85.1	RT						357						
16+82.5 - 17+38.8	RT											668	
16+82.6 - 24+08.9	RT	737											
17+35.6 - 18+05.6	RT							590					
17+43.0 - 18+42.9	LT	104											
17+46.3 - 19+41.0	LT				923								
17+70.7 - 17+75.9	RT				27								
18+02.5 - 18+59.0	RT											618	
18+38.1 - 18+66.7	LT											95	
18+41.4 - 19+25.3	RT										388		
18+42.3 - 18+68.1	LT										66		
18+56.3 - 18+87.1	RT							281					
18+65.2 - 19+43.8	LT	84											
18+84.1 - 19+39.1	RT											602	
19+36.5 - 19+52.9	RT							427					
19+49.2 - 19+86.3	RT										431	417	
19+83.5 - 20+48.4	RT							584					
19+86.1 - 21+74.2	LT	195											
19+87.8 - 21+73.8	LT				1085								
20+14.7 - 20+19.5	RT				17								
20+45.1 - 21+08.3	RT											752	
20+74.0 - 22+10.0	RT										510		
21+05.0 - 21+81.8	RT							703					
21+72.6 - 21+98.8	LT											203	
21+78.9 - 22+13.5	RT											382	
21+98.5 - 24+10.1	LT	220											
21+98.8 - 24+09.5	LT				1080								
22+10.0 - 22+34.3	RT							210					
22+31.2 - 22+61.5	RT											326	
22+58.4 - 23+54.6	RT							862					
23+51.6 - 23+81.8	RT											326	
23+78.6 - 23+98.7	RT							175					
23+98.6 - 24+08.1	RT				101								
24+52.6 - 28+79.5	RT	444											
24+51.5 - 25+22.0	LT	77											
24+52.1 - 25+30.6	LT				793								
24+53.4 - 24+64.3	RT				99								
24+64.0 - 25+29.5	RT							583					
25+22.0 - 25+66.9	LT											550	
25+26.4 - 26+28.1	RT											1354	
25+61.9 - 27+01.4	LT				1438								
25+66.8-26+97.3	LT	131											
25+86.0 - 26+66.5	LT							503					
26+25.2 - 26+96.0	RT							624					
26+93.2 - 27+34.0	RT											521	
26+98.1 - 27+31.4	LT											342	
27+28.8 - 28+78.2	LT	165											
27+29.5 - 28+77.3	LT				1190								
27+30.8 - 27+44.8	RT							125					
27+30.8 - 27+85.7	RT										184		
27+41.9 - 27+72.3	RT											342	
TABLE TOTALS		2611			7454		7483				2327	8734	613

(1) PARTICIPATING (ROADWAY)

SEH Project	DULUT 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB						
Designed By	REK						
Checked By	DRH						

Rev.#		Revision Issue Description		Date	



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Rose Kopecky
 ROSE KOPECKY, PE
 DATE: 01-16-2026 LICENSE NO. 56628

**WEST SUPERIOR STREET
 RECONSTRUCTION**
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

TABULATIONS

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(1)		B - REMOVALS & SAWCUTS (CONTINUED)												
STATION TO STATION	LOCATION	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2232	SPEC. 2104	SPEC. 2104	SPEC. 2104
		REMOVE CURB AND GUTTER	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SAWING CONCRETE PAVEMENT (FULL DEPTH)	REMOVE SIDEWALK	REMOVE BRICK SIDEWALK	REMOVE BITUMINOUS WALK	REMOVE CONCRETE PAVEMENT	REMOVE PAVEMENT	MILL BITUMINOUS SURFACE (2.0")	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE STREETCAR TRACKS
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	LIN FT	
27+69.6 - 28+66.6	RT						829							
27+85.7 - 28+46.2	RT	61												
28+66.5 - 28+78.0	RT				85									
29+14.6 - 32+77.2	RT	370												
29+15.5 - 30+77.7	LT	167												
29+15.7 - 29+26.3	RT				80									
29+16.5 - 31+07.9	LT				1100									
29+26.1 - 29+68.5	RT						361							
29+68.3 - 30+63.0	RT											1441		
30+62.9 - 31+72.0	RT						929							
30+82.7 - 30+94.9	LT	12												
30+99.0 - 31+39.8	LT	41												
31+03.3 - 31+32.3	LT												291	
31+29.2 - 31+97.5	LT				403									
31+46.3 - 31+93.8	LT	48												
31+55.8 - 31+61.2	RT				22									
31+71.9 - 32+32.7	RT												863	
31+93.8 - 32+24.6	LT												358	
32+22.0 - 32+77.2	LT				299									
32+24.9 - 32+77.2	LT	52												
32+32.4 - 32+77.2	RT						391							
34+20.1	39.2' RT - 59.3' RT	21												
34+21.6 - 34+42.2	36.8' RT - 59.3' RT										636			
34+43.4 - 34+63.6	36.8 RT - 55.8' RT	31												
34+39.5 - 38+16.2	RT	387												
34+39.5 - 48+01.8	LT - RT									8231				
34+43.6	38.4' RT	3												
34+43.9 - 35+69.9	RT						1169							
34+72.7 - 35+62.1	RT	100									421			
34+81.8 - 35+23.5	LT											383		
35+48.6 - 37+41.8	LT	198												
35+50.1 - 37+45.4	LT				901									
35+67.1 - 35+98.1	RT										65	345		
35+70.5	38.4' RT	3												
35+94.3	38.5' RT	3												
35+95.1 - 36+46.6	RT						466							
36+43.4 - 36+77.8	RT											475		
36+74.5 - 37+56.3	RT						737							
36+74.5 - 38+01.9	RT										1004			
37+42.8 - 37+70.4	LT										110	243		
37+45.6	35.8' LT	13												
37+54.7 - 37+83.7	RT											330		
37+66.2	36.5' LT	6												
37+67.4 - 38+14.2	LT				216									
37+70.4 - 38+15.3	LT	52												
37+80.7 - 38+00.9	RT						180							
38+00.6 - 38+14.9	RT				133									
38+41.7 - 47+43.4	RT	922												
38+43.1 - 38+57.6	RT				152									
38+45.5 - 39+33.4	LT	97												
38+46.5 - 39+32.6	LT				780									
38+57.3 - 39+22.7	RT						597							
39+20.5 - 39+51.1	RT											423		
39+32.3 - 39+47.5	LT											171		
39+46.9 - 40+11.6	LT	72												
39+47.4 - 40+11.5	LT				377									
39+47.8 - 40+29.7	RT						744							
40+10.1 - 40+34.3	LT											270		
40+26.8 - 40+58.7	RT											438		
40+33.8 - 42+78.3	LT	253												
40+34.3 - 42+77.3	LT				2683									
TABLE TOTALS		2912			7231		6403		8231		2236	6031		

(1) PARTICIPATING (ROADWAY)

SEH Project	DULUT 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB						
Designed By	REK						
Checked By	DRH						

Rev.#		Revision Issue Description		Date	



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Rose Kopecky
 ROSE KOPECKY, PE
 DATE: 01-16-2026 LICENSE NO. 56628

WEST SUPERIOR STREET RECONSTRUCTION
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

TABULATIONS

B - REMOVALS & SAWCUTS (CONTINUED)

(1)		SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104
STATION TO STATION	LOCATION	REMOVE CURB AND GUTTER	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SAWING CONCRETE PAVEMENT (FULL DEPTH)	REMOVE SIDEWALK	REMOVE BRICK SIDEWALK	REMOVE BITUMINOUS WALK	REMOVE CONCRETE PAVEMENT	REMOVE PAVEMENT	MILL BITUMINOUS SURFACE (2.0")	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE STREETCAR TRACKS
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	LIN FT
40+55.5 - 41+64.3	RT						1002						
41+61.3 - 41+91.9	RT											331	
41+88.7 - 43+31.4	RT						1290						
43+15.0 - 43+73.0	LT	63											
43+15.9 - 46+09.9	LT				1998								
43+28.1 - 43+51.9	RT											298	
43+48.5 - 45+28.2	RT						1615						
43+75.2 - 44+29.8	LT										281		
43+88.4 - 43+94.2	RT				20								
44+38.9 - 45+68.7	LT	130											
45+25.1 - 46+30.1	RT											1651	
45+80.4 - 46+10.6	LT	34											
46+08.5 - 46+25.2	LT											151	
46+21.6 - 46+42.3	LT	27											
46+22.1 - 46+43.7	LT				127								
46+27.0 - 47+25.3	RT						871						
46+38.3 - 46+72.0	LT											308	
46+66.1 - 46+86.1	LT				121								
46+66.5 - 46+82.1	LT	19											
46+82.1 - 47+14.0	LT											341	
46+87.3 - 46+91.4	RT				16								
47+11.8 - 47+41.0	LT				163								
47+14.0 - 47+41.9	LT	32											
47+25.3 - 47+42.1	RT				140								
47+82.9 - 48+01.8	RT	25											
47+84.7 - 48+01.8	LT	22											
47+85.8 - 48+02.4	RT				166								
47+85.9 - 48+00.1	LT				83								
47+93.8 - 48+00.1	LT										7		
CARLTON ST													
311+78.1 - 314+60.4	15' LT - 20' LT		324										
312+47.1 - 312+65.9	LT	88											
311+78.3 - 312+75.1	LT				490								
313+80.7 - 314.60.3	LT	82											
30 1/2 AVE W													
307+03.7	18' LT - 18' RT			36									
307+03.7 - 307+60.0	RT	62											
307+03.7 - 307+60.0	LT	62											
307+03.7 - 307+71.7	LT - RT							389					
30TH AVE W													
301+81.3	18' LT - 18' RT		36										
301+81.3 - 302+60.0	RT	79											
301+81.3 - 302+60.0	LT	79											
301+81.3 - 302+60.0	RT				351								
301+81.3 - 302+33.7	LT				120								
301+81.3 - 302+61.8	LT											852	
29TH AVE W													
291+95.2 - 291+95.4	21' LT - 21' RT		41										
291+95.4 - 292+59.9	RT	65											
291+95.2 - 292+59.9	LT	65											
291+95.2 - 292+59.9	LT				766								
291+95.4 - 292+59.9	RT				323								
293+39.9 - 293+73.7	RT	34											
293+39.9 - 293+74.3	RT				207								
293+93.7 - 294+07.6	RT	14											
293+39.9 - 294+07.6	LT	68											
293+93.8 - 294+07.6	RT				83								
294+07.6	19' LT - 22' RT		41										
28TH AVE W													
281+56.6	15' LT - 15' RT		30										
281+57.0 - 282+59.9	RT	104											
281+56.6 - 281+95.7	LT						191						
281+56.6 - 282+19.0	LT	72											
TABLE TOTALS		1226	472	36	5174		4969	389			288	3932	

(1) PARTICIPATING (ROADWAY)

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SEH Project	DULUT 171078
Drawn By	JTB
Designed By	REK
Checked By	DRH

Rev.#	Revision Issue Description	Date
1	ADDENDUM #2.	03/18/26

Rev.#	Revision Issue Description	Date
-	-	-
-	-	-
-	-	-



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WEST SUPERIOR STREET RECONSTRUCTION
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

TABULATIONS

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(1)		B - REMOVALS & SAWCUTS (CONTINUED)													
STATION TO STATION	LOCATION	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104	SPEC. 2104			
		REMOVE CURB AND GUTTER	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	SAWING CONCRETE PAVEMENT (FULL DEPTH)	REMOVE SIDEWALK	REMOVE BRICK SIDEWALK	REMOVE BITUMINOUS WALK	REMOVE CONCRETE PAVEMENT	REMOVE PAVEMENT	MILL BITUMINOUS SURFACE (2.0")	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	REMOVE CONCRETE DRIVEWAY PAVEMENT	REMOVE STREETCAR TRACKS		
		LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ FT	SQ FT	LIN FT		
281+56.6 - 282+59.9	RT				1090										
281+56.6 - 282+19.0	LT				355										
282+07.0 - 282+59.0	LT						191								
282+18.0 - 282+41.0	LT										128	197			
282+37.2 - 282+59.9	LT	33													
282+37.2 - 282+59.9	LT				117										
26TH AVE W															
261+96.5 - 261+96.6	12' LT - 12' RT		24												
261+96.6 - 262+60.1	RT	64													
261+96.5 - 262+60.1	LT	64													
261+96.5 - 262+60.1	LT				311										
263+36.6 - 363+60.4	RT				110										
25TH AVE W															
251+10.1 - 252+14.6	15' RT - 15' LT		150												
252+14.6 - 252+60.0	RT	45													
252+14.6 - 252+60.0	LT	46													
252+14.6 - 252+21.7	LT				39										
252+14.6 - 252+60.0	RT				222										
252+14.6 - 252+60.0	LT										156				
252+19.0 - 252+48.3	LT											346			
252+45.9 - 252+60.0	LT				74										
24TH AVE W															
242+01.0	16' LT - 16' RT			32											
242+01.0 - 242+60.0	LT										224				
242+01.0 - 242+11.2	LT				50										
242+01.0 - 242+60.0	RT	60									156				
242+01.0 - 242+60.0	LT	60													
242+01.0 - 242+10.1	RT				44										
242+01.0 - 242+72.9	LT - RT							300							
242+08.8 - 242+36.4	RT											302			
242+09.4 - 242+37.4	LT											370			
242+35.3 - 242+60.0	RT				145										
242+35.6 - 242+60.0	LT				130										
243+20.9 - 243+96.0	LT - RT							309							
243+40.0 - 243+96.0	RT	57													
243+39.9 - 243+96.0	LT	57													
243+39.9 - 243+52.9	LT				58										
243+39.9 - 243+96.0	LT							620							
243+40.0 - 244+00.9	RT				293										
243+96.0	16' LT - 16' RT			32											
PHASE 3 TOTALS		7439	646	100	24789			19666	998	20826	180	5515	19912	613	
TABLE TOTALS		486	174	64	3038			811	609			664	1215		
PROJECT ITEM TOTALS		21118	1732	282	129779			3956	30381	2692	58129	180	8319	34735	613

(1) PARTICIPATING (ROADWAY)

SEH Project	DULUT 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB	Rev.#	-	Revision Issue Description		Date	
Designed By	REK	Rev.#	-	Revision Issue Description		Date	
Checked By	DRH	Rev.#	-	Revision Issue Description		Date	

SEH Project	DULUT 171078	Rev.#	1	Revision Issue Description	ADDENDUM #2.	Date	03/18/26
Drawn By	JTB	Rev.#	-	Revision Issue Description		Date	
Designed By	REK	Rev.#	-	Revision Issue Description		Date	
Checked By	DRH	Rev.#	-	Revision Issue Description		Date	

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.

Rose Kopeccky
 ROSE KOPECKY, PE
 DATE: 01-16-2026 LICENSE NO. 56628

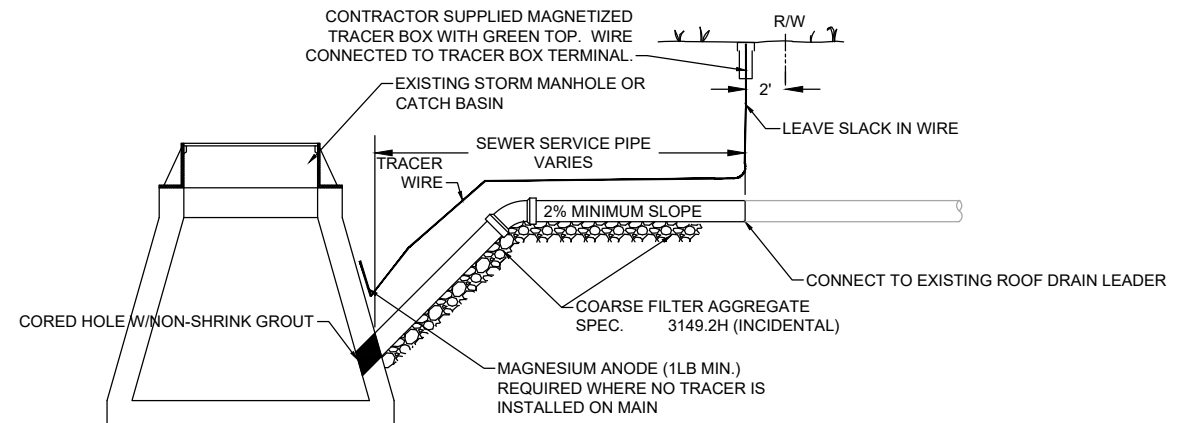
**WEST SUPERIOR STREET
RECONSTRUCTION**

DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

TABULATIONS

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of 692

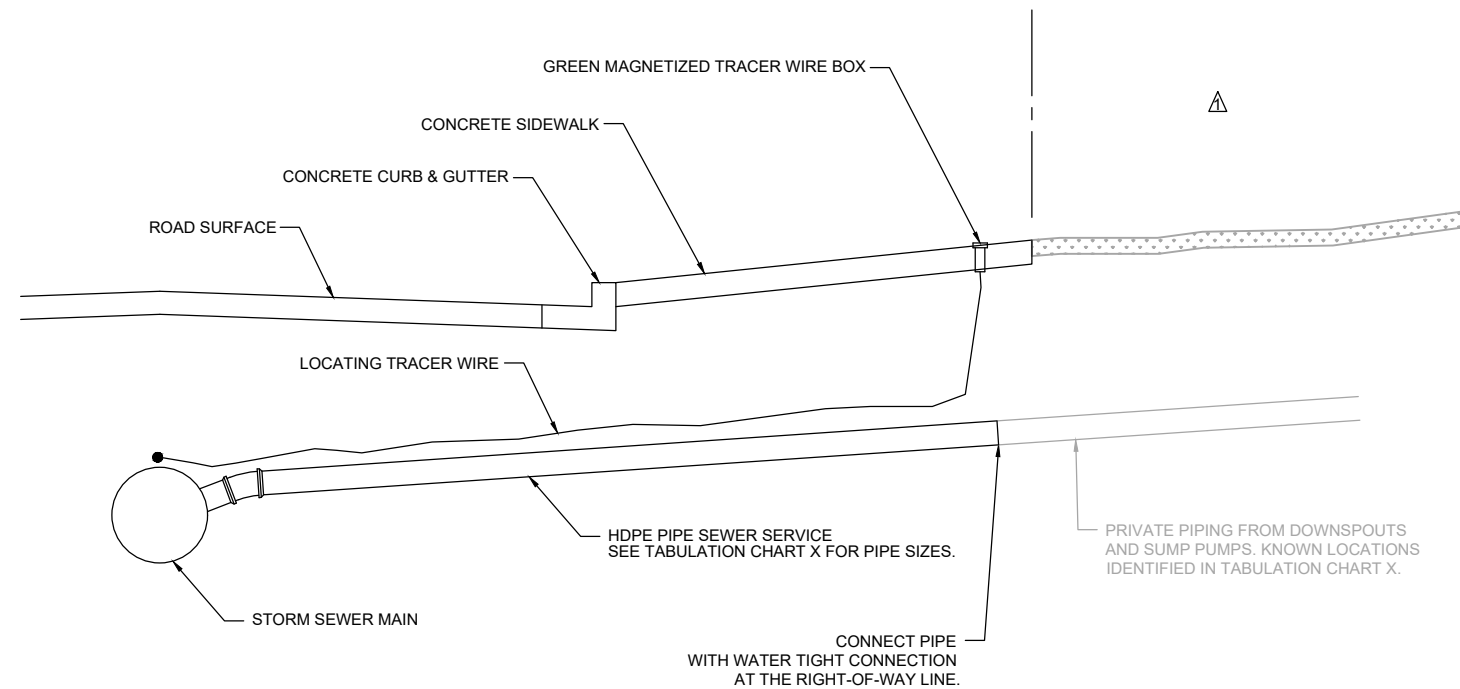
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NOTES

1. SEWER SERVICE PIPE IS INTENDED FOR THE RECONSTRUCTION OF SEWER SERVICES (WHEN FOUND TO BE IN NEED BY THE ENGINEER). CONNECT TO EXISTING ROOF DRAIN LEADER AT RIGHT OF WAY.
2. #12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED WITH SANITARY SEWER MAINS AND SERVICES. TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER SERVICE OR AS DETERMINED BY THE ENGINEER
3. FOR SERVICES, TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATE IN A FLUSH MOUNTED TRACER BOX WITH A GREEN CAST IRON LOCKABLE TOP.
4. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. SPLICES IN THE TRACER WIRE SHOULD BE MADE WITH SPLIT BOLT CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION.

CONNECT TO EXISTING ROOF DRAIN LEADER CONNECTION TO STORM CB OR MH



CONNECT TO EXISTING ROOF DRAIN LEADER CONNECTION TO STORM PIPE

SEH Project	DULUT 171078	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	JTB	1	ADDENDUM #2.	03/18/26	.		
Designed By	REK	.			.		
Checked By	DRH	.			.		



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.
Rose Kopecky
 ROSE KOPECKY, PE
 DATE 01-16-2026 LICENSE NO. 56628

**WEST SUPERIOR STREET
 RECONSTRUCTION**
 DULUTH, MINNESOTA S.P. 118-109-021/CITY PROJECT NO. 2104

CONSTRUCTION DETAILS