



Wisconsin Department of Transportation

August 25, 2025

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

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NOTICE TO ALL CONTRACTORS:

Proposal #06: 1060-27-71, WISC 2025596
I-94 East West, West Leg
70th Street to Zablocki Drive
IH 094
Milwaukee County

Letting of September 9, 2025

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
4	Prosecution and Progress
8	Utilities
10	Work by Others
28	Notice to Contractor – Coordination of Electrical Outages with American Transmission Company (ATC)
223	Detention Pond Anti-Seep Collar, Item SPV.0060.8002

Added Special Provisions	
Article No.	Description
281	Install State Furnished Sign, Item SPV.0060.0955
282	Removing or Abandoning Miscellaneous Structures
283	Marking Epoxy 6-Inch Black Non Grooved, Item SPV.0090.0274; Marking Epoxy 10-Inch Black Non Grooved, Item SPV.0090.0275

Deleted Special Provisions	
Article No.	Description
132	Mobilizations Emergency Pavement Repair, Item SPV.0060.0120

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
204.0120	Removing Asphaltic Surface Milling	SY	1,334	50,108	51,442
305.0120	Base Aggregate Dense 1 ¼-Inch	TON	71,753	810	72,563
312.0110	Select Crush Material	TON	164,486	-5,810	158,676
455.0605	Tack Coat	GAL	5,565	2,550	8,115
460.7223	HMA Pavement 3 HT 58-28 S	TON	10,417	-7,790	2,627
460.7424	HMA Pavement 4 HT 58-28 H	TON	6,454	-640	5,814
465.0125	Asphaltic Surface Temporary	TON	250	13,530	13,780
623.0200	Dust Control Surface Treatment	SY	185,700	2,500	188,200
624.0100	Water	MGAL	811	30	831
637.2210	Signs Type II Reflective H	SF	2,360.32	6	2,366.32
643.3170	Temporary Marking Line Epoxy 6-Inch	LF	502,907	3151	506,058
643.3175	Temporary Marking Line Black Epoxy 6-Inch	LF	44,070	788	44,858
646.2020	Marking Line Epoxy 6-Inch	LF	2,220	6,686	8,906
646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	19,677	-1,361	18,316
646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	74,637	-3,374	71,263
646.2050	Marking Line Grooved Permanent Tape 6-Inch	LF	13,835	-1,825	12,010
646.4020	Marking Line Epoxy 10-Inch	LF	3,514	426	3,940
646.4025	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	3,331	-426	2,905
646.4050	Marking Line Grooved Permanent Tape 10-Inch	LF	1,804	-426	1,378

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
204.0115	Removing Asphaltic Surface Butt Joints	SY	0	300	300
450.4000	HMA Cold Weather Paving	TON	0	13,780	13,780
SPV.0060.0955	Install State Furnished Sign	EACH	0	4	4
SPV.0090.0274	Marking Epoxy 6-Inch Black Non Grooved	LF	0	1,637	1,637
SPV.0090.0275	Marking Epoxy 10-Inch Black Non Grooved	LF	0	426	426

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
SPV.0060.0120	Mobilization Emergency Pavement Repair	EACH	20	-20	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
4	General Notes: Updated utility contacts
31-34	Typical Finished Sections: Adjusted jointing and cross slope ranges
51	Construction Details: Added detail for S32 Special barrier
64	Construction Details – Drainage: Modified detail for vane drain at reverse footing barrier
126-127	Removal Plan: Added milling to east end of project
467-468	Signing Plan – Permanent: Changed Bike Route signs to Bike Lane signs
471	Signing Plan – Permanent: Changed Bike Route signs to Bike Lane signs
622	Pavement Marking: Added items to legend
629-633	Pavement Marking: Removed grooving from markings between cemeteries and extended pavement marking limits
670	Traffic Control Overview – Stage 1A: Changes staging note
671	Traffic Control – Typical Sections: Updated work limits and pay items
686	Traffic Control Overview – Stage 1B: Showing work done in prior stage
687-688	Traffic Control – Typical Sections: Changed work done in prior stage and pay items
695-698	Traffic Control – Stage 1B: Changed work done in prior stage
702	Traffic Control Overview – Stage 2A: Changed Note and work done in prior stage
703	Traffic Control – Typical Sections: Changed work done in prior stage and pay items
709-712	Traffic Control – Stage 2A: Changes work done in prior stage
717	Traffic Control Overview – Stage 2B: Changed Note and work done in prior stage
718	Traffic Control – Typical Sections: Changed work done in prior stage and pay items
724-727	Traffic Control – Stage 2B: Changed work done in prior stage
732	Traffic Control Overview – Stage 2C: Changed work done in prior stage
733	Traffic Control – Typical Sections: Changed work done in prior stage and pay items
739-742	Traffic Control – Stage 2C: Changed work done in prior stage
762	Traffic Control Overview – Stage 3A: Changed Note
768-770	Traffic Control – Stage 3A: Changed notes for work done in prior stages
837	Detour – Regional Alt Route: Added state furnished sign locations and note
912	Misc Quantities: Added milling quantity
960-961	Misc Quantities: Adjusted pavement marking quantities and added items
977	Misc Quantities: Changed Bike Route signs to Bike Lane signs
979	Misc Quantities: Changed Bike Route signs to Bike Lane signs
981	Misc Quantities: Changed Bike Route signs to Bike Lane signs
1148	Misc Quantities: Added State Furnished Sign table
1158	Misc Quantities: Changed Bid Items for Temporary Asphalt Overlays and Widening
1161	Misc Quantities: Changed Traffic Control Temp Marking Line Epoxy quantity
1165	Misc Quantities: Changed Traffic Control Temp Marking Line Epoxy quantity
2110	Structure R-40-741: Removed note limiting wall panel size
2112	Structure R-40-741: Modified Wall External Stability Evaluation table
2120	Structure R-40-742: Removed note limiting wall panel size
2143	Structure R-40-762: Removed note limiting wall panel size
2455-2481	Cross Sections – IH 94 Temporary: Changed staging ticks

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
39A	Typical Sections: Added Typical Sections for additional clarity
74A	Construction Details: Added butt joint detail
127A	Removal Plan: Added milling to east end of project
162A	Plan Details: Added sheet for mill and overlay
762A	Traffic Control – Typical Sections: Added Stage 3B Typical Sections

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. 01

1060-27-71

August 25, 2025

Special Provisions

8. Prosecution and Progress.

*Replace paragraph 16 under section titled **Staging Restrictions** with the following:*

Do not shift traffic into stage 7 configuration prior to September 28th, 2028 (Close 70th Street and General Mitchell Boulevard I-94 Ramps) until all stage 6 work is complete. General Mitchell Boulevard I-94 Ramps shall remain open until completion of the Brewers season.

*Add the following under section titled **Staging Restrictions**:*

Do not perform milling and asphalt overlay of existing I-94 from the East project limits through the Stadium interchange until all work in stage 7 is complete.

*Replace paragraph 2 under section titled **Interim Completion and Liquidated Damages – Stage 7 Completion, Open to final configuration except restoration and permanent pavement marking: December 17, 2028** with the following:*

If the contractor fails to complete the work necessary to open I-94 traffic to final configuration including to reopen 70th Street I-94 Eastbound Exit Ramp, reopen 70th Street I-94 Westbound Entrance Ramp, reopen 70th Street to two lanes in each direction, reopen Kearney Street and reopen O'Connor Street through Stage 7 to through traffic and complete all contract work except restoration and permanent pavement marking by December 17, 2028, the department will assess the contractor \$15,000.00 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on December 18, 2028. An entire calendar day will be charged for any period of time within a calendar day that the lanes or ramps remain closed beyond 12:01 AM.

8. Utilities.

Replace entire article language 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 is ready for the utility to begin its work.

stp-107-065 (20240703)

Any utility facility locations (stations, offsets, elevations, depths) listed in this article are approximate.

AT&T Legacy has fiber facilities within the project limits along both the north and south sides of IH 94. These facilities cannot take an outage and must remain in service until new facilities are installed, spliced, tested, and activated. Existing cables within the project limits will be removed only after the new facilities are fully operational.

During construction, AT&T Legacy will relocate its north-side fiber facility. The relocation will begin at an existing handhole on N. 60th Street near Station 319+82 HWD, 188' LT, proceed south to W. Fairview Avenue, continue southwest and west along W. Fairview Avenue to N. 68th Street, then north in the east terrace of N. 68th Street to W. Stevenson Street. From there, it will run west to S. 70th Street, then south in the east terrace of S. 70th Street before crossing at approximately Station 20+40 A to a new handhole outside the project limits on We Energies property, where it will intercept the existing fiber. This work is anticipated to take approximately 90 working days to complete. Anticipated start date: September 1, 2025.

During construction, AT&T Legacy will also relocate its south-side fiber facility. This relocation will intercept the facilities near the 66th Street/Dickinson Street intersection (outside the project limits), run through the Hank Aaron Trail, and terminate in the Stadium Interchange area (also outside the project limits). This work is anticipated to take approximately 120 working days to complete. Anticipated start date: September 1, 2025.

AT&T Local Network has facilities within the project limits, located within We Energies Electric conduit packages. AT&T Local Network will be removing their facilities without replacement.

The existing conduit package between We Energies electric manholes at Station 18+58 A, 38' RT, and Station 70+56 KE, 19' LT, conflicts with the proposed east abutments of the IH 94 bridges over N. 70th Street. During construction and in coordination with We Energies' electric relocation work, AT&T Local Network will remove its cables from the affected conduit section up to 72nd street.

This cable removal work is anticipated to take approximately 30 working days. This work is anticipated to start on November 30, 2025.

AT&T Wisconsin has underground and overhead facilities within the project limits.

Prior to construction, AT&T Wisconsin will perform the following work:

- Noise Barrier Relocations (Approx. Station 298+52 EW to 300+45 EW):
 - Relocate PFP cabinet F 165 S 66 St from Station 298+52 EW, 114' RT to Station 298+52 EW, 122' RT to avoid conflict with proposed noise barrier N-40-116.
 - Relocate handhole and associated cable from Station 298+67 EW, 118' RT to Station 298+67 EW, 122' RT for the same conflict.
 - Directionally bore two (2) 1½-inch conduits from Station 298+67 EW, 122' RT to Station 300+45 EW, 122' RT and install fiber optic cables rising on the pole at Station 300+45 EW, 134' RT.
 - Anticipated Durations: approx. 10 working days (dependent on power disconnection).
 - Cabinet and Equipment Removal (After July 25, 2025):
 - Disconnect We Energies power service to the VRAD cabinet at Station 298+60 EW, 113' RT. Remove VRAD cabinet, concrete slab, and associated cables.
 - Remove distribution cabinet and Cross Box at Station 298+68 EW, 112' RT, including the slab and cables.
 - Anticipated Durations: approx. 10 working days (dependent on power disconnection).
 - 68th Street Storm Sewer Conflicts: from Station 33+17 C, 7' RT to 38+03 C, 8' RT bore three (3) new 4-inch plastic conduits between MH2009 (Station 33+17 C, 7' RT) and MH2010 (Station 38+03
-

C, 8' RT). Discontinue the existing conduit package in place after cables are pulled. Anticipated Duration: approx. 30 working days.

- Discontinued Cable Removal: Remove existing discontinued fiber cable in innerduct from WisDOT cabinet at Station 322+45 EW, 106' RT to We Energies pole at Station 325+14 EW, 94' RT.

During construction, AT&T WI will adjust at 68th Street MH2009 and MH2010 frames and covers to final grade based on information provided by the paving contractor. Manhole adjustments: approx. 1 working day per location. Provide advance notice when the site will be available to AT&T Wisconsin.

AT&T Wisconsin has an MTD facility crossing IH 94 near S. 72nd Street, which will be undermined by storm sewer construction between structures 1181-S4 and 1138-S3A, approximately at STA 278+55 EW. During construction, AT&T Wisconsin will box and support the facility in place. Notify AT&T Wisconsin before beginning excavation in this area. AT&T WI requires one working day to complete the boxing and support of their facility. After storm sewer installation is complete and before backfilling, AT&T Wisconsin will require one working day to reset the facility.

ATC Management, Inc. (ATC) has facilities within the project limits. 138 kV overhead lines connect to the We Energies O'Connor Substation located on the north side of O'Connor Street between N. 68th Street and N. 69th Street and are to remain in place. Temporary partial and full circuit outages of overhead lines along the north side of I-94 will be required during construction. Refer to the "Notice to Contractor – Coordination of Electric Outages with American Transmission Company (ATC)" for outage procedures and requirements.

ATC also has a discontinued 138 kV underground transmission line along N. 70th Street, consisting of a 6-5/8" O.D. steel pipe with thermal sand backfill. ATC plans to remove and cap segments in direct conflict with construction. Provide ATC advance notice when the work is scheduled to begin at the following locations where potential conflict points are anticipated:

- 1) Station 15+6 A, 10' RT (between storm sewer structures 1044-S4 and 1033-S4),
- 2) Station 13+19 A, 10' RT (between storm sewer structures 51-S7 and 53-S7),
- 3) Station 14+70 A, 7RT (between storm sewer structures 80-S7 and 79-S7),
- 4) Station 17+38 A, 11RT (between storm sewer structures 122-S7 and 103-S7),
- 5) Station 17+91 A, 12RT (between storm sewer structures 104-S7 and 105-S7).

ATC will require 3 days per location to remove and cap.

City of Milwaukee – Communications has facilities within the project limits.

Prior to construction City of Milwaukee – Communications will cut and discontinue existing fiber optic cable in S. 68th Street from the project limits south of W. Dixon Street near Station 32+50 C, 15' RT, to the project limits east of S. 68th Street at Fairview Avenue near Station 39+85 C, 38' RT.

Prior to construction City of Milwaukee – Communications will cut and discontinue existing copper cable in underground conduit under I-94 from S. Hawley Road near Station 53+99 HWS, 37' RT, along Hawley Ct, crossing under I-94 near Station 325+60 EW, and along Dana Ct to the project limits at S. Hawley Road north of Dana Ct near Station 72+60 HWS, 20' RT.

There is a discontinued copper cable approximately 22' RT of the 64th Street reference line throughout the project limits along 64th Street. The cable was direct-buried and placed in 2-inch iron pipes where it passed under driveways and roadways. City of Milwaukee – Communications work is anticipated to start August 18, 2025, and will require 10 working days to complete.

Install fiber optic cables as shown in the plans and in the bid items for this project. City of Milwaukee – Communications will perform splicing to restore service once the project is complete.

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

City of Milwaukee – Sewer has underground sanitary sewer facilities within the project limits.

Prior to construction, City of Milwaukee – Sewer will reroute the existing sanitary sewer crossing Hawley Road at approximately Station 67+55 HWS to flow to S. 60th Street. The existing sewer will be bulkheaded and discontinued between the sanitary manhole in W. Fairview Avenue at approximately Station 67+56 HWS, 77' LT, and the sanitary manhole at approximately Station 67+52 HWS, 92' RT. This work is anticipated to take approximately 25 working days. Anticipated start date: 9/10/2025.

Adjust sanitary manholes and install internal sanitary manhole seals as shown in the plans and in the bid items for this project.

City of Milwaukee – Water (Milwaukee Water Works (MWW)) has facilities within the project limits.

Construct, install, remove, discontinue, and adjust water facilities as shown in the plans and in the bid items for this project.

Level 3 Communications LLC (a.k.a. Lumen) has facilities within the project limits.

At approximately Station 189+16 FMD, 24' RT, Lumen will coordinate with the WisDOT contractor during storm sewer construction. The existing conduit and cable will be raised, supported, and protected during the removal of the existing storm pipe and installation of the new storm pipe. After the new storm pipe is installed and backfilled, Lumen will reinstall the conduit and cable at the adjusted elevation. Notify Lumen when the site is ready for them to work. Lumen will require approximately 2 working days to complete the support and reset of their facility during construction.

Midwest Fiber Networks LLC (MWFN) has underground communications facilities within WisDOT-owned ducts (FTMS) inside the project limits. Relocation cannot occur until the WisDOT FTMS work, which is part of the roadway contract, is ready for coordination. Permanent relocation will be a joint effort between WisDOT FTMS and MWFN. Existing MWFN facilities must remain active until new facilities are installed, spliced, tested, and fully operational.

MWFN's relocation will begin at FTMS vault EXCV282EW on the south side of IH 94, continue through FTMS conduit to CV383AC (south side of Ramp AC), then easterly in FTMS conduit along the south side of IH 94 to TRM335EW, cross IH 94 to CV335EW, and install two 1.25-inch HDPE conduits to a new splice handhole at approximately STA 335+15 EW, 73' LT. From there, conduits will extend to FTMS manhole EXMH336EW to tie into the existing MWFN system. All cables in discontinued FTMS ducts will be removed. Notify MWFN when conduits are ready for this work. MWFN will also install two 1.25-inch conduits from CV383AC westerly to a proposed handhole at approximately STA 383+00 AC RT, then west ~40 feet, turning south on S. 71st Street to W. Adler Street, then east to connect to existing aerial facilities. Existing cables will be removed, and ducts along the west side of S. 70th Street from the manhole at approximately STA 284+58 EW, 58 RT, to W. Adler Street will be discontinued in place.

Upon completion of FTMS work, notify MWFN and allow 30 working days for FTMS tie-ins and 30 working days for 71st Street/Adler Street work. Both systems must be fully operational before any construction affecting the existing facilities begins. Relocation anticipated start date: October 1, 2025.

Spectrum (a.k.a. Charter) has facilities within the project limits.

Relocation work will include:

- Undergrounding aerial crossing of I-94 at STA 325+20 EW to STA 325+06 EW. This work is anticipated to start on August 29, 2025, and will require 15 working days to complete.
 - Raising underground facilities 1.5 feet at STA 188+76FMD to clear proposed storm sewer. This work is anticipated to start on September 18, 2025, and will require 15 working days to complete.
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- Detach from existing We Energies pole 61-0726 at STA 305+80 EW, 133' RT and re-attach to new pole to be installed by We Energies 16 feet east of the detached pole. This work is anticipated to take 1 day for detachment and 1 day for re-attachment. The start date for this work is dependent on We Energies' placement of the new pole.

Spectrum requires an on-site inspector to be present during any construction work within 10 feet of their underground facilities at the I-94EW crossing between S. Dana Ct. and N. Hawley Ct., and at their facility crossing Ramp FMD. Notify Spectrum in advance of any construction work scheduled at these locations.

TDS Metrocom LLC has underground communications facilities within the project limits.

TDS Metrocom will relocate fiber facilities between existing handholes (HHs) at STA 37+60.3C, 50.1 LT and STA 33+17.3C, 29.0 LT prior to roadway construction. Work includes constructing a new conduit path, removing fiber from the existing 1.25-inch conduit, pulling back to HH as slack, and discontinue the conduit in place. Anticipated start date: August 18, 2025. This relocation work is anticipated to take 20 working days.

During construction, TDS Metrocom will adjust its HHs at STA 37+60.3C, 50.1 LT and STA 33+17.3C, 29.0 LT to final grades as provided by the contractor. All adjustments to HHs will be done by Northwest Cable Construction on behalf of TDS Metrocom LLC. Notify both TDS and Nathan Mansueto, 920-209-6714, Email: nathanm@nw-cable.com of Northwest Cable Construction when the site is ready for their work. TDS require 3 working days to complete the HHs adjustments.

Verizon Business (a.k.a. MCI) has facilities within the project limits. Relocation work will begin at the existing MCI manhole at STA 55+10 HWS, 23' LT, which will be exposed and shifted 2 feet west to clear the new curb installation. The new route will extend north in the west right-of-way (ROW) of Hawley Street for approximately 1,460 feet to STA 69HWS+10, 30' LT, where a new MCI handhole will be installed behind the new sidewalk. Fiber running line will be placed 12" west of the new sidewalk/bike path at depths sufficient to clear proposed grade cuts, water main, and storm sewer crossings as shown in the plans.

A 12-fiber lateral from the manhole at STA 69+10 HWS will be replaced with new duct and fiber to avoid storm sewer conflicts. All fiber will be removed in discontinued in-place conduits after the new fiber is installed, spliced, tested, and placed in service.

MCI requires 60 working days to complete their relocation work. The anticipated start date is November 1, 2025.

We Energies – Electricity has facilities within the project limits, including the O'Connor Substation on the north side of O'Connor Street between N. 68th Street and N. 69th Street. The substation will remain in place without adjustment. Work will be performed as summarized in the relocation table below, which identifies facilities to be discontinued, proposed conduit and cable routes, and associated activities. New conduit packages will be installed and cable pulled. Elevations are noted where crossings with proposed facilities occur.

Relocation and adjustments will include conduit and manhole replacements, new conduit installations, riser pole work, and removal of overhead crossings. Existing conduit in conflict will be discontinued and replaced with concrete-encased packages along revised alignments. Overhead facilities will be replaced with underground routes. Where excavation occurs beneath existing facilities, notify We Energies for conduit support. The existing overhead freeway crossing at Dana Court and Hawley Court will be removed and rerouted through existing conduit and manholes along S. 64th Street and W. Adler Street, with limited new conduit and riser poles. Once the new route is in service, overhead facilities will be de-energized and removed. Additional work north of IH 94 on S. Hawley Road, though not directly tied to this project, is within limits and included in the relocation scope.

Construction Timeline for relocations:

- Conduit and Manhole Construction: 140 working days, starting no later than November 30, 2025

- Cable Construction: 110 working days, starting no later than February 1, 2026
- Overhead/Direct Bury Construction: 10 working days, starting no later than June 1, 2026
- Estimated Total Duration: 260 working days
- Target Completion: August 1, 2026

During construction, We Energies will adjust 7 manholes as described below. Each manhole is expected to require approximately one working day. Notify We Energies (Tara Blecha: work: 414-540-5784; cell: 414-737-4051) when the site will be ready for their adjustments.

Detailed facility locations and activities are provided in the relocation table below.

70 th Street Relocation (Existing Conduit to be Discontinued):		
Station No.	Facility	
From Station 15+09 A, 49' RT	Existing conduit package at MH9508	
Through Station 15+31 A, 46' RT	Existing conduit package – bend	
To Station 18+50 A, 40' RT	Existing conduit package at MH9510	
Relocated to:		
Station No.	Approx. Elevation (crossings only)	Facility
From Station 15+09 A, 49' RT		New conduit package at MH9508
Through Station 15+15 A, 48' RT	Top: 709.75' (24" depth), bottom: 708.25'	New conduit package – SS main crossing
Through Station 15+18 A, 48' RT		New conduit package – bend
Through Station 15+58 A, 16' RT		New conduit package – bend
Through Station 17+38 A, 14' RT	Top: 701.5' (72" depth) bottom: 700'	New conduit package – SS crossing
Through Station 17+53 A, 14' RT		New conduit package – bend
Through Station 17+93 A, 16' RT	Top: 704' (39" depth), bottom: 702.5'	New conduit package – SS crossing
Through Station 18+05 A, 17' RT		New conduit package – bend
To Station 18+50 A, 36' RT		New conduit package and shelf at MH9510
68 th Street Relocation (Existing Conduit and Manhole to be Discontinued):		
Station No.	Facility	
From Station 32+99 C, 107' RT	Existing conduit package at MH80-535	
Through Station 32+98 C, 6' LT	Existing conduit package – bend	
Through Station 33+11 C, 18' LT	Existing conduit package – bend	
Through Station 34+46 C, 18' LT	Existing MH 80-536 to be abandoned with conduit (knock in roof and walls. Backfill with slurry)	
To Station 36+74 C, 18' LT	Existing conduit package at MH80-537	
Relocated to (no new Manhole):		
Station No.	Approx. Elevation (crossings only)	Facility
From Station 32+99 C, 107' RT		New conduit package at MH80-535
Through Station 33+01 C, 97' RT		New conduit package – bend

Through Station 33+00 C, 14' RT	Top: 707' (56" depth) bottom: 705.5'	New conduit package – CUC crossing
Through Station 33+00 C, 1' LT		New conduit package – bend
Through Station 33+01 C, 6' RT	Top: 709.3' (30" depth) bottom: 707.8'	New conduit package – SS crossing
Through Station 33+13 C, 13' LT		New conduit package – bend
Through Station 33+42 C, 13' LT	Top: 706' (60" depth), bottom: 704.5'	New conduit package – SS crossing
Through Station 34+51 C, 13' LT	Top: 702.25'(84" depth), bottom: 700.75'	New conduit package – SS main crossing
Through Station 34+61 C, 13' LT	Top: 703' (78" depth), bottom: 701.5'	New conduit package – SS crossing
Through Station 36+24 C, 13' LT	Top: 701' (72" depth), bottom: 695.5'	New conduit package – SS crossing
Through Station 36+52 C, 13' LT	Top: 702' (68" depth), bottom: 700.5'	New conduit package – CUC crossing
Through Station 36+57 C, 13' LT		New conduit package – bend
To Station 36+74 C, 18' LT		New conduit package at MH80-537
64 th Street Relocation (Existing Conduit to be Discontinued):		
Station No.	Facility	
From Station 41+39 D, 12' LT	Existing conduit package at MH9560	
To Station 44+35 D, 12' LT	Existing conduit package at MH9559	
Relocated to:		
Station No.	Approx. Elevation (crossings only)	Facility
From Station 41+39 D, 12' LT		New conduit package at MH9560
Through Station 42+22 D, 10' LT		New conduit package – bend
Through Station 42+60 D, 3.5' RT		New conduit package – bend
Through Station 42+62 D, 3.5' RT	Top: 691.5' (42" depth) bottom: 690'	New conduit package – SS crossing
Through Station 43+40 D, 4' RT	Top: 691.5' (42" depth) bottom: 690'	New conduit package – SS crossing
Through Station 43+92 D, 4' RT		New conduit package – bend
To Station 44+35 D, 12' LT		New conduit package at MH9559
64 th Street pole relocation:		
Station No.	Facility	
Station 41+35 D, 17' RT	Remove pole 67-0726	
Station 41+34 D, 30' RT	Install new pole and overhead transformer	
64 th Street New Work (Proposed Conduit Package and Riser Pole):		
Station No.	Facility	
From Station 44+47 D, 17' LT	New conduit package at MH9559	
Through Station 44+47 D, 74' LT	New conduit package – bend	
To Station 44+59 D, 88' LT	New conduit package to new riser pole	
Hawley Road and Adler Street New Work Proposed Conduit Package and Riser Pole:		
Station No.	Approx. Elevation (crossings only)	Facility

From Station 51+67 HWS, 13' LT		New conduit package and shelf at MH69-624
Through Station 52+91 HWS, 1' LT		New conduit package – bend
Through Station 53+40 HWS, 17' RT		New conduit package – bend
Through Station 53+95 HWS, 9' RT		New conduit package – bend
Through Station 00+30 HC, 7' LT	Top: 696' (25" depth) bottom: 695'	New conduit package – CUC crossing
Through Station 01+10 HC, 2' LT		New conduit package – bend
To Station 01+56 HC, 18' LT		New conduit package and new riser pole
Hawley Rd Freeway Ramp Relocation Existing Conduit to be Discontinued:		
Station No.	Facility	
From Station 315+26 HWD, 63' LT	Existing conduit at MH73-504	
To Station 317+56 HWD, 44' RT	Existing conduit at MH73-505	
From Station 317+69 HWD, 50' RT	Existing conduit at MH73-505	
To Station 164+37 HWN, 102' RT	Existing conduit at MH73-506	
Relocated to:		
Station No.	Approx. Elevation (crossings only)	Facility
From Station 315+26 HWD, 63' LT		New conduit package at MH73-504
Through Station 315+31 HWD, 61' LT		New conduit package – bend
Through Station 315+52 HWD, 16' LT	Top: 699.5' (49" depth) bottom: 698'	New conduit package – Noise Wall crossing
Through Station 315+59 HWD, 11' LT		New conduit package – bend
Through Station 316+53 HWD, 30' RT		New conduit package – bend
Through Station 317+44 HWD, 37' RT		New conduit package – bend
To Station 317+56 HWD, 44' RT		New conduit package at MH73-505
From Station 317+69 HWD, 50' RT		New conduit package at MH73-505
Through Station 163+99 HWN, 108' LT		New conduit package – bend
Through Station 163+96 HWN, 88' LT		New conduit package – bend
Through Station 163+98 HWN, 69' LT	Top:686.75'(125" depth) bottom:685.75'	New conduit package – SS crossing
Through Station 164+03 HWN, 30' LT	Top: 690.25' (95" depth), bottom: 688.75'	New conduit package – Water main crossing
Through Station 164+05 HWN, 10' LT	Top: 684' (153" depth) bottom: 682.5'	New conduit package – SS crossing

To Station 164+32 HWN, 114' RT		New conduit package at new manhole
Dana Ct and Hawley Ct Overhead Freeway Crossing Existing pole and overhead freeway crossing removal:		
Station No.	Facility	
Station 325+20 EW, 64' LT	Remove existing pole 69-1892	
Station 325+20 EW, 93' RT	Remove existing pole 69-1891	
Pole Relocations on Hawley Ct:		
Station No.	Facility	
Station 324+98 EW, 124' RT	Remove existing pole 94-02961	
Station 325+15 EW, 151' RT	Install new pole	
Station 325+75 EW, 124' RT	Remove existing pole 61-7183	
Station 325+72 EW, 124' RT	Install new pole	
Station 325+64 EW, 124' RT	Install new guy	
Station 325+31 EW, 203' RT	Remove existing pole 69-1898	
Station 325+30 EW, 203' RT	Install new pole	
Hawley Road New Work (Final positions is to be coordinated with the City of Milwaukee)		
Station No.	Facility	
Station 164+70 HWN, 56' RT	New Manhole (center)	
From Station 164+71 HWN, 48' RT	New conduit package at new manhole	
Through Station 164+71 HWN, 47' RT	New conduit package – bend	
Through Station 164+87 HWN, 35' RT	New conduit package – bend	
Through Station 165+00 HWN, 35' RT	New conduit package	
New conduit roughly follows curve of the road to next station.		
Through Station 166+00 HWN, 35' RT	New conduit package – bend	
Through Station 166+23 HWN, 39' RT	New conduit package – bend	
Through Station 166+58 HWN, 43' RT	New conduit package – bend	
Through Station 167+33 HWN, 45' RT	New conduit package – bend	
Through Station 167+77 HWN, 31' RT	New conduit package – bend	
Through Station 169+24 HWN, 33' RT	New conduit package – bend	
Through Station 169+59 HWN, 29' RT	New Manhole (center)	
New conduit follows curve of the road roughly 5' off the back of existing curb between the above and below station.		
Through Station 170+60HWN 25' RT	New conduit package	
To Station 74+01HWS 5' RT	New Manhole (center)	
From Station 168+64HWN 31' RT	New conduit package – split from main running line	
To Station 168+18HWN 45' RT	New conduit package and Riser pole	
Manhole Adjustments During Construction:		
Station No.	Facility	

Station 18+58 A, 39' RT	MH9510
Station 70+56 KE, 19' LT	MH9508
Station 71+42 KE, 14' LT	MH9509
Station 63+35 CR, 45' LT	MH9524
Station 37+85 C, 45' LT	MH9499
Station 36+82 C, 18' LT	MH80-537
Station 41+28 D, 11' LT	MH9560
Conduit packages that will need to be supported during construction:	
Station No.	Facility
Station 15+15 A, 48' RT	New conduit package – SS crossing
Station 17+93 A, 16' RT	New conduit package – SS crossing
Station 33+01 C, 6' RT	New conduit package – SS crossing
Station 33+42 C, 13' LT	New conduit package – SS crossing
Station 00+30 HC, 7' LT	New conduit package – CUC crossing
Station 164+03 HWN, 30' LT	New conduit package – Water crossing
Station 167+24 HWN, 45' RT	New conduit package – Water Crossing
Station 71+40 KE, 22' RT	Existing conduit package – SS crossing
Station 32+90 CR, 49' LT	Existing conduit package – SS crossing
Station 63+13 CR, 47' LT	Existing conduit package – SS crossing
Station 37+17 C, 35' LT	Existing conduit Package – CUC crossing
Station 37+86 C, 6' LT	Existing conduit package – SS crossing

We Energies – Gas has gas facilities within the project limits requiring replacement, relocation, and discontinuation.

At 70th Street, We Energies will replace gas service to 307, 309 and 308 S. 70th Street from the existing gas main.

At 68th Street, We Energies will:

- Cut and cap existing gas main crossing IH 94 on the south side at Station 32+92 C, 31.5' LT, and on the north side at Station 37+62 C, 13' LT. Discontinue the existing gas main between these locations.
- Replace the gas main from W. O'Connor Street to W. Fairview Avenue, installing a new gas main as follows:
 - Station 37+41 C, 59' LT – South tie-in to existing gas main.
 - Station 37+56 C, 52' LT
 - Station 37+53 C, 40' LT
 - Station 37+84 C, 34' LT
 - Station 37+93 C, 34' LT
 - Station 37+98 C, 40' LT
 - Station 38+64 C, 36' LT
 - Station 39+41 C, 32' LT – Start of road crossing of 68th Street.
 - Station 39+41 C, 47' RT – North tie-in to existing gas main.

At 64th Street, We Energies will replace the existing gas main crossing IH 94 from Station 41+20 D, 21' LT, to Station 43+97 D, 21' LT.

At 61st Street, We Energies will cut and cap the existing gas main on both the north side and the south side and discontinue in place the main crossing IH 94 running from Station 315+68 EW, 189' RT, to Station 315+68 EW, 191' LT.

At N. Hawley Road, We Energies will discontinue the existing gas main from STA 69HWS+87, 54' RT to STA 74HWS+14, 25' LT and replace it with a new main as follows:

- Station 69+81 HWS, 54' RT – South tie-in.
- Station 69+93 HWS, 53' RT – Start angled crossing of N. Hawley Road.
- Station 70+88 HWS, 0' LT – Cross HWS reference line.
- Station 72+04 HWS, 21' LT
- Station 72+57 HWS, 15' LT
- Station 74+00 HWS, 15' LT
- Station 74+10 HWS, 25' LT – North tie-in.

Work is expected to begin on October 1, 2025, and require approximately 105 working days to complete.

During construction, We Energies will adjust gas valves and other appurtenances within grading or paving limits to final grades. Notify We Energies when the site is ready for valve adjustments at the following locations.

- Valve at ~ 37+54C, 51'LT
- Valve 39+79C, 28'RT
- Test stand 39+81C, 21'RT

Windstream KDL, LLC has existing underground fiber facilities in conflict with proposed storm sewer work at approximately Station 64+11 HWS (Hawley Road) and Station 38+29 C (68th Street). These facilities will be relocated outside the proposed construction limits. Fiber cable will be removed from any discontinued facilities, with conduit abandoned in place. The anticipated start date is November 2025, with an estimated construction duration of 45 working days.

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

Milwaukee Metropolitan Sewerage District – Sewer

10. Work by Others.

Replace entire article language with the following:

City of Milwaukee – Street Lighting has local street lighting facilities within the project limits. Some work locations have traffic signals attached to street lighting facilities that will be impacted by the proposed work.

Construct, remove and discontinue street lighting facilities as shown in the plans and in the bid items for this project.

The City of Milwaukee will utilize existing street lighting distribution power cabinets for local street temporary and permanent street lighting. Contact Neal Karweik at 414-286-5943 (office) or 414-708-4245 (cell) at least 45 working days prior to start of construction to coordinate street lighting work.

The City of Milwaukee will make final terminations into existing lighting circuitry for both the temporary and permanent contractor installed lighting configurations, along with inspecting the contractor installed temporary and permanent street lighting facilities.

Some of the utility work described above 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. Follow-up with a confirmation notice to the engineer and the utility not less than 3 working days before the site will be ready for the utility to begin its work.

The City of Milwaukee anticipates approximately 7 working days of work prior to construction, approximately 7 working days during construction for traffic control changes for N. and S. 70th Street, N. and S. 68th Street, and W. Hawley Road, and approximately 12 working days after construction to perform their work.

Temporary lighting for S. Dana Court will be fed from mainline temporary lighting unit T-BHY-14 to the City of Milwaukee pole #125 at S. Dana Court. The contractor shall leave an approximately 3-ft coiled loop secured to the top of the pole. The City of Milwaukee will make the connection and continue the circuit for the remaining lighting along S. Dana Court.

City of Milwaukee – Wisconsin Signals maintains existing traffic signal facilities within the project limits at the following locations:

- W. Kearney Street & S. 70th Street
- W. O'Connor Street & S. 70th Street
- W. Kearney Street & S. 68th Street
- W. O'Connor Street & S. 68th Street
- S. Hawley Road & I-94 Ramps
- N. Hawley Road & W. Bluemound Road
- N. Hawley Road & W. Wisconsin Avenue

Some work locations have traffic signals attached to street lighting facilities that will be impacted by the proposed work. Locations where street lighting and traffic signal facilities coincide are shown on the plans. City of Milwaukee street lighting and traffic signals staff will coordinate with each other as needed during construction.

Construct, remove, discontinue, and leave in place portions of traffic signal facilities as shown in the plans and in the bid items for this project.

City of Milwaukee will provide electrical service for the traffic signals. Contact signals field contact Rudy Gutierrez at (414) 286-5941 (office) or 414-708-5148 (cell) at least 20 working days in advance of work start. The City of Milwaukee will salvage the existing signal cabinets and controllers after temporary traffic signals are installed and active.

28. Notice to Contractor – Coordination of Electrical Outages with American Transmission Company (ATC).

Replace entire article language with the following:

American Transmission Company (ATC) has 138 kV overhead transmission lines along the north side of IH 94 within the project limits (approximately 100 to 220 feet left of the EW alignment), with crossings at Hawley Road, 70th Street, 68th Street, and 64th Street. These lines will remain energized for the duration of construction. The contractor shall maintain OSHA-specified Minimum Approach Distances (MADs) from these energized lines at all times. It is the contractor's responsibility to determine the required clearance for the equipment in use and to ensure these minimum distances are maintained 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.

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 driveway at Hawley Road. 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.

Contractors must notify ATC at least three (3) working days in advance of:

- any grade change (cut or fill) occurring within one (1) foot of an ATC facility.
- any excavation up to three (3) feet deep within ten (10) feet of an ATC facility.
- any excavation greater than three (3) feet deep within twenty (20) feet of an ATC facility.
- any grade changes exceeding one (1) foot from the WisDOT PS&E drawings within twenty (20) feet horizontally of an ATC facility, including overhead wires.
- and any directional boring or plowing work within ten (10) feet of an ATC facility.

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 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. While ATC is working to reserve outage windows from May 1, 2028, through August 31, 2028, for partial circuit outages, and from December 1, 2027, through January 12, 2028, for full circuit outages, no formal outage requests have been submitted by WisDOT at this time. The contractor is expected to formally submit an outage request and coordinate with ATC in accordance with project requirements. It is the contractor's responsibility to review their construction schedule and determine whether the periods ATC is tentatively reserving are suitable for their operations, or if alternate outage windows should be requested.

All outages and coordination for the temporary removal and reinstallation of overhead lines into the Greves Substation must be coordinated jointly with WisDOT, We Energies, and 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.

132. DELETED

223. Detention Pond Anti-Seep Collar, Item SPV.0060.8002.

Replace entire article language with the following:

A Description

This special provision describes furnishing and installing low permeable clay around pipes at pond outlet control structures at the locations shown on the plans.

B Materials

For each source, prior to excavating and hauling the clay to the project, submit the results of the laboratory source screening tests described in Table 1. Laboratory test results of the clay must meet or exceed the requirements before placing material.

Submit source screening test results to the engineer for review, two weeks prior to clay placement.

C Construction

Construct clay anti-seep collars to the locations and extents as shown in the plans. Construct, place, and compact clay for anti-seep collars as specified below.

C.1.1 Subgrade

Compact the subgrade to the minimum density using standard spec 207.3.6.2 Standard Compaction, or as otherwise specified in the contract requirements.

C.1.2 Clay Placement

After the fine grading is complete, place and compact clay in compacted 6-inch lifts. Place each lift of clay in one continuous lift. Measure the thickness of the clay, as shown in the plans, perpendicular to the surface.

Notify the engineer at least three days before starting construction of clay around pipes at outlet control structure.

Table 1

Reference	Number	Test Title	Requirements	Testing Frequency	
				Source Screening	Project Testing
AASHTO ¹	T99-01	Moisture –Density Relationships of Soils Using a 2.5-kg (5.5 lb) Rammer a 305 mm (12-in.) Drop (Standard Proctor)	NA	1/source	NA
AASHTO	T-88-00	Particle Size Analysis of Soils	$P_{200}^3 \geq 50\%$	2/source	1/lift
AASHTO	T-89-02	Determining the Liquid Limit of Soils	$LL^4 \geq 22\%$	2/source	1/lift
AASHTO	T-90-00	Determining the Plastic Limit and Plasticity Index of Soils	$PI^5 \geq 12\%$	2/source	1/lift
AASHTO	T310-03	In-Place Density and Moisture Content of Soils and Soil-Aggregates by nuclear Methods (Shallow Depth)	$DD^6 \geq 95\%$ of the MDD ⁷	NA	100'x100' Grid/lift
ASTM ²	D5084-03	Standard Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	$K^8 \leq 1 \times 10^{-7}$ cm/sec	1/source ⁹	1/site ¹⁰

Notes:

1. AASHTO = American Association of State Highway and Transportation Officials
2. ASTM = American Society of Testing and Materials
3. P200 = Percent by weight passing the #200 sieve (%)
4. LL = Liquid Limit (%)
5. PI = Plasticity Index (%)
6. DD = Dry Density (pcf)
7. MDD = Maximum Dry Density (pcf) as determined by the Standard Proctor Test
8. K = Hydraulic Conductivity (cm/sec)
9. The sample for the test shall be remolded at a minimum dry density of 95% of the maximum dry density as determined by the Standard Proctor test and at a moisture content required to achieve the required hydraulic conductivity, but with a minimum moisture content at or above the optimum moisture content as determined in the Standard Proctor test.
10. An undisturbed sample from a thinned walled sampler (Shelby tube)

Compact the clay to a minimum of 95% Standard Proctor AASHTO T-99 Maximum Dry Density with footed compaction equipment having feet at least as long as the loose lift height. As needed, clay shall be disked or otherwise mechanically processed before compaction to break up clods and allow moisture content adjustment. Clod size shall be no greater than 4 inches. All compaction equipment utilized shall have a minimum static weight of 30,000 pounds.

Provide all equipment necessary to adjust clay to the proper moisture content for compaction.

Make sufficient number of passes of the compaction equipment over each lift of clay to ensure complete remolding of the clay.

Do not proceed with placement of additional lifts until all required clay testing and documentation has been completed for the previous lift.

During placement of the clay the minimum moisture content shall be as defined by the testing performed in the source screening evaluation and with the following limits:

- No drier than the optimum moisture content as determined by the Standard Proctor test.

If the in-place clay fails to meet the requirements of Table 1, then remove and replace or rework any portion of the clay not meeting the project requirements until project specifications are met. There shall be no compensation for removing, replacing and reworking clay not meeting the requirements in Table 1.

C.1.4 Project Testing and Acceptance

Perform all project testing at the frequency shown in Table 1 except for project testing for ASTM D5084-03 Standard Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter, which will be done by the department. Record clay thickness on a 100 foot x 100 foot grid pattern.

Provide the following:

- Access for on-site testing, inspection, and documentation.
- Machinery required to grade/blade density test locations.
- Machinery required to collect undisturbed clay samples (i.e., with Shelby tubes).
- Replace and recompact clay material removed for testing purposes.

Perform sampling, testing, and documentation for project testing in Table 1, required under this provision using HTCP certified technicians. Have a HTCP Grading Technician I (GRADINGTEC-I); or Assistant Certified Technician, Grading (ACT-GRADING); or Aggregate Technician I (AGGTEC-I); or Assistant Certified Technician, Aggregate (ACT-AGG) present at each grading site during all clay placement, compaction, and sampling/testing activities. Have a HTCP Nuclear Density Technician I (NUCDENSITYTEC-I) or Assistant Certified Technician, Nuclear Density Gauge Operator (ACT-NUC) perform field density and field moisture content testing.

If an Assistant Certified Technician (ACT) is performing sampling or testing, a certified technician must coordinate and take responsibility for the work an ACT performs. Have a certified technician ensure that all sampling and testing is performed correctly, analyze test results, and post resulting data. No more than one ACT can work under a single certified technician.

Perform all project testing with a department approved laboratory.

C.1.5 Department Testing

The department will perform the project testing for ASTM D5084-03 Standard Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter.

D Measurement

The department will measure Anti-Seep Collar by the each acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.8002	Detention Pond Anti-Seep Collar	EACH

Payment is full compensation for dewatering areas of site where the low permeable clay is to be placed; for furnishing and placing and compacting the low permeable clay and all incidentals to complete the work.

281. Install State Furnished Sign, Item SPV.0060.0955.

A Description

Work under this special provision shall comply with standard spec 638 as described for erecting State Owned Signs, except as otherwise defined for this item

B (Vacant)

C Construction

Erect state owned signs as described in standard spec 638.3.7. At the completion of the project, remove the signs and return them to the WisDOT Sign Shop. Contact Michael Vanness 10 days in advance to arrange for delivery.

D Measurement

The department will measure Install State Furnished Sign by each individual sign location, acceptably installed and removed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0955	Install State Furnished Sign	EACH

Payment is full compensation for work required under this item; picking up the sign, installing the sign, removing the sign, returning the sign to the WisDOT Sign Shop, and restoring the site. Payment does not include compensation for furnishing new wood posts, which are paid for under the pertinent contract bid item.

282. Removing or Abandoning Miscellaneous Structures.

Replace standard spec 204.5.1(3) with the following:

When backfilling with Backfill Granular as specified in this special provision article or as directed by the engineer, the item Backfill Granular is considered incidental to the appropriate bid item.

At locations where Backfill Granular is not specified, contractor may choose to use either Backfill or Backfill Granular, and no separate payment will be made for using Backfill Granular.

Supplement standard spec 204.3.2.2 with the following:

Backfill existing storm sewer or existing storm sewer structure locations shown for removal or abandonment outside the new traveled way with native backfill immediately after completing the sewer work. Backfill according to standard spec 209 within the traveled way.

All backfill, including native material, provided for removal or abandonment of existing storm sewer structured and piped is considered incidental to the appropriate bid item.

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**283. Marking Epoxy 6-Inch Black Non Grooved, Item SPV.0090.0274;
Marking Epoxy 10-Inch Black Non Grooved, Item SPV.0090.0275.**

A Description

This special provision describes applying epoxy black marking conforming to standard spec 646, as the plans show, and as follows.

B Materials

Furnish 6" or 10" black epoxy pavement marking materials conforming to standard spec 646.

C Construction

Apply 6" or 10" black epoxy conforming to standard spec 646.3.

D Measurement

The department will measure Marking Black Non Grooved items by the linear foot acceptably completed, measured once as the length of the centerline of the completed installation.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.0274	Marking Epoxy 6-inch Black Non Grooved	LF
SPV.0090.0275	Marking Epoxy 10-inch Black Non Grooved	LF

Payment shall be in accordance with standard spec 646.5.

Schedule of Items

Attached, dated August 25, 2025, are the revised Schedule of Items Pages 1 – 58.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 4, 31-34, 51, 64, 126-127, 467-468, 471, 622, 629-633, 670, 671, 686, 687-688, 694-697, 702, 703, 709-712, 717, 718, 724-727, 732, 733, 739-742, 762, 768-770, 837, 912, 960-961, 977, 979, 981, 1148, 1158, 1161, 1165, 2110, 2112, 2120, 2143 and 2455-2481.

Added: 39A, 74A, 127A, 162A and 762A.

END OF ADDENDUM

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ELECTRIC DISPATCH: (800) 662-4757

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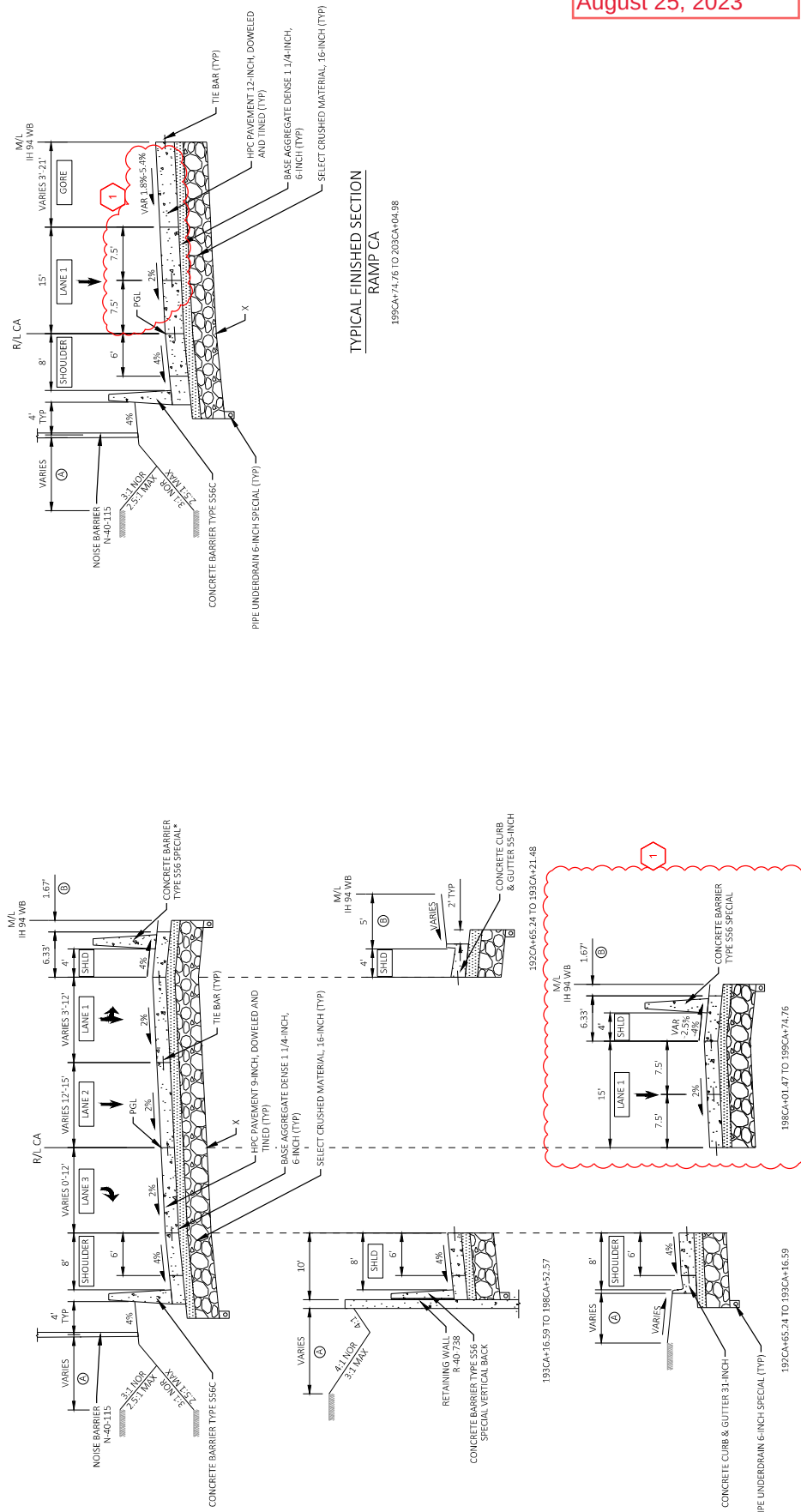
WE ENERGIES

ELECTRICITY

JAKE CHRISTENSEN

W140N9100 LULLY RD

MENOMONEE FALLS, WI 53051



Addendum No. 01
ID 1060-27-71
Revised Sheet 31
August 25, 2023

TYPICAL FINISHED SECTION
RAMP CA

193CA+65.24 TO 199CA+74.76

LEGEND

- ① 6" TOPSOIL, SEEDING MIXTURE NO. 20, AND FERTILIZER TYPE B
- ② 6" TOPSOIL, SEEDING MIXTURE NO. 75, SEEDING NURSE CROP, AND FERTILIZER TYPE B
- ③ 6" TOPSOIL, FERTILIZER TYPE B, AND SOO LAWN

NOTE

LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

NOTES
PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS SECTION
* CONCRETE BARRIER TYPE 542 SPECIAL STATION 193CA+21.48 TO 194CA+95.50

PROJECT NO: 1060-27-71

HWY: IH 94

COUNTY: MILWAUKEE

TYPICAL SECTIONS

SHEET

31

E

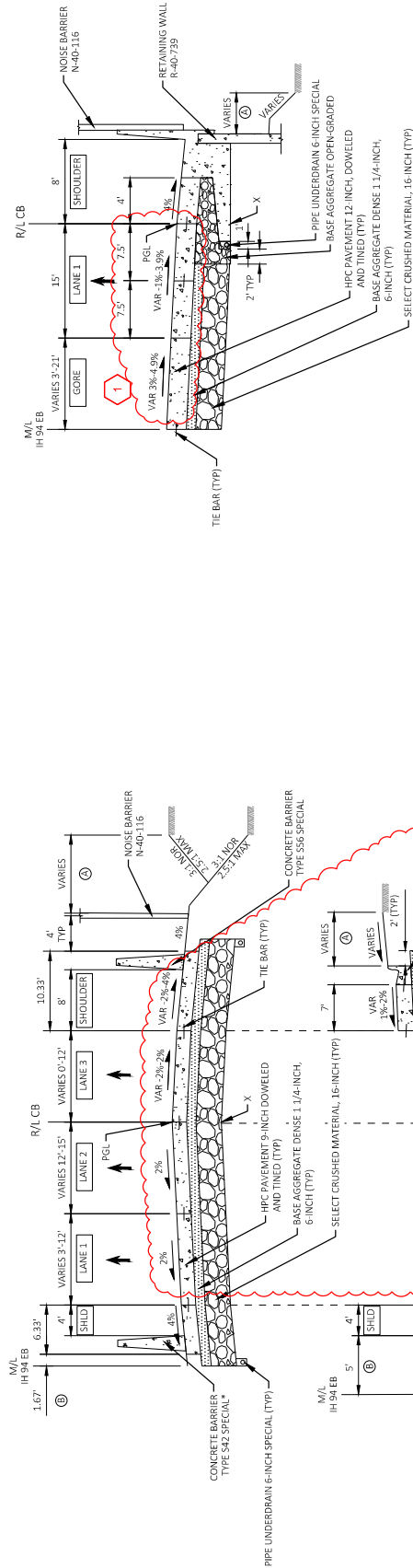
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PLOT DATE: 8/21/2025 10:56 AM

PLOT BY: FERUGSON, JULE

PLOT SCALE: 1:15

WISDOT/C-ADDS SHEET 12



TYPICAL FINISHED SECTION
RAMP CB

299CB+33.66 TO 302CB+03.36

Addendum No. 01
ID 1060-27-71
Revised Sheet 32
August 25, 2023

TYPICAL FINISHED SECTION
RAMP CB

292CB+51.92 TO 295CB+33.66

- LEGEND
- ① 6" TOPSOIL, SEEDING MIXTURE NO. 20, AND FERTILIZER TYPE B
 - ② 6" TOPSOIL, SEEDING MIXTURE NO. 75, SEEDING NURSE CROP, AND FERTILIZER TYPE B
 - ③ 6" TOPSOIL, FERTILIZER TYPE B, AND SOO LAWN

NOTE
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

NOTES
PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS SECTION
* CONCRETE BARRIER TYPE S42C SPECIAL STATION 298CB+40.00 TO 299CB+33.66

PROJECT NO: 1060-27-71

HWY: IH 94

COUNTY: MILWAUKEE

TYPICAL SECTIONS

SHEET

32

E

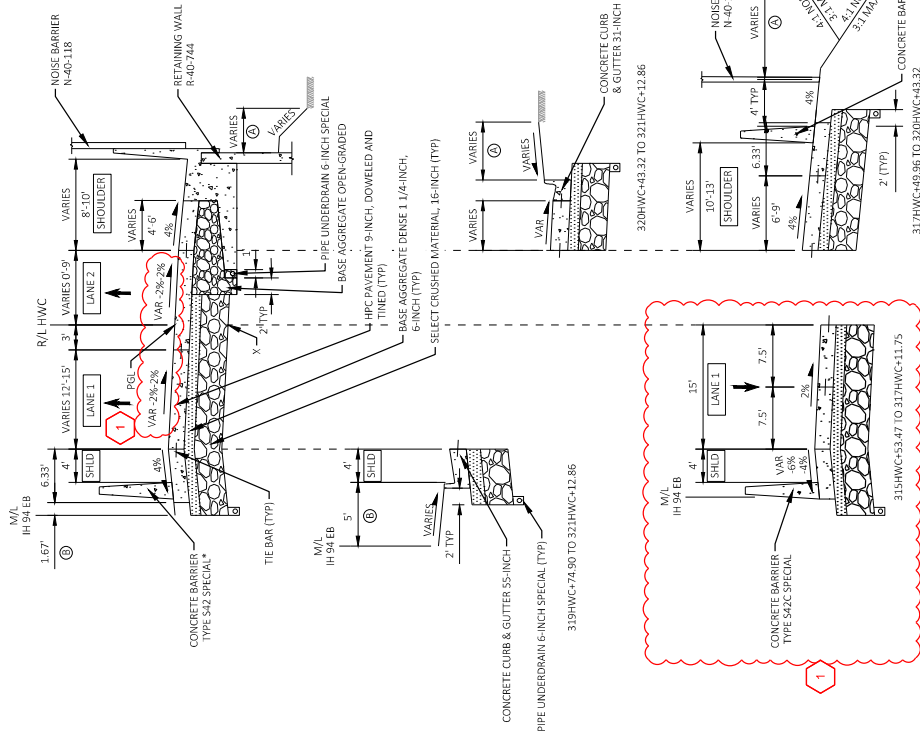
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PLOT BY: FERGUSON, JULIE

PLOT NAME:

PLOT SCALE: 1:15

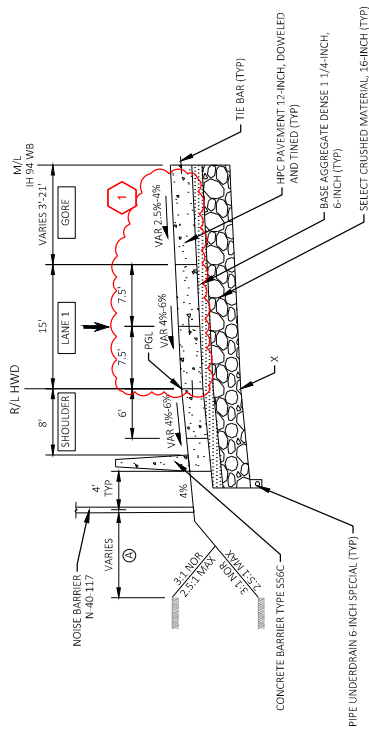
WISDOT/C-ADDS SHEET 12

TYPICAL FINISHED SECTION
RAMP HWC

315HWC+53.47 TO 321HWC+12.86

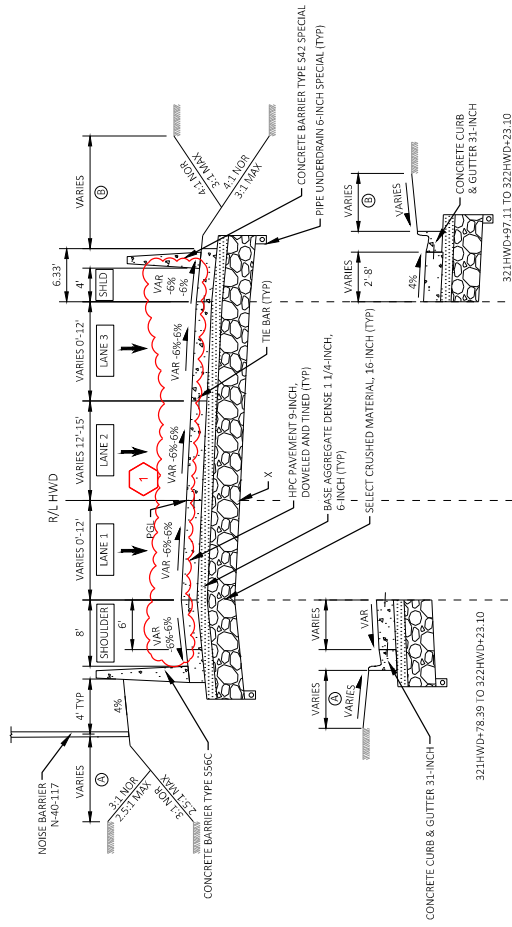
NOTES
PGL = POINT REFERRED TO ON PROFILE AND PIVOT POINT FOR SUPERELEVATION
X = POINT REFERRED TO ON CROSS SECTION
*CONCRETE BARRIER TYPE S42C SPECIAL STATION 315HW+53.47 TO 317HW+51.03

PROJECT NO: 1060-27-71		HWY: IH 94	COUNTY: MILWAUKEE	TYPICAL SECTIONS		SHEET 33	
FILE NAME: C:\USERS\FERJ013\DC\ACAD\GDOS\WISDOT\10602709\PROJECT FILES\WEST SEGMENT\10602771\SHEETS\02 TYPICALDETAIL\10602707-000403-75.DWG		PLOT DATE: 8/21/2005 10:57 AM		PLOT BY: FERGUSON, JULE	PLOT NAME:	PLOT SCALE: 1:15	WISDOT\CAODS

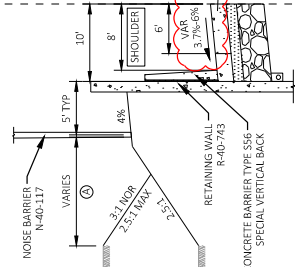


TYPICAL FINISHED SECTION RAMP HWD

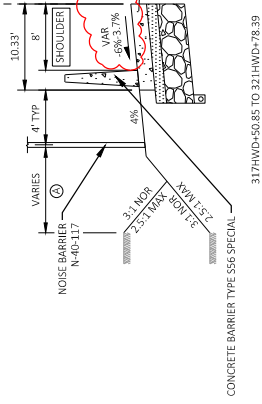
313HWD+31.16 TO 314HWD+46.30



321HWD+78.39 TO 322HWD+23.10



316HWD+30.00 TO 317HWD+50.85



- LEGEND**
- ① 6" TOPSOIL, SEEDING MIXTURE NO. 20, AND FERTILIZER TYPE B
 - ② 6" TOPSOIL, SEEDING MIXTURE NO. 75, SEEDING NURSE CROP, AND FERTILIZER TYPE B
 - ③ 6" TOPSOIL, FERTILIZER TYPE B, AND SOO LAWN

NOTE
LOCATIONS OF EROSION MAT ARE SHOWN ON EROSION CONTROL PLANS

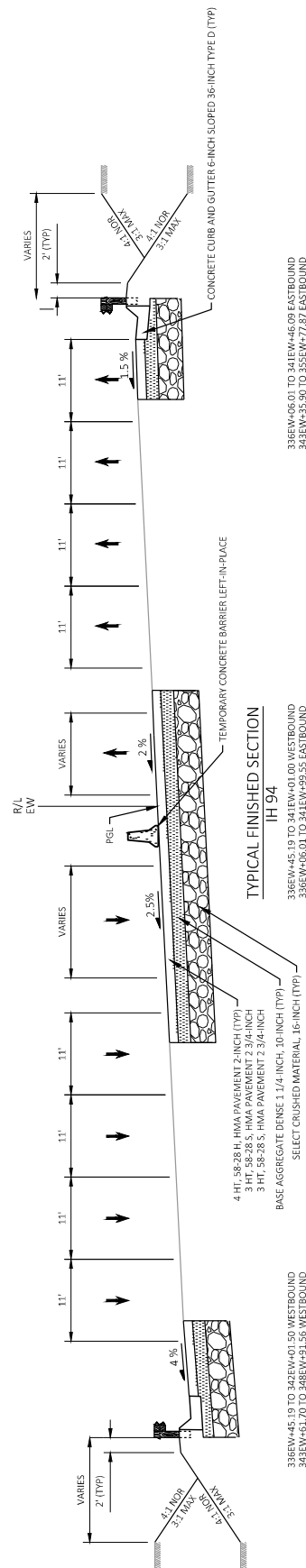
NOTES
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X = POINT REFERRED TO ON CROSS SECTION

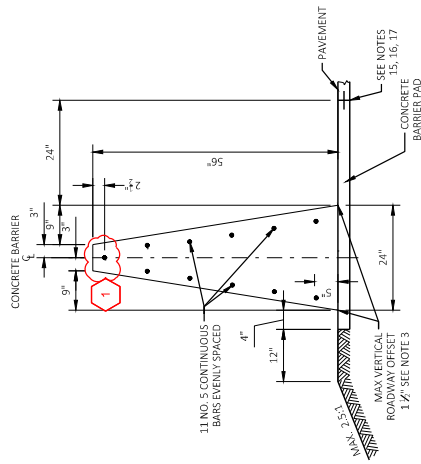
Addendum No. 01
ID 1060-27-71
Revised Sheet 34
August 25, 2023

PROJECT NO:	1060-27-71	HWY:	IH 94	COUNTY:	MILWAUKEE	TYPICAL SECTIONS	SHEET	34	E
FILE NAME:	C:\USERS\VERGUGU\2\DWG\CCDC\03\WISDOT\10602771\PROJECT FILES\WEST SEGMENT\10602771\SHEETS\02 TYPICAL\DETAIL\10602707-020493-TS.DWG	8/21/2025 10:57 AM	8/21/2025 10:57 AM	FERGUSON, JULIE	1:15				
LAYOUT NAME:	05								

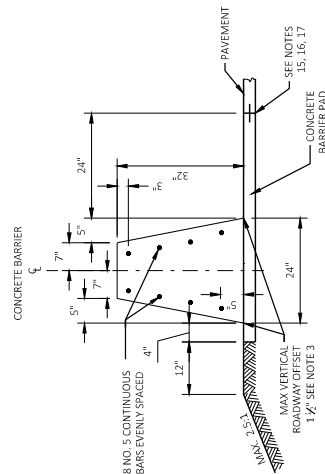
WISDOT/C-005 SHEET 42

PROJECT NO.: 1060-27-71						COUNTY: MILWAUKEE		TYPICAL SECTIONS		SHEET 39a	
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LAYOUT NAME - 01						WISDOT/CADDIS SHEET 42					

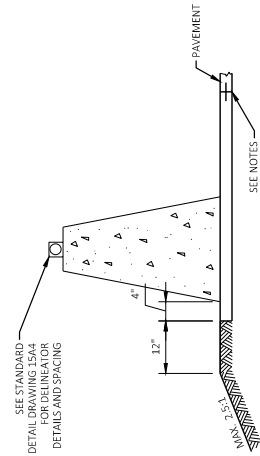




CONCRETE BARRIER TYPE S42 SPECIAL



CONCRETE BARRIER TYPE S32 SPECIAL



DELINEATION

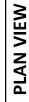
GENERAL NOTES

1. WHERE THE CONCRETE BARRIER IS ADDED TO THE FACE OF EXISTING CONCRETE STRUCTURE, MATCH EXISTING WEEP HOLES.
2. EXPANSION JOINTS IN CONCRETE BARRIER SHALL BE LOCATED AT ALL DECK AND PRINCIPAL WALL JOINTS. EXPANSION JOINT FILLER MATERIAL SHALL BE THE SAME SIZE AS JOINT OF #2 MINIMUM.
3. WHERE VERTICAL ROADWAY OFFSET IS GREATER THAN 1", USE TYPE A.
4. PLACE BARRIER PERPENDICULAR TO SHOULDER GRADE, UNLESS INDICATED IN PLAN.
5. EXCEPT IN ANCHORS, VERTICAL REINFORCING STIRRUP NOT REQUIRED FOR ROADWAY OFFSETS LESS THAN 1" - 0".
6. MONOLITHIC FOOTING OR CONVEYED FOOTING 2' - 4# X 8" @ 2' - 0".
7. STAGGER LAPPING OF LONGITUDINAL STEEL MINIMUM OVERLAP OF STEEL 2 FEET BARS AT LAPS TO BE FIRMLY TIED OR CONNECTED.
8. 4000 PSI CONCRETE AN ENTRAINMENT PER STANDARD SPECIFICATION 501.
9. WHEN SWITCHING BETWEEN SLIP FORM AND CAST-IN-PLACE OPERATIONS, EXTEND LONGITUDINAL STEEL 3 FEET BEYOND SLIP FORMING CUT-OFF POINT. EXPOSED STEEL INTO NEXT POURS REINFORCEMENT. LAPS TO BE FIRMLY TIED.
10. USE #4 BEVEL OR 1" RADIUS ON ALL EXPOSED SHARP EDGES UNLESS OTHERWISE NOTED.
11. 12" CLEAR COVER TOPPED
12. COLD JOINTS MAY BE USED BETWEEN ANCHOR INSTALLATIONS. WHEN A COLD JOINT IS NEEDED, 3 FEET OF LAP OF LONGITUDINAL STEEL IS REQUIRED. LAPS TO BE FIRMLY TIED.
13. NO ADDITIONAL VERTICAL STEEL IS NEEDED.
14. FOR ALL BARRIER TYPES SHOWN, ANCHOR IS REQUIRED AT CONCRETE BARRIER ENDS AND AT INTERRUPTIONS IN CONCRETE BARRIER. ANCHOR TO BE AS SHOWN ON OTHER CONSTRUCTION DETAILS IN THESE PLANS OR AS SHOWN ON SD 14B33. END ANCHORS TO BE PAID SEPARATELY. THREE BEAM ANCHORS ARE INCIDENTAL TO CLASS.
15. CONCRETE PAD UNDER CARS MAY BE PAID SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED FULL DEPTH. SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER BID ITEM. CONCRETE PAD IS EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER AND SHALL BE PAID UNDER HPC PAVEMENT BID ITEM.
16. CONSTRUCTION JOINTS MAY BE ELIMINATED WHEN CONCRETE SHOULDER IS LESS THAN 10".
17. SEE SD 13C1 FOR DETAILS TYING BARRIER FOOTING TO ADJACENT CONCRETE.
18. PROVIDE A 1" DEEP CONTRACTION JOINT IN BARRIER FOOTING AND BARRIER JOINT IS TO MATCH ADJACENT CONCRETE JOINTS.

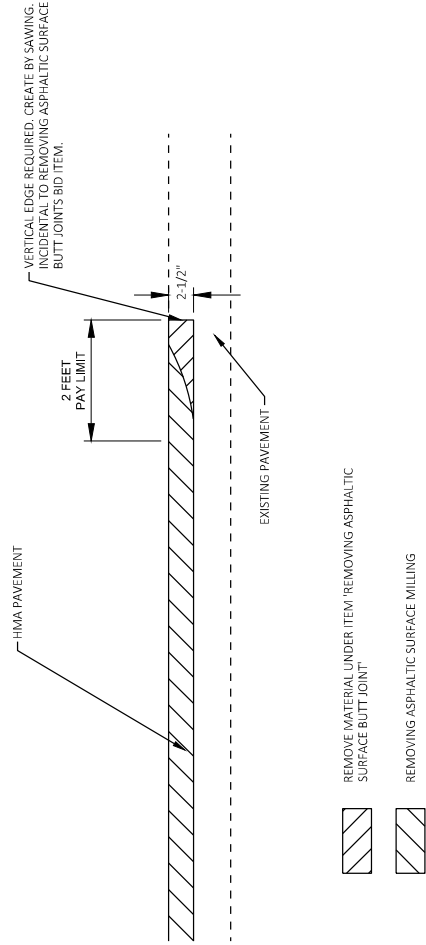
Addendum No. 01
ID 1060-27-71
Revised Sheet 51
August 25, 2023

SECTION B-B

CONCRETE BARRIER REVERSE FOOTING - INLET/SLOTTED DRAIN TYPICAL DETAIL

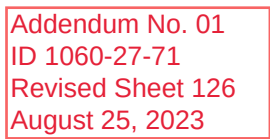


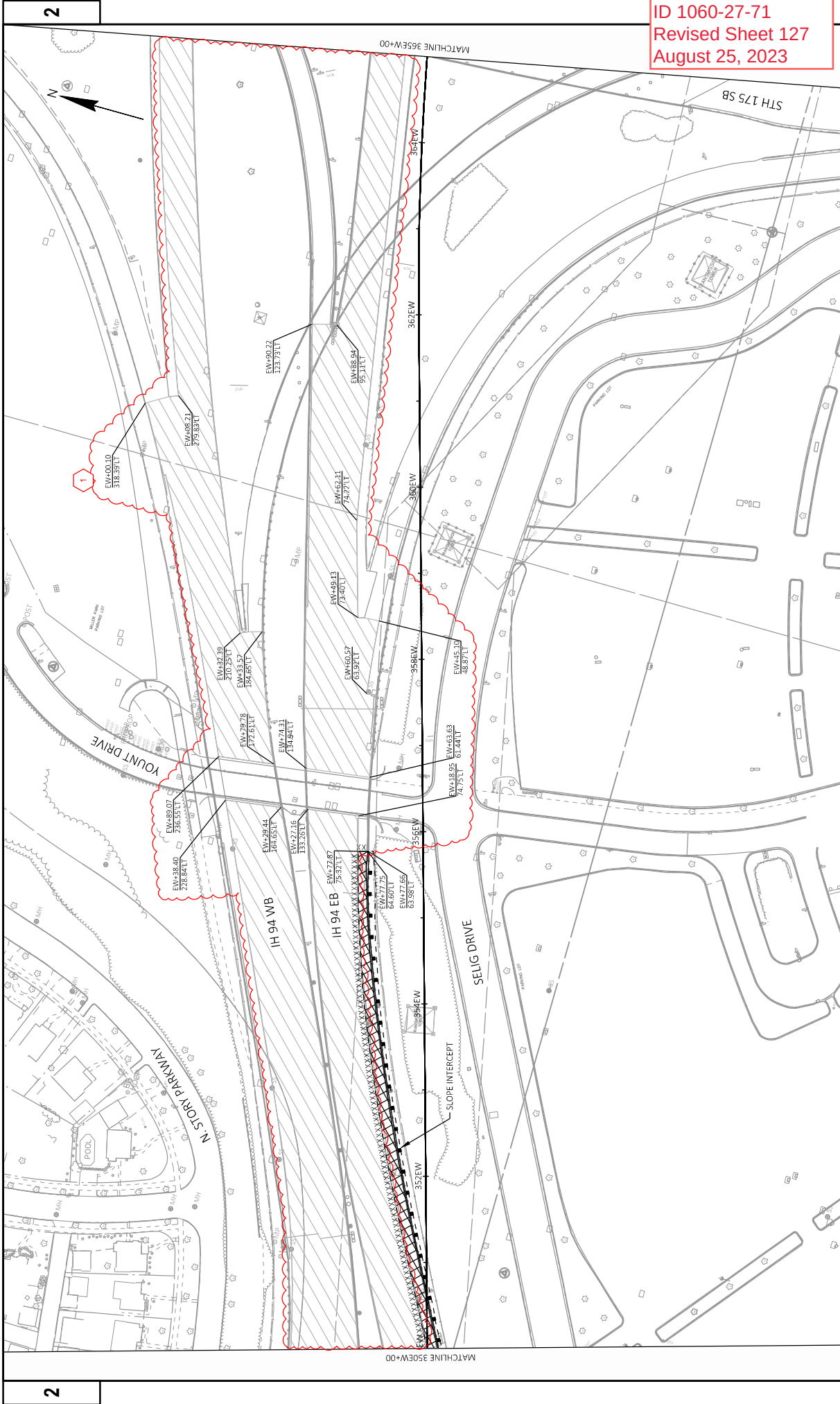
Addendum No. 01
ID 1060-27-71
Added Sheet 74A
August 25, 2023

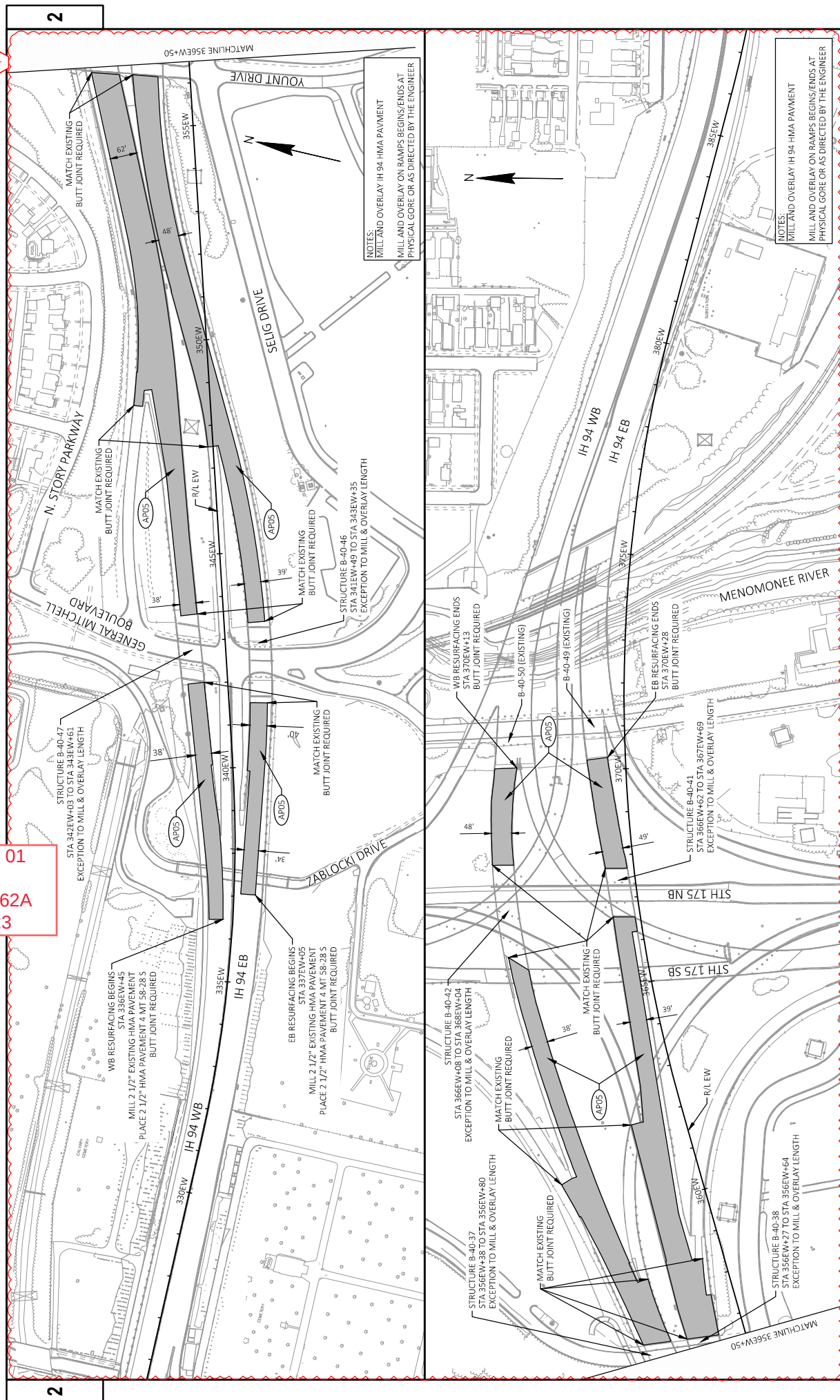


BUTT JOINT - NO CHANGE IN PROFILE

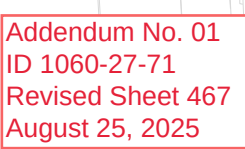
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LAYOUT NAME: 27					
PLOT DATE: 8/20/2025 1:20 PM					
PLOT BY: BLUM, BRADLEY					
PLOT NAME:					
PLOT SCALE: 1 IN=10 FT					
WISDOT 74-005 SHEET 42					

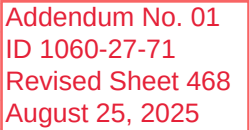


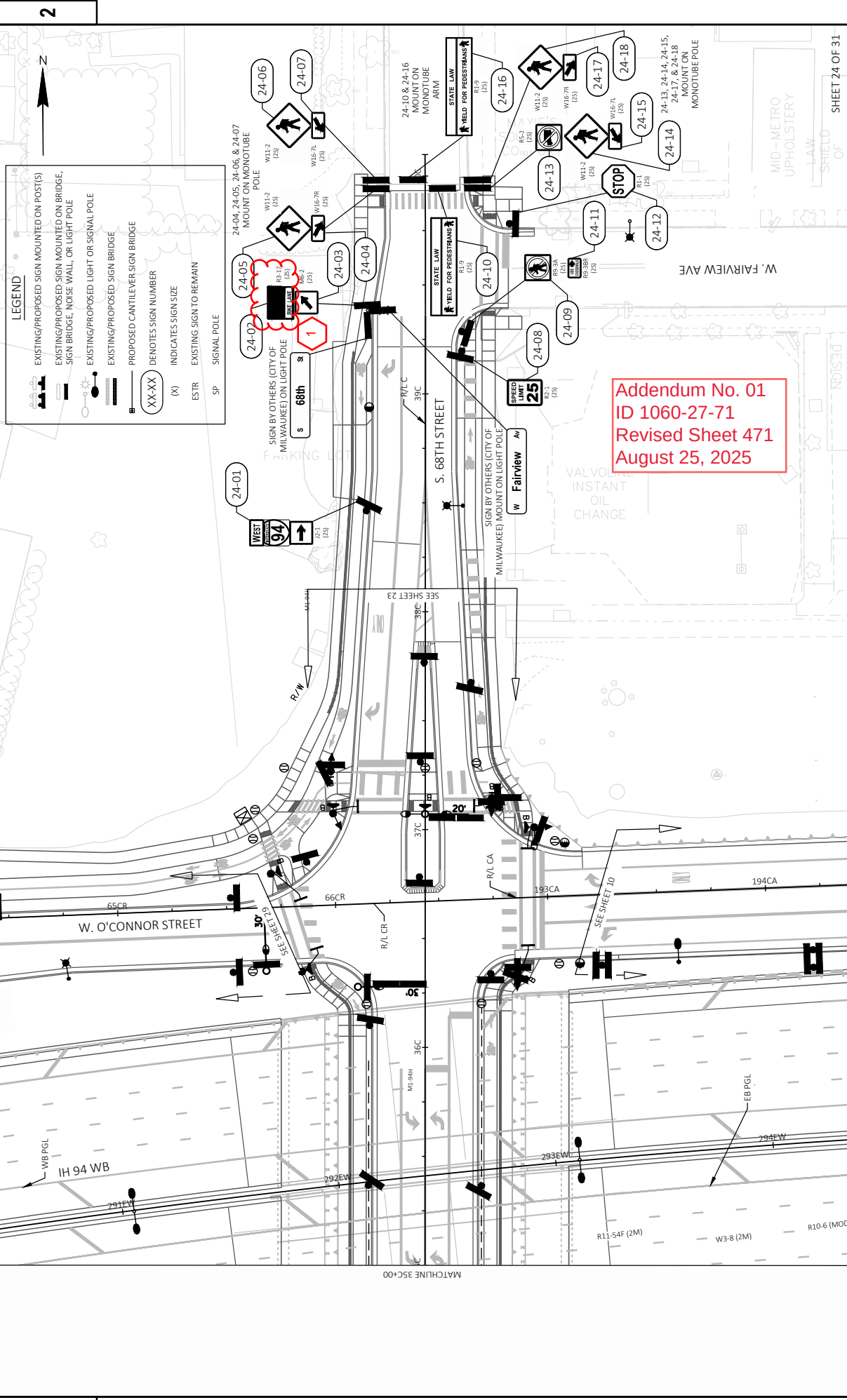




FILE NAME:	CLIENTS\FERGUSON\2020\ACCORDS\WINSTON\10602703\PROJECT FILES\WEST SEGMENT\15602771\SHEET 002\10602702\022021_P01.MXD.DWG	PLOT DATE:	8/15/2025 8:20:04M	PLOT BY:	FERGUSON, JULIE	PLOT NAME:	1:1N=200 FT
PROJECT NO:	1060-27-71	HWY:	IH 94	COUNTY:	MILWAUKEE	PLAN DETAILS - MILL AND OVERLAY	E
						SHEET	162A







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HWY: IH 94	COUNTY: MILWAUKEE	PILOT DATE: 8/19/2025 3:25 PM
	SIGNING PLAN - PERMANENT - LOCAL ROADS	PILOT NAME: SAM FLINT
		PILOT SCALE: 1 IN 40 FT
	SHEET 471	E

- 1

1 MARKING LINE EPOXY 4-INCH (YELLOW)
- 3

3 MARKING LINE EPOXY 4-INCH (WHITE)
- 6

6 MARKING LINE EPOXY 4-INCH (DOT PATTERN YELLOW) (3' LINE, 9' SKIP)
- 8

8 MARKING LINE EPOXY 4-INCH (DOT PATTERN WHITE) (10' LINE, 30' SKIP)
- 10

10 MARKING LINE EPOXY 6-INCH (YELLOW)
- 12

12 MARKING LINE EPOXY 6-INCH (WHITE)
- 13

13 MARKING LINE EPOXY 6-INCH (DASHED WHITE) (12.5' LINE, 37.5' SKIP)
- 14

14 MARKING LINE EPOXY 6-INCH (DOT PATTERN WHITE) (3' LINE, 9' SKIP)
- 17

17 MARKING LINE GROOVED BLACK EPOXY 6-INCH (DASHED BLACK) (12.5' LINE, 37.5' SKIP)
- 18

18 MARKING LINE GROOVED BLACK EPOXY 6-INCH (DOT PATTERN BLACK) (3' LINE, 9' SKIP)
- 19

19 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
- 20

20 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
- 21

21 MARKING LINE GROOVED WET REF EPOXY 6-INCH (DASHED WHITE) (12.5' LINE, 37.5' SKIP)
- 24

24 MARKING LINE GROOVED PERMANENT TAPE 6-INCH (DASHED WHITE) (12.5' LINE, 37.5' SKIP)
- 26

26 MARKING EPOXY 6-INCH BLACK NON GROOVED (DASHED BLACK) (12.5' LINE, 37.5' SKIP)
- 27

27 MARKING EPOXY 6-INCH BLACK NON GROOVED (DOT PATTERN BLACK) (3' LINE, 9' SKIP)
- 28

28 MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOT PATTERN WHITE) (3' LINE, 9' SKIP)
- 30

30 MARKING LINE EPOXY 8-INCH (WHITE)
- 31

31 MARKING LINE EPOXY 8-INCH (DOT PATTERN WHITE) (3' LINE, 9' SKIP)
- 35

35 MARKING LINE EPOXY 10-INCH (WHITE)
- 37

37 MARKING LINE EPOXY 10-INCH (DOT PATTERN WHITE) (3' LINE, 9' SKIP)
- 38

38 MARKING LINE GROOVED BLACK EPOXY 10-INCH (DOT PATTERN BLACK) (3' LINE, 9' SKIP)
- 39

39 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
- 41

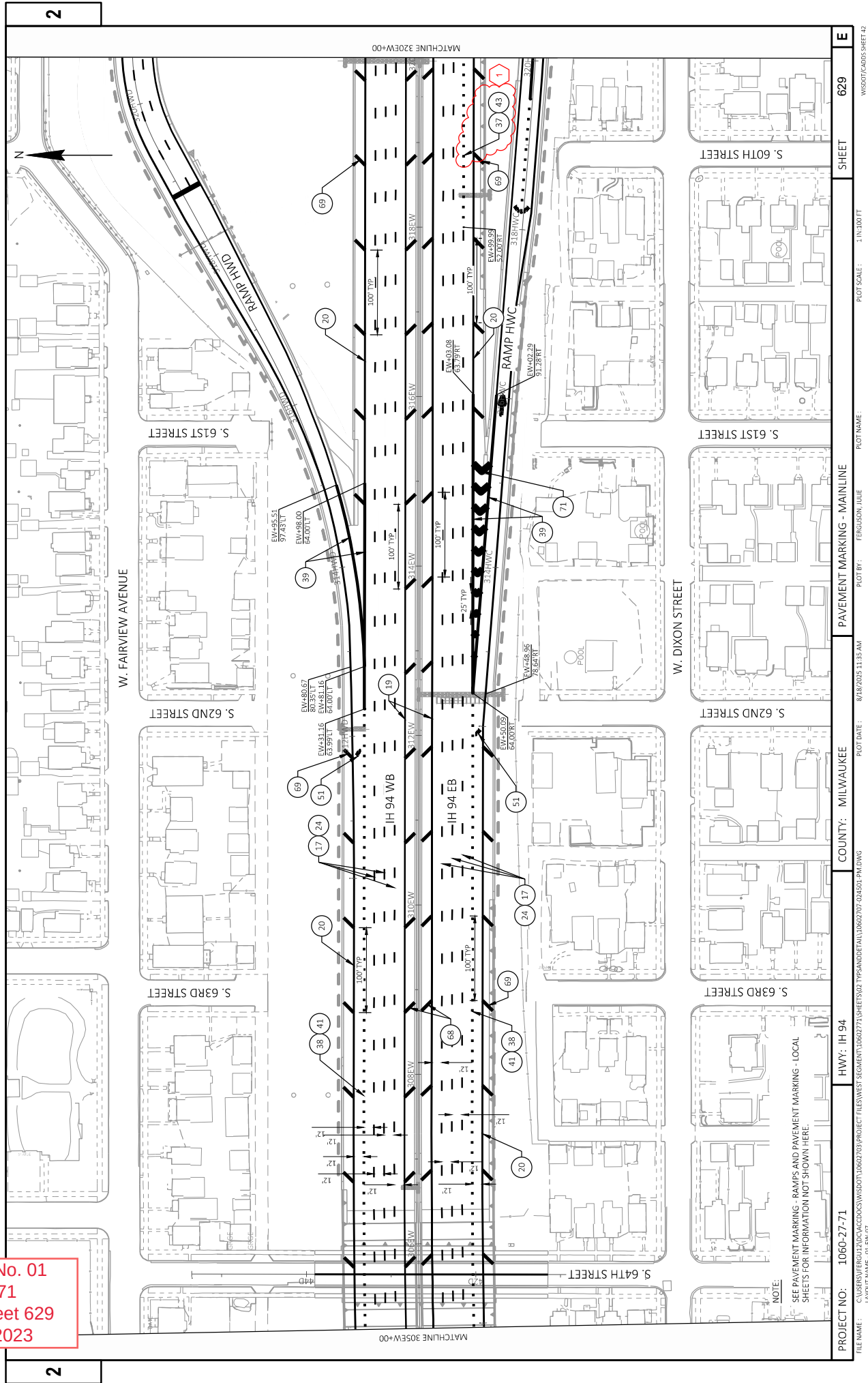
41 MARKING LINE GROOVED PERMANENT TAPE 10-INCH (DOT PATTERN WHITE) (3' LINE, 9' SKIP)
- 42

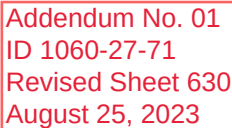
42 MARKING LINE GROOVED WET REF EPOXY 10-INCH (DOT PATTERN WHITE) (3' LINE, 9' SKIP)
- 43

43 MARKING EPOXY 10-INCH BLACK NON GROOVED (DOT PATTERN BLACK) (3' LINE, 9' SKIP)

Addendum No. 01
ID 1060-27-71
Revised Sheet 622
August 25, 2023

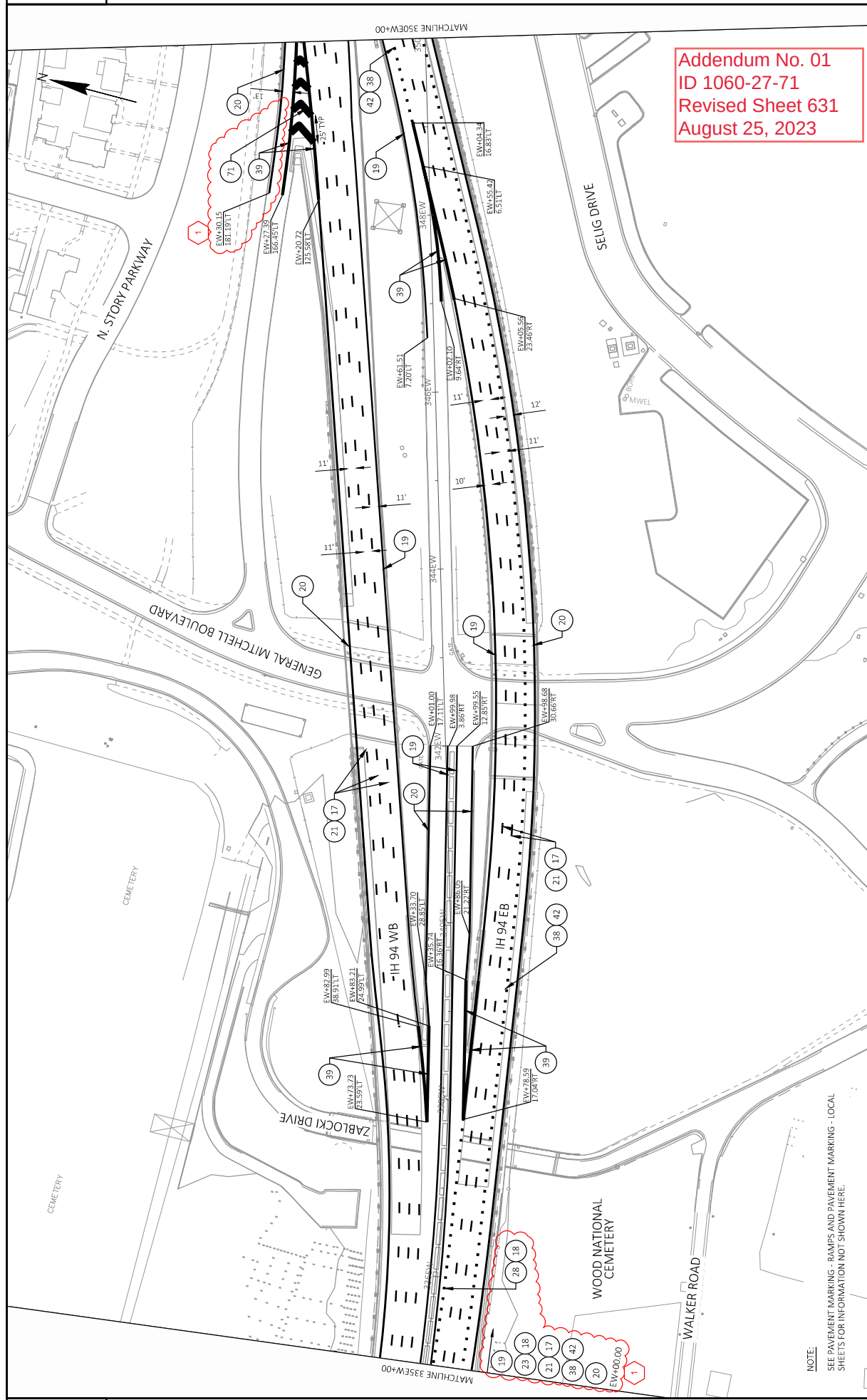
Addendum No. 01
ID 1060-27-71
Revised Sheet 629
August 25, 2023





SEE PAVEMENT MARKING - RAMPS AND PAVEMENT MARKING - LOCAL SHEETS FOR INFORMATION NOT SHOWN HERE.

PROJECT NO: 1060-27-71	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING - MAINLINE	SHEET 630
FILE NAME: C:\USERS\JFERG12\WORK\ACCDCOCS\WISDOT\10602703\PROJECT\SEGMENT\1060271\SHEET502.TPS\DRAWING		PLLOT DATE: 8/18/2025 11:35 AM	PLLOT BY: FERGUSON, JULIE	PLLOT SCALE: 1 IN=100 FT
TITLE NAME: C:\USERS\JFERG12\WORK\ACCDCOCS\WISDOT\10602703\PROJECT\SEGMENT\1060271\SHEET502.TPS\DRAWING			WISDOT/CADD/SHEET 42	

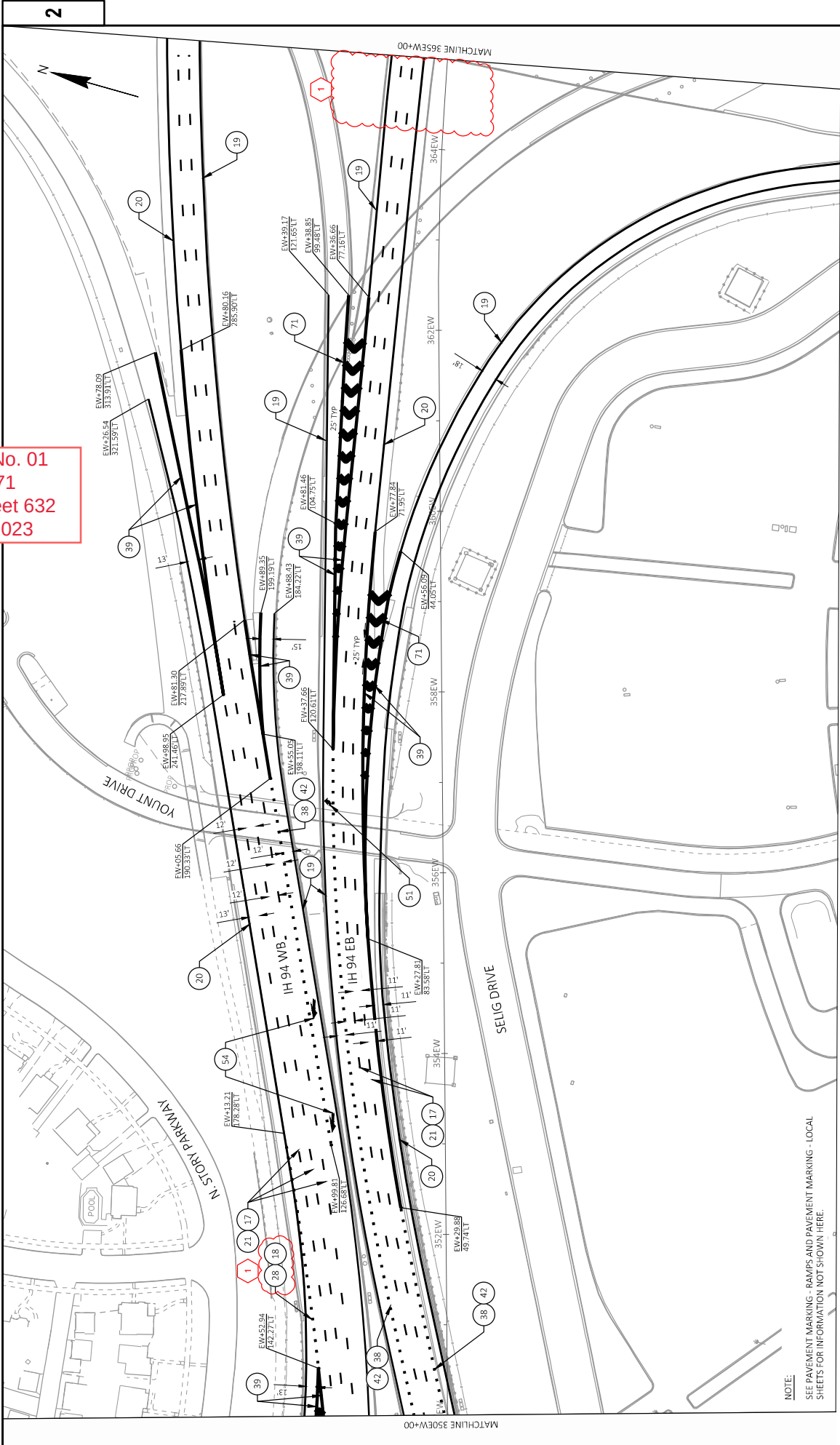


NOTE:

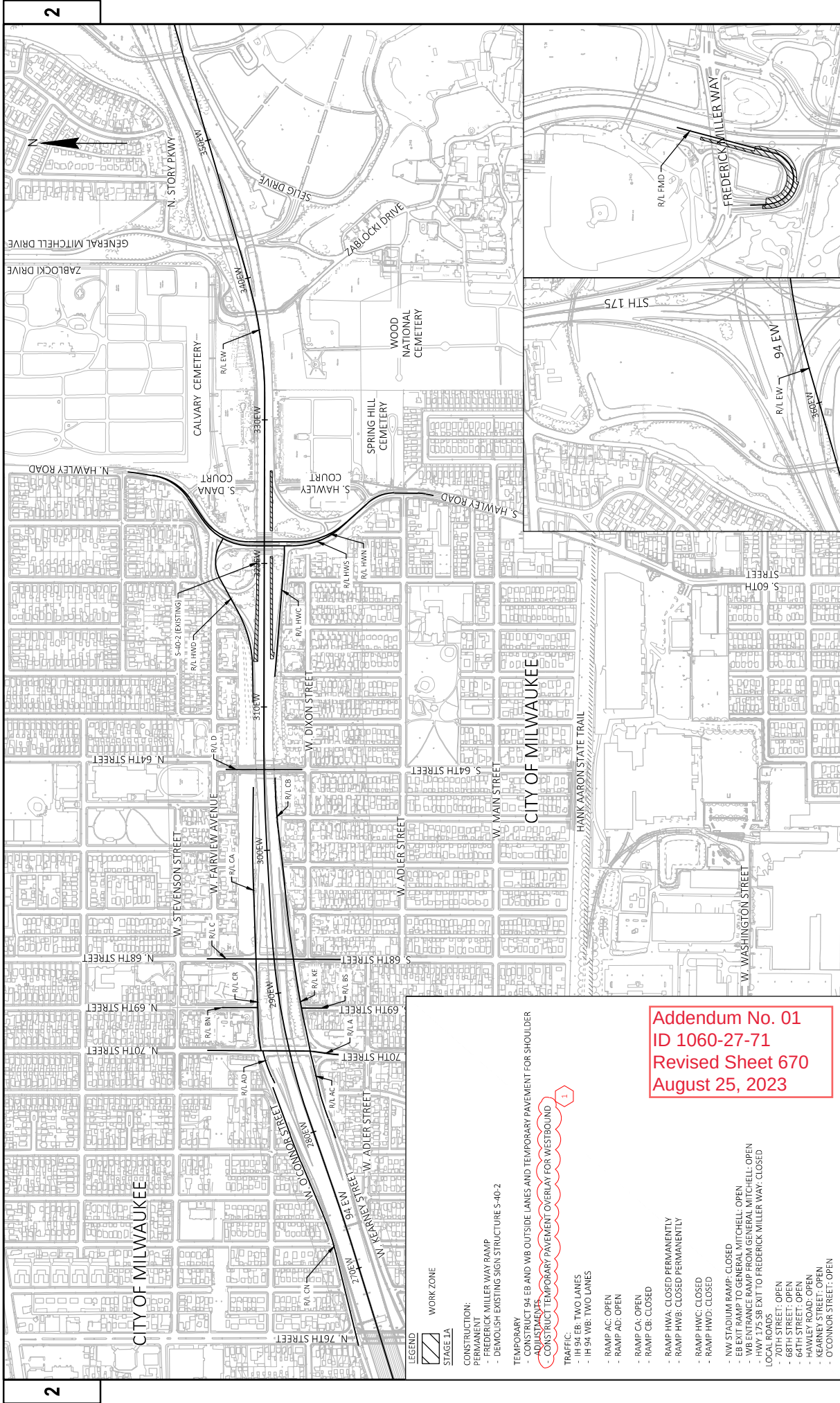
SEE PAVEMENT MARKING - RAMPS AND PAVEMENT MARKING - LOCAL SHEETS FOR INFORMATION NOT SHOWN HERE.

PROJECT NO:	1060-27-71	HWY:	IH 94	COUNTY:	MILWAUKEE	PAVEMENT MARKING - MAINLINE	E
FILE NAME: C:\USERS\FERGUSJ\2025\ACCIDENTS\10602771\PROJECT FILES\WEST SEGMENT\10602771\SHEETS\02 TYPEDRAWING 10602707 042501_PML.DWG PLOT DATE: 8/18/2025 12:05 PM PLOT BY: FERGUSON, JULIE PLOT NAME: 1 IN=100 FT PLOT SCALE: 1 IN=100 FT							
SHEET							631

Addendum No. 01
ID 1060-27-71
Revised Sheet 632
August 25, 2023



PROJECT NO: 1060-27-71	HWY: IH 94	COUNTY: MILWAUKEE	PAVEMENT MARKING - MAINLINE	SHEET 632	E
FILE NAME: C:\USERS\VERGUTZ\WORK\CDOS\WISDOT\10602703\PROJECT FILES\WEST SEGMENT\10602771\SHEETS\02 TYPES\DETAIL\10602707-024501-PMLDWG	8/18/2025 12:21 PM	8/18/2025 12:21 PM	FERGUSON, JULE	1 IN=100 FT	WISDOT/C-DOS SHEET 42
LAYOUT NAME: 01 EW-10					



LEGEND

WORK ZONE

STAGE 1A

CONSTRUCTION:

- PERMANENT
- DEMOLISH EXISTING SIGN STRUCTURE S-40-2

TEMPORARY

- CONSTRUCT 94 EB AND WB OUTSIDE LANES AND TEMPORARY PAVEMENT FOR SHOULDER
- ADJUSTMENTS
- CONSTRUCT TEMPORARY PAVEMENT OVERLAY FOR WESTBOUND

TRAFFIC:

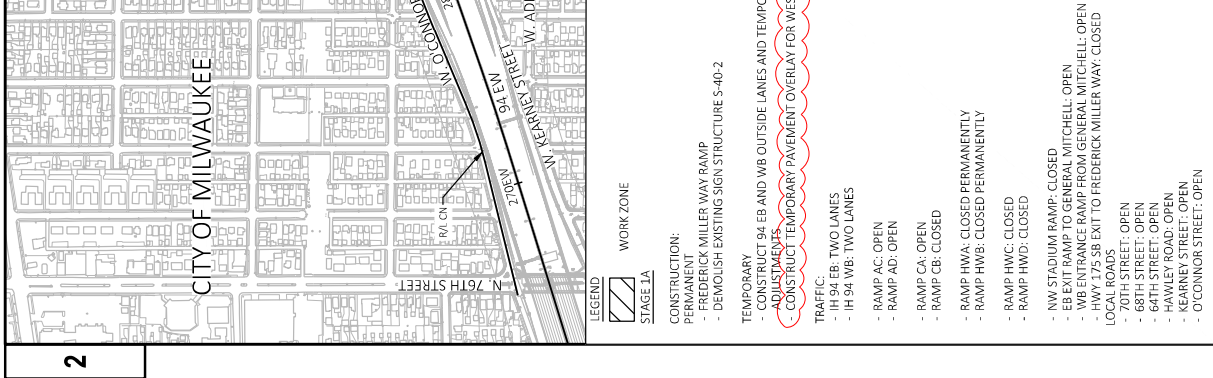
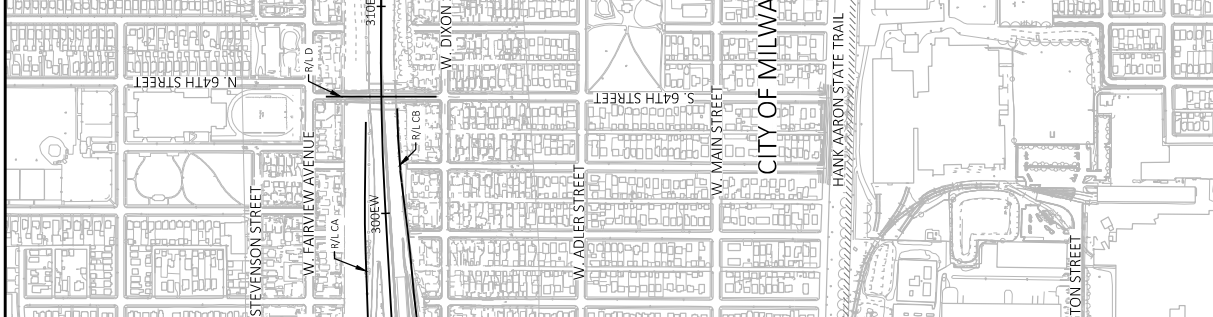
- EB: TWO LANES
- WB: TWO LANES
- RAMP AC: OPEN
- RAMP AD: OPEN
- RAMP CA: OPEN
- RAMP CB: CLOSED
- RAMP HW: CLOSED PERMANENTLY
- RAMP HWB: CLOSED PERMANENTLY
- RAMP HWC: CLOSED
- RAMP HWD: CLOSED
- NW STADIUM RAMP: CLOSED
- EB EXIT RAMP TO GENERAL MITCHELL: OPEN
- WB ENTRANCE RAMP FROM GENERAL MITCHELL: OPEN
- HWY 7/5 SB EXIT TO FREDERICK MILLER WAY: CLOSED
- LOCAL ROADS
- 70TH STREET: OPEN
- 68TH STREET: OPEN
- 66TH STREET: OPEN
- HAWLEY ROAD: OPEN
- KEARNEY STREET: OPEN
- O'CONNOR STREET: OPEN

Addendum No. 01

ID 1060-27-71

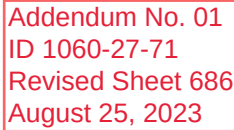
Revised Sheet 670

August 25, 2023

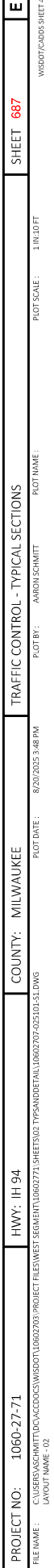
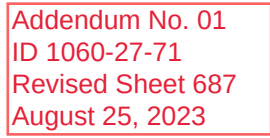


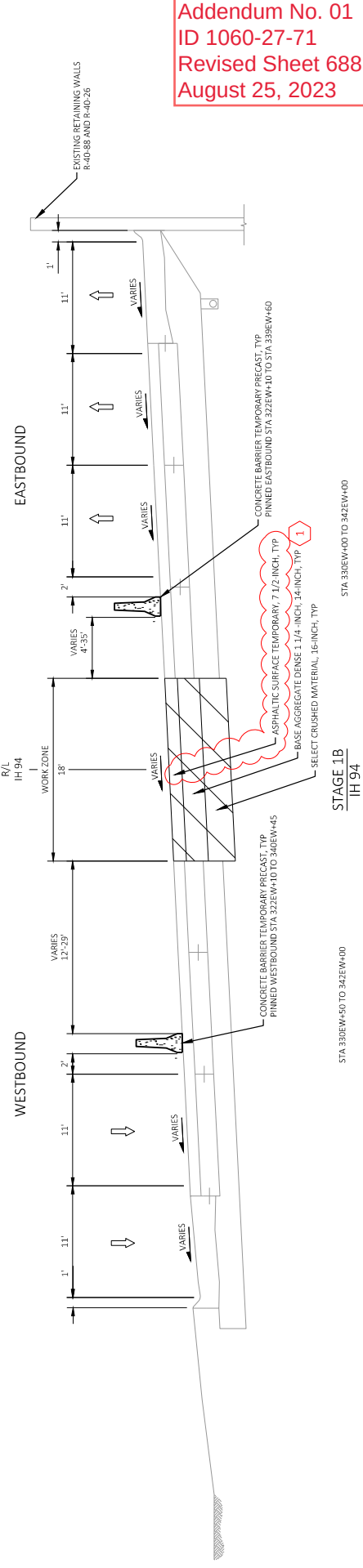


* NOTE SLOPE TO MATCH ADJACENT EXISTING PAVEMENT CROSS SLOPE



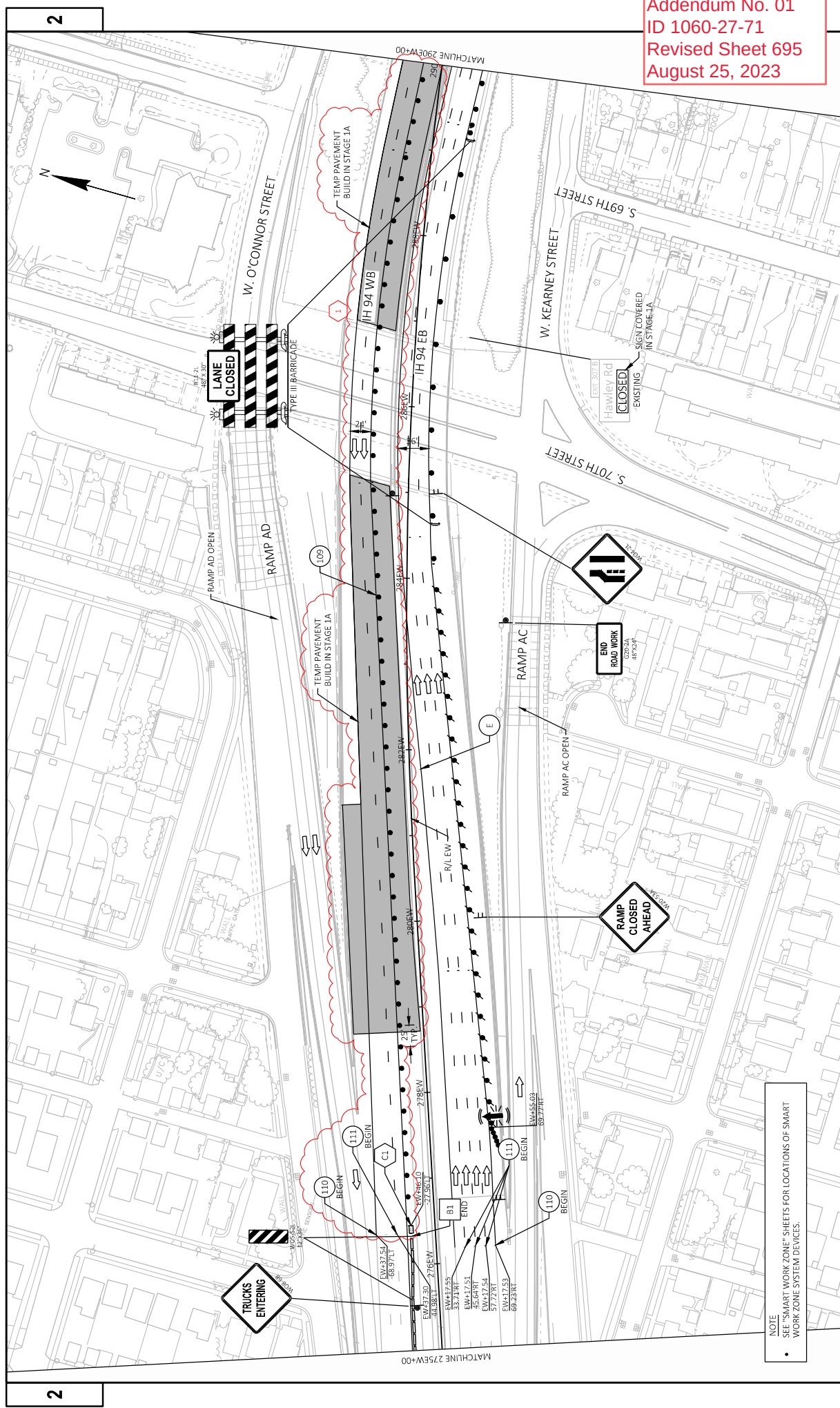
PROJECT NO: 1060-27-71						HWY: IH 94		COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW - STAGE 1B		SHEET 686
FILE NAME: C:\USER\ASCHMITT\WORK\ACCIDENTS\MISCOT\10602770\PROJECT KLEINWEST SEGMENT\UTV10602771 SHEETS\02 TYPED\10602707-025111-51B.DWG											
PLOT DATE: 8/29/2025 4:08 PM						PLOT BY: ARON SCHMITT		PLOT NAME: #####		WISDOT/CADDS SHEET 42	





PROJECT NO:	1060-27-71	HWY:	IH 94	COUNTY:	MILWAUKEE	TRAFFIC CONTROL - TYPICAL SECTIONS	E	
FILE NAME:	C:\USER\ASCHWITZ\ACCORDS\WISDOT\106020709\PROJECT FILES\WEST SEGMENT\10602702101-51.DWG							
LAYOUT NAME:	03		PLOT DATE:		8/27/2025 3:48 PM		PLOT BY:	AARON SCHWITT
			PLOT SCALE:		1 IN=10 FT			WISDOT/CADD SHEET 42

Addendum No. 01
ID 1060-27-71
Revised Sheet 695
August 25, 2023

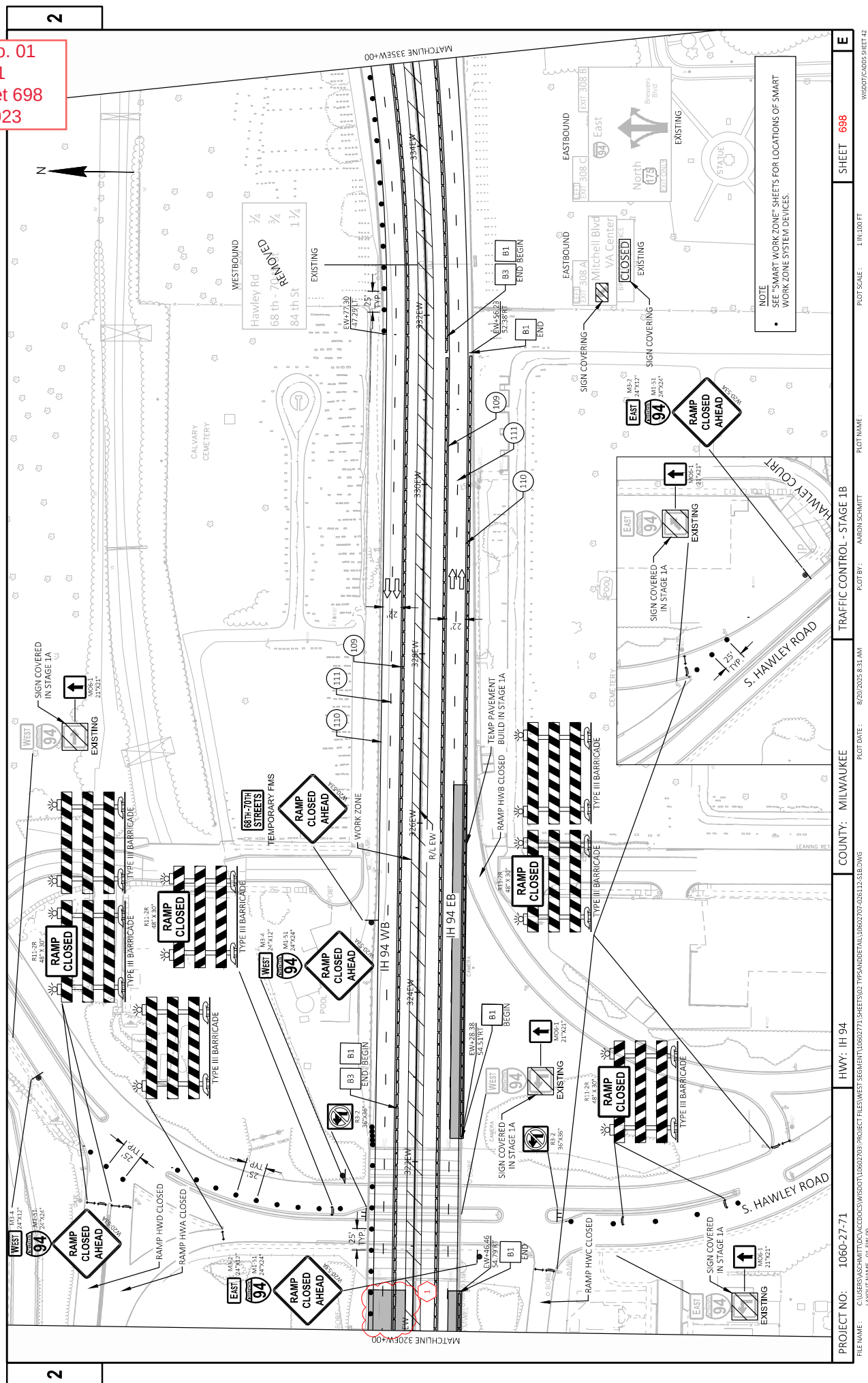


NOTE
SEE "SMART WORK ZONE" SHEETS FOR LOCATIONS OF SMART
WORK ZONE SYSTEM DEVICES.

NOTE
SEE "SMART WORK ZONE" SHEETS FOR LOCATIONS OF SMART WORK ZONE SYSTEM DEVICES.



Addendum No. 01
ID 1060-27-71
Revised Sheet 698
August 25, 2023





CONSTRUCTION:
PERMANENT

TEMPORARY
- CONSTRUCT TEMPORARY PAVEMENT FROM 70TH ST TO HAWLEY ROAD INTERCHANGE
- CONSTRUCT TEMPORARY BRIDGE WIDENING OF EXISTING WB BRIDGES B-40-81, B-40-83, B-40-85, AND B-40-87

- IH 94 EB: THREE LANES
- IH 94 WB: TWO LANES

- RAMP AC: OPEN
- RAMP AD: OPEN

- RAMP CA: CLOSED
- RAMP CB: CLOSED

- RAMP HWC: CLOSED
- RAMP HWD: CLOSED

- NW STADIUM RAMP: CLOSURE
- EB EXIT RAMP TO GENERATOR
- WB ENTRANCE RAMP FROM

LOCAL ROADS
- - 70TH STREET: OPEN

- 68TH STREET: OPEN
- 64TH STREET: OPEN
- HAWLEY ROAD: OPEN
- KEARNEY STREET: OPEN

PROJECT NO: 106

```
FILE NAME: C:\USERS\ASCHMITT
LAYOUT NAME - 01
```

HWY: IH 94

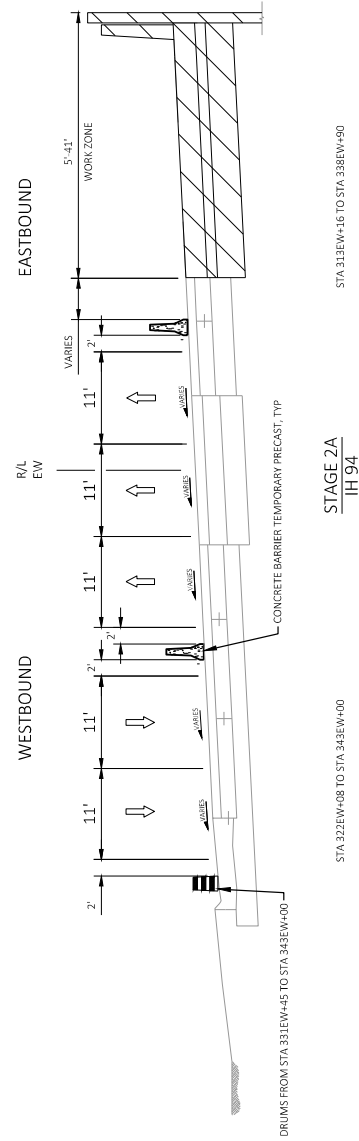
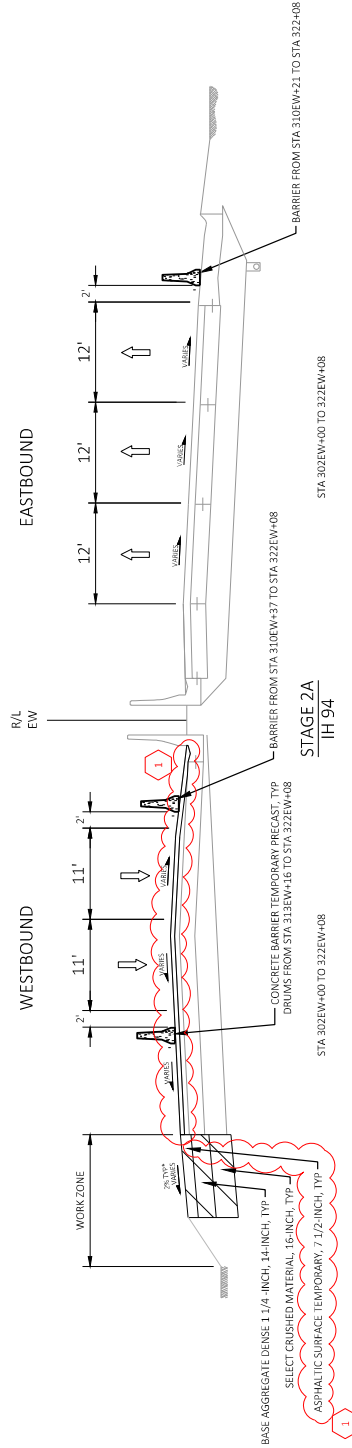
PROJECT NO: 1060-27-71

COUNTY: MILWAUKEE

TRAFFIC CONTROL OVERVIEW - STAGE 2A

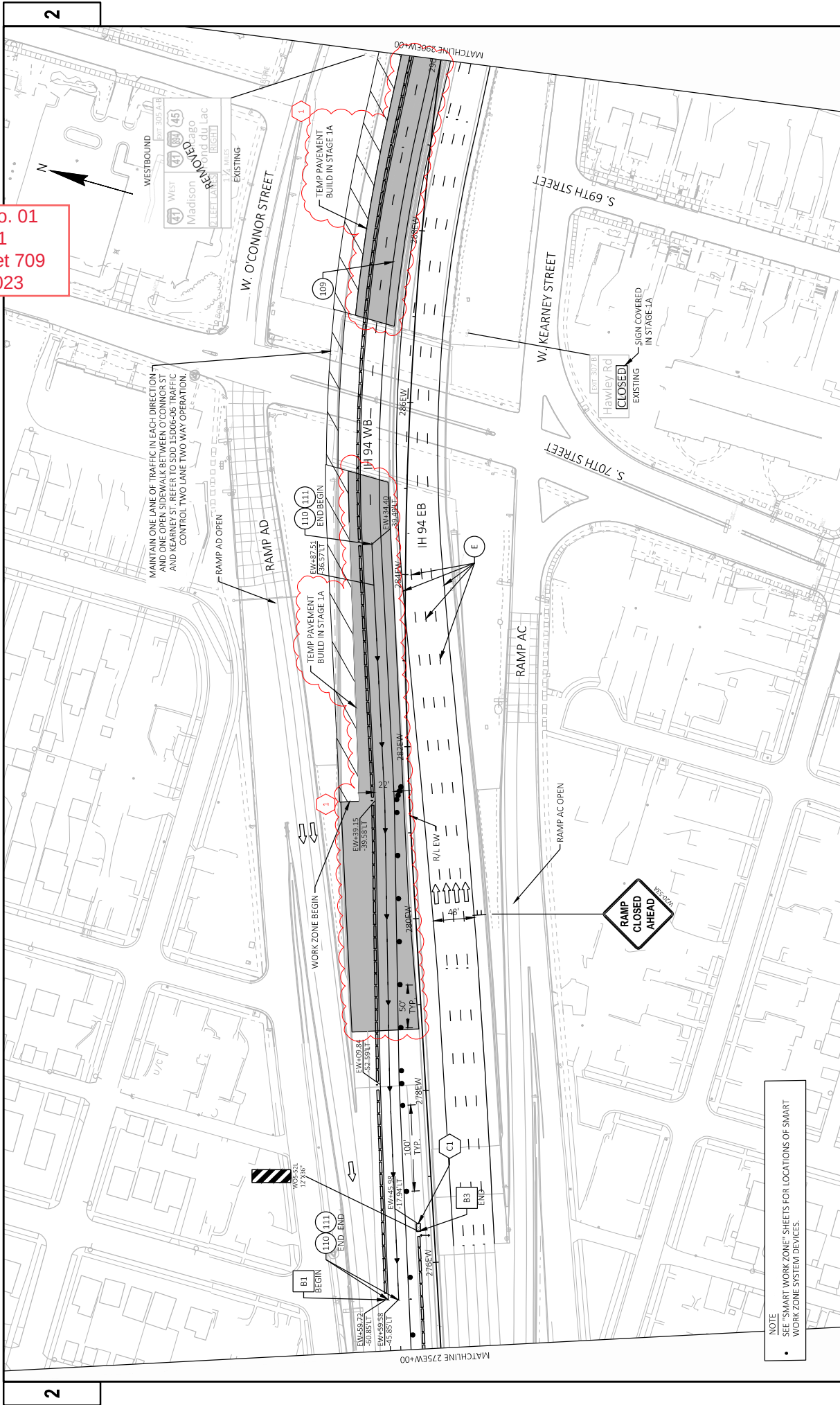
SHEET 702

FILE NAME :	UNOT NAME - 01
PROJECT NAME :	ROBERVACHAM01
PROJECT DATE :	8/21/2025 4:37 PM
PROJECT BY :	ANION SCHWILLI
PROJECT NAME :	ANION SCHWILLI
PROJECT SCALE :	#####
WISDOT/CADD SHEET :	WISDOT/CADD SHEET



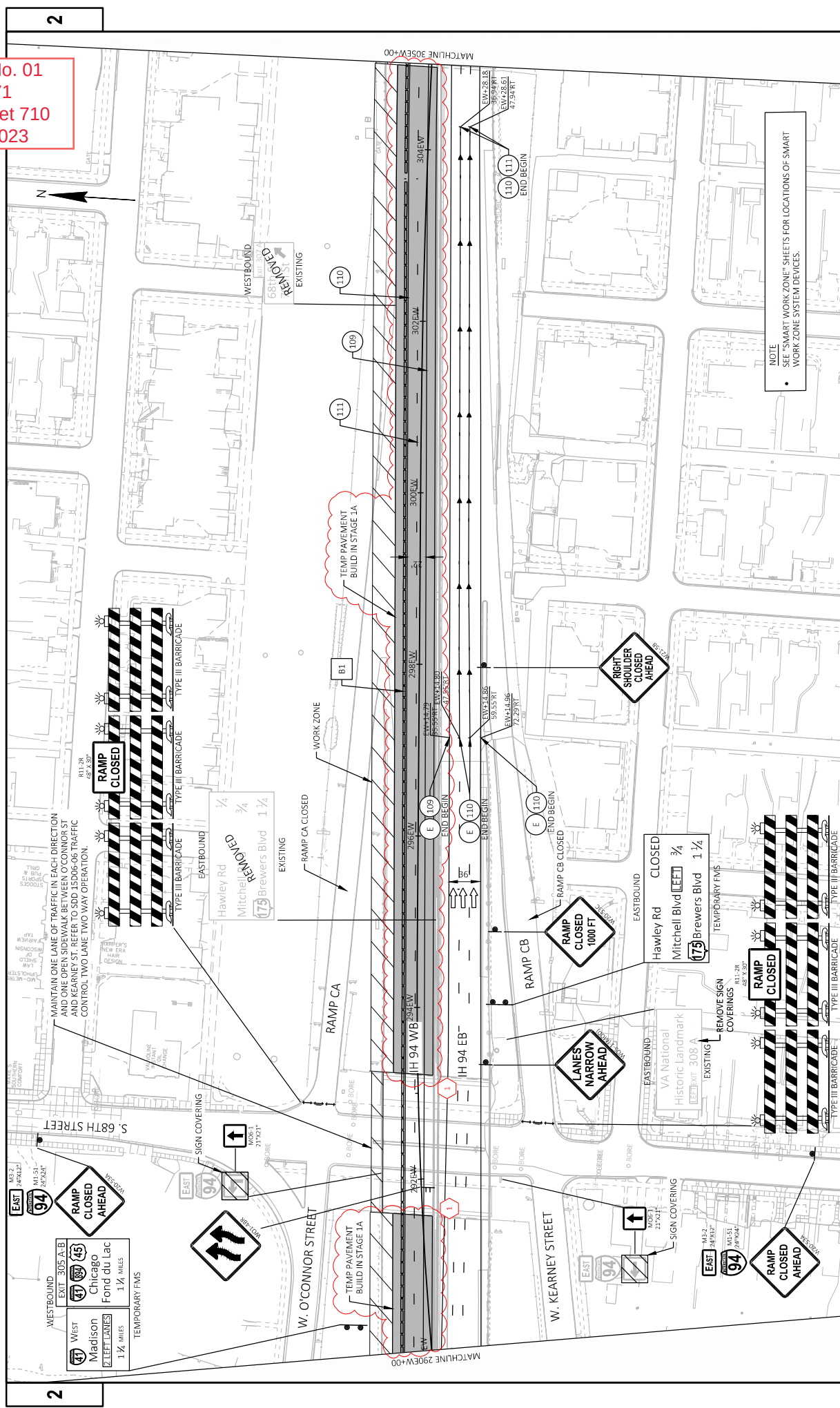
TRAFFIC CONTROL - TYPICAL SECTIONS

Addendum No. 01
ID 1060-27-71
Revised Sheet 709
August 25, 2023

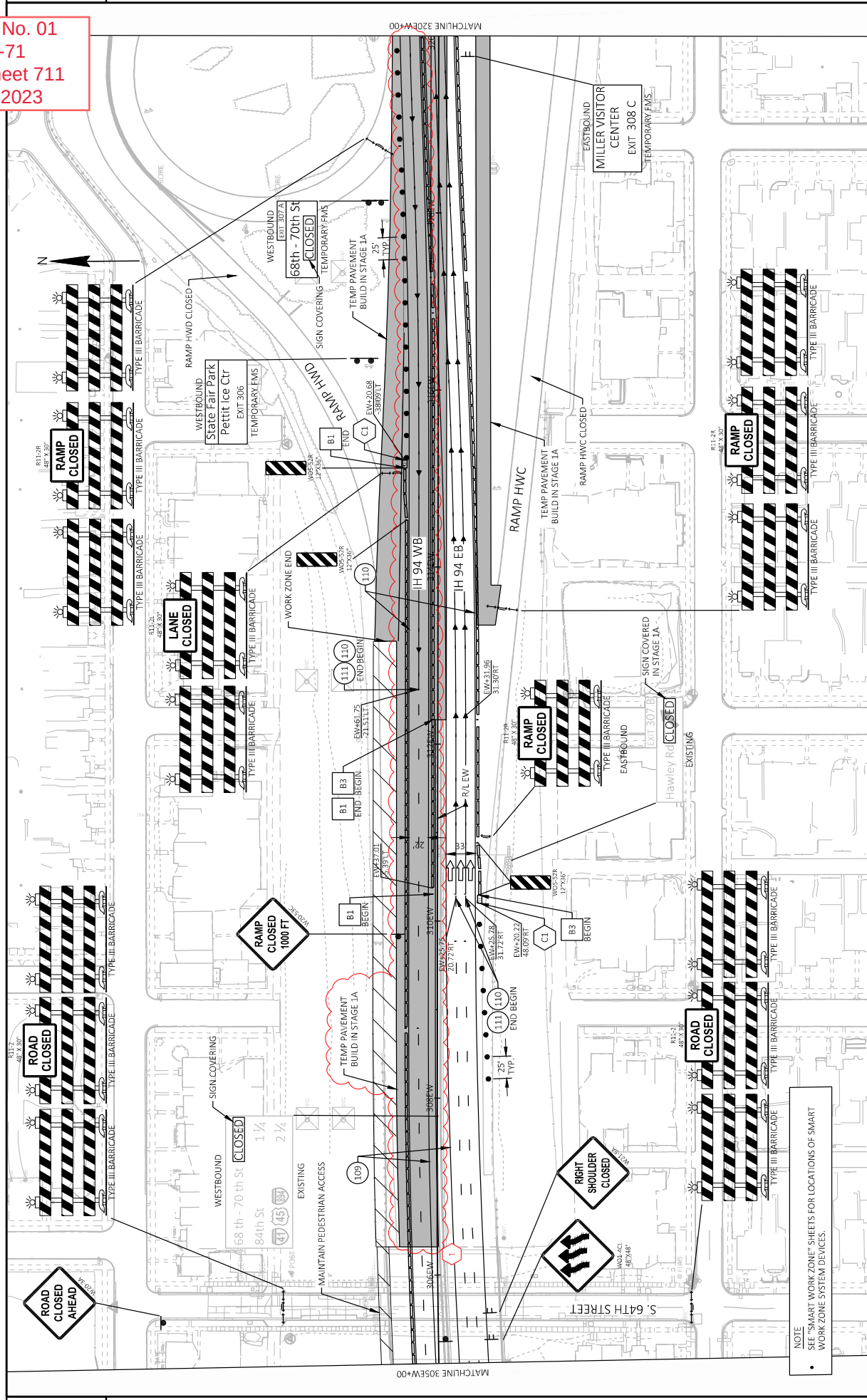


PROJECT NO: 1060-27-71	HWY: IH 94	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2A	SHEET 709	E
FILE NAME: C:\USERS\ASCHMITT\DWG\CADDOCS\WISDOT\10602703\PROJECT FILES\WEST SEGMENT\10602771 SHEETS\02 TYPES\DETAIL\10602707-026202-52A.DWG	WISDOT/CADDOCS 9 SHEET 42	LAYOUT NAME: 01-EW-06	8/20/2025 1:45 PM	1 IN=100 FT	
			PLOT BY: AARON SCHMITT	PLOT NAME:	

Addendum No. 01
ID 1060-27-71
Revised Sheet 710
August 25, 2023

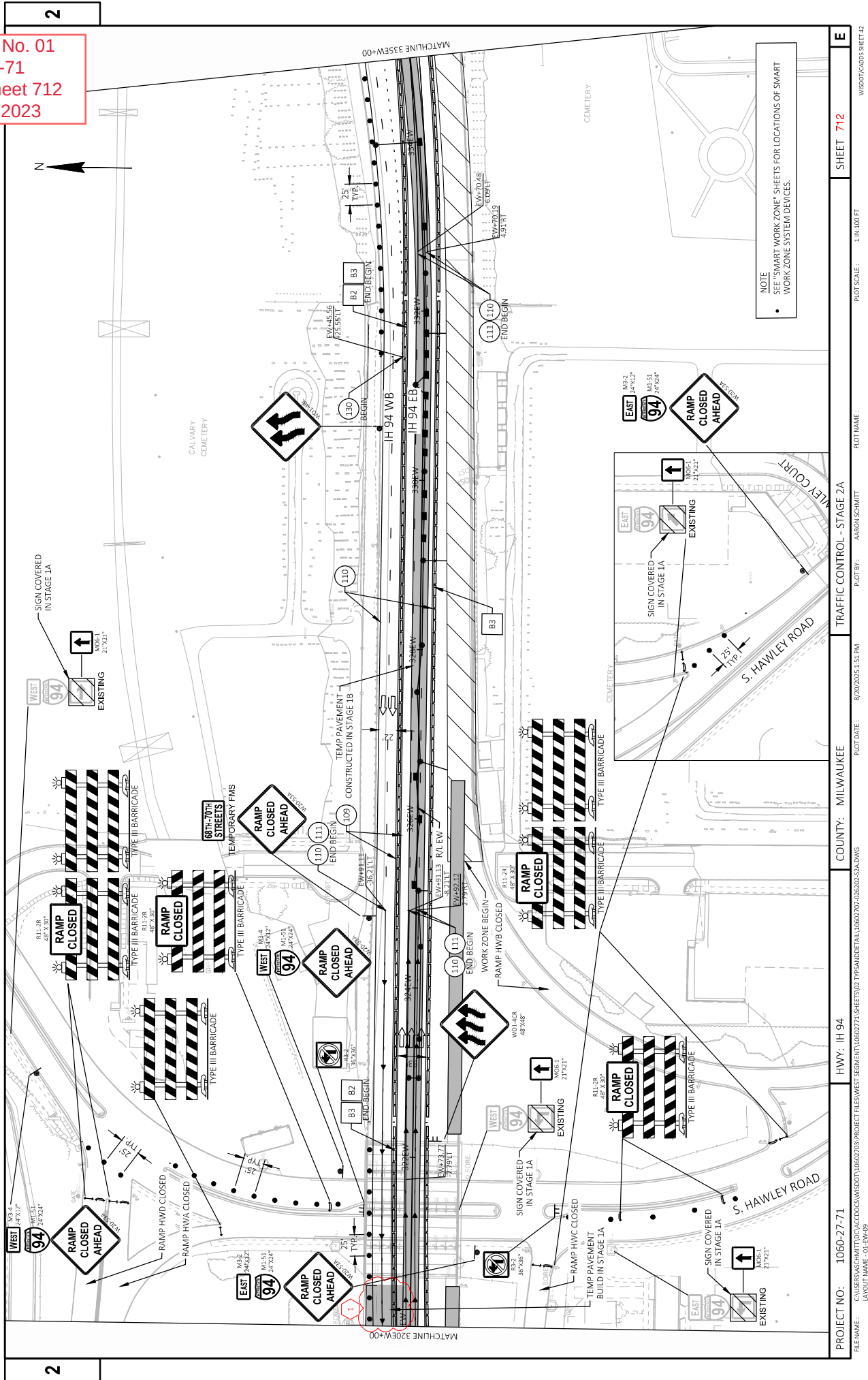


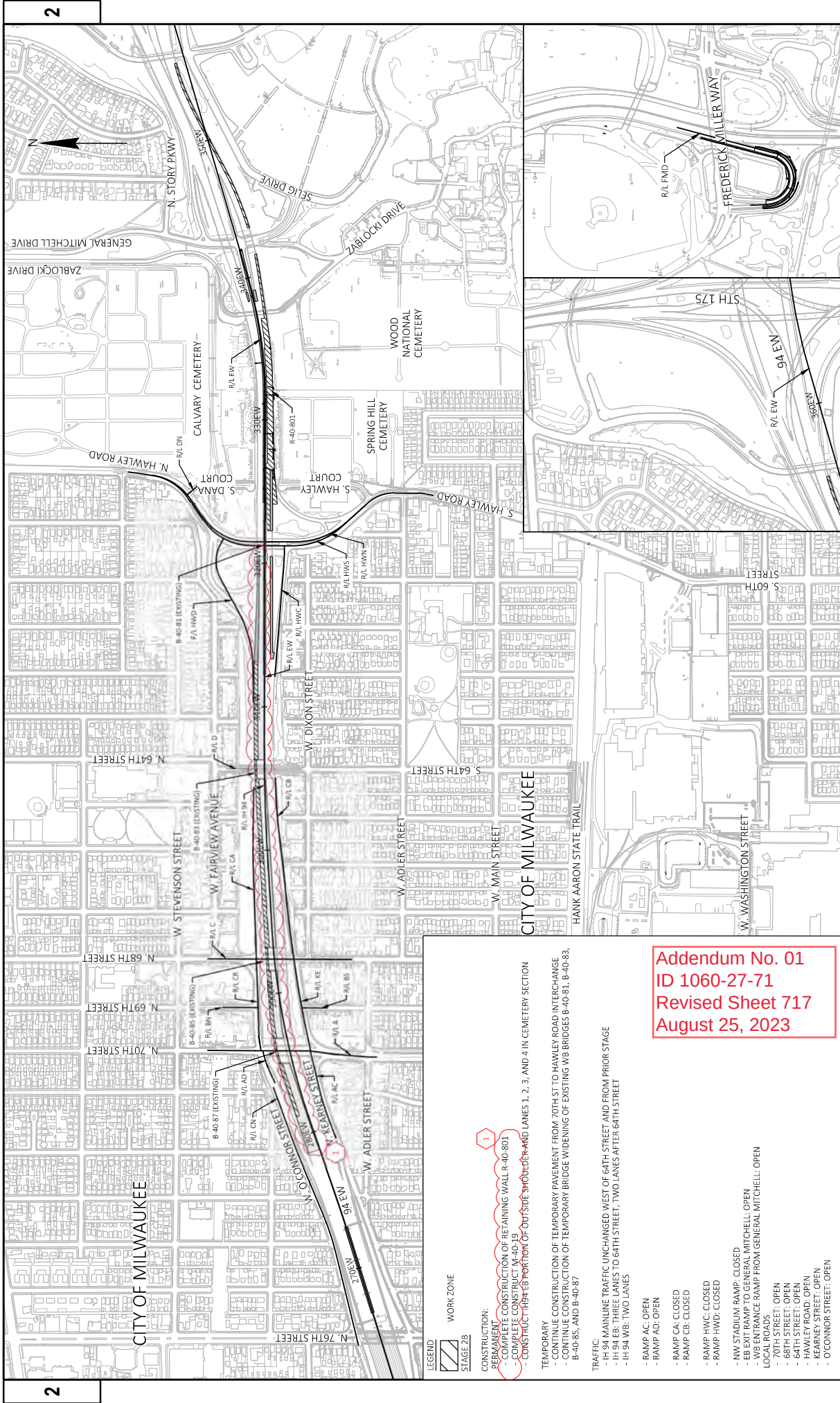
Addendum No. 01
ID 1060-27-71
Revised Sheet 711
August 25, 2023



NOTE
SEE "SMART WORK ZONE" SHEETS FOR LOCATIONS OF SMART WORK ZONE SYSTEM DEVICES.

Addendum No. 01
ID 1060-27-71
Revised Sheet 712
August 25, 2023

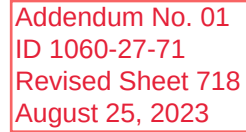


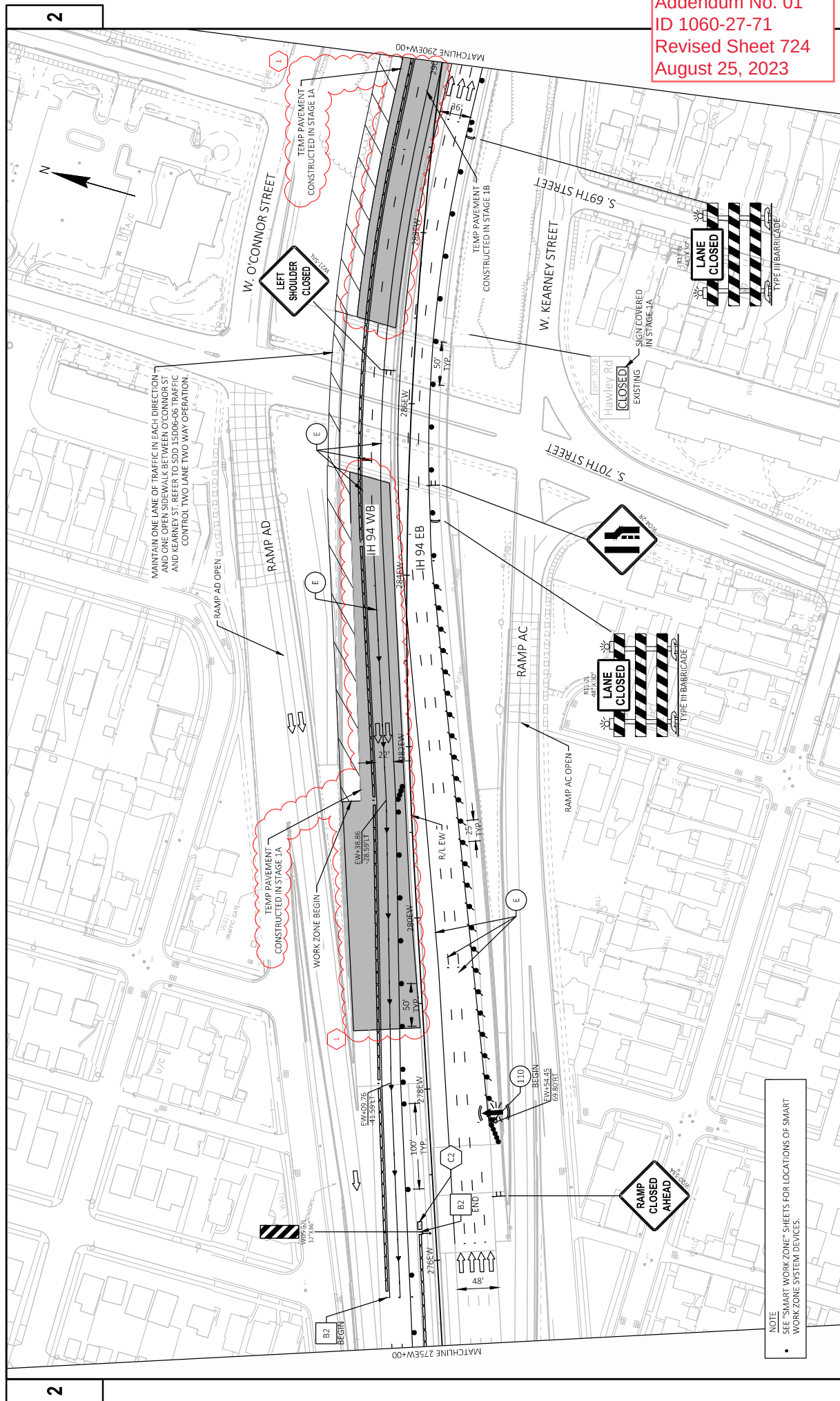


- LEGEND**
- WORK ZONE**
 - STAGE 2B**
 - CONSTRUCTION:**
 - PERMANENT**
 - COMPLETE CONSTRUCTION OF RETAINING WALL R-40-801
 - COMPLETE CONSTRUCTION M-40-19
 - CONSTRUCTION OF PORTION OF OUTSIDE SHOULDER AND LANES 1, 2, 3, AND 4 IN CEMETERY SECTION
 - TEMPORARY**
 - TEMPORARY CONSTRUCTION OF TEMPORARY PAVEMENT FROM 70TH ST TO HAWLEY ROAD INTERCHANGE
 - CONTINUE CONSTRUCTION OF TEMPORARY BRIDGE WIDENING OF EXISTING WB BRIDGES B-40-81, B-40-83, B-40-85, AND B-40-87
 - TRAFFIC:**
 - IH 94 MAINLINE TRAFFIC UNCHANGED WEST OF 64TH STREET AND FROM PRIOR STAGE
 - IH 94 EB: THREE LANES TO 64TH STREET, TWO LANES AFTER 64TH STREET
 - IH 94 WB: TWO LANES
 - RAMP AC: OPEN
 - RAMP AD: OPEN
 - RAMP CA: CLOSED
 - RAMP CB: CLOSED
 - RAMP HWC: CLOSED
 - RAMP HWD: CLOSED
 - NW STADIUM RAMP: CLOSED
 - EB EXIT RAMP TO GENERAL MITCHELL: OPEN
 - WB ENTRANCE RAMP FROM GENERAL MITCHELL: OPEN
 - LOCAL ROAD:**
 - 70TH STREET: OPEN
 - 68TH STREET: OPEN
 - 64TH STREET: OPEN
 - HAWLEY ROAD: OPEN
 - KEARNEY STREET: OPEN
 - O'CONNOR STREET: OPEN

Addendum No. 01
ID 1060-27-71
Revised Sheet 717
August 25, 2023

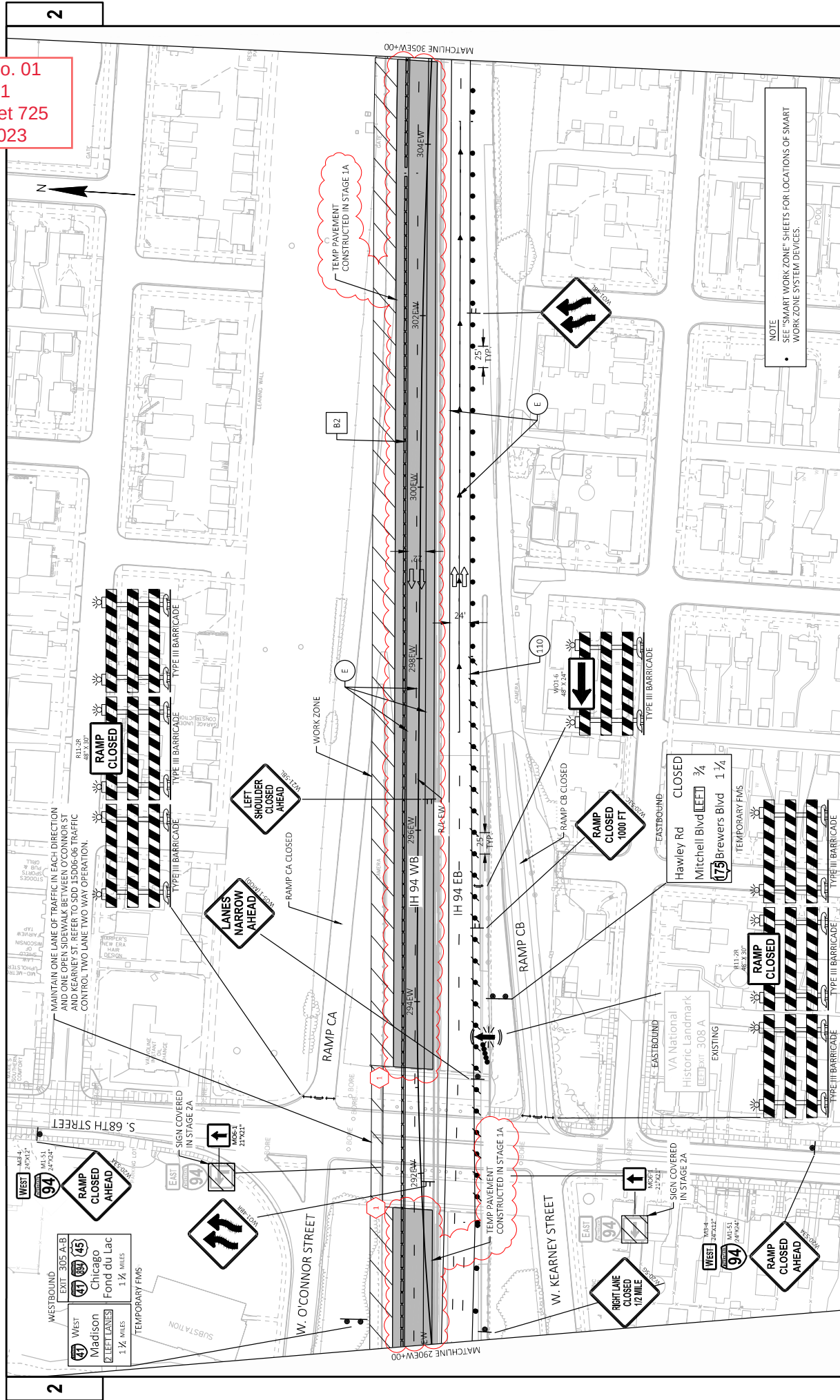
PROJECT NO: 1060-27-71		HWY: IH 94	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW - STAGE 2B	SHEET 717
FILE NAME: C:\USERS\ASCHMITT\DC\ACCDGCS\WISDOT\10602703\PROJECT FILES\SEGMENT\10602771 SHEETS\02 TYPED\DETAIL\10602707-026211-52B.DWG		PLOT DATE: 8/20/2023 4:36 PM	PLOT BY: AARON SCHMITT	PLOT NAME: #####	WISDOT/CAD05 SHEET 42
LAYOUT NAME: 01					



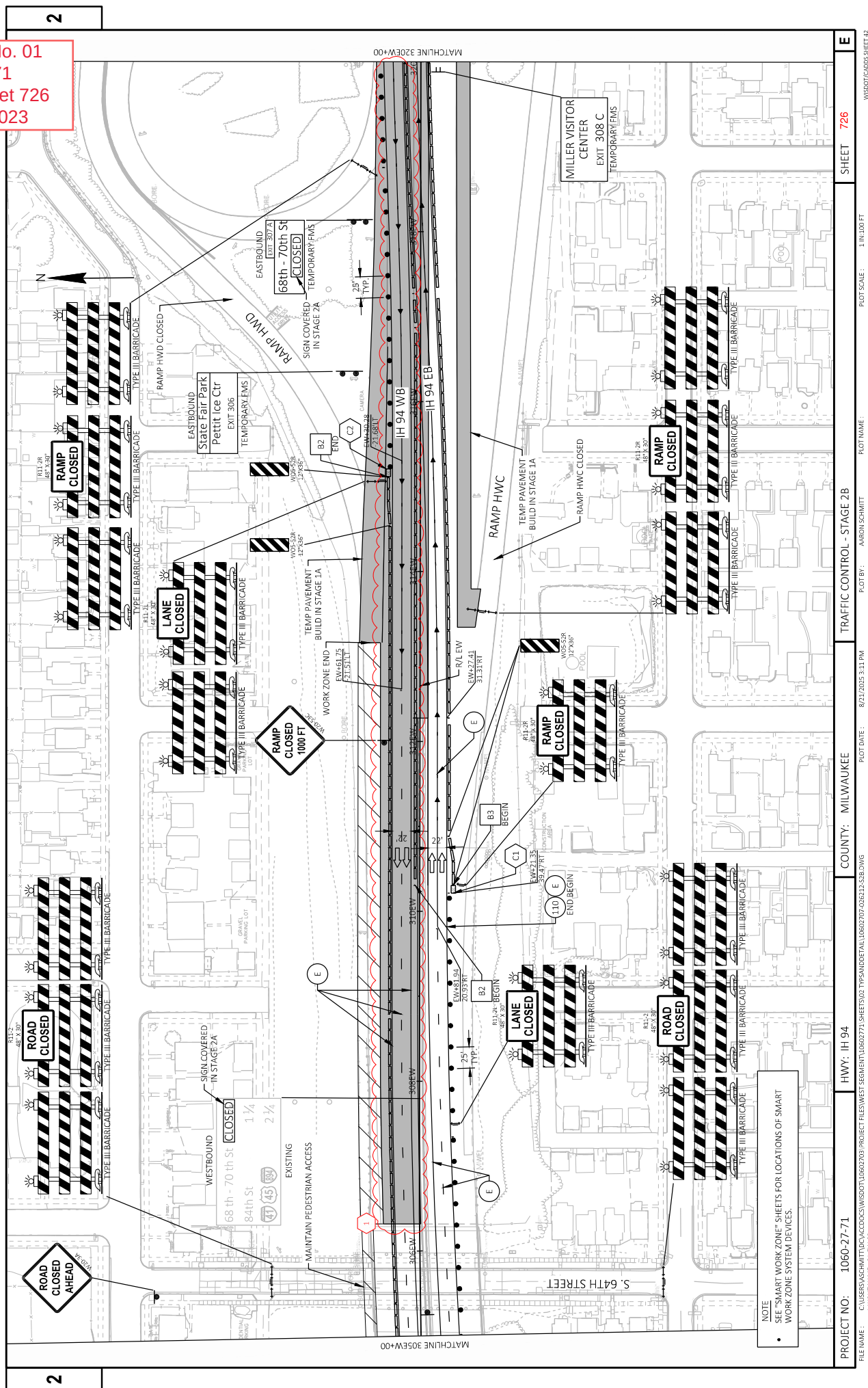


NOTE
SEE "SMART WORK ZONE" SHEETS FOR LOCATIONS OF SMART
WORK ZONE SYSTEM DEVICES.

Addendum No. 01
ID 1060-27-71
Revised Sheet 725
August 25, 2023



Addendum No. 01
ID 1060-27-71
Revised Sheet 726
August 25, 2023

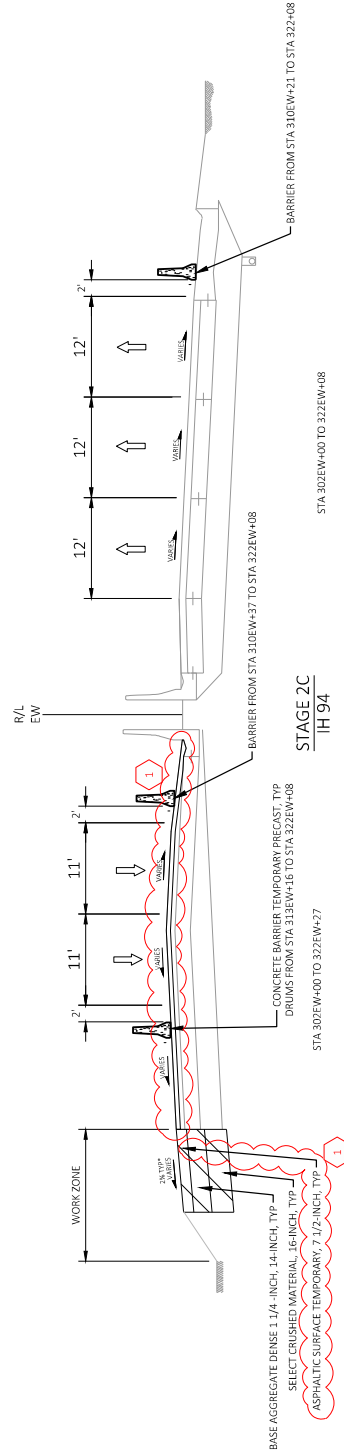
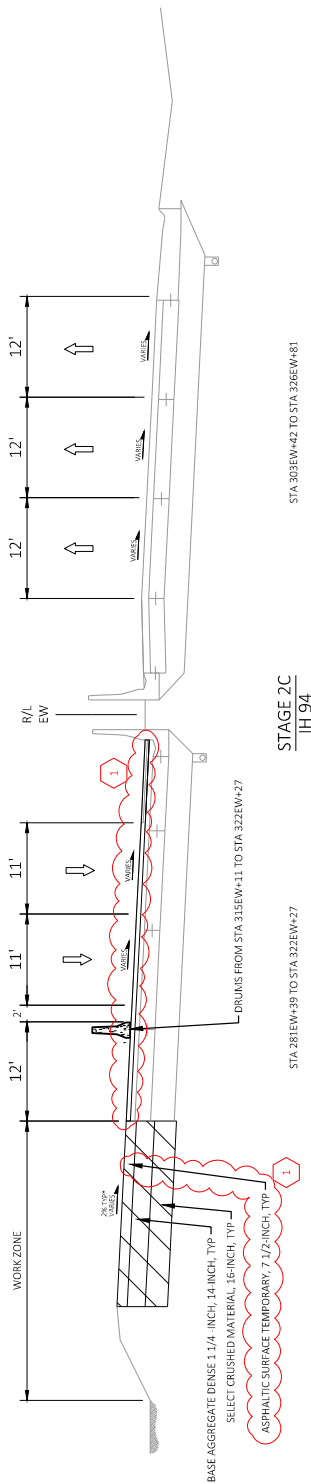


PROJECT NO:	1060-27-71	COUNTY:	MILWAUKEE	TRAFFIC CONTROL - STAGE 2B	SHEET	726
FILE NAME:	C:\USERS\ASCHMITT\WORK\CDOS\WISDOT\10602703 - PROJECT FILES\NET SHEET\10602771 SHEETS\02.TYPAS\NETPLOT.DWG					
PLOT DATE:	8/21/2025 3:11 PM					
PLOT BY:	AARON SCHMITT					
PLOT SCALE:	1 IN=100 FT					
WISDOT CADD SHEET 42						

PROJECT NO: 1060-27-71	Hwy: IH 94	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2B	E
FILE NAME: C:\USERS\KCFM\ITD\KCD\CD\WISDOT\10602771\PROJECT FILES\WEST SEGVIEW\10602771 SHEET5212.TPS			PLOT DATE: 8/20/2025 3:23 PM	PLOT BY: ARON SCHMITT
			PLOT SCALE: 1"=100 FT	WISDOT/CADD SHEET 42

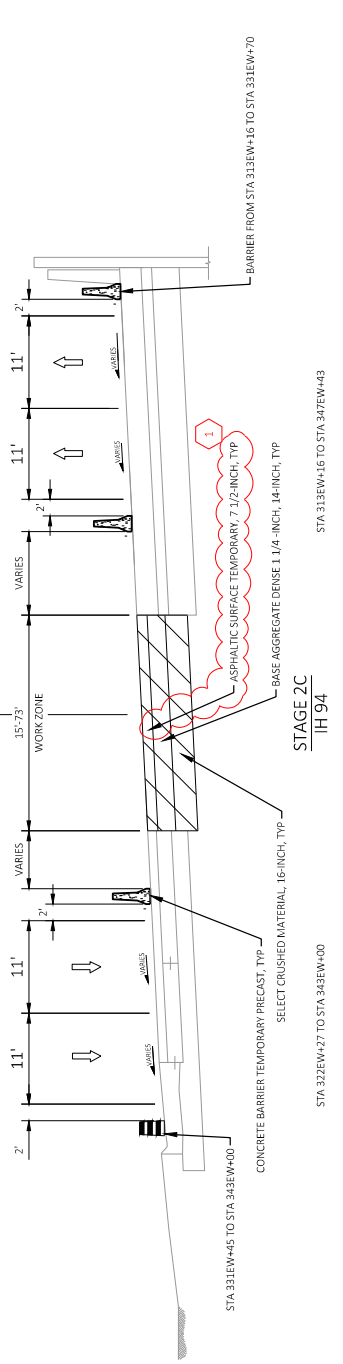
WESTBOUND

EASTBOUND

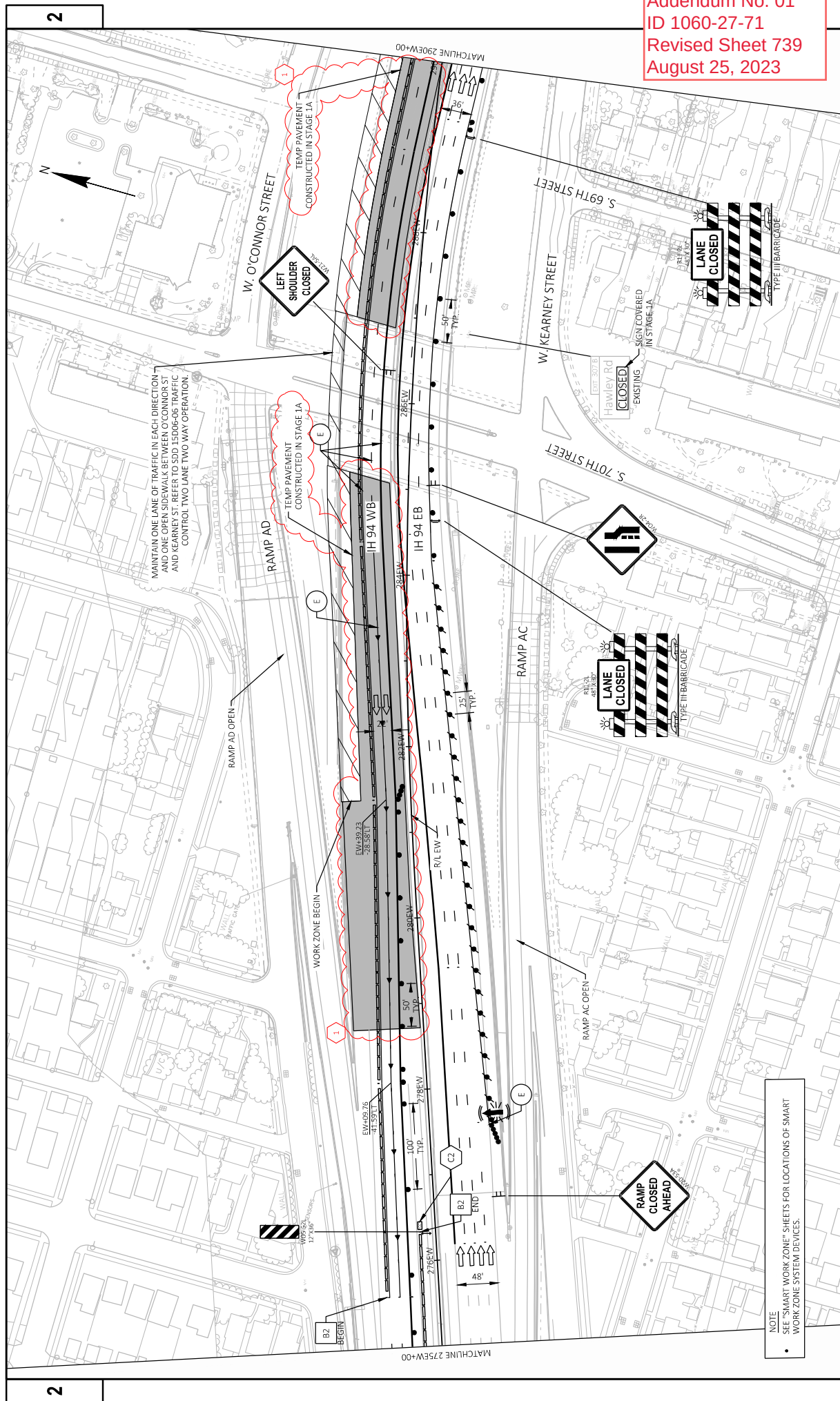


WESTBOUND

EASTBOUND



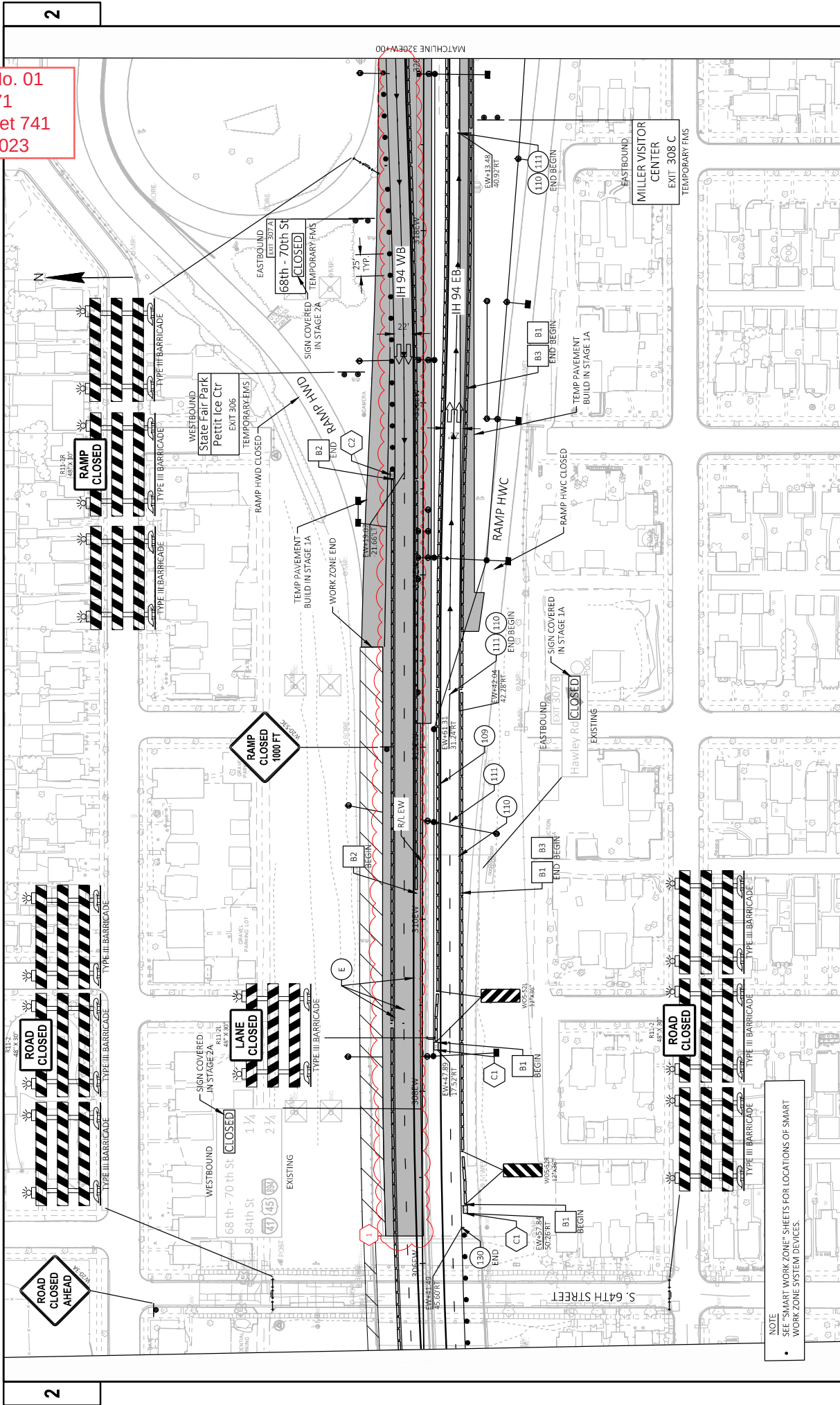
Addendum No. 01
ID 1060-27-71
Revised Sheet 733
August 25, 2023



NOTE
SEE "SMART WORK ZONE" SHEETS FOR LOCATIONS OF SMART
WORK ZONE SYSTEM DEVICES.

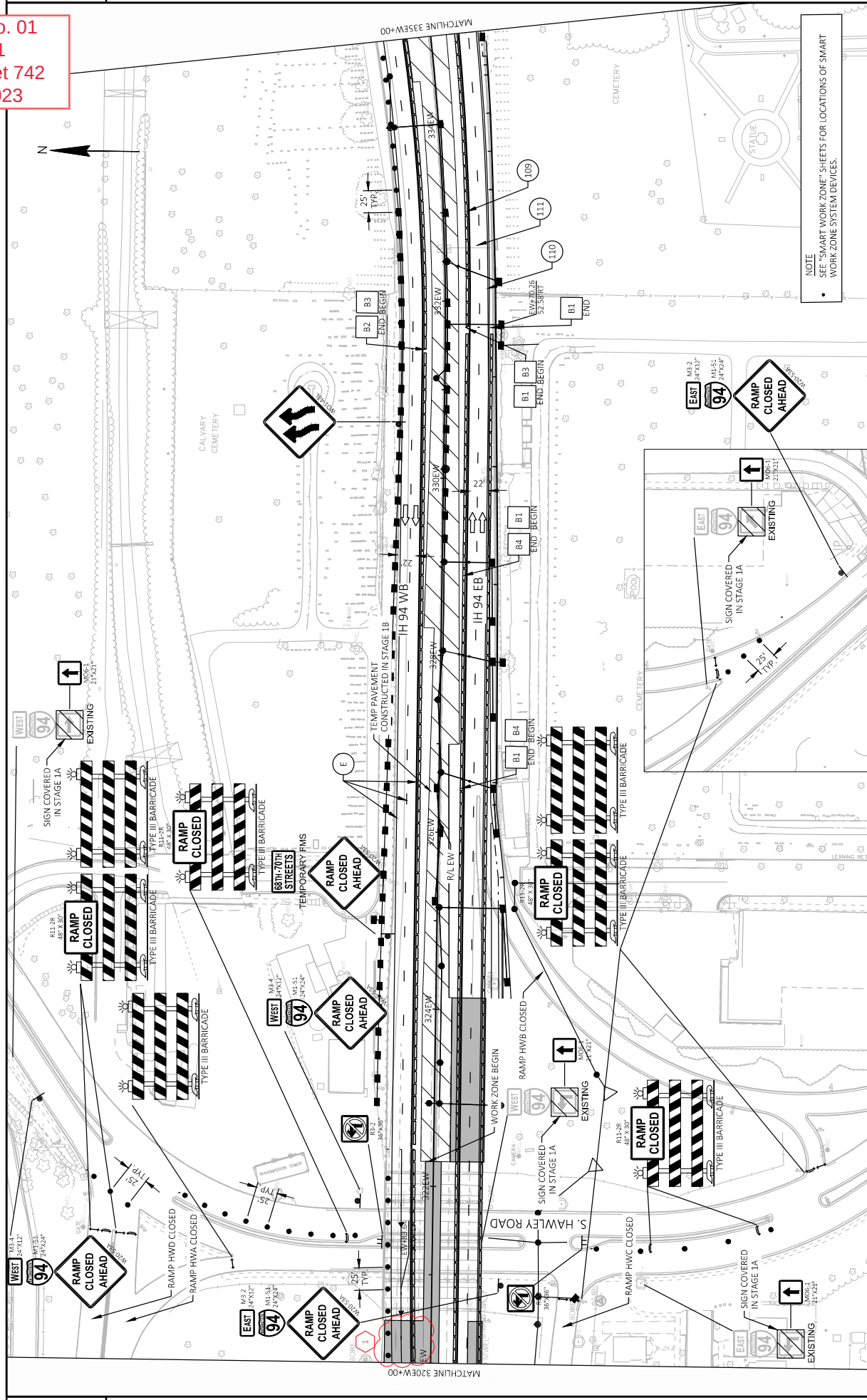
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Addendum No. 01
ID 1060-27-71
Revised Sheet 741
August 25, 2023

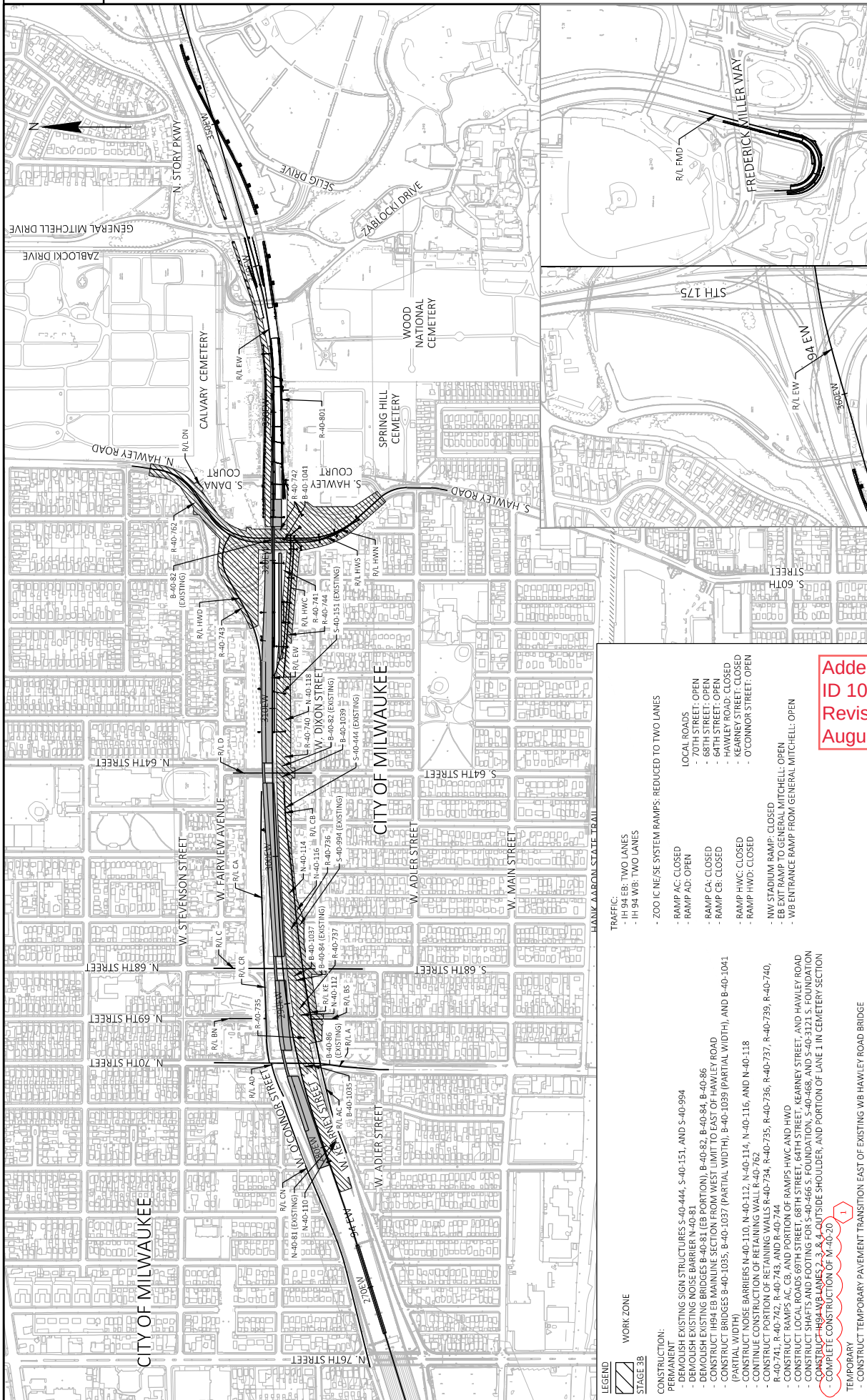


NOTE
SEE "SMART WORK ZONE" SHEETS FOR LOCATIONS OF SMART
WORK ZONE SYSTEM DEVICES.

Addendum No. 01
ID 1060-27-71
Revised Sheet 742
August 25, 2023

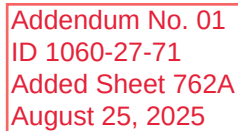


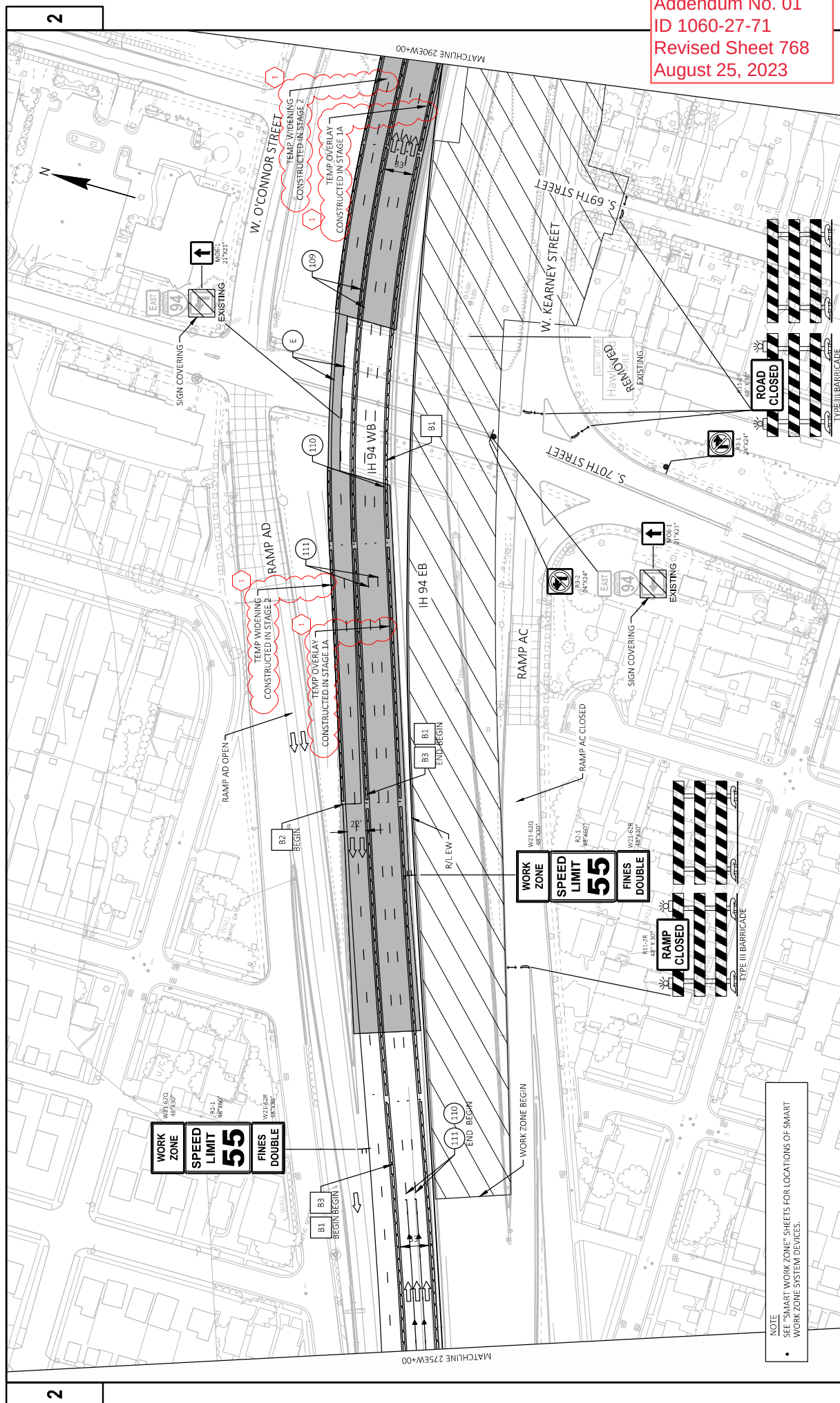
NOTE
SEE "SMART WORK ZONE" SHEETS FOR LOCATIONS OF SMART
WORK ZONE SYSTEM DEVICES.



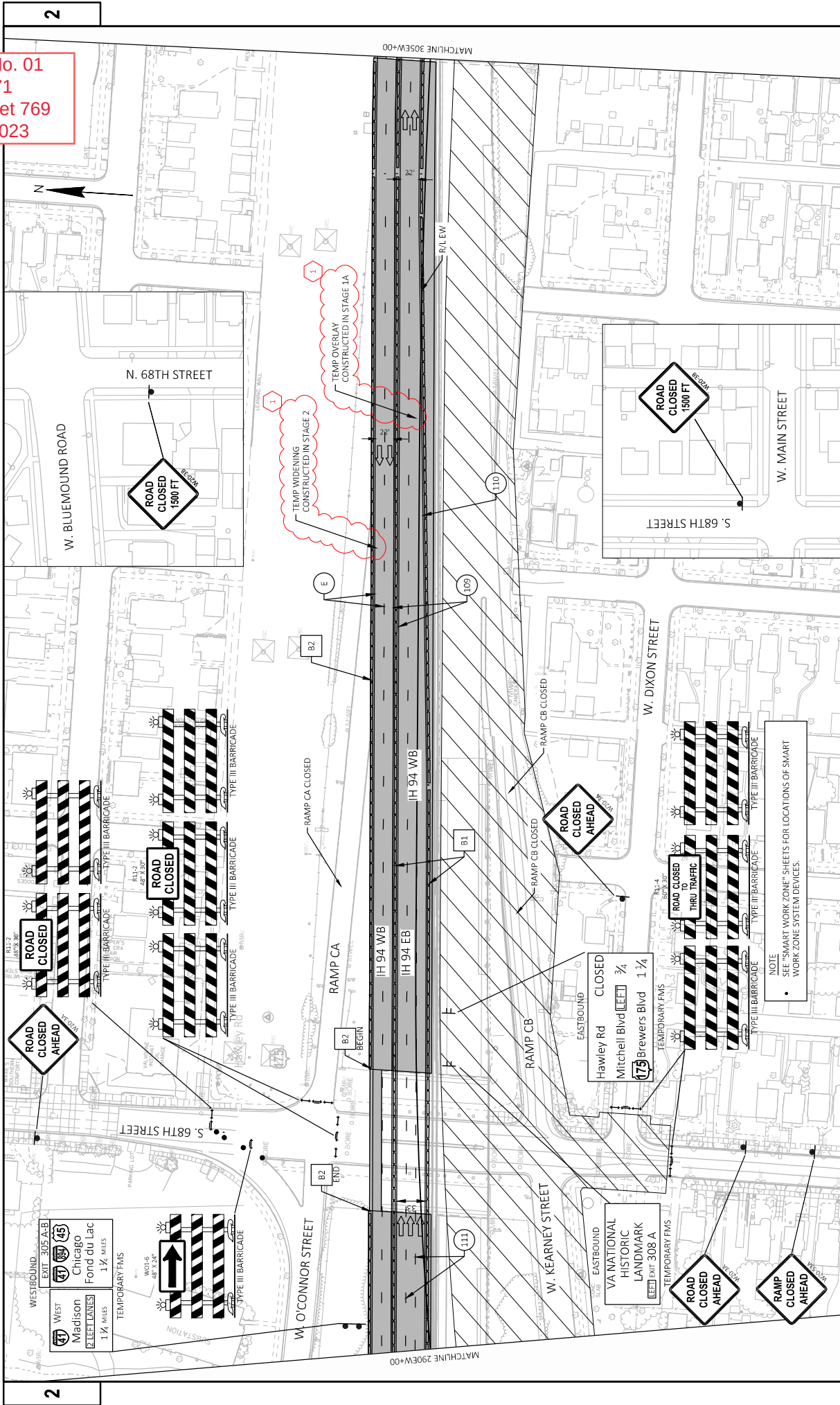
Addendum No. 01
ID 1060-27-71
Revised Sheet 762
August 25, 2023

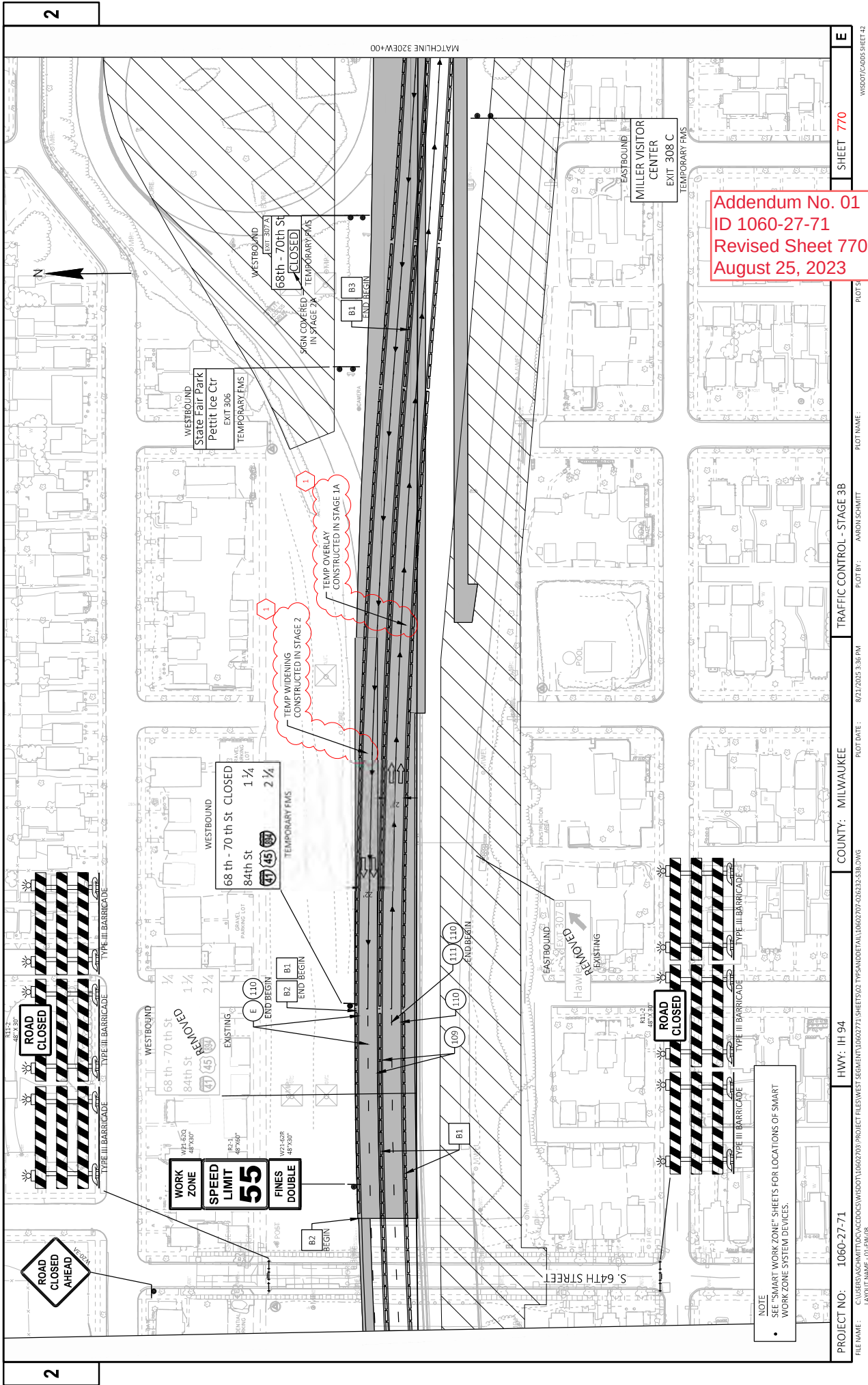
FILE NAME:	C:\USERS\ADMIN\LOCAL\CDCCROSS\WISDOT\06027073\PROJECT FILES\WEST SEGMENT\06027073\06027073-SBB.DWG	PROJECT NO:	1060-27-71	HWY:	IH 94	COUNTY:	MILWAUKEE	PLANT NAME:	ARON SCHMITT	PLOT SCALE:	#####	SHEET	762
TRAFFIC CONTROL OVERVIEW - STAGE 3B													
E													





Addendum No. 01
ID 1060-27-71
Revised Sheet 769
August 25, 2023





Addendum No. 01
ID 1060-27-71
Revised Sheet 770
August 25, 2023

NOTE
SEE "SMART WORK ZONE" SHEETS FOR LOCATIONS OF SMART
WORK ZONE SYSTEM DEVICES.

REMOVING ASPHALTIC SURFACE MILLING

204.0120*1

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	SY
RAMPS							
1000	1	RAMP FMD	185FMD+65	-	191FMD+21	RT/LT	1,334
STAGE 1 SUBTOTAL							1,334
MAINLINE							
1000	7	IH 94 EB	337EW+05	-	370EW+28	RT/LT	16,069
1000	7	IH 94 WB	336EW+43	-	370EW+13	LT	16,839
STAGE 7 SUBTOTAL							32,908
TOTAL							34,242

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING CURB & GUTTER

204.0150		REMOVING CURB & GUTTER					
CATEGORY	STAGE	ROADWAY	FROM STATION	OFFSET	TO STATION	OFFSET	LF
RAMPS							
1000	1	RAMP FMD	185FMD+44	15' RT	-	191FMD+22	9' RT
			185FMD+44	21' RT	-	187FMD+90	30' RT
			185FMD+66	30' LT	-	194FMD+41	28' LT
STAGE 1 SUBTOTAL							1,683
MAINLINE							
1000	2	IH 94 EB	325EW+04	120' RT	-	325EW+60	100' RT
STAGE 2 SUBTOTAL							67
MAINLINE							
1000	3	IH 94 WB	325EW+08	78' LT	-	325EW+58	68' LT
LOCAL							
1000	3	S. HAWLEY ROAD	53HWS+73	39' RT	-	53HWS+75	44' RT
1000	3	HAWLEY COURT	11HP+98	13.5' RT	-	12HP+12	8.5' LT
STAGE 3 SUBTOTAL							83
TOTAL							1,833

PROJECT NO: 1060-27-71

HWY: IH 94

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 912

E

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED

REMOVING STEPS RAILING

204.9060 S.0001							
		REMOVING STEPS		RAILING		LF	
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	
MAINLINE							
1000	7	ZOTH STREET	11A+70	-	11A+74	RT	6
			12A+75	-	12A+79	RT	9
STAGE 7 SUBTOTAL							15
TOTAL							15

REMOVING SAND BARRELS

204.9060 S.0002							
REMOVING SAND BARREL ARRAYS							
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	EACH
MAINLINE							
1000	4	IH 94 EB	316EW+00	-	317EW+00	RT	1
STAGE 2 SUBTOTAL							1
TOTAL							1

Addendum No. 01
ID 1060-27-71
Revised Sheet 912
August 25, 2023

1

1

PAVEMENT MARKING ITEMS

71,263

16,055

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED

PROJECT NO: 1060-27-71

HWY: IH 94

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

6
PLOT NAME : 030207_MQ1
PLOT SCALE : 1:1

SHEET: 960	E
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Addendum No. 01
ID 1060-27-71
Revised Sheet 961
August 25, 2023

PROJECT NO: 1060-27-71

HWY: IH 94

E

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

E

PLOT DATE: 8/19/2025 12:51:02 PM

PLOT BY: user

PLOT NAME: 030207_M02

SHEET: 961

E

ACC:\10602703\Project Files\West Segment\10602771\sgn\city.mxd Roadway

Revised Sheet 961
August 25, 2023

PAVEMENT MARKING ITEMS

CATEGORY	ROADWAY	STATION	TO	STATION	646.2050		646.3020		646.4020		646.4025		646.4040		646.4050		SPV.0090.0274		SPV.0090.0275			
					MARKING LINE		MARKING LINE		MARKING LINE		MARKING LINE		MARKING LINE		MARKING LINE		MARKING LINE		MARKING EPOXY		MARKING EPOXY	
					GROOVED PERMANENT	TAPE 6-INCH	EPOXY	8-INCH	EPOXY	10-INCH	GROOVED BLACK	EPOXY 10-INCH	GROOVED WET REF	EPOXY 10-INCH	GROOVED PERMANENT	TAPE 10-INCH	NON GROOVED	12.5-FT LINE	37.5-FT SKIP	NON GROOVED	10-INCH BLACK	NON GROOVED
					LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF		
1000	MAINLINE IH 94 LB	215EW+43	-	335EW+00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		335EW+00	-	370EW+50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	IH 94 WB	260EW+73	-	334EW+50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		334EW+50	-	374EW+31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	STH 175	RAMP FMD	-	STADIUM I/C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	RAMPS RAMP AC	383AC+52	-	385AC+23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		485AD+04	-	486AD+76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	RAMP AD	192CA+96	-	203AC+70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	RAMP CA	292CB+71	-	302CB+53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	RAMP CB	312HWC+51	-	320HWC+82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	RAMP HWC	312HWD+81	-	322HWD+00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	RAMP HWD	185FMD+43	-	193FMD+41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	LOCAL ROADS 70TH STREET	10A+26	-	20A+44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		72KE+78	-	73KE+81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	69TH STREET	32C+50	-	39C+93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	68TH STREET	41D+15	-	43D+90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	64TH STREET	53HWS+99	-	72HWS+60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	HAWLEY ROAD	70KE+23	-	76KE+28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	W. KEARNEY STREET	60CR+21	-	66CR+08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	W. O'CONNOR STREET	11DN+55	-	11DN+99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1000	S. DANA COURT																					
1000	TEMP LOCATIONS																					
SUBTOTALS					-	12,010	2,351	192	3,437	503	2,905	16,810	1,527	1,378	1,571	426						
TOTALS						12,010	2,543		3,940		2,905	18,337		1,378	1,637	426						

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED

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[illegible]

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ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED

MISCELLANEOUS QUANTITIES - SIGNING

JKEE

COUNTY: MIL WAUKEE

HWY: IH 94

PROJECT NO: 1060-27-71

ACC:\10602703\Project Files\West Segment\10602771\dsgn\qty\mq\Roadway

PLOT BY : user

1:1

1

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(CONTINUED SHEET 13 OF 13)

PROJECT NO: 1060-27-71	HWY: IH 94	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES - SIGNING	E
ACCU10602703\Project_Files\West_Segment1\060277\ldgcntry\mqd\Roadway			PLOT DATE: 8/19/2025 4:02:43 PM PLOT BY: user PLOT NAME: 030207.MQ18 PLOT SCALE: 1:	SHEET: 981

ACC:\\10602703\\Project Files\\West Segment\\10602771\\dsgn\\qt\\mq\\Roadway

PLOT DATE : 8/19/2025 4:02:43 PM

PLOT NAME : 030201_MQ18 PLOT SCALE : 1:1

PLOT SCALE : 1:1

MOVING SIGNS

638.2102*		634.0808**	
MOVING SIGNS		POSTS TUBULAR	
TYPE II		STEEL 2x2-INCH X	
EACH		8-FT	
CATEGORY	ROADWAY	STAGE	COMMENTS
1000	IH 94	2	2
	IH 94	3	1
	IH 94	1	1
			MOUNT ON TOP OF BARRIER WALL. SEE SIGN PLATE A4-10
PROJECT 1060-27-71 TOTAL		4	4

* ADDITIONAL QUANTITIES FOUND ELSEWHERE
** BARRIER WALL SIGN BRACKET ASSEMBLIES ARE INCIDENTAL TO THE POSTS.

INSTALL STATE FURNISHED SIGN

SPV 0060.0955		INSTALL STATE	
FURNISHED SIGN		EACH	
CATEGORY	ROADWAY	STAGE	
1000	IH 94 WB, RIGHT SHOULDER, AT 84TH STREET EXIT RAMP	1	1
	IH 94 EB, RIGHT SHOULDER, W. OF 84TH STREET BRIDGE	1	1
	IH 94 WB, RIGHT SHOULDER, 500 FT W. OF N. 16TH STREET	1	1
	IH 94 EB, RIGHT SHOULDER, 1000 FT E. OF N. 25TH STREET	1	1
PROJECT 1060-27-71 TOTAL			4

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PROJECT NO: 1060-27-71

HWY: IH 94

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET 1148

FILE NAME:

PLOT DATE:

PLOT BY:

PLOT NAME:

PLOT SCALE:

WISDOT/CADD SHEET 42

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WISDOT/CADD SHEET 42

TRAFFIC CONTROL PAVEMENT MARKINGS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	LOCATION	YELLOW		WHITE		BLACK EPOXY 6-INCH		643.3270 TEMPORARY MARKING LINE EPOXY 10-INCH SKIP		646.9000 MARKING REMOVAL LINE 4-INCH		646.9050 MARKING REMOVAL TAPF 4-INCH		643.3760 TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I	
								LF	WF	LF	WF	LF	WF	LF	WF	LF	WF	LF	WF	LF	WF
1000	18	IH 94	265EW+49.40	-	349EW+83.93	34.34	LT	8.436	-	-	-	-	-	-	-	-	-	-	-	-	-
			276EW+17.53	-	295EW+38.27	48.33	RT	-	-	-	480	-	-	-	-	-	-	-	-	-	-
			276EW+17.53	-	289EW+31.64	57.72	RT	-	-	-	328	-	-	-	-	-	-	-	-	-	-
			276EW+17.53	-	342EW+11.34	69.23	RT	-	-	-	1,375	-	-	-	-	-	-	-	-	-	-
			276EW+17.54	-	300EW+33.21	28.13	LT	-	-	6,599	-	-	-	-	-	-	-	-	-	-	-
			276EW+46.10	-	343EW+37.66	23.93	LT	-	-	2,412	-	-	-	-	-	-	-	-	-	-	-
			288EW+60.10	-	306EW+33.21	45.68	LT	-	-	1,676	-	-	-	-	-	-	-	-	-	-	-
			298EW+61.78	-	356EW+68.94	63.60	LT	-	-	174	-	-	-	-	-	-	-	-	-	-	-
			299EW+48.37	-	306EW+49.52	58.53	RT	-	-	5,804	-	-	-	-	-	-	-	-	-	-	-
			300EW+33.21	-	302EW+18.67	29.53	LT	-	-	698	-	-	-	-	-	-	-	-	-	-	-
			338EW+14.38	-	341EW+92.50	53.89	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			343EW+37.66	-	348EW+44.77	76.65	LT	-	-	383	-	-	-	-	-	-	-	-	-	-	-
			349EW+84.86	-	356EW+68.94	146.98	LT	-	-	507	-	-	-	-	-	-	-	-	-	-	-
			352EW+67.12	-	369EW+58.22	169.90	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			353EW+03.68	-	357EW+55.05	127.07	LT	-	-	1,764	-	-	-	-	-	-	-	-	-	-	-
			356EW+68.94	-	360EW+18.82	208.85	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			STAGE 1B SUBTOTAL					13.118	18,990	3,859		3,859		251		0	0				31
1000	2A	IH 94	265EW+49.39	-	269EW+74.54	22.34	LT	425	-	-	-	-	-	-	-	-	-	-	-	-	-
			265EW+49.40	-	269EW+74.55	34.34	LT	-	-	-	107	-	-	-	-	-	-	-	-	-	-
			265EW+49.41	-	275EW+58.74	46.34	LT	-	-	-	252	-	-	-	-	-	-	-	-	-	-
			265EW+49.42	-	275EW+59.66	58.34	LT	-	-	-	253	-	-	-	-	-	-	-	-	-	-
			269EW+74.55	-	342EW+06.01	34.04	LT	7,233	-	-	-	-	-	-	-	-	-	-	-	-	-
			275EW+59.38	-	283EW+87.51	45.85	LT	-	-	830	-	-	-	-	-	-	-	-	-	-	-
			275EW+59.66	-	356EW+68.87	57.84	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			283EW+87.51	-	312EW+61.00	36.57	LT	-	-	8,114	-	-	-	-	-	-	-	-	-	-	-
			297EW+14.75	-	342EW+05.74	35.55	RT	4,488	-	-	721	-	-	-	-	-	-	-	-	-	-
			297EW+14.80	-	304EW+28.18	47.55	RT	-	-	712	-	-	-	-	-	-	-	-	-	-	-
			297EW+14.86	-	304EW+28.61	55.55	RT	-	-	712	-	-	-	-	-	-	-	-	-	-	-
			297EW+14.96	-	343EW+49.10	72.29	RT	-	-	4,644	-	-	-	-	-	-	-	-	-	-	-
			304EW+28.61	-	310EW+30.29	36.94	RT	-	-	-	151	-	-	-	-	-	-	-	-	-	-
			310EW+30.29	-	324EW+91.13	79.94	RT	-	-	-	151	-	-	-	-	-	-	-	-	-	-
			310EW+30.31	-	324EW+91.13	20.71	RT	-	-	1,461	-	-	-	-	-	-	-	-	-	-	-
			312EW+30.31	-	324EW+91.13	21.71	RT	-	-	1,461	-	-	-	-	-	-	-	-	-	-	-
			312EW+67.35	-	349EW+06.38	26.21	LT	-	-	1,230	-	-	-	-	-	-	-	-	-	-	-
			324EW+91.11	-	322EW+69.12	26.21	LT	-	-	624	-	-	-	-	-	-	-	-	-	-	-
			324EW+91.88	-	332EW+67.86	8.21	RT	-	-	195	-	-	-	-	-	-	-	-	-	-	-
			331EW+45.56	-	335EW+13.68	25.55	LT	-	-	194	-	-	-	-	-	-	-	-	-	-	-
			332EW+69.15	-	343EW+48.75	6.12	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			332EW+70.19	-	343EW+48.92	4.91	RT	-	-	1,086	-	-	-	-	-	-	-	-	-	-	-
			335EW+13.68	-	342EW+06.70	32.02	LT	-	-	1,088	-	-	-	-	-	-	-	-	-	-	-
			335EW+13.68	-	349EW+83.93	32.02	LT	-	-	689	-	-	-	-	-	-	-	-	-	-	-
			335EW+19.93	-	338EW+19.80	10.87	LT	1,464	-	-	-	-	-	-	-	-	-	-	-	-	-
			338EW+19.80	-	338EW+95.65	10.82	RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			338EW+19.80	-	342EW+05.05	10.82	RT	-	-	77	-	-	-	-	-	-	-	-	-	-	-
			338EW+95.65	-	343EW+48.57	20.99	RT	-	-	386	-	-	-	-	-	-	-	-	-	-	-
			349EW+84.86	-	356EW+68.80	146.98	LT	456	-	-	-	-	-	-	-	-	-	-	-	-	-
			349EW+96.38	-	354EW+00.61	114.31	LT	-	-	689	-	-	-	-	-	-	-	-	-	-	-
			349EW+96.88	-	357EW+55.05	102.32	LT	-	-	406	-	-	-	-	-	-	-	-	-	-	-
			352EW+67.09	-	369EW+58.22	170.06	LT	-	-	1,764	-	-	-	-	-	-	-	-	-	-	-
			356EW+68.80	-	360EW+18.82	208.83	LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			70TH STREET UNDISTRIBUTED	-				400	400	-	-	-	-	-	-	-	-	-	-	-	-
			68TH STREET UNDISTRIBUTED	-				400	400	-	-	-	-	-	-	-	-	-	-	-	-
			STAGE 2A SUBTOTAL					14,866	26,150	2,648		2,648		449		0	0				180

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Revised Sheet 1165
August 25, 2023

TRAFFIC CONTROL PAVEMENT MARKINGS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	LOCATION	UNDIST.		WHITE		BLACK		EACH	
								UF	LF	UF	LF	UF	LF	UF	LF
IH 94	7		209EW+97.68	-	231EW+60.57	78.00	RT	2,147	-	-	-	-	-	-	-
			215EW+42.67	-	355EW+27.80	90.00	RT	-	-	-	3,503	-	-	-	
			216EW+68.55	-	243EW+44.95	102.00	RT	-	-	-	667	-	-	-	
			218EW+56.74	-	261EW+04.25	114.00	RT	-	-	-	4,761	-	-	-	
			231EW+06.94	-	322EW+50.00	22.00	RT	9,148	-	-	-	-	-	-	-
			231EW+06.94	-	315EW+23.87	34.00	RT	-	-	-	-	-	2,107	-	-
			231EW+06.94	-	365EW+18.11	46.00	RT	-	-	-	-	-	3,355	-	-
			255EW+58.48	-	261EW+04.25	100.44	RT	-	-	-	760	-	-	-	-
			255EW+58.74	-	276EW+16.35	112.43	RT	-	-	-	-	-	-	-	-
			260EW+72.57	-	322EW+50.00	22.69	LT	-	-	-	2,278	-	-	-	-
			261EW+04.25	-	263EW+17.35	69.09	RT	-	-	-	-	-	-	-	-
			263EW+87.93	-	347EW+77.82	34.53	LT	-	-	-	-	-	54	-	-
			263EW+87.94	-	365EW+97.76	46.53	LT	-	-	-	8,494	-	-	-	-
			263EW+87.95	-	357EW+98.95	58.53	LT	-	-	-	-	-	2,590	-	-
			263EW+19.15	-	276EW+16.28	81.40	RT	-	-	-	-	-	2,382	-	-
			272EW+27.77	-	302EW+53.65	69.33	RT	-	-	-	-	1,301	-	-	-
			276EW+37.90	-	303EW+69.23	70.00	LT	-	-	-	-	3,176	-	-	-
			302EW+52.98	-	311EW+10.79	80.34	RT	-	-	-	-	2,752	-	-	-
			302EW+53.65	-	311EW+50.09	63.90	RT	-	-	-	-	955	-	-	-
			303EW+69.23	-	312EW+81.16	64.00	LT	-	-	-	-	-	-	249	-
			304EW+43.44	-	312EW+81.12	76.00	LT	-	-	-	-	-	-	229	-
			312EW+50.09	-	358EW+99.37	64.00	RT	-	-	-	-	840	-	-	-
			315EW+24.83	-	350EW+52.94	16.00	LT	-	-	-	-	-	-	-	-
			332EW+00.88	-	341EW+99.55	3.88	RT	-	-	-	-	3,758	-	-	-
			332EW+38.43	-	337EW+78.59	4.43	RT	-	-	-	-	-	-	-	-
			334EW+51.05	-	342EW+00.05	5.19	LT	-	-	-	-	-	-	136	-
			334EW+51.05	-	337EW+73.37	5.19	LT	-	-	-	-	-	-	-	-
			337EW+71.38	-	364EW+81.78	27.63	RT	-	-	-	-	-	-	81	-
			337EW+73.73	-	342EW+01.00	23.59	LT	-	-	-	-	-	-	685	-
			337EW+78.59	-	342EW+71.34	17.04	RT	-	-	-	-	426	-	-	-
			337EW+78.59	-	358EW+88.43	23.59	LT	-	-	-	-	395	-	-	-
			341EW+31.38	-	348EW+55.42	17.04	RT	-	-	-	-	-	-	-	-
			346EW+61.51	-	365EW+87.50	64.34	LT	-	-	-	-	-	-	-	-
			347EW+02.10	-	359EW+81.90	7.20	LT	-	-	-	-	1,087	-	-	-
			348EW+27.39	-	348EW+55.42	9.64	RT	-	-	-	-	-	-	625	-
			348EW+55.42	-	350EW+52.94	166.45	LT	-	-	-	-	1,331	-	-	-
			349EW+10.78	-	357EW+37.66	6.51	LT	-	-	-	-	-	-	-	-
			349EW+34.82	-	357EW+55.05	85.53	LT	-	-	-	-	-	-	724	-
			355EW+27.80	-	361EW+26.54	164.59	LT	-	-	-	-	-	-	214	-
			355EW+27.80	-	359EW+02.83	83.69	LT	-	-	-	-	-	-	-	-
			357EW+37.66	-	364EW+81.03	83.69	LT	-	-	-	-	959	-	-	-
			357EW+37.66	-	359EW+81.68	120.61	LT	-	-	-	-	245	-	-	-
			357EW+55.05	-	364EW+82.16	120.61	LT	753	-	-	-	-	-	-	-
			357EW+55.05	-	358EW+89.35	198.11	LT	-	-	-	-	135	-	-	-
			357EW+98.95	-	365EW+77.10	198.11	LT	-	-	-	-	855	-	-	-
			357EW+98.95	-	361EW+78.09	241.46	LT	-	-	-	-	387	-	-	-
			357EW+98.95	-	366EW+07.88	241.46	LT	-	-	-	-	-	-	-	-
STAGE 7 SUBTOTAL								35,032	95,393	15,968	1,133	0	0	0	
PROJECT 1060-27-71 SUBTOTAL								135,173	265,870	39,007	3,354	56,461	15,038	957	
UNDISTRIBUTED								20,276	39,881	5,851	503	8,469	2,256	144	
PROJECT 1060-27-71 TOTAL									596,058	44,858	3,857	64,930	17,293	1,101	

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STAGE 7 SUBTOTAL
PROJECT 1060-27-71 SUBTOTAL
UNDISTRIBUTED
PROJECT 1060-27-71 TOTAL

STATE PROJECT NUMBER
1060-27-71

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN PLANS, DETAILS, SPECIFICATIONS, AND NOTES FOR THE RETAINING WALL MANUFACTURER. THE CONTRACTOR SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-40-741".

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

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN IN THESE PLANS.

DESIGN FOR RETAINING WALL TO PROVIDE FOR FINISHED GRADE AS SHOWN ON THE "TYPICAL WALL SECTIONS" SHEET

SOIL REINFORCEMENT MAY BE PLACED UP TO THE 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.

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

DESIGN SPECIFICATIONS
AS PER THE BUREAU OF STRUCTURES DESIGN SPECIFICATIONS,
9TH EDITION, 2020

LIVE LOAD:
LIVE LOAD SURCHARGE (ROADWAY) 240 PSF

MATERIAL PROPERTIES:
CONCRETE MASONRY:
COPING, ANCHOR SLAB AND PARAPETS $f_c = 4,000$ PSI
PRECAST CONCRETE WALL PANELS $f_c = 4,000$ PSI
BAR STEEL REINFORCEMENT $f_y = 60,000$ PSI

DESIGN THE MSE WALL IN FRONT OF THE ABUTMENT BODY (SEGMENT C) TO RESIST THE FORCE FROM ALL HORIZONTAL EARTH PRESSURE ACTING ON THE BACK OF THE ABUTMENT BELOW THE BEAM SEATS INCLUDING THE VERTICAL EARTH SURCHARGE LOAD ABOVE THE BEAM SEATS AND A LIVE LOAD VERTICAL SURCHARGE OF 240 PSF.

DESIGN THE MSE WALL OUTSIDE THE WEST ABUTMENT LIMITS OF BRIDGES B-40-1040 & B-40-1041 FOR A HORIZONTAL BACKSLOPE BEHIND THE WALL AND A LIVE LOAD VERTICAL SURCHARGE OF 240 PSF.

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION (1 OF 2)
2. GENERAL PLAN & ELEVATION (2 OF 2)
3. GENERAL NOTES, QUANTITIES & PROFILE GRADE LINES
4. TYPICAL WALL SECTIONS
5. ANCHOR SLAB DETAILS
6. PARAPET TRANSITION DETAILS
7. WALL DETAILS
8. WALL DETAILS
9. SUBSURFACE EXPLORATION (1 OF 2)
10. SUBSURFACE EXPLORATION (2 OF 2)

TRAFFIC DATA

HWY 94:
ADT = 177,100 (2030)
DESIGN SPEED = 60 MPH
R.D.S. = 60 MPH
HAWLEY ROAD
ADT = 20,300 (2030)
ADT = 15,500 (2050)
R.D.S. = 35 MPH

NO.	DATE	REVISION	BY
①	8/21/25	MISC. CORRECTIONS	JRM

emcs
Transforming Challenges into Solutions

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ DATE _____
CHIEF STRUCTURES DESIGN ENGINEER

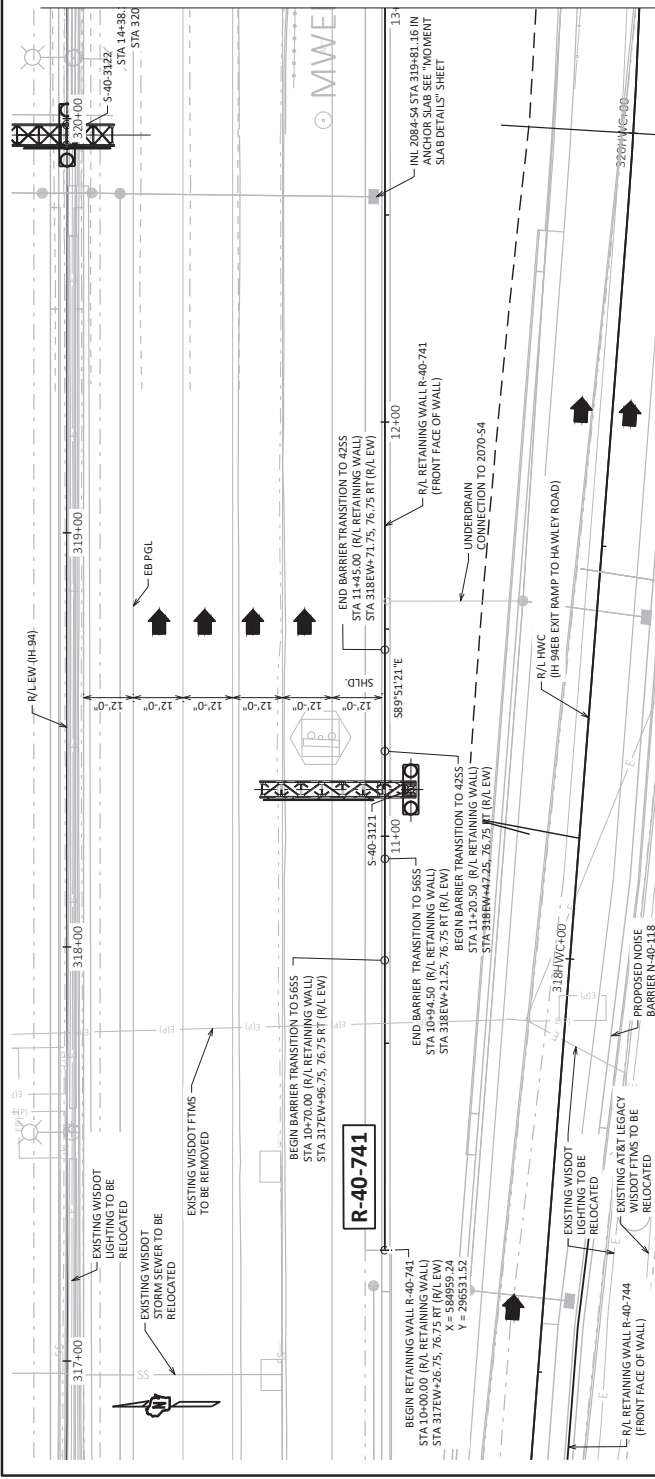
STRUCTURE R-40-741

HAWLEY ROAD WEST ABUTMENT RETAINING WALL

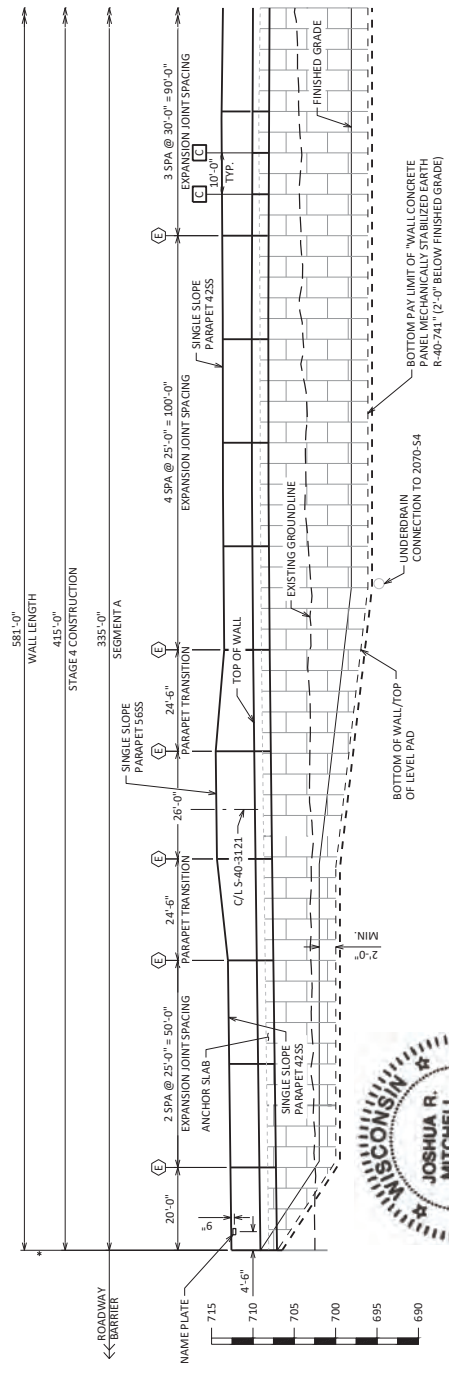
COUNTY MILWAUKEE
DESIGN SPEC. MILWAUKEE
DESIGNED BY JRM
BY AMR LKD

DESIGNED BY	JRM
CHECKED BY	AMR LKD
DATE	8/21/25
SCALE	1:10
SHEET	1 OF 10
GENERAL PLAN & ELEVATION (1 OF 2)	2110

DATE: MAY 1, 2025



PLAN
(PRECAST CONCRETE PANEL MSE WALL)



ELEVATION
(LOOKING NORTH AT THE FRONT FACE OF WALL)
(DISTANCES AND STATIONS ARE GIVEN ALONG THE FRONT FACE OF WALL)

LEGEND

- INDICATES FINAL ROADWAY LANE LOCATION AND DIRECTION OF TRAVEL
- EXPANSION JOINT
- CONTRACTION JOINT

STRUCTURES DESIGN CONTACTS
BRIDGE OFFICE: (608) 261-0261
ARCHITECT: (414) 935-5740
CONTRACTOR: (414) 935-5740



8/21/25

Addendum No. 01
ID 1060-27-71
Revised Sheet 2110
August 25, 2023

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BEVEL EXPOSED EDGES OF CONCRETE 1/4", UNLESS NOTED OTHERWISE.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS) MILWAUKEE COUNTY ZONE 48 (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 OR NOTED OTHERWISE.

ALL BAR STEEL REINFORCEMENT IN THE CONCRETE COPING IS TO BE EPOXY COATED.

REFER TO S.D.D. 12A3-10 FOR NAME PLATE DETAILS.

BAR STEEL REINFORCEMENT SHALL HAVE 2" CLEAR COVER, UNLESS SHOWN OR NOTED OTHERWISE.

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 COST OF FURNISHING AND PLACING MSE BACKFILL BEHIND THE REINFORCED SOIL ZONE IS TO BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-40-741".

THESE PLANS ARE FOR A PRECAST CONCRETE PANEL MECHANICALLY STABILIZED EARTH (MSE) RETAINING WALL.

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED CONCRETE WALL PANEL THICKNESS OF 18 INCHES. FOR PANEL THICKNESS DIFFERENT THAN 18 INCHES, THE REINFORCEMENT DETAILS AND QUANTITIES WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

THE CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF WALL R-40-741 WITH THE CONSTRUCTION OF THE WEST ABUTMENTS OF BRIDGES R-40-1040 AND R-40-1041.

THE CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF THE STORM SEWER COMPONENTS, INCLUDING INLETS, LATERALS AND STRUCTURES WITH THE CONSTRUCTION LIMITS OF THE MSE WALL.

THE UTILITY AND STORM SEWER INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES AND STORM SEWER ARE 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 CONSTRUCTION.

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE 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 R-40-741".

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 R-40-741".

THE VOLUME OF EARTHWORK REQUIRED TO INSTALL THE UNREINFORCED CONCRETE LEVELING PAD, MSE PRECAST WALL PANELS, MSE BACKFILL AND REINFORCING STRIPS IS INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-40-741". SEE WALL EXCAVATION LIMITS DIAGRAM ON SHEET 4 FOR DETAILS.

THE QUANTITIES OF CONCRETE MASONRY AND BAR STEEL REINFORCEMENT FOR THE SEGMENTS A & E ANCHOR SLAB AND PARAPET ARE PAID FOR UNDER THE ITEMS "CONCRETE MASONRY RETAINING WALLS" & "BAR STEEL REINFORCEMENT HS COATED STRUCTURES", RESPECTIVELY.

THE QUANTITIES OF CONCRETE MASONRY & BAR STEEL REINFORCEMENT FOR THE SEGMENT C STABILIZED EARTH R-40-741.

THE PLAN QUANTITY FOR THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-40-741" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE LEVELING PAD TO THE TOP OF THE PARAPET. THE TOP OF THE LEVELING PAD IS ASSUMED TO BE 2'-0" BELOW THE FINISHED GRADE. ALL AREAS CONSTRUCTED OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT.

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

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

THE FIRST DIRT OR THE FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.

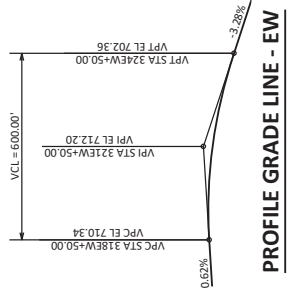
APPLY PROTECTIVE SURFACE TREATMENT TO THE EXPOSED TOP SURFACE OF THE ANCHOR SLAB.

APPLY PIGMENTED SURFACE SEALER TO THE TOP AND INSIDE ROADWAY FACES OF THE PARAPET.

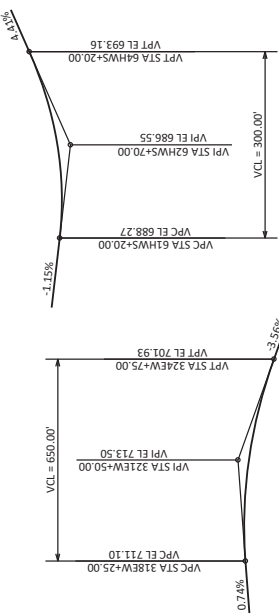
WALL EXTERNAL STABILITY EVALUATION

STATE PROJECT NUMBER		1060-27-71	
DESIGN WALL STATION (ROADWAY STATION)		13+19.87	13+98.16
APPLICABLE WALL STATIONS		(320EW+482.05) 10+00.00 TO 13+19.98	(320EW+488.15) 13+55.00 TO 15+21.00
BORINGS USED		WLB-15, WLB-15A, WLB-15B, WLB-30	WLB-15, WLB-15A, WLB-17, WLB-31
TOTAL MSE WALL HEIGHT (FT)		14.0	21.5
EXPOSED MSE WALL HEIGHT (FT)		12.0	22.7
MINIMUM LENGTH OF REINFORCEMENT (FT)		9.8	15.1
REINFORCEMENT RATIO		0.70	0.70
CAPACITY DEMAND RATIO (CDR) - EXTERNAL STABILITY		1.02	1.14
SLIDING		1.35	1.51
ECCENTRICITY		3.14	2.93
BEARING		2.85	1.50
CAPACITY DEMAND RATIO (CDR) - GLOBAL STABILITY		2.23	1.71
UNDRAINED (SHORT TERM)		3.38	2.45
DRAINED (LONG TERM)		1.18	1.23
*INCLUDES ABUTMENT HEIGHT			1.13

Addendum No. 01
ID 1060-27-71
Revised Sheet 2112
August 25, 2023



PROFILE GRADE LINE - EW
IN 94 EB



PROFILE GRADE LINE - HW
IN 94 WB

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
501.1000.5	ICE HOT WEATHER CONCRETING	LB	2030
502.3210	PIGMENTED SURFACE SEALER	SY	191
502.3200	PROTECTIVE SURFACE TREATMENT	SY	167
504.0500	CONCRETE MASONRY RETAINING WALLS	CY	271
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	3070
511.1200.0741	TEMPORARY SHORING R-40-741	SF	816
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	13
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	601
652.0230	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2 1/2-INCH	LF	98
653.0140	PULL BOXES STEEL 24X42-INCH	EACH	4
SPV.0165.4700	TEMPORARY WALL WIRE FACED MECHANICALLY STABILIZED EARTH	SF	1242
SPV.0165.4741	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-40-741	SF	7670
	NON-BID ITEMS		
	NAMEPLATE	EACH	1
	PREFORMED JOINT FILLER	SIZE	1/2" & 3/4"
	EXPANDED POLYSTYRENE	SIZE	1"
	NON-BITUMINOUS JOINT SEALER	SIZE	1"

PROFILE GRADE LINE - HWS

HAWLEY ROAD SOUTHBOUND

SOIL PARAMETERS

DESIGN SEGMENT	APPLICABLE WALL STATIONS		SOIL DESCRIPTION	TOP ELEVATION (FEET)	BOTTOM ELEVATION (FEET)	UNIT WEIGHT (PCF)	UNDRAINED		DRAINED	
	START	END					FRICTION ANGLE (DEGREES)	COHESION (PSF)	FRICTION ANGLE (DEGREES)	COHESION (PSF)
DS-1	10+00.00	13+19.98	1: NEW EMBANKMENT FILL	-	-	130	32	-	-	-
			2: MSE REINFORCED FILL (GRANULAR)	-	-	130	30	-	-	-
			3: EXISTING CLAY FILL	705.3	697.9	130	30	2500	30	75
			4: NATIVE COHESIVES - STIFF TO VERY STIFF	697.9	680.1	135	-	4000	33	200
			5: NATIVE GRANULAR	680.1	667.1	135	-	2500	31	125
DS-2	13+19.98	13+55.00	1: NATIVE COHESIVES - STIFF TO VERY STIFF	687.1	657.0	125	34	-	32	-
			2: NEW EMBANKMENT FILL	-	-	130	30	-	-	-
			3: NATIVE COHESIVES - STIFF TO VERY STIFF	688.3	679.2	135	-	4300	33	200
			4: NATIVE COHESIVES - STIFF TO VERY STIFF	679.2	661.9	135	-	2600	31	125
			5: NATIVE GRANULAR	661.9	645.4	125	35	-	35	-
DS-3	13+55.00	15+21.00	1: NATIVE TILL	645.4	616.4	135	-	4400	33	200
			2: NEW EMBANKMENT FILL	616.4	-	130	32	-	-	-
			3: MSE REINFORCED FILL (GRANULAR)	-	-	120	30	-	-	-
			4: NATIVE COHESIVES - STIFF TO VERY STIFF	685.7	651.8	135	-	3000	31	150
			5: NATIVE GRANULAR	651.8	640.2	125	36	-	36	-
DS-4	15+21.00	15+81.00	1: NATIVE TILL	642.2	618.6	135	-	4400	33	200
			2: NEW EMBANKMENT FILL	618.6	-	130	32	-	-	-
			3: MSE REINFORCED FILL (GRANULAR)	-	-	120	30	-	-	-
			4: NATIVE COHESIVES - STIFF TO VERY STIFF	701.9	693.6	130	-	2500	31	75
			5: NATIVE GRANULAR	693.6	665.1	135	-	2600	31	125

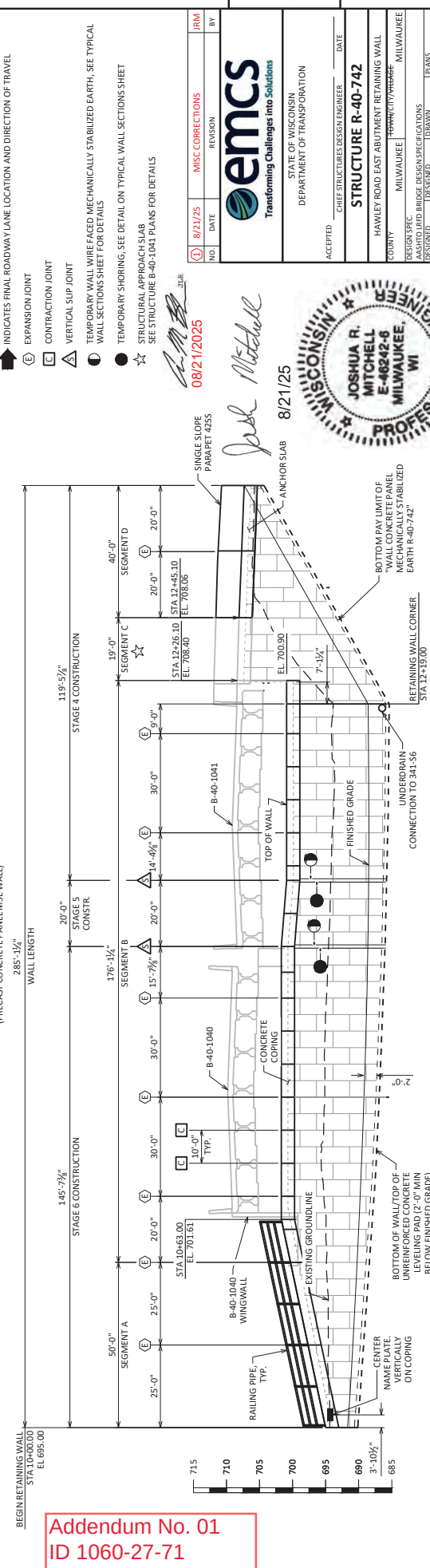
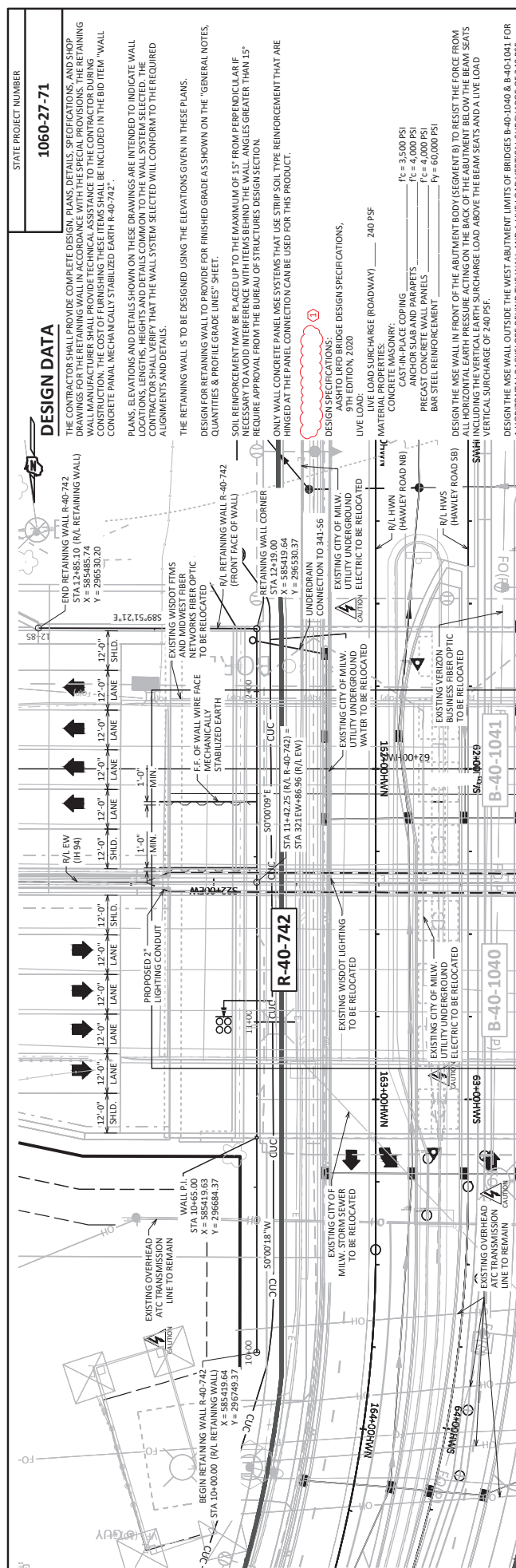
ALL ITEMS ARE CATEGORY 3070

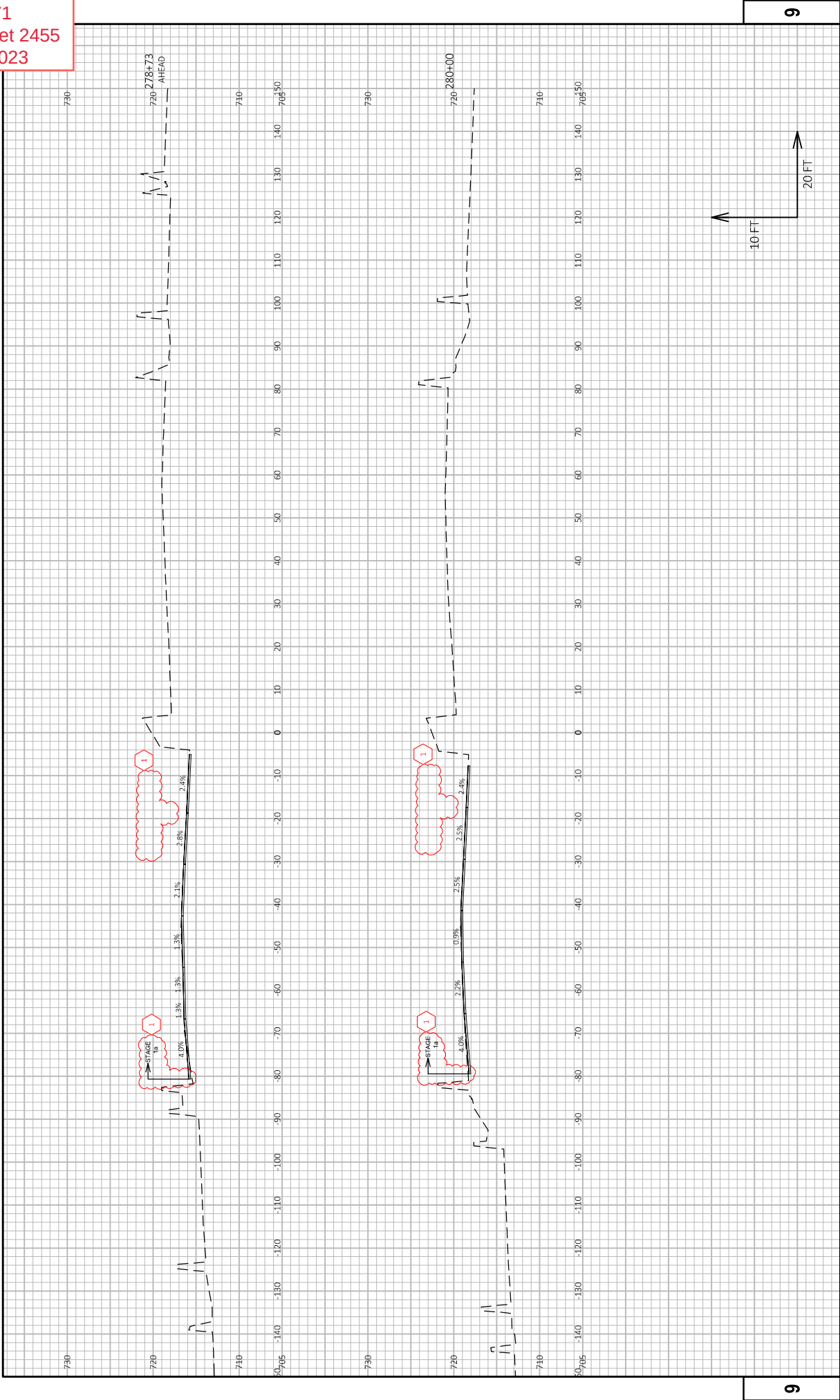
08/21/2025

8/21/25

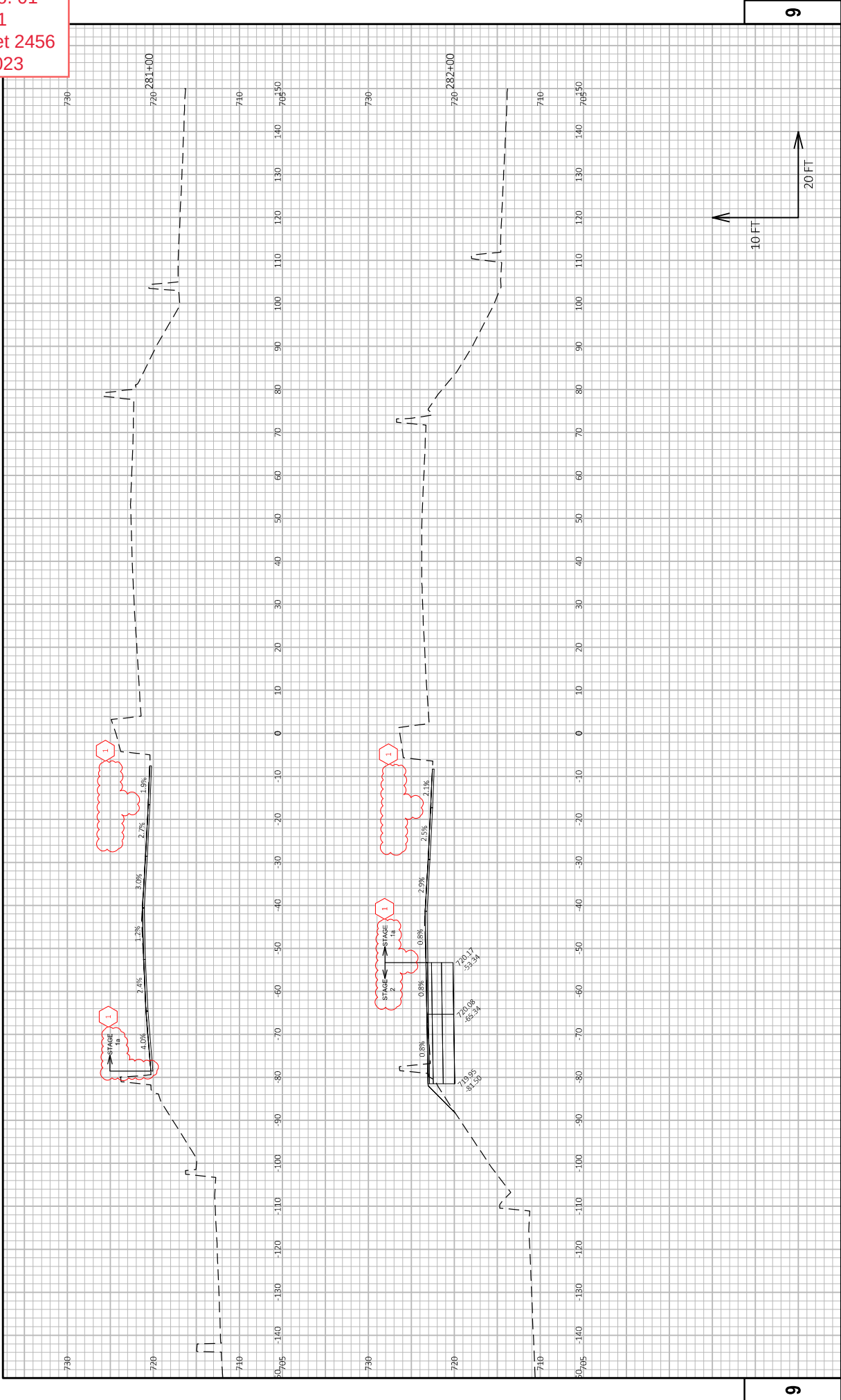
JRM

2112



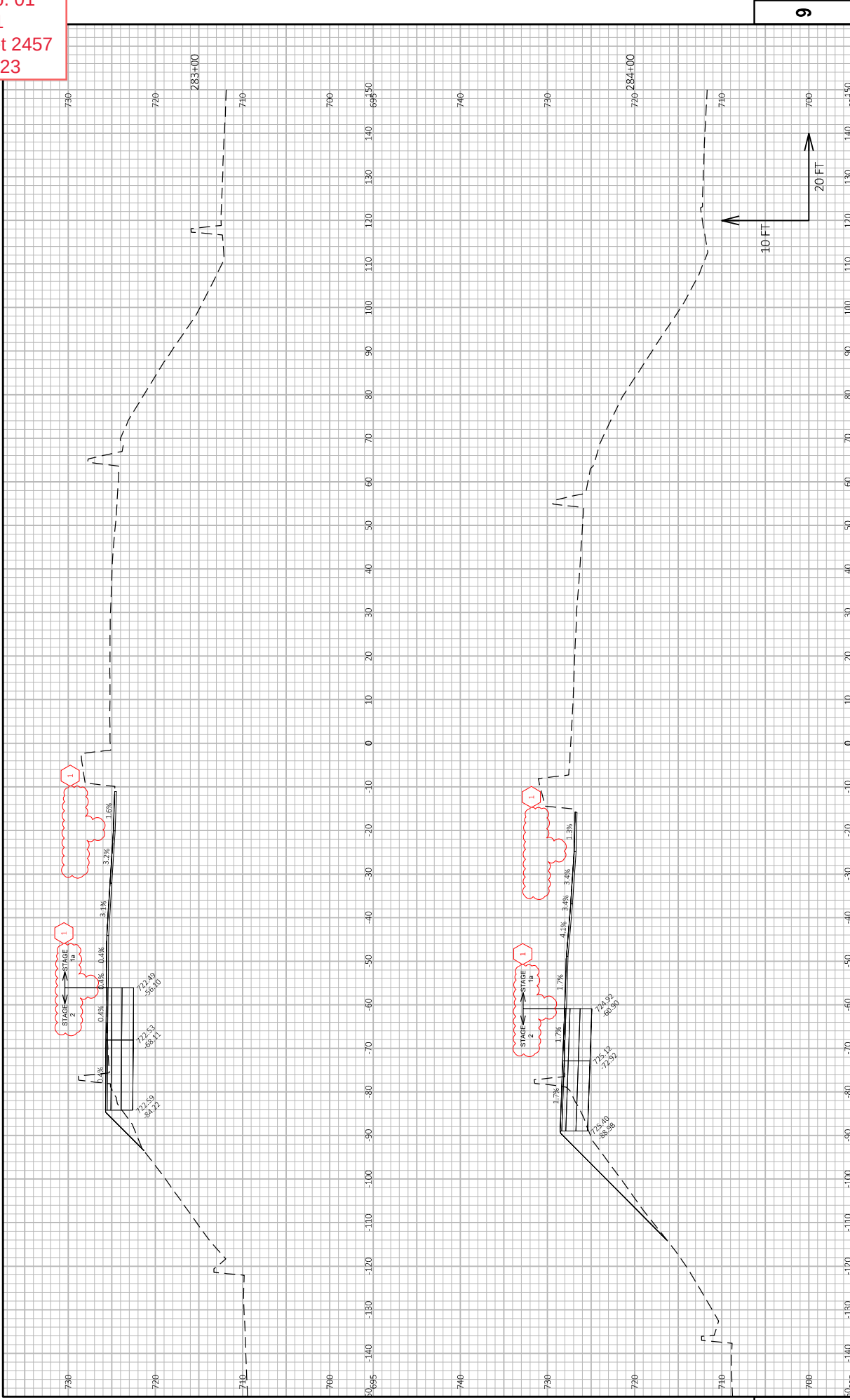


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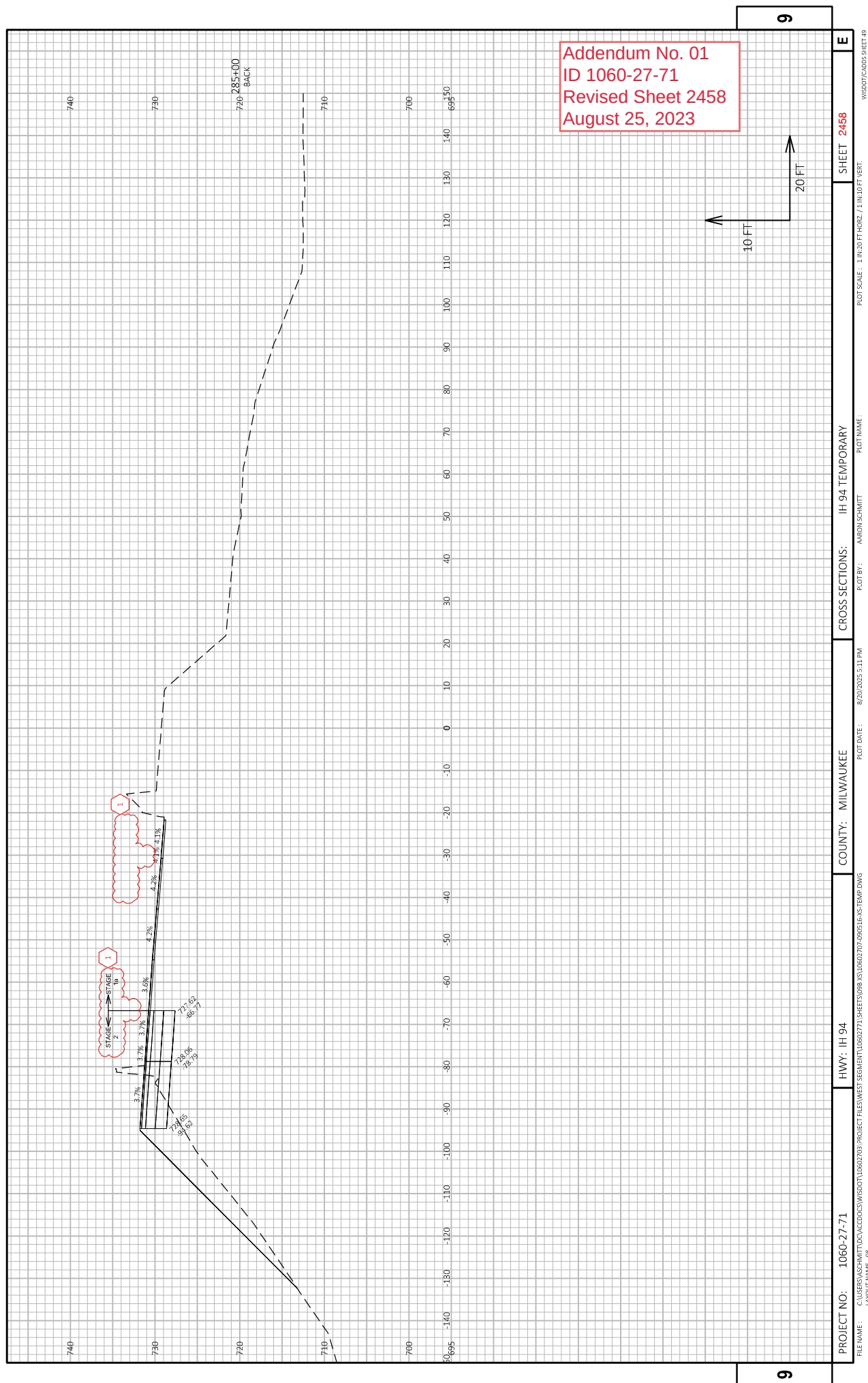


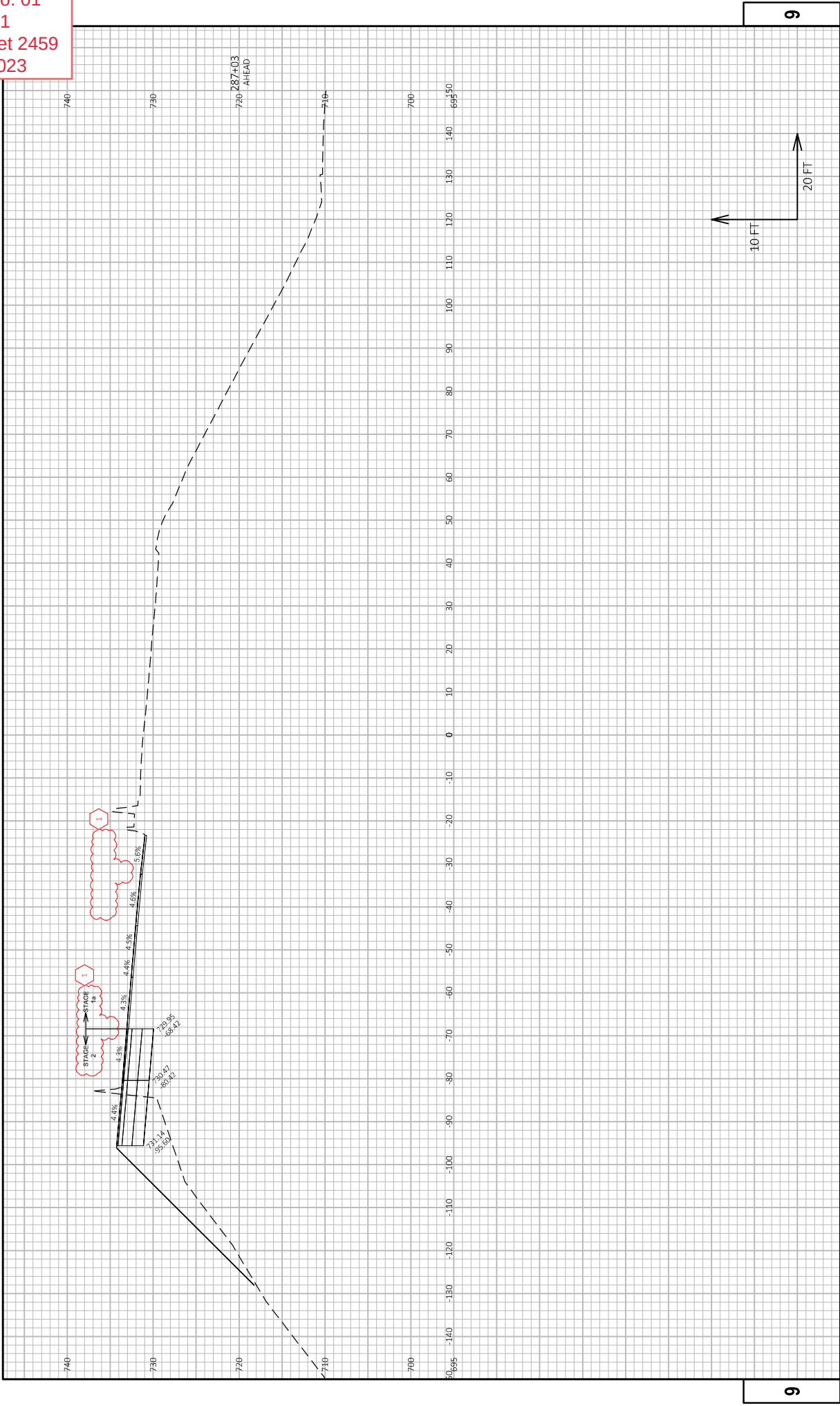
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LAYOUT NAME: 06		PLOT BY: AARON SCHMITT		WISDOT/CADD 9 SHEET 49

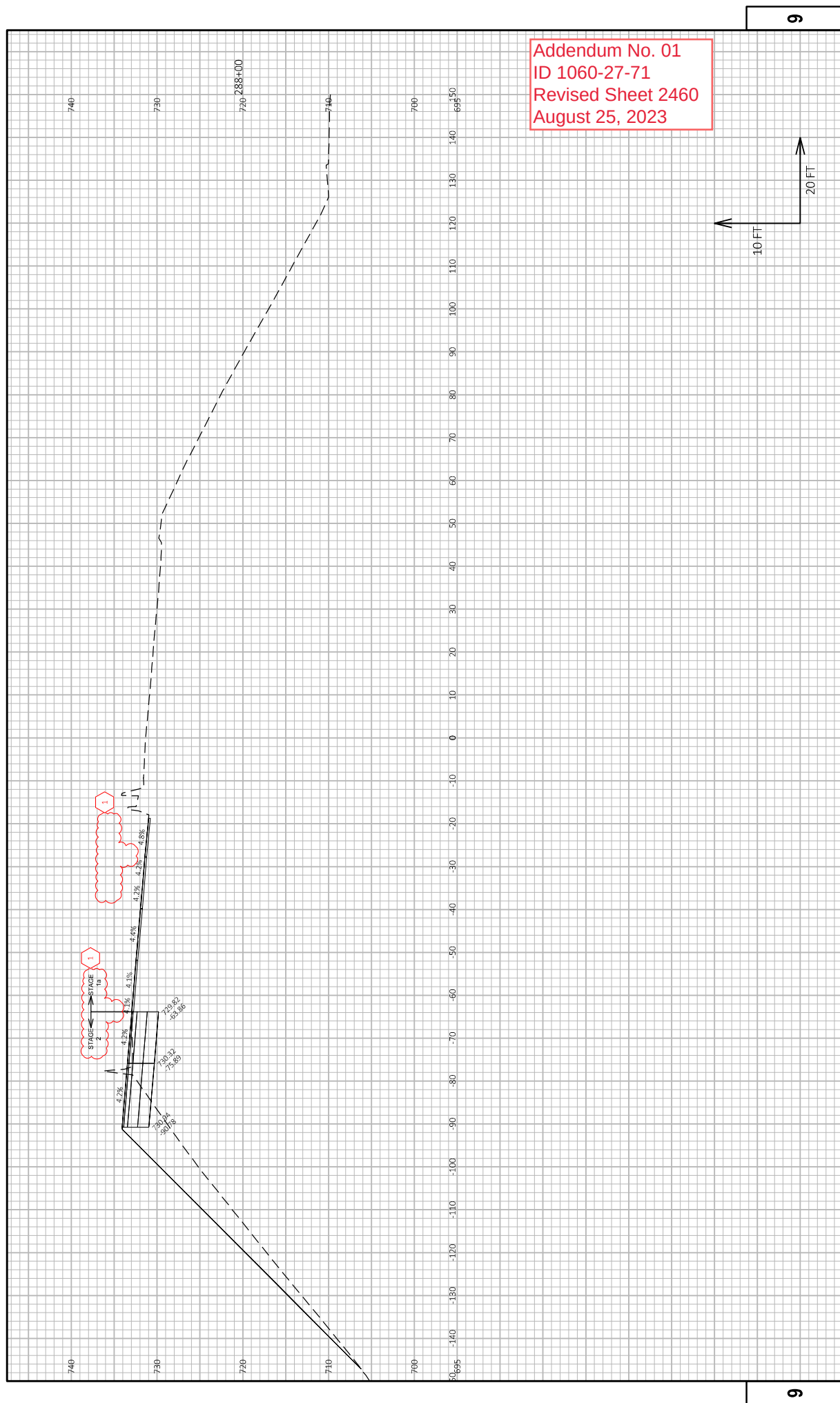
Addendum No. 01
ID 1060-27-71
Revised Sheet 2457
August 25, 2023



PROJECT NO: 1060-27-71		COUNTY: MILWAUKEE		CROSS SECTIONS: IH 94 TEMPORARY		SHEET 2457	
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LAYOUT NAME: - 07		HWY: IH 94		PLOT NAME:		WISDOT/CADD05 SHEET 49	







Addendum No. 01
ID 1060-27-71
Revised Sheet 2460
August 25, 2023

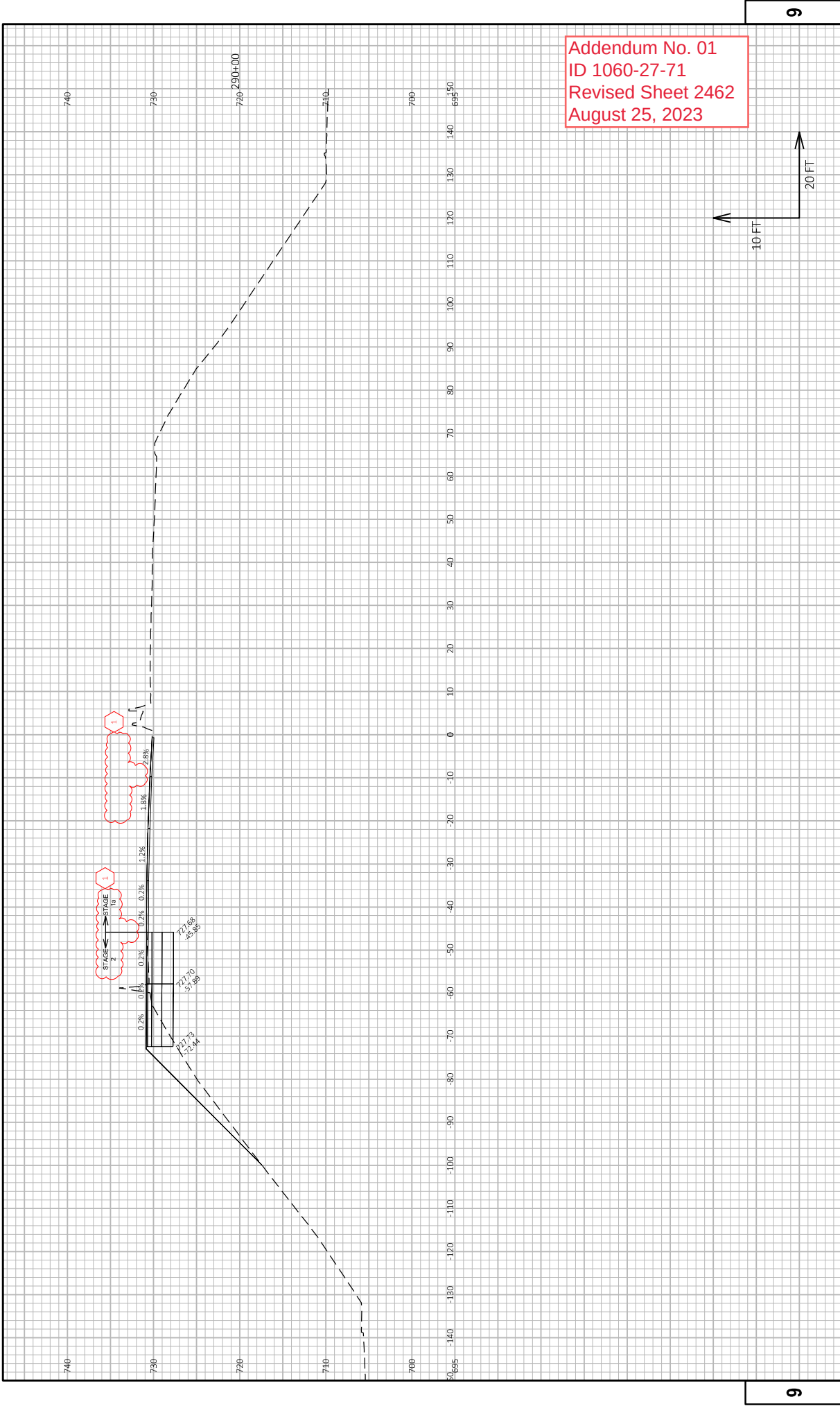
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CROSS SECTIONS:					IH 94 TEMPORARY
PLOT BY:	ARON SCHMITT	PLOT DATE:	8/20/2025 5:11 PM		PLOT NAME:

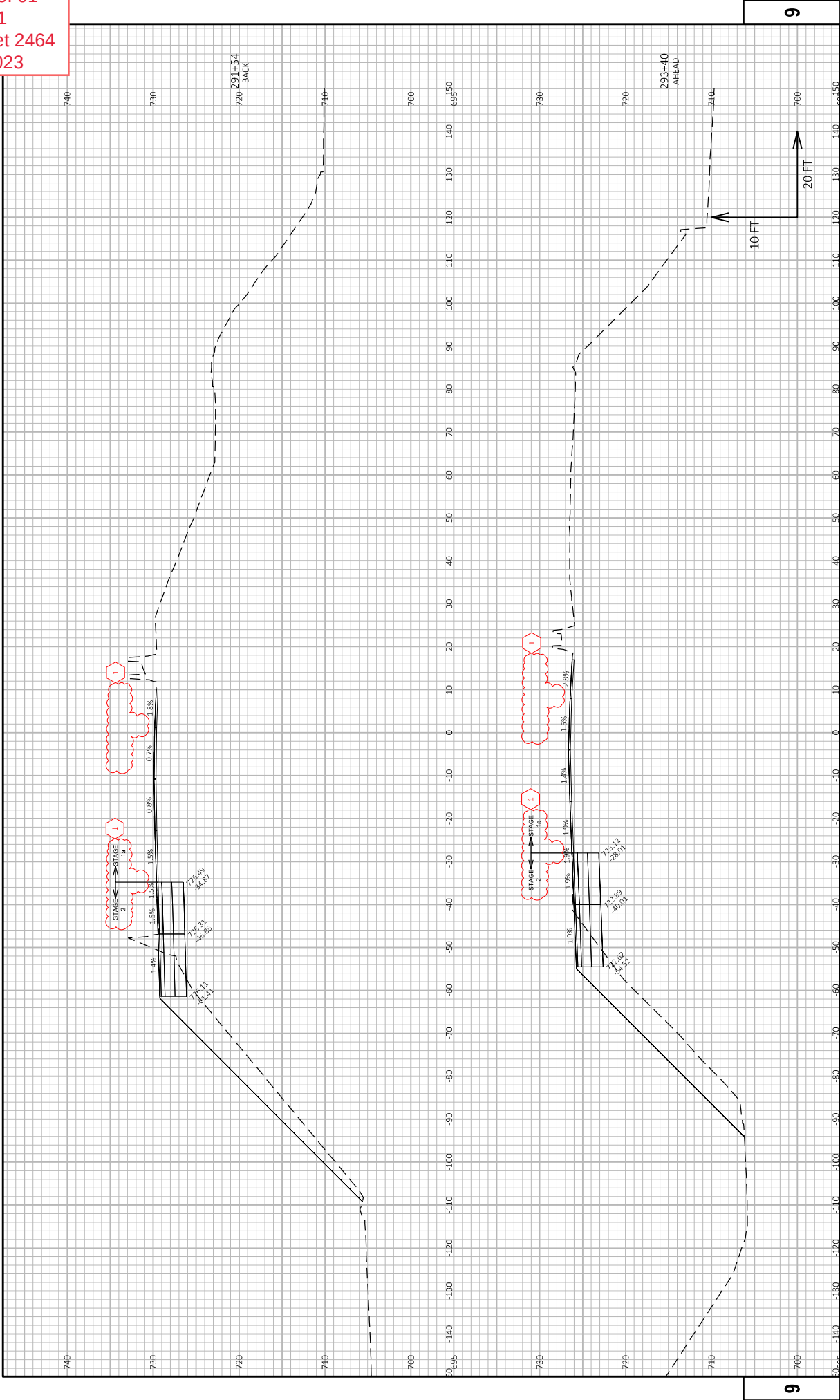
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WISDOT/CADDs SHEET 49

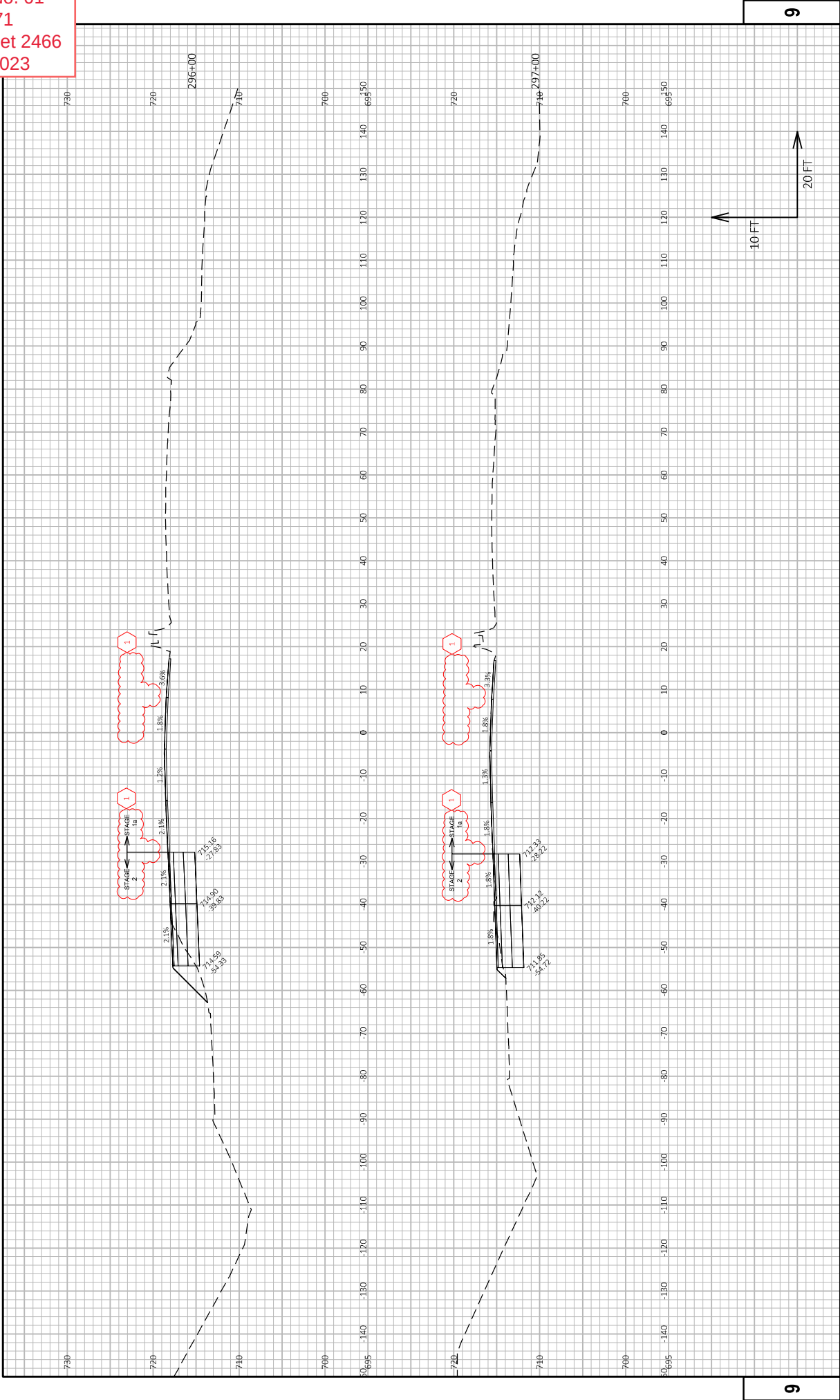
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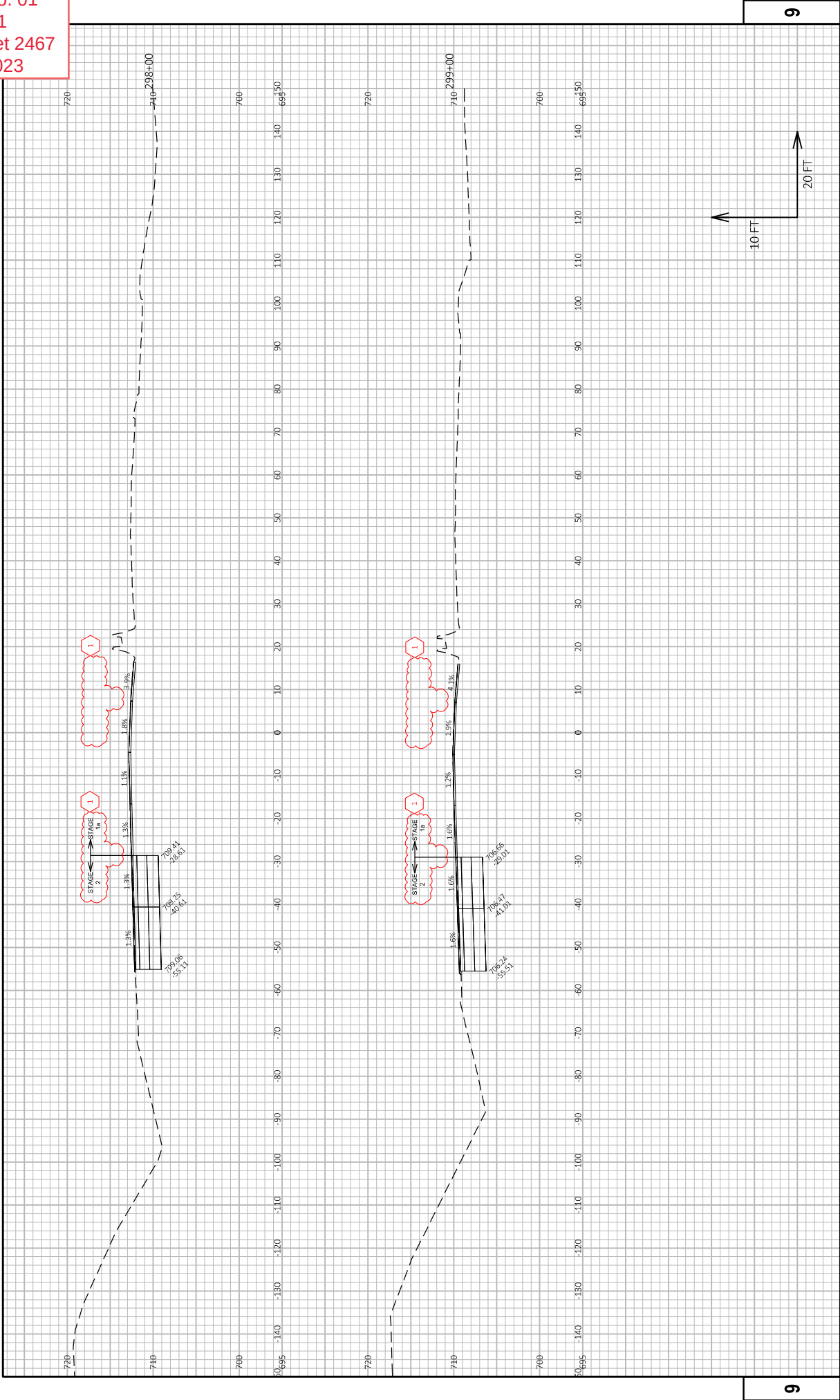
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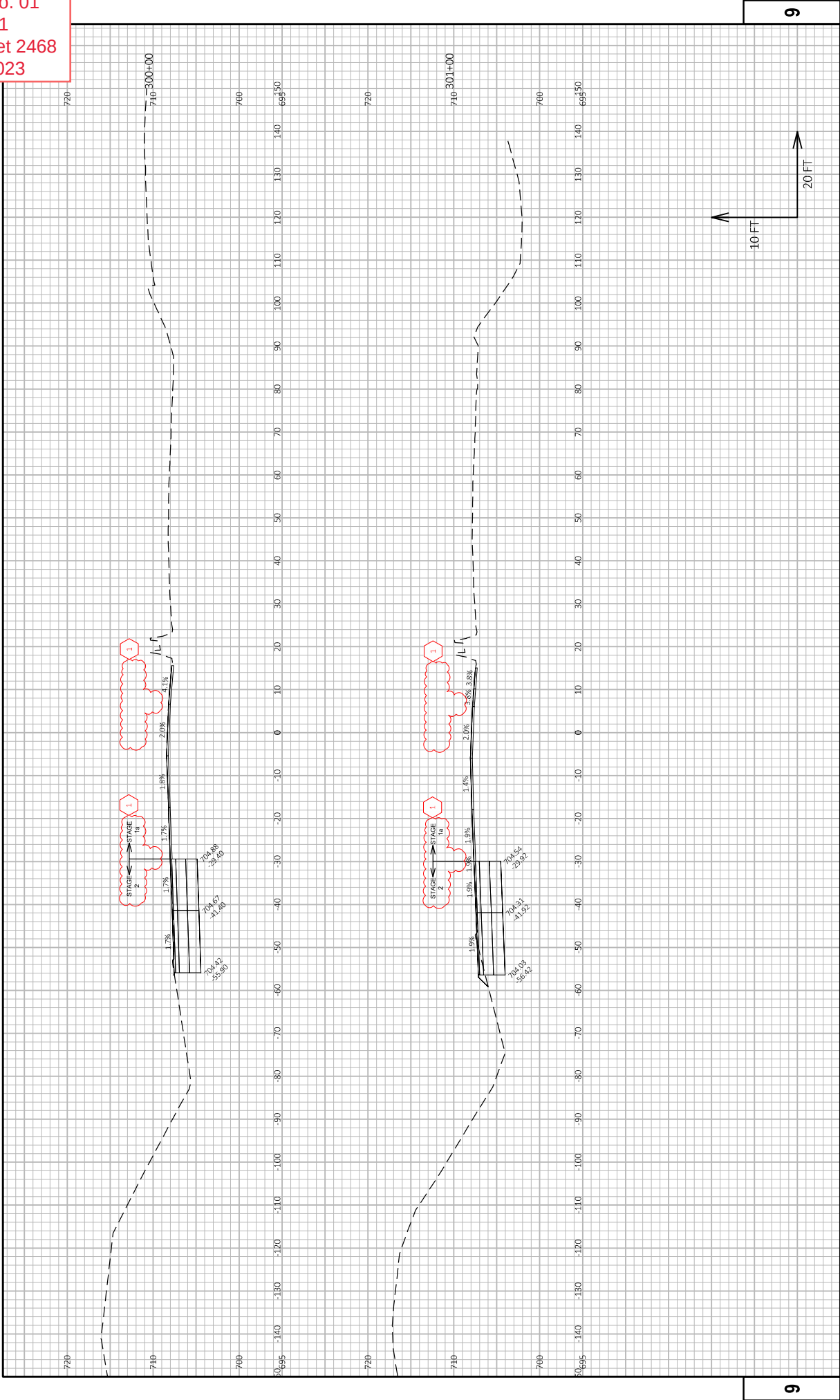


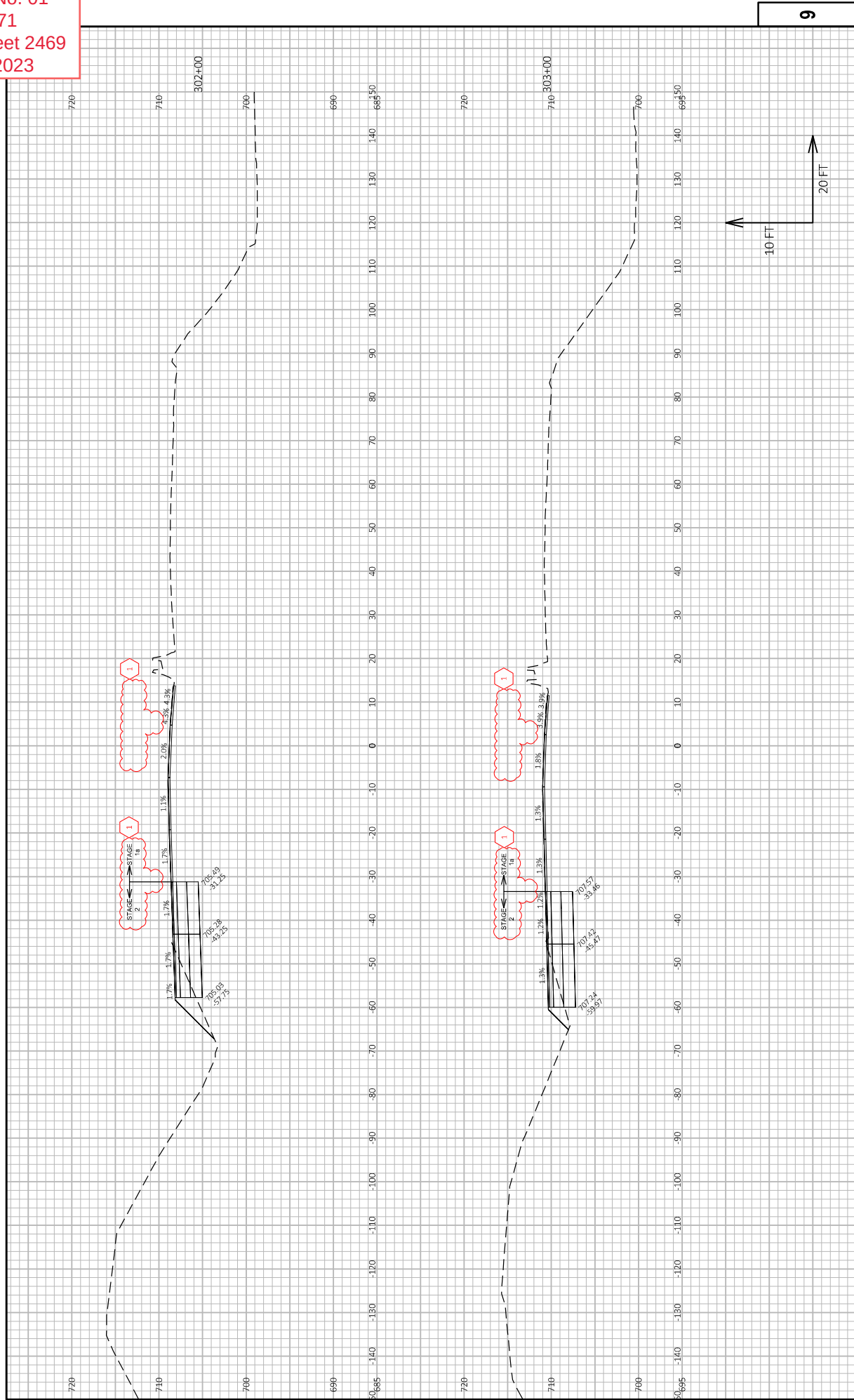


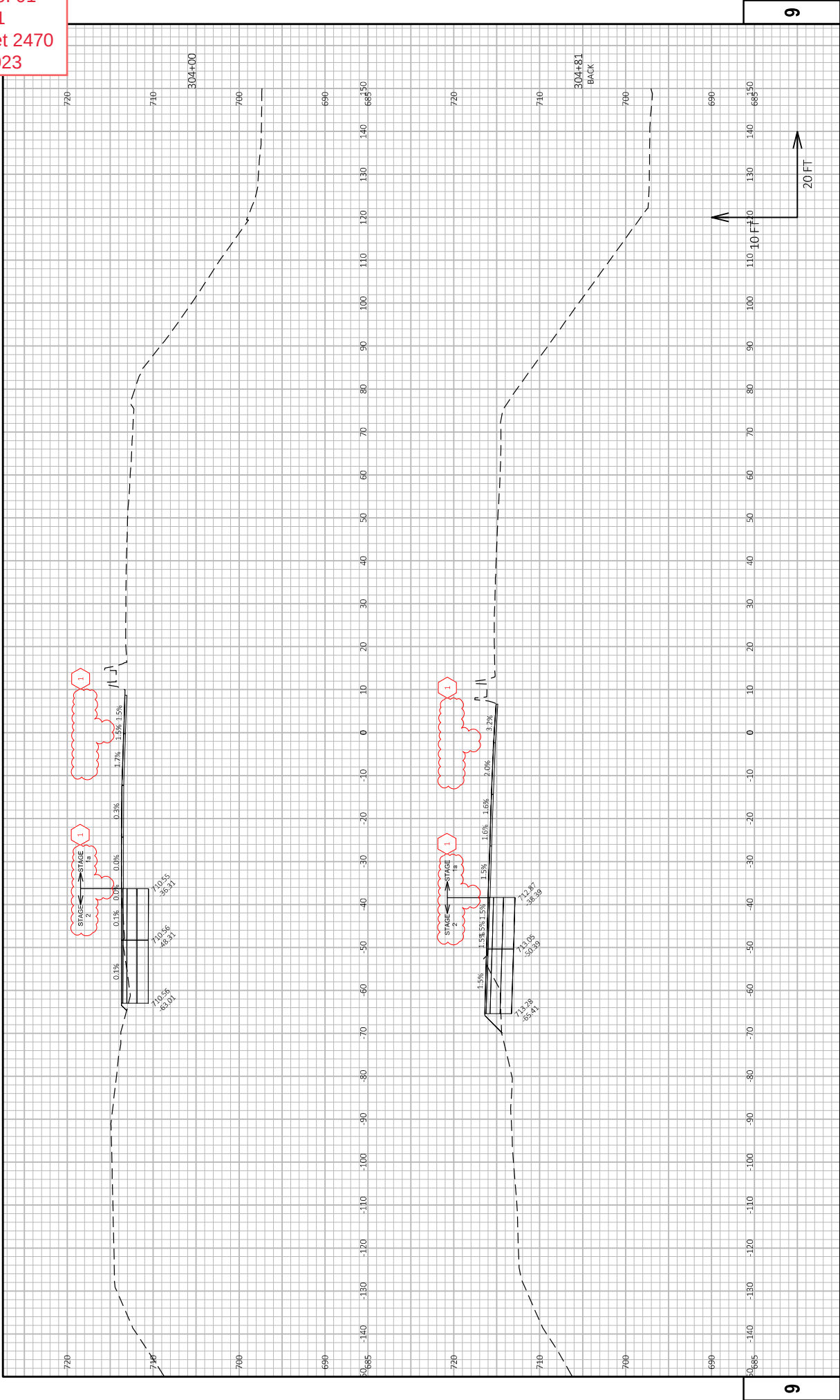


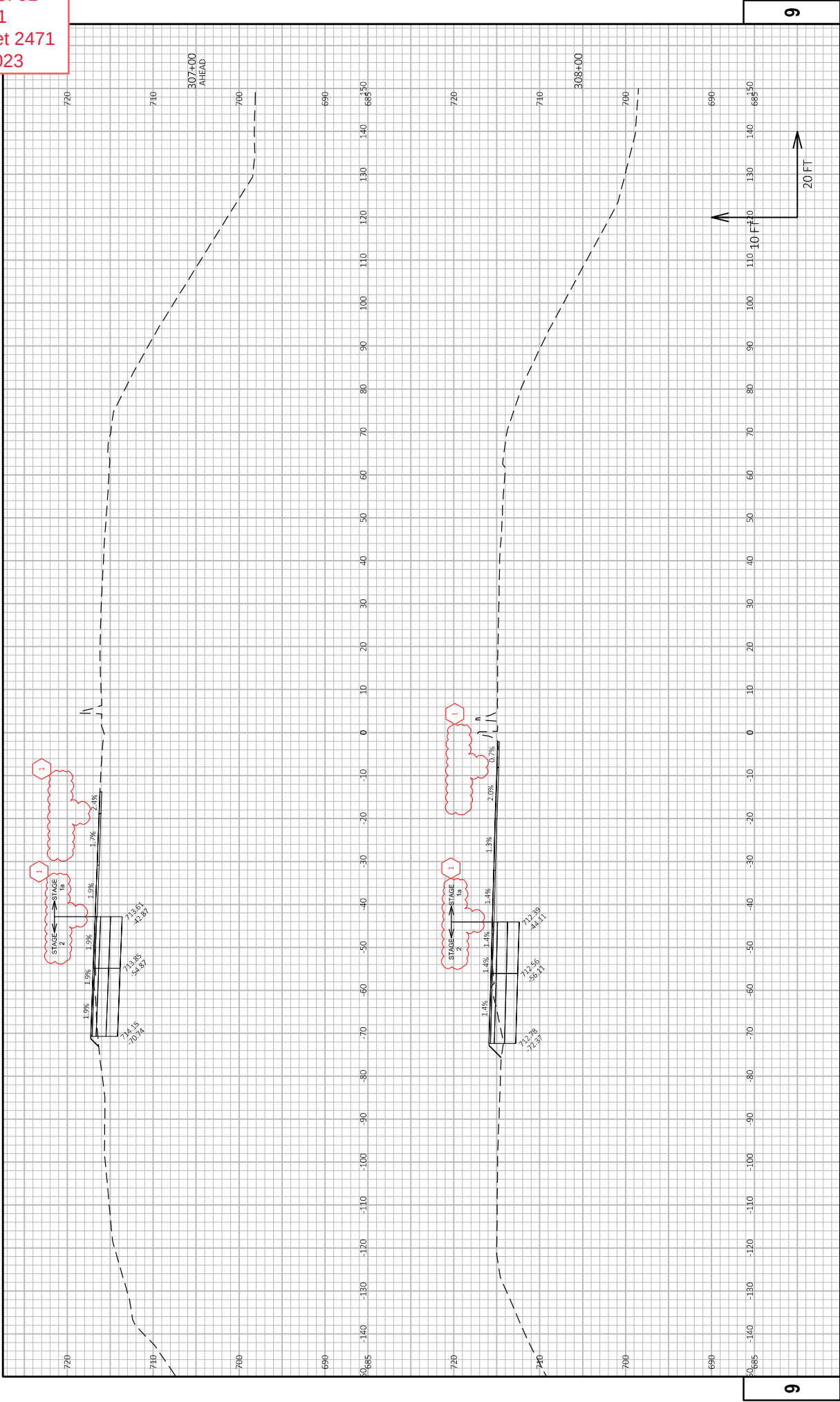




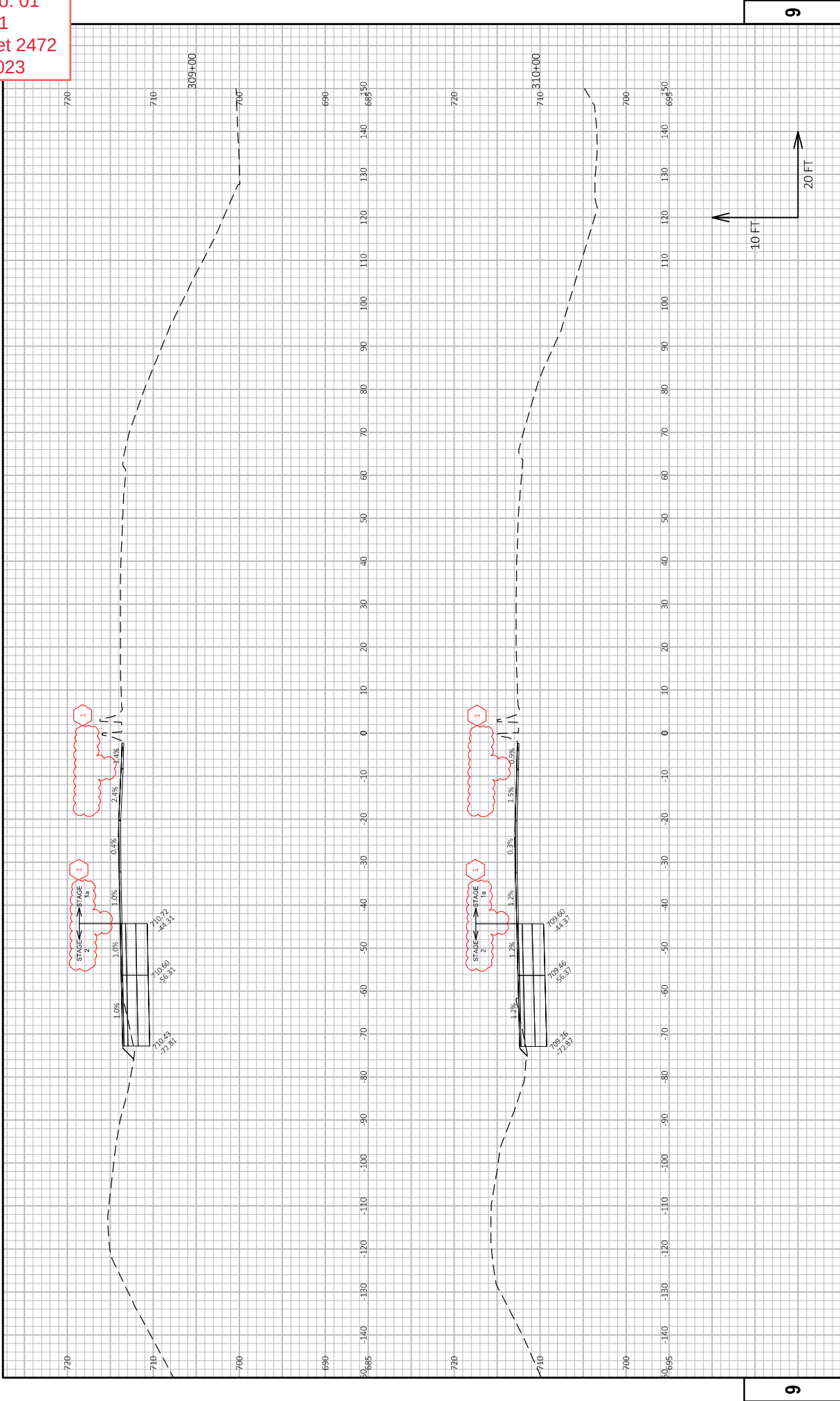


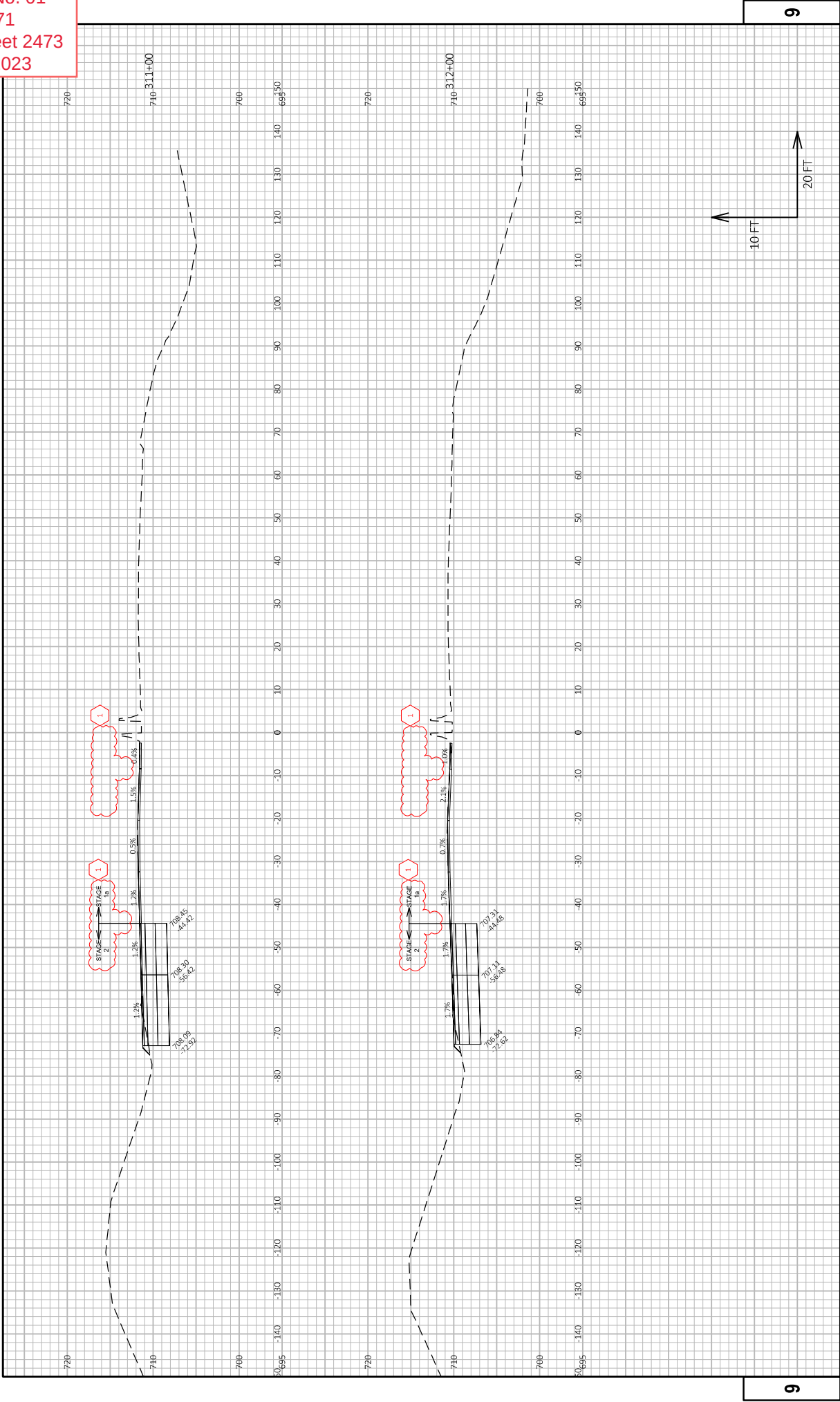


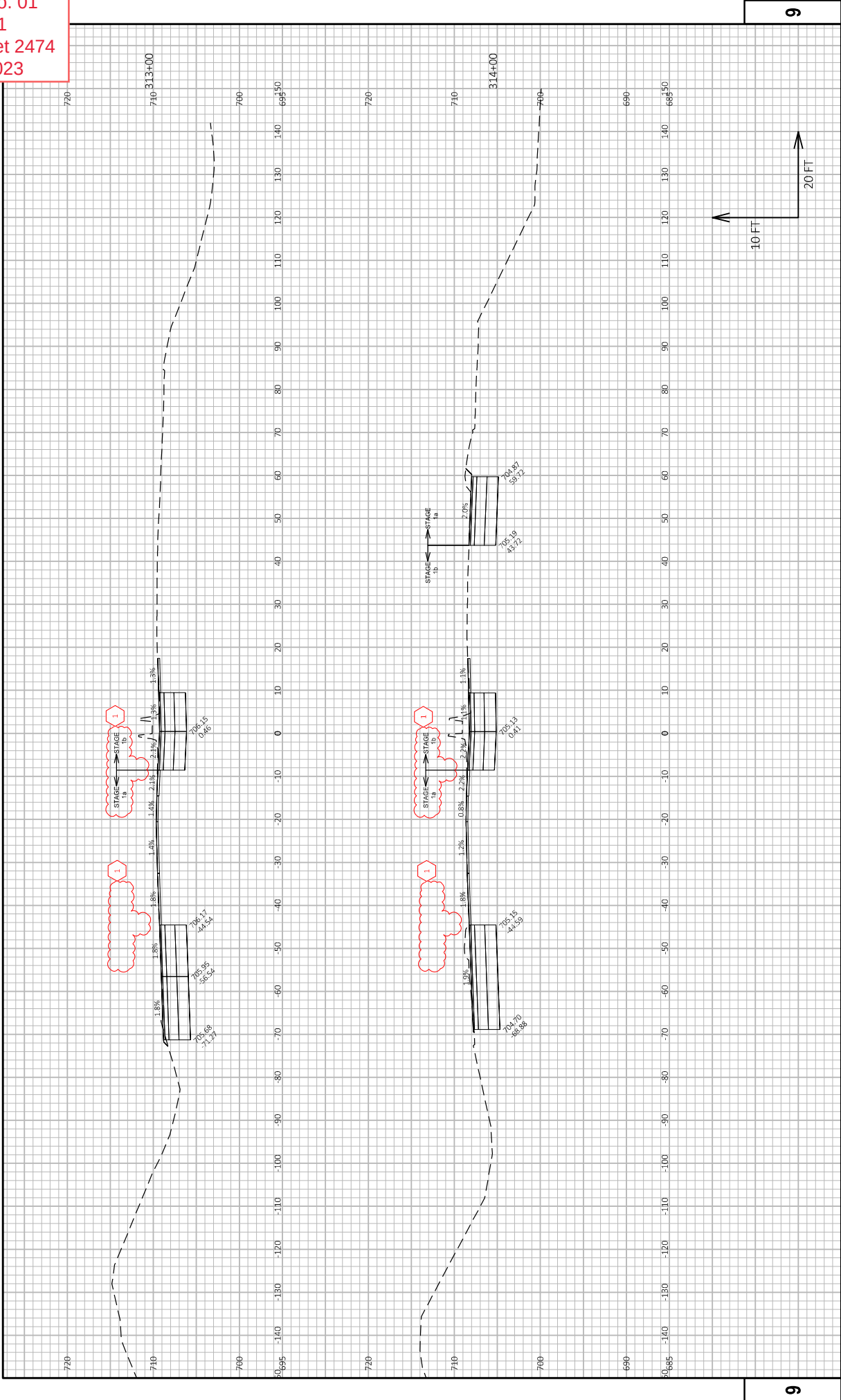


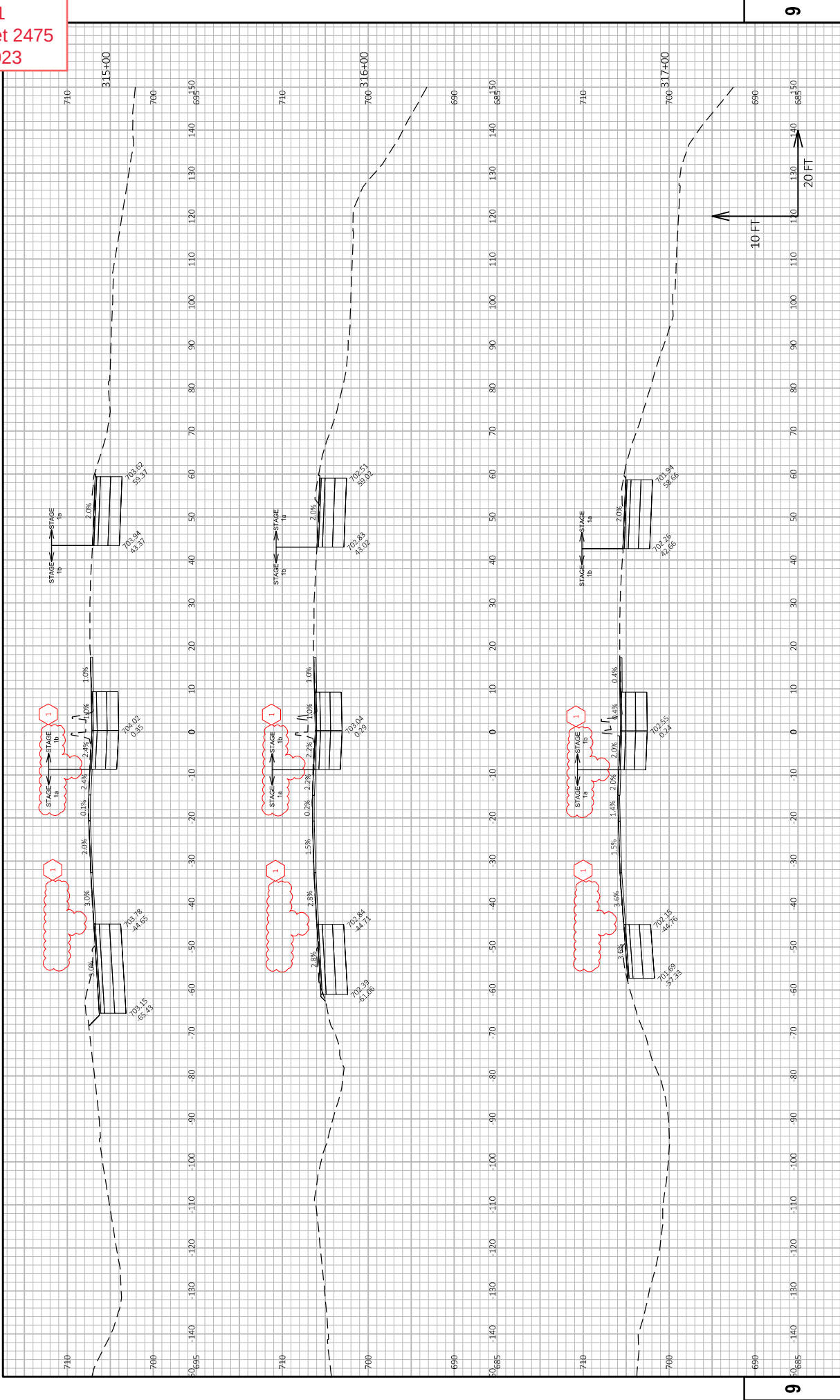


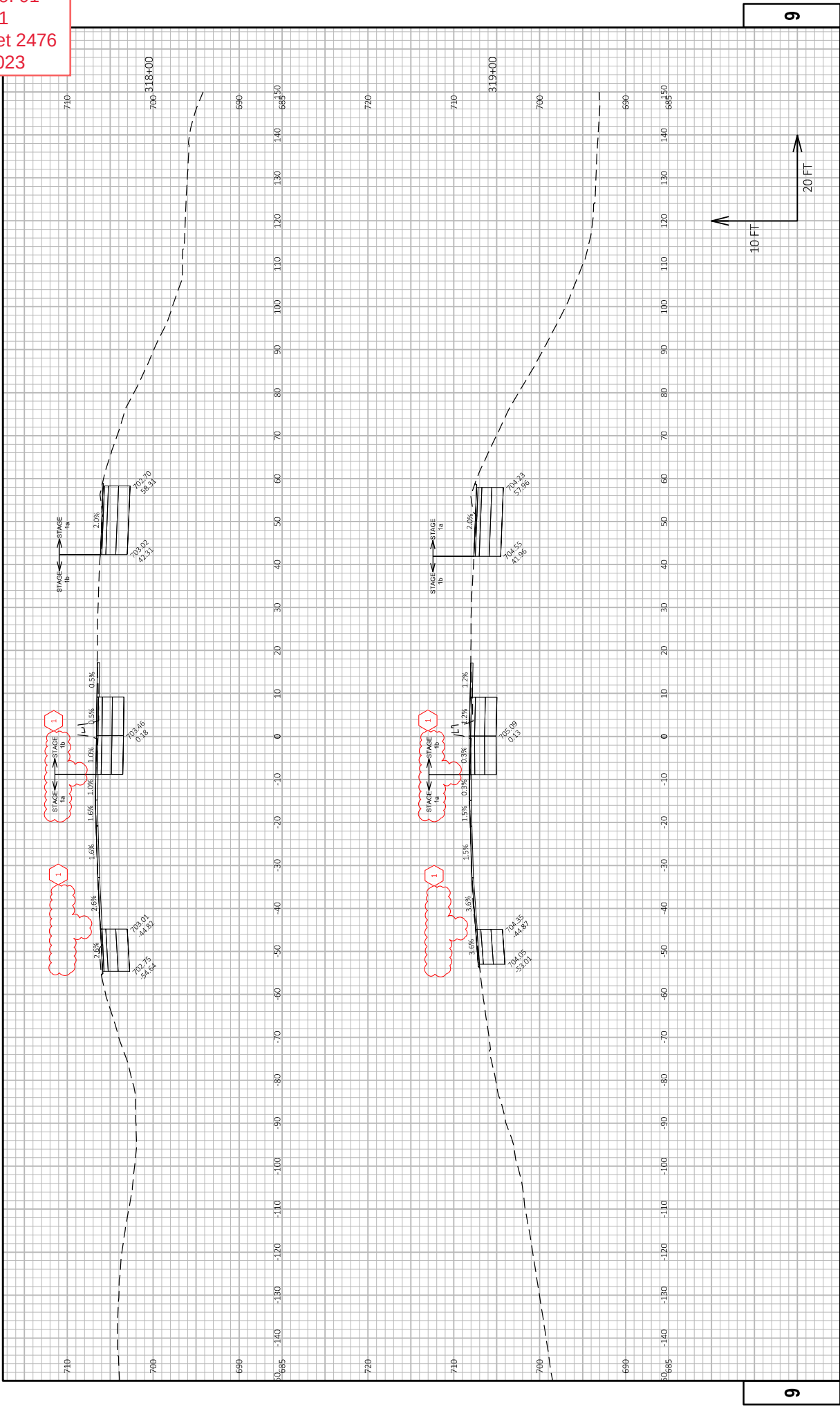
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FILE NAME: C:\USERS\AARON SCHMITT\DC\ACCD05\WISDOT\1060271 SHEETS\09 VS\10602707-090516-KS-TEMP.DWG		LAYOUT NAME: 21		PLOT SCALE: 1 IN.20 FT. HORIZ. / 1 IN.10 FT. VERT.		E	

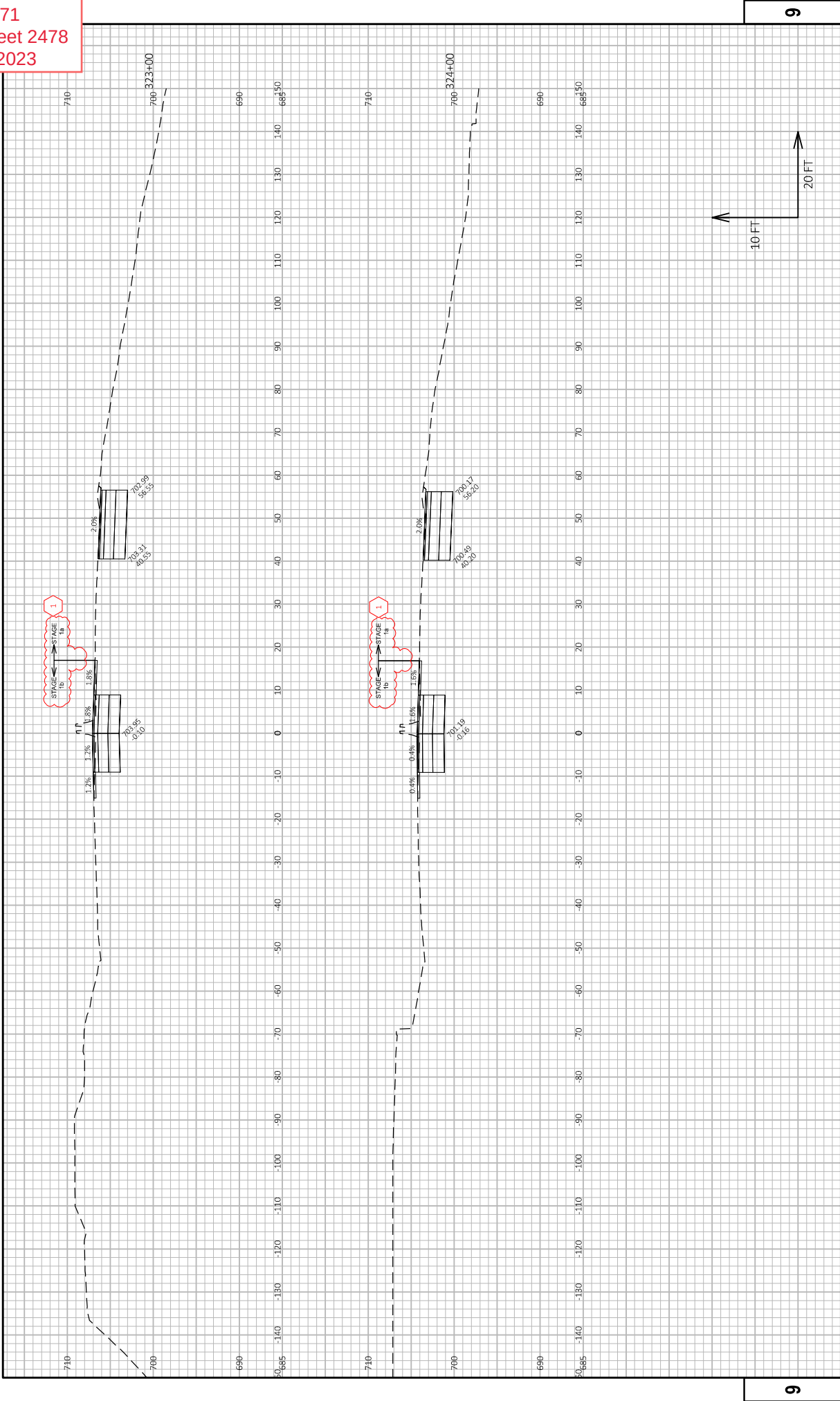






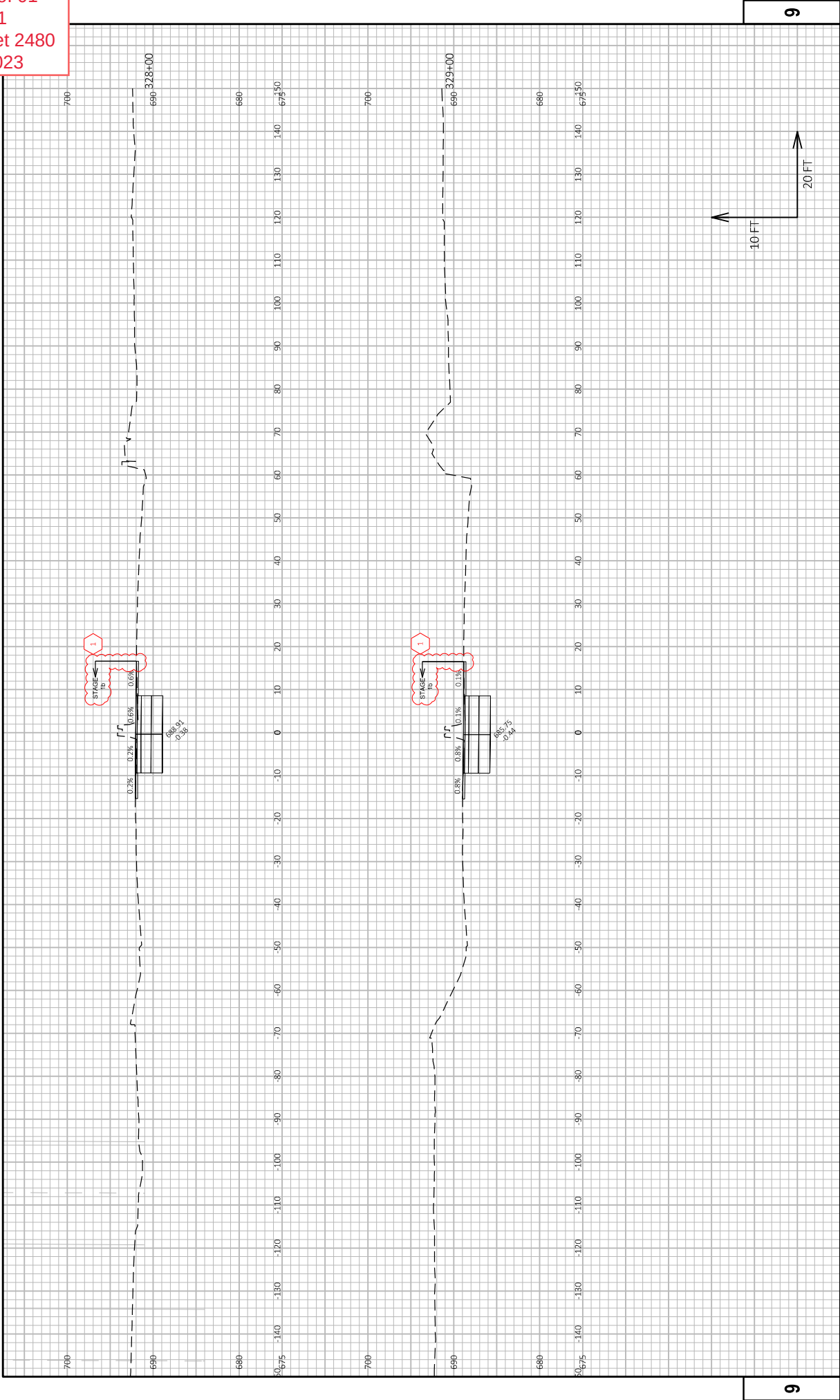




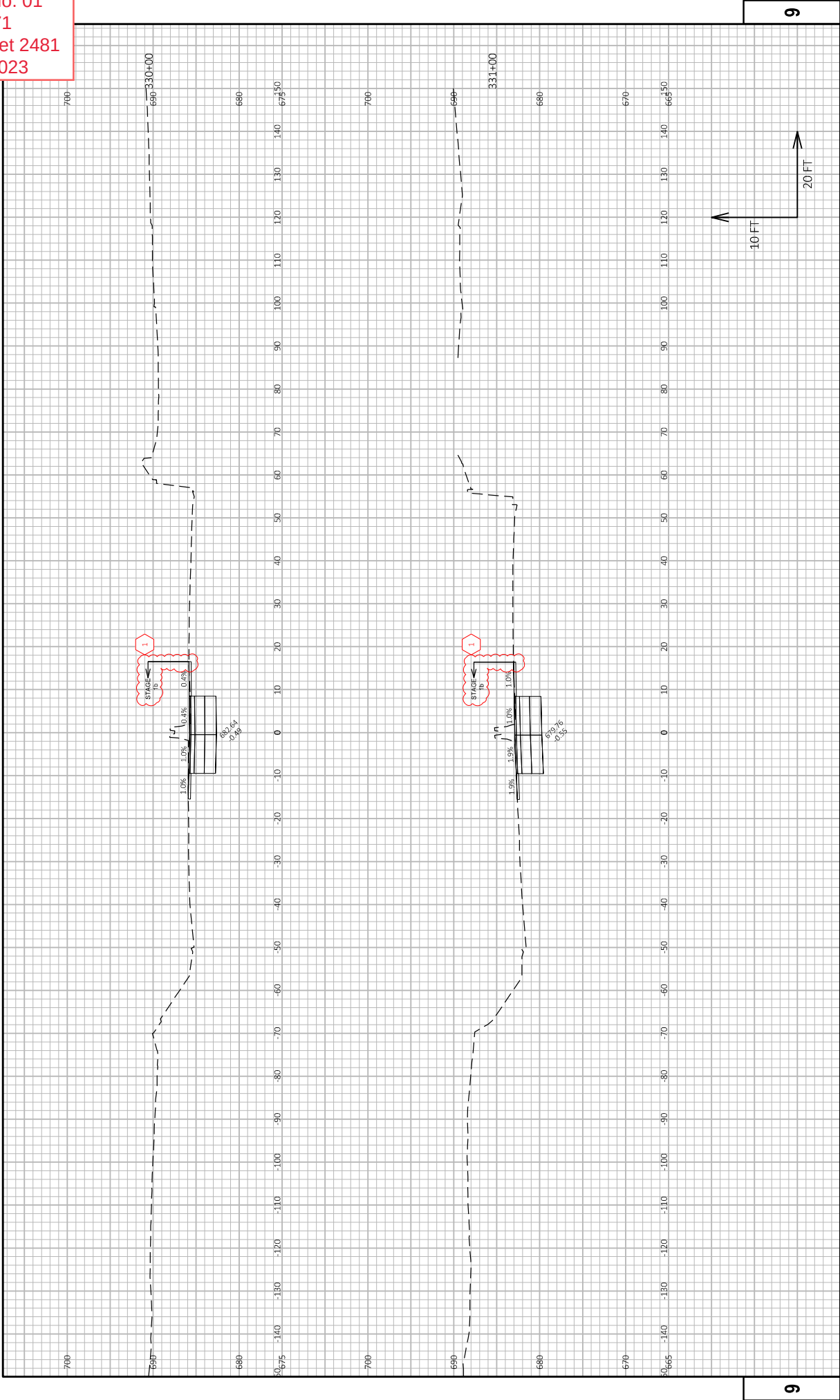




Addendum No. 01
ID 1060-27-71
Revised Sheet 2480
August 25, 2023



Addendum No. 01
ID 1060-27-71
Revised Sheet 2481
August 25, 2023





Proposal Schedule of Items

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Proposal ID: 20250909006 Project(s): 1060-27-71

Federal ID(s): WISC 2025596

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	76.000 STA	_____.	_____.
0004	201.0120 Clearing	558.000 ID	_____.	_____.
0006	201.0205 Grubbing	76.000 STA	_____.	_____.
0008	201.0220 Grubbing	558.000 ID	_____.	_____.
0010	203.0220 Removing Structure (structure) 0081. B-40-81	1.000 EACH	_____.	_____.
0012	203.0220 Removing Structure (structure) 0083. B-40-83	1.000 EACH	_____.	_____.
0014	203.0220 Removing Structure (structure) 0085. B-40-85	1.000 EACH	_____.	_____.
0016	203.0220 Removing Structure (structure) 0087. B-40-87	1.000 EACH	_____.	_____.
0018	203.0220 Removing Structure (structure) 0110. N-40-81	1.000 EACH	_____.	_____.
0020	203.0220 Removing Structure (structure) 0111. N-40-80	1.000 EACH	_____.	_____.
0022	203.0220 Removing Structure (structure) 0801. R-40-0026	1.000 EACH	_____.	_____.
0024	203.0220 Removing Structure (structure) 0802. R-40-0088	1.000 EACH	_____.	_____.
0026	203.0220 Removing Structure (structure) 1034. B-40-87	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 2 of 58

Proposal ID: 20250909006 Project(s): 1060-27-71

Federal ID(s): WISC 2025596

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0028	203.0220 Removing Structure (structure) 1035. B-40-86	1.000 EACH	_____.	_____.
0030	203.0220 Removing Structure (structure) 1036. B-40-85	1.000 EACH	_____.	_____.
0032	203.0220 Removing Structure (structure) 1037. B-40-84	1.000 EACH	_____.	_____.
0034	203.0220 Removing Structure (structure) 1038. B-40-83	1.000 EACH	_____.	_____.
0036	203.0220 Removing Structure (structure) 1039. B-40-82	1.000 EACH	_____.	_____.
0038	203.0220 Removing Structure (structure) 1040. B-40-81	1.000 EACH	_____.	_____.
0040	203.0220 Removing Structure (structure) 1041. B-40-81	1.000 EACH	_____.	_____.
0042	203.0330 Debris Containment (structure) 0087. B-40-87	1.000 EACH	_____.	_____.
0044	203.0330 Debris Containment (structure) 1034. B-40-87	1.000 EACH	_____.	_____.
0046	203.0330 Debris Containment (structure) 1035. B-40-86	1.000 EACH	_____.	_____.
0048	204.0100 Removing Concrete Pavement	130,599.000 SY	_____.	_____.
0050	204.0120 Removing Asphaltic Surface Milling	51,442.000 SY	_____.	_____.
0052	204.0150 Removing Curb & Gutter	1,833.000 LF	_____.	_____.



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0054	204.0155 Removing Concrete Sidewalk	5,564.000 SY	_____.	_____.
0056	204.0157 Removing Concrete Barrier	15,273.000 LF	_____.	_____.
0058	204.0165 Removing Guardrail	5,003.000 LF	_____.	_____.
0060	204.0170 Removing Fence	8,805.000 LF	_____.	_____.
0062	204.0195 Removing Concrete Bases	177.000 EACH	_____.	_____.
0064	204.0210 Removing Manholes	75.000 EACH	_____.	_____.
0066	204.0220 Removing Inlets	245.000 EACH	_____.	_____.
0068	204.0245 Removing Storm Sewer (size) 0001. 12-Inch	9,609.000 LF	_____.	_____.
0070	204.0245 Removing Storm Sewer (size) 0002. 15-Inch	2,021.000 LF	_____.	_____.
0072	204.0245 Removing Storm Sewer (size) 0003. 18-Inch	1,244.000 LF	_____.	_____.
0074	204.0245 Removing Storm Sewer (size) 0004. 21-Inch	701.000 LF	_____.	_____.
0076	204.0245 Removing Storm Sewer (size) 0005. 24-Inch	314.000 LF	_____.	_____.
0078	204.0245 Removing Storm Sewer (size) 0006. 36-Inch	806.000 LF	_____.	_____.
0080	204.0245 Removing Storm Sewer (size) 0007. 54-Inch	23.000 LF	_____.	_____.



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0082	204.0246 Removing Ancillary Structure (structure) 4001. S-40-002	1.000 EACH	_____.	_____.
0084	204.0246 Removing Ancillary Structure (structure) 4002. S-40-443	1.000 EACH	_____.	_____.
0086	204.0246 Removing Ancillary Structure (structure) 4003. S-40-151	1.000 EACH	_____.	_____.
0088	204.0246 Removing Ancillary Structure (structure) 4004. S-40-444	1.000 EACH	_____.	_____.
0090	204.0246 Removing Ancillary Structure (structure) 4005. S-40-994	1.000 EACH	_____.	_____.
0092	204.0246 Removing Ancillary Structure (structure) 4006. S-40-313	1.000 EACH	_____.	_____.
0094	204.0250 Abandoning Manholes	1.000 EACH	_____.	_____.
0096	204.0280 Sealing Pipes	12.000 EACH	_____.	_____.
0098	204.0291.S Abandoning Sewer	71.820 CY	_____.	_____.
0100	204.9001.S Removing Advance Flasher Assemblies Type 1	6.000 EACH	_____.	_____.
0102	204.9060.S Removing (item description) 0001. Steps Railing	15.000 EACH	_____.	_____.
0104	204.9060.S Removing (item description) 0002. Sand Barrel Arrays	1.000 EACH	_____.	_____.
0106	204.9060.S Removing (item description) 1001. Distribution Center	2.000 EACH	_____.	_____.



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0108	204.9060.S Removing (item description) 1002. Lighting Units	118.000 EACH	_____.	_____.
0110	204.9060.S Removing (item description) 1003. Poles Wood 60-FT	10.000 EACH	_____.	_____.
0112	204.9060.S Removing (item description) 1004. Poles Wood 60-FT and Floodlights	54.000 EACH	_____.	_____.
0114	204.9060.S Removing (item description) 1005. Underdeck Lighting	35.000 EACH	_____.	_____.
0116	204.9060.S Removing (item description) 3001. Traffic Signals W. O'Connor St & 70th St	1.000 EACH	_____.	_____.
0118	204.9060.S Removing (item description) 3002. Traffic Signals W Kearney St & S 70th St	1.000 EACH	_____.	_____.
0120	204.9060.S Removing (item description) 3003. Traffic Signals W O'Connor St & S 68th St	1.000 EACH	_____.	_____.
0122	204.9060.S Removing (item description) 3004. Traffic Signals W Kearney St & S 68th St	1.000 EACH	_____.	_____.
0124	204.9060.S Removing (item description) 3005. Traffic Signals IH 94 Ramps & S Hawley Rd	1.000 EACH	_____.	_____.
0126	205.0100 Excavation Common	193,570.000 CY	_____.	_____.
0128	205.0508.S Excavation, Hauling, and Disposal of Potential Creosote Contaminated Soil 0001. Onsite Fill	1,468.000 TON	_____.	_____.
0130	205.0508.S Excavation, Hauling, and Disposal of Potential Creosote Contaminated Soil 0002. Daily Cover	2,438.000 TON	_____.	_____.



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0132	205.0508.S Excavation, Hauling, and Disposal of Potential Creosote Contaminated Soil 0003. Direct Bury	987.000 TON	_____.	_____.
0134	206.1001 Excavation for Structures Bridges (structure) 1034. B-40-1034	1.000 EACH	_____.	_____.
0136	206.1001 Excavation for Structures Bridges (structure) 1035. B-40-1035	1.000 EACH	_____.	_____.
0138	206.1001 Excavation for Structures Bridges (structure) 1040. B-40-1040	1.000 EACH	_____.	_____.
0140	206.1001 Excavation for Structures Bridges (structure) 1041. B-40-1041	1.000 EACH	_____.	_____.
0142	206.3001 Excavation for Structures Retaining Walls (structure) 0735. R-40-735	1.000 EACH	_____.	_____.
0144	206.3001 Excavation for Structures Retaining Walls (structure) 0738. R-40-738	1.000 EACH	_____.	_____.
0146	206.3001 Excavation for Structures Retaining Walls (structure) 0743. R-40-743	1.000 EACH	_____.	_____.
0148	206.3001 Excavation for Structures Retaining Walls (structure) 0801. R-40-801	1.000 EACH	_____.	_____.
0150	209.0200.S Backfill Controlled Low Strength	500.000 CY	_____.	_____.
0152	210.1500 Backfill Structure Type A	11,164.000 TON	_____.	_____.
0154	213.0100 Finishing Roadway (project) 0001. 1060-27-71	1.000 EACH	_____.	_____.
0156	305.0120 Base Aggregate Dense 1 1/4-Inch	72,563.000 TON	_____.	_____.



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0158	310.0110 Base Aggregate Open-Graded	2,229.000 TON	_____.	_____.
0160	312.0110 Select Crushed Material	158,676.000 TON	_____.	_____.
0162	312.0115 Select Crushed Material	305.000 CY	_____.	_____.
0164	390.0100 Removing Pavement for Base Patching	150.000 CY	_____.	_____.
0166	390.0405 Base Patching Concrete SHES	150.000 CY	_____.	_____.
0168	405.0200 Coloring Concrete Custom	528.000 CY	_____.	_____.
0170	415.0070 Concrete Pavement 7-Inch	535.000 SY	_____.	_____.
0172	415.0410 Concrete Pavement Approach Slab	2,408.000 SY	_____.	_____.
0174	415.4100 Concrete Pavement Joint Filling	27,506.000 SY	_____.	_____.
0176	416.0610 Drilled Tie Bars	736.000 EACH	_____.	_____.
0178	416.0620 Drilled Dowel Bars	573.000 EACH	_____.	_____.
0180	416.1715 Concrete Pavement Repair SHES	100.000 SY	_____.	_____.
0182	450.1100.S Asphaltic Mixture For Extreme Conditions	125.000 TON	_____.	_____.
0184	455.0605 Tack Coat	8,115.000 GAL	_____.	_____.
0186	460.2000 Incentive Density HMA Pavement	2,750.000 DOL	1.00000	2,750.00
0188	460.6223 HMA Pavement 3 MT 58-28 S	300.000 TON	_____.	_____.



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0190	460.7223 HMA Pavement 3 HT 58-28 S	2,627.000 TON	_____.	_____.
0192	460.7224 HMA Pavement 4 HT 58-28 S	188.000 TON	_____.	_____.
0194	460.7424 HMA Pavement 4 HT 58-28 H	5,814.000 TON	_____.	_____.
0196	465.0105 Asphaltic Surface	19.000 TON	_____.	_____.
0198	465.0120 Asphaltic Surface Driveways and Field Entrances	29.000 TON	_____.	_____.
0200	465.0125 Asphaltic Surface Temporary	13,780.000 TON	_____.	_____.
0202	495.1000.S Cold Patch	100.000 TON	_____.	_____.
0204	501.1000.S Ice Hot Weather Concreting	142,460.000 LB	_____.	_____.
0206	502.0100 Concrete Masonry Bridges	1,839.000 CY	_____.	_____.
0208	502.0110.S Concrete Masonry Soldier Pile Footings	325.000 CY	_____.	_____.
0210	502.3200 Protective Surface Treatment	11,897.000 SY	_____.	_____.
0212	502.3210 Pigmented Surface Sealer	4,125.000 SY	_____.	_____.
0214	502.4205 Adhesive Anchors No. 5 Bar	64.000 EACH	_____.	_____.
0216	503.0137 Prestressed Girder Type I 36W-Inch	7,398.000 LF	_____.	_____.
0218	504.0500 Concrete Masonry Retaining Walls	5,502.000 CY	_____.	_____.
0220	505.0400 Bar Steel Reinforcement HS Structures	105,710.000 LB	_____.	_____.



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0222	505.0600 Bar Steel Reinforcement HS Coated Structures	1,418,960.000 LB	_____.	_____.
0224	505.0800.S Bar Steel Reinforcement HS Stainless Structures	21,760.000 LB	_____.	_____.
0226	505.0905 Bar Couplers No. 5	42.000 EACH	_____.	_____.
0228	505.0908 Bar Couplers No. 8	180.000 EACH	_____.	_____.
0230	506.0605 Structural Steel HS	125,050.000 LB	_____.	_____.
0232	506.2605 Bearing Pads Elastomeric Non-Laminated	188.000 EACH	_____.	_____.
0234	506.3003 Welded Stud Shear Connectors 5/8x4-Inch	2,974.000 EACH	_____.	_____.
0236	506.3015 Welded Stud Shear Connectors 7/8x6-Inch	670.000 EACH	_____.	_____.
0238	506.4000 Steel Diaphragms (structure) 1034. B-40-1034	24.000 EACH	_____.	_____.
0240	506.4000 Steel Diaphragms (structure) 1035. B-40-1035	24.000 EACH	_____.	_____.
0242	506.4000 Steel Diaphragms (structure) 1036. B-40-1036	20.000 EACH	_____.	_____.
0244	506.4000 Steel Diaphragms (structure) 1037. B-40-1037	20.000 EACH	_____.	_____.
0246	506.4000 Steel Diaphragms (structure) 1038. B-40-1038	8.000 EACH	_____.	_____.



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0248	506.4000 Steel Diaphragms (structure) 1039. B-40-1039	8.000 EACH	_____.	_____.
0250	506.4000 Steel Diaphragms (structure) 1040. B-40-1040	12.000 EACH	_____.	_____.
0252	506.4000 Steel Diaphragms (structure) 1041. B-40-1041	12.000 EACH	_____.	_____.
0254	509.0310.S Sawing Pavement Deck Preparation Areas	314.000 LF	_____.	_____.
0256	509.0500 Cleaning Decks	557.000 SY	_____.	_____.
0258	511.1100 Temporary Shoring	11,213.000 SF	_____.	_____.
0260	511.1200 Temporary Shoring (structure) 0735. R-40-735	1,530.000 SF	_____.	_____.
0262	511.1200 Temporary Shoring (structure) 0741. R-40-741	816.000 SF	_____.	_____.
0264	511.1200 Temporary Shoring (structure) 0742. R-40-742	530.000 SF	_____.	_____.
0266	511.1200 Temporary Shoring (structure) 0743. R-40-743	250.000 SF	_____.	_____.
0268	511.1200 Temporary Shoring (structure) 0762. R-40-762	933.000 SF	_____.	_____.
0270	511.1200 Temporary Shoring (structure) 0801. R-40-801	575.000 SF	_____.	_____.
0272	511.1200 Temporary Shoring (structure) 1035. B-40-1035	2,800.000 SF	_____.	_____.



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0274	511.1200 Temporary Shoring (structure) 1037. B-40-1037	1,100.000 SF	_____.	_____.
0276	511.1200 Temporary Shoring (structure) 1039. B-40-1039	3,250.000 SF	_____.	_____.
0278	511.1300 Temporary Shoring (location) 0500. 292+05 to 300+00	21,280.000 SF	_____.	_____.
0280	511.1300 Temporary Shoring (location) 0501. 317+50 to 320+00	900.000 SF	_____.	_____.
0282	511.1300 Temporary Shoring (location) 0502. 294+00 to 301+50	6,330.000 SF	_____.	_____.
0284	512.0500 Piling Steel Sheet Permanent Delivered	19,020.000 SF	_____.	_____.
0286	513.2001 Railing Pipe	836.000 LF	_____.	_____.
0288	516.0500 Rubberized Membrane Waterproofing	546.000 SY	_____.	_____.
0290	517.0601 Painting Epoxy System (structure) 0738. R-40-738	1.000 EACH	_____.	_____.
0292	517.0601 Painting Epoxy System (structure) 0801. R-40-801	1.000 EACH	_____.	_____.
0294	517.1010.S Concrete Staining (structure) 0734. R-40-734	11,415.000 SF	_____.	_____.
0296	517.1010.S Concrete Staining (structure) 0735. R-40-735	5,258.000 SF	_____.	_____.
0298	517.1010.S Concrete Staining (structure) 0736. R-40-736	21,280.000 SF	_____.	_____.



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0300	517.1010.S Concrete Staining (structure) 0737. R-40-737	6,432.000 SF	_____.	_____.
0302	517.1010.S Concrete Staining (structure) 0739. R-40-739	10,862.000 SF	_____.	_____.
0304	517.1010.S Concrete Staining (structure) 0740. R-40-740	4,496.000 SF	_____.	_____.
0306	517.1010.S Concrete Staining (structure) 0744. R-40-744	2,557.000 SF	_____.	_____.
0308	517.1010.S Concrete Staining (structure) 1036. B-40-1036	149.000 SF	_____.	_____.
0310	517.1010.S Concrete Staining (structure) 1037. B-40-1037	284.000 SF	_____.	_____.
0312	517.1010.S Concrete Staining (structure) 1039. B-40-1039	282.000 SF	_____.	_____.
0314	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	1.000 EACH	_____.	_____.
0316	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	1.000 EACH	_____.	_____.
0318	531.1100 Concrete Masonry Ancillary Structures Type NS	84.200 CY	_____.	_____.
0320	531.1140 Steel Reinforcement HS Ancillary Structures Type NS	3,710.000 LB	_____.	_____.
0322	531.1160 Steel Reinforcement HS Coated Ancillary Structures Type NS	13,520.000 LB	_____.	_____.
0324	531.2024 Drilling Shaft 24-Inch	60.000 LF	_____.	_____.



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0326	531.2030 Drilling Shaft 30-Inch	116.000 LF	_____.	_____.
0328	531.2036 Drilling Shaft 36-Inch	250.000 LF	_____.	_____.
0330	531.2042 Drilling Shaft 42-Inch	529.000 LF	_____.	_____.
0332	531.4050 Foundation Camera Pole 50-FT	2.000 EACH	_____.	_____.
0334	531.5140 Foundation Single-Shaft Type MC-IV (structure) 3115. S-40-3115	1.000 EACH	_____.	_____.
0336	531.5220 Foundation Single-Shaft Type MF-II (structure) 3111. S-40-3111	2.000 EACH	_____.	_____.
0338	531.5220 Foundation Single-Shaft Type MF-II (structure) 3114. S-40-3114	2.000 EACH	_____.	_____.
0340	531.5220 Foundation Single-Shaft Type MF-II (structure) 3120. S-40-3120	2.000 EACH	_____.	_____.
0342	531.5410 Foundation Single-Shaft Type TF-I (structure) 3112. S-40-3112	2.000 EACH	_____.	_____.
0344	531.6010 Foundation Two-Shaft Type FC-I (structure) 3118. S-40-3118	1.000 EACH	_____.	_____.
0346	531.6010 Foundation Two-Shaft Type FC-I (structure) 3176. S-40-3176	1.000 EACH	_____.	_____.
0348	531.6020 Foundation Two-Shaft Type FC-II (structure) 3117. S-40-3117	1.000 EACH	_____.	_____.
0350	531.6020 Foundation Two-Shaft Type FC-II (structure) 3121. S-40-3121	1.000 EACH	_____.	_____.



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0352	531.6120 Foundation Two-Shaft Type FF-II (structure) 0467. S-40-467	1.000 EACH	_____.	_____.
0354	531.6130 Foundation Two-Shaft Type FF-III (structure) 0466. S-40-466	2.000 EACH	_____.	_____.
0356	531.6130 Foundation Two-Shaft Type FF-III (structure) 0467. S-40-467	1.000 EACH	_____.	_____.
0358	531.6130 Foundation Two-Shaft Type FF-III (structure) 3113. S-40-3113	2.000 EACH	_____.	_____.
0360	531.6130 Foundation Two-Shaft Type FF-III (structure) 3116. S-40-3116	2.000 EACH	_____.	_____.
0362	531.6130 Foundation Two-Shaft Type FF-III (structure) 3122. S-40-3122	2.000 EACH	_____.	_____.
0364	531.6140 Foundation Two-Shaft Type FF-IV (structure) 0468. S-40-468	2.000 EACH	_____.	_____.
0366	532.5020 Butterfly 2-Chord NS (structure) 3123. S-40-3123	1.000 EACH	_____.	_____.
0368	532.5140 Monotube Cantilever Type IV (structure) 3115. S-40-3115	1.000 EACH	_____.	_____.
0370	532.5220 Monotube Full Span Type II (structure) 3111. S-40-3111	1.000 EACH	_____.	_____.
0372	532.5220 Monotube Full Span Type II (structure) 3114. S-40-3114	1.000 EACH	_____.	_____.
0374	532.5220 Monotube Full Span Type II (structure) 3120. S-40-3120	1.000 EACH	_____.	_____.
0376	532.5410 Truss Full Span 2-Chord Type I (structure) 3112. S-40-3112	1.000 EACH	_____.	_____.



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0378	532.6010 Truss Cantilever 4-Chord Type I (structure) 3118. S-40-3118	1.000 EACH	_____.	_____.
0380	532.6010 Truss Cantilever 4-Chord Type I (structure) 3119. S-40-3119	1.000 EACH	_____.	_____.
0382	532.6010 Truss Cantilever 4-Chord Type I (structure) 3176. S-40-3176	1.000 EACH	_____.	_____.
0384	532.6020 Truss Cantilever 4-Chord Type II (structure) 3117. S-40-3117	1.000 EACH	_____.	_____.
0386	532.6020 Truss Cantilever 4-Chord Type II (structure) 3121. S-40-3121	1.000 EACH	_____.	_____.
0388	532.6100 Truss Full Span 4-Chord Type NS (structure) 0466. S-40-466	1.000 EACH	_____.	_____.
0390	532.6100 Truss Full Span 4-Chord Type NS (structure) 3122. S-40-3122	1.000 EACH	_____.	_____.
0392	532.6120 Truss Full Span 4-Chord Type II (structure) 0467. S-40-467	1.000 EACH	_____.	_____.
0394	532.6130 Truss Full Span 4-Chord Type III (structure) 3113. S-40-3113	1.000 EACH	_____.	_____.
0396	532.6130 Truss Full Span 4-Chord Type III (structure) 3116. S-40-3116	1.000 EACH	_____.	_____.
0398	532.6140 Truss Full Span 4-Chord Type IV (structure) 0468. S-40-468	1.000 EACH	_____.	_____.
0400	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0110. N-40-110	10,210.000 SF	_____.	_____.
0402	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0111. N-40-111	10,930.000 SF	_____.	_____.



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0404	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0112. N-40-112	7,130.000 SF	_____.	_____.
0406	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0113. N-40-113	3,970.000 SF	_____.	_____.
0408	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0114. N-40-114	2,930.000 SF	_____.	_____.
0410	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0115. N-40-115	7,120.000 SF	_____.	_____.
0412	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0116. N-40-116	22,270.000 SF	_____.	_____.
0414	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0117. N-40-117	26,730.000 SF	_____.	_____.
0416	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0118. N-40-118	27,970.000 SF	_____.	_____.
0418	550.0500 Pile Points	333.000 EACH	_____.	_____.
0420	550.1120 Piling Steel HP 12-Inch X 53 Lb	9,135.000 LF	_____.	_____.
0422	550.1140 Piling Steel HP 14-Inch X 73 Lb	3,750.000 LF	_____.	_____.
0424	550.2128 Piling CIP Concrete 12 3/4 X 0.50-Inch	14,846.000 LF	_____.	_____.
0426	601.0319 Concrete Curb & Gutter 19-Inch	251.000 LF	_____.	_____.
0428	601.0322 Concrete Curb & Gutter 22-Inch	119.000 LF	_____.	_____.
0430	601.0331 Concrete Curb & Gutter 31-Inch	14,444.000 LF	_____.	_____.



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0432	601.0411 Concrete Curb & Gutter 30-Inch Type D	644.000 LF	_____.	_____.
0434	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	3,310.000 LF	_____.	_____.
0436	601.0600 Concrete Curb Pedestrian	435.000 LF	_____.	_____.
0438	602.0410 Concrete Sidewalk 5-Inch	101,391.000 SF	_____.	_____.
0440	602.0515 Curb Ramp Detectable Warning Field Natural Patina	827.000 SF	_____.	_____.
0442	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	101.000 SF	_____.	_____.
0444	602.0815 Concrete Driveway 7-Inch	319.000 SY	_____.	_____.
0446	602.0865 Concrete Driveway HES 7-Inch	251.000 SY	_____.	_____.
0448	602.1500 Concrete Steps	115.000 SF	_____.	_____.
0450	603.1442 Concrete Barrier Type S42C	1,076.000 LF	_____.	_____.
0452	603.1456 Concrete Barrier Type S56C	1,254.000 LF	_____.	_____.
0454	603.3513 Concrete Barrier Transition Type S32 to S36	1.000 EACH	_____.	_____.
0456	603.3535 Concrete Barrier Transition Type S36 to S42	1.000 EACH	_____.	_____.
0458	603.3559 Concrete Barrier Transition Type S42 to S56	4.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0460	603.8000 Concrete Barrier Temporary Precast Delivered	67,344.000 LF	_____.	_____.
0462	603.8125 Concrete Barrier Temporary Precast Installed	103,652.000 LF	_____.	_____.
0464	603.8500 Anchoring Concrete Barrier Temporary Precast	1,632.000 LF	_____.	_____.
0466	604.0400 Slope Paving Concrete	477.000 SY	_____.	_____.
0468	606.0100 Riprap Light	154.000 CY	_____.	_____.
0470	606.0300 Riprap Heavy	26.000 CY	_____.	_____.
0472	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	1,602.000 LF	_____.	_____.
0474	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	1,011.000 LF	_____.	_____.
0476	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	6,896.000 LF	_____.	_____.
0478	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	4,881.000 LF	_____.	_____.
0480	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	529.000 LF	_____.	_____.
0482	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	678.000 LF	_____.	_____.
0484	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	475.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0486	608.0348 Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	460.000 LF	_____.	_____.
0488	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	790.000 LF	_____.	_____.
0490	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	39.000 LF	_____.	_____.
0492	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	791.000 LF	_____.	_____.
0494	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	1,774.000 LF	_____.	_____.
0496	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	804.000 LF	_____.	_____.
0498	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	92.000 LF	_____.	_____.
0500	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	74.000 LF	_____.	_____.
0502	608.0454 Storm Sewer Pipe Reinforced Concrete Class IV 54-Inch	104.000 LF	_____.	_____.
0504	608.0518 Storm Sewer Pipe Reinforced Concrete Class V 18-Inch	44.000 LF	_____.	_____.
0506	608.0524 Storm Sewer Pipe Reinforced Concrete Class V 24-Inch	89.000 LF	_____.	_____.
0508	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	396.000 LF	_____.	_____.



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0510	608.2434 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch	379.000 LF	_____.	_____.
0512	611.0420 Reconstructing Manholes	11.000 EACH	_____.	_____.
0514	611.0430 Reconstructing Inlets	31.000 EACH	_____.	_____.
0516	611.0530 Manhole Covers Type J	11.000 EACH	_____.	_____.
0518	611.0535 Manhole Covers Type J-Special	28.000 EACH	_____.	_____.
0520	611.0557 Manhole Covers Type Q-Communications	2.000 EACH	_____.	_____.
0522	611.0610 Inlet Covers Type BW	77.000 EACH	_____.	_____.
0524	611.0615 Inlet Covers Type F	3.000 EACH	_____.	_____.
0526	611.0627 Inlet Covers Type HM	4.000 EACH	_____.	_____.
0528	611.0642 Inlet Covers Type MS	14.000 EACH	_____.	_____.
0530	611.0655 Inlet Covers Type V-B	58.000 EACH	_____.	_____.
0532	611.0656 Inlet Covers Type VV-B	54.000 EACH	_____.	_____.
0534	611.0657 Inlet Covers Type W	25.000 EACH	_____.	_____.
0536	611.0666 Inlet Covers Type Z	2.000 EACH	_____.	_____.
0538	611.1003 Catch Basins 3-FT Diameter	9.000 EACH	_____.	_____.



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0540	611.1004 Catch Basins 4-FT Diameter	78.000 EACH	_____.	_____.
0542	611.1005 Catch Basins 5-FT Diameter	5.000 EACH	_____.	_____.
0544	611.2004 Manholes 4-FT Diameter	51.000 EACH	_____.	_____.
0546	611.2005 Manholes 5-FT Diameter	99.000 EACH	_____.	_____.
0548	611.2006 Manholes 6-FT Diameter	25.000 EACH	_____.	_____.
0550	611.2007 Manholes 7-FT Diameter	8.000 EACH	_____.	_____.
0552	611.2008 Manholes 8-FT Diameter	4.000 EACH	_____.	_____.
0554	611.2009 Manholes 9-FT Diameter	2.000 EACH	_____.	_____.
0556	611.2104 Manholes Communication 4-FT Diameter	2.000 EACH	_____.	_____.
0558	611.3003 Inlets 3-FT Diameter	4.000 EACH	_____.	_____.
0560	611.3004 Inlets 4-FT Diameter	119.000 EACH	_____.	_____.
0562	611.3225 Inlets 2x2.5-FT	23.000 EACH	_____.	_____.
0564	611.3253 Inlets 2.5x3-FT	3.000 EACH	_____.	_____.
0566	611.3901 Inlets Median 1 Grate	10.000 EACH	_____.	_____.
0568	611.3902 Inlets Median 2 Grate	2.000 EACH	_____.	_____.
0570	611.8110 Adjusting Manhole Covers	6.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0572	611.8115 Adjusting Inlet Covers	45.000 EACH	_____.	_____.
0574	611.8120.S Cover Plates Temporary	77.000 EACH	_____.	_____.
0576	611.9850.S Pipe Grates (size) 0001. 18-Inch	1.000 EACH	_____.	_____.
0578	612.0106 Pipe Underdrain 6-Inch	60.000 LF	_____.	_____.
0580	612.0206 Pipe Underdrain Unperforated 6-Inch	608.000 LF	_____.	_____.
0582	612.0406 Pipe Underdrain Wrapped 6-Inch	7,375.000 LF	_____.	_____.
0584	614.0805 Crash Cushions Permanent Low Maintenance	3.000 EACH	_____.	_____.
0586	614.0905 Crash Cushions Temporary	30.000 EACH	_____.	_____.
0588	614.2300 MGS Guardrail 3	2,591.000 LF	_____.	_____.
0590	614.2500 MGS Thrie Beam Transition	360.000 LF	_____.	_____.
0592	614.2610 MGS Guardrail Terminal EAT	3.000 EACH	_____.	_____.
0594	614.2620 MGS Guardrail Terminal Type 2	2.000 EACH	_____.	_____.
0596	616.0204 Fence Chain Link 4-FT	84.000 LF	_____.	_____.
0598	616.0206 Fence Chain Link 6-FT	2,896.000 LF	_____.	_____.
0600	616.0329 Gates Chain Link (width) 0001. 12-FT	2.000 EACH	_____.	_____.
0602	616.0329 Gates Chain Link (width) 0002. 30-FT	1.000 EACH	_____.	_____.



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0604	616.0600.S Fence Temporary	535.000 LF	_____.	_____.
0606	616.0700.S Fence Safety	15,000.000 LF	_____.	_____.
0608	619.1000 Mobilization	1.000 EACH	_____.	_____.
0610	620.0300 Concrete Median Sloped Nose	523.000 SF	_____.	_____.
0612	623.0200 Dust Control Surface Treatment	188,200.000 SY	_____.	_____.
0614	624.0100 Water	831.000 MGAL	_____.	_____.
0616	625.0100 Topsoil	61,283.000 SY	_____.	_____.
0618	628.1104 Erosion Bales	100.000 EACH	_____.	_____.
0620	628.1504 Silt Fence	14,394.000 LF	_____.	_____.
0622	628.1520 Silt Fence Maintenance	8,636.000 LF	_____.	_____.
0624	628.1905 Mobilizations Erosion Control	15.000 EACH	_____.	_____.
0626	628.1910 Mobilizations Emergency Erosion Control	8.000 EACH	_____.	_____.
0628	628.2004 Erosion Mat Class I Type B	74,468.000 SY	_____.	_____.
0630	628.2008 Erosion Mat Urban Class I Type B	3,414.000 SY	_____.	_____.
0632	628.6510 Soil Stabilizer Type B	5.000 ACRE	_____.	_____.
0634	628.7005 Inlet Protection Type A	356.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0636	628.7010 Inlet Protection Type B	389.000 EACH	_____.	_____.
0638	628.7015 Inlet Protection Type C	128.000 EACH	_____.	_____.
0640	628.7020 Inlet Protection Type D	116.000 EACH	_____.	_____.
0642	628.7504 Temporary Ditch Checks	450.000 LF	_____.	_____.
0644	628.7555 Culvert Pipe Checks	17.000 EACH	_____.	_____.
0646	628.7560 Tracking Pads	3.000 EACH	_____.	_____.
0648	628.7570 Rock Bags	100.000 EACH	_____.	_____.
0650	629.0210 Fertilizer Type B	47.000 CWT	_____.	_____.
0652	630.0120 Seeding Mixture No. 20	2,154.000 LB	_____.	_____.
0654	630.0130 Seeding Mixture No. 30	113.000 LB	_____.	_____.
0656	630.0175 Seeding Mixture No. 75	42.000 LB	_____.	_____.
0658	630.0200 Seeding Temporary	305.000 LB	_____.	_____.
0660	630.0400 Seeding Nurse Crop	47.000 LB	_____.	_____.
0662	630.0500 Seed Water	1,489.000 MGAL	_____.	_____.
0664	631.0300 Sod Water	264.000 MGAL	_____.	_____.
0666	631.1000 Sod Lawn	9,761.000 SY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0668	633.1000 Delineators Barrier Wall	92.000 EACH	_____.	_____.
0670	634.0618 Posts Wood 4x6-Inch X 18-FT	60.000 EACH	_____.	_____.
0672	634.0622 Posts Wood 4x6-Inch X 22-FT	39.000 EACH	_____.	_____.
0674	634.0808 Posts Tubular Steel 2x2-Inch X 8-FT	4.000 EACH	_____.	_____.
0676	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	35.000 EACH	_____.	_____.
0678	634.0885 Posts Tubular Steel 2x2-Inch X 8.5-FT	4.000 EACH	_____.	_____.
0680	635.0200 Sign Supports Structural Steel HS	4,552.000 LB	_____.	_____.
0682	637.1220 Signs Type I Reflective SH	2,934.000 SF	_____.	_____.
0684	637.1230 Signs Type I Reflective F	376.880 SF	_____.	_____.
0686	637.2210 Signs Type II Reflective H	2,366.320 SF	_____.	_____.
0688	637.2215 Signs Type II Reflective H Folding	135.940 SF	_____.	_____.
0690	637.2230 Signs Type II Reflective F	631.500 SF	_____.	_____.
0692	638.2101 Moving Signs Type I	3.000 EACH	_____.	_____.
0694	638.2102 Moving Signs Type II	21.000 EACH	_____.	_____.
0696	638.2601 Removing Signs Type I	21.000 EACH	_____.	_____.
0698	638.2602 Removing Signs Type II	288.000 EACH	_____.	_____.



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0700	638.3000 Removing Small Sign Supports	181.000 EACH	_____.	_____.
0702	638.3100 Removing Structural Steel Sign Supports	24.000 EACH	_____.	_____.
0704	643.0300 Traffic Control Drums	721,795.000 DAY	_____.	_____.
0706	643.0370.S Digital Speed Reduction System (DSRS)	2,000.000 DAY	_____.	_____.
0708	643.0420 Traffic Control Barricades Type III	50,880.000 DAY	_____.	_____.
0710	643.0705 Traffic Control Warning Lights Type A	98,410.000 DAY	_____.	_____.
0712	643.0715 Traffic Control Warning Lights Type C	158,035.000 DAY	_____.	_____.
0714	643.0810.S Connected Arrow Board	2,390.000 DAY	_____.	_____.
0716	643.0900 Traffic Control Signs	1,241,610.000 DAY	_____.	_____.
0718	643.0910 Traffic Control Covering Signs Type I	36.000 EACH	_____.	_____.
0720	643.0920 Traffic Control Covering Signs Type II	14.000 EACH	_____.	_____.
0722	643.1000 Traffic Control Signs Fixed Message	2,625.000 SF	_____.	_____.
0724	643.1050 Traffic Control Signs PCMS	2,350.000 DAY	_____.	_____.
0726	643.1051 Traffic Control Signs PCMS with TMC Communications	2,320.000 DAY	_____.	_____.
0728	643.1055.S Truck or Trailer Mounted Attenuator	100.000 DAY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0730	643.1220.S Connected Work Zone Start and End Location Markers	4,940.000 DAY	_____.	_____.
0732	643.3170 Temporary Marking Line Epoxy 6-Inch	506,058.000 LF	_____.	_____.
0734	643.3175 Temporary Marking Line Black Epoxy 6-Inch	44,858.000 LF	_____.	_____.
0736	643.3270 Temporary Marking Line Epoxy 10-Inch	3,857.000 LF	_____.	_____.
0738	643.3760 Temporary Marking Raised Pavement Marker Type I	1,101.000 EACH	_____.	_____.
0740	643.4100 Traffic Control Interim Lane Closure	500.000 EACH	_____.	_____.
0742	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0744	644.1410 Temporary Pedestrian Surface Asphalt	1,000.000 SF	_____.	_____.
0746	644.1430 Temporary Pedestrian Surface Plate	100.000 SF	_____.	_____.
0748	644.1601 Temporary Pedestrian Curb Ramp	200.000 DAY	_____.	_____.
0750	644.1810 Temporary Pedestrian Barricade	500.000 LF	_____.	_____.
0752	644.1900.S Temporary Audible Message Devices	8,400.000 DAY	_____.	_____.
0754	645.0112 Geotextile Type DF Schedule B	1,009.000 SY	_____.	_____.
0756	645.0140 Geotextile Type SAS	1,154.000 SY	_____.	_____.
0758	645.0220 Geogrid Type SR	14,281.000 SY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0760	646.1020 Marking Line Epoxy 4-Inch	16,055.000 LF	_____.	_____.
0762	646.2020 Marking Line Epoxy 6-Inch	8,906.000 LF	_____.	_____.
0764	646.2025 Marking Line Grooved Black Epoxy 6-Inch	18,316.000 LF	_____.	_____.
0766	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	71,263.000 LF	_____.	_____.
0768	646.2050 Marking Line Grooved Permanent Tape 6-Inch	12,010.000 LF	_____.	_____.
0770	646.3020 Marking Line Epoxy 8-Inch	2,543.000 LF	_____.	_____.
0772	646.4020 Marking Line Epoxy 10-Inch	3,940.000 LF	_____.	_____.
0774	646.4025 Marking Line Grooved Black Epoxy 10-Inch	2,905.000 LF	_____.	_____.
0776	646.4040 Marking Line Grooved Wet Ref Epoxy 10-Inch	18,337.000 LF	_____.	_____.
0778	646.4050 Marking Line Grooved Permanent Tape 10-Inch	1,378.000 LF	_____.	_____.
0780	646.5020 Marking Arrow Epoxy	117.000 EACH	_____.	_____.
0782	646.5120 Marking Word Epoxy	15.000 EACH	_____.	_____.
0784	646.5220 Marking Symbol Epoxy	58.000 EACH	_____.	_____.
0786	646.6120 Marking Stop Line Epoxy 18-Inch	349.000 LF	_____.	_____.



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0788	646.6220 Marking Yield Line Epoxy 18-Inch	20.000 EACH	_____.	_____.
0790	646.7120 Marking Diagonal Epoxy 12-Inch	6,356.000 LF	_____.	_____.
0792	646.7220 Marking Chevron Epoxy 24-Inch	1,863.000 LF	_____.	_____.
0794	646.7320 Marking Chevron Epoxy 12-Inch	170.000 LF	_____.	_____.
0796	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,000.000 LF	_____.	_____.
0798	646.8120 Marking Curb Epoxy	168.000 LF	_____.	_____.
0800	646.8220 Marking Island Nose Epoxy	5.000 EACH	_____.	_____.
0802	646.9000 Marking Removal Line 4-Inch	64,930.000 LF	_____.	_____.
0804	646.9050 Marking Removal Line Grooved Permanent Tape 4-Inch	17,293.000 LF	_____.	_____.
0806	652.0125 Conduit Rigid Metallic 2-Inch	377.000 LF	_____.	_____.
0808	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	33,307.000 LF	_____.	_____.
0810	652.0230 Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	742.000 LF	_____.	_____.
0812	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	9,229.000 LF	_____.	_____.
0814	652.0605 Conduit Special 2-Inch	170.000 LF	_____.	_____.
0816	652.0615 Conduit Special 3-Inch	1,540.000 LF	_____.	_____.



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0818	652.0700.S Install Conduit into Existing Item	8.000 EACH	_____.	_____.
0820	652.0800 Conduit Loop Detector	5,840.000 LF	_____.	_____.
0822	653.0135 Pull Boxes Steel 24x36-Inch	24.000 EACH	_____.	_____.
0824	653.0140 Pull Boxes Steel 24x42-Inch	138.000 EACH	_____.	_____.
0826	653.0905 Removing Pull Boxes	72.000 EACH	_____.	_____.
0828	654.0101 Concrete Bases Type 1	24.000 EACH	_____.	_____.
0830	654.0102 Concrete Bases Type 2	9.000 EACH	_____.	_____.
0832	654.0105 Concrete Bases Type 5	67.000 EACH	_____.	_____.
0834	654.0106 Concrete Bases Type 6	1.000 EACH	_____.	_____.
0836	654.0107 Concrete Bases Type 7	2.000 EACH	_____.	_____.
0838	654.0108 Concrete Bases Type 8	3.000 EACH	_____.	_____.
0840	654.0110 Concrete Bases Type 10	11.000 EACH	_____.	_____.
0842	654.0120 Concrete Bases Type 10-Special	5.000 EACH	_____.	_____.
0844	654.0217 Concrete Control Cabinet Bases Type 9 Special	6.000 EACH	_____.	_____.
0846	654.0230 Concrete Control Cabinet Bases Type L30	1.000 EACH	_____.	_____.



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0848	654.1239 Concrete Control Cabinet Bases ITS	1.000 EACH	_____.	_____.
0850	655.0230 Cable Traffic Signal 5-14 AWG	3,716.000 LF	_____.	_____.
0852	655.0240 Cable Traffic Signal 7-14 AWG	3,290.000 LF	_____.	_____.
0854	655.0250 Cable Traffic Signal 9-14 AWG	385.000 LF	_____.	_____.
0856	655.0260 Cable Traffic Signal 12-14 AWG	5,217.000 LF	_____.	_____.
0858	655.0270 Cable Traffic Signal 15-14 AWG	1,004.000 LF	_____.	_____.
0860	655.0320 Cable Type UF 2-10 AWG Grounded	3,195.000 LF	_____.	_____.
0862	655.0510 Electrical Wire Traffic Signals 12 AWG	995.000 LF	_____.	_____.
0864	655.0515 Electrical Wire Traffic Signals 10 AWG	19,333.000 LF	_____.	_____.
0866	655.0610 Electrical Wire Lighting 12 AWG	16,569.000 LF	_____.	_____.
0868	655.0615 Electrical Wire Lighting 10 AWG	1,322.000 LF	_____.	_____.
0870	655.0625 Electrical Wire Lighting 6 AWG	46,300.000 LF	_____.	_____.
0872	655.0630 Electrical Wire Lighting 4 AWG	10,435.000 LF	_____.	_____.
0874	655.0635 Electrical Wire Lighting 2 AWG	2,620.000 LF	_____.	_____.
0876	655.0640 Electrical Wire Lighting 1 AWG	18.000 LF	_____.	_____.
0878	655.0700 Loop Detector Lead In Cable	20,661.000 LF	_____.	_____.



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0880	655.0800 Loop Detector Wire	20,844.000 LF	_____.	_____.
0882	655.0900 Traffic Signal EVP Detector Cable	3,788.000 LF	_____.	_____.
0884	656.0201 Electrical Service Meter Breaker Pedestal (location) 2001. (MBDMS4000190)	1.000 EACH	_____.	_____.
0886	656.0201 Electrical Service Meter Breaker Pedestal (location) 2002. (MBDMS400132)	1.000 EACH	_____.	_____.
0888	656.0201 Electrical Service Meter Breaker Pedestal (location) 2003. (MBDMS400042)	1.000 EACH	_____.	_____.
0890	656.0201 Electrical Service Meter Breaker Pedestal (location) 3001. W O'Connor St & S 70th St	1.000 EACH	_____.	_____.
0892	656.0201 Electrical Service Meter Breaker Pedestal (location) 3002. W Kearney St & S 70th St	1.000 EACH	_____.	_____.
0894	656.0201 Electrical Service Meter Breaker Pedestal (location) 3003. W O'Connor Sr & S 68th St	1.000 EACH	_____.	_____.
0896	656.0201 Electrical Service Meter Breaker Pedestal (location) 3004. W Kearney St & S 68th St	1.000 EACH	_____.	_____.
0898	656.0201 Electrical Service Meter Breaker Pedestal (location) 3005. IH 94 WB On Ramp & N Hawley Rd	1.000 EACH	_____.	_____.
0900	656.0201 Electrical Service Meter Breaker Pedestal (location) 3006. IH 94 EB Off Ramp & S Hawley Rd	1.000 EACH	_____.	_____.



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0902	656.0401 Electrical Service Main Lugs Only Meter Pedestal (location) 1001. HL-40-HY	1.000 EACH	_____.	_____.
0904	656.0501 Electrical Service Breaker Disconnect Box (location) 2001. (DMS400019)	1.000 EACH	_____.	_____.
0906	656.0501 Electrical Service Breaker Disconnect Box (location) 2002. (DMS400132)	1.000 EACH	_____.	_____.
0908	656.0501 Electrical Service Breaker Disconnect Box (location) 2003. (RM40007)	1.000 EACH	_____.	_____.
0910	656.0501 Electrical Service Breaker Disconnect Box (location) 2004. (DMS400042)	1.000 EACH	_____.	_____.
0912	656.0501 Electrical Service Breaker Disconnect Box (location) 2005. (CCTV400010)	1.000 EACH	_____.	_____.
0914	657.0100 Pedestal Bases	22.000 EACH	_____.	_____.
0916	657.0210 Transformer Bases Breakaway 15-17 Inch Bolt Circle	32.000 EACH	_____.	_____.
0918	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	80.000 EACH	_____.	_____.
0920	657.0310 Poles Type 3	9.000 EACH	_____.	_____.
0922	657.0322 Poles Type 5-Aluminum	15.000 EACH	_____.	_____.
0924	657.0327 Poles Type 6-Aluminum	1.000 EACH	_____.	_____.
0926	657.0375 Poles Type A	25.000 EACH	_____.	_____.
0928	657.0380 Poles Type E	3.000 EACH	_____.	_____.



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0930	657.0381 Poles Type F	5.000 EACH	_____.	_____.
0932	657.0405 Traffic Signal Standards Aluminum 3.5-FT	1.000 EACH	_____.	_____.
0934	657.0420 Traffic Signal Standards Aluminum 13-FT	11.000 EACH	_____.	_____.
0936	657.0425 Traffic Signal Standards Aluminum 15-FT	6.000 EACH	_____.	_____.
0938	657.0430 Traffic Signal Standards Aluminum 10-FT	4.000 EACH	_____.	_____.
0940	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	9.000 EACH	_____.	_____.
0942	657.0610 Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	68.000 EACH	_____.	_____.
0944	657.0620 Luminaire Arms Single Member 6-Inch Clamp 4-FT	50.000 EACH	_____.	_____.
0946	657.0625 Luminaire Arms Single Member 6-Inch Clamp 6-FT	3.000 EACH	_____.	_____.
0948	658.0171 Traffic Signal Face 1S 12-Inch	2.000 EACH	_____.	_____.
0950	658.0173 Traffic Signal Face 3S 12-Inch	51.000 EACH	_____.	_____.
0952	658.0174 Traffic Signal Face 4S 12-Inch	12.000 EACH	_____.	_____.
0954	658.0175 Traffic Signal Face 5S 12-Inch	6.000 EACH	_____.	_____.
0956	658.0416 Pedestrian Signal Face 16-Inch	28.000 EACH	_____.	_____.
0958	658.0500 Pedestrian Push Buttons	4.000 EACH	_____.	_____.



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0960	658.5070 Signal Mounting Hardware (location) 3001. W O'Connor St & S 70th St	1.000 EACH	_____.	_____.
0962	658.5070 Signal Mounting Hardware (location) 3002. W Kearney St & S 70th St	1.000 EACH	_____.	_____.
0964	658.5070 Signal Mounting Hardware (location) 3003. W O'Connor St & S 68th St	1.000 EACH	_____.	_____.
0966	658.5070 Signal Mounting Hardware (location) 3004. W Kearney St & S 68th St	1.000 EACH	_____.	_____.
0968	658.5070 Signal Mounting Hardware (location) 3005. IH 94 WB On Ramp & N Hawley Rd	1.000 EACH	_____.	_____.
0970	658.5070 Signal Mounting Hardware (location) 3006. IH 94 EB Off Ramp & S Hawley Rd	1.000 EACH	_____.	_____.
0972	658.5070 Signal Mounting Hardware (location) 3007. Wisconsin and Hawley Rd	1.000 EACH	_____.	_____.
0974	658.5070 Signal Mounting Hardware (location) 3008. W Bluemound and Hawley Rd	1.000 EACH	_____.	_____.
0976	659.0601 Underdeck Lighting (structure) 1001. Underdeck Lighting (B-40-1034)	1.000 EACH	_____.	_____.
0978	659.0601 Underdeck Lighting (structure) 1002. Underdeck Lighting (B-40-1035)	1.000 EACH	_____.	_____.
0980	659.0601 Underdeck Lighting (structure) 1003. Underdeck Lighting (B-40-1036)	1.000 EACH	_____.	_____.
0982	659.0601 Underdeck Lighting (structure) 1004. Underdeck Lighting (B-40-1037)	1.000 EACH	_____.	_____.



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0984	659.0601 Underdeck Lighting (structure) 1005. Underdeck Lighting (B-40-1038)	1.000 EACH	_____.	_____.
0986	659.0601 Underdeck Lighting (structure) 1006. Underdeck Lighting (B-40-1039)	1.000 EACH	_____.	_____.
0988	659.0601 Underdeck Lighting (structure) 1007. Underdeck Lighting (B-40-1040)	1.000 EACH	_____.	_____.
0990	659.0601 Underdeck Lighting (structure) 1008. Underdeck Lighting (B-40-1041)	1.000 EACH	_____.	_____.
0992	659.1125 Luminaires Utility LED C	44.000 EACH	_____.	_____.
0994	659.1130 Luminaires Utility LED D	63.000 EACH	_____.	_____.
0996	659.1215 Luminaires Underdeck LED C	32.000 EACH	_____.	_____.
0998	659.2230 Lighting Control Cabinets 240/480 30-Inch	1.000 EACH	_____.	_____.
1000	659.5000.S Lamp, Ballast, LED, Switch Disposal by Contractor	84.000 EACH	_____.	_____.
1002	661.0201 Temporary Traffic Signals for Intersections (location) 3001. W. Kearney St. & S. 70th St.	1.000 EACH	_____.	_____.
1004	662.1024.S Ramp Closure Gates 24-FT	1.000 EACH	_____.	_____.
1006	662.1030.S Ramp Closure Gates 30-FT	2.000 EACH	_____.	_____.
1008	662.1037.S Ramp Closure Gates 37-FT	1.000 EACH	_____.	_____.
1010	670.0101 Field System Integrator	1.000 EACH	_____.	_____.



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1012	670.0201 ITS Documentation	1.000 EACH	_____.	_____.
1014	671.0142 Conduit HDPE 4-Duct 2-Inch	3,155.000 LF	_____.	_____.
1016	671.0222 Conduit HDPE Directional Bore 2-Duct 2-Inch	215.000 LF	_____.	_____.
1018	671.0242 Conduit HDPE Directional Bore 4-Duct 2-Inch	1,585.000 LF	_____.	_____.
1020	673.0105 Communication Vault Type 1	8.000 EACH	_____.	_____.
1022	673.0200 Tracer Wire Marker Posts	5.000 EACH	_____.	_____.
1024	673.1200.S Install ITS Field Cabinet	1.000 EACH	_____.	_____.
1026	673.1225.S Install Pole Mounted Cabinet	1.000 EACH	_____.	_____.
1028	674.0300 Remove Cable	10,390.000 LF	_____.	_____.
1030	675.0100 Install Controller Ramp Meter Processor Assembly	1.000 EACH	_____.	_____.
1032	675.0300 Install Mounted Controller Microwave Detector Assembly	4.000 EACH	_____.	_____.
1034	677.0150 Install Camera Pole 50-FT	2.000 EACH	_____.	_____.
1036	677.0200 Install Camera Assembly	2.000 EACH	_____.	_____.
1038	677.9051.S Removing 50-FT Camera Pole	2.000 EACH	_____.	_____.
1040	677.9200.S Removing CCTV Camera	2.000 EACH	_____.	_____.



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1042	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	5,175.000 LF	_____.	_____.
1044	678.0024 Install Fiber Optic Cable Outdoor Plant 24-CT	763.000 LF	_____.	_____.
1046	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	6,864.000 LF	_____.	_____.
1048	678.0100.S Install Overhead Freeway DMS Full Matrix	3.000 EACH	_____.	_____.
1050	678.0300 Fiber Optic Splice	172.000 EACH	_____.	_____.
1052	678.0400 Fiber Optic Termination	54.000 EACH	_____.	_____.
1054	678.0501 Communication System Testing	1.000 EACH	_____.	_____.
1056	678.0600 Install Ethernet Switches	11.000 EACH	_____.	_____.
1058	678.0800 Install Cellular Modems	3.000 EACH	_____.	_____.
1060	690.0150 Sawing Asphalt	1,081.000 LF	_____.	_____.
1062	690.0250 Sawing Concrete	29,492.000 LF	_____.	_____.
1064	715.0502 Incentive Strength Concrete Structures	61,494.000 DOL	1.00000	61,494.00
1066	715.0715 Incentive Flexural Strength Concrete Pavement	36,623.000 DOL	1.00000	36,623.00
1068	740.0440 Incentive IRI Ride	16,600.000 DOL	1.00000	16,600.00



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1070	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	36,000.000 HRS	5.00000	180,000.00
1072	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	72,000.000 HRS	5.00000	360,000.00
1074	SPV.0035 Special 0001. Roadway Embankment	42,676.000 CY	_____.	_____.
1076	SPV.0035 Special 4000. HPC Masonry Structures	3,847.000 CY	_____.	_____.
1078	SPV.0045 Special 0504. Truck Entering Warning System	2,000.000 DAY	_____.	_____.
1080	SPV.0045 Special 0505. Flashing Beacon Sign (SWZ)	18,170.000 DAY	_____.	_____.
1082	SPV.0045 Special 0506. PCMS with Cellular Communications (SWZ)	30,309.000 DAY	_____.	_____.
1084	SPV.0045 Special 0507. Portable Traffic Sensor (SWZ)	25,899.000 DAY	_____.	_____.
1086	SPV.0060 Special 0001. Baseline CPM Project Schedule	1.000 EACH	_____.	_____.
1088	SPV.0060 Special 0002. Monthly CPM Project Schedule Updates	37.000 EACH	_____.	_____.
1090	SPV.0060 Special 0101. Concrete Barrier Transition Type G1	1.000 EACH	_____.	_____.
1092	SPV.0060 Special 0102. Concrete Barrier Transition Type G2	1.000 EACH	_____.	_____.
1094	SPV.0060 Special 0106. Concrete Barrier Transition Type S42 to S56 Special	32.000 EACH	_____.	_____.



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1096	SPV.0060 Special 0107. Concrete Barrier Transition Type S32C Reverse Footing to S56C Reverse Foot	1.000 EACH	_____.	_____.
1098	SPV.0060 Special 0110. Concrete Barrier Transition Type M1	1.000 EACH	_____.	_____.
1100	SPV.0060 Special 0111. Concrete Barrier Transition Type M2	1.000 EACH	_____.	_____.
1102	SPV.0060 Special 0112. Concrete Barrier Type S42 End Anchor	4.000 EACH	_____.	_____.
1104	SPV.0060 Special 0113. Concrete Barrier Type S56 End Anchor	5.000 EACH	_____.	_____.
1106	SPV.0060 Special 0114. Concrete Barrier Type S42 Special End Anchor	12.000 EACH	_____.	_____.
1108	SPV.0060 Special 0115. Concrete Barrier Type S56 Special End Anchor	10.000 EACH	_____.	_____.
1110	SPV.0060 Special 0116. Concrete Barrier Type S56 Special 34-Inch End Anchor	8.000 EACH	_____.	_____.
1112	SPV.0060 Special 0117. Concrete Barrier Type S32 Special End Anchor	1.000 EACH	_____.	_____.
1116	SPV.0060 Special 0123. Salvage Ramp Gate	2.000 EACH	_____.	_____.
1118	SPV.0060 Special 0124. Salvage Wrong Way Driver Detection Equipment	5.000 EACH	_____.	_____.
1120	SPV.0060 Special 0125. Section Corner Monuments Special	2.000 EACH	_____.	_____.
1122	SPV.0060 Special 0126. Survey Project 1060-27-71	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1124	SPV.0060 Special 0140. Drilled High Performance Dowel Bars	140.000 EACH	_____.	_____.
1126	SPV.0060 Special 0151. Round Aluminum Sign Post System in Soft Surface 10-Foot	33.000 EACH	_____.	_____.
1128	SPV.0060 Special 0152. Round Aluminum Sign Post System in Soft Surface 11-Foot	4.000 EACH	_____.	_____.
1130	SPV.0060 Special 0153. Round Aluminum Sign Post System in Soft Surface 12-Foot	1.000 EACH	_____.	_____.
1132	SPV.0060 Special 0159. Round Aluminum Sign Post in Concrete Surface 10-Foot	14.000 EACH	_____.	_____.
1134	SPV.0060 Special 0170. Exposing Existing Infrastructure Paved Area	15.000 EACH	_____.	_____.
1136	SPV.0060 Special 0171. Exposing Existing Infrastructure Unpaved Area	15.000 EACH	_____.	_____.
1138	SPV.0060 Special 0177. Fire Hydrant Sign Mounting	62.000 EACH	_____.	_____.
1140	SPV.0060 Special 0180. Tree Trimming	5.000 EACH	_____.	_____.
1142	SPV.0060 Special 0554. Emergency Response to Traffic Involving Concrete Barrier Temporary	20.000 EACH	_____.	_____.
1144	SPV.0060 Special 0555. Emergency Response to Traffic Involving Crash Cushion Temporary	20.000 EACH	_____.	_____.
1146	SPV.0060 Special 0556. Emergency Response to Pavement Repair	20.000 EACH	_____.	_____.



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1148	SPV.0060 Special 0557. Fixed Message Sign Portable Support	39.000 EACH	_____.	_____.
1150	SPV.0060 Special 0564. Traffic Control Close-Open Freeway to Freeway System Ramp	500.000 EACH	_____.	_____.
1152	SPV.0060 Special 0565. Traffic Control Close-Open Crash Cushion	1,000.000 EACH	_____.	_____.
1154	SPV.0060 Special 0566. Traffic Control Full Freeway Closure	400.000 EACH	_____.	_____.
1156	SPV.0060 Special 0571. Traffic Control Local Road Lane Closure	300.000 EACH	_____.	_____.
1158	SPV.0060 Special 0572. Thrie Beam Connection to Concrete Barrier Temporary Precast	5.000 EACH	_____.	_____.
1160	SPV.0060 Special 0573. Moving FBS (SWZ)	160.000 EACH	_____.	_____.
1162	SPV.0060 Special 0574. Moving PCMS (SWZ)	278.000 EACH	_____.	_____.
1164	SPV.0060 Special 0575. Moving PTS (SWZ)	232.000 EACH	_____.	_____.
1166	SPV.0060 Special 0576. Mobilizations Emergency Traffic Control	60.000 EACH	_____.	_____.
1168	SPV.0060 Special 0600. Emergency Response to Incident Involving Utility	3.000 EACH	_____.	_____.
1170	SPV.0060 Special 1001. Poles Wood 60-FT	12.000 EACH	_____.	_____.
1172	SPV.0060 Special 1002. Wood Pole Lighting 60-FT	54.000 EACH	_____.	_____.
1174	SPV.0060 Special 1003. Concrete Bases Type B	25.000 EACH	_____.	_____.



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1176	SPV.0060 Special 1004. Luminaires Utility Floodlight	54.000 EACH	_____.	_____.
1178	SPV.0060 Special 1005. Poles Type 30-AL-BD	24.000 EACH	_____.	_____.
1180	SPV.0060 Special 1006. Poles Type 25-AL-BD	19.000 EACH	_____.	_____.
1182	SPV.0060 Special 1013. Inline 5A Fast Acting Fuse with Holder	24.000 EACH	_____.	_____.
1184	SPV.0060 Special 1017. Luminaire Utility 2LED	40.000 EACH	_____.	_____.
1186	SPV.0060 Special 1018. Luminaire Utility 3LED	9.000 EACH	_____.	_____.
1188	SPV.0060 Special 1020. Pull Boxes 17x30x24-Inch	86.000 EACH	_____.	_____.
1190	SPV.0060 Special 1025. Lighting Units Relocated	4.000 EACH	_____.	_____.
1192	SPV.0060 Special 1026. Luminaire Arms Single Member 4-Inch Clamp 4-FT	10.000 EACH	_____.	_____.
1194	SPV.0060 Special 1027. Poles Type 5-Aluminum 20-FT	3.000 EACH	_____.	_____.
1196	SPV.0060 Special 1028. Hydro Excavation	11.000 EACH	_____.	_____.
1198	SPV.0060 Special 1031. Maintenance of Lighting Systems	1.000 EACH	_____.	_____.
1200	SPV.0060 Special 1041. Lighting System Integrator 1060-27-71	1.000 EACH	_____.	_____.
1202	SPV.0060 Special 1051. Lighting System Survey 1060-27-71	1.000 EACH	_____.	_____.



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1204	SPV.0060 Special 2000. Removing Electrical Service Meter Breaker Pedestal	3.000 EACH	_____.	_____.
1206	SPV.0060 Special 2001. Removing Controller Cabinet	5.000 EACH	_____.	_____.
1208	SPV.0060 Special 2002. Removing Controller Cabinet Base	5.000 EACH	_____.	_____.
1210	SPV.0060 Special 2003. Removing Microwave Detector	8.000 EACH	_____.	_____.
1212	SPV.0060 Special 2004. Removing Ramp Control Signal Assembly Sidemount	5.000 EACH	_____.	_____.
1214	SPV.0060 Special 2005. Removing Ramp Control Signal Assembly Overhead	2.000 EACH	_____.	_____.
1216	SPV.0060 Special 2006. Removing Overhead Freeway DMS	2.000 EACH	_____.	_____.
1218	SPV.0060 Special 2007. Removing Pole	4.000 EACH	_____.	_____.
1220	SPV.0060 Special 2008. Salvaging Pole Mounted Cabinet	2.000 EACH	_____.	_____.
1222	SPV.0060 Special 2009. Temporary Vehicle Detector Assembly	1.000 EACH	_____.	_____.
1224	SPV.0060 Special 2010. Relocating Temporary Vehicle Detector Assembly	5.000 EACH	_____.	_____.
1226	SPV.0060 Special 2011. Removing Temporary Vehicle Detector Assembly	1.000 EACH	_____.	_____.
1228	SPV.0060 Special 2012. Temporary Traffic Camera Assembly	2.000 EACH	_____.	_____.



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1230	SPV.0060 Special 2013. Relocating Temporary Traffic Camera Assembly	10.000 EACH	_____.	_____.
1232	SPV.0060 Special 2014. Removing Temporary Traffic Camera Assembly	2.000 EACH	_____.	_____.
1234	SPV.0060 Special 2050. Enter Existing Splice Enclosure	1.000 EACH	_____.	_____.
1236	SPV.0060 Special 2051. Loop Detector Protection	6.000 EACH	_____.	_____.
1238	SPV.0060 Special 2052. Refocus Vehicle Detector Assembly	63.000 EACH	_____.	_____.
1240	SPV.0060 Special 2053. Signal Assembly Advance Flasher Type 1	5.000 EACH	_____.	_____.
1242	SPV.0060 Special 2054. Signal Assembly Ramp Control Overhead	3.000 EACH	_____.	_____.
1244	SPV.0060 Special 2055. Ground Rod	4.000 EACH	_____.	_____.
1246	SPV.0060 Special 2056. Install Structure Mounted Cabinet	3.000 EACH	_____.	_____.
1248	SPV.0060 Special 3002. Install Poles Type 10	11.000 EACH	_____.	_____.
1250	SPV.0060 Special 3003. Install Poles Type 9-Special	3.000 EACH	_____.	_____.
1252	SPV.0060 Special 3004. Install Poles Type 10-Special	2.000 EACH	_____.	_____.
1254	SPV.0060 Special 3007. Install Monotube Arms 15-FT	1.000 EACH	_____.	_____.



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1256	SPV.0060 Special 3008. Install Monotube Arms 20-FT	1.000 EACH	_____.	_____.
1258	SPV.0060 Special 3009. Install Monotube Arms 25-FT	4.000 EACH	_____.	_____.
1260	SPV.0060 Special 3010. Install Monotube Arms 30-FT	5.000 EACH	_____.	_____.
1262	SPV.0060 Special 3011. Install Monotube Arms 35-FT-Special	2.000 EACH	_____.	_____.
1264	SPV.0060 Special 3013. Install Monotube Arms 45-FT-Special	3.000 EACH	_____.	_____.
1266	SPV.0060 Special 3017. Install Luminaire Arms Steel 15-FT	17.000 EACH	_____.	_____.
1268	SPV.0060 Special 3029. Trnspt Traffic Signal & Inter Lighting Materials w O'Connor St & S 70th St	1.000 EACH	_____.	_____.
1270	SPV.0060 Special 3030. Trnspt Traffic Signal & Inter Lighting Materials w Kearney St & S 70th St	1.000 EACH	_____.	_____.
1272	SPV.0060 Special 3031. Trnspt Traffic Signal & Inter Lighting Materials O'Connor St & S 68th St	1.000 EACH	_____.	_____.
1274	SPV.0060 Special 3032. Trnspt Traffic Signal & Inter Lighting Materials W Kearney St & S 68th St	1.000 EACH	_____.	_____.
1276	SPV.0060 Special 3033. Trnspt Signal & Inter Lighting Materials IH 94 WB On Ramp & N Hawley RD	1.000 EACH	_____.	_____.



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1278	SPV.0060 Special 3034. Trnspt Signal & Inter Lighting Materials IH 94 EB Off Ramp & S Hawley RD.	1.000 EACH	_____.	_____.
1280	SPV.0060 Special 3043. Backplates With Reflective Border 3 Section 12-Inch	12.000 EACH	_____.	_____.
1282	SPV.0060 Special 3046. Trnspt & Install State Furn Traffic Signal Cabinet W O'Connor St & S 70th	1.000 EACH	_____.	_____.
1284	SPV.0060 Special 3047. Trnspt & Install State Furn Traffic Signal Cabinet W Kearney St & S 70th	1.000 EACH	_____.	_____.
1286	SPV.0060 Special 3048. Trnspt & Install State Furn Traffic Signal Cabinet W O'Connor St & S 68th	1.000 EACH	_____.	_____.
1288	SPV.0060 Special 3049. Trnspt & Install State Furn Traffic Signal Cabinet W Kearney St & S 68th	1.000 EACH	_____.	_____.
1290	SPV.0060 Special 3050. Trnspt & Install State Furn Traffic Signal Cabinet IH 94 WB On Ramp & N Ha	1.000 EACH	_____.	_____.
1292	SPV.0060 Special 3051. Trnspt & Install State Furn Traffic Signal Cabinet IH 94 EB Off Ramp & S H	1.000 EACH	_____.	_____.
1294	SPV.0060 Special 3052. Trnspt & Install State Furn APS Push Button System W O'Connor St & S 70th	1.000 EACH	_____.	_____.
1296	SPV.0060 Special 3053. Trnspt & Install State Furn APS Push Button System W Kearney St & S 70th	1.000 EACH	_____.	_____.



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1298	SPV.0060 Special 3054. Trnspt & Install State Furn APS Push Button System W O'Connor St & S 68th	1.000 EACH	_____.	_____.
1300	SPV.0060 Special 3055. Trnspt & Install State Furn APS Push Button System W Kearney St & S 68th	1.000 EACH	_____.	_____.
1302	SPV.0060 Special 3056. Trnspt & Install State Furn APS Push Button Sys IH94 WB On Ramp & N Hawley	1.000 EACH	_____.	_____.
1304	SPV.0060 Special 3057. Trnspt & Install State Furn APS Push Button Sys IH94 EB Off Ramp & S Hawley	1.000 EACH	_____.	_____.
1306	SPV.0060 Special 3058. Trnspt & Instl State Furn EVP Heads with Confirm Lights W O'Connor & 70th	1.000 EACH	_____.	_____.
1308	SPV.0060 Special 3059. Trnspt & Install State Furn EVP Heads With Confirm Lights W Kearney & 70th	1.000 EACH	_____.	_____.
1310	SPV.0060 Special 3060. Trnspt & Instl State Furn EVP Heads with Confirm Lights W O'Connor & 68th	1.000 EACH	_____.	_____.
1312	SPV.0060 Special 3061. Trnspt & Install State Furn EVP Heads with Confirm Lights W Kearney & 68th	1.000 EACH	_____.	_____.
1314	SPV.0060 Special 3062. Trnspt & Install State Furn EVP Heads with Confirmation Lights IH 94 WB On	1.000 EACH	_____.	_____.
1316	SPV.0060 Special 3063. Trnspt & Install State Furn EVP Heads with Confirmation Lights IH 94 EB Of	1.000 EACH	_____.	_____.



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1318	SPV.0060 Special 3064. Temporary EVP System W Kearney St & S 70th St	1.000 EACH	_____.	_____.
1320	SPV.0060 Special 3065. Remove Traffic Signal Equipment	3.000 EACH	_____.	_____.
1322	SPV.0060 Special 3066. Relocate Pedestrian Push Button (APS)	3.000 EACH	_____.	_____.
1324	SPV.0060 Special 3067. Relocate Pedestrian Head	3.000 EACH	_____.	_____.
1326	SPV.0060 Special 3068. Temporary Overhead Cable w Wisconsin Ave & N Hawley Rd	1.000 EACH	_____.	_____.
1328	SPV.0060 Special 3069. Trnsprt and Install S-F FO Cable Pigtail 8-CT W O'Connor St & S 68th St	1.000 EACH	_____.	_____.
1330	SPV.0060 Special 3070. Trnsprt and Install S-F FO Cable Pigtail 8-CT W Kearney St & S 68th St	1.000 EACH	_____.	_____.
1332	SPV.0060 Special 3071. Trnsprt and Install S-F FO Cable Pigtail 8-CT IH 94 WB On Ramp & N Hawley	1.000 EACH	_____.	_____.
1334	SPV.0060 Special 3072. Trnsprt and Install S-F FO Cable Pigtail 8-CT IH 94 EB Off Ramp & S Hawley	1.000 EACH	_____.	_____.
1336	SPV.0060 Special 4083. Temporary Bridge Widening B-40-83	1.000 EACH	_____.	_____.
1338	SPV.0060 Special 4085. Temporary Bridge Widening B-40-85	1.000 EACH	_____.	_____.
1340	SPV.0060 Special 4087. Temporary Bridge Widening B-40-87	1.000 EACH	_____.	_____.



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1342	SPV.0060 Special 4200. Anchor Assemblies Noise Barrier Structures	386.000 EACH	_____.	_____.
1344	SPV.0060 Special 4383. Temporary Pier Support B-40-83	2.000 EACH	_____.	_____.
1346	SPV.0060 Special 4385. Temporary Pier Support B-40-85	6.000 EACH	_____.	_____.
1348	SPV.0060 Special 4400. Cored Holes 4-Inch	8.000 EACH	_____.	_____.
1350	SPV.0060 Special 5001. Permanent Connection to Existing 36-Inch Water Main	2.000 EACH	_____.	_____.
1352	SPV.0060 Special 5002. Permanent Connection to Existing 48-Inch Water Main	1.000 EACH	_____.	_____.
1354	SPV.0060 Special 5003. Adjusting Water Valve Boxes	26.000 EACH	_____.	_____.
1356	SPV.0060 Special 5004. Adjusting Water Manhole	8.000 EACH	_____.	_____.
1358	SPV.0060 Special 5005. Installing Hydrant-Alteration	6.000 EACH	_____.	_____.
1360	SPV.0060 Special 5006. Blowoff Manhole	4.000 EACH	_____.	_____.
1362	SPV.0060 Special 5007. Inspection Manhole	1.000 EACH	_____.	_____.
1364	SPV.0060 Special 5008. Removing Hydrant/Minor	1.000 EACH	_____.	_____.
1366	SPV.0060 Special 5009. Installing Hydrant	1.000 EACH	_____.	_____.
1368	SPV.0060 Special 5100. Adjusting Sanitary Manhole	12.000 EACH	_____.	_____.



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1370	SPV.0060 Special 5101. Internal Sanitary Manhole Seals	12.000 EACH	_____.	_____.
1372	SPV.0060 Special 5200. Manholes Type TES 4-FT Diameter	6.000 EACH	_____.	_____.
1374	SPV.0060 Special 5201. Manholes Type TES Doghouse 4-FT Diameter	2.000 EACH	_____.	_____.
1376	SPV.0060 Special 5203. Manholes Type TES Doghouse 4-FT Diameter Installed Over Conduit	2.000 EACH	_____.	_____.
1378	SPV.0060 Special 5204. Removing CUC Manhole	2.000 EACH	_____.	_____.
1380	SPV.0060 Special 8000. Hawley Road Pond Outlet Storm Sewer Structure	1.000 EACH	_____.	_____.
1382	SPV.0060 Special 8001. Temporary Storm Sewer Plug	37.000 EACH	_____.	_____.
1384	SPV.0060 Special 8002. Detention Pond Anti-Seep Collar	1.000 EACH	_____.	_____.
1386	SPV.0060 Special 8003. Reconnect Storm Sewer	127.000 EACH	_____.	_____.
1388	SPV.0060 Special 8004. Fastening Sewer Access Covers	25.000 EACH	_____.	_____.
1390	SPV.0060 Special 8005. Sealing Storm Structure	5.000 EACH	_____.	_____.
1392	SPV.0060 Special 8006. Control of Water Storm Sewer	1.000 EACH	_____.	_____.
1394	SPV.0060 Special 8007. Cover Plates Left in Place	20.000 EACH	_____.	_____.



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1396	SPV.0060 Special 8008. Inlet Covers Type Beehive A	3.000 EACH	_____.	_____.
1398	SPV.0060 Special 8009. Manhole Covers Type 58-A	32.000 EACH	_____.	_____.
1400	SPV.0060 Special 8010. Inlet Covers Type MS 57	87.000 EACH	_____.	_____.
1402	SPV.0060 Special 8012. Inlet Cover Type 55	6.000 EACH	_____.	_____.
1404	SPV.0075 Special 0200. Pavement Cleanup Project 1060-27-71	2,000.000 HRS	_____.	_____.
1406	SPV.0075 Special 4010. Obstructions Foundation Drilling	40.000 HRS	_____.	_____.
1408	SPV.0075 Special 4020. Obstructions Piling Steel Sheet Permanent Installed	17.000 HRS	_____.	_____.
1410	SPV.0090 Special 0250. Concrete Curb & Gutter 55-Inch	188.000 LF	_____.	_____.
1412	SPV.0090 Special 0251. Concrete Curb & Gutter 4-Inch Sloped 60-Inch Type A	1,038.000 LF	_____.	_____.
1414	SPV.0090 Special 0252. Concrete Barrier Type S56 Special 34-Inch	503.000 LF	_____.	_____.
1416	SPV.0090 Special 0253. Concrete Barrier Type S56 Special Light Pole Base	24.000 LF	_____.	_____.
1418	SPV.0090 Special 0254. Concrete Barrier Type S56 Special Vertical Back	657.000 LF	_____.	_____.
1420	SPV.0090 Special 0255. Concrete Barrier Type S42 Special	8,360.000 LF	_____.	_____.



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1422	SPV.0090 Special 0256. Concrete Barrier Type S56 Special	3,384.000 LF	_____.	_____.
1424	SPV.0090 Special 0257. Concrete Barrier Type S42C Special	1,378.000 LF	_____.	_____.
1426	SPV.0090 Special 0258. Concrete Barrier Type S56C Special	1,350.000 LF	_____.	_____.
1428	SPV.0090 Special 0259. Concrete Barrier Type S32 Special	90.000 LF	_____.	_____.
1430	SPV.0090 Special 0261. Pipe Underdrain 6-Inch Special	27,179.000 LF	_____.	_____.
1432	SPV.0090 Special 0265. Concrete Barrier Type S32C Reverse Footing	557.000 LF	_____.	_____.
1434	SPV.0090 Special 0266. Concrete Barrier Type S56C Reverse Footing	579.000 LF	_____.	_____.
1436	SPV.0090 Special 0270. Marking Stop Line Epoxy 24-Inch	410.000 LF	_____.	_____.
1438	SPV.0090 Special 0271. Marking Crosswalk Epoxy Transverse Line 12-Inch	862.000 LF	_____.	_____.
1440	SPV.0090 Special 0272. Marking Crosswalk Epoxy Block Style 12-Inch	3,006.000 LF	_____.	_____.
1442	SPV.0090 Special 0702. Concrete Barrier Temporary Precast Left in Place	1,071.000 LF	_____.	_____.
1444	SPV.0090 Special 0703. Fence Temporary 6-FT	2,000.000 LF	_____.	_____.
1446	SPV.0090 Special 0704. Glare Screens Temporary	4,418.000 LF	_____.	_____.



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1448	SPV.0090 Special 0705. Glare Screen Temporary Left in Place	1,952.000 LF	_____.	_____.
1450	SPV.0090 Special 0711. Removing Concrete Barrier Precast	512.000 LF	_____.	_____.
1452	SPV.0090 Special 1001. Cable Aerial Aluminum 6 AWG Triplex	23,805.000 LF	_____.	_____.
1454	SPV.0090 Special 1002. Cable Aerial Aluminum 4 AWG Triplex	1,365.000 LF	_____.	_____.
1456	SPV.0090 Special 1004. Conduit 3-Inch HDPE Schedule 40	1,170.000 LF	_____.	_____.
1458	SPV.0090 Special 1008. Electrical Cable Type 3#12 UF with Ground	6,381.000 LF	_____.	_____.
1460	SPV.0090 Special 1009. Electrical Cable Type 4#8/1#1 XLP	2,880.000 LF	_____.	_____.
1462	SPV.0090 Special 1010. Electrical Cable Type 4#6/1#8 XLP	60.000 LF	_____.	_____.
1464	SPV.0090 Special 1011. Electrical Cable Type 4#4/1#8 XLP	37,320.000 LF	_____.	_____.
1466	SPV.0090 Special 2000. Outdoor Rated Network Cable	5,360.000 LF	_____.	_____.
1468	SPV.0090 Special 4000. Removing Existing Timber Piling	1,205.000 LF	_____.	_____.
1470	SPV.0090 Special 4020. Foundation Drilling 36-Inch Diameter	1,240.000 LF	_____.	_____.
1472	SPV.0090 Special 5001. Steel Casing W/ Ductile Iron 36-Inch Carrier	25.000 LF	_____.	_____.



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1474	SPV.0090 Special 5002. Ductile Iron Water Main 36-Inch	200.000 LF	_____.	_____.
1476	SPV.0090 Special 5003. Ductile Iron Water Main 48-Inch	762.000 LF	_____.	_____.
1478	SPV.0090 Special 5004. Abandon Existing 36-Inch Water Main	120.000 LF	_____.	_____.
1480	SPV.0090 Special 5005. Abandon Existing 48-Inch Water Main	720.000 LF	_____.	_____.
1482	SPV.0090 Special 5006. Removing Water Main	30.000 LF	_____.	_____.
1484	SPV.0090 Special 5007. Ductile Iron Water Main 12-Inch	21.000 LF	_____.	_____.
1486	SPV.0090 Special 5008. Ductile Iron Hydrant Branch 6-Inch	23.000 LF	_____.	_____.
1488	SPV.0090 Special 5120. Sewer Exams by CCTV Post Construction	7,037.000 LF	_____.	_____.
1490	SPV.0090 Special 5201. 4-Duct Conduit Cement Encased 4-Inch Conduit	2,579.000 LF	_____.	_____.
1492	SPV.0090 Special 5210. Conduit Subduct 1-Inch	1,207.000 LF	_____.	_____.
1494	SPV.0090 Special 5211. Furnish Municipal Fiber Optic Cable 72 Count	1,387.000 LF	_____.	_____.
1496	SPV.0090 Special 8000. Drain Slotted Vane Temporary	1,437.000 LF	_____.	_____.
1498	SPV.0090 Special 8001. Pipe Underdrain Exploration	500.000 LF	_____.	_____.



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1500	SPV.0090 Special 8002. Drain Slotted Vane Permanent	1,787.000 LF	_____.	_____.
1502	SPV.0110 Special 4000. Timber Lagging	15.000 MBM	_____.	_____.
1504	SPV.0135 Special 0301. Vibration Monitoring	40.000 MON	_____.	_____.
1506	SPV.0165 Special 0400. Tactile Directional Indicators	4,631.000 SF	_____.	_____.
1508	SPV.0165 Special 0401. High Friction Traffic Marking Green Bike Lane Panel	2,222.000 SF	_____.	_____.
1510	SPV.0165 Special 4000. Longitudinal Grooving Bridge Deck	82,584.000 SF	_____.	_____.
1512	SPV.0165 Special 4100. Geocomposite Drain Board	4,970.000 SF	_____.	_____.
1514	SPV.0165 Special 4500. Piling Steel Sheet Permanent Installed R-40-801	19,020.000 SF	_____.	_____.
1516	SPV.0165 Special 4600. Screening Fence Structure Mounted	6,280.000 SF	_____.	_____.
1518	SPV.0165 Special 4610. Screening Fence Ground Mounted	10,150.000 SF	_____.	_____.
1520	SPV.0165 Special 4700. Temporary Wall Wire Faced Mechanically Stabilized Earth	10,283.000 SF	_____.	_____.
1522	SPV.0165 Special 4734. Wall Concrete Panel Mechanically Stabilized Earth R-40-734	10,700.000 SF	_____.	_____.
1524	SPV.0165 Special 4735. Wall Concrete Panel Mechanically Stabilized Earth R-40-735	11,600.000 SF	_____.	_____.



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1526	SPV.0165 Special 4736. Wall Concrete Panel Mechanically Stabilized Earth R-40-736	18,526.000 SF	_____.	_____.
1528	SPV.0165 Special 4737. Wall Concrete Panel Mechanically Stabilized Earth R-40-737	15,087.000 SF	_____.	_____.
1530	SPV.0165 Special 4739. Wall Concrete Panel Mechanically Stabilized Earth R-40-739	10,135.000 SF	_____.	_____.
1532	SPV.0165 Special 4740. Wall Concrete Panel Mechanically Stabilized Earth R-40-740	5,987.000 SF	_____.	_____.
1534	SPV.0165 Special 4741. Wall Concrete Panel Mechanically Stabilized Earth R-40-741	7,720.000 SF	_____.	_____.
1536	SPV.0165 Special 4742. Wall Concrete Panel Mechanically Stabilized Earth R-40-742	3,620.000 SF	_____.	_____.
1538	SPV.0165 Special 4744. Wall Concrete Panel Mechanically Stabilized Earth R-40-744	1,486.000 SF	_____.	_____.
1540	SPV.0165 Special 4762. Wall Concrete Panel Mechanically Stabilized Earth R-40-762	2,830.000 SF	_____.	_____.
1542	SPV.0180 Special 0420. Asphaltic Material Binder	1,091.000 SY	_____.	_____.
1544	SPV.0180 Special 0421. HPC Pavement 9-Inch	35,541.000 SY	_____.	_____.
1546	SPV.0180 Special 0422. HPC Pavement HES 9-Inch	758.000 SY	_____.	_____.
1548	SPV.0180 Special 0423. HPC Pavement 12-Inch	82,658.000 SY	_____.	_____.
1550	SPV.0195 Special 0443. HMA Longitudinal Joint Repair	100.000 TON	_____.	_____.



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1552	SPV.0195 Special 0444. HMA Transverse Joint Repair	100.000 TON	_____.	_____.
1554	204.0115 Removing Asphaltic Surface Butt Joints	300.000 SY	_____.	_____.
1556	450.4000 HMA Cold Weather Paving	13,780.000 TON	_____.	_____.
1558	SPV.0060 Special 0955. Install State Furnished Sign	4.000 EACH	_____.	_____.
1560	SPV.0090 Special 0274. Marking Epoxy 6-Inch Black Non Grooved	1,637.000 LF	_____.	_____.
1562	SPV.0090 Special 0275. Marking Epoxy 10-Inch Black Non Grooved	426.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.