Wisconsin Department of Transportation

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

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September 4, 2025

NOTICE TO ALL CONTRACTORS:

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

Letting of September 9, 2025

This is Addendum No. 03, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
7	Holiday and Special Event Restrictions.
206	Drilled Foundation Shaft 34.65-Inch, Item SPV.0060.4100; Drilled Foundation Shaft 59.06-Inch, Item SPV.0060.4110.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
204.0210	Removing Manholes	Each	14	-2	12
204.0245.0003	Removing Storm Sewer 18-Inch	LF	238	-120	118
204.0250	Abandoning Manholes	Each	1	3	4
204.0291.S	Abandoning Sewer	CY	5	7	12
511.1200.0010	Temporary Shoring (R-40-10)	SF	3,420	580	4,000

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
39	Construction Detail – Revised length of 42-Inch CBSS barrier in Type S2 transition
79	Plan Details – Revised callouts at Concrete Barrier Type S2 Transition
134	Existing Storm Sewer Removals – Revised existing abandoning manhole and sewer location. Added abandoning sewer and abandoning manhole notes
136	Storm Sewer Staging – Revised stage note for manhole under 27th St bridge
149-150	Storm Sewer Plan and Profile – Revised manhole under 27th St bridge
280	Traffic Control –Additional details for partial wall removal included
281	Traffic Control – Revised limits of B-40-57 wingwall removal and shoring left in place
301	Traffic Control – Revised name of construction details referenced
377	Miscellaneous Quantities – Revised Concrete Barrier Type S2 Transition station range
392-395	Miscellaneous Quantities – Revised Removing Manholes, Abandoning Manholes, Storm Sewer Pipe Removals, Abandoning Sewer, and Reconnecting Storm Sewer tables
399	Miscellaneous Quantities – Revised station/offset for manhole
404	Miscellaneous Quantities – Temporary Shoring (R-40-10) quantity revised
763	Structures Plan (B-40-1083) – Added minimum removal limits elevation
829	Structures Plan (R-40-761) – Removed wall system note
852	Structures Plan (R-40-761) – Revised MSE panel embedment
865	Structures Plan (R-40-767) – Removed wall system note
866	Structures Plan (R-40-767) – Revised MSE panel embedment
867	Structures Plan (R-40-767) – Revised MSE panel embedment
901-903	Cross Sections – Revised location of eastbound barrier location

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. 03

1060-27-74

September 4, 2025

Special Provisions

7. Holiday and Special Event Restrictions.

Add the following paragraph after paragraph 1 in section titled **Freeway Special Event Restrictions***:*

Special event work restrictions do not apply to the Onetime Only Continuous Closure of I-94 EB for girder setting as defined in the Traffic article of the project Special Provisions.

206. Drilled Foundation Shaft 34.65-Inch, Item SPV.0060.4100; Drilled Foundation Shaft 59.06-Inch, Item SPV.0060.4110.

Replace the last sentence in section titled **B.1 General** *with the following:*

In the event that the provisions of other specification clauses causes ambiguity or conflict with these special provisions, the stricter requirement shall apply unless otherwise accepted by the engineer.

Replace the first two paragraphs in section titled **B.2 Equipment** *with the following:*

Equipment used for excavation, drilling, and cleaning operations shall utilize full-depth temporary casing, installed using an overhead rotary drill rig to excavate inside the casing. Temporary casing installation shall be advanced a minimum of 5 feet ahead of any excavation inside the casing at all times until the shaft tip elevation is reached. The overhead rotary drill rig shall have adequate capacity; including power, torque, and down thrust to install and extract the full depth temporary casing to a depth equal to the maximum depth of the drilled shafts shown in the plans plus 5 feet of the maximum shaft length determined by the test core required in C.3.6.8. The overhead rotary drill rig shall have adequate capacity, including power, torque and down thrust to excavate a hole within the casing to a depth equal to the maximum shaft length determined by the test core required in C.3.6.8 plus 5 feet. Anticipate and make available at the job site all equipment necessary and essential to penetrate soft and hard soils (including bedrock), as well as cobbles and boulders and unidentified man-made obstructions, during the construction of the drilled shafts.

A standby oscillator must be available on site in the event the overhead rotary drill rig is unable to reliably install or extract the temporary casing for drilled shafts at Piers 1, 2, and 3 of B-40-1083. The standby oscillator must be capable of installing and extracting the full depth temporary casing by means of rotational or oscillatory motion and advancing the casing a minimum of 5 feet ahead of the excavation inside the casing until the shaft tip elevation is reached. A standby oscillator for drilled shaft installation at the north abutment of B-40-1083 is not required. No excavation ahead of the casing is permitted without the engineer's approval. Installation or removal of temporary casing by impact driving or vibration is not permitted. Advancing and installing the temporary casing by means of excavation ahead of the casing is not permitted.

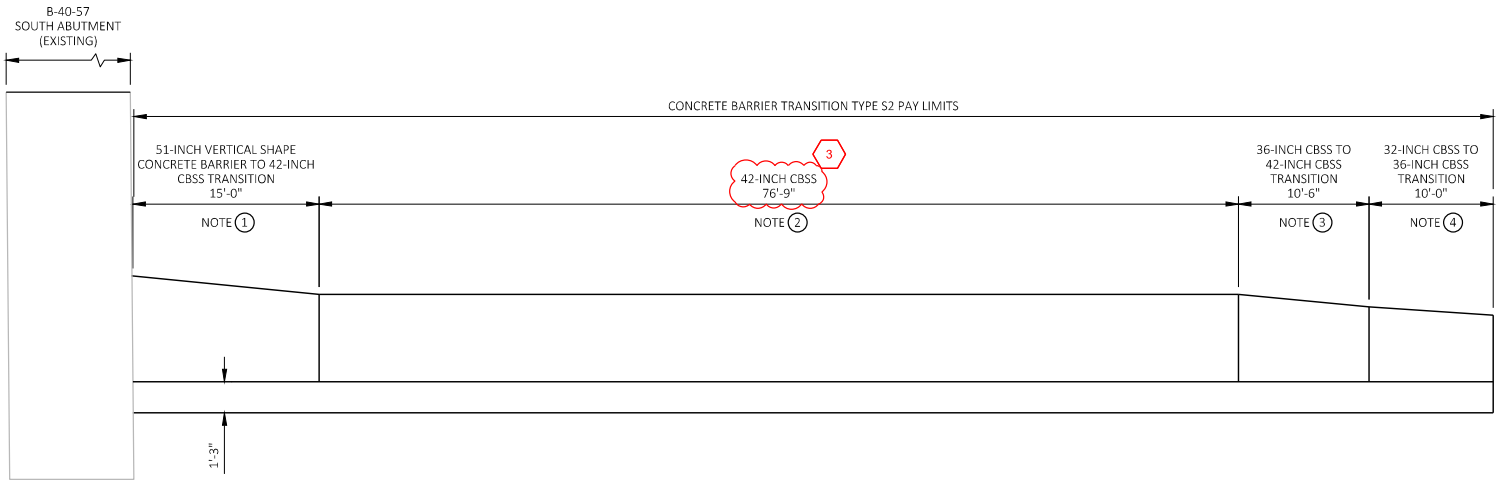
Replace the table in section titled **C.3.8 CSL Access Tube Installation** *with the following:*

Drilled Shaft Diameter	Number of CSL Tubes	Tube Spacing
34.65-inches	4 minimum	As shown in plans
59.06-inches	5 minimum	As shown in plans

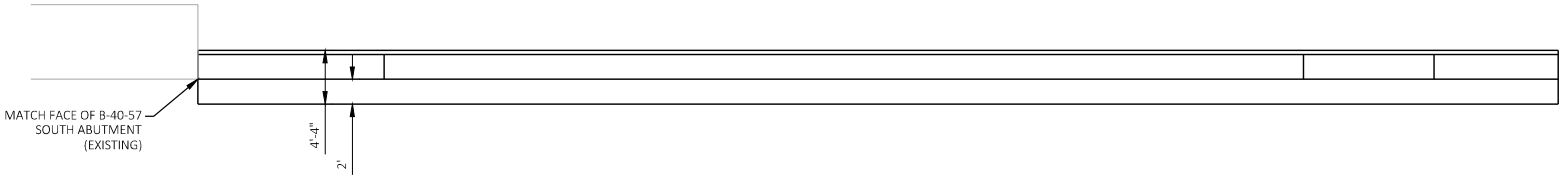
Schedule of Items
Attached, dated September 4, 2025, are the revised Schedule of Items Pages 2, 3, and 7.

Plan Sheets
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 39, 79, 134, 136, 149-150, 280-281, 301, 377, 392-395, 399, 404, 763, 829, 852, 865-867, 901-903.

END OF ADDENDUM



ELEVATION VIEW



PLAN VIEW

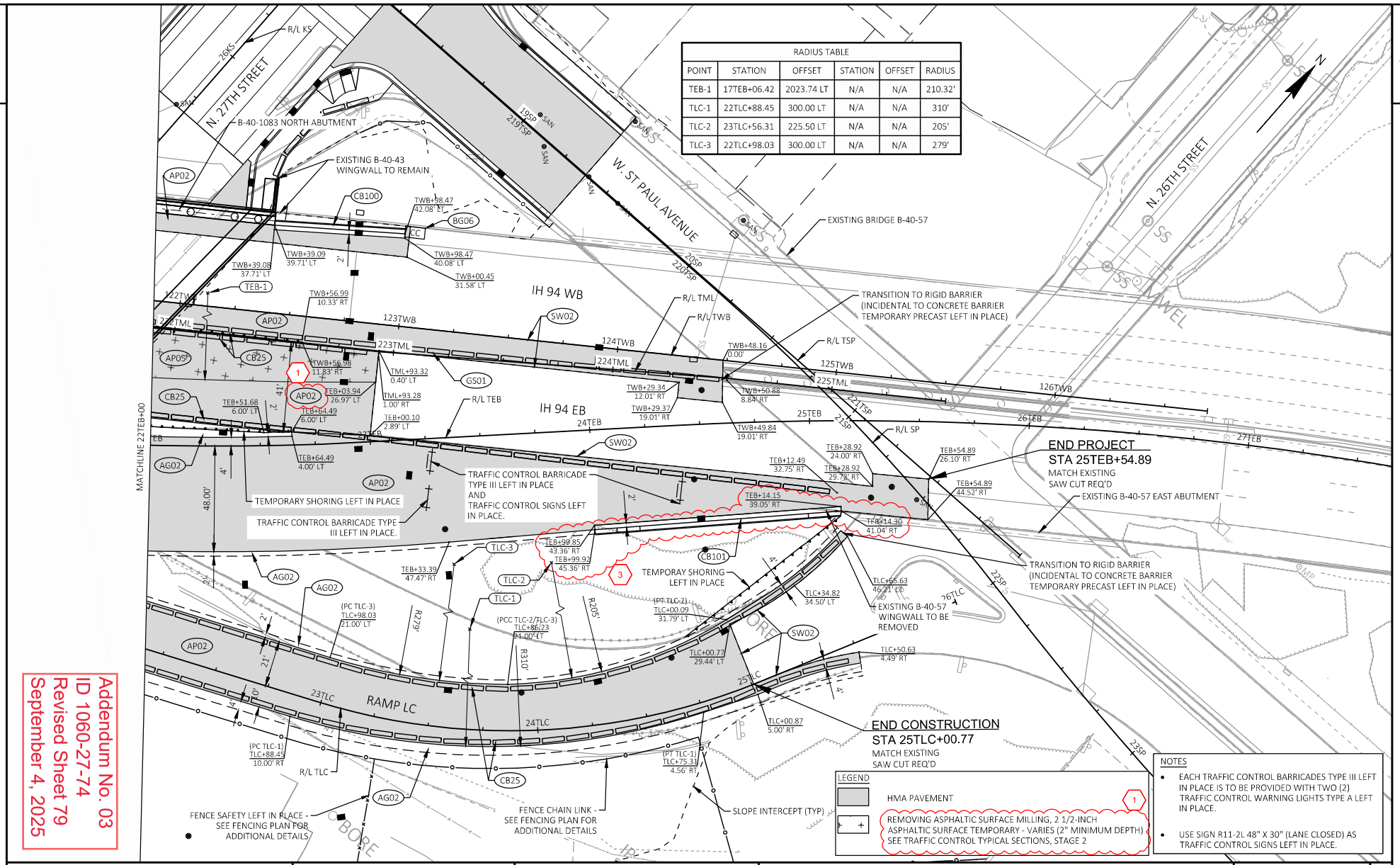
Addendum No. 03
ID 1060-27-74
Revised Sheet 39
September 4, 2025

CONCRETE BARRIER TRANSITION TYPE S2 DETAIL

NOTES

MODIFY BAR STEEL NEAR INLETS PER SDD "SINGLE SLOPE ROADSIDE RETAINING WALL - PLACEMENT AND DRAINAGE"

1. SEE SDD "51-INCH VERTICAL SHAPE CONCRETE BARRIER TO 42-INCH SINGLE SLOPE CONCRETE BARRIER TRANSITION FOR ADDITIONAL INFORMATION.
2. FOOTING REQUIRED THROUGH LIMITS OF 42-INCH CBSS. SEE SDD "CONCRETE BARRIER SINGLE SLOPE (CBSS)" FOR ADDITIONAL INFORMATION.
3. SEE SDD "36" SINGLE SLOPE CONCRETE BARRIER TO 42" SINGLE SLOPE CONCRETE BARRIER HEIGHT TRANSITION" FOR ADDITIONAL INFORMATION.
4. SEE SDD "32" SINGLE SLOPE CONCRETE BARRIER TO 36" SINGLE SLOPE CONCRETE BARRIER HEIGHT TRANSITION" FOR ADDITIONAL INFORMATION.

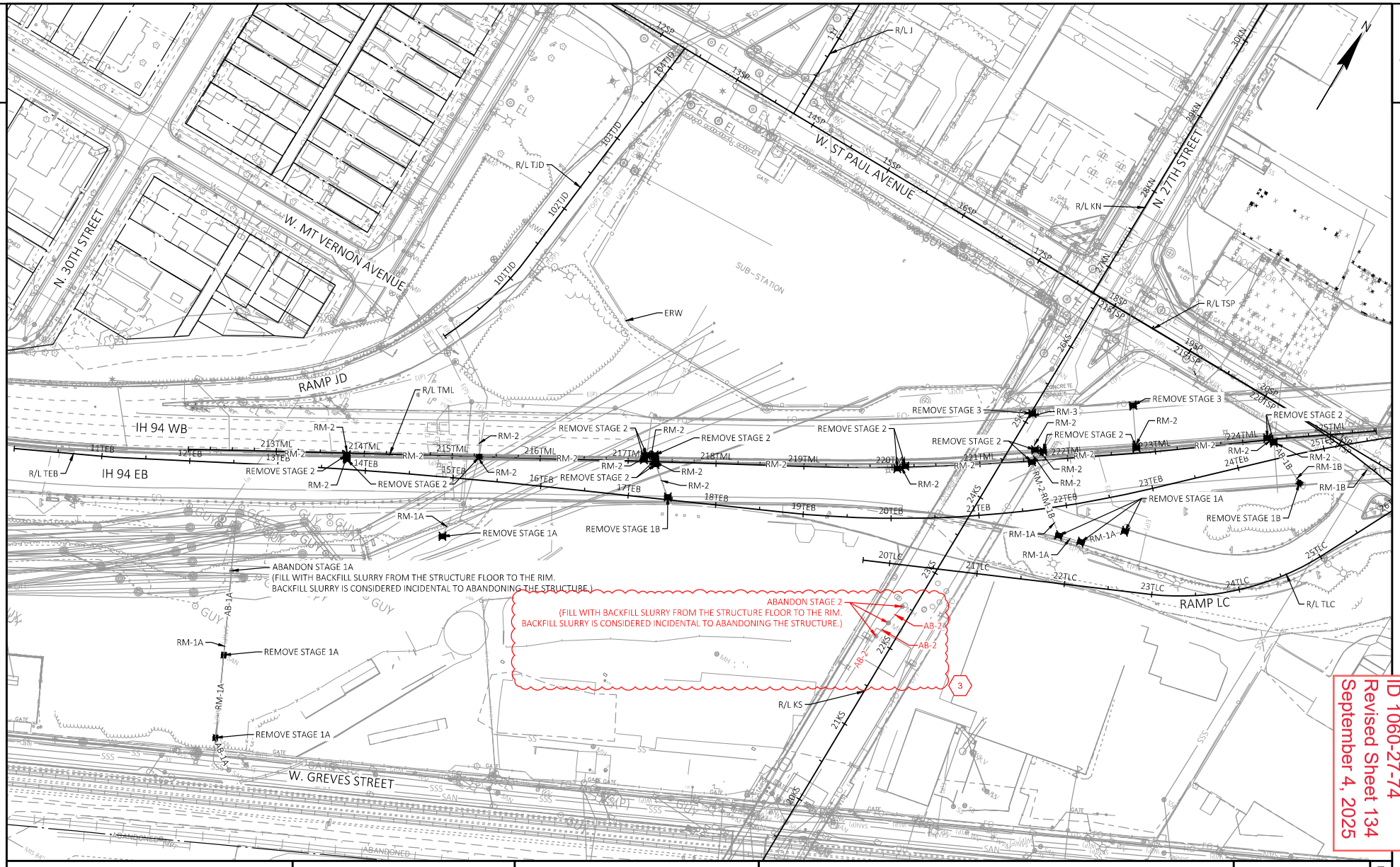


Addendum No. 03
ID 1060-27-74
Revised Sheet 79
September 4, 2025

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 79	E

FILE NAME : C:\USERS\DBAUMANN\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\10602709ELA-021201-PD.DWG
LAYOUT NAME - 01-ELA1-03
PLOT DATE : 9/2/2025 3:24 PM
PLOT BY : DAN BAUMANN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

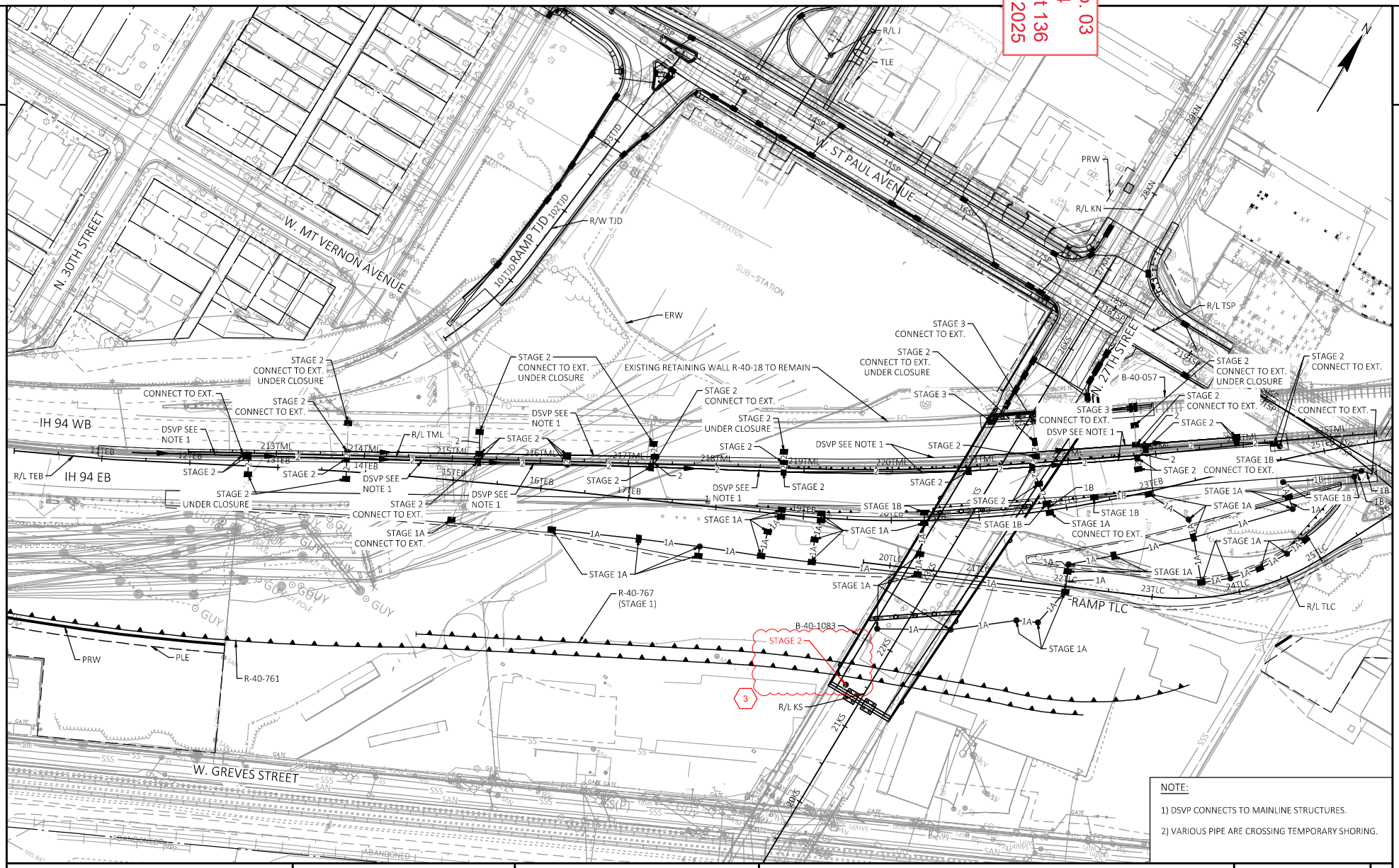


PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	EXISTING STORM SEWER REMOVALS: IH 94 TML	SHEET 134	E

FILE NAME : C:\USERS\BMDODGE\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\DRAINAGE\022502-SS-TML - REMOVALS.DWG
LAYOUT NAME - 05 - TML-REMOVALS
PLOT DATE : 9/2/2025 12:57 PM
PLOT BY : BRANDON DODGE, EIT
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 41

Addendum No. 03
ID 1060-27-74
Revised Sheet 136
September 4, 2025



NOTE:

1) DSVP CONNECTS TO MAINLINE STRUCTURES.

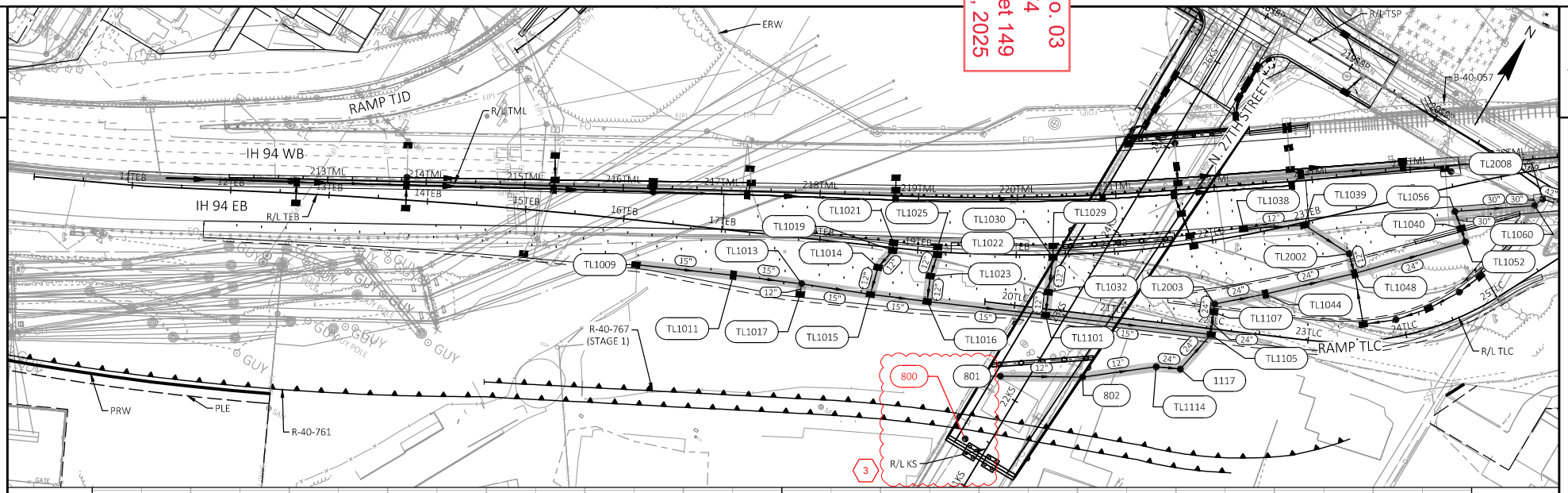
2) VARIOUS PIPE ARE CROSSING TEMPORARY SHORING.

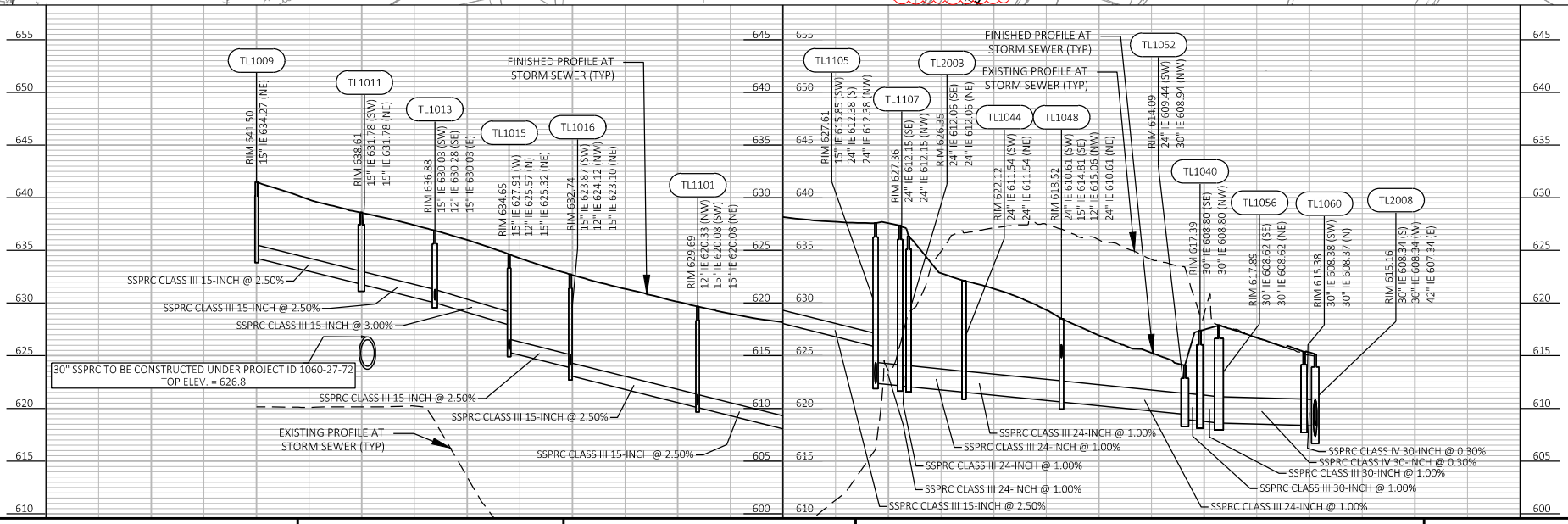
PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	STORM SEWER STAGING PLAN: IH 94 TML	SHEET 136	E

FILE NAME : C:\USERS\BMDODGE\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\DRAINAGE\022502-SS-TML - STAGINGPLAN.DWG PLOT DATE : 9/2/2025 1:33 PM PLOT BY : BRANDON DODGE, EIT PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 05 - TML-STAGING

WISDOT/CADDS SHEET 41

Addendum No. 03
ID 1060-27-74
Revised Sheet 149
September 4, 2025





PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	STORM SEWER PLAN AND PROFILE: IH 94 TEB	SHEET 149	E

FILE NAME : C:\USERS\BMDODGE\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\DRAINAGE\02505-SS-TML.DWG
LAYOUT NAME - 07 - TEB
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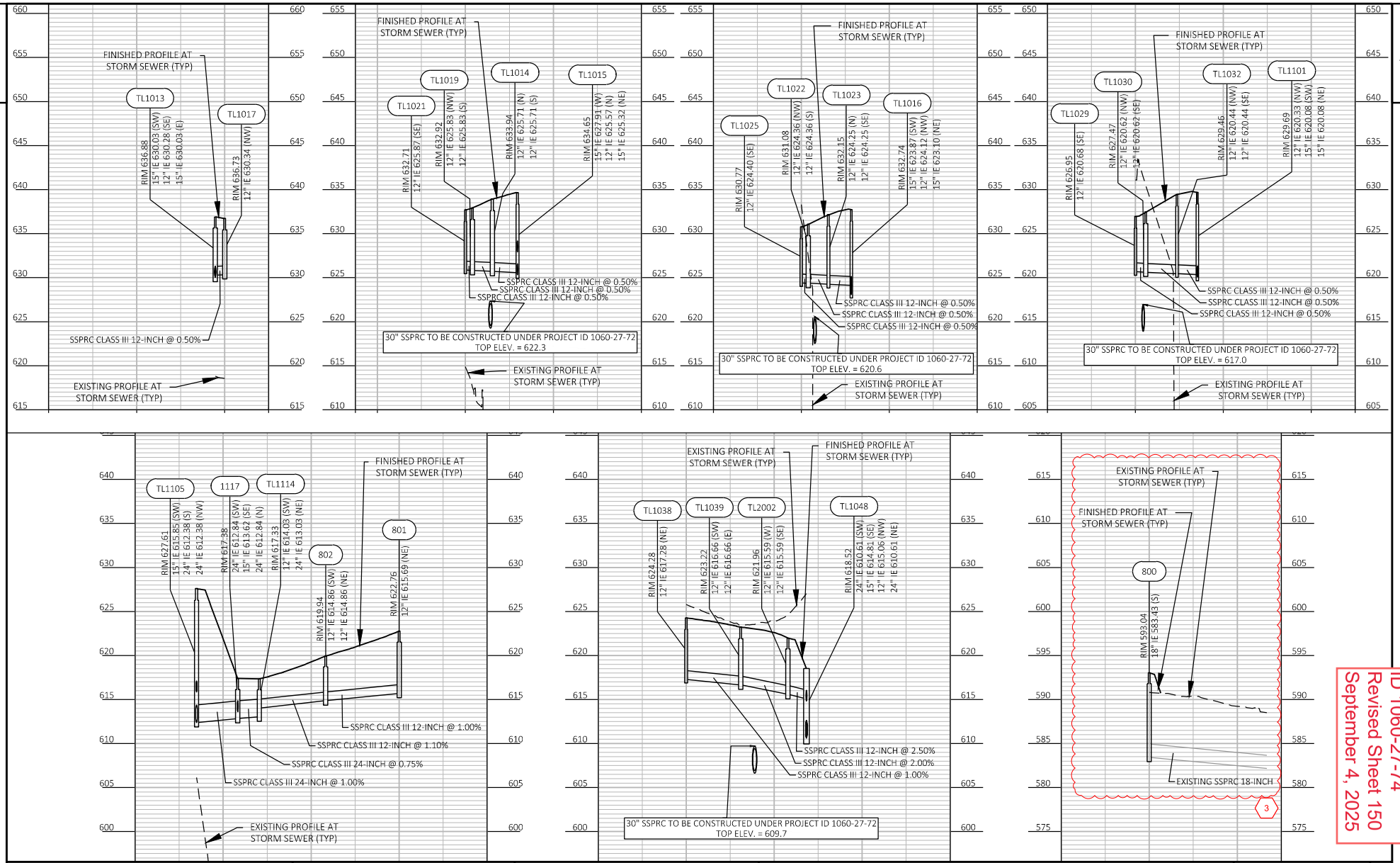
PLOT BY : BRANDON DODGE, EIT
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



Addendum No. 03
ID 1060-27-74
Revised Sheet 150
September 4, 2025

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	STORM SEWER PLAN AND PROFILE: IH 94 TEB	SHEET 150	E

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LAYOUT NAME - 07 - TEB LAT-1
PLOT DATE : 9/2/2025 1:19 PM
PLOT BY : BRANDON DODGE, EIT
PLOT NAME :
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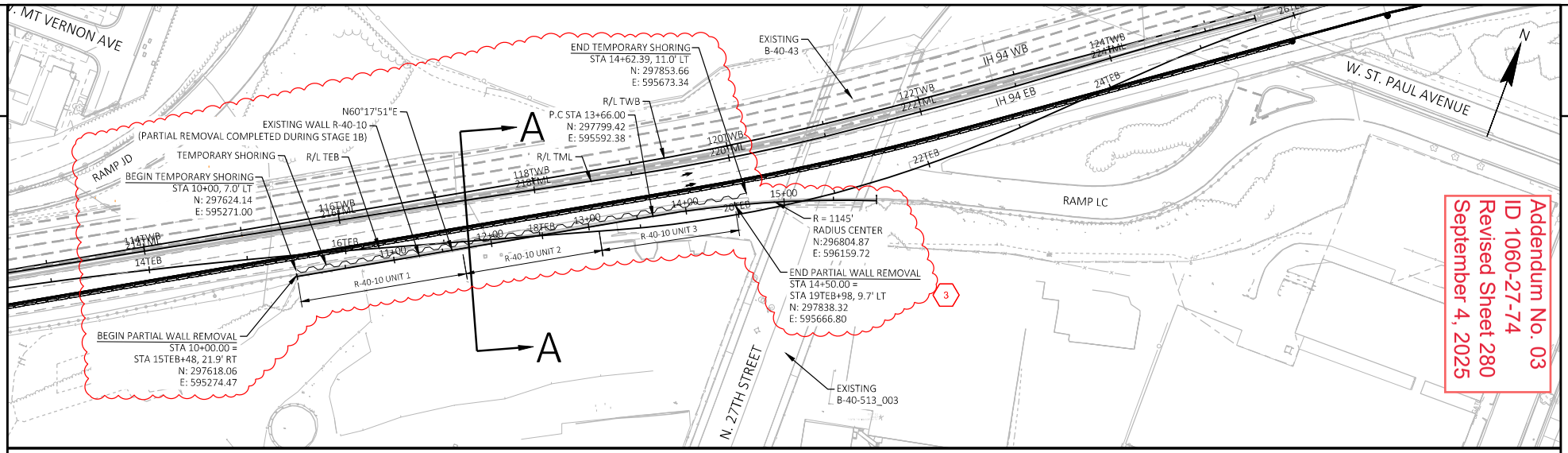
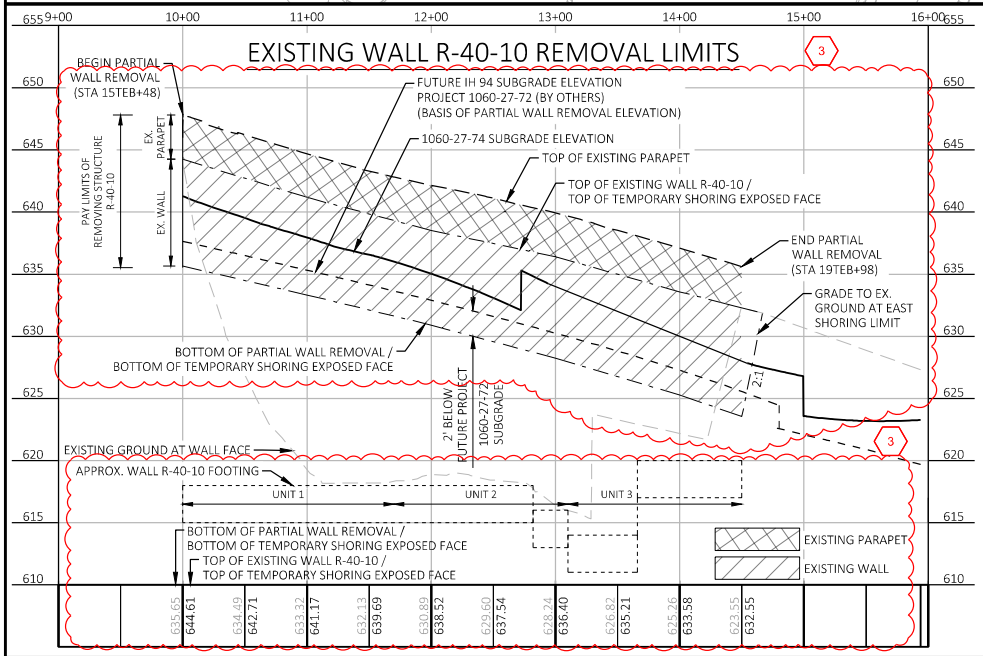
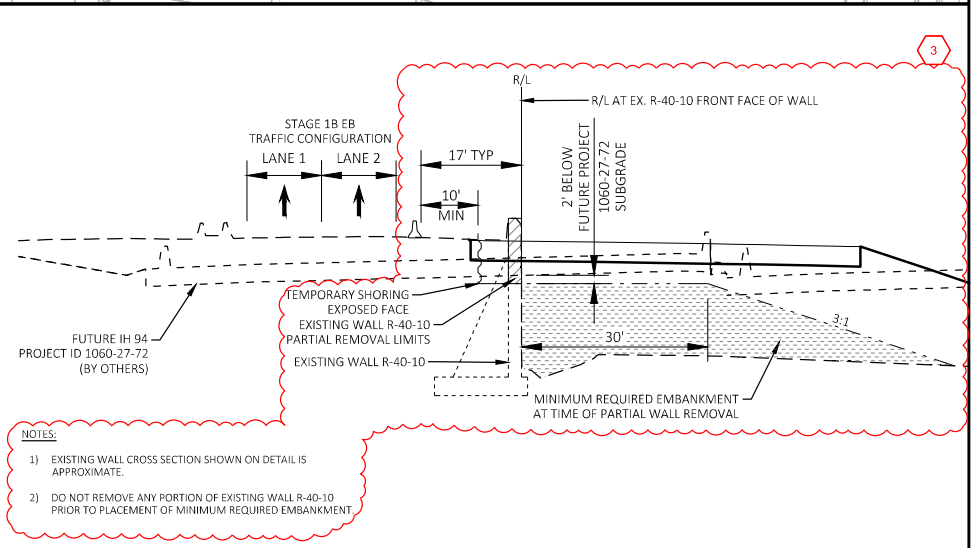






SECTION A-A

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	TRAFFIC CONTROL - TEMPORARY SHORING (EX. R-40-10 PARTIAL REMOVAL)	SHEET 280	E

FILE NAME : C:\USERS\PESCHEK\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\STAGING\10602709ELA-025064-TC.DWG
LAYOUT NAME - 01
PLOT DATE : 9/2/2025 10:54 AM
PLOT BY : PESCHEL, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

TEMPORARY SHORING LEFT-IN-PLACE ELEVATIONS

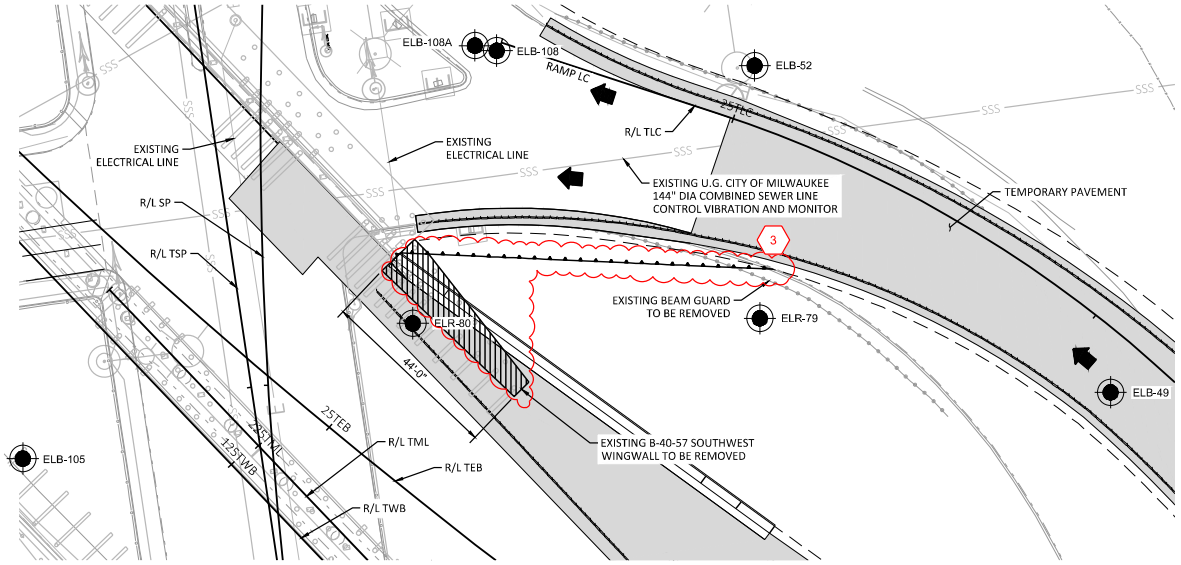
STATION	FINISHED GRADE ELEV	EXISTING GROUND ELEV
24+37.00	629.42	631.11
24+67.00	623.99	630.94
24+97.00	619.58	631.11
25+27.00	615.12	633.58
25+29.48	614.75	632.87

3

ALIGNMENT LAYOUT

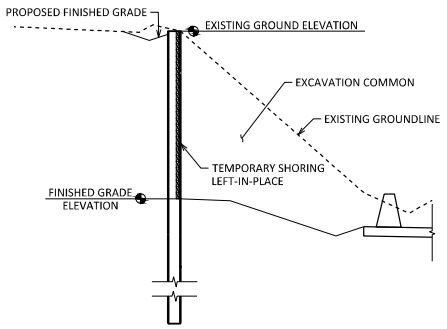
P.I. STATION	NORTHING	EASTING	DISTANCE	BEARING
24+37.00	298037.92	596077.72		
			90.15	N11°14'29.17"E
25+27.15	298126.35	596095.29		
			2.33	N35°11'49.73"E
25+29.48	298128.24	596093.95		

3



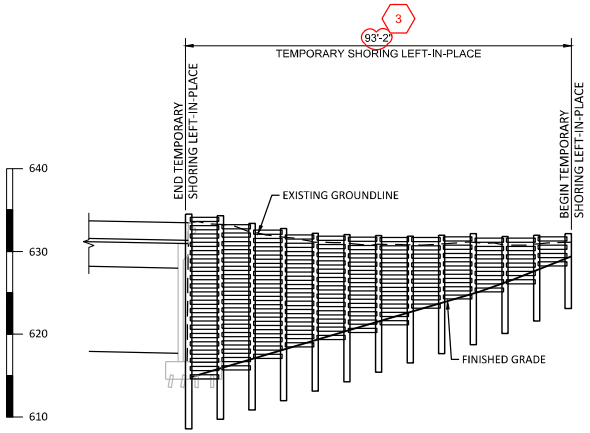
PLAN

STATIONS AND OFFSETS ARE GIVEN TO FRONT FACE OF TEMPORARY SHORING LEFT-IN-PLACE



TYPICAL SECTION

(LOOKING SOUTH)



ELEVATION

LOOKING EAST AT FRONT FACE OF TEMPORARY SHORING LEFT-IN-PLACE

NOTES:

TEMPORARY SHORING LEFT-IN-PLACE TO BE PAID UNDER BID ITEM 511.2200.0057 "TEMPORARY SHORING LEFT-IN-PLACE (B-40-57)"

WINGWALL REMOVAL TO BE PAID UNDER BID ITEM 203.0220 "REMOVING STRUCTURE (B-40-57)"

VIBRATION CONTROL AND MONITORING OF THE EXISTING CITY OF MILWAUKEE COMBINED SEWER LINE IS TO BE PAID UNDER BID ITEM SPV.0060.0200 "VIBRATION CONTROL AND MONITORING OF 122-INCH COMBINED SEWER"

SEE GEOTECHNICAL INVESTIGATION INFORMATION FOR SOIL BORING DATA

Addendum No. 03
ID 1060-27-74
Revised Sheet 281
September 4, 2025

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	TRAFFIC CONTROL - TEMPORARY SHORING (B-40-57)	SHEET 281	E

FILE NAME : C:\USERS\PESCHEK\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\10602709ELA-021009-CD.DWG
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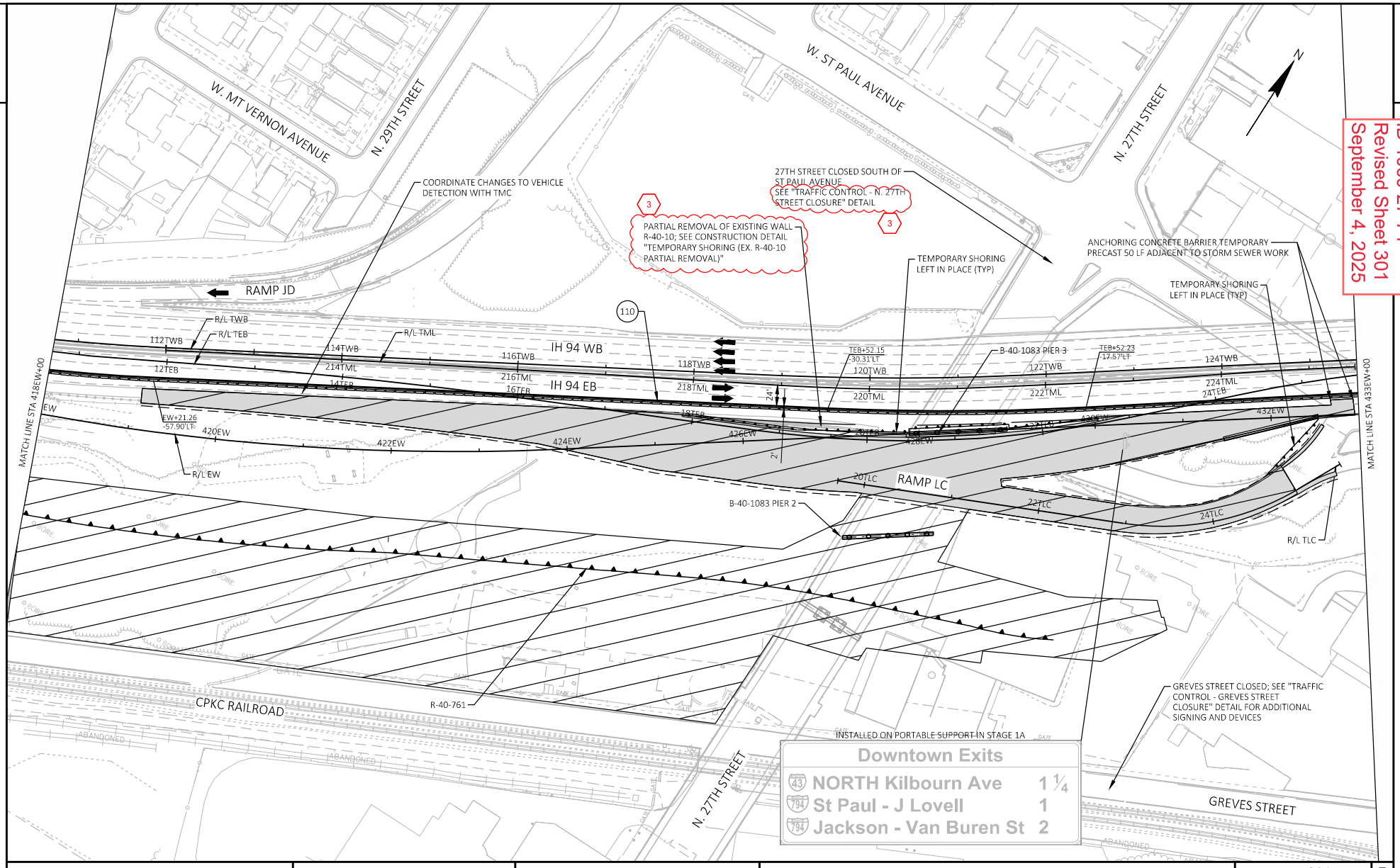
PLOT BY : PESCHEL, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:30 FT
WISDOT/CADDS SHEET 42



Addendum No. 03
ID 1060-27-74
Revised Sheet 301
September 4, 2025

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1B	SHEET 301	E

FILE NAME : C:\USERS\PESCHEK\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\02 TYPSANDDETAILS\STAGING\10602709ELA-026112-S1B.DWG
LAYOUT NAME - 01-EW-05
PLOT DATE : 9/2/2025 10:56 AM
PLOT BY : PESCHEL, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

3

CONCRETE CURB AND GUTTER AND NOSE ITEMS

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	601.0331 CONCRETE CURB & GUTTER 31-INCH LF	601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	601.0600 CONCRETE CURB PEDESTRIAN LF	620.0300 CONCRETE MEDIAN SLOPED NOSE TYPE 1 SF	620.0300 CONCRETE MEDIAN SLOPED NOSE TYPE 2 SF
3A-3B	**RAMPS**										
	RAMP JD	100TJD+73	-	103TJD+38	LT/RT	266	--	287	--	--	--
	LOCAL ROADS										
	W ST PAUL AVE	10SP+28	-	16SP+13	LT/RT	1508	--	--	14	141	48
	TEMPORAY ST PAUL AVE	218TSP+19	-	219TSP+38	RT	131	--	--	--	--	--
	28TH ST	10J+51	-	13J+05	LT/RT	576	--	--	--	--	--
	S 27TH ST	24KS+94	-	26KS+18	LT/RT	192	--	--	--	--	--
	SUBTOTAL					**2,673**	**0**	**287**	**14**		**189**
3C	**LOCAL ROADS**										
	W ST PAUL AVE	16SP+13	-	17SP+48	LT	153	22	--	--	--	--
	TEMPORAY ST PAUL AVE	218TSP+19	-	219TSP+38	LT	104	--	--	--	--	--
	N 27TH ST	26KN+96	-	27KN+50	LT/RT	93	--	--	42	--	--
	SUBTOTAL					**350**	**22**	**--**	**42**		**--**
	TOTALS					**3,023**	**22**	**287**	**56**		**189**

CONCRETE BARRIER TRANSITION ITEMS

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	SPV.0060.0108 CONCRETE BARRIER TRANSITION TYPE S1 EACH	SPV.0060.0109 CONCRETE BARRIER TRANSITION TYPE S2 EACH
1	**MAINLINE** 3						
	IH 94 EB	23TEB+99	-	25TEB+14	RT	--	1
	SUBTOTAL					--	1
3	**MAINLINE**						
	IH 94 WB	122TWB+39	-	122TWB+99	LT	1	--
	SUBTOTAL					1	--
	TOTALS					**1**	**1**

Addendum No. 03
ID 1060-27-74
Revised Sheet 377
September 4, 2025

CATEGORY 1000 UNLESS OTHERWISE NOTED

REMOVING MANHOLES

STAGE	ROADWAY	STATION	OFFSET	204.0210 REMOVING MANHOLES EACH
1A	MAINLINE RETAINING WALL R-40-761			
		419EW+92	136' RT	1
		419EW+90	230' RT	1
SUBTOTAL				2
1B	MAINLINE INTERIM 94EB			
		24TEB+64.45	32.55' RT	1
SUBTOTAL				1
2	MAINLINE INTERIM 94WB			
		115TWB+30.70	6.04' RT	1
SUBTOTAL				1
TOTAL				4

3

ABANDONING MANHOLES

STAGE	ROADWAY	STATION	OFFSET	204.0250 ABANDONING MANHOLES EACH	NOTES
1A	MAINLINE RETAINING WALL R-40-761				
		419EW+93	39' RT	1	FILL WITH BACKFILL SLURRY FROM THE STRUCTURE FLOOR TO THE RIM. BACKFILL SLURRY IS CONSIDERED INCIDENTAL TO ABANDONING THE STRUCTURE.
SUBTOTAL				1	
2	MAINLINE BRIDGE B-40-1083				
		22KS+47.99	12' LT	1	FILL WITH BACKFILL SLURRY FROM THE STRUCTURE FLOOR TO THE RIM. BACKFILL SLURRY IS CONSIDERED INCIDENTAL TO ABANDONING THE STRUCTURE.
		22KS+23.92	16' LT	1	FILL WITH BACKFILL SLURRY FROM THE STRUCTURE FLOOR TO THE RIM. BACKFILL SLURRY IS CONSIDERED INCIDENTAL TO ABANDONING THE STRUCTURE.
		22KS+03.84	21' LT	1	FILL WITH BACKFILL SLURRY FROM THE STRUCTURE FLOOR TO THE RIM. BACKFILL SLURRY IS CONSIDERED INCIDENTAL TO ABANDONING THE STRUCTURE.
SUBTOTAL				3	
TOTAL				4	

3

REMOVING INLETS

STAGE	ROADWAY	STATION	OFFSET	204.0220 REMOVING INLETS EACH
1A	MAINLINE INTERIM 94EB			
		14TEB+93.58	67.45' RT	1
		21TEB+86.74	32.68' RT	1
		22TEB+09.59	43.74' RT	1
		22TEB+59.51	40.84' RT	1
	SUBTOTAL			4
1B	MAINLINE TEMPORARY 94EB			
		217TML+46.43	39.78' RT	1
	SUBTOTAL			1
2	MAINLINE INTERIM 94WB			
		113TWB+80.11	6.10' RT	1
		113TWB+80.22	11.07' RT	1
		117TWB+18.14	6.28' RT	1
		117TWB+21.13	1.08' RT	1
		117TWB+29.96	1.06' RT	1
		117TWB+30.67	6.32' RT	1
		117TWB+31.29	11.52' RT	1
		120TWB+05.57	13.92' RT	1
		120TWB+14.66	11.45' RT	1
		121TWB+57.96	13.48' RT	1
		121TWB+62.61	0.15' LT	1
		121TWB+71.69	2.18' RT	1
		122TWB+77.47	6.24' RT	1
		124TWB+26.79	6.39' RT	1
		124TWB+33.75	12.13' RT	1
	SUBTOTAL			15
3	MAINLINE INTERIM 94WB			
		121TWB+62.59	41.44' LT	1
		122TWB+77.41	41.80' LT	1
	SUBTOTAL			2
3	RAMPS RAMP TJD			
		101TJD+17.28	16.36' RT	1
		102TJD+49.98	13.42' RT	1
		103TJD+52.90	22.87' RT	1
	SUBTOTAL			3
3	LOCAL ROADS ST. PAUL AVENUE			
		11SP+94.73	54.86' RT	1
		12SP+43.68	30.38' LT	1
		13SP+37.93	30.17' LT	1
		14SP+40.36	28.03' RT	1
		17SP+26.95	28.39' LT	1
		17SP+30.52	27.2' RT	1
	TEMPORARY ST. PAUL AVENUE			
		218+38.39	43.37' RT	1
		219+31.71	23.99' RT	1
	28TH STREET			
		10J+79.08	18.74' RT	1
		11J+52.31	44.13' LT	1
		11J+36.57	20.49' LT	1
	27TH STREET			
		25KS+09.04	28.97' LT	1
		27KN+10.93	23.76' LT	1
	SUBTOTAL			13
	TOTAL			38

* REMOVING COVER PLATE LEFT IN PLACE INCIDENTAL TO REMOVING INLET

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ID 1060-27-74
Revised Sheet 392
September 4, 2025

STORM SEWER PIPE REMOVALS

STAGE	ROADWAY	STATION	OFFSET	TO	STATION	OFFSET	204.0245.0001 REMOVING STORM SEWER 12-INCH LF	204.0245.0002 REMOVING STORM SEWER 15-INCH LF	204.0245.0003 REMOVING STORM SEWER 18-INCH LF	204.0245.0004 REMOVING STORM SEWER 21-INCH LF	204.0245.0005 REMOVING STORM SEWER 24-INCH LF	204.0245.0006 REMOVING STORM SEWER 27-INCH LF	204.0245.0007 REMOVING STORM SEWER 30-INCH LF
1A	MAINLINE												
	INTERIM 94EB												
		14TEB+93.58	67' RT	--	15TEB+01.75	45' RT	24	---	---	---	---	---	---
		21TEB+86.74	33' RT	--	21TEB+80.48	3' RT	30	---	---	---	---	---	---
		22TEB+09.59	44' RT	--	21TEB+86.74	33' RT	26	---	---	---	---	---	---
		22TEB+59.51	41' RT	--	22TEB+09.59	44' RT	52	---	---	---	---	---	---
	RETAINING WALL R-40-761												
		419EW+92	116' RT	--	419EW+92	136' RT	20	---	---	---	---	---	---
		419EW+92	136' RT	--	419EW-90	230' RT	94	---	---	---	---	---	---
	SUBTOTAL						246	--	--	--	--	--	--
1B	MAINLINE												
	TEMPORARY 94EB												
		21TEB+80.48	3' RT	--	21TEB+78.10	8' LT	11	---	---	---	---	---	---
		24TEB+64.45	33' RT	--	24TEB+60.47	22' RT	11	---	---	---	---	---	---
		25TEB+37.76	30' RT	--	25TEB+49.42	36' RT	---	---	---	---	---	---	13
	SUBTOTAL						22	--	--	--	--	--	13
2	MAINLINE												
	INTERIM 94WB												
		112TWB+62.24	5' RT	--	113TWB+80.11	6' RT	---	---	118	---	---	---	---
		113TWB+80.23	0' RT	--	113TWB+80.11	6' RT	6	---	---	---	---	---	---
		113TWB+80.22	11' RT	--	113TWB+80.11	6' RT	5	---	---	---	---	---	---
		113TWB+80.11	6' RT	--	115TWB+30.70	6' RT	---	---	---	151	---	---	---
		115TWB+30.44	25' LT	--	115TWB+30.70	6' RT	31	---	---	---	---	---	---
		115TWB+29.16	10' RT	--	115TWB+30.70	6' RT	4	---	---	---	---	---	---
		115TWB+30.70	6' RT	--	117TWB+30.67	6' RT	---	---	---	200	---	---	---
		117TWB+18.14	6' RT	--	117TWB+21.13	1' RT	6	---	---	---	---	---	---
		117TWB+21.13	1' RT	--	117TWB+30.67	6' RT	11	---	---	---	---	---	---
		117TWB+29.85	0' RT		117TWB+29.96	1' RT	1	---	---	---	---	---	---
		117TWB+29.96	1' RT		117TWB+30.67	6' RT	5	---	---	---	---	---	---
		117TWB+45.72	48' RT	--	117TWB+31.29	12' RT	40	---	---	---	---	---	---
		117TWB+31.29	12' RT	--	117TWB+30.67	6' RT	5	---	---	---	---	---	---
		117TWB+30.67	6' RT	--	120TWB+05.57	14' RT	---	---	---	---	275	---	---
		120TWB+14.66	11' RT	--	120TWB+05.57	14' RT	9	---	---	---	---	---	---
		120TWB+05.57	14' RT	--	121TWB+57.96	13' RT	---	---	---	---	153	---	---
		121TWB+62.60	12' LT	--	121TWB+62.61	0' LT	12	---	---	---	---	---	---
		121TWB+71.69	2' RT	--	121TWB+62.61	0' LT	9	---	---	---	---	---	---
		121TWB+62.61	0' LT	--	121TWB+57.96	13' RT	14	---	---	---	---	---	---
		121TWB+70.91	59' RT	--	121TWB+57.96	13' RT	48	---	---	---	---	---	---
		121TWB+57.96	13' RT	--	122TWB+77.47	6' RT	---	---	---	---	---	120	---
		122TWB+77.46	0' RT	--	122TWB+77.47	6' RT	6	---	---	---	---	---	---
		122TWB+77.47	6' RT	--	124TWB+33.75	12' RT	---	---	---	---	---	156	---
		124TWB+26.79	6' RT	--	124TWB+33.75	12' RT	9	---	---	---	---	---	---
		124TWB+33.75	12' RT	--	124TWB+39.89	14' RT	---	---	---	---	---	---	7
	SUBTOTAL						221	--	118	351	428	276	7
	SUBTOTAL						--	--	--	--	--	--	--

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ID 1060-27-74
Revised Sheet 393
September 4, 2025

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET 393	E

FILE NAME : C:\USERS\BMDODGE\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\DSGN\QTY\MQ\FINAL PSE\MQ-DRA.DWG
LAYOUT NAME - 02
PLOT DATE : 9/2/2025 11:39 AM PLOT BY : BRANDON DODGE, EIT PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 42

STORM SEWER PIPE REMOVALS

STAGE	ROADWAY	STATION	OFFSET	TO	STATION	OFFSET	204.0245.0001 REMOVING STORM SEWER 12-INCH LF	204.0245.0002 REMOVING STORM SEWER 15-INCH LF	204.0245.0003 REMOVING STORM SEWER 18-INCH LF	204.0245.0004 REMOVING STORM SEWER 21-INCH LF	204.0245.0005 REMOVING STORM SEWER 24-INCH LF	204.0245.0006 REMOVING STORM SEWER 27-INCH LF	204.0245.0007 REMOVING STORM SEWER 30-INCH LF
3	MAINLINE												
	INTERIM 94WB												
		121TWB+62.59	41' LT	--	121TWB+62.59	35' LT	6	---	---	---	---	---	---
		122TWB+77.32	44' LT	--	122TWB+77.41	42' LT	2	---	---	---	---	---	---
		122TWB+77.41	42' LT	--	122TWB+77.41	40' LT	1	---	---	---	---	---	---
	SUBTOTAL						9	--	--	--	--	--	--
3	RAMPS												
	RAMP TJD												
		103TJD+52.90	23' RT	--	102TJD+49.98	13' RT	103	---	---	---	---	---	---
		102TJD+49.98	13' RT	--	101TJD+17.28	16' RT	133	---	---	---	---	---	---
		101TJD+17.28	16' RT	--	100TJD+17.14	12' LT	104	---	---	---	---	---	---
	SUBTOTAL						340	--	--	--	--	--	--
3	LOCAL ROADS												
	ST. PAUL AVENUE												
		11SP+94.73	55' RT	--	12SP+19.77	5' RT	56	---	---	---	---	---	---
		12SP+43.68	30' LT	--	12SP+19.77	5' RT	43	---	---	---	---	---	---
		13SP+37.93	30' LT	--	13SP+28.76	5' RT	37	---	---	---	---	---	---
		14SP+40.36	28' RT	--	14SP+21.24	5' LT	38	---	---	---	---	---	---
		17SP+26.95	28' LT	--	17SP+25.75	5' LT	23	---	---	---	---	---	---
		17SP+30.52	28' RT	--	17SP+25.75	5' LT	33	---	---	---	---	---	---
	TEMPORARY ST. PAUL AVENUE												
		218TSP+38.39	43' RT	--	218TSP+18.63	7' LT	54	---	---	---	---	---	---
		219TSP+31.71	24' RT	--	219TSP+39.18	0' LT	25	---	---	---	---	---	---
	28TH STREET												
		10J+79.08	19' RT	--	10J+51.84	1' RT	33	---	---	---	---	---	---
		11J+52.31	44' LT	--	11J+36.57	20' LT	28	---	---	---	---	---	---
		11J+36.57	20' LT	--	11J+50.48	0' RT	25	---	---	---	---	---	---
	27TH STREET												
		25KS+08.04	30' LT	--	25KS+09.04	29' LT	---	1	---	---	---	---	---
		25KS+09.04	29' LT	--	25KS+66.86	5' LT	63	---	---	---	---	---	---
		27KN+10.93	24' LT	--	27KN+17.67	0' LT	25	---	---	---	---	---	---
	SUBTOTAL						483	1	--	--	--	--	--
	TOTALS						1,321	1	118	351	428	276	20

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ABANDONING SEWER

STAGE	ROADWAY	STATION	OFFSET	TO	STATION	OFFSET	PIPE ID INCH	INSIDE RADIUS LF	LENGTH LF	204.0291.S ABANDONING SEWER CY
1A	MAINLINE									
	RETAINING WALL R-40-761									
		419EW+93	39' RT	--	419EW+92	116' RT	12	0.5	76	2
		419EW+90	230' RT	--	420EW+06	266' RT	15	0.63	40	2
	SUBTOTAL									4
1B	MAINLINE									
	INTERIM 94EB									
		224TML+55.35	42' RT	--	224TML+34.88	4' RT	12	0.5	43	1
	SUBTOTAL									1
2	MAINLINE									
	BRIDGE B-40-1083									
		22KS+47.99	12' LT	--	22KS+23.92	16' LT	18	0.75	24	2
		22KS+23.92	16' LT	--	22KS+03.84	21' LT	18	0.75	21	1
		22KS+03.84	21' LT	--	21KS+40.83	23' LT	18	0.75	63	4
	SUBTOTAL									7
	TOTALS									12

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PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET 394	E

FILE NAME : C:\USERS\BMDODGE\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\DSGN\QTY\MQ\FINAL PSE\MQ-DRA.DWG
LAYOUT NAME - 03
PLOT DATE : 9/2/2025 11:39 AM PLOT BY : BRANDON DODGE, EIT PLOT NAME : PLOT SCALE : 1" = 1'

RECONNECT STORM SEWER

STAGE	ROADWAY	STRUCTURE ID	STATION	OFFSET	SPV.0060.8003 RECONNECT STORM SEWER EACH
1A	MAINLINE				
	TEMPORARY 94EB				
		1005	15TEB+01.75	45.06' RT	1
		1034	21TEB+80.48	2.94' RT	1
	SUBTOTAL				2
1B	MAINLINE				
	TEMPORARY 94EB				
		2008	22STML+31.70	41.41' RT	1
		E593	22STML+43.55	45.95' RT	1
	SUBTOTAL				2
2	MAINLINE				
	INTERIM 94WB				
		2001	21ZTML+62.27	2.46' RT	1
		3003	21ZTML+80.19	4.27' LT	1
		3003.1	21ZTML+80.45	36.81' LT	2
		3007.1	21STML+30.12	30.69' LT	1
		3008	21STML+29.21	3.57' RT	1
		3011	21ZTML+29.74	8.37' LT	1
		3011.1	11ZTWB+28.29	14.42' LT	2
		3018.1	22ITML+63.76	23.79' LT	1
		3030	22ZTML+78.54	34.39' LT	2
		3023	22ZTML+78.61	12.37' LT	1
	TEMPORARY 94EB				
		3032	22ATML+35.03	2.53' RT	1
		3034	22ATML+40.94	6.32' RT	1
	BRIDGE B-40-1038				
		800	21KS+40.83	23.39' LT	1
	SUBTOTAL				16
3	MAINLINE				
	INTERIM 94WB				
		3019	22ITML+63.75	47.56' LT	1
		3022.1	22ZTML+78.48	52.31' LT	1
		3022.2	22ZTML+78.40	56.19' LT	1
	SUBTOTAL				3

RECONNECT STORM SEWER

STAGE	ROADWAY	STRUCTURE ID	STATION	OFFSET	SPV.0060.8003 RECONNECT STORM SEWER EACH
3	RAMPS				
	RAMP TJD				
		E576	100TJD+17.24	11.46' LT	1
	SUBTOTAL				1
3	LOCAL ROADS				
	28TH STREET				
		205	10J+80.51	0.48' RT	2
		215	12J+11.91	0.69' RT	2
	ST. PAUL AVENUE				
		115	11SP+36.45	4.91' RT	2
		E506	12SP+19.77	5.32' RT	1
		135	13SP+12.24	5.19' RT	2
		E511	14SP+21.24	5.39' LT	2
		E514	15SP+21.59	5.53' LT	1
		E520	16SP+25.42	5.66' LT	2
		E523	17SP+25.75	5.38' LT	2
	TEMPORARY ST. PAUL AVENUE				
		E538	219TSP+03.90	6.72' LT	1
		E541	219TSP+14.77	3.024' RT	1
	27TH STREET				
		171	25KS+08.04	30' LT	1
		E553	25KS+66.86	4.87' LT	2
		E529	27KN+17.67	0.14' LT	2
	SUBTOTAL				23
	TOTAL				47

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September 4, 2025

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STORM SEWER STRUCTURES											STORM SEWER PIPES								
ROADWAY	STRUCTURE NO.	STRUCTURE STAGE	COVER STAGE	STATION	OFFSET (FT)	LOCATION	RIM ELEV	STRUCTURE TYPE	INLET/MANHOLE COVERS TYPE	STRUCTURE DEPTH (FT)	STRUCTURE COMMENTS	PIPE STAGE	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE	PLAN LENGTH (FT)	PIPE CLASS	PIPE SIZE (INCH)	PIPE COMMENTS
TML	731	1B	1064-27-72	223TML+11.35	55.00	RT	614.94*	MANHOLES 6-FT DIAMETER	NO COVER	8.40	VV-B COVER INSTALLED IN EAST LEG CONTRACT (1060-27-72)	---	—	---	–	---	---	—	---	---	---
KS	800	2	2	21KS+40.83	23.39	LT	593.04	MANHOLES 4-FT DIAMETER	58A	9.61	PIER 1 FLOOR DRAIN DOWNSPOUT CONNECTION	---	—	---	–	---	---	—	---	---	---
TLC	801	1A	2	19TLC+93.99	73.23	RT	622.76	MANHOLES 4-FT DIAMETER	J	7.06	3 PIER 2 FLOOR DRAIN DOWNSPOUT CONNECTION	1A	801	802	615.69	614.86	1.00 %	84	III	12	---
TLC	802	1A	2	20TLC+77.09	64.18	RT	619.94	MANHOLES 4-FT DIAMETER	J	5.08	PIER 2 FLOOR DRAIN DOWNSPOUT CONNECTION	1A	802	TL1114	614.86	614.03	1.10 %	75	III	12	---
TLC	1117	1A	1A	21TLC+74.50	44.35	RT	617.38	MANHOLES 4-FT DIAMETER	J	4.53	—	1A	1117	TL1105	612.84	612.38	1.00 %	47	III	24	---
KS	TL164	3	3	26KS+16.39	37.00	RT	651.78	CATCH BASINS 4-FT DIAMETER	MS 57	8.04	—	3	TL164	TL165	645.74	645.66	0.50 %	17	III	12	---
KS	TL165	3	3	25KS+99.61	37.00	RT	651.60	CATCH BASINS 4-FT DIAMETER	MS 57	7.94	—	3	TL165	TL167	645.66	645.62	0.50 %	7	III	12	---
KS	TL167	3	3	25KS+92.78	37.00	RT	651.54	CATCH BASINS 4-FT DIAMETER	MS 57	7.91	—	3	TL167	TL168	645.62	645.56	0.50 %	13	III	12	---
KS	TL168	3	3	25KS+80.16	37.00	RT	651.49	CATCH BASINS 4-FT DIAMETER	MS 57	7.93	—	3	TL168	173	645.56	645.42	0.75 %	19	III	12	---
TJD	TL312	3	3	102TJD+46.67	24.42	LT	664.29	INLETS 2x3-FT	HM	7.38	—	3	TL312	TL316	656.91	656.47	1.50 %	29	III	15	---
TJD	TL316	3	3	102TJD+17.64	23.00	LT	664.04	INLETS 4-FT DIAMETER	HM	7.57	—	3	TL316	TL320	656.47	656.18	1.50 %	19	III	15	---
TJD	TL320	3	3	101TJD+98.52	23.00	LT	663.90	INLETS 4-FT DIAMETER	HM	7.72	—	3	TL320	TL332	656.18	653.87	3.00 %	93	III	15	---
TJD	TL332	3	3	101TJD+04.22	23.00	LT	661.51	INLETS 2x3-FT	HM	7.64	—	3	TL332	E576	653.87	652.72	1.37 %	84	III	15	---
TEB	TL1005	1A	1A	15TEB+01.75	45.06	RT	645.71	INLETS 4-FT DIAMETER	V	12.04	—	---	—	---	–	–	---	---	—	---	---
TEB	TL1009	1A	1A	16TEB+17.18	45.06	RT	641.50	INLETS 2x2.5-FT	V	7.24	—	1A	TL1009	TL1011	634.27	631.78	2.50 %	99	III	15	---
TEB	TL1011	1A	1A	17TEB+16.65	45.06	RT	638.61	MANHOLES 5-FT DIAMETER	VV-B	6.83	—	1A	TL1011	TL1013	631.78	630.03	2.50 %	70	III	15	---
TEB	TL1013	1A	1A	17TEB+86.45	46.37	RT	636.88	MANHOLES 4-FT DIAMETER	J	6.85	—	1A	TL1013	TL1015	630.03	627.91	3.00 %	71	III	15	---
TEB	TL1014	1A	1A	18TEB+61.69	21.37	RT	633.94	INLETS 4-FT DIAMETER	V	8.23	—	1A	TL1014	TL1015	625.71	625.57	0.50 %	28	III	12	---
TEB	TL1015	1A	1A	18TEB+57.01	49.47	RT	634.65	INLETS 2x2.5-FT	V	9.33	—	1A	TL1015	TL1016	625.32	623.87	2.50 %	58	III	15	---
TEB	TL1016	1A	1A	19TEB+13.59	51.04	RT	632.74	INLETS 2x2.5-FT	V	9.64	—	1A	TL1016	TL1101	623.10	620.08	2.50 %	121	III	15	---
TEB	TL1017	1A	1A	17TEB+86.14	57.06	RT	636.73	INLETS 4-FT DIAMETER	V	6.39	—	1A	TL1017	TL1013	630.34	630.28	0.50 %	11	III	12	---
TEB	TL1019	1A	1A	18TEB+74.77	2.94	RT	632.92	INLETS 4-FT DIAMETER	V	7.10	—	1A	TL1019	TL1014	625.83	625.71	0.50 %	23	III	12	---
TEB	TL1021	1A	1A	18TEB+74.77	5.06	LT	632.71	INLETS 2x2.5-FT	V	6.84	—	1A	TL1021	TL1019	625.87	625.83	0.50 %	8	III	12	---
TEB	TL1022	1A	1A	19TEB+20.23	2.94	RT	631.08	INLETS 4-FT DIAMETER	V	6.72	—	1A	TL1022	TL1023	624.36	624.25	0.50 %	23	III	12	---
TEB	TL1023	1A	1A	19TEB+14.71	25.09	RT	632.15	INLETS 2x2.5-FT	V	7.90	—	1A	TL1023	TL1016	624.25	624.12	0.50 %	26	III	12	---
TEB	TL1025	1A	1A	19TEB+20.05	5.06	LT	630.77	INLETS 2x2.5-FT	V	6.37	—	1A	TL1025	TL1022	624.40	624.36	0.50 %	8	III	12	---
TEB	TL1029	1B	1B	20TEB+37.61	8.77	LT	626.95	INLETS 2x2.5-FT	V	6.27	—	1B	TL1029	TL1030	620.68	620.62	0.50 %	12	III	12	---
TEB	TL1030	1A	1A	20TEB+37.41	2.94	RT	627.47	INLETS 4-FT DIAMETER	V	7.07	—	1A	TL1030	TL1032	620.62	620.44	0.50 %	36	III	12	---
TEB	TL1032	1A	1A	20TEB+31.99	38.07	RT	629.46	INLETS 2x2.5-FT	V	9.26	—	1A	TL1032	TL1101	620.44	620.33	0.50 %	23	III	12	---
TEB	TL1034	1A	1A	21TEB+80.48	2.94	RT	625.32	INLETS 4-FT DIAMETER	V	7.27	PIER 3 FLOOR DRAIN DOWNSPOUT CONNECTION	1B	TL1034	TL1037	618.06	618.00	0.50 %	11	III	12	---
TEB	TL1037	1B	1B	21TEB+78.10	8.00	LT	624.85	INLETS 4-FT DIAMETER	V	6.85	—	2	TL1037	TL3021	618.00	617.88	0.50 %	24	III	12	---
TEB	TL1038	1B	1B	22TEB+33.13	6.22	LT	624.28	INLETS 2x2.5-FT	V	7.00	—	1B	TL1038	TL1039	617.28	616.66	1.00 %	62	III	12	---
TEB	TL1039	1A	1A	22TEB+94.50	2.94	RT	623.22	INLETS 4-FT DIAMETER	V	6.68	—	1A	TL1039	TL2002	616.66	615.59	2.00 %	54	III	12	---
TEB	TL1040	1A	1A	24TEB+48.76	42.84	RT	617.39	CATCH BASINS 5-FT DIAMETER	V	8.60	—	1A	TL1040	TL1056	608.80	608.62	1.00 %	18	III	30	---
TEB	TL1044	1A	1A	22TEB+42.44	63.00	RT	622.12	INLETS MEDIAN 2 GRATE	2G-MS	10.58	—	1A	TL1044	TL1048	611.54	610.61	1.00 %	93	III	24	---
TEB	TL1048	1A	1A	23TEB+32.50	62.50	RT	618.52	INLETS MEDIAN 2 GRATE	2G-MS	7.91	—	1A	TL1048	TL1052	610.61	609.44	1.00 %	117	III	24	---
TEB	TL1052	1A	1A	24TEB+50.00	57.11	RT	614.09	MANHOLES 6-FT DIAMETER	C	5.15	—	1A	TL1052	TL1040	608.94	608.80	1.00 %	14	III	30	---
TEB	TL1056	1B	1B	24TEB+46.29	24.98	RT	617.89	MANHOLES 7-FT DIAMETER	J	9.27	—	1B	TL1056	TL1060	608.62	608.38	0.30 %	81	IV	30	LESS THAN 2' COVER FROM TEB SUBGRADE
TEB	TL1060	1B	1B	25TEB+28.21	34.93	RT	615.38	MANHOLES 5-FT DIAMETER	J	7.00	—	1B	TL1060	TL2008	608.38	608.34	0.30 %	11	IV	30	LESS THAN 2' COVER FROM TEB SUBGRADE
TLC	TL1101	1A	1A	20TLC+32.44	6.06	RT	629.69	INLETS 2x2.5-FT	V	9.61	—	1A	TL1101	TL1105	620.08	615.85	2.50 %	169	III	15	---
TLC	TL1105	1A	1A	22TLC+01.38	6.06	RT	627.61	INLETS 4-FT DIAMETER	V	15.23	—	1A	TL1105	TL1107	612.38	612.15	1.00 %	23	III	24	---
TLC	TL1107	1A	1A	22TLC+01.38	17.06	LT	627.36	INLETS 4-FT DIAMETER	V	15.22	—	1A	TL1107	TL2003	612.15	612.06	1.00 %	8	III	24	---
TLC	TL1109	1A	1A	23TLC+57.40	17.06	LT	628.51	INLETS 2x2.5-FT	V	11.61	—	1A	TL1109	TL1048	616.90	614.81	4.00 %	52	III	15	---
TLC	TL1112	1A	1A	24TLC+30.21	19.57	LT	630.00	INLETS 2x2.5-FT	V	7.10	—	1A	TL1112	TL2004	622.90	622.02	2.50 %	35	III	15	---
TLC	TL1113	1A	1A	24TLC+96.90	27.31	LT	631.27	INLETS 2x2.5-FT	V	6.69	—	1A	TL1113	TL2005	624.59	623.78	3.00 %	27	III	15	---
TLC	TL1114	1A	1A	21TLC+50.00	44.91	RT	617.33	MANHOLES 4-FT DIAMETER	C	4.30	—	1A	TL1114	1117	613.03	612.85	1.00 %	25	III	24	---
TML	TL2001	2	2	212TML+62.27	2.46	RT	652.81	MANHOLES 4-FT DIAMETER	J	9.15	—	2	TL2001	TL3000	643.66	643.36	4.81 %	6	III	18	---
TEB	TL2002	1A	1A	23TEB+31.86	41.49	RT	621.96	MANHOLES 4-FT DIAMETER	J	6.38	—	1A	TL2002	TL1048	615.59	615.06	2.50 %	21	III	12	---
TEB	TL2003	1A	1A	21TEB+92.55	64.18	RT	626.35	MANHOLES 4-FT DIAMETER	J	14.28	—	1A	TL2003	TL1044	612.06	611.54	1.00 %	52	III	24	---
TLC	TL2004	1A	1A	23TLC+92.83	17.24	LT	629.29	MANHOLES 4-FT DIAMETER	J	7.26	—	1A	TL2004	TL1109	622.02	621.52	1.50 %	33	III	15	---
TLC	TL2005	1A	1A	24TLC+67.87	23.35	LT	630.60	MANHOLES 4-FT DIAMETER	J	6.82	—	1A	TL2005	TL1112	623.78	622.90	2.50 %	35	III	15	---
TML	TL2008	1B	1B	225TML+31.70	41.41	RT	615.16	MANHOLES 6-FT DIAMETER	J	7.82	—	1B	TL2008	E593	607.34	607.32	0.20 %	13	IV	42	LESS THAN 2' COVER FROM TEB SUBGRADE
TML	TL3000	2	2	212TML+68.63	3.30	RT	652.72	MANHOLES 5-FT DIAMETER	VV-B	9.37	—	2	TL3000	TL3004	643.36	637.99	4.81 %	111	III	18	---
TML	TL3001	2	2	212TML+68.19	24.43	RT	653.55	INLETS 2x2.5-FT	V	7.14	CONSTRUCT UNDER CLOSURE	2	TL3001	TL3000	646.40	646.30	0.50 %	21	III	12	---
TML	TL3003	2	2	213TML+80.19	4.27	LT	649.86	MANHOLES 4-FT DIAMETER	J	9.76	—	2	TL3003	TL3004	640.10	639.94	2.00 %	8	III	12	---
TML	TL3003.1	2	2	213TML+80.45	36.81	LT	649.16	INLETS 2x2.5-FT	V	5.36	—	---	—	---	–	–	---	---	—	---	---
TML	TL3004	2	2	213TML+80.12	3.41	RT	649.98	MANHOLES 5-FT DIAMETER	VV-B	12.49	—	2	TL3004	TL3008	637.49	632.64	3.25 %	149	III	24	---

*TOP OF SLAB ELEVATION

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET 399	E

EMERGENCY PAVEMENT REPAIR ITEMS

STAGE	LOCATION	* 204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	* 390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0201 BASE PATCHING ASPHALTIC TON	* 416.0610 DRILLED TIE BARS EACH	* 416.0620 DRILLED DOWEL BARS EACH	416.1715 CONCRETE PAVEMENT REPAIR SHES SY	416.1725 CONCRETE PAVEMENT REPLACEMENT SHES SY	450.1100.S ASPHALTIC MIXTURE FOR EXTREME CONDITIONS TON	* 455.0605 TACK COAT GAL	* 460.6224 HMA PAVEMENT 4 MT 58-28 S TON	* 465.0125 ASPHALTIC SURFACE TEMPORARY TON	495.1000.S COLD PATCH TON	* 690.0105 SAWING ASPHALT LF	* 690.0250 SAWING CONCRETE LF	SPV.0060.0556 EMERGENCY RESPONSE TO PAVEMENT REPAIR EACH	SPV.0195.0443 HMA LONGITUDINAL JOINT REPAIR TON	SPV.0195.0444 HMA TRANSVERSE JOINT REPAIR TON
ALL	PROJECT 1060-27-74	1000	2,500	500	100	370	230	360	10	50	1,070	500	200	100	3,200	550	10	50	25
	TOTALS	1,000	2,500	500	100	370	230	360	10	50	1,070	500	200	100	3,200	550	10	50	25

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TEMPORARY SHORING ITEMS

STAGE	LOCATION	STATION	TO	STATION	OFFSET	511.1200.0010 TEMPORARY SHORING (R-40-10) SF	511.2200.0057 TEMPORARY SHORING LEFT IN PLACE (B-40-57) SF	511.2300.0001 TEMPORARY SHORING LEFT IN PLACE (IH 94 EB) SF	511.2300.0002 TEMPORARY SHORING LEFT IN PLACE (IH 94 WB) SF
1	IH 94 EB	15TEB+48	-	20TEB+12	RT	4,000	--	--	--
1	IH 94 EB	17TEB+90	-	22TEB+64	RT	--	--	3,300	--
1	RAMP LC	24TEB+30	-	25TEB+11	RT	--	1,000	--	--
4	IH 94 WB	218TWB+75	-	222TWB+57	RT	--	--	--	900
					TOTALS	4,000	1,000	3,300	900

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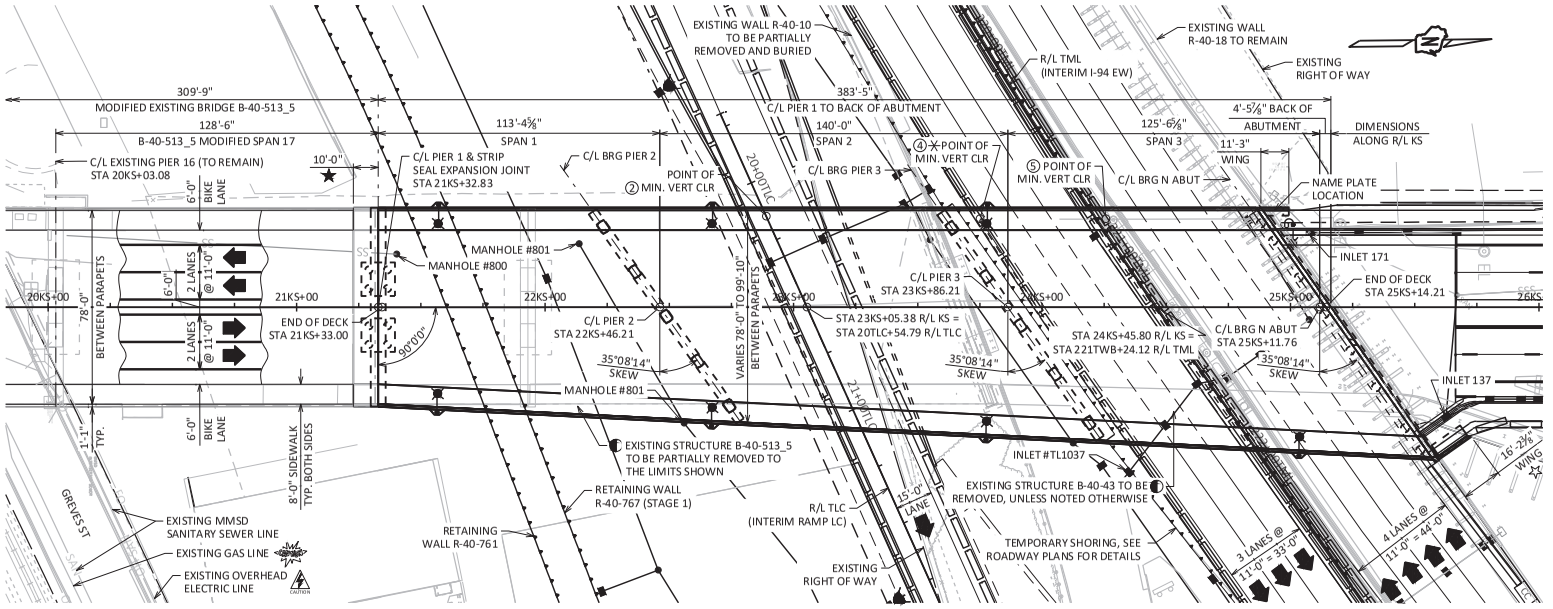
Addendum No. 03
ID 1060-27-74
Revised Sheet 404
September 4, 2025

CATEGORY 1000 UNLESS OTHERWISE NOTED

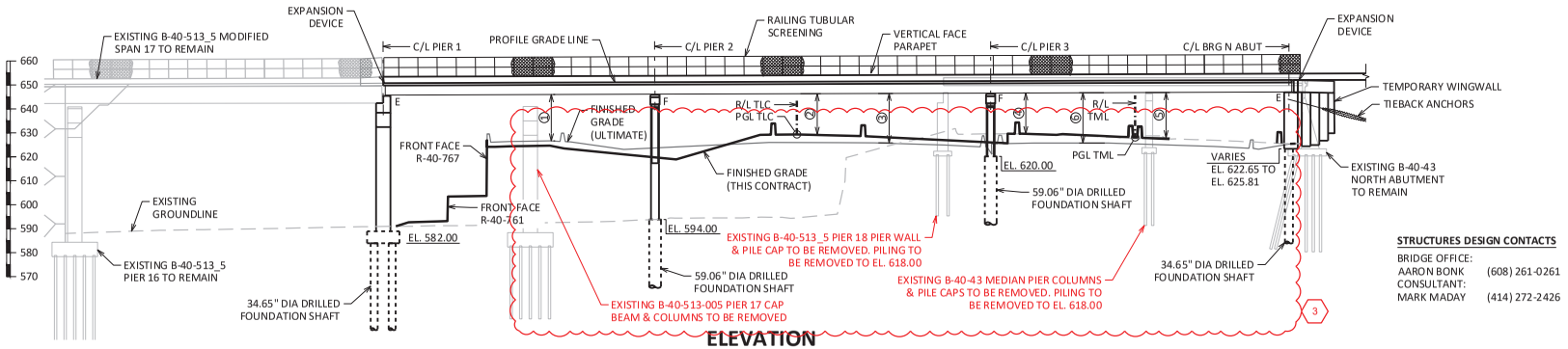
STATE PROJECT NUMBER

1060-27-74



PLAN

3-SPAN STEEL PLATE GIRDER, 48-INCH WEB DEPTH



ELEVATION

LOOKING WEST

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
AARON BONK (608) 261-0261
CONSULTANT:
MARK MADAY (414) 272-2426

LEGEND

- ◐ EXISTING STRUCTURE B-40-43 IS A 2-SPAN STEEL GIRDER BRIDGE AND EXISTING STRUCTURE B-40-513_5 IS A 3-SPAN STEEL GIRDER BRIDGE. PLANS OF THE EXISTING BRIDGES ARE AVAILABLE FOR REVIEW AT WISDOT SE REGION OFFICE, 141 NW BARSTOW STREET, WAUKESHA, WI, OR THROUGH THE WISDOT STRUCTURES WEBSITE.
- ➡ INDICATES ROADWAY LANE LOCATIONS AND DIRECTION OF TRAVEL AT THE CONCLUSION OF THIS CONTRACT
- ✳ INTERIM MINIMUM VERTICAL CLEARANCE AT THE CONCLUSION OF THIS CONTRACT
  ULTIMATE MINIMUM VERTICAL CLEARANCE AT THE CONCLUSION OF FUTURE CONTRACT 1060-27-72
- ☆ TEMPORARY WINGWALL, MOMENT SLAB, AND PARAPET TO BE PARTIALLY REMOVED IN FUTURE CONTRACT 1060-27-72 TO ALLOW FOR CONSTRUCTION OF THE ULTIMATE 27TH STREET PAVEMENT LIMITS
- ★ LIMITS OF NEW DECK, SIDEWALK, PARAPET AND EXPANSION JOINT. SEE B-40-513_5 REHABILITATION PLAN FOR DETAILS

MINIMUM VERTICAL CLEARANCES

POINT	LOCATION	INTERIM/ULTIMATE ✳	VERT. CLR.
1	RAMP LC	ULTIMATE	16'-9"
2	RAMP LC	INTERIM	14'-8"
3	I-94 EB	ULTIMATE	17'-9"
4	I-94 EB	INTERIM	15'-3"
5	I-94 WB	INTERIM	16'-3"
6	I-94 WB	ULTIMATE	17'-4"

JLR
09/03/2025

WISCONSIN
MARK A. MADAY
E-25925
MILWAUKEE
WI
9/2/2025
PROFESSIONAL ENGINEER

Addendum No. 03
ID 1060-27-74
Revised Sheet 763
September 4, 2025

LIST OF DRAWINGS

NO.	DATE	REVISION	BY
1	8/28/25	EXISTING BRIDGE REMOVAL NOTES	MAM

Jacobs

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-40-1083

27TH ST OVER RAMP LC AND IH 94

COUNTY: MILWAUKEE — ~~TOWN/CITY/VILLAGE~~: MILWAUKEE

DESIGN SPEC.: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGNED CK'D	DRAWN BY	DRAWN CK'D	PLANS
TMH	MAM	TMH	MAM	

GENERAL PLAN & ELEVATION

SHEET 1 OF 62

763

SCALE = 1:50

I.D. 1060-27-03 DATE: 05/01/2025

Addendum No. 03
ID 1060-27-74
Revised Sheet 829
September 4, 2025

STATE PROJECT NUMBER
1060-27-74

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

REFER TO SPECIAL PROVISIONS FOR INTERIM COMPLETION DATES.

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

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

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

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

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

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

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

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

SOLDIER PILE WALL NOTES

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

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

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

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

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

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

MSE WALL NOTES

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

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

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

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

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

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

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

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

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

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

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

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

DESIGN DATA

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

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

MATERIAL PROPERTIES:
CONCRETE MASONRY:
CONCRETE MASONRY RETAINING WALL ____ f'c = 4,000 PSI
PRECAST CONCRETE WALL PANELS ____ f'c = 4,000 PSI
CONCRETE MASONRY SOLDIER PILE FOOTINGS ____ f'c = 3,500 PSI
BAR STEEL REINFORCEMENT:
GRADE 60 ____ fy = 60,000 PSI
HIGH STRENGTH STRUCTURAL STEEL:
ASTM A709, GRADE 50 ____ fy = 50,000 PSI
TIMBER LAGGING fbo = 1,200 PSI
E = 1,700,000 PSI

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

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

HORIZONTAL CURVE DATA

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

ESTIMATE OF QUANTITIES

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

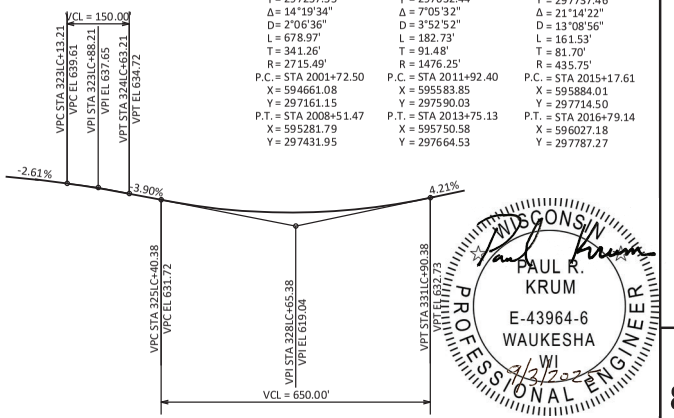
ALL ITEMS ARE CATEGORY 3000

2

WALL EXTERNAL STABILITY EVALUATION

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

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



JLR
09/03/2025

SOIL PARAMETERS

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

PROFILE GRADE LINE - LC

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

WISCONSIN
PAUL R. KRUM
E-43964-6
WAUKESHA
WI
PROFESSIONAL ENGINEER
4/21/2025

NO.	DATE	REVISION	BY
1	9/3/25	DELETE MSE WALL NOTE	PRK
1	8/19/25	TIMBER LAGGING QUANTITY	PRK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-40-761

DRAWN BY MTZ | PLANS CK'D PRK

GENERAL NOTES, QUANTITIES & PROFILE GRADE LINES

SHEET 5 OF 38

829

SCALE = N/A

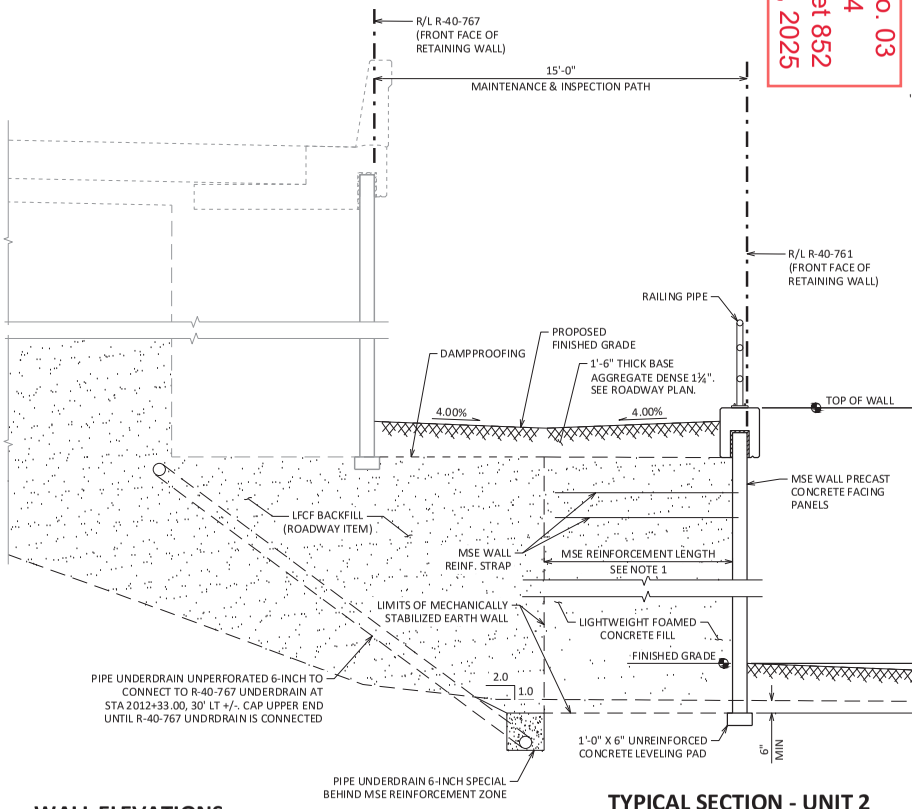
8

8

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

Addendum No. 03
ID 1060-27-74
Revised Sheet 852
September 4, 2025

STATE PROJECT NUMBER
1060-27-74

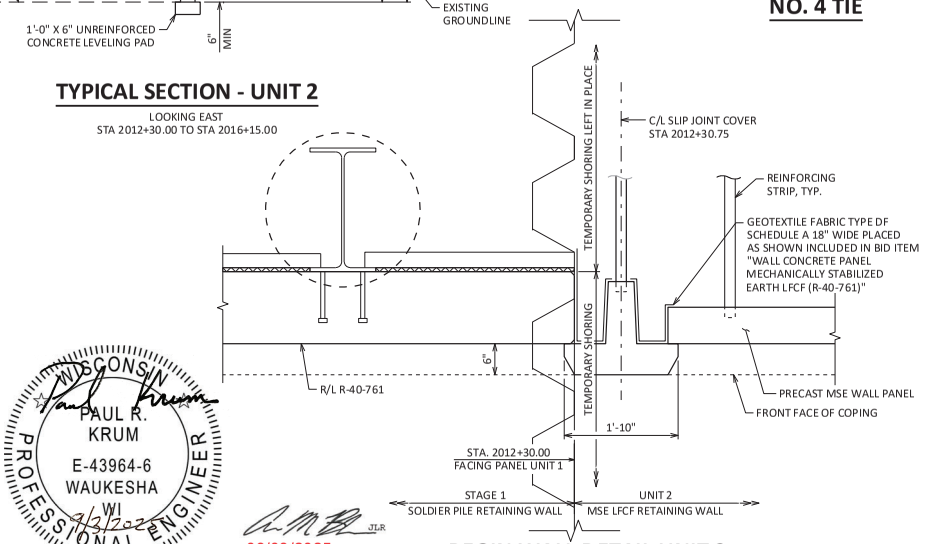


TYPICAL SECTION - UNIT 2

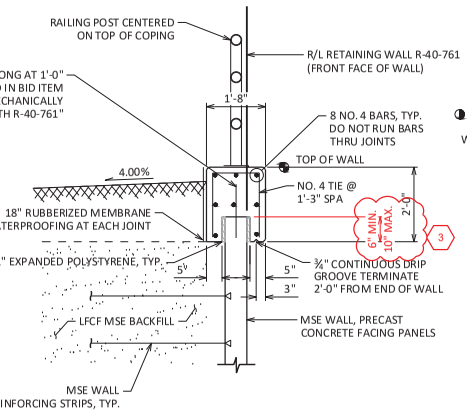
LOOKING EAST
STA 2012+30.00 TO STA 2016+15.00

WALL ELEVATIONS

PANEL LENGTH (FT)	STATION	TOP OF WALL	APPROXIMATE EXISTING GROUND	FINISHED GRADE AT WALL FACE
	2012+30.00	611.10	600.83	594.48
25	2012+55.00	609.87	596.21	594.25
30	2012+85.00	608.40	592.84	593.97
30	2013+15.00	606.93	590.81	593.68
30	2013+45.00	605.46	590.98	593.40
30	2013+75.00	603.99	591.26	593.12
30	2014+05.00	602.52	591.59	592.84
30	2014+35.00	601.05	591.89	592.56
30	2014+65.00	600.95	593.32	592.76
30	2014+95.00	600.86	593.48	592.99
30	2015+25.00	600.76	593.29	593.23
30	2015+55.00	600.67	593.08	594.48
30	2015+85.00	600.58	592.87	597.48
30	2016+15.00	600.48	592.65	600.48

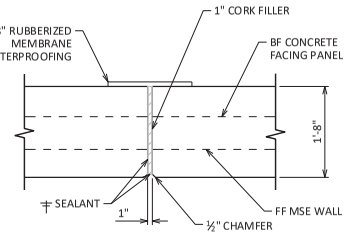


BEGIN WALL DETAIL UNIT 2



COPING SECTION DETAIL

(LOOKING EAST)



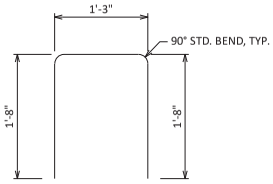
COPING EXPANSION JOINT

DO NOT RUN BAR STEEL THRU JOINT.
SEE GENERAL PLAN & ELEVATION SHEET FOR JOINT LOCATIONS.

LEGEND

◑ MEMBRANE WATERPROOFING TO EXTEND FROM TOP TO BOTTOM OF COPING.

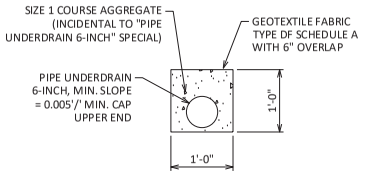
⫩ SEAL ALL EXPOSED HORIZONTAL & VERTICAL SURFACES OF FILLER WITH NON-STAINING, NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONCRETE).



NO. 4 TIE

NOTES:

1. SEE WALL EXTERNAL STABILITY EVALUATION TABLE ON SHEET 5 FOR MINIMUM LENGTH OF MSE WALL REINFORCEMENT STRIPS.
2. SOIL REINFORCEMENT MUST EXTEND A MINIMUM OF 3.0 FEET BEYOND THE FAILURE PLANE FOR INTERNAL STABILITY AS DEFINED BY AASHTO SPECIFICATIONS.
3. LINEARLY INTERPOLATE WALL ELEVATIONS BETWEEN STATIONS.



PIPE UNDERDRAIN 6-INCH SPECIAL DETAIL

WISCONSIN
PAUL R. KRUM
E-43964-6
WAUKESHA
WI
PROFESSIONAL ENGINEER
7/31/2025

JLR
09/03/2025

NO.	DATE	REVISION	BY
1	9/3/25	MSE PANEL EMBEDMENT	PRK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-40-761-002

DRAWN BY: GLM | PLANS CK'D: PRK

UNIT 2 TYP. WALL SECTIONS, DETAILS & ELEVATION TABLE

SHEET 28 OF 38

852

SCALE = VARIES

8

8

FILE NAME : C:\USERS\ZIEGLEM2\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\STRUCTURES_SCRATCH\ZIEGLER\R0761_080528_TS.DWG
LAYOUT NAME - SHT_28

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

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

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

NAME PLATE TO BE INSTALLED IN STAGE 2 (FUTURE CONTRACT 1060-27-72).

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

3

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

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED CONCRETE WALL PANEL THICKNESS OF 7 INCHES. FOR PANEL THICKNESS DIFFERENT THAN 7 INCHES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

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

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

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 LFCF (R-40-767)".

THE COST OF FURNISHING AND PLACING THE UNREINFORCED CONCRETE LEVELING PAD UNDER THE MSE PRECAST WALL PANELS IS INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF (R-40-767)".

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 LFCF (R-40-767)". SEE WALL EXCAVATION LIMITS DIAGRAM ON SHEET 8 FOR DETAILS.

THE PLAN QUANTITY FOR THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF (R-40-767)" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF THE LEVELING PAD TO THE TOP OF PANEL AS SHOWN IN THE PLANS. THE TOP OF LEVELING PAD IS ASSUMED TO BE 1'-6" BELOW FINISHED GRADE FROM STA 1000+00.00 TO STA 1007+40.00 AND 6" BELOW EXISTING GROUND FROM STA 1007+40.00 TO STA 1008+85.00. WALL 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 CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

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

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

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

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

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

THIS CONTRACT COVERS STAGE 1 CONSTRUCTION OF R-40-767. STAGE 2 WILL BE CONSTRUCTED IN FUTURE PROJECT ID 1060-27-72.

SEE R-40-761 PLANS FOR WALL INSTRUMENTATION DETAILS AND NOTES.

R-40-767 CONSTRUCTION SHALL NOT COMMENCE UNTIL THE R-40-761 (UNIT1) CAST IN PLACE CONCRETE FACING HAS BEEN PLACED AND HAS REACHED DESIGN STRENGTH.

WALL EXTERNAL STABILITY EVALUATION

WALL DIMENSIONS				
R/L RETAINING WALL STATION	1000+49	1004+00 [1]	1007+50 [1]	1008+85
DESIGN WALL HEIGHT (FT)	26.5	21.0	29.0	36.0
DESIGN EXPOSED WALL HEIGHT (FT)	24.5	19.0	27.0	29.0
REINFORCEMENT RATIO	0.70H	0.70H	0.9H	0.9H
WALL STATION	1000+00 TO 1003+80	1003+80 TO 1006+40	1006+40 TO 1007+64	1007+64 TO 1008+85
BORING USED	REFER TO GEOTECHNICAL REPORT			
CAPACITY TO DEMAND RATIO (CDR)				
SLIDING [3]	1.32	1.12	1.24	1.26
ECCENTRICITY [3]	1.09	1.29	1.47	2.65
BEARING [3]	1.47	3.25	3.78	1.08
GLOBAL STABILITY [3]	1.01	1.00	NP [2]	1.06
FACTORED BEARING RESISTANCE (KSF)	5,400	2,800	3,000	3,600

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

ESTIMATE OF QUANTITIES

ITEM NO.	BID ITEMS	UNIT	TOTAL
516.0100	DAMPPROOFING	SY	6,800
SPV.0060.4810	RETAINING WALL INSTRUMENTATION	EACH	1
SPV.0090.0260	PIPE UNDERDRAIN 6-INCH SPECIAL	LF	885
SPV.0165.4100	TEMPORARY WALL WIRE FACED MECHANICALLY STABILIZED EARTH LFCF (R-40-767)	SF	1,895
SPV.0165.4767	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFCF (R-40-767)	SF	21,190

ALL ITEMS ARE CATEGORY 3010

SOIL PARAMETERS

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

MSE WALL SOIL PARAMETERS

TYPE	DRY UNIT WEIGHT (PCF)	MINIMUM UNCONFINED COMPRESSIVE STRENGTH AT 28 DAYS (PSI)
LFCF GRADE 1	30 - 34	70
LFCF GRADE 2 (TOP 3 FEET)	40 - 46	120

DESIGN DATA

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

LIVE LOAD:
LIVE LOAD SURCHARGE (ROADWAY) _____ 240 PSF

MATERIAL PROPERTIES:
CONCRETE MASONRY RETAINING WALL ___ f'c = 4,000 PSI
PRECAST CONCRETE WALL PANELS _____ f'c = 4,000 PSI
BAR STEEL REINFORCEMENT _____ Fy = 60,000 PSI

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

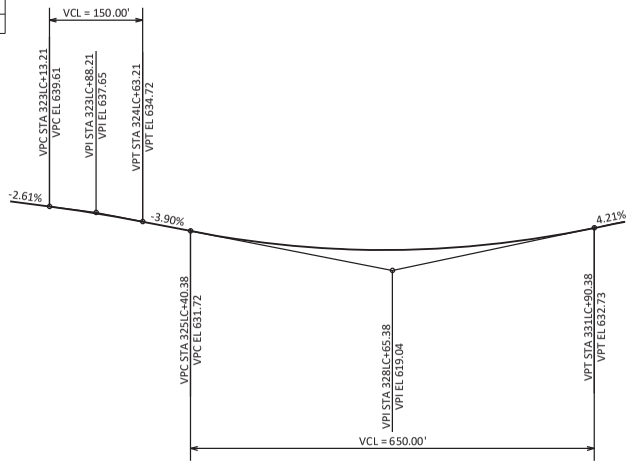
JLR
09/03/2025

Addendum No. 03
ID 1060-27-74
Revised Sheet 865
September 4, 2025

STATE PROJECT NUMBER
1060-27-74

HORIZONTAL CURVE DATA

WALL CURVE 1	WALL CURVE 2	WALL CURVE 3
P.I. = STA 1004+34.21	P.I. = STA 1007+48.30	P.I. = STA 1008+55.24
X = 595658.77	X = 595955.00	X = 596039.79
Y = 297646.16	Y = 297750.81	Y = 297818.79
Δ = 7°05'32"	Δ = 21°14'12"	Δ = 8°07'10"
D = 3°50'32"	D = 13°37'03"	D = 13°37'03"
L = 184.59'	L = 155.95'	L = 59.63'
T = 92.41'	T = 78.88'	T = 29.86'
R = 1491.25'	R = 420.75'	R = 420.75'
P.C. = STA 1003+41.79	P.C. = STA 1006+69.42	P.C.C. = STA 1008+25.37
X = 595576.89	X = 595879.27	X = 596017.59
Y = 297603.32	Y = 297728.74	Y = 297798.82
P.T. = STA 1005+26.38	P.C.C. = STA 1008+25.37	P.T. = STA 1008+85.00
X = 595745.32	X = 596017.59	X = 596058.95
Y = 297678.58	Y = 297798.82	Y = 297841.69



PROFILE GRADE LINE - LC

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

WISCONSIN
PAUL R. KRUM
E-43964-6
WAUKESHA
WI
9/3/2025
PROFESSIONAL ENGINEER

NO.	DATE	REVISION	BY
1	9/3/25	DELETE MSE WALL NOTE	PRK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-40-767 (STAGE 1)

DRAWN BY MTZ | PLANS CK'D EKM

GENERAL NOTES, QUANTITIES & PROFILE GRADE LINE

SHEET 3 OF 11

865

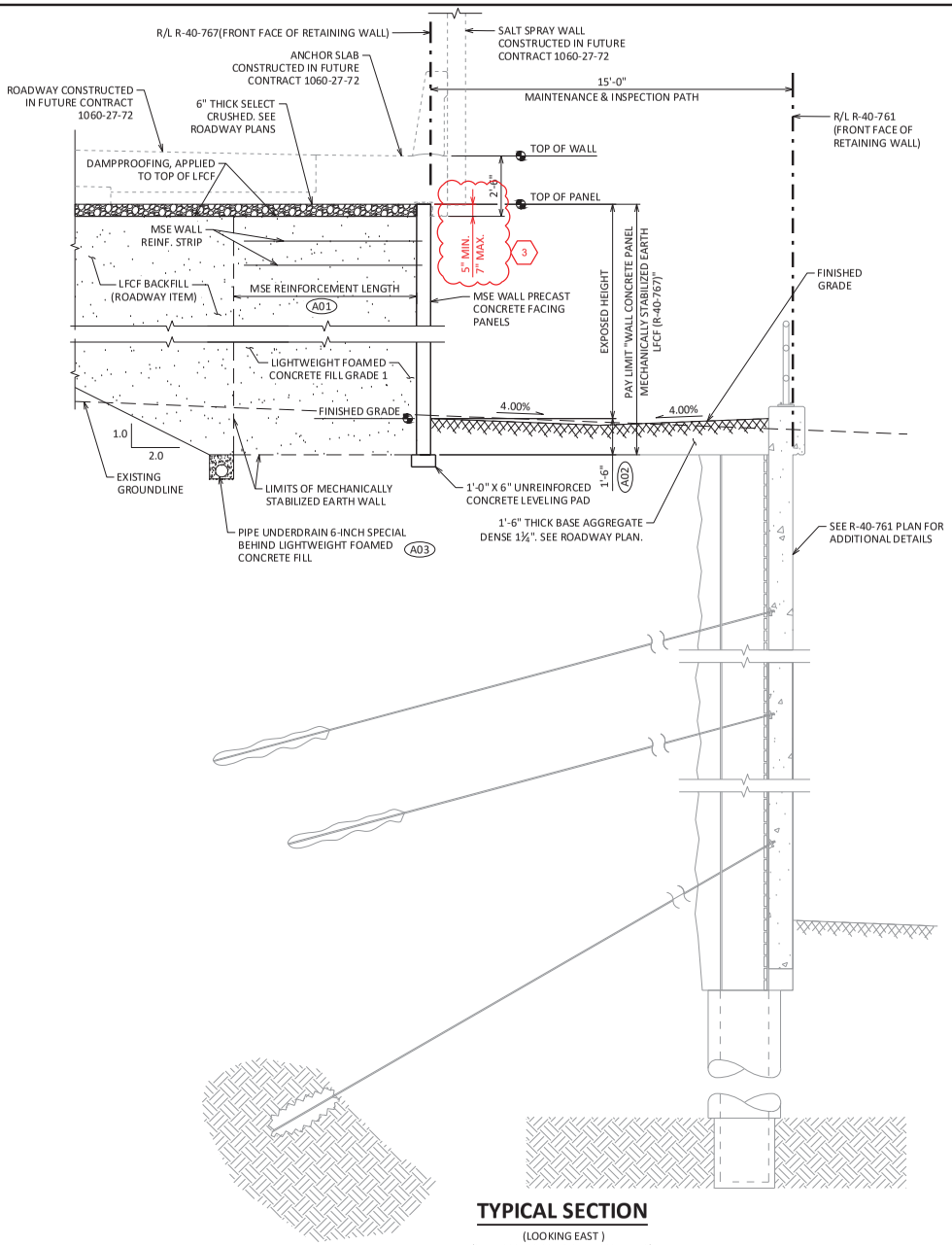
SCALE = N/A

8

8

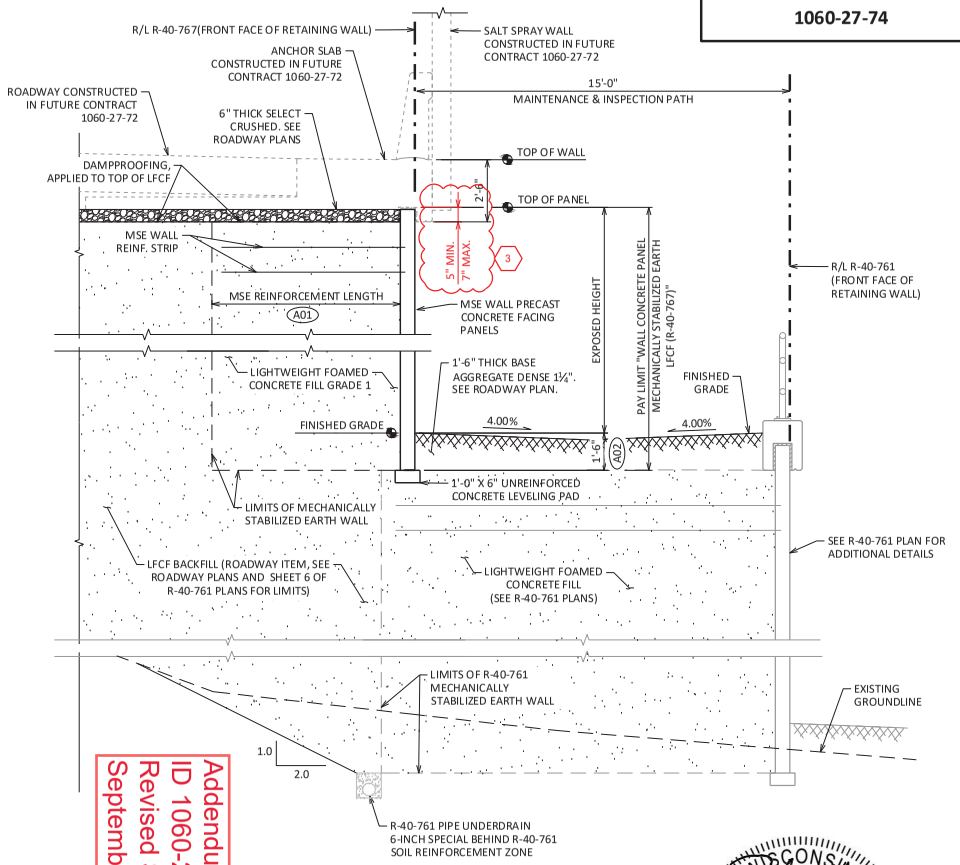
FILE NAME : C:\USERS\ZIEGLEM2\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\STRUCTURES_SCRATCH\ZIEGLER\R0767_080103_GN.DWG
LAYOUT NAME - SHT_03

STATE PROJECT NUMBER
1060-27-74



TYPICAL SECTION

(LOOKING EAST)
(STA 1000+00.00 TO STA 1003+74.73)



TYPICAL SECTION

(LOOKING EAST)
(STA 1003+74.73 TO STA 1007+65.00)

Addendum No. 03
ID 1060-27-74
Revised Sheet 866
September 4, 2025

09/03/2025

WISCONSIN
PAUL R. KRUM
E-43964-6
WAUKESHA
WI
PROFESSIONAL ENGINEER

LEGEND

(A01) SEE WALL EXTERNAL STABILITY EVALUATION ON SHEET 3 FOR MINIMUM LENGTH OF MSE WALL REINFORCING STRIPS. SOIL REINFORCEMENT MUST EXTEND A MINIMUM OF 3.0 FEET BEYOND THE FAILURE PLANE FOR INTERNAL STABILITY AS DEFINED BY AASHTO SPECIFICATIONS.

(A02) MINIMUM DIMENSION FROM FUTURE FINISHED GRADE AT FRONT FACE OF WALL TO TOP OF LEVELING PAD AS SHOWN. COORDINATE CONSTRUCTION OF THE LEVELING PAD WITH THE WALL PANEL FABRICATOR, PAY LIMITS BASED ON MINIMUM DIMENSION.

(A03) PIPE UNDERDRAIN TO BE CAPPED AT WEST END OF R-40-767. SLOPE UNDERDRAIN TO THE EAST. AT THE END OF R-40-761 UNIT 1, DROP R-40-767 UNDERDRAIN TO CONNECT TO R-40-761 UNIT 2 UNDERDRAIN AND DISCHARGE AT R-40-761 STA 2015+50, 45' RT. NO R-40-767 UNDERDRAIN NECESSARY ABOVE R-40-761 UNIT 2.

NO.	DATE	REVISION	BY
1	9/3/25	MSE PANEL EMBEDMENT	PRK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-40-767 (STAGE 1)

DRAWN BY GLM | PLANS CK'D EKM

TYPICAL WALL SECTIONS (1 OF 2)

SHEET 4 OF 11

866

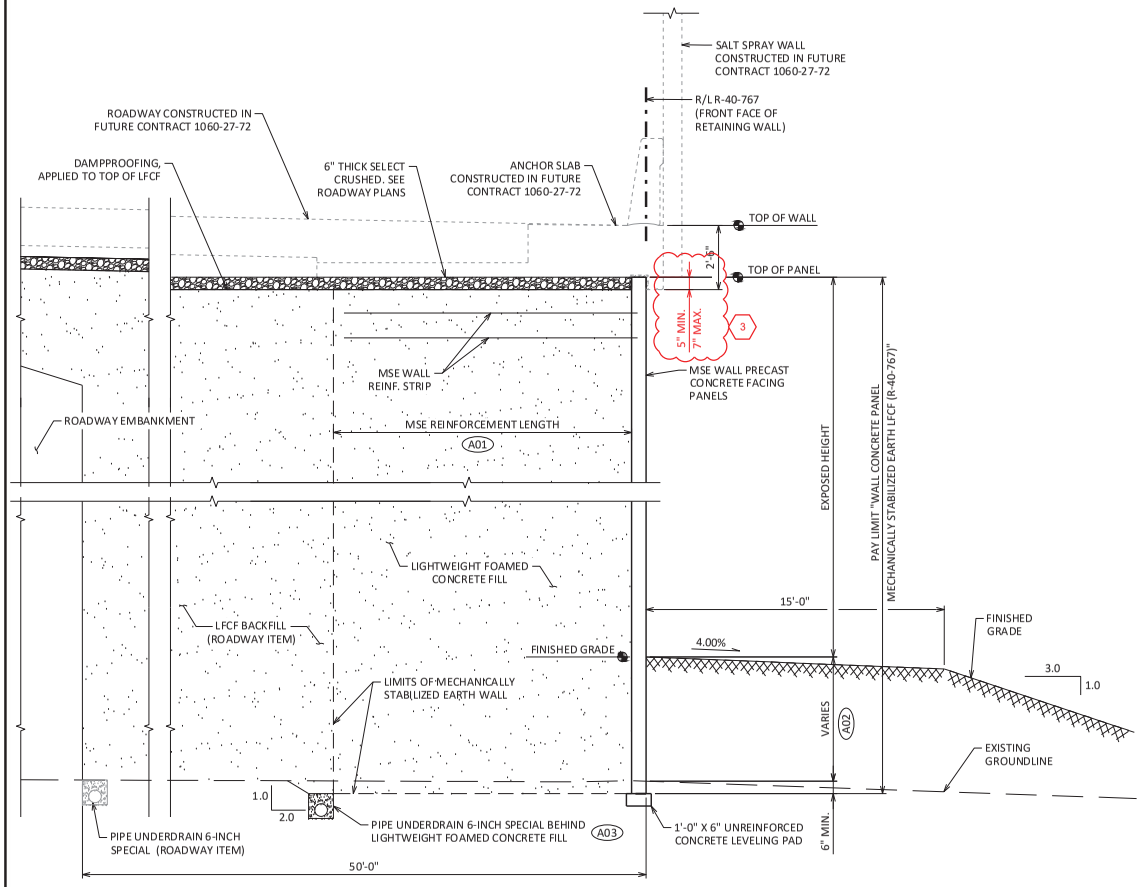
SCALE = 1 IN.SFT

8

8

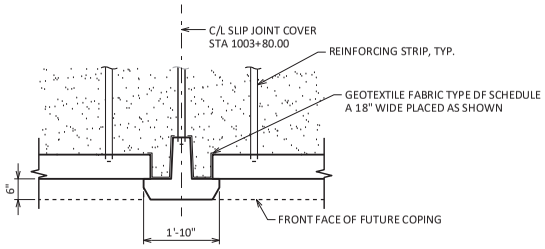
FILE NAME : C:\USERS\ZIEGLEM2\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\STRUCTURES_SCRATCH\ZIEGLER\R0767_080204_TS.DWG
LAYOUT NAME - SHT_04

STATE PROJECT NUMBER
1060-27-74



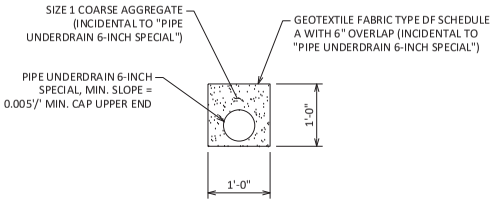
TYPICAL SECTION

(LOOKING EAST)
(STA 1007+65.00 TO STA 1008+85.00)



SLIP JOINT DETAIL

(STA 1003+80.00)



PIPE UNDERDRAIN 6-INCH SPECIAL DETAIL

WALL ELEVATIONS

STATION	PANEL LENGTH (FT)	TOP OF WALL ⚹	TOP OF PANEL ◐	EXISTING GROUND	FINISHED GRADE AT R-40-767 WALL FACE
1000+00.00	---	642.44	640.44	616.42	618.02
1000+30.00	30	641.62	639.62	616.10	616.53
1000+55.00	25	640.90	638.90	615.66	616.28
1000+80.00	25	640.17	638.17	615.34	616.03
1001+10.00	30	639.37	637.37	615.11	615.73
1001+40.00	30	638.56	636.56	615.11	615.43
1001+70.00	30	637.67	635.67	615.11	615.13
1002+00.00	30	636.70	634.70	615.12	614.83
1002+30.00	30	635.65	633.65	615.20	614.53
1002+60.00	30	634.53	632.53	615.24	614.23
1002+90.00	30	633.36	631.36	615.26	613.93
1003+20.00	30	632.19	630.19	612.53	613.05
1003+50.00	30	631.03	629.03	609.12	612.07
1003+80.00	30	629.86	627.86	601.03	610.57
1004+10.00	30	628.89	626.89	596.96	609.07
1004+40.00	30	628.03	626.03	593.43	607.57
1004+70.00	30	627.30	625.30	590.99	606.07
1005+00.00	30	626.75	624.75	591.29	604.58
1005+30.00	30	626.23	624.23	591.60	603.08
1005+60.00	30	625.83	623.83	591.83	601.58
1005+90.00	30	625.54	623.54	591.79	600.55
1006+20.00	30	625.37	623.37	593.10	600.46
1006+50.00	30	625.30	623.30	593.50	600.36
1006+80.00	30	625.45	623.45	593.44	600.26
1007+10.00	30	625.96	623.96	593.18	600.17
1007+40.00	30	626.44	624.44	592.92	600.07
1007+70.00	30	626.93	624.93	592.68	599.98
1008+00.00	30	627.51	625.51	592.17	599.88
1008+30.00	30	628.10	626.10	592.91	599.78
1008+60.00	30	628.69	626.69	593.60	599.69
1008+85.00	25	629.37	627.37	594.26	599.61

Addendum No. 03
ID 1060-27-74
Revised Sheet 867
September 4, 2025

LEGEND

⚹ AT CONCLUSION OF FUTURE CONTRACT 1060-27-72

◥ LINEARLY INTERPOLATE WALL ELEVATIONS BETWEEN STATIONS.

3 ◐ TOP OF PANEL ELEVATION IS BASED ON 6" EMBEDMENT WITH 1"± TOLERANCE. THIS IS TO ACCOMMODATE TO THE EXTENTS POSSIBLE THE OPTION OF FABRICATING PANELS THAT ARE LEVEL ON TOP.

A01 SEE WALL EXTERNAL STABILITY EVALUATION ON SHEET 3 FOR MINIMUM LENGTH OF MSE WALL REINFORCING STRIPS. SOIL REINFORCEMENT MUST EXTEND A MINIMUM OF 3.0 FEET BEYOND THE FAILURE PLANE FOR INTERNAL STABILITY AS DEFINED BY AASHTO SPECIFICATIONS.

A02 MINIMUM DIMENSION FROM FUTURE FINISHED GRADE AT FRONT FACE OF WALL TO TOP OF LEVELING PAD AS SHOWN. COORDINATE CONSTRUCTION OF THE LEVELING PAD WITH THE WALL PANEL FABRICATOR, PAY LIMITS BASED ON MINIMUM DIMENSION.

A03 PIPE UNDERDRAIN TO BE CAPPED AT THE EAST END OF R-40-767 STAGE 1. SLOPE UNDERDRAIN TO WEST. AT STA 1008+85.00 CONNECT R-40-767 UNDERDRAIN TO R-40-761 UNIT 2 UNDERDRAIN AND DAYLIGHT TO SUITABLE DRAINAGE AT R-40-761 STA 2015+50±.

JLR
09/03/2025

WISCONSIN PROFESSIONAL ENGINEER
PAUL R. KRUM
E-43964-6
WAUKESHA
WI
12/2025

NO.	DATE	REVISION	BY
1	9/3/25	MSE PANEL EMBEDMENT	PRK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-40-767 (STAGE 1)

DRAWN BY ALR | PLANS CK'D EKM

TYPICAL WALL SECTIONS (2 OF 11)

SHEET 5 OF 11

867

SCALE = 1 IN.SFT

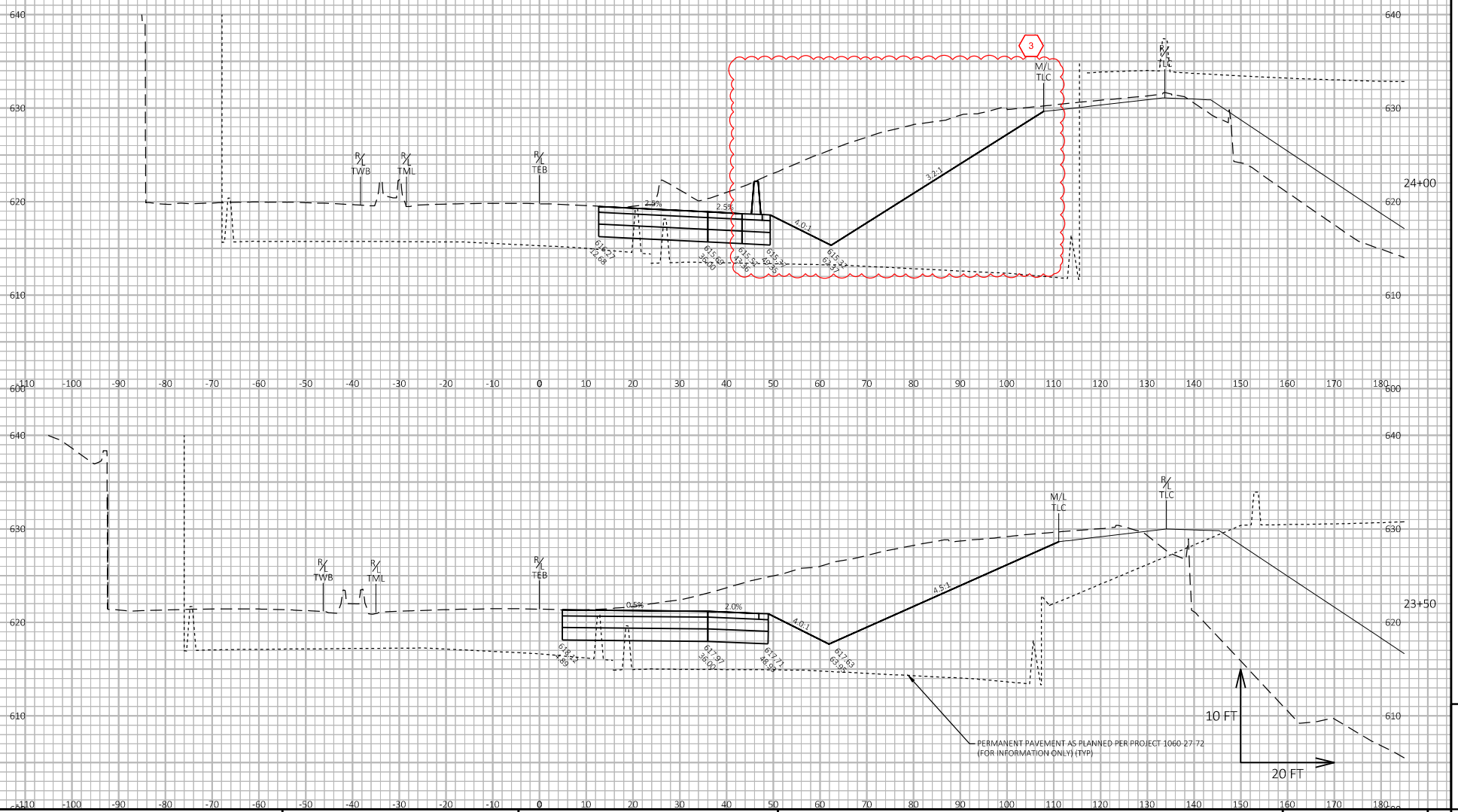
8

8

FILE NAME : C:\USERS\ZIEGLEM2\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\STRUCTURES_SCRATCH\ZIEGLER\R0767_080205_TS.DWG
LAYOUT NAME - SHT_05

Addendum No. 03
ID 1060-27-74
Revised Sheet 901
September 4, 2025

ALL WORK IN STAGE 1



PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB - TEB	SHEET 901	E

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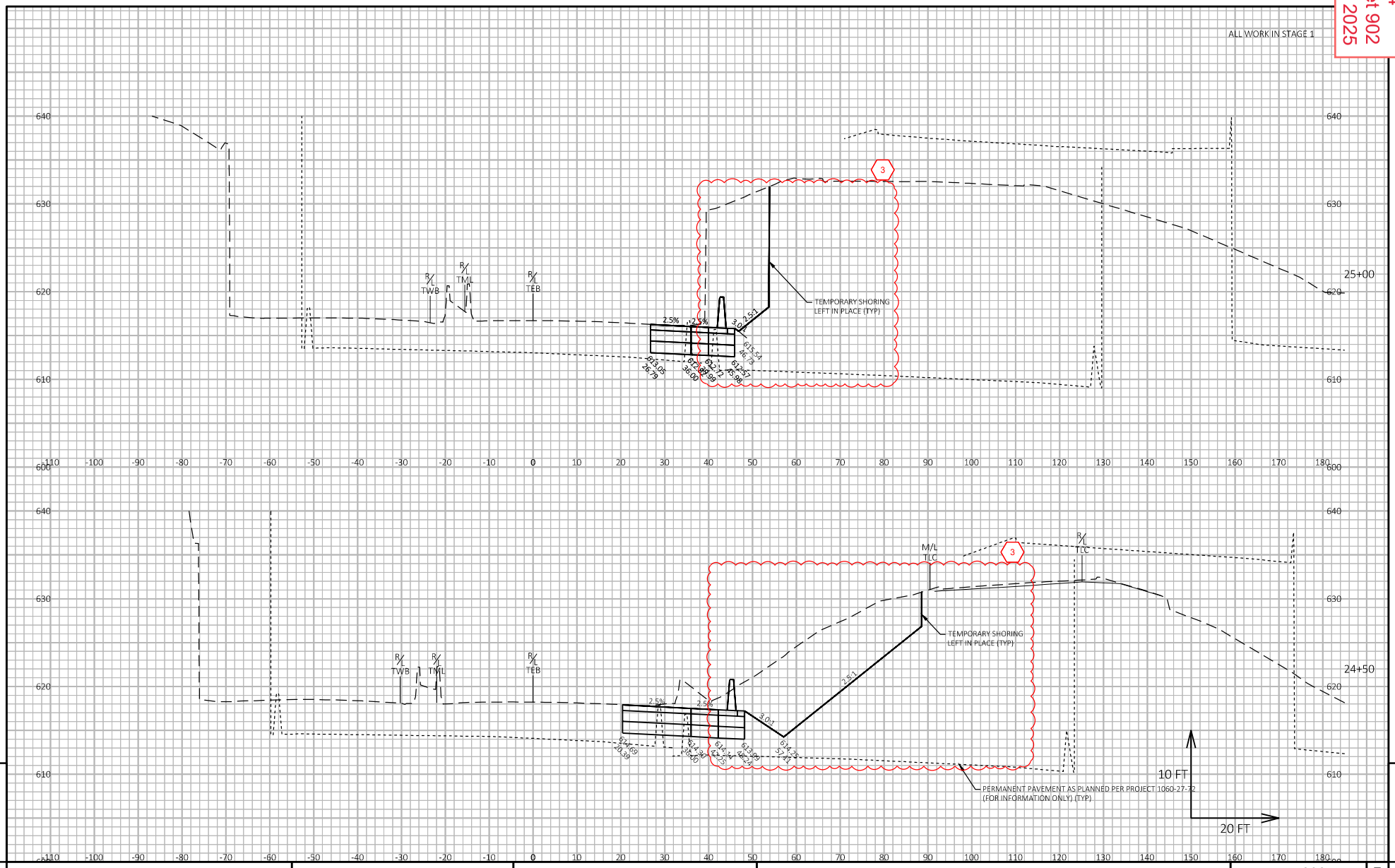
LAYOUT NAME - 19
PLOT DATE : 9/2/2025 4:57 PM
PLOT BY : PESCHEL, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Addendum No. 03
ID 1060-27-74
Revised Sheet 902
September 4, 2025



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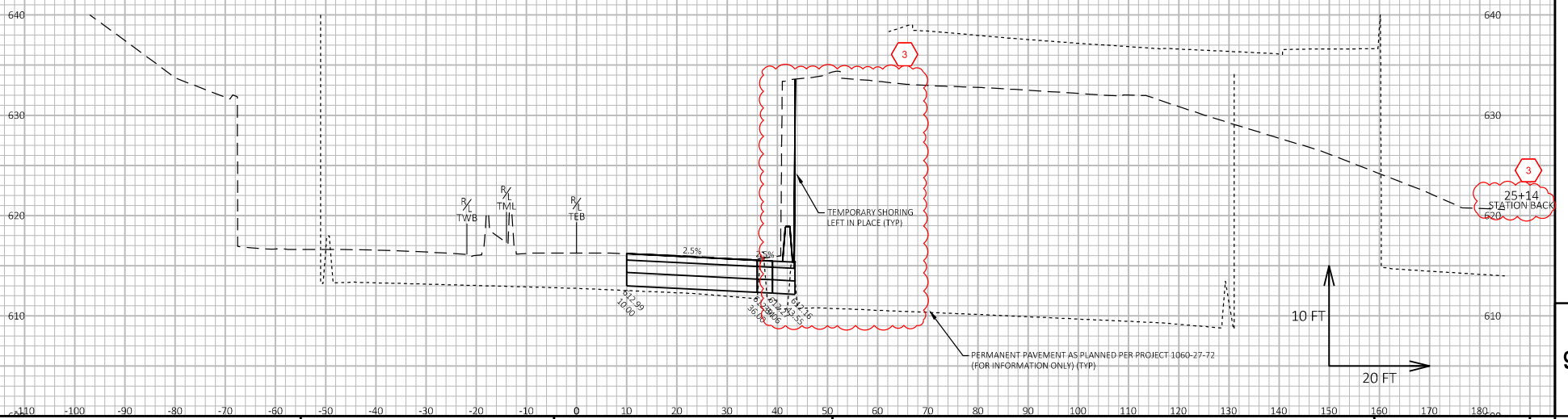
9

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB - TEB	SHEET 902	E

FILE NAME : C:\USERS\PESCHEK\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\09B XS\10602709ELA-090201-XS-EW-EB-TEMP.DWG
LAYOUT NAME - 20
PLOT DATE : 9/2/2025 4:57 PM
PLOT BY : PESCHEL, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Addendum No. 03
ID 1060-27-74
Revised Sheet 903
September 4, 2025



9 9

PROJECT NO: 1060-27-74	HWY: IH 94	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 EB - TEB	SHEET 903	E

FILE NAME : C:\USERS\PESCHEK\DC\ACCDOCS\WISDOT\10602703\PROJECT FILES\CORE EAST SEGMENT\10602774\SHEETS\09B XS\10602709ELA-090201-XS-EW-EB-TEMP.DWG
LAYOUT NAME - 21
PLOT DATE : 9/2/2025 4:57 PM
PLOT BY : PESCHEL, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

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

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	204.0150 Removing Curb & Gutter	130.000 LF	_____.____	_____.____
0032	204.0155 Removing Concrete Sidewalk	1,560.000 SY	_____.____	_____.____
0034	204.0157 Removing Concrete Barrier	2,170.000 LF	_____.____	_____.____
0036	204.0165 Removing Guardrail	1,400.000 LF	_____.____	_____.____
0038	204.0170 Removing Fence	2,840.000 LF	_____.____	_____.____
0040	204.0195 Removing Concrete Bases	26.000 EACH	_____.____	_____.____
0042	204.0210 Removing Manholes	12.000 EACH	_____.____	_____.____
0044	204.0220 Removing Inlets	38.000 EACH	_____.____	_____.____
0046	204.0245 Removing Storm Sewer (size) 0001. 12-Inch	1,321.000 LF	_____.____	_____.____
0048	204.0245 Removing Storm Sewer (size) 0002. 15-Inch	1.000 LF	_____.____	_____.____
0050	204.0245 Removing Storm Sewer (size) 0003. 18-Inch	118.000 LF	_____.____	_____.____
0052	204.0245 Removing Storm Sewer (size) 0004. 21-Inch	351.000 LF	_____.____	_____.____
0054	204.0245 Removing Storm Sewer (size) 0005. 24-Inch	428.000 LF	_____.____	_____.____
0056	204.0245 Removing Storm Sewer (size) 0006. 27-Inch	276.000 LF	_____.____	_____.____

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

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0058	204.0245 Removing Storm Sewer (size) 0007. 30-Inch	20.000 LF	_____.____	_____.____
0060	204.0250 Abandoning Manholes	4.000 EACH	_____.____	_____.____
0062	204.0265 Abandoning Wells	3.000 EACH	_____.____	_____.____
0064	204.0291.S Abandoning Sewer	12.000 CY	_____.____	_____.____
0066	204.9001.S Removing Advance Flasher Assemblies Type 1	1.000 EACH	_____.____	_____.____
0068	204.9060.S Removing (item description) 0001. Steps Railing	2.000 EACH	_____.____	_____.____
0070	204.9060.S Removing (item description) 1002. Lighting Units	35.000 EACH	_____.____	_____.____
0072	204.9060.S Removing (item description) 3101. Traffic Signals W St Paul Ave & N 27th St	1.000 EACH	_____.____	_____.____
0074	204.9165.S Removing (item description) 0002. Landscape Rock	1,360.000 SF	_____.____	_____.____
0076	205.0100 Excavation Common	70,498.000 CY	_____.____	_____.____
0078	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	1,415.000 TON	_____.____	_____.____
0080	206.1001 Excavation for Structures Bridges (structure) 1083. B-40-1083	1.000 EACH	_____.____	_____.____
0082	206.3001 Excavation for Structures Retaining Walls (structure) 0761. R-40-761	1.000 EACH	_____.____	_____.____
0084	209.0200.S Backfill Controlled Low Strength	40.000 CY	_____.____	_____.____

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

Federal ID(s): WISC 2025597

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0174	506.6000 Bearing Assemblies Expansion (structure) 1083.B-40-1083	21.000 EACH	_____.____	_____.____
0176	509.1500 Concrete Surface Repair	250.000 SF	_____.____	_____.____
0178	511.1200 Temporary Shoring (structure) 0010. R-40-10	4,000.000 SF	_____.____	_____.____
0180	511.1200 Temporary Shoring (structure) 0761. R-40-761	568.000 SF	_____.____	_____.____
0182	511.2200 Temporary Shoring Left in Place (structure) 0057. B-40-57	1,000.000 SF	_____.____	_____.____
0184	511.2200 Temporary Shoring Left in Place (structure) 0761. R-40-761	223.000 SF	_____.____	_____.____
0186	511.2300 Temporary Shoring Left in Place (location) 0001. IH 94 EB	3,300.000 SF	_____.____	_____.____
0188	511.2300 Temporary Shoring Left in Place (location) 0002. IH 94 WB	900.000 SF	_____.____	_____.____
0190	512.0500 Piling Steel Sheet Permanent Delivered	225.000 SF	_____.____	_____.____
0192	512.0600 Piling Steel Sheet Permanent Driven	225.000 SF	_____.____	_____.____
0194	513.2001 Railing Pipe 0761. R-40-761	1,615.000 LF	_____.____	_____.____
0196	513.4091 Railing Tubular Screening	826.000 LF	_____.____	_____.____
0198	514.0450 Floor Drains Type WF	5.000 EACH	_____.____	_____.____
0200	514.2608 Downspout 8-Inch	270.000 LF	_____.____	_____.____