Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
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August 28, 2025

NOTICE TO ALL CONTRACTORS:

Proposal #07: 1060-27-74, WISC 2025597
I-94 East West, Early East Leg
30th Street to 25th Street
IH 94
Milwaukee County

Letting of September 9, 2025

This is Addendum No. 02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
4	Prosecution and Progress.
6	Traffic.
8	Utilities.
10	Work by Others.
18	Notice to Contractor – Coordination of Electric Outages with American Transmission Company (ATC).
33	Contract Award and Execution.
208	Remove Existing Steel Piling, Item SPV.0090.4300.
216	Timber Lagging, SPV.0110.4000.
222	Temporary Wall Wire Faced Mechanically Stabilized Earth LFCF R-40-767, Item SPV.0165.4100.
223	Wall Concrete Panel Mechanically Stabilized Earth LFCF R-40-761, Item SPV.0165.4761; Wall Concrete Panel Mechanically Stabilized Earth LFCF R-40-767, Item SPV.0165.4767.

Added Special Provisions	
Article No.	Description
232	Removing Bollard, Item 204.9060.S.0002.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
204.0100	Removing Concrete Pavement	SY	18,770	1,000	19,770
655.0144	Cable in Duct 4-4 AWG	LF	606	176	782
SPV.0060.5201	Manholes Type TES Doghouse 4-Ft Diameter	Each	1	1	2
SPV.0060.5204	Removing CUC Manholes	Each	1	1	2
SPV.0060.5212	Adjusting TES Manhole	Each	2	-1	1
SPV.0090.1013	Cable Aerial Alum 4AWG Quadruplex Left In Place	LF	2,110	-176	1,934
SPV.0090.5001	Ductile Iron (DI) AWWA C-151 Class 55 Water Main 12-Inch	LF	34	13	47
SPV.0110.4000	Timber Lagging	MBM	10	109	119

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
204.9060.S.0002	Removing Bollard	Each	0	2	2

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
4	General Notes – updated utility contact information
70	Removal Plan – Added callout for Removing Bollard bid item
124	N. 27th Street Watermain – Updated location for proposed 12” water main connection and the 12”water main length, and fittings; updated the MWW Project Number.
125	W. St. Paul Avenue Watermain – Updated the hydrant fitting, MWW Project Number and Plan File Number.
204-205	Lighting Plan – Shifted Pole T-DPH1 east (station/offset updated) and updated conduit type between T-CPH1 and T-DPH2 from overhead to cable-in-duct
217	City Underground Conduit – CUC plan detail with updated construction note and updated a manhole from being adjusted to removed and replaced.
218	City Underground Conduit – CUC plan detail with revised construction notes.
367	Miscellaneous Quantity – Revised Removing Concrete Pavement quantity
369	Miscellaneous Quantity – Added table for Removing Bollard
413	Miscellaneous Quantities – Revised Temporary Left-In-Place Lighting Conduit and Cable table and STA/OFF of pole T-DPH1.
424	Miscellaneous Quantities – Revised 12” Water main quantity.
425	Miscellaneous Quantities – Revised CUC MQ sheet.
829	Structures Plan (R-40-761) – Revised Timber Lagging quantity.
846	Structures Plan (R-40-761) – Added optional construction joint note.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 02

1060-27-74

August 28, 2025

Special Provisions

4. Prosecution and Progress.

Replace paragraph 13 with the following:

Do not shift traffic into the Stage 3A configuration prior to July 6, 2026, unless approved by the engineer. The Contractor may transition westbound traffic directly from the Stage 2 configuration to the Stage 3B configuration following the completion of Stage 2 if approved by the engineer, provided that a minimum of three westbound lanes are maintained.

Replace the table under section titled **Demolition Contracts (By Others)** *with the following:*

Plat I.D.	Parcel Number	Site Address	Anticipated Completion Date
1060-27-21	3 & 7	2640 W. Greves Street	November 3, 2025
1060-27-21	N/A	2401 W. St. Paul Avenue	December 1, 2025
1060-27-21	2	2620 W. St. Paul Avenue	June 7, 2026

6. Traffic.

Replace paragraph 3 under section titled **Freeway Lane Restrictions** *with the following:*

Do not begin construction B-40-1083 north abutment until temporary median pavement is complete and traffic is switched as shown in stage 3 of the plans, or as approved by the engineer. Prior to implementing the lane closure shown in Stage 3A, the Contractor may proceed directly from Stage 2 configuration to Stage 3B – maintaining three lanes of IH 94 westbound traffic – to complete preparatory work necessary to support the Stage 3A lane reduction.

8. Utilities.

Replace the entire article with the following:

This contract comes under the provision of Administrative Rule Trans 220.

The utility work plan includes additional detailed information regarding the location of known discontinued, relocated, or removed utility facilities. These can be requested from the department during the bid preparation process, or from the project engineer after the contract has been awarded and executed.

Some of the utility work described below is dependent on prior work being performed by the contractor at a specific site. In such situations, provide the engineer and the affected utility a good faith notice of when the utility is to start work at the site. Provide this notice 14 to 16 calendar days in advance of when the prior work will be completed, and the site will be available to the utility owner. Follow-up with a confirmation notice to the engineer and the utility owner not less than 3 working days before the site will be ready for the utility owner to begin its work.

Any utility facility locations (stations, offsets, elevations, depths) listed in this article are approximate.
The following utilities will require work during construction:

AT&T Wisconsin has facilities located within the project limits. As part of this project, AT&T Wisconsin will relocate its existing fiber optic infrastructure using both aerial and underground methods, implemented in phases to maintain service continuity. Work will be performed in coordination with We Energies and may overlap with other utility relocation efforts.

- **TEMPORARY FACILITIES**
    - Install new fiber optic cable from existing manhole near Evergreen Lane and S. Layton Blvd (WIS 57) to the south side of Pier 16 on existing Structure B-40-513_5 at approximately Station 20+00 KS north of Greves Street.
    - Install lateral riser on north side of Pier 16 to a 4'x4'x6' manhole placed 10' north of existing Pier 16.
    - Open cut and install conduit from proposed manhole to existing power pole on south side of Greves Street.
    - Continue by placing aerial fiber optic cable along existing telecom poles on the south side of Greves Street easterly to N. 25th Street.
    - Continue aerial fiber optic cable along existing power poles northerly on west side of N. 25th Street.
    - Continue aerial fiber optic cable on existing power poles heading northwest from the intersection of W. St. Paul Avenue and N. 25th Street across IH 94 to N. 26th Street (approximately 175' north of W. St. Paul Avenue and N. 26th Street intersection).
    - Continue aerial fiber optic cable on existing power poles on the east side of N. 26th Street to pole in the southwest corner of N. 26th Street and W. Clybourn Street intersection.
    - Place a lateral on the last pole and enter manhole within the N. 26th Street and W. Clybourn Street intersection.
    - Splice cables.
    - AT&T WI will remove existing cables from the conduits between Pier 16 and their existing manhole at the St. Paul Ave and N 27th St intersection (MH 3D61). The existing conduits underhanging the bridge will be removed by the WisDOT contractor. Conduits between the north abutment and the St. Paul Ave intersection along 27th St will be discontinued in place.
    - Construction of temporary facilities is anticipated to take approximately 60 working days. Anticipated Start Date for Temporary Relocation: September 1, 2025.
- **PERMANENT FACILITIES**
    - Construct and remove AT&T Wisconsin facilities as shown in the plans and in the bid items for this project. Notify AT&T Wisconsin in advance of this work.
    - During construction, AT&T Wisconsin to install (3) 4" conduits from 5' North of Abutment wall of Structure B-40-1083 under northbound N. 27th Street to the existing AT&T Wisconsin manhole MH 3D61 in the intersection of N. 27th Street and W. St. Paul Avenue. Elevation of conduit, 5' North of abutment, to be provided by Road Contractor. Conduit installation in roadway is anticipated to take approximately 10 working days. Notify AT&T Wisconsin when the three 4-inch conduits attached to structure B-40-1083 installation is complete and the roadway is ready for the utility to commence work.
    - During construction, AT&T Wisconsin to open cut and install three 4" conduits from new manhole north of Pier 16 to a new manhole to be installed north of proposed Pier 1 of structure B-40-1083. Work is anticipated to take approximately 30 working days. Notify AT&T Wisconsin when proposed Pier 1 of structure B-40-1083 is complete and site is ready for them to begin this work.

- Prior to and during construction, AT&T Wisconsin will relocate from existing power poles in the We Energies corridor west of Greves Street into a joint trench with We Energies – Electric. Work is expected to begin in mid-October 2025 and is anticipated to take 30 working days.
- During construction, AT&T Wisconsin will adjust manholes at approximately Station 17+86 SP, 0’ RT and Station 18+03 SP, 12’ RT, to final grades as provided by the contractor. Each adjustment is anticipated to take 1 working day. Notify AT&T Wisconsin when the site is ready for each adjustment needed.
- After Early East Leg construction is complete, AT&T Wisconsin will pull permanent fiber through the new conduits and remove the temporary aerial facilities.

ATC Management, Inc. (ATC) has facilities within the project limits.

ATC will be performing work within the construction limits of this project concurrently and in coordination with this project to relocate existing electric transmission facilities from Zablocki Drive to the 28th Street Substation. A temporary transmission line structure will be installed south of IH 94 in overhead spans to the west of the crossing to the 28th Street substation as part of the relocation work. The location of this structure will be determined in the detailed design and will be coordinated with We Energies' facility relocations.

ATC will require a representative on-site during the installation of the retaining walls R-40-761 and R-40-767. Contact ATC to coordinate oversight. To facilitate WisDOT’s construction of walls R-40-761 and R-40-767 in the Early East Leg contract, ATC’s two existing 138kV lines into We Energies Greves Substation will be temporarily removed and require reinstallation. ATC requires a two-month notice and uninterrupted and unimpeded access to the work area surrounding these lines, for a week to remove the lines and another week to restore these lines. ATC retains the right to deny any outage request based on real-time system conditions, operational constraints, or load demands. The availability of any outage is not guaranteed. Single- or double-circuit outages may be requested year-round, but full triple-circuit outages are only permitted from October 1 through December 31 unless specifically approved in writing by ATC. No full circuit outages are allowed between January 1 and September 30 unless prior written approval is granted by ATC. This work affects We Energies facilities and will require joint ATC, WisDOT and We Energies coordination.

For any additional outage requests, see the “Notice to Contractor - Coordination of Electric Outages with American Transmission Company (ATC)” section of the Special Provisions for information.

During construction, ATC will adjust manhole covers to the proposed final grade within construction limits at the following locations.

- Station 11+04 J, 14’ LT
- Station 11+18 J, 14’ LT

Contact Jeff Vanderwerff at 262-206-4966 in advance of needing manhole adjustments.

ATC will install flowable thermal backfill and steel plates over their electric duct package crossing St. Paul Avenue at approximately Station 14+00 SP. Provide ATC’s Jeff Vanderwerff at 262-206-4966 with advance notice of when the subgrade will be exposed, and the site will be available to the ATC. ATC requires 3 working days to complete this work.

ATC underground transmission facilities are located in the vicinity of storm sewer runs 200–205 and 220–215–210. Installation of these sewer runs will result in the exposure of ATC facilities. Notify Jeff Vanderwerff of ATC at (262) 206-4966 to coordinate ATC field representation during construction. ATC will support the pipe and furnish/install thermal backfill at these locations. ATC requires 10 days to procure thermal back fill and 5 days to install. Contact Jeff Vanderwerff (262) 2026-4966 in the event of or before a known disturbance.

Provide ATC a vibration mitigation plan 30 working days in advance of using vibratory or impact equipment (e.g., pile hammers, drop hammers, hydraulic breakers).

City of Milwaukee - Communications has facilities within the project limits. City forces will remove existing fiber optic cabling along the 27th Street viaduct south of the project limits and east along W. St. Paul Avenue prior to the start of construction. Anticipated Start Date: August 18, 2025. Estimated Duration for Removal Work: 10 working days

Install City of Milwaukee – Communication facilities as shown in the plans and in the bid items for this project. Upon completion of the project, the City will perform all required fiber splicing operations.

City of Milwaukee - Conduit has facilities within the project limits. Construct, remove, and adjust CUC facilities as shown in the plans and in the bid items for this project.

City of Milwaukee – Sewer has facilities within the project limits. Adjust, remove and discontinue City of Milwaukee – Sewer facilities as shown in the plans and in the bid items for this project.

City of Milwaukee – Water has facilities within the project limits. Install, remove, adjust and connect City of Milwaukee – Water facilities as shown in the plans and in the bid items for this project.

Midwest Fiber Networks LLC (MWFN) has facilities within the project limits.

Prior to construction, MWFN will relocate one pole on the south side of W. St. Paul Avenue. The south pole at Station 15+61 SP, 33' RT will be relocated 2 feet north to avoid conflict with the proposed sidewalk, and the existing guy at Station 15+61 SP, 43' RT will be replaced with a sidewalk guy. Additionally, approximately 12 feet of conduit extending from the pole to the MWFN handhole at Station 15+54 SP, 43' RT (along the fence line of the substation) will be lowered to a minimum depth of 36 inches. The handhole will be adjusted in place and downsized as needed.

During construction, MWFN will bore two (2) 1.25-inch ducts outside the project limits to tie into existing fiber and complete the gap in the I-94 FTMS system within the project limits. MWFN cannot take an outage for their facilities located within the existing FTMS ducts in the project limits. This gap work is anticipated to begin on October 1, 2025, and is scheduled to take 45 working days.

Verizon Business (MCI) has underground communications facilities within the project limits. Verizon Business (MCI) will relocate its fiber optic facilities outside the project limits during construction. The new facility route begins and terminates beyond the project limits. MCI's contractor will remove all discontinued in-place fiber from ducts once cutover to the new route is complete. Anticipated start date for MCI's relocation is October 1, 2025, and an estimated duration of 90 working days.

We Energies – Electricity has existing overhead and underground electric facilities within the project limits. We Energies will perform substantial underground conduit and manhole installation work, remove poles, and adjust manholes during construction. We Energies will also discontinue conduits and manholes during construction.

During construction, there will be relocation work, which involves converting overhead feeders (3 circuits) from the 28th Street Substation to underground facilities extending from 28th Street to the Greves Substation. The route generally follows N. 29th Street, W. Mount Vernon Avenue, N. 32nd Street, W. Park Hill Avenue, and W. Canal Street. Three VFI (Vacuum Fault Interrupter) units and riser poles will be installed at the northwest corner of N. 32nd Street and W. Canal Street. The construction schedule includes:

- Conduit and Manhole Work: 140 working days, starting no later than 10/31/2025.
- Cable Construction: 60 working days, starting no later than 3/1/2026.
- Overhead/Direct Bury Work: 100 working days, starting no later than 4/1/2026.

Work will overlap among the above three types and is scheduled to be completed by 9/1/2026. The poles, along with both We Energies and AT&T overhead lines, are anticipated to be removed by January 1st, 2027.

During construction, We Energies will adjust 17 existing manholes between Station 10+77 SP and Station 219+49 SP as described below. We Energies requires a minimum of 1 business day per adjustment. Provide advance notice of when the subgrade will be exposed, and the site will be available to We Energies to make the adjustments.

Prior to construction, steel plating (10ga, 18"–24" wide) will be installed in two locations (conduits running south from both MH 88-8011 and MH 88-8021) to protect the existing conduit found within the proposed subgrade. Installation of the steel plating is expected to take 1 (one) week per location.

Below is a summary of the locations with proposed work for We Energies' facilities.

Station No.	Pole No.	Work Proposed
409+24 EW, 129'RT	04-13288	Remove Pole
411+4 EW, 147'RT	66-1029	Remove Pole
412+11 EW, 153'RT	17-03077	Remove Pole
413+30 EW, 143'RT	15-03105	Remove Pole
413+26 EW, 127'RT	15-14054	Remove Pole
413+65 EW, 119'RT	15-14055	Remove Pole
414+12 EW, 112'RT	15-14056	Remove Pole
414+13 EW, 142'RT	78-6601	Remove Pole
414+25 EW, 235'RT	78-6602	Remove Pole
414+54 EW, 107'RT	15-14057	Remove Pole
414+96 EW, 104'RT	15-14058	Remove Pole
415+00 EW, 131'RT	15-03104	Remove Pole
415+54 EW, 127'RT	79-08139	Remove Pole
417+33 EW, 96'RT	99-05639	Remove Pole
418+70 EW, 61'RT	57-2904	Remove Pole
418+93 EW 73'RT	57-2949	Remove Pole
419+52 EW, 49'RT	57-2892	Remove Pole
419+55 EW, 66'RT	57-2891	Remove Pole
420+7 EW, 44'RT	69-2612	Remove Guy Stub Pole
10+56 SP, 36'RT		MH88-8002, Cover adjustment
10+68 SP, 23'LT		MH88-8003, Cover adjustment
10+88 SP, 14'RT		MH88-8004, Cover adjustment
11+84 SP, 13'RT		MH88-8006, Roof will be 4" into base aggregate, cover adjustment
12+28 SP, 15'RT		MH88-8007, Roof will be 4" into base aggregate, cover adjustment
12+28 SP, 15'RT To 102+80 TJD, 38'RT		New Conduit from MH88-8007 to MH88-8009
102+78 TJD, 24'RT		MH88-8008 to be Discontinued (roof removed, top of wall removed, floor broken up, backfill slurry)
12+28 SP, 15'RT To 102+78 TJD, 24'RT		Conduit from MH88-8007 to MH88-8008 to be discontinued in place
102+78 TJD, 24'RT To 102+10 TJD, 40'RT		Conduit from MH88-8008 into the Substation to be discontinued in place
102+80 TJD, 38'RT To 102+10 TJD, 40'RT		New Conduit from new MH88-8009 into Substation
12+53 SP, 21'LT		MH88-8011, Cover adjustment
12+53 SP, 21'LT To 102+80 TJD, 38'RT		Steel plate over existing conduit from MH88-8011 to MH88-8009
102+80 TJD, 38'RT		MH88-8009 to remain
102+73 TJD 112'LT to 102+73 TJD, 50'RT		New Conduit crossing ramp between MH88-8005 and MH88- 8022 (into SS)

102+70 TJD, 112'LT to 102+70 TJD, 50'RT		Existing conduit to be discontinued in place
13+18 SP, 19'LT		MH88-8019, Roof to be lowered. Cover to move 2'N to avoid the proposed curb
13+31 SP, 20'RT		MH88-8020, Cover adjustment
12+66 SP, 51'RT		MH88-8012, Cover adjustment
12+66 SP, 51'RT To 15+65 SP 42'RT		Conduit replaced from MH88-8012 to MH88-8026, in the same location.
13+88 SP, 23'LT		MH88-8021, Cover adjustment
13+88 SP, 23'LT To 13+81 SP, 36'RT		Steel Plate over existing conduit from MH88-8021 to SS entrance
13+90 SP, 44'LT		MH88-8023, Cover adjustment
15+65 SP, 42'RT		MH88-8026, Possible Relocation, further investigation needed
16+92 SP, 7'RT		MH8322, Roof needs to be replaced, Cover adjustment
17+57 SP, 22'LT		MH88-8030, Cover adjustment
17+50 SP, 22'RT		MH88-8028, Cover adjustment
25+78 KS, 22'LT		MH88-8029, Cover adjustment
16+92 SP, 7'RT To 219TSP+03 11'RT		New Conduit from MH8322 to MH6384 in place of the existing conduit to be discontinued
219+03 TSP, 11'RT		MH6384, Cover adjustment
11+29 J, 44'LT		MH94-8006, Cover adjustment
11+14 SP, 59'RT to 12+61 SP, 54'RT		New Conduit Span from MH88-8012 to N 29th ST
N 29th ST From W ST Paul to W MT Vernon Ave 2' to 5' E of ELL		New Conduit Span on N 29th ST
New MH in N 29th ST		5' E OF ELL N 29TH ST, 5' S OF SLL W MT VERNON
W MT Vernon Ave from N 29th ST to N 32nd ST 30' N of SLL		New Conduit Span on W MT Vernon Ave
New MH in MT Vernon Ave		86' W OF WLL N 30TH ST, 30' N OF SLL W MT VERNON
New MH in MT Vernon Ave		78' E OF ELL N 32ND ST, 30' N OF SLL W MT VERNON
N 32nd ST From W MT Vernon to W Park Hill Ave 23' W of ELL To W Canal ST Varies East Side		New Conduit Span on N 32nd ST
New MH in N 32nd ST		New MH in Intersection of N 32nd ST and W Park Hill Ave
W Park Hill Ave from N 32nd ST To Alley N 31st St 25' S of NLL		New Conduit Span on W Park Hill ave for New Riser
New MH in N 32nd ST		New MH in Intersection of N 32nd ST and W Canal ST, North Side
W Canal ST from N 32nd ST To Greves SS Varies North Side		New Conduit Span North of W Canal St to Greves SS
NW Corner of W Canal ST and N 32nd ST		3 VFI Units and 3 Riser Poles (Gazebo Needs to be relocated)

Poles and guy wires/anchors not listed above will remain in the project area during the project. These remaining poles and their associated circuits, which will not be relocated until after this contract work is complete, will be energized during the project.

We Energies requires that grading north and east of the existing Greves Substation, including the entire area between Greves Substation and the new ATC Ballpark Substation, be near final grade and ready for substation construction. We Energies is planning to begin substation modifications from April 1, 2028, through December 31, 2028, concurrent with extensive other relocation efforts in this area.

Work on structure R-40-761 between approximately Station 2003+00 and Station 2004+20 will require a substation outage of up to 75 calendar days, anticipated between October and December 2027. Provide We Energies a minimum of 60 days' notice prior to starting work in this area to allow for outage planning. The 75-day period will begin upon written confirmation from ATC or We Energies to WisDOT and the WisDOT contractor that the overhead lines in the outage area have been removed. This duration does not include the time needed by ATC and We Energies to remove and restore the lines. Coordinate with We Energies and ATC on outages required to perform as noted in the "Prosecution and Progress" and "Notice to Contractor - Coordination of Electric Outages with American Transmission Company (ATC)" articles.

We Energies – Gas has facilities within the project limits.

Prior to construction, gas services at the following addresses will be replaced from the existing main:

- 2734 W. St. Paul Avenue
- 2818 W. St. Paul Avenue
- 402 N. 28th Street
- 412 N. 28th Street

Additionally, the gas service stub at 2724 W. St. Paul Avenue will be discontinued.

Anticipated Start Date: July 15, 2025. Anticipated duration of work: 25 working days.

Valve box adjustments will be required at the following locations:

- Station 10+36 SP, 15' RT
- Station 16+82 SP, 33' LT

Notify We Energies to coordinate gas valve box adjustments. We Energies requires a minimum of 1 business day per valve box adjustment.

The following utilities have facilities within the construction limits; however, no adjustments are anticipated:

AT&T Legacy

Level 3 Communications LLC

Milwaukee Metropolitan Sewerage District

Spectrum

Windstream KDL, LLC

10. Work by Others.

Replace paragraph one under section titled **City of Milwaukee – Street Lighting** *with the following:*

City of Milwaukee – Street Lighting has facilities within the project limits. Construct, install, remove, and discontinue City of Milwaukee – Street Lighting facilities as shown in the plans and in the bid items for this project.

Replace paragraph one under section titled **City of Milwaukee – Signals** *with the following:*

City of Milwaukee – Signals has facilities within the project limits at the intersection of S. 27th Street and W. St. Paul Avenue. Construct, install, remove, and discontinue City of Milwaukee – Signals facilities as shown in the plans and in the bid items for this project.

18. Notice to Contractor – Coordination of Electric Outages with American Transmission Company (ATC).

Replace the entire article with the following:

American Transmission Company (ATC) has 138 kV overhead transmission lines located along the south side of IH 94 within the project limits, which will remain energized throughout the duration of construction. The contractor is required to maintain OSHA-specified Minimum Approach Distances (MADs) from these energized lines at all times. It is the contractor's responsibility to determine the appropriate clearance for the equipment being used and to ensure that these minimum distances are strictly adhered to during all operations near ATC facilities.

Contractors are not permitted to enter any ATC switchyard without prior coordination and approval. Any work planned inside an ATC switchyard must first be coordinated with and approved by ATC. All work in the vicinity of ATC transmission facilities must be conducted with extreme caution. Transmission structures may include multiple ground rods that could extend significant distances from the base of the structure. These rods are connected via ground wires and may be buried up to 18 inches or deeper. If ground rods or any other ATC facilities are disturbed during construction, their locations must be documented and promptly reported to ATC. ATC has two (2) structures within the project limits i.e., lattice towers at approximately Station 421EW+45, 16'RT and Station 417EW+27, 56'RT. No excavation within 50 feet of any ATC structure is allowed without ATC approval. Contact Jeff Vanderwerff, (262) 206-4966 to coordinate review and approval.

No temporary or permanent stockpiling or staging of equipment, materials, or earthwork is allowed within the ATC wire zone or easements at any time. Unobstructed access to ATC facilities must be maintained throughout the project, including access points such as the ATC's 28th St substation driveway at St Paul Avenue. Blocking or restricting access is not permitted unless coordinated and approved by ATC in advance. If thermal sand around an ATC underground cable is disturbed during construction, it must be replaced in accordance with ATC's specifications.

For construction activities expected to cause excessive vibration—such as blasting, pile driving, vibratory hammers, hydraulic breakers, or drop hammers—the contractor must notify ATC at least thirty (30) working days in advance. A vibration mitigation plan must be provided for ATC's review, including the anticipated peak particle velocity (PPV) and frequencies at ATC structures, substations, and underground facilities.

Outage requests not already addressed in the Utilities article under the ATC Management, Inc. section must be submitted to ATC with at least 150 calendar days' notice and must include sufficient justification. ATC retains the right to deny any outage request based on real-time system conditions, operational constraints, or load demands. The availability of any outage is not guaranteed. Single- or double-circuit outages may be requested year-round, but full triple-circuit outages are only permitted from October 1 through December 31 unless specifically approved in writing by ATC. No full circuit outages are allowed between January 1 and September 30 unless prior written approval is granted by ATC. The contractor must contact ATC Construction Manager Dale Hartung at (262) 212-9449 to initiate the outage agreement process. An executed outage agreement is required for any planned outages. All costs associated with ATC outages requested for WisDOT project work will be the responsibility of WisDOT.

Electric fields under transmission lines can cause induced voltages on ungrounded equipment and vehicles working near transmission lines. It is the contractor's responsibility to ensure that all equipment used in proximity to ATC lines is properly grounded to mitigate the risks associated with induced voltages.

33. Contract Award and Execution.

Replace paragraph 7 under section titled **103.9 Bid Escrow Documentation** *with the following:*

The low bidder shall present authentic copies of their BED at the department's office, located at WisDOT Southeast Region Office, 141 NW Barstow Street, Waukesha WI, 53188, on Monday, September 15th, at 1:30 PM.

208. Remove Existing Steel Piling, Item SPV.0090.4300.

Replace entire section titled **A Description** *with the following:*

This special provision describes removing existing steel piles that conflict with proposed new drilled shafts for substructures as shown in the plans.

Replace entire section titled **C Construction** *with the following:*

C Construction

Remove any existing steel piling that conflicts with proposed drilled shaft locations and as shown on the contract plans. An existing steel pile conflicts with a proposed drilled shaft if it is in direct conflict or otherwise prohibits installation of the proposed-drilled shaft temporary steel casing.

One of the following methods of removing shall be used:

a. Direct Pull: Remove the piling from the soil by pulling directly upward.

b. Vibratory Excavation: Remove the piling by vibrating the piling loose and pulling the piling directly upward

c. Contractor Proposed: If the contractor chooses to use an alternate method to remove the existing steel piling, the contractor shall provide the engineer with a written methodology for review and acceptance.

When an existing steel piling is found to conflict with the proposed location of a new drilled shaft, the contractor shall notify the engineer and receive written acceptance on the method of removal that was chosen prior to beginning any work to remove the steel piling.

After pile removal and prior to drilled shaft construction, backfill any excavated areas holes left by pile removal with flowable backfill, consisting of aggregates that conform to standard spec 501 for Grade A Concrete and do not add any cementitous material; cement or fly ash, to the flowable fill mix. Weigh aggregates at a batch plant suitable for batching concrete masonry. Mix and deliver to the project site using a truck mixer. Add enough water to enable the mixture to flow readily.

Replace ***E Payment****, paragraph 2, sentence 1 with the following:*

Payment for Remove Existing Steel Piling is full compensation for removing existing steel piling, providing and backfilling with flowable backfill, and for disposing of all material removed.

216. Timber Lagging, Item SPV.0110.4000.

Replace entire section titled **B Materials** *with the following:*

Use materials that conform to lumber as specified in standard spec 507 except that preservative treatments according to standard spec 507.2.2.6 are not required and untreated lumber may be used. Use Douglas fir or Southern pine construction grade rough-cut lumber with a minimum thickness of 4-inches.

222. Temporary Wall Wire Faced Mechanically Stabilized Earth LFCF R-40-767, Item SPV.0165.4100.

Replace paragraph 9 under section titled **B.2 Design Requirements** *with the following:*

The wall facings shall be designed according to AASHTO 11.10.2.3. A geotextile shall be used at the front face of the wall.

Replace entire section titled **B.3.1 Steel Components** *with the following:*

B.3.1 Steel Components

Provide steel reinforcement that meets the following requirements:

1. Welded Wire Fabric Soil Reinforcement

   Provide shop fabricated welded wire reinforcement from cold drawn steel wire that has a yield stress of 65,000 psi and conforming to the minimum requirements of ASTM A1064 and be welded into the finished configuration according to ASTM A1064. Replace welded wire fabric that has been damaged during handling, placing or backfilling at the direction of the engineer, at no expense to the department.

2. Steel Reinforcing Strips and Tie Strips

   As an alternate to welded wire reinforcing mesh, provide steel reinforcing strips or ladder reinforcing strips or equal, hot-rolled from bars, to the required shape and dimensions meeting the requirements of ASTM A572 Grade 65 minimum. Tie strips shall be shop fabricated of hot-rolled steel meeting the requirements of ASTM A1011 Grade 50.

3. Welded Wire Fabric Facing Panels

   Provide welded wire fabric that is used to fabricate the facings of the wire-faced wall that has a yield stress of 65,000 psi. All steel shall be shop fabricated of cold drawn steel wire conforming to the minimum requirements of ASTM A1064 and be welded into the finished configuration according to ASTM A1064. Replace welded wire fabric that has been damaged during handling, placing or backfilling at the direction of the engineer, at no expense to the department.

4. Fasteners

   High strength bolts meeting the requirements of AASHTO M164 or equivalent.

5. Connector Pins and Mat Bars

   Connector pins and mat bars fabricated from cold drawn steel wire meeting the requirements of ASTM A82.

Replace entire section titled **B.3.2 Geotextile** *with the following:*

B.3.2 Geotextile

Use geotextile as recommended by the wall manufacturer. If none is recommended, use Type DF (schedule B) as shown in standard spec 645 or as specified on the contract plans. Deliver in a protective wrap and keep protected from ultraviolet light until incorporated into the work.

223. Wall Concrete Panel Mechanically Stabilized Earth LFCF R-40-761, Item SPV.0165.4761; Wall Concrete Panel Mechanically Stabilized Earth LFCF R-40-767, Item SPV.0165.4767.

Replace paragraph one under section titled **A Description** *with the following:*

This special provision describes designing, furnishing materials and erecting a permanent earth retention system in accordance to the lines, dimension, elevations and details as shown on the plans and provided in the contract. The design life of the mechanically stabilized earth (MSE) wall and all wall components shall be 100 years minimum.

Replace paragraph 6 under section titled **B.2 Design Requirements** *with the following:*

Use LFCF as MSE backfill within the limits shown on the plans. The design of the wall and reinforced backfill zone behind this wall is to be based on an equivalent backfill area of assumed granular backfill with a maximum angle of internal friction of 30 degrees and unit weight density equal to the unit weight density of the LFCF backfill. The design of the wall and reinforced backfill zone behind this wall is to be based on an equivalent backfill area of assumed granular backfill with a maximum angle of internal friction of 40 degrees and a unit weight density equal to the unit weight density of the LFCF backfill.

232. Removing Bollard, Item 204.9060.S.0002.

A Description

This special provision describes removing steel encased concrete bollards conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Bollard as each individually unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.0002	Removing Bollard	EACH.

stp-204-025 (20230113)

Schedule of Items
Attached, dated August 28, 2025, are the revised Schedule of Items Pages 1, 18, 26, 27, and 29 – 31.

Plan Sheets
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 4, 70, 124-125, 204-205, 217-218, 367, 369, 369, 413, 424-425, 829, 846.

END OF ADDENDUM

UTILITIES CONTACTS

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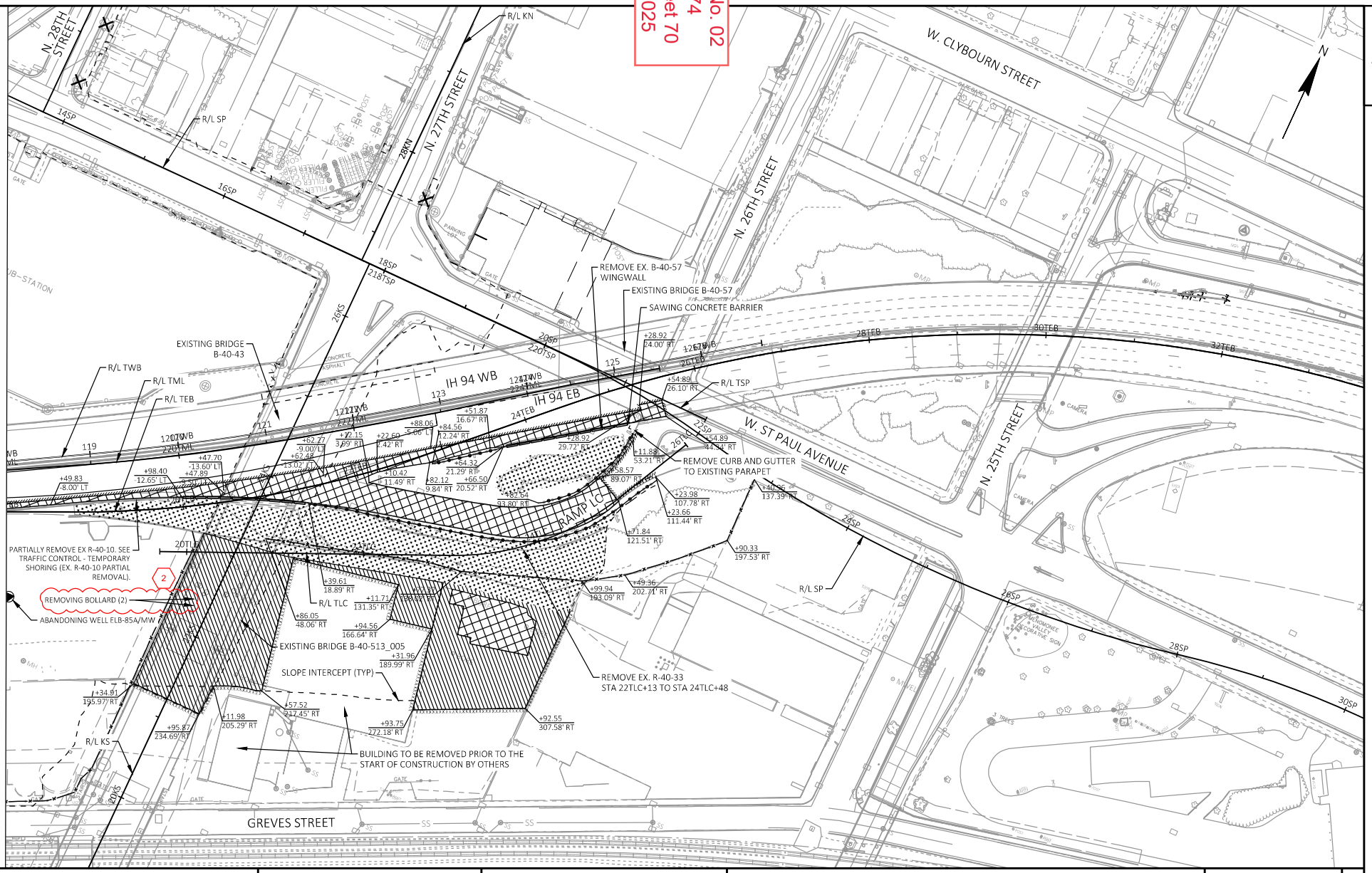
DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

Addendum No. 02
ID 1060-27-74
Revised Sheet 4
August 28, 2025

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	GENERAL NOTES	SHEET 4	E

FILE NAME : C:\USERS\DBAUMANN\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\10602709ELA-020101-GN.DWG
LAYOUT NAME - 02
PLOT DATE : 8/20/2025 4:29 PM
PLOT BY : DAN BAUMANN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 02
ID 1060-27-74
Revised Sheet 70
August 28, 2025



PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	REMOVAL PLAN - STAGE 1	SHEET 70	E

FILE NAME : C:\USERS\DBAUMANN\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\10602709ELA-021101-RM.DWG
LAYOUT NAME - 01-TEB-02
PLOT DATE : 8/26/2025 4:58 PM
PLOT BY : DAN BAUMANN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

FURNISH PIPE AND INSTALL

(DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)

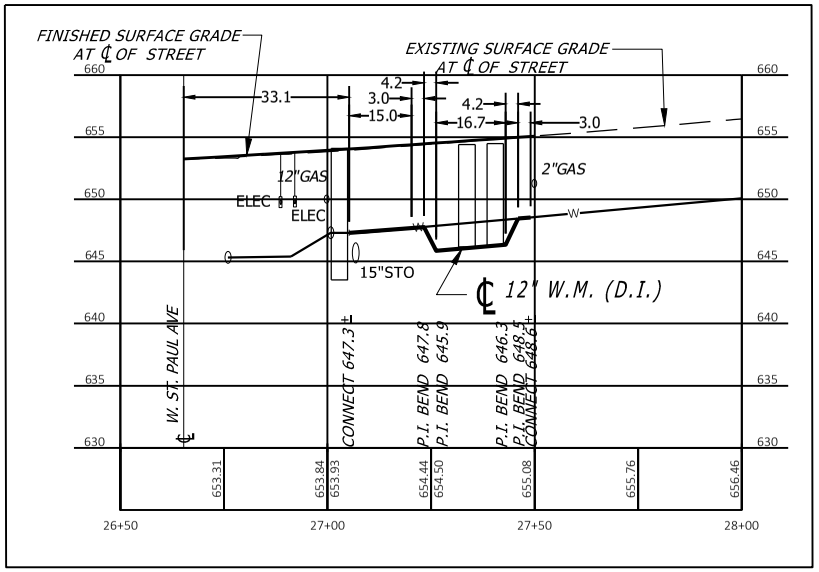
41 FT. - 12" WATER MAIN (2)

ABANDONMENT OF WATER MAINS, VALVES, AND HYDRANTS

42 FT. - 12"-1934-L WATER MAIN (2)

FOLLOWING IS A LIST OF THE FITTINGS SHOWN ON THIS CONSTRUCTION PLAN THAT WILL BE FURNISHED BY THE CONTRACTOR.

4 - B12-45 (2)
1 - SU(D/P)
1 - SU12



GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MILWAUKEE "WATER MAIN INSTALLATION SPECIFICATIONS", DATED JANUARY 2, 1987. ADDITIONALLY, ALL WORK SHALL BE DONE IN ACCORDANCE WITH "THE MILWAUKEE WATER WORKS STANDARD PLAN NOTES REGARDING WATER MAIN CONSTRUCTION", WHICH IS ATTACHED AND MADE PART OF THESE WATER MAIN PLANS AND CONTRACT DOCUMENTS.

THE DEPARTMENT OF PUBLIC WORKS GENERAL SPECIFICATIONS, DATED JANUARY 31, 1992, LATEST REVISION, APPLIES TO THIS CONTRACT AND WILL SUPERSEDE ANY PART OF THE SPECIFICATIONS WHICH DIFFERS THEREFROM.

THE MILWAUKEE WATER WORKS WILL FURNISH WATER MAIN MATERIALS AS INDICATED IN SPECIFICATION SECTION 4.3.1. THE CONTRACTOR SHALL FURNISH TEMPORARY TEST CAPS AND PLUGS. THE CONTRACTOR SHALL FURNISH ALL OTHER ITEMS REQUIRED TO COMPLETE THIS PROJECT.

ELEVATION NOTE

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO NAVD'88(2007). TO CONVERT TO CITY OF MILWAUKEE DATUM SUBTRACT 580.29 FROM ELEVATIONS SHOWN.

VALVE BOX BASE ADAPTERS

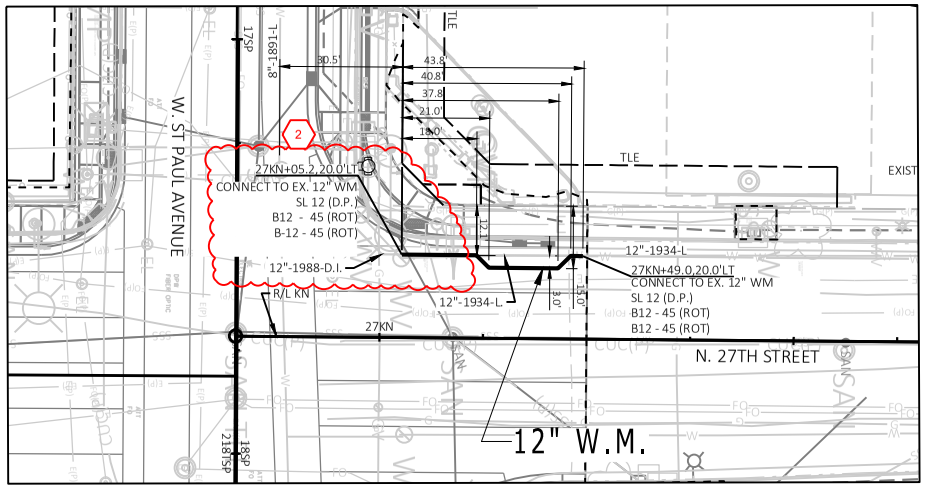
ALL VALVE BOXES SHALL BE INSTALLED ON GATE VALVES WITH THE USE OF THE VALVE BOX BASE ADAPTERS, "ADAPTOR II" AS MANUFACTURED BY ADAPTOR INC. OR AN APPROVED EQUAL. THE ADAPTER SHALL BE INSTALLED IN ADDITION TO THE HARDWOOD BLOCKING. COST OF THE ADAPTER SHALL BE INCLUDED IN THE UNIT BID PRICE TO FURNISH AND INSTALL WATER MAIN.

BACKFILL AND BEDDING MATERIAL

THE REQUIREMENTS FOR BACKFILL AND BEDDING MATERIAL SHALL BE AS STATED IN THE "THE MILWAUKEE WATER WORKS STANDARD PLAN NOTES REGARDING WATER MAIN CONSTRUCTION".

HYDRANTS

THE CONTRACTOR SHALL RETURN ALL ABANDONED HYDRANTS TO THE DPW FIELD HEADQUARTERS - INFRASTRUCTURE, OPERATIONS, WATER WORKS. CONTACT MR. BEN GLATZEL AT 414-708-2839 FOR ADDITIONAL INFORMATION.



Addendum No. 02
ID 1060-27-74
Revised Sheet 124
August 28, 2025

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND
BEFORE YOU DIG, WISCONSIN STATUTE 182.0175 REQUIRES
MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

NO.	BY	REVISION	DATE
1			
2			
3			

Milwaukee Water Works — Water Engineering, Department of Public Works

WATER MAIN

IN: W. ST. PAUL AV.
FROM: N. 27TH ST.
TO: N. 29TH ST.

SCALE HORIZONTAL	1" = 30'
SCALE VERTICAL	1" = 10'
L/I SEC. NO.	401
PLAN DATE	7-18-25
DRAWN BY	KKC
CHECKED BY	SBJ
SURVEY BY	TR
PROGRAM NO.	2025-501
PROJECT NO.	WT410250501

APPROVED / DATE
MAINS DESIGN ENGINEER
ENGINEER IN CHARGE
SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS

CONTRACT NO. | C.C. FILE NO.
OFFICIAL NOTICE NO. | DATE ADOPTED

SHEET NO. 1 OF 2 | PLAN FILE NO. 2025106

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	N. 27TH STREET WATERMAIN	SHEET 124	E

FILE NAME : LAYOUT NAME - 01-SP-WM-01

PLOT DATE : 8/25/2025 PLOT BY : PLOT NAME : PLOT SCALE : ########## WISDOT/CADDS_SHEET_42

FURNISH PIPE AND INSTALL
(DUCTILE IRON PUSH-ON RUBBER GASKET JOINT)
34 FT. - 6 " WATER MAIN
13 FT. - 6" HYDRANT BRANCH

SERVICES
1 - CONNECT ORIGINAL SERVICE

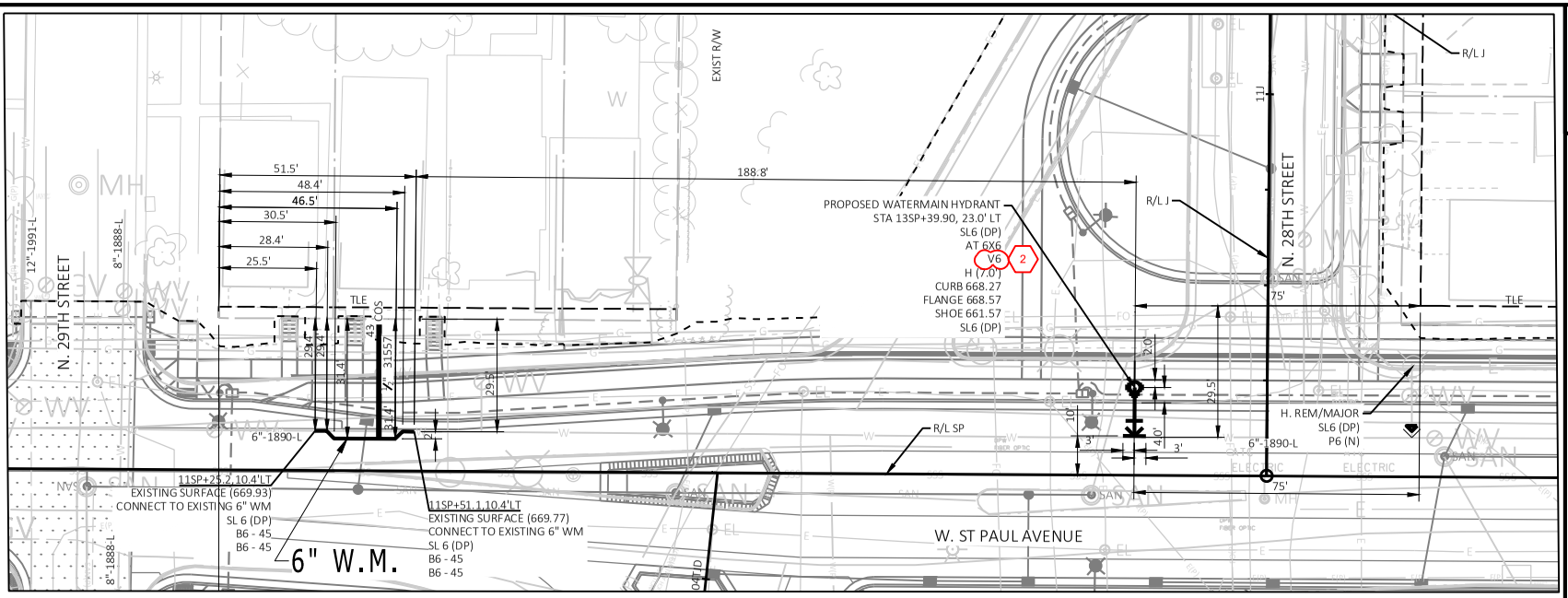
INSTALL
1 - HYDRANT

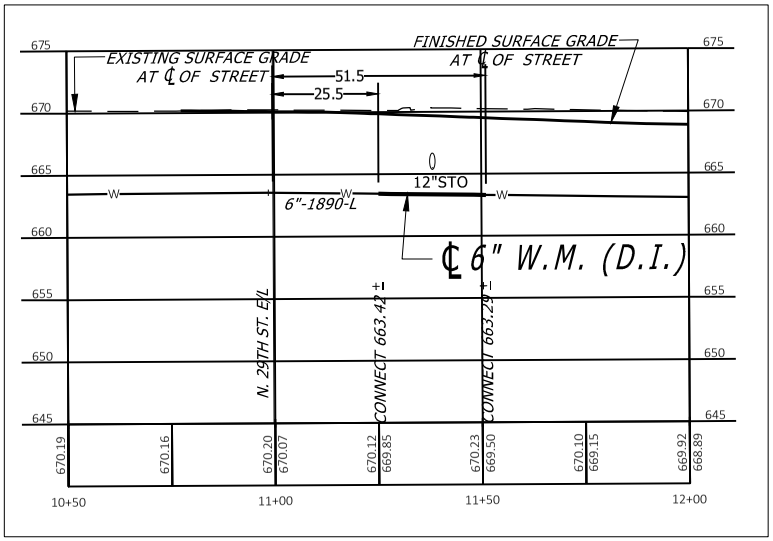
REMOVE
1 - HYDRANT / MAJOR

ABANDONMENT OF WATER MAINS, VALVES, AND HYDRANTS
32 FT. - 6"-1890-L WATER MAIN
1 - HYDRANT

FOLLOWING IS A LIST OF THE FITTINGS SHOWN ON THIS CONSTRUCTION PLAN THAT WILL BE FURNISHED BY THE CONTRACTOR.

1 - AT 6x6
4 - B6-45
1 - V6
1 - VB-DD
1 - P6
1 - H7.D
5 - SL6(DP)
1 - 1" CORPORATION STOP





Addendum No. 02
ID 1060-27-74
Revised Sheet 125
August 28, 2025

Milwaukee Water Works — Water Engineering, Department of Public Works

WATER MAIN
IN W. ST. PAUL AV.
FROM N. 27TH ST.
TO N. 29TH ST.

SCALE HORIZONTAL	1" = 30'
SCALE VERTICAL	1" = 10'
L/4 SEC. NO.	401
PLAN DATE	7-18-25
DRAWN BY	KKC
CHECKED BY	SBJ
SURVEY BY	OTHER
PROGRAM NO.	2025-501
PROJECT NO.	WT410250501
CONTRACT NO.	
OFFICIAL NOTICE NO.	
C.C. FILE NO.	
DATE ADOPTED	

APPROVED / DATE
MAINS_DESIGN_ENGINEER
ENGINEER_IN_CHARGE
SPECIAL_DEPUTY_COMMISSIONER_OF_PUBLIC_WORKS

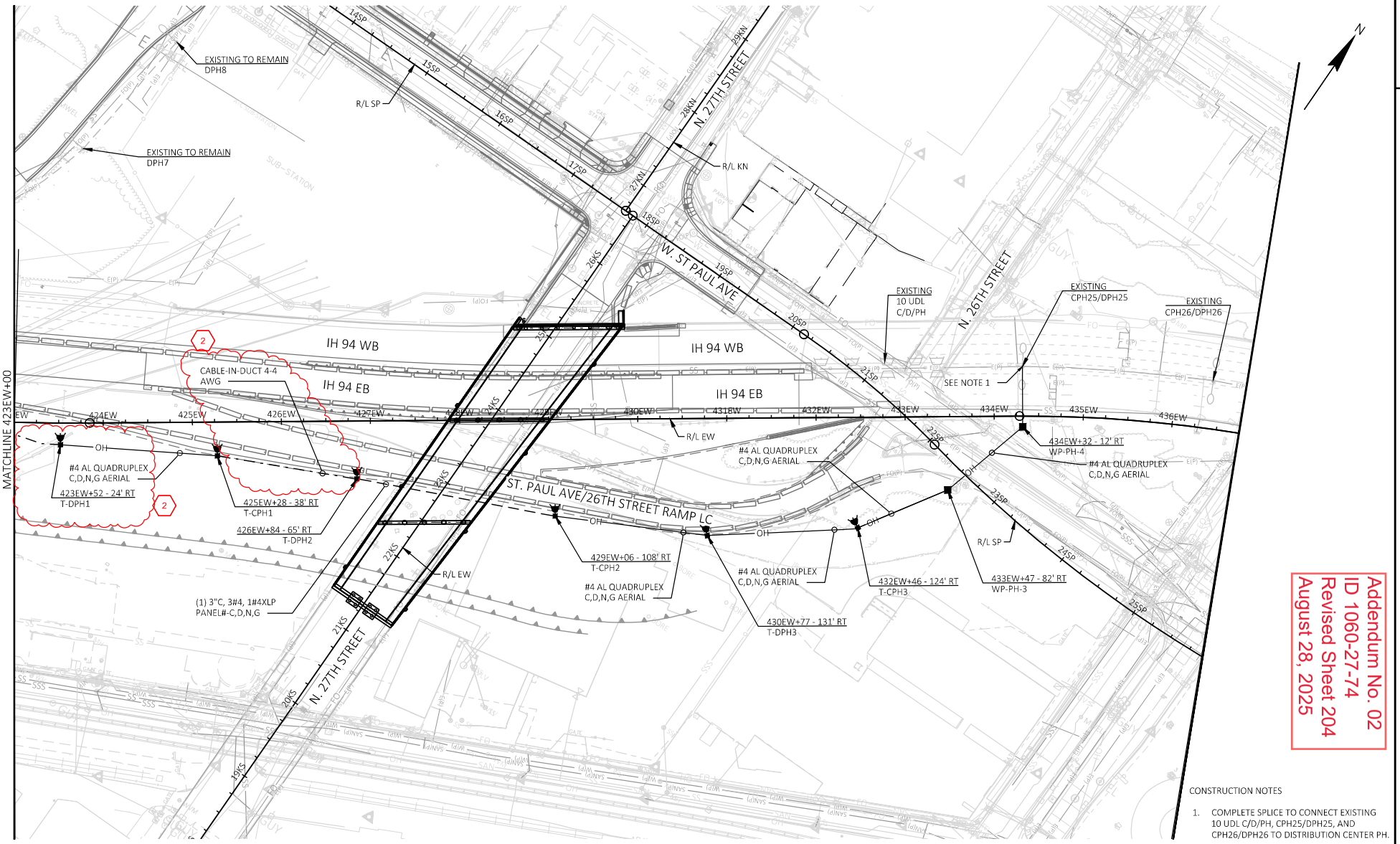
CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITY FACILITIES BEFORE YOU DIG, EXCAVATION STATUTE (SEC. 182.0175(1)) REQUIRES NOTICE OF 3 WORK DAYS BEFORE YOU EXCAVATE

NO.	BY	REVISION	DATE
1			
2			
3			

SHEET NO. 2 OF 2 SHEETS — PLAN FILE NO. 2025107

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	W. ST. PAUL AVENUE WATERMAIN	SHEET 125 E

FILE NAME : LAYOUT NAME - 01-SP-WM-02
PLOT DATE : 8/25/2025
PLOT BY : PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS_SHEET_42



Addendum No. 02
ID 1060-27-74
Revised Sheet 204
August 28, 2025

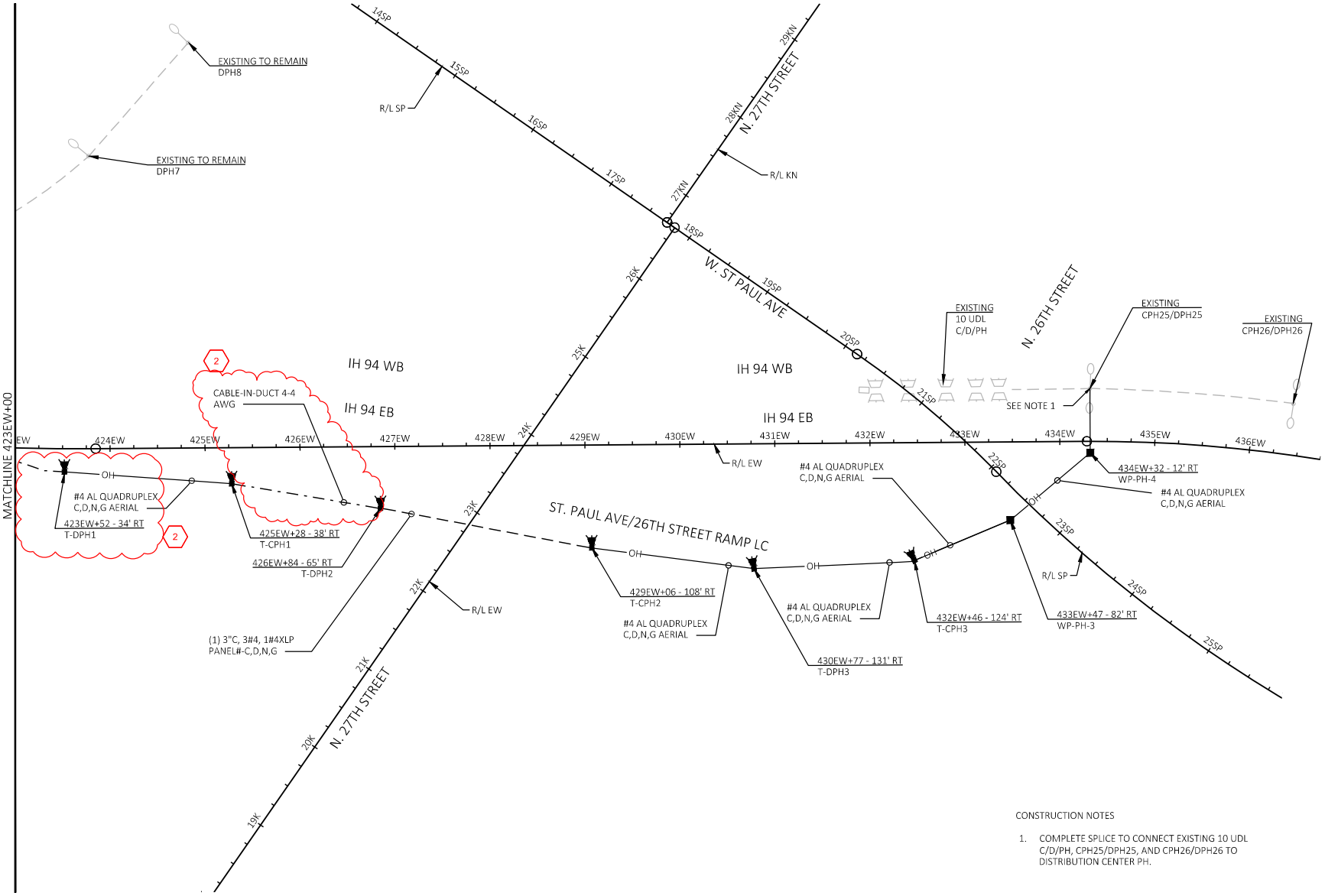
CONSTRUCTION NOTES

1. COMPLETE SPLICE TO CONNECT EXISTING 10 UDL C/D/PH, CPH25/DPH25, AND CPH26/DPH26 TO DISTRIBUTION CENTER PH.

PROJECT NO: 1060-27-74	HWY: I-94	COUNTY: MILWAUKEE	TEMPORARY LIGHTING LEFT-IN-PLACE PLAN	SHEET 204	E

FILE NAME : C:\USERS\TKACHUT\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\LIGHTING\10602709A-023601-LP.DWG
LAYOUT NAME - ELA - (02) 100
PLOT DATE : 8/25/2025 9:47 AM
PLOT BY : TKACHUK, TYLER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



CONSTRUCTION NOTES

1. COMPLETE SPLICE TO CONNECT EXISTING 10 UDL C/D/PH, CPH25/DPH25, AND CPH26/DPH26 TO DISTRIBUTION CENTER PH.

Addendum No. 02
ID 1060-27-74
Revised Sheet 205
August 28, 2025

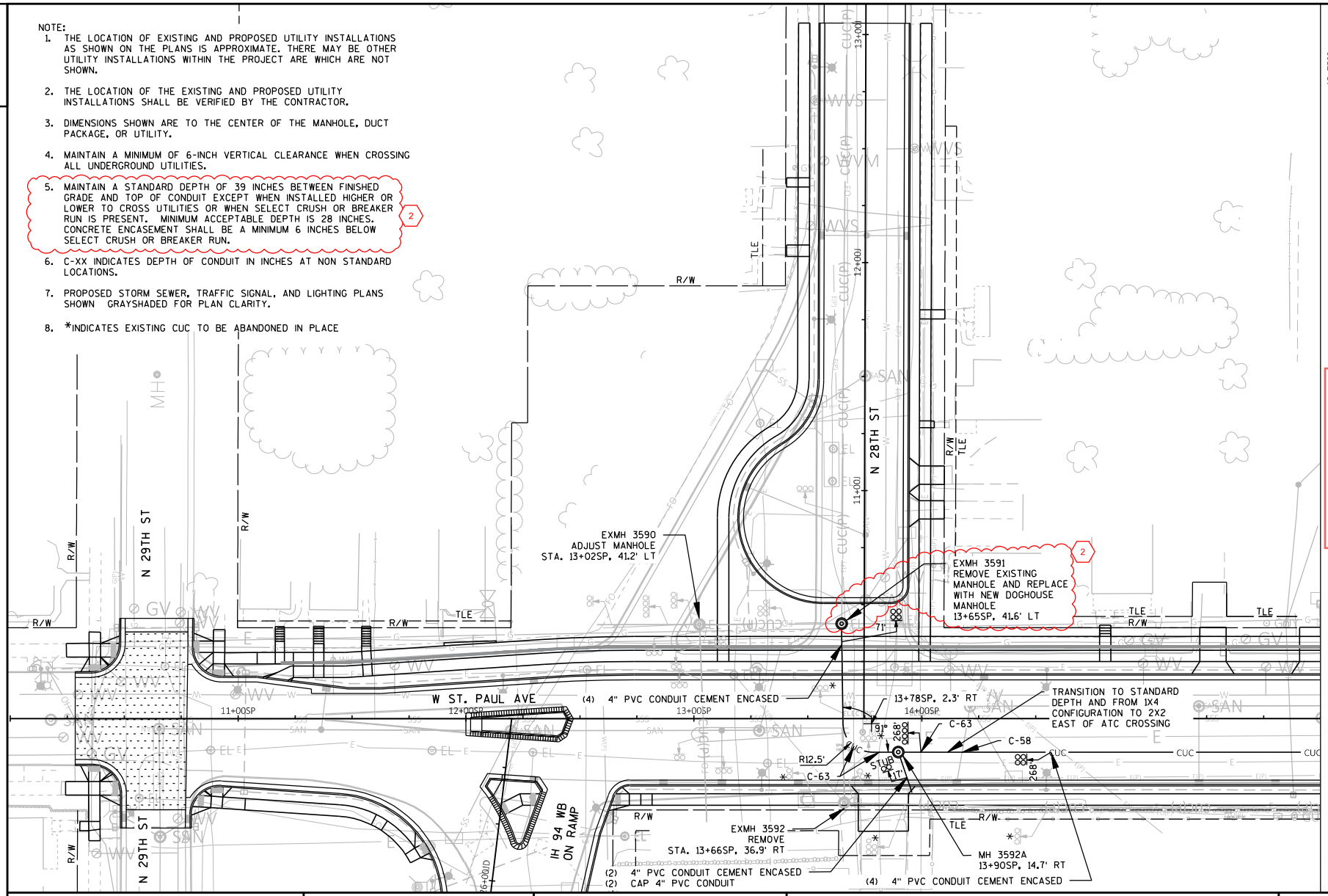
PROJECT NO: 1060-27-74	HWY: I-94	COUNTY: MILWAUKEE	TEMPORARY LIGHTING LEFT-IN-PLACE PLAN - SCHEMATIC	SHEET 205	E

FILE NAME : C:\USERS\TKACHUT\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\LIGHTING\10602709A-023603-LP.DWG
LAYOUT NAME - ELA - (02) 100
PLOT DATE : 8/25/2025 9:50 AM
PLOT BY : TKACHUK, TYLER
PLOT NAME :
PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

NOTE:

1. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT ARE WHICH ARE NOT SHOWN.
2. THE LOCATION OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS SHALL BE VERIFIED BY THE CONTRACTOR.
3. DIMENSIONS SHOWN ARE TO THE CENTER OF THE MANHOLE, DUCT PACKAGE, OR UTILITY.
4. MAINTAIN A MINIMUM OF 6-INCH VERTICAL CLEARANCE WHEN CROSSING ALL UNDERGROUND UTILITIES.
5. MAINTAIN A STANDARD DEPTH OF 39 INCHES BETWEEN FINISHED GRADE AND TOP OF CONDUIT EXCEPT WHEN INSTALLED HIGHER OR LOWER TO CROSS UTILITIES OR WHEN SELECT CRUSH OR BREAKER RUN IS PRESENT. MINIMUM ACCEPTABLE DEPTH IS 28 INCHES. CONCRETE ENCASEMENT SHALL BE A MINIMUM 6 INCHES BELOW SELECT CRUSH OR BREAKER RUN. 2
6. C-XX INDICATES DEPTH OF CONDUIT IN INCHES AT NON STANDARD LOCATIONS.
7. PROPOSED STORM SEWER, TRAFFIC SIGNAL, AND LIGHTING PLANS SHOWN GRAYSHADED FOR PLAN CLARITY.
8. *INDICATES EXISTING CUC TO BE ABANDONED IN PLACE



Addendum No. 02
ID 1060-27-74
Revised Sheet 217
August 28, 2025

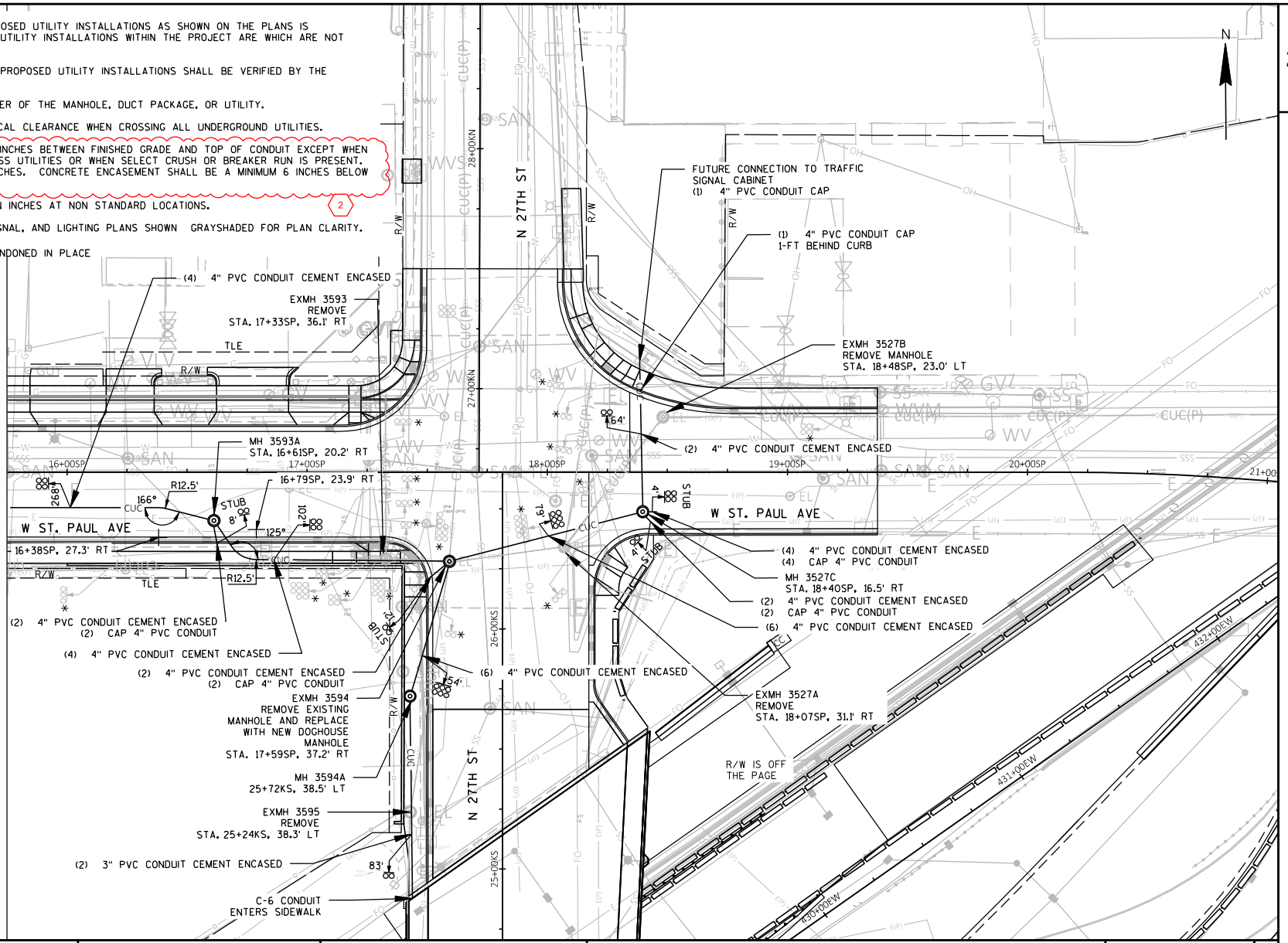
PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	CITY UNDERGROUND CONDUIT PLAN CUC-1	SHEET 217	E

FILE NAME : C:\USERS\MJMAY\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\DSGN\EDGELINE\CUC\27THANDST.PAUL_CUC.DWG
LAYOUT NAME - CUC_1
PLOT DATE : 8/25/2025 1:14 PM
PLOT BY : MATTHEW MAY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE:

1. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT ARE WHICH ARE NOT SHOWN.
2. THE LOCATION OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS SHALL BE VERIFIED BY THE CONTRACTOR.
3. DIMENSIONS SHOWN ARE TO THE CENTER OF THE MANHOLE, DUCT PACKAGE, OR UTILITY.
4. MAINTAIN A MINIMUM OF 6-INCH VERTICAL CLEARANCE WHEN CROSSING ALL UNDERGROUND UTILITIES.
5. MAINTAIN A STANDARD DEPTH OF 39 INCHES BETWEEN FINISHED GRADE AND TOP OF CONDUIT EXCEPT WHEN INSTALLED HIGHER OR LOWER TO CROSS UTILITIES OR WHEN SELECT CRUSH OR BREAKER RUN IS PRESENT. MINIMUM ACCEPTABLE DEPTH IS 28 INCHES. CONCRETE ENCASEMENT SHALL BE A MINIMUM 6 INCHES BELOW SELECT CRUSH OR BREAKER RUN.
6. C-XX INDICATES DEPTH OF CONDUIT IN INCHES AT NON STANDARD LOCATIONS. 2
7. PROPOSED STORM SEWER, TRAFFIC SIGNAL, AND LIGHTING PLANS SHOWN GRAYSHADED FOR PLAN CLARITY.
8. *INDICATES EXISTING CUC TO BE ABANDONED IN PLACE



Addendum No. 02
ID 1060-27-74
Revised Sheet 218
August 28, 2025

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	CITY UNDERGROUND CONDUIT PLAN CUC - 2	SHEET 218	E

FILE NAME : C:\USERS\MJMAY\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\DSGN\EDGELINE\CUC\27THANDST.PAUL_CUC.DWG
LAYOUT NAME - CUC_2
PLOT DATE : 8/25/2025 1:15 PM
PLOT BY : MATTHEW MAY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

REMOVING CONCRETE PAVEMENT

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.0100 REMOVING CONCRETE PAVEMENT SY
1	**MAINLINE**					
	IH 94					
		11TEB+74	-	25TEB+55	LT/RT	1,440
	RAMPS					
	RAMP LC					
		21TEB+39	-	24TEB+59	LT/RT	1,668
	SUBTOTAL					**3,108**
2	**MAINLINE**					
	IH 94					
		10TEB+95	-	24TEB+62	LT	1,762
	SUBTOTAL					**1,762**
3	**MAINLINE**					
	IH 94					
		21TEB+11	-	23TEB+24	LT	304
	LOCAL ROADS					
	W ST PAUL AVENUE					
		10SP+25	-	19SP+49	LT/RT	5,376
	N 28TH STREET					
		10J+39	-	13J+05	LT/RT	1,668
	N 27TH STREET					
		24KS+96	-	26KS+32	LT/RT	945
	RAMPS					
	RAMP JD					
		100TJD+63	-	103TJD+37	LT/RT	1,049
	SUBTOTAL					**9,342**
3B	**LOCAL ROADS**					
	W ST PAUL AVENUE					
		16SP+13	-	19SP+49	LT/RT	1,531
	SUBTOTAL					**1,531**
4	**MAINLINE**					
	IH 94					
		17TEB+02	-	22TEB+06	LT	2,488
	SUBTOTAL					**2,488**
	UNDISTRIBUTED					**1,539**
	TOTAL					**19,770**

2

REMOVING ASPHALT

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0120* REMOVING ASPHALTIC SURFACE MILLING SY
1	**MAINLINE**						
	IH 94	22TEB+94	-	23TEB+93	RT	4,260	--
	SUBTOTAL					**4,260**	**--**
2	**MAINLINE**						
	IH 94						
		17TEB+00	-	23TEB+06	LT	--	1,760
	SUBTOTAL					**--**	**1,760**
3	**LOCAL ROADS**						
	N 28TH STREET						
		13J+05	-	14J+60	RT/LT	--	620
	W ST PAUL AVENUE						
		15SP+84	-	16SP+15	LT	30	--
	N 29TH STREET	-	-	-	RT/LT	--	50
	SUBTOTAL					**30**	**670**
	IH 94 MILL/OVERLAY	STADIUM INTERCHANGE	-	MARQUETTE INTERCHANGE		--	92,290
	TOTAL					**4,290**	**94,720**

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

Addendum No. 02
ID 1060-27-74
Revised Sheet 367
August 28, 2025

CATEGORY 1000 UNLESS OTHERWISE NOTED

REMOVING CONCRETE SIDEWALK

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.0155 REMOVING CONCRETE SIDEWALK SY	204.9060.S.0001 REMOVING STEPS RAILING EACH	REMARKS
3	**LOCAL ROADS**							
	W ST PAUL AVENUE							
		10SP+25	-	19SP+49	LT/RT	672	2	
	N 28TH STREET							
		10J+39	-	13J+05	LT/RT	336	--	
	N 27TH STREET							
		24KS+96	-	26KS+32	LT/RT	177	--	
	SUBTOTAL					**1,185**	**2**	
3B	**LOCAL ROADS**							
	W ST PAUL AVENUE							
		16SP+13	-	19SP+49	LT	375	--	INCLUDES N. 27TH ST
	SUBTOTAL					**375**	**--**	
	TOTAL					**1,560**	**2**	

REMOVING BOLLARD

2

STAGE	ROADWAY	STATION	OFFSET	204.9060.S.0002 REMOVING BOLLARD EACH
1	**LOCAL ROADS**			
	W ST PAUL AVENUE			
		20TLC+08	60' RT	2
	TOTALS			**2**

REMOVING LANDSCAPE ROCK

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.9165.S.0002 REMOVING LANDSCAPE ROCK SF
3	**LOCAL ROADS**					
	W ST PAUL AVENUE					
		14SP+05	-	16SP+60	RT	1,360
	TOTALS					**1,360**

REMOVING CONCRETE BARRIER

STAGE	ROADWAY	STATION	OFFSET	TO	STATION	OFFSET	204.0157 REMOVING CONCRETE BARRIER LF	SPV.0060.0122 SAWING CONCRETE BARRIER EACH
1	**MAINLINE**							
	IH 94							
		19TEB+98	10.7' LT	-	21TEB+39	18.1' RT	145	--
		23TEB+66	20.9' RT	-	25TEB+12	41.3' RT	145	1
2	**MAINLINE**							
	IH 94							
		110TWB+98	4.2' RT	-	113TWB+74	4.2' RT	277	1
		110TWB+98	8.4' RT	-	113TWB+74	8.4' RT	277	1
		113TWB+74	6.3' RT	-	120TWB+78	6.3' RT	705	--
		120TWB+78	8.4' RT	-	124TWB+49	8.4' RT	373	1
		122TWB+02	4.2' RT	-	124TWB+49	4.2' RT	248	1
	TOTAL						**2,170**	**5**

REMOVING GUARDRAIL

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.0165 REMOVING GUARDRAIL LF
1	**MAINLINE**					
	IH 94					
		415EW+29	-	15TEB+51	RT	757
		21TEB+40	-	25TEB+12	RT/LT	83
	RAMP LC					
		21TLC+37	-	25TLC+49	LT/RT	418
		24TLC+15	-	25TLC+59	LT	142
	TOTAL					**1,400**

Addendum No. 02
ID 1060-27-74
Revised Sheet 369
August 28, 2025

CATEGORY 1000 UNLESS OTHERWISE NOTED

LIGHTING REMOVAL

CATEGORY	STAGE	DESCRIPTION	204.0195* REMOVING CONCRETE BASES EACH	204.9060.S.1002 REMOVING LIGHTING UNITS EACH	653.0905 REMOVING PULL BOXES EACH	659.5000.S* LAMP, BALLAST, LED SWITCH DISPOSAL BY CONTRACTOR EACH	COMMENTS
1100							
	2	CPH3/DPH3	1	2		2	
	2	LPB-PH-1			1		
	2	CPH20/DPH20	1	2		2	
	2	CPH22/DPH22	1	2		2	
	2	CPH23/DPH23	1	2		2	
	2	LPB-PH-2			1		
	2	CPH24/DPH24	1	2		2	
	2	UNDERDECK LIGHTING				2	
	2	CPH9	1	1		1	
	2	CPH8	1	1		1	
	2	CPH7	1	1		1	
	3	#275		1		1	
	3	#319		1		1	
	3	#310		1		1	
	3	#324		1		1	
	3	#331	1	1		1	
	3	#349		1		1	CONCRETE BASE SEE SIGNAL MQ SHEET
	3	#2717	1	1		1	
	3	#2700		1		1	CONCRETE BASE SEE SIGNAL MQ SHEET
	3	#400		2		2	CONCRETE BASE SEE SIGNAL MQ SHEET
	3	#350		1		1	CONCRETE BASE SEE SIGNAL MQ SHEET
	3	#340	1	1		1	
	3	#2800	1	1		1	
	3	#2826	1	2		2	
	3	#2900	1	1		1	
	3	#2806	1	1		1	
	3	#416	1	2		2	
	3	#434	1	1		1	
	3	#2732	1	1		1	
	3	#345	1	1		1	
	3	EX-PB2			1		
		TOTALS	**18**	**35**	**3**	**35**	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

LIGHTING EQUIPMENT 32ND STREET

CATEGORY	STAGE	DESCRIPTION	STA	OFF	659.1215 LUMINAIRES UNDERDECK LED C EACH	659.0601 UNDERDECK LIGHTING B-40-0015 EACH	COMMENTS
1100	1						
		UDL1			1		EXISTING STRUCTURE MOUNTED B-40-0015
		UDL2			1		EXISTING STRUCTURE MOUNTED B-40-0015
		32TH BRIDGE				1	
		TOTALS			**2**	**1**	

ALL ITEMS ARE CATEGORY 1100

LIGHTING EQUIPMENT - TEMPORARY LIGHTING

CATEGORY	STAGE	DESC	STA	OFF	SPV.0060.1001 POLES WOOD 60-FT EACH	SPV.0060.1002 WOOD POLE LIGHTING 60-FT EACH	SPV.0060.1004 LUMINAIRES UTILITY FLOODLIGHT EACH	NOTES
1100	1A-1B							
		WP-PH1	417EW+04	153'LT	1			HL-40-PH
		T-CPH1	419EW+02	180'LT		1	1	HL-40-PH
		T-CPH2	421EW+22	159'LT		1	1	HL-40-PH
		WP-PH2	417EW+28	18'LT	1			HL-40-PH
		T-DPH1	423EW+52	24'RT		1	1	HL-40-PH
		T-CPH1	425EW+28	38'RT		1	1	HL-40-PH
		T-DPH3	426EW+84	65'RT		1	1	HL-40-PH
		T-CPH2	429EW+06	108'RT		1	1	HL-40-PH
		T-DPH3	430EW+77	131'RT		1	1	HL-40-PH
		T-CPH3	432EW+46	124'RT		1	1	HL-40-PH
		WP-PH3	433EW+47	82'RT	1			HL-40-PH
		WP-PH4	434EW+32	12'RT	1			HL-40-PH
		TOTALS			**4**	**8**	**8**	

2

TEMPORARY LEFT-IN-PLACE LIGHTING CONDUIT AND CABLE

CATEGORY	STAGE	LOC.	TO LOC.	652.0235* CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	655.0144 CABLE IN DUCT 4-4 AWG LF	655.0630 ELECTRICAL WIRE LIGHTING 4 AWG LF	SPV.0090.1013* CABLE AERIAL ALUM 4AWG QUADRUPLEX LEFT IN PLACE LF	COMMENTS
1100	1							
		CPH2/DPH2	WP-PH-1				80	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		WP-PH-1	T-CPH1				187	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		T-CPH1	DPH5				70	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		DPH4	T-CPH2	40		160		TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		CPH2/DPH2	WP-PH-2				64	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		WP-PH-2	T-DPH1		625			TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		T-DPH1	T-CPH1				178	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		T-CPH1	T-DPH2		157			TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		T-DPH2	T-CPH2	223		669		TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		T-CPH2	T-DPH3				169	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		T-DPH3	T-CPH3				168	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		T-CPH3	WP-PH-3				110	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		WP-PH-3	WP-PH-4				110	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		WP-PH-4	CPH25/DPH25				68	TEMPORARY LEFT-IN-PLACE (HL-40-PH)
		TOTALS		**263**	**782**	**829**	**1,204**	--

2 2 2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

Addendum No. 02
ID 1060-27-74
Revised Sheet 413
August 28, 2025

CITY OF MILWAUKEE - WATER

CATEGORY	STAGE	ROADWAY	STATION	OFFSET	TO STATION	OFFSET	SPV.0060.5000 INSTALLING HYDRANT EACH	SPV.0060.5001 REMOVING HYDRANT/MAJOR EACH	SPV.0060.5002 INSTALLING HYDRANT - ALTERATION EACH	SPV.0060.5003 ADJUSTING WATER VALVE BOXES EACH	SPV.0060.5004 CONNECT ORIGINAL SERVICE (C.O.S.) EACH	SPV.0090.5000 DUCTLE IRON (DI) AWWA C-151 CLASS 55 WATER MAIN 6-INCH LF	SPV.0090.5001 DUCTLE IRON (DI) AWWA C-151 CLASS 55 WATER MAIN 12-INCH LF	SPV.0090.5002 DUCTILE IRON HYDRANT BRANCH 6-INCH LF
7000														
		W. ST PAUL AVE.												
			11SP+25.20	10.4'LT	11SP+51.10	10.4'LT	--	--	--	--	--	28	--	--
			11SP+41.83	8.4'LT			--	--	--	--	1	--	--	--
			13SP+39.90	23.0'LT			1	--	--	--	--	6	--	13
			14SP+12.89	28.98'LT			--	1	--	--	--	--	--	--
		N. 27TH ST.												
			27KN+20.3	20'0'LT	27KN+49.0	20.0'LT	--	--	--	--	--	--	47 (2)	--
					UNDISTRIBUTED		--	--	1	24	--	--	--	--
						TOTALS	1	1	1	24	1	34	47	13

Addendum No. 02
ID 1060-27-74
Revised Sheet 424
August 28, 2025

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

CUC MANHOLES

ROADWAY	MANHOLE ID	LOCATION STATION	LOCATION OFFSET	204.0210* REMOVING MANHOLES EACH	SPV.0060.5200 MANHOLES TYPE TES 4-FT DIAMETER EACH	SPV.0060.5201 MANHOLES TYPE TES DOGHOUSE 4-FT DIAMETER EACH	SPV.0060.5202 MANHOLES TYPE TES 5-FT DIAMETER EACH	SPV.0060.5204 REMOVING CUC MANHOLES EACH	SPV.0060.5210 INSTALL CEMENT ENCASED CONDUIT INTO EXISTING MANHOLE EACH	SPV.0060.5212 ADJUSTING TES MANHOLE EACH
W ST. PAUL AVE	MH 3592A	13+90SP	14.7' RT	--	--	--	1	--	--	--
W ST. PAUL AVE	MH 3592	13+66SP	36.9' RT	1	--	--	--	--	--	--
W ST. PAUL AVE	EXMH 3590	13+02SP	41.2' LT	--	--	--	--	--	--	1
W ST. PAUL AVE	EXMH 3591	13+65SP	41.6' LT	--	--	1	--	1	1	--
W ST. PAUL AVE	MH 3593A	16+61SP	20.2' RT	--	1	--	--	--	--	--
W ST. PAUL AVE	EXMH 3593	17+33SP	36.1' RT	1	--	--	--	--	--	--
W ST. PAUL AVE	EXMH 3594	17+59SP	37.2' RT	--	--	1	--	1	--	--
W ST. PAUL AVE	EXMH 3527A	18+07SP	31.1' RT	1	--	--	--	--	--	--
W ST. PAUL AVE	EXMH 3527B	18+48SP	23.0' LT	1	--	--	--	--	--	--
W ST. PAUL AVE	MH 3527C	18+40SP	16.5' RT	--	1	--	--	--	--	--
N 27TH ST	MH 3594A	25+72KS	38.5' LT	--	1	--	--	--	--	--
N 27TH ST	EXMH 3595	25+24KS	38.3' LT	1	--	--	--	--	--	--
			TOTAL	5	3	2	1	2	1	1

2 2 2

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONDUIT

ROADWAY	FROM	TO	SPV.0090.5200 2-DUCT CONDUIT CEMENT ENCASED 4-INCH CONDUIT DB-60 LF	SPV.0090.5201 4-DUCT CONDUIT CEMENT ENCASED 4-INCH CONDUIT DB-60 LF	SPV.0090.5202 6-DUCT CONDUIT CEMENT ENCASED 4-INCH CONDUIT DB-60 LF	SPV.0090.5203 2-DUCT CONDUIT CEMENT ENCASED 3-INCH CONDUIT DB-60 LF
W ST. PAUL AVE	STUB	MH 3592A	17	--	--	--
W ST. PAUL AVE	EXMH 3591	MH 3592A	--	71	--	--
W ST. PAUL AVE	MH 3592A	MH 3593A	--	268	--	--
W ST. PAUL AVE	MH 3593A	STUB	8	--	--	--
W ST. PAUL AVE	MH 3593A	EXMH 3594	--	102	--	--
W ST. PAUL AVE	EXMH 3594	MH 3527C	--	--	79	--
W ST. PAUL AVE	MH 3527C	STUB FOR CB1	64	--	--	--
W ST. PAUL AVE	MH 3527C	STUB	--	4	--	--
W ST. PAUL AVE	MH 3527C	STUB	4	--	--	--
N 27TH ST	EXMH 3594	MH 3594A	--	--	54	--
N 27TH ST	EXMH 3594	STUB	12	--	--	--
N 27TH ST	MH 3594A	STRUCTURE B40-1083	--	--	--	83
		TOTALS	105	445	133	83

Addendum No. 02
ID 1060-27-74
Revised Sheet 425
August 28, 2025

ALL ITEMS CATEGORY 7010
UNLESS NOTED OTHERWISE

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 425	E

pw:\\ProjectWiseAMER.jacobs.com:DEN003\Documents\D3393900 - I-94 East-West Data Collection\Work in Progress\I-94 East-West\J. Road Plans\Design\CUC\EarlyEastLegCUC_mq.xlsx
PLOT DATE : 8/25/2025 1:21:54 PM PLOT BY : HNTB PLOT NAME : 030241_mq_sp1 PLOT SCALE : 1:1

Addendum No. 02
ID 1060-27-74
Revised Sheet 829
August 28, 2025

STATE PROJECT NUMBER
1060-27-74

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BEVEL EXPOSED EDGES OF CONCRETE ¾", UNLESS NOTED OTHERWISE.

REFER TO SPECIAL PROVISIONS FOR INTERIM COMPLETION DATES.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), MILWAUKEE COUNTY ZONE, NAD 83 (2007). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD 88 (2007).

ALL DIMENSIONS ARE ALONG THE FRONT FACE OF WALL, UNLESS SHOWN OTHERWISE.

ALL BAR STEEL REINFORCEMENT IS TO BE EPOXY COATED. BAR STEEL REINFORCEMENT SHALL HAVE 2" CLEAR COVER, UNLESS SHOWN OTHERWISE.

THE EXISTING GROUND LINE SHALL BE THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-761)".

THE CONTRACTOR MUST COORDINATE THE REMOVAL OF EXISTING STRUCTURE B-40-513_5 AND CONSTRUCTION OF THE BRIDGE B-40-1083 WITH CONSTRUCTION OF RETAINING WALLS R-40-761 AND R-40-767. THE EXISTING BRIDGE B-40-513_5 IS A FOUR-SPAN STEEL PLATE GIRDER BRIDGE.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE. UTILITIES LABELED AS PROPOSED MAY BE INSTALLED BY OTHERS PRIOR TO THIS CONTRACT.

NAME PLATE SHALL BE CONSIDERED INCIDENTAL TO ITEM 504.0500 "CONCRETE MASONRY RETAINING WALLS". FABRICATE IN ACCORDANCE TO SDD.12 A 3-10.

HAZMAT CONTAMINATED SOIL EXISTS FROM APPROXIMATELY STA 2008+70 TO STA 2013+25. HAULING AND DISPOSAL OF THE TOP 25' (OR TO A DEPTH DIRECTED BY THE WISDOT BTS ENVIRONMENTAL CONSULTANT) OF CONTAMINATED MATERIAL REMOVED DURING "FOUNDATION DRILLING", "TIEBACK ANCHORS", "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-761)" AND "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF (R-40-761)" ARE INCLUDED IN "EXCAVATION, HAULING AND REUSE OF LOW-LEVEL PETROLEUM CONTAMINATED SOIL". HAULING AND DISPOSAL OF THE REMAINING CONTAMINATED EARTHWORK/SPOILS ARE INCLUDED IN "EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL", "MANAGEMENT OF SOLID WASTE - GREVES ST, WEST OF 27TH ST" OR "MANAGEMENT OF SOLID WASTE - GREVES ST, EAST OF 27TH ST". SEE ROADWAY PLANS FOR THE LIMITS OF HAZMAT CONTAMINATED SOIL.

SOLDIER PILE WALL NOTES

FLOWABLE BACKFILL AND CLSM ARE INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-761)". SEE SPECIAL PROVISIONS FOR DESCRIPTION OF FLOWABLE BACKFILL AND CLSM.

TIMBER LAGGING DESIGN ASSUMES NO R-40-767 CONSTRUCTION AND NO LIVE LOAD PRESENT ON TOP OF WALL PRIOR TO CAST IN PLACE CONCRETE FACING BEING INSTALLED AND REACHING DESIGN STRENGTH. IF THESE ASSUMPTIONS ARE NOT MET THE CONTRACTOR WILL BE RESPONSIBLE FOR THE DESIGN AND THE COST OF MODIFICATIONS TO THE TIMBER LAGGING.

SURFACE PREP AND PAINT SOLDIER PILES FROM TOP OF PILE TO 1'-0" BELOW TOP OF FOOTING WITH ONE COAT OF ZINC-RICH PRIMER AS SPECIFIED IN SECTION 517 OF THE STANDARD SPECIFICATIONS. WELDED STUD SHEAR CONNECTORS ARE NOT REQUIRED TO BE PAINTED. PAINTING OF PILES IS MEASURED AND PAID FOR AS BID ITEM NUMBER 517.0600, PAINTING EPOXY SYSTEM R-40-761.

THE EARTHWORK REQUIRED TO INSTALL THE SOLDIER PILES, FOOTINGS, TIEBACK ANCHORS, AND WALL FACING IS INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-761)". ALL EARTHWORK IN FRONT OF THE RETAINING WALL IS INCLUDED IN THE ROADWAY BID ITEM "COMMON EXCAVATION". SEE EXCAVATION DETAILS ON SHEET 6 AND ROADWAY PLANS FOR EXCAVATION LIMITS.

"STRUCTURAL STEEL HS SOLDIER PILES DELIVERED" ESTIMATED QUANTITY IS BASED ON MAXIMUM PILE LENGTH REQUIRED IF BEDROCK IS NOT ENCOUNTERED.

"STRUCTURAL STEEL HS SOLDIER PILES INSTALLED", "FOUNDATION DRILLING" AND "CONCRETE MASONRY SOLDIER PILE FOOTINGS" QUANTITY ESTIMATES ARE BASED ON THE ASSUMPTION BEDROCK IS ENCOUNTERED AT ESTIMATED ELEVATIONS AND ARE TO BE PAID BASED UPON QUANTITY INSTALLED.

MSE WALL NOTES

MSE RETAINING WALL SOIL REINFORCEMENT MAY BE PLACED UP TO A MAXIMUM OF 15° FROM PERPENDICULAR IF NECESSARY TO AVOID INTERFERENCE WITH ITEMS BEHIND THE WALL. ANGLES GREATER THAN 15° REQUIRE APPROVAL FROM THE BUREAU OF STRUCTURES DESIGN SECTION.

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE MSE RETAINING WALL IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE MSE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS IS INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF (R-40-761)".

THE COST OF FURNISHING AND PLACING THE UNREINFORCED CONCRETE LEVELING PAD UNDER THE MSE PRECAST WALL PANELS IS INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF (R-40-761)".

THE VOLUME OF EARTHWORK REQUIRED TO INSTALL THE UNREINFORCED CONCRETE LEVELING PAD, BACKFILL, ANCHORS AND REINFORCING STRIPS IS INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-761)". SEE WALL EXCAVATION LIMITS DIAGRAM ON SHEET 6 FOR DETAILS.

THE PLAN QUANTITY FOR THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF (R-40-761)" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE LEVELING PAD TO THE TOP OF WALL AS SHOWN IN THE PLANS. THE TOP OF LEVELING PAD IS ASSUMED TO BE A MINIMUM OF 2'-0" BELOW FINISHED GRADE AND 6" BELOW EXISTING GRADE. WALL AREAS CONSTRUCTED OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT.

PLANS, ELEVATIONS, AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE MSE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE MSE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

PLAN DIMENSIONS, QUANTITIES AND REINFORCEMENT DETAILS FOR THE MSE RETAINING WALL ARE BASED ON AN ASSUMED MAXIMUM CONCRETE WALL PANEL THICKNESS OF 6 INCHES. FOR PANEL THICKNESSES DIFFERENT THAN 6 INCHES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

ONLY WALL CONCRETE PANEL MSE WALL SYSTEMS THAT USE STRIP TYPE SOIL REINFORCEMENT THAT ARE HINGED AT THE PANEL CONNECTION CAN BE USED FOR THIS PROJECT.

THE STANDARD PANEL SIZE SHALL BE 5' HIGH x 10' WIDE. 5' HIGH x 5' WIDE PANELS WILL NOT BE ALLOWED.

THE QUANTITIES OF CONCRETE MASONRY AND BAR STEEL REINFORCEMENT FOR THE UNIT 2 CAST-IN-PLACE COPING ARE INCIDENTAL TO BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABALIZED EARTH, LFCF".

THE COST OF FURNISHING AND PLACING LIGHTWEIGHT FOAMED CONCRETE FILL (LFCF) WITHIN THE REINFORCED SOIL ZONE IS TO BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF". SEE ROADWAY PLANS FOR THE QUANTITY OF LIGHTWEIGHT FOAMED CONCRETE FILL OUTSIDE OF THE REINFORCED SOIL ZONE.

LIGHTWEIGHT FOAMED CONCRETE FILL (LFCF) SHALL BE PLACED IN LIFTS NOT EXCEEDING 4 FEET IN DEPTH. EACH SUCCESSIVE LIFT WILL BE PLACED AFTER A MINIMUM OF 24 HOURS.

THE CONTRACTOR SHALL PROVIDE SUITABLE SUPPORTS FOR THE MSE REINFORCING STRIPS AND FACING PANELS DURING PLACEMENT OF LIGHTWEIGHT FOAMED CONCRETE FILL.

DESIGN DATA

DESIGN SPECIFICATION:
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION, 2020

LIVE LOAD:
LIVE LOAD SURCHARGE (ROADWAY) _____ 240 PSF
LIVE LOAD SURCHARGE (NON-ROADWAY) _____ 100 PSF
LIVE LOAD SURCHARGE (CONSTRUCTION) _____ 100 PSF

MATERIAL PROPERTIES:
CONCRETE MASONRY:
CONCRETE MASONRY RETAINING WALL _____ f'c = 4,000 PSI
PRECAST CONCRETE WALL PANELS _____ f'c = 4,000 PSI
CONCRETE MASONRY SOLDIER PILE FOOTINGS _____ f'c = 3,500 PSI
BAR STEEL REINFORCEMENT:
GRADE 60 _____ fy = 60,000 PSI
HIGH STRENGTH STRUCTURAL STEEL:
ASTM A709, GRADE 50 _____ fy = 50,000 PSI

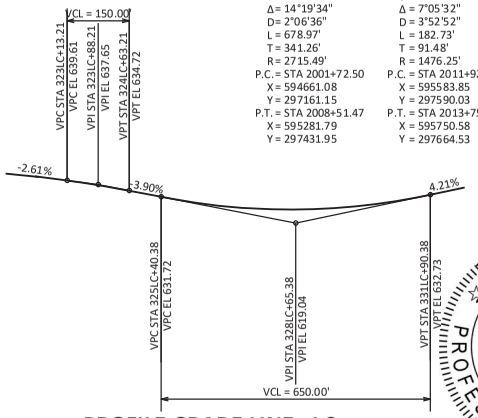
* TIMBER LAGGING fbo = 1,200 PSI
E = 1,700,000 PSI

* MATERIAL VALUES BASED ON DOUGLAS FIR-LARCH NO.1, >2" WIDE, REFERENCE AASHTO LRFD SPECIFICATION TABLE 8.4.1.1.4-1

DESIGN UNIT 2 MSE WALL FOR A HORIZONTAL BACKSLOPE BEHIND THE WALL AND A LIVE LOAD VERTICAL SURCHARGE OF 240 PSF.

HORIZONTAL CURVE DATA

WALL CURVE 1	WALL CURVE 2	WALL CURVE 3
P.I. = STA 2005+13.76	P.I. = STA 2012+83.88	P.I. = STA 2015+99.32
X = 594988.45	X = 595664.90	X = 595962.42
Y = 297257.55	Y = 297632.44	Y = 297737.46
Δ = 14°19'34"	Δ = 7°05'32"	Δ = 21°14'22"
D = 2°06'36"	D = 3°52'52"	D = 13°08'56"
L = 678.97'	L = 182.73'	L = 161.53'
T = 341.26'	T = 91.48'	T = 81.70'
R = 2715.49'	R = 1476.25'	R = 435.75'
P.C. = STA 2001+72.50	P.C. = STA 2011+92.40	P.C. = STA 2015+17.61
X = 594661.08	X = 595583.85	X = 595884.01
Y = 297161.15	Y = 297590.03	Y = 297714.50
P.T. = STA 2008+51.47	P.T. = STA 2013+75.13	P.T. = STA 2016+79.14
X = 595281.79	X = 595750.58	X = 596027.18
Y = 297431.95	Y = 297664.53	Y = 297787.27



WALL EXTERNAL STABILITY EVALUATION

WALL DIMENSIONS [1]		
R/L RETAINING WALL STATION	STA 2012+50	STA 2016+00
DESIGN WALL HEIGHT (FT) [2]	37.0	34.0
DESIGN EXPOSED WALL HEIGHT (FT)	35.0	32.0
REINFORCEMENT RATIO	0.60H [2]	0.60H [2]
WALL STATION	2012+30 TO 2015+00	2015+00 TO 2016+15
BORING USED	REFER TO GEOTECHNICAL REPORT	
CAPACITY TO DEMAND RATIO (CDR)		
SLIDING [3]	1.00	1.41
ECCENTRICITY [3]	>3.00	>3.00
BEARING [3]	1.08	1.18
GLOBAL STABILITY [3]	1.00	NP [4]

NOTES:
[1] THIS WALL IS PART OF A SUPERIMPOSED (TIERED) MSE WALL AND SHOULD BE DESIGNED AS ONE TIERED WALL.
[2] THE DESIGN WALL HEIGHT (H) FOR THE LOWER WALL EQUALS THE UPPER + LOWER WALL HEIGHT.
[3] THE CDR VALUES SHOWN ARE THE MINIMUM BETWEEN THE UNDRAINED AND DRAINED ANALYSIS.
[4] NP: NOT PERFORMED. GLOBAL STABILITY WAS NOT PERFORMED AT THIS SECTION. PREVIOUS SECTION IS MORE CRITICAL.

ESTIMATE OF QUANTITIES

ITEM NO.	BID ITEMS	UNIT	UNIT 1	UNIT 2	TOTAL
206.3001.0761	EXCAVATION FOR STRUCTURES RETAINING WALLS (R-40-761)	LS	---	---	1
501.1000.S	ICE HOT WEATHER CONCRETING	LB	27,490	---	27,490
502.0110.S.0761	CONCRETE MASONRY SOLDIER PILE FOOTINGS	CY	2,050	---	2,050
504.0500	CONCRETE MASONRY RETAINING WALLS	CY	1,615	---	1,615
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	175,250	---	175,250
506.3035	WELDED STUD SHEAR CONNECTORS 7/8 X 10-INCH	EACH	7,952	---	7,952
511.1200.0761	TEMPORARY SHORING R-40-761	SF	500	68	568
511.2200.0761	TEMPORARY SHORING LEFT IN PLACE R-40-761	SF	---	223	223
513.2001.0761	RAILING PIPE R-40-761	LF	1,230	385	1,615
516.0100	DAMPPROOFING	SY	---	642	642
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	5	5
517.0601	PAINTING EPOXY SYSTEM	EACH	1	---	1
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	380	75	455
612.0806	APRON ENDWALLS FOR UNDERDRAIN REINFORCED CONCRETE 6-INCH	EACH	3	1	4
SPV.0060.4400	TIE BACK ANCHORS	EACH	466	---	466
SPV.0060.4410	TIEBACK ANCHORS PERFORMANCE TESTS	EACH	25	---	25
SPV.0060.4800	RETAINING WALL INSTRUMENTATION R-40-761	EACH	1	---	1
SPV.0075.4010	OBSTRUCTIONS FOUNDATION DRILLING	HRS	120	---	120
SPV.0085.4000	STRUCTURAL STEEL HS SOLDIER PILES DELIVERED	LB	1,616,194	---	1,616,194
SPV.0085.4010	STRUCTURAL STEEL HS SOLDIER PILES INSTALLED	LB	1,460,116	---	1,460,116
SPV.0090.0260	PIPE UNDERDRAIN 6-INCH SPECIAL	LF	1,230	385	1,615
SPV.0090.4200	FOUNDATION DRILLING	LF	12,350	---	12,350
SPV.0110.4000	TIMBER LAGGING	MBM	119	---	119
SPV.0165.4000	GEOCOMPOSITE DRAIN BOARD	SF	30,533	---	30,533
SPV.0165.4761	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF (R-40-761)	SF	---	4,726	4,726
	NON-BID ITEMS				
	NON-BITUMINOUS JOINT FILLER	SIZE			1"
	CORK FILLER	SIZE			1"
	NAME PLATE	EACH			1
	EXPANDED POLYSTYRENE	SIZE			1"
	PREFORMED JOINT FILLER	SIZE			3/4"

ALL ITEMS ARE CATEGORY 3000

SOIL PARAMETERS

SOIL DESCRIPTION	UNIT WEIGHT (PCF)	UNDRAINED		DRAINED	
		FRICTION ANGLE (DEGREES)	COHESION (PSF)	FRICTION ANGLE (DEGREES)	COHESION (PSF)
NEW GRANULAR FILL	125	---	---	32	---
EXISTING BACKFILL	125	---	1250 - 2000	30	50
SOFT-MEDIUM STIFF CLAY	125	---	750 - 1000	28	0
PEAT AND ORGANIC	90	---	500	20	0
LOOSE TO MEDIUM DENSE SAND	120	---	---	29	0
GLACIAL TILL	135	---	3500	35	0

PROFILE GRADE LINE - LC

IH-94 EB EXIT RAMP TO 26TH ST AND ST PAUL AVE AT CONCLUSION OF FUTURE CONTRACT 1060-27-72

08/26/25

WISCONSIN
PAUL R. KRUM
E-43964-6
WAUKESHA
WI
8/19/2025
PROFESSIONAL ENGINEER

NO.	DATE	REVISION	BY
1	8/19/25	TIMBER LAGGING QUANTITY	PRK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-40-761

DRAWN BY MTZ | PLANS C'K'D PRK

GENERAL NOTES, QUANTITIES & PROFILE GRADE LINES

SHEET 5 OF 38

829

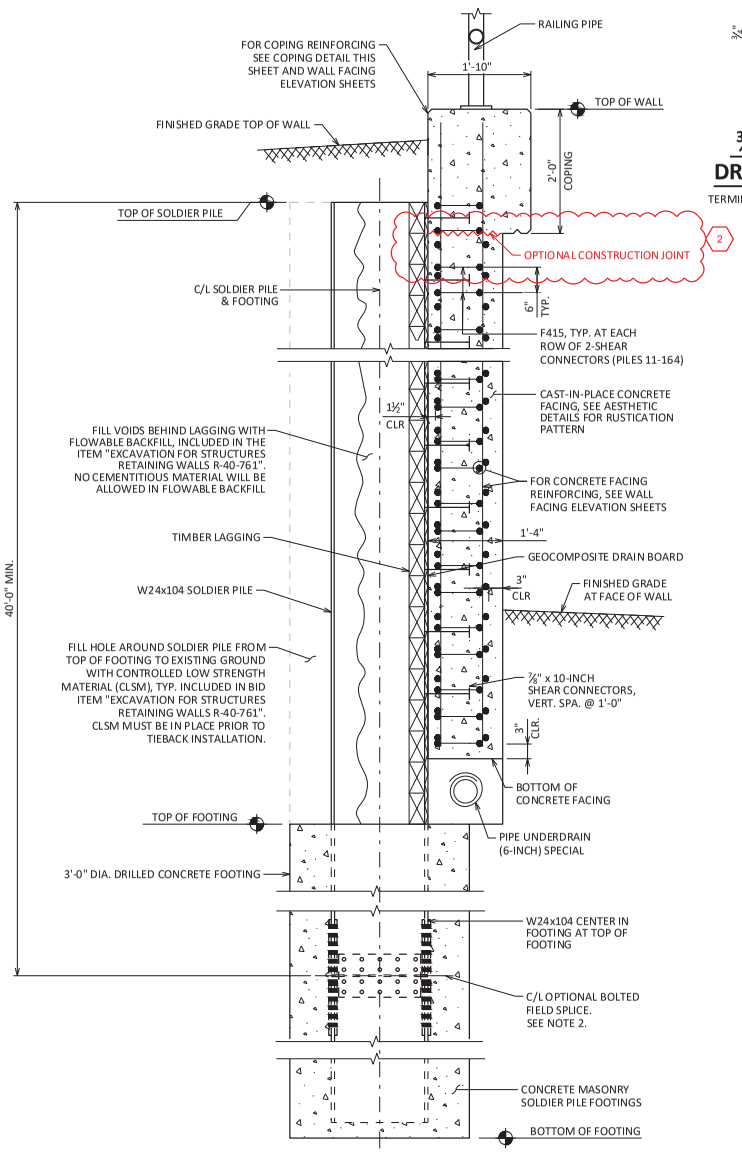
SCALE = N/A

8 8

FILE NAME : C:\USERS\ZIEGLEM2\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\STRUCTURES_SCRATCH\ZIEGLER\R0761_080105_GN.DWG
LAYOUT NAME - SHT_05

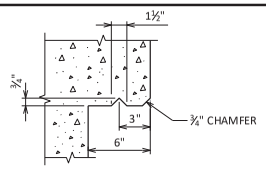
STATE PROJECT NUMBER

1060-27-74



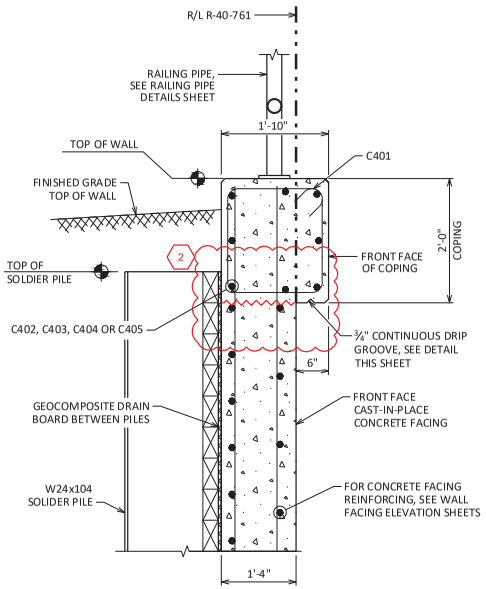
SOLDIER PILE AND WALL SECTION - UNIT 1

(COPING REINFORCEMENT NOT SHOWN)
(LOOKING EAST)



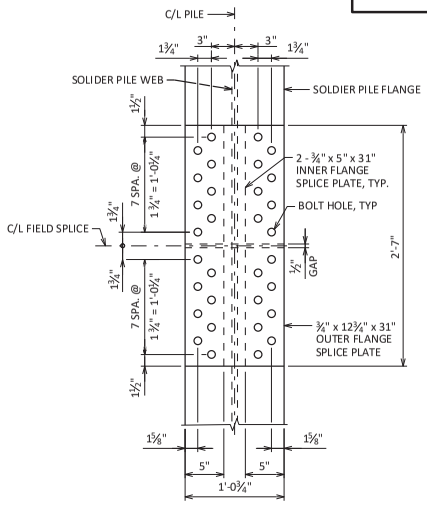
¾" CONTINUOUS DRIP GROOVE DETAIL

TERMINATE 2'-0" FROM BEGINNING OF WALL

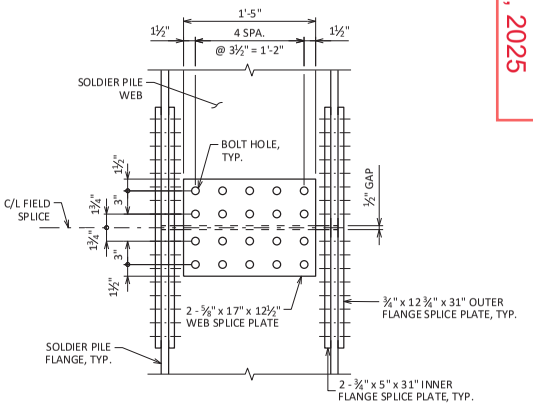


COPING DETAIL

UNIT 1



FIELD SPLICE FLANGE ELEVATION



FIELD SPLICE WEB ELEVATION

Addendum No. 02
ID 1060-27-74
Revised Sheet 846
August 28, 2025

WISCONSIN
PAUL R. KRUM
E-43964-6
WAUKESHA
WI
PROFESSIONAL ENGINEER
8/19/25

EMK
08/26/25

FIELD SPLICE NOTES

1. ALL BOLTS SHALL BE ¾" DIAMETER A325 IN STANDARD SIZED HOLES.
2. OPTIONAL BOLTED FIELD SPLICE MAY BE INSTALLED AT ANY LOCATION A MINIMUM OF 40'-0" FROM TOP OF PILE. A MAXIMUM OF ONE BOLTED FIELD SPLICE WILL BE PAID PER PILE. SEE SPLICE DETAILS THIS SHEET.

NO.	DATE	REVISION	BY
1	8/19/25	OPTIONAL CONSTRUCTION JOINT	PRK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-40-761-001

DRAWN BY GLM | PLANS CK'D PRK

WALL COPING, FACING & SOLDIER PILE DETAILS (1 OF 2)

SHEET 22 OF 38

846

SCALE = 1:8

8

8

FILE NAME : C:\USERS\ZIEGLEM2\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\STRUCTURES_SCRATCH\ZIEGLER\R0761_080322_DE.DWG
LAYOUT NAME - SHT_22

Proposal ID: 20250909007 **Project(s):** 1060-27-74

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	23.000 STA	_____.____	_____.____
0004	201.0120 Clearing	140.000 ID	_____.____	_____.____
0006	201.0205 Grubbing	23.000 STA	_____.____	_____.____
0008	201.0220 Grubbing	140.000 ID	_____.____	_____.____
0010	203.0220 Removing Structure (structure) 0010. R-40-10	1.000 EACH	_____.____	_____.____
0012	203.0220 Removing Structure (structure) 0033. R-40-33	1.000 EACH	_____.____	_____.____
0014	203.0220 Removing Structure (structure) 0043. B-40-43	1.000 EACH	_____.____	_____.____
0016	203.0220 Removing Structure (structure) 0057. B-40-57	1.000 EACH	_____.____	_____.____
0018	203.0220 Removing Structure (structure) 0513. B-40-513	1.000 EACH	_____.____	_____.____
0020	203.0220 Removing Structure (structure) 1000. CIP Concrete Retaining Wall 415EW+60 - 416EW+83	1.000 EACH	_____.____	_____.____
0022	204.0100 Removing Concrete Pavement	19,770.000 SY	_____.____	_____.____
0024	204.0110 Removing Asphaltic Surface	4,290.000 SY	_____.____	_____.____
0026	204.0115 Removing Asphaltic Surface Butt Joints	170.000 SY	_____.____	_____.____
0028	204.0120 Removing Asphaltic Surface Milling	95,720.000 SY	_____.____	_____.____

Proposal ID: 20250909007 **Project(s):** 1060-27-74

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0504	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	2,450.000 LF	_____.____	_____.____
0506	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	4,178.000 LF	_____.____	_____.____
0508	652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch	206.000 LF	_____.____	_____.____
0510	652.0615 Conduit Special 3-Inch	39.000 LF	_____.____	_____.____
0512	652.0700.S Install Conduit into Existing Item	8.000 EACH	_____.____	_____.____
0514	653.0140 Pull Boxes Steel 24x42-Inch	3.000 EACH	_____.____	_____.____
0516	653.0222 Junction Boxes 18x12x6-Inch	11.000 EACH	_____.____	_____.____
0518	653.0905 Removing Pull Boxes	12.000 EACH	_____.____	_____.____
0520	654.0102 Concrete Bases Type 2	2.000 EACH	_____.____	_____.____
0522	654.0105 Concrete Bases Type 5	18.000 EACH	_____.____	_____.____
0524	654.0120 Concrete Bases Type 10-Special	2.000 EACH	_____.____	_____.____
0526	655.0144 Cable In Duct 4-4 AWG	782.000 LF	_____.____	_____.____
0528	655.0305 Cable Type UF 2-12 AWG Grounded	800.000 LF	_____.____	_____.____
0530	655.0320 Cable Type UF 2-10 AWG Grounded	30.000 LF	_____.____	_____.____
0532	655.0510 Electrical Wire Traffic Signals 12 AWG	407.000 LF	_____.____	_____.____

Proposal ID: 20250909007 **Project(s):** 1060-27-74

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0716	SPV.0060 Special 4410. Tieback Anchors Performance Tests	31.000 EACH	_____.____	_____.____
0718	SPV.0060 Special 4600. Trial Drilled Foundation Shaft 34.65-Inch	1.000 EACH	_____.____	_____.____
0720	SPV.0060 Special 4700. Underdeck Utility Structure B-40-1083	1.000 EACH	_____.____	_____.____
0722	SPV.0060 Special 4800. Retaining Wall Instrumentation R-40-761	1.000 EACH	_____.____	_____.____
0724	SPV.0060 Special 4810. Retaining Wall Instrumentation R-40-767	1.000 EACH	_____.____	_____.____
0726	SPV.0060 Special 4900. Embedded Galvanic Anodes	136.000 EACH	_____.____	_____.____
0728	SPV.0060 Special 5000. Installing Hydrant	1.000 EACH	_____.____	_____.____
0730	SPV.0060 Special 5001. Removing Hydrant/Major	1.000 EACH	_____.____	_____.____
0732	SPV.0060 Special 5002. Installing Hydrant - Alteration	1.000 EACH	_____.____	_____.____
0734	SPV.0060 Special 5003. Adjusting Water Valve Boxes	24.000 EACH	_____.____	_____.____
0736	SPV.0060 Special 5004. Connect Original Service (C.O.S.)	1.000 EACH	_____.____	_____.____
0738	SPV.0060 Special 5200. Manholes Type TES 4-FT Diameter	3.000 EACH	_____.____	_____.____
0740	SPV.0060 Special 5201. Manholes Type TES Doghouse 4-FT Diameter	2.000 EACH	_____.____	_____.____

Proposal ID: 20250909007 **Project(s):** 1060-27-74

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0742	SPV.0060 Special 5202. Manholes Type TES 5-FT Diameter	1.000 EACH	_____.____	_____.____
0744	SPV.0060 Special 5204. Removing CUC Manholes	2.000 EACH	_____.____	_____.____
0746	SPV.0060 Special 5210. Install Cement Encased Conduit Into Existing Manhole	1.000 EACH	_____.____	_____.____
0748	SPV.0060 Special 5212. Adjusting TES Manhole	1.000 EACH	_____.____	_____.____
0750	SPV.0060 Special 8003. Reconnect Storm Sewer	47.000 EACH	_____.____	_____.____
0752	SPV.0060 Special 8005. Sealing Storm Structure	14.000 EACH	_____.____	_____.____
0754	SPV.0060 Special 8007. Cover Plates Left in Place	20.000 EACH	_____.____	_____.____
0756	SPV.0060 Special 8009. Manhole Cover Type MS 58A	5.000 EACH	_____.____	_____.____
0758	SPV.0060 Special 8010. Inlet Cover Type MS 57	34.000 EACH	_____.____	_____.____
0760	SPV.0060 Special 8100. Cover Plates Left In Place In Pavement	12.000 EACH	_____.____	_____.____
0762	SPV.0075 Special 0203. Pavement Cleanup Project (1060-27-74)	1,500.000 HRS	_____.____	_____.____
0764	SPV.0075 Special 4000. Obstructions, Drilled Foundation Shaft	40.000 HRS	_____.____	_____.____
0766	SPV.0075 Special 4010. Obstructions Foundation Drilling	120.000 HRS	_____.____	_____.____
0768	SPV.0085 Special 4000. Structural Steel HS Soldier Piles Delivered	1,616,194.000 LB	_____.____	_____.____

Proposal ID: 20250909007 **Project(s):** 1060-27-74

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0796	SPV.0090 Special 0705. Glare Screens Temporary Left In Place	1,652.000 LF	_____.____	_____.____
0798	SPV.0090 Special 1005. Liquidtight Flexible Nonmetallic 1 1/2 inch Conduit	5.000 LF	_____.____	_____.____
0800	SPV.0090 Special 1012. Electrical Cable Type 4#2/1#8 XLP	3,872.000 LF	_____.____	_____.____
0802	SPV.0090 Special 1013. Cable Aerial Aluminum 4 AWG Quadruplex Left In Place	1,934.000 LF	_____.____	_____.____
0804	SPV.0090 Special 4100. Drilled Foundation Shaft 34.65-Inch	800.000 LF	_____.____	_____.____
0806	SPV.0090 Special 4110. Drilled Foundation Shaft 59.06-Inch	415.000 LF	_____.____	_____.____
0808	SPV.0090 Special 4200. Foundation Drilling	12,350.000 LF	_____.____	_____.____
0810	SPV.0090 Special 4300. Remove Existing Steel Piling	40.000 LF	_____.____	_____.____
0812	SPV.0090 Special 5000. Ductile Iron (DI) AWWA C-151 Class 55 Watermain 6-Inch	34.000 LF	_____.____	_____.____
0814	SPV.0090 Special 5001. Ductile Iron (DI) AWWA C-151 Class 55 Watermain 12-Inch	47.000 LF	_____.____	_____.____
0816	SPV.0090 Special 5002. Ductile Iron Hydrant Branch 6-Inch	13.000 LF	_____.____	_____.____
0818	SPV.0090 Special 5200. 2-Duct Conduit Cement Encased 4-Inch Conduit DB-60	105.000 LF	_____.____	_____.____
0820	SPV.0090 Special 5201. 4-Duct Conduit Cement Encased 4-Inch Conduit DB-60	445.000 LF	_____.____	_____.____

Proposal ID: 20250909007 **Project(s):** 1060-27-74

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0822	SPV.0090 Special 5202. 6-Duct Conduit Cement Encased 4-Inch Conduit DB-60	133.000 LF	_____.____	_____.____
0824	SPV.0090 Special 5203. 2-Duct Conduit Cement Encased 3-Inch Conduit DB-60	83.000 LF	_____.____	_____.____
0826	SPV.0090 Special 5210. Conduit Subduct 1-Inch	606.000 LF	_____.____	_____.____
0828	SPV.0090 Special 5215. Furnish Municipal Fiber Optic Cable 288 Count	786.000 LF	_____.____	_____.____
0830	SPV.0090 Special 5216. Install Fiber Optic Cable Outdoor Plant 288-Ct	1,465.000 LF	_____.____	_____.____
0832	SPV.0090 Special 5217. Removing Service Cable	706.000 LF	_____.____	_____.____
0834	SPV.0090 Special 8002. Drain Slotted Vane Permanent	1,793.000 LF	_____.____	_____.____
0836	SPV.0110 Special 4000. Timber Lagging	119.000 MBM	_____.____	_____.____
0838	SPV.0135 Special 0301. Vibration Monitoring	24.000 MON	_____.____	_____.____
0840	SPV.0165 Special 0400. Tactile Directional Indicator	600.000 SF	_____.____	_____.____
0842	SPV.0165 Special 0401. High Friction Traffic Marking Green Bike Lane Panel	70.000 SF	_____.____	_____.____
0844	SPV.0165 Special 0410. Wall Modular Block Gravity Landscape	762.000 SF	_____.____	_____.____
0846	SPV.0165 Special 4000. Geocomposite Drain Board	30,533.000 SF	_____.____	_____.____

Proposal ID: 20250909007 **Project(s):** 1060-27-74

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0848	SPV.0165 Special 4100. Temporary Wall Wire Faced Mechanically Stabilized Earth LFCF R-40-767	1,895.000 SF	_____._____	_____._____
0850	SPV.0165 Special 4761. Wall Concrete Panel Mechanically Stabilized Earth LFCF R-40-761	4,726.000 SF	_____._____	_____._____
0852	SPV.0165 Special 4767. Wall Concrete Panel Mechanically Stabilized Earth LFCF R-40-767	21,190.000 SF	_____._____	_____._____
0854	SPV.0180 Special 0421. HPC Pavement 9-Inch	6,280.000 SY	_____._____	_____._____
0856	SPV.0195 Special 0443. HMA Longitudinal Joint Repair	50.000 TON	_____._____	_____._____
0858	SPV.0195 Special 0444. HMA Transverse Joint Repair	25.000 TON	_____._____	_____._____
0860	SPV.0195 Special 0446. Management of Solid Waste - St Paul Ave / 27th St	930.000 TON	_____._____	_____._____
0862	SPV.0195 Special 0447. Management of Solid Waste - Greves St, East of 27th St	975.000 TON	_____._____	_____._____
0864	SPV.0195 Special 0448. Management of Solid Waste - Greves St, West of 27th St	510.000 TON	_____._____	_____._____
0866	204.9060.S Removing (item description) 0002. Removing Bollard	2.000 EACH	_____._____	_____._____

Section: 0001 **Total:** _____._____

Total Bid: _____._____