

# Wisconsin Department of Transportation

July 19, 2018

**Division of Transportation Systems Development**  
Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

Telephone: (608) 266-1631  
Facsimile (FAX): (608) 266-8459

## NOTICE TO ALL CONTRACTORS:

**Proposal #1: 1030-20-84, WISC 2018380**  
**N-S Freeway**  
**South Milwaukee Roadway/Mainline**  
**IH 94**  
**Milwaukee County**

**1030-20-87, WISC 2018381**  
**N-S Freeway**  
**Elm Road Interchange**  
**IH 94**  
**Milwaukee County**

**1035-01-72, WISC 2018382**  
**N-S Freeway**  
**7 Mile Road Interchange**  
**7 Mile Road Crossroads**  
**IH 94**  
**Racine County**

**1035-01-74, WISC 2018383**  
**N-S Freeway**  
**7 Mile Road Interchange**  
**Mainline & Ramps**  
**IH 94**  
**Racine County**

**1035-01-79, WISC 2018384**  
**N-S Freeway**  
**CTH G to 7 Mile Road Mainline**  
**IH 94**  
**Racine County**

**1035-01-82, WISC 2018385**  
**N-S Freeway**  
**7 Mile Road to Milwaukee Co. Line**  
**Mainline**  
**IH 94**  
**Racine County**

## Letting of July 24, 2018

This is Addendum No. 4, which provides for the following:

### Special Provisions:

Revised Special Provisions	
Article No.	Description
7	Holiday Work Restrictions
8	Utilities

Added Special Provisions	
Article No.	Description
238	Information to Bidders, Buckeye Partners Right-of-Way Use Restrictions

**Schedule of Items:**

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0157	Removing Concrete Barrier	LF	60,263	-20	60,243
204.0245.0010	Removing Storm Sewer 30-Inch	LF	1,256	-22	1,234
204.0291.S	Abandoning Sewer	CY	135.8	4	139.8
205.0100	Excavation Common **P**	CY	1,041,654	79,022	1,120,676
517.1010.S.4006	Concrete Staining Structure B-40-801 **P**	SF	5,205	8,173	13,378
517.1010.S.4010	Concrete Staining Structure B-40-806 **P**	SF	2,454	3,543	5,997
517.1010.S.4011	Concrete Staining Structure B-40-807 **P**	SF	2,186	3,596	5,732
612.0106	Pipe Underdrain 6-Inch	LF	79,052	-21	79,031
637.1220	Signs Type I Reflective SH	SF	13,948.5	-6,435	7,513.5
638.2101	Moving Signs Type I	Each	69	-3	66
638.2102	Moving Signs Type II	Each	248	-1	247
643.0420	Traffic Control Barricades Type III	Days	66,565	300	66,865
643.0705	Traffic Control Warning Lights Type A	Days	128,462	600	129,062
643.0900	Traffic Control Signs	Days	469,704	10,900	480,604
643.0910	Traffic Control Covering Signs Type I	Each	25	7	32
643.1000	Traffic Control Signs Fixed Message	SF	3,816.75	312	4,128.75
643.1050	Traffic Control Signs PCMS	DAY S	6,529	28	6,557
643.1051	Traffic Control PCMS with Cellular Communications	DAY S	2,017	66	2,083
645.0111	Geotextile Fabric Type DF Schedule A **P**	SY	43,847	-13	43,834
SPV.0035.0006	Roadway Embankment **P**	CY	579,089.00	-19,548	559,541
SPV.0035.0008	EBS Excavation	CY	135,592	17,548	153,140
SPV.0035.0009	EBS Backfill	CY	135,592	17,548	153,140
SPV.0195.0010	Soil Drying Treatment	TON	3,042	1,296	4,338
SPV.0195.0012	Subgrade Strengthening Treatment	TON	42,023	-26,989	15,034

**Plan Sheets:**

ID 1030-20-84 Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)

44	Typical Sections: Added CBTP to Sta 266+51.95 to Sta 287+00
61	Construction Detail – Removed Note 3
62	Construction Detail - Removed Note 3
63	Construction Detail - Revised note on outside shoulder underdrain detail
94	Removals - Abandon 30-inch sewer at West Shore Pipeline instead of remove
102	Plan Detail - updated station for concrete surface drain
383	Stage 1A / 1B Construction; added note for coordination with Project I.D. 1030-20-85
384	Stage 1A / 1B Construction; added note for coordination with Project I.D. 1030-20-85
385	Stage 1A / 1B Construction; added note for coordination with Project I.D. 1030-20-85
386	Stage 1A / 1B Construction; added note for coordination with Project I.D. 1030-20-85
387	Stage 1A / 1B Construction; added note for coordination with Project I.D. 1030-20-85
516	Detour - IH NB Overnight Full Closure; added note at 7 Mile
518	Detour - IH 94 NB Exit Ramp (Rawson Avenue); added note at Drexel Avenue
519	Detour - IH 94 NB Exit Ramps (Ryan/Drexel); added note at 7 Mile
520	Detour - IH 94 Northbound Entrance Ramps (Ryan/Drexel) ; added note at Rawson Ave
522	Detour - IH 94 Southbound Exit Ramps (Ryan/Drexel); added note at Rawson Ave
523	Detour - IH 94 Southbound Exit Ramps (Rawson Ave); added FMS 912 and PCMS for SB traffic
524	Detour - IH 94 SB Entr Ramps (Ryan/Drexel); added note at 7 Mile
525	Detour - IH 94 SB Entr Ramps (Rawson Avenue); added note at Drexel Avenue
578	Misc Quantities - Abandon 30-inch sewer at West Shore Pipeline instead of remove
580	Misc Quantities - Abandon 30-inch sewer at West Shore Pipeline instead of remove
581	Misc Quantities - Earthwork; Update earthwork for revised existing ground at ramp RYA
617	Misc Quantities - Abandon 30-inch sewer at West Shore Pipeline instead of remove
618	Misc Quantities - Eliminate Underdrain at West Shore Pipeline
633	Misc Quantities - Traffic Control Items (Detour); Added PCMS quantity
634	Misc Quantities - Traffic Control Signs Fixed Message; added FMS 912
969	Structure Plan B-40-806- Quantities and Profile Grade Line- Concrete Staining Quantity revised
991	Structure Plan B-40-807- Quantities and Profile Grade Line- Concrete Staining Quantity revised
1141	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1142	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1143	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1144	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1145	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1146	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1147	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1148	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1149	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1150	Earthwork; revised earthwork data for for revised existing ground at ramp RYA
1196	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1197	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1198	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1199	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1200	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1201	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1202	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1203	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1204	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1205	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1206	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1207	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1208	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA

1209	Cross Sections IH 94 NB - Revised existing ground in the vicinity of ramp RYA
1492	Cross Sections Ramp RYA - Revised existing ground in the vicinity of ramp RYA
1493	Cross Sections Ramp RYA - Revised existing ground in the vicinity of ramp RYA
1559	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1560	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1561	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1562	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1563	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1564	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1565	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1566	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1567	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1568	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1569	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1570	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations
1571	Cross Sections IH 94 NB Temporary Widening - Revised match-in elevations

<b>ID 1030-20-87 Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
45	Construction Detail (Removed note about Silane Sealant)
46	Construction Detail (Removed note about Silane Sealant)
47	Construction Detail (Removed note about Silane Sealant)
212	Storm Sewer (Revised pipe 505-509 & 507-514 elevations)
362	Miscellaneous Quantities (Revised Earthwork Summary)
372	Miscellaneous Quantities (Revised Structure 505 & 507 information)
742	Structure Plan B-40-801- Quantities and profile grade Lines- Concrete Staining quantity revised
912	Earthwork (Revised Ramp EC Earthwork Data)
915	Earthwork (Revised Temporary Widening Earthwork Data)
916	Earthwork (Revised Temporary Widening Earthwork Data)
917	Earthwork (Revised Temporary Widening Earthwork Data)
918	Earthwork (Revised Temporary Widening Earthwork Data)
919	Earthwork (Revised Temporary Widening Earthwork Data)
920	Earthwork (Revised IH 94 SB Earthwork Data)
921	Earthwork (Revised IH 94 SB Earthwork Data)
922	Earthwork (Revised IH 94 SB Earthwork Data)
923	Earthwork (Revised IH 94 NB Earthwork Data)
924	Earthwork (Revised IH 94 NB Earthwork Data)
925	Earthwork (Revised IH 94 NB Earthwork Data)
926	Earthwork (Revised Ramp EC Earthwork Data)
927	Earthwork (Revised Ramp ED Station Ahead note)
928	Earthwork (Revised Elm Road Station Ahead note)
932	Earthwork (Revised IH 94 NB Earthwork Data)
933	Earthwork (Revised IH 94 NB Earthwork Data)
934	Earthwork (Revised IH 94 NB Earthwork Data)

<b>ID 1035-01-74 Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
30	Deleted note about sealer from construction detail
31	Deleted note about sealer from construction detail
171	Added note about removal of S-51-205 in this Stage 1C

172	Added note about removal of S-51-205 in this Stage 1C
175	Show Type 1 sign being moved to temp support on NB shoulder at Sta 1247+00
182	Show Type I sign as existing on NB shoulder on temporary support at Sta 1247+00
184	Revise sign callout from Type 2 to Type 1
189	Show S-51-220 Type I being installed and old Type 1 sign removed
195	Revise Type 1 sign to show as existing
196	Shown S-51-220 Type I sign as existing from Stage 3
206	Added Alternate Detour along W Frontage Rd to WB 7 Mile Rd (CTH G to 7 Mile)
209	Added Alternate Detour along W Frontage Rd to WB 7 Mile Rd (CTH G to 7 Mile)
228	Revised removal quantity of concrete barrier bid item 204.0157
250	Revised the quantity for Traffic Control Fixed Message Signs and Moving Signs Type I and II
252	Revised the Traffic Control Quantities used in the detours
254	Revised the quantity for Traffic Control Fixed Message Signs
407	Deleted Sign Details no longer used

**(ID 1035-01-79) Revised Plan Sheets**

Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
18	Construction Detail (Removed note about Silane Sealant)
19	Construction Detail (Removed note about Silane Sealant)
97	Traffic Control (Added Type I sign covering information)
102	Traffic Control (Added Type I sign covering information)
103	Traffic Control (Added Type I sign covering information)
108	Traffic Control (Added Type I sign covering information)
109	Traffic Control (Added Type I sign covering information)
128	Traffic Control (Added Type I sign covering information)
165	Traffic Control (Added Type I sign covering information)
169	Miscellaneous Quantities – Changed Type I signing quantity

**(ID 1035-01-82) Revised Plan Sheets**

Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
19	Construction Detail (Removed note about Silane Sealant)
20	Construction Detail (Removed note about Silane Sealant)
78	Stage 1A traffic control at the WFR, added PCMS
133	Traffic Control miscellaneous quantity sheet, added additional PCMS

**(ID 1030-20-84) Added Plan Sheets**

Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
898A	Sign Details - Added Temporary Sign

**(ID 1030-20-87) Added Plan Sheets**

Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
916A	Earthwork (Added Earthwork Data for missing station range)
920A	Earthwork (Added Earthwork Data for missing station range)

**(ID 1035-01-74) Added Plan Sheets**

Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
35A	Construction detail to show how to remove Sign Bridge S-51-205 and it's notches
209A	NB FMS Covering required in detours for Stages 1b and 4 was erroneously omitted from original submittal
209B	Detour of 7 Mile Rd when it is closed in Stages 1B, 2 and 4

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. 4**  
**PROJECT ID 1030-20-84/87, 1035-01-72/74/79/82**  
**July 18, 2018**

**Special Provisions**

**7. Holiday Work Restrictions.**

*Replace the entire article with the following:*

**Holiday and Special Event Work Restrictions.**

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying IH 94 traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday periods:

From noon Thursday, August 30, 2018 to 6:00 AM Tuesday, September 4, 2018 for Labor Day;  
From noon Wednesday, November 21, 2018 to 6:00 AM Monday, November 26, 2018 for Thanksgiving;  
From noon Sunday, December 23, 2018 to 6:00 AM Wednesday, December 26, 2018 for Christmas;  
From noon Monday, December 31, 2018 to 6:00 AM Wednesday, January 2, 2019 for New Year's Day;  
From noon Friday, May 24, 2019 to 6:00 AM Tuesday, May 28, 2019 for Memorial Day;  
From noon Wednesday, July 3, 2019 to 6:00 AM Monday, July 8, 2019 for Independence Day;  
From noon Friday, August 30, 2019 to 6:00 AM Tuesday, September 3, 2019 for Labor Day;  
From noon Wednesday, November 27, 2019 to 6:00 AM Monday, December 2, 2019 for Thanksgiving;  
From noon Monday, December 23, 2019 to 6:00 AM Thursday, December 26, 2019 for Christmas;  
From noon Tuesday, December 31, 2019 to 6:00 AM Thursday, January 2, 2020 for New Year's Day;  
From noon Friday, May 22, 2020 to 6:00 AM Tuesday, May 26, 2020 for Memorial Day.

stp-107-005 (20050502)

Holiday work restrictions do not apply to roadways or ramps already closed long term during construction as shown on the plans. New long term closures of ramps and roadways must be coordinated with the holiday work restrictions.

Special event work restrictions do not apply to roadways or ramps already closed long term during construction as shown on the plans. New long term closures of ramps and roadways must be coordinated with the special event work restrictions.

**Freeway Special Event Restrictions**

During Summerfest, scheduled for June 26 through July 17, 2019, keep open the following roadways until one hour after the event closes each night:

- Service interchange ramps at the College Avenue and Ryan Road service interchanges (those that are not already closed long-term per the staging plans).
- Maintain two open lanes on IH 94, north of Ryan Road, in both directions.

During Wisconsin State Fair, scheduled for August 1 through August 11, 2019, keep open the following roadways until one hour after the event closes each night:

- Service interchange ramps at the College Avenue and Ryan Road service interchanges (those that are not already closed long-term per the staging plans).
- Maintain two open lanes on IH 94, north of Ryan Road, in both directions.

## 8. Utilities

*Under the heading **Project 1030-20-84**, replace the entire **West Shore Pipeline Company** section that begins "**West Shore Pipeline Company** has an underground petroleum pipeline within the project limits beginning beyond the westerly project limits..." with:*

**West Shore Pipeline Company** has an underground petroleum pipeline within the project limits beginning beyond the westerly project limits and running easterly, crossing IH 94 at Station 424+46, and continuing easterly to beyond the project limits. This line will remain in place without adjustment. Cover over this pipeline is approximately 3 feet. Expose this line prior to any excavation, grading or construction of temporary or permanent pavement in the area of this pipeline. During construction and after removal of pavement in this area, West Shore Pipeline Company will construct a concrete cap over the pipeline between Station 424+46, 95'LT and Station 424+46, 115'LT. Allow West Shore Pipeline 10 days to complete this work. Refer to the Buckeye Partners, L.P. and Affiliates Right-of-Way Use Restrictions Specification Revision 5 document for requirements on temporary pipeline crossings, construction-induced vibrations or other information.

Contact Aric Aufdermauer, (414) 391-8102, of West Shore Pipeline Company 14 business days in advance to coordinate construction activities.

*Under the heading **Project 1030-20-87**, replace the entire **AT&T Wisconsin** section that begins "**AT&T Wisconsin** has existing and underground communications facilities within the project limits..." with:*

**AT&T Wisconsin** has existing and underground communications facilities within the project limits in the following locations:

- An underground communications line beginning beyond the southerly project limits, and runs northerly along the easterly pavement edge of S. 27th Street, to a manhole at Station 809T+91, 50'RT and crossing Elm Road at Station 10E+50, and continuing northerly along said edge of pavement to beyond the project limits. This conduit is composed of transite material and will remain in place without adjustment. During construction, AT&T will adjust the manhole at Station 809T+91, 50'LT. Allow 5 days for AT&T Wisconsin to perform the adjustment.
- An underground communications line beginning at a manhole at Station 809T+91, 50'RT and running westerly, crossing S. 27th Street at Station 809T+90, and continuing westerly to a pedestal at Station 809T+76, 73'LT. From there it continues westerly along the southerly W. Elm Road right of way to beyond the westerly project limits. AT&T Wisconsin will relocate approximately 30 feet of this line either side of the pedestal and relocate the pedestal to beyond the proposed curb and gutter during construction. Allow 20 days for AT&T Wisconsin to perform their relocations within the project limits.
- An underground communications line beginning a pedestal at Station 809T+76, 73'LT and running northerly, crossing W. Elm Road at Station 9E+25, and continuing northerly to Station 9E+18, 18'LT, where it turns and runs westerly along the northerly W. Elm Road right of way to beyond the westerly project limits. During construction AT&T Wisconsin will relocate this line beginning at a new handhole at Station 8E+30, 20'LT continuing east to



9E+10, 22'LT, then turning southeast and crossing Elm Road at Station 9E+17. From there it will continue southeast to a new pedestal at Station 9E+20, 30'RT and the relocated We Energies pole. The existing AT&T Wisconsin line will be discontinued from the new handhole at Station 8E+30 to the existing pedestal at Station 809T+76, 73'LT. Allow 40 days for AT&T Wisconsin to perform their relocations within the project limits.

- An overhead communications line beginning south of the project limits on the west side of 27<sup>th</sup> Street attached to We Energies poles. The line continues north to a We Energies pole at Station 809T+75, 70'LT. From there it crosses Elm Road at Station 9E+30 and continues northerly to beyond the project limits. AT&T Wisconsin will transfer their facilities to the relocated We Energies pole near Station 809T+70, 70'LT. Allow 10 days for AT&T Wisconsin to perform this work after We Energies has relocated the pole.
- An underground communications line beginning beyond the westerly project limits and running easterly along a line approximately 14' north of the edge of Oakwood Road, crossing IH 94 at Station 195+42, and continuing easterly to beyond the easterly project limits. During construction, AT&T Wisconsin will relocate a portion of this line beginning at new handhole at Station 15KW+00, 28'LT and running southerly across Oakwood Road to Station 17KW+00, 13'RT where it will turn and run easterly along the southerly edge of pave to Station 21KW+85, 13'RT. From there it will turn and run northerly across Oakwood Road and end at a handhole at Station 21KW+85, 35'LT. AT&T will discontinue the existing line in place in the relocated area. All other portions of the line will remain in place without adjustment. Allow 30 days for AT&T Wisconsin to perform their relocations within the project limits.

Contact Jeff Oldenburg (262-896-7522 office, 414-412-7047 cell) of AT&T Wisconsin 7 days in advance to coordinate locations and any excavation near their facilities.

## **238. Information to Buckeye Partners, L.P. and Affiliates Right-of-Way Use Restrictions Specification Revision 5**

The department has obtained the Buckeye Partners, L.P. and Affiliates Right-of-Way Use Restrictions Specification Revision 5 document for the work at the West Shore Pipeline. Comply with the requirements of the document in addition to requirements of the special provisions. A copy of the document is available from the regional office by contacting Jason Dahlgren (414) 750-3278.

### **Schedule of Items**

Attached, dated **Month DD, YYYY**, are the revised Schedule of Items Pages **x, x, x, xx – xx, xx** and **xx**.

### **Plan Sheets**

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

#### **Revised Plan Sheets**

**ID 1030-20-84** sheet 44, 61, 62, 63, 94, 102, 383, 384, 385, 386, 387, 516, 518, 519, 520, 522, 523, 524, 525, 578, 580, 581, 617, 618, 633, 634, 969, 991, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1492, 1493, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571

**ID 1030-20-87** 45, 46, 47, 212, 362, 372, 742, 912, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 932, 933, & 934

**ID 1035-01-72** None

**ID 1035-01-74** sheet 30, 31, 171, 172, 175, 182, 184, 189, 195, 196, 206, 209, 228, 250, 252, 254, 407

**ID 1035-01-79** sheet 18, 19, 97, 102, 103, 108, 109, 128, 165, **169**

**ID 1035-01-82** sheet 19, 20, 78, 133

**Added Plan Sheets**

**ID 1030-20-84** sheet 898A  
**ID 1030-20-87** sheet 916A & 920A  
**ID 1035-01-72** None  
**ID 1035-01-74** 35A, 209A, 209B  
**ID 1035-01-79** None  
**ID 1035-01-82** None

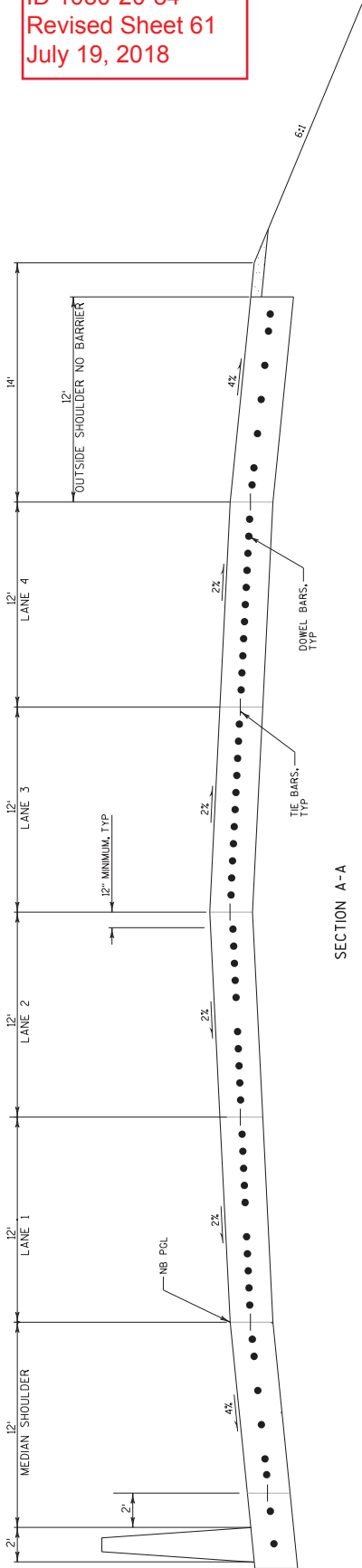
**Deleted Plan Sheets**

**ID 1030-20-84** None  
**ID 1030-20-87** None  
**ID 1035-01-72** None  
**ID 1035-01-74** None  
**ID 1035-01-79** None  
**ID 1035-01-82** None

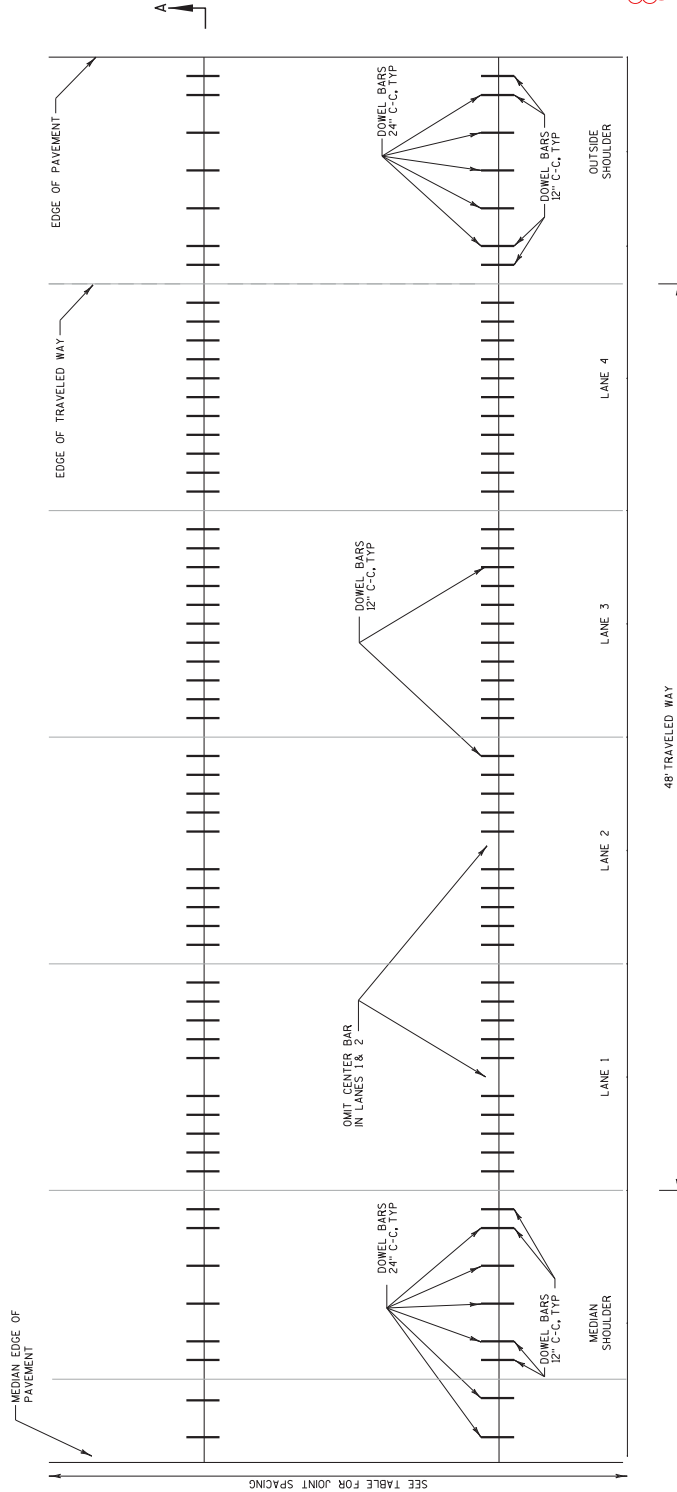
END OF ADDENDUM



Addendum No. 04  
ID 1030-20-84  
Revised Sheet 61  
July 19, 2018



SECTION A-A



PLAN

CONCRETE PAVEMENT JOINT DETAIL

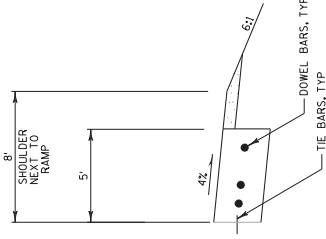
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

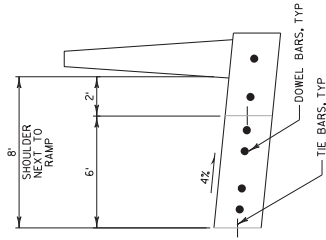
NOTES

1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
2. LOCATE OUTERMOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 12" AWAY FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
3. TREAT SAWSURFACES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH SILANE SEALANT.

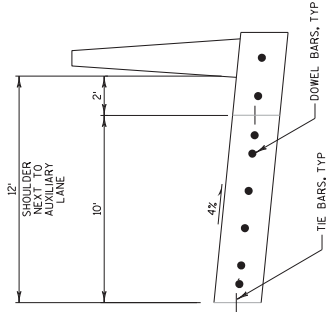
Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 62  
 July 19, 2018



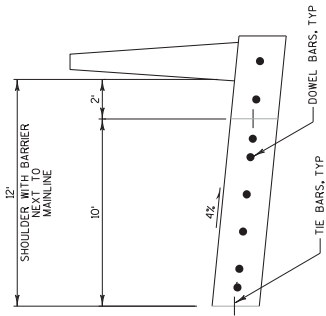
SECTION D-D



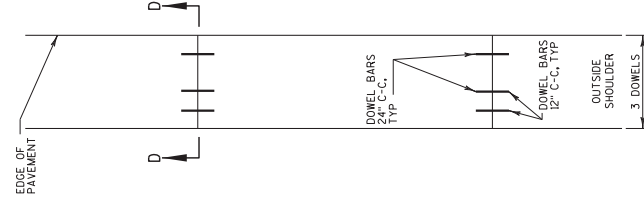
SECTION C-C



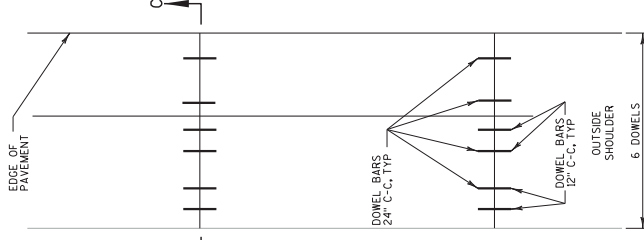
SECTION B-B



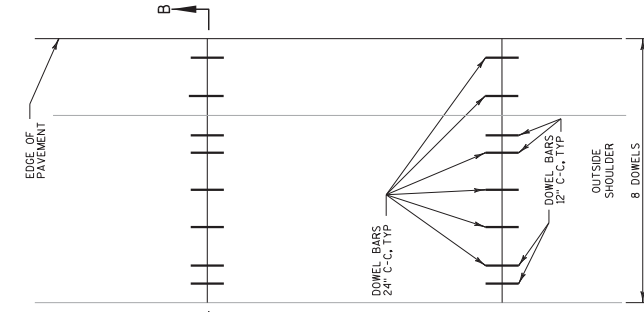
SECTION A-A



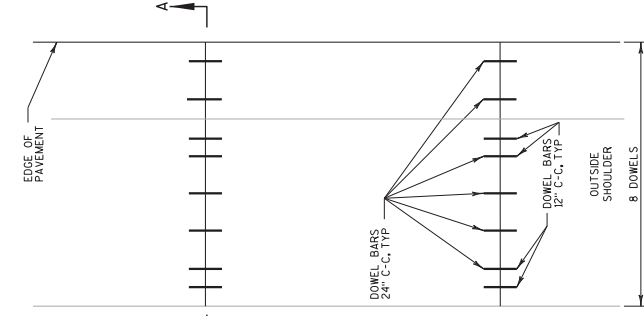
PLAN



PLAN



PLAN



PLAN

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE		
PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

NOTES

1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
2. LOCATE OUTERMOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 12 INCHES FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
3. TREAT SAME-SURFACES-OF-TRANSVERSE-AND-LONGITUDINAL-JOINTS WITH SILICONE-SEALANT.

CONCRETE PAVEMENT JOINT DETAIL - SHOULDERS

COUNTY: MILWAUKEE CONSTRUCTION DETAILS

HWY: IH 94

PROJECT NO: 1030-20-84

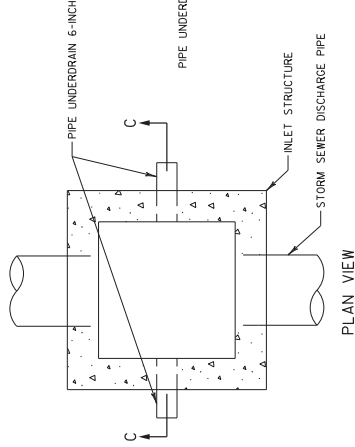
SHEET 62

E

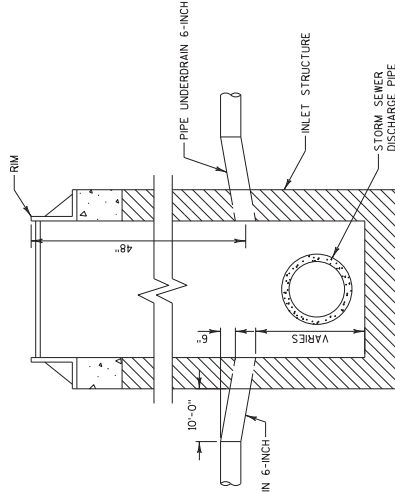
Addendum No. 04  
ID 1030-20-84  
Revised Sheet 63  
July 19, 2018

NOTES

- 1. CONNECTIONS TO INLETS OR MANHOLES IN MEDIAN SHALL USE PIPE UNDERDRAIN, 6-INCH.
- 2. PROVIDE TWO 6" DIA. OPENINGS FOR UNDERDRAIN PIPE APPROXIMATELY 48" BELOW THE RIM ELEVATION.
- 3. SEE TYPICAL SECTIONS AND STORM SEWER PLANS FOR PIPE UNDERDRAIN LOCATIONS.

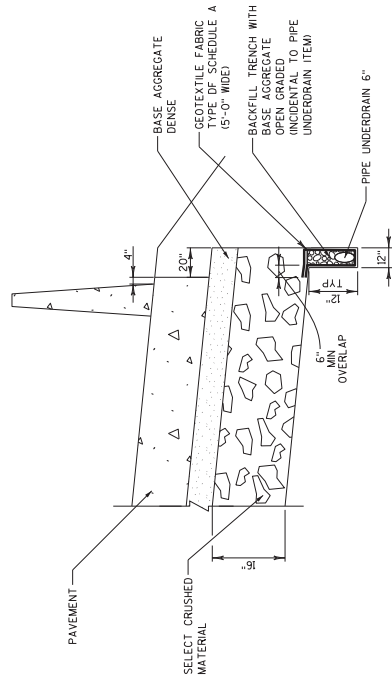


PLAN VIEW



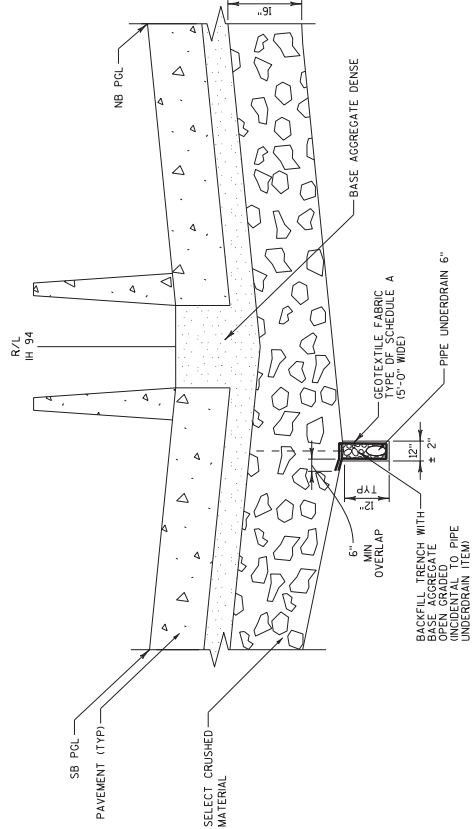
SECTION C-C

UNDERDRAIN OUTFALL AT INLET



NOTE  
SEE MISCELLANEOUS QUANTITIES FOR LOCATION OF UNDERDRAIN.

OUTSIDE SHOULDER UNDERDRAIN TRENCH DETAIL



MEDIAN UNDERDRAIN TRENCH DETAIL

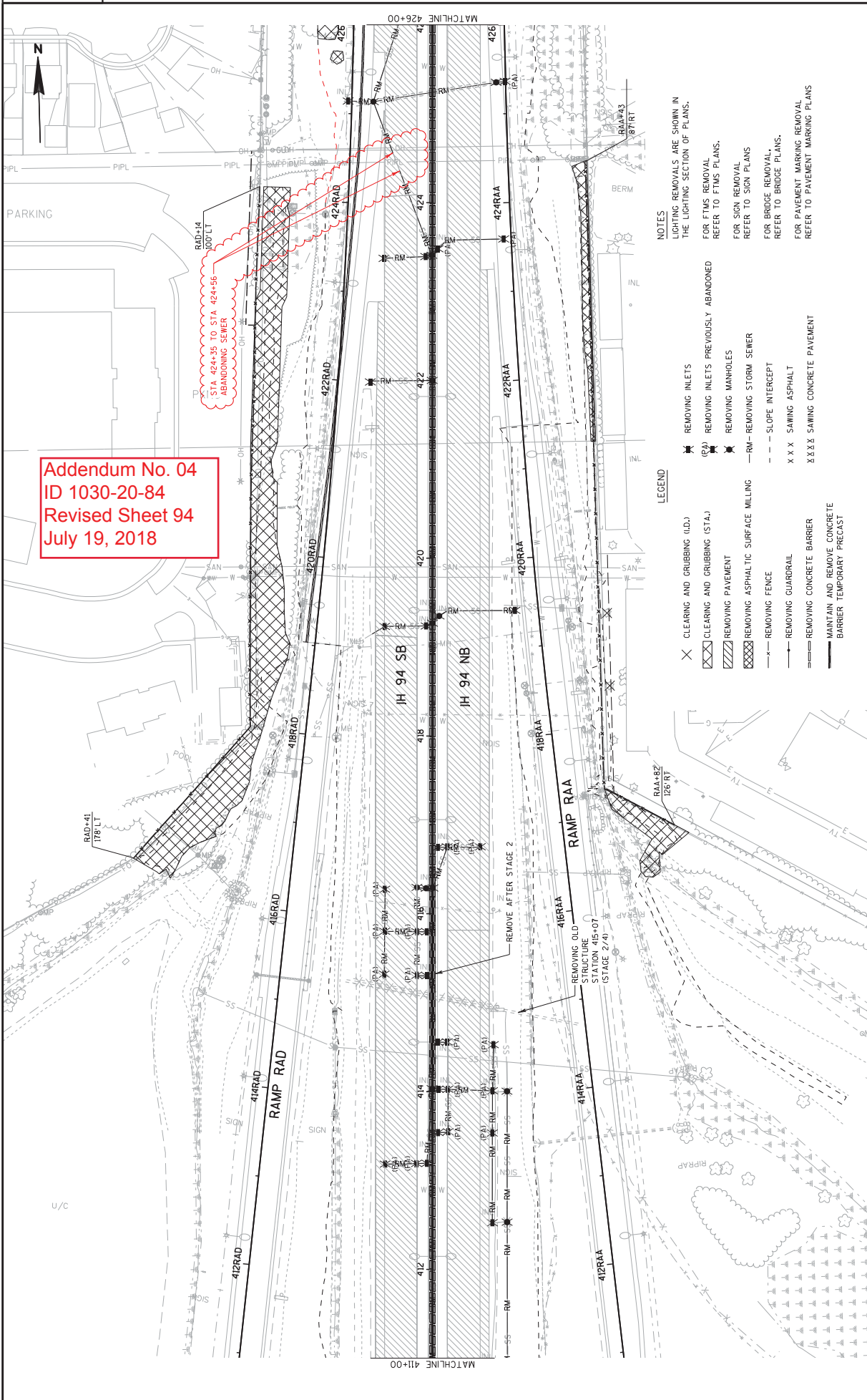
CONSTRUCTION DETAILS

COUNTY: MILWAUKEE

HWY: IH 94

PROJECT NO: 1030-20-84

SHEET 63



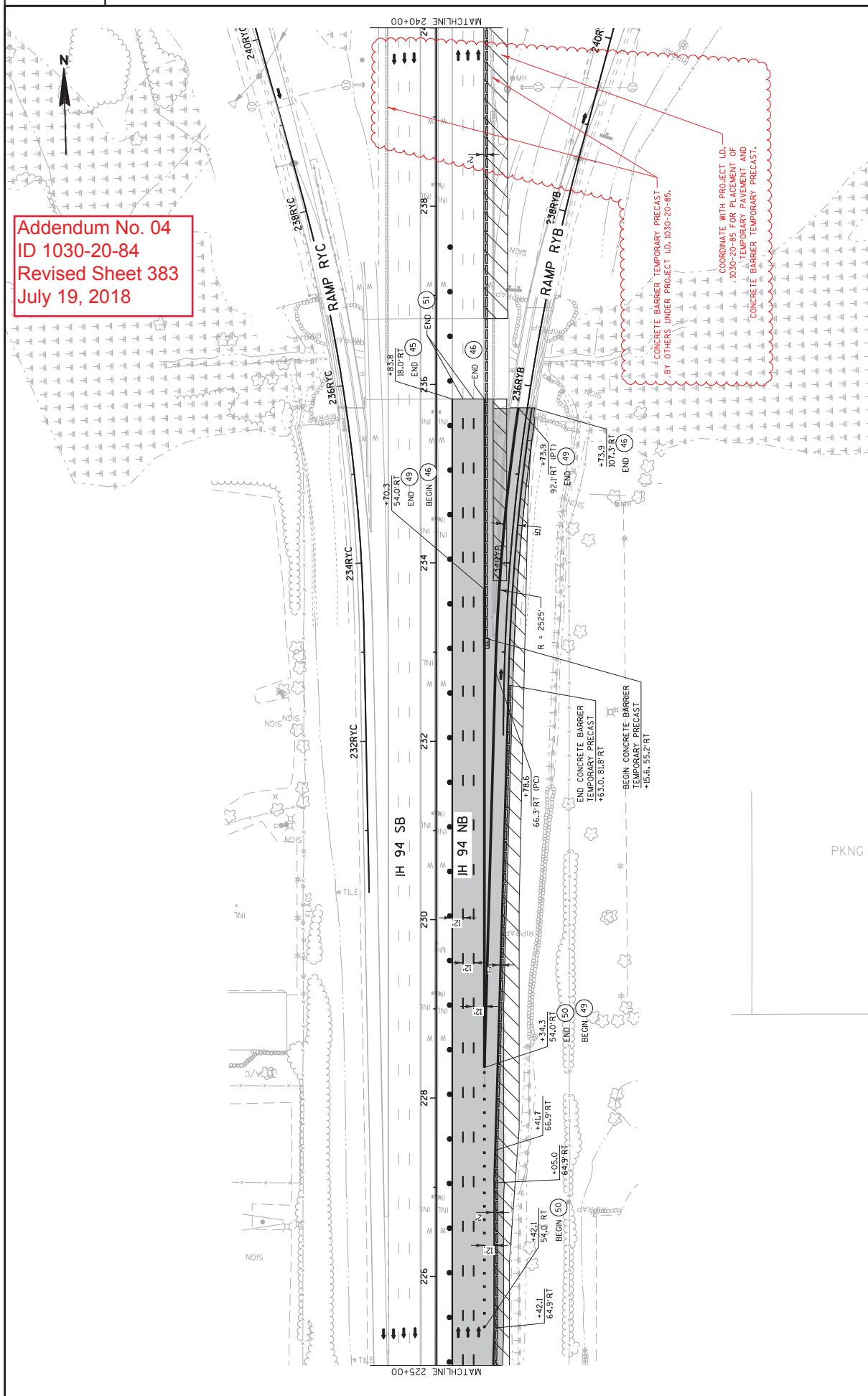
Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 94  
 July 19, 2018

- LEGEND**
- X CLEARING AND GRUBBING (I.D.)
  - ▨ CLEARING AND GRUBBING (STAJ)
  - ▧ REMOVING PAVEMENT
  - ▩ REMOVING ASPHALTIC SURFACE MILLING
  - x- REMOVING FENCE
  - REMOVING GUARDRAIL
  - ▬▬▬ REMOVING CONCRETE BARRIER
  - ▬▬▬ MAINTAIN AND REMOVE CONCRETE BARRIER TEMPORARY PRECAST
  - ⊗ REMOVING INLETS
  - (PA) REMOVING INLETS PREVIOUSLY ABANDONED
  - ⊗ REMOVING MANHOLES
  - RM— REMOVING STORM SEWER
  - - - SLOPE INTERCEPT
  - X X X SAWING ASPHALT
  - X X X X SAWING CONCRETE PAVEMENT
- NOTES**
- LIGHTING REMOVALS ARE SHOWN IN THE LIGHTING SECTION OF PLANS.
  - FOR FTMS REMOVAL REFER TO FTMS PLANS.
  - FOR SIGN REMOVAL REFER TO SIGN PLANS
  - FOR BRIDGE REMOVAL, REFER TO BRIDGE PLANS.
  - FOR PAVEMENT MARKING REMOVAL REFER TO PAVEMENT MARKING PLANS





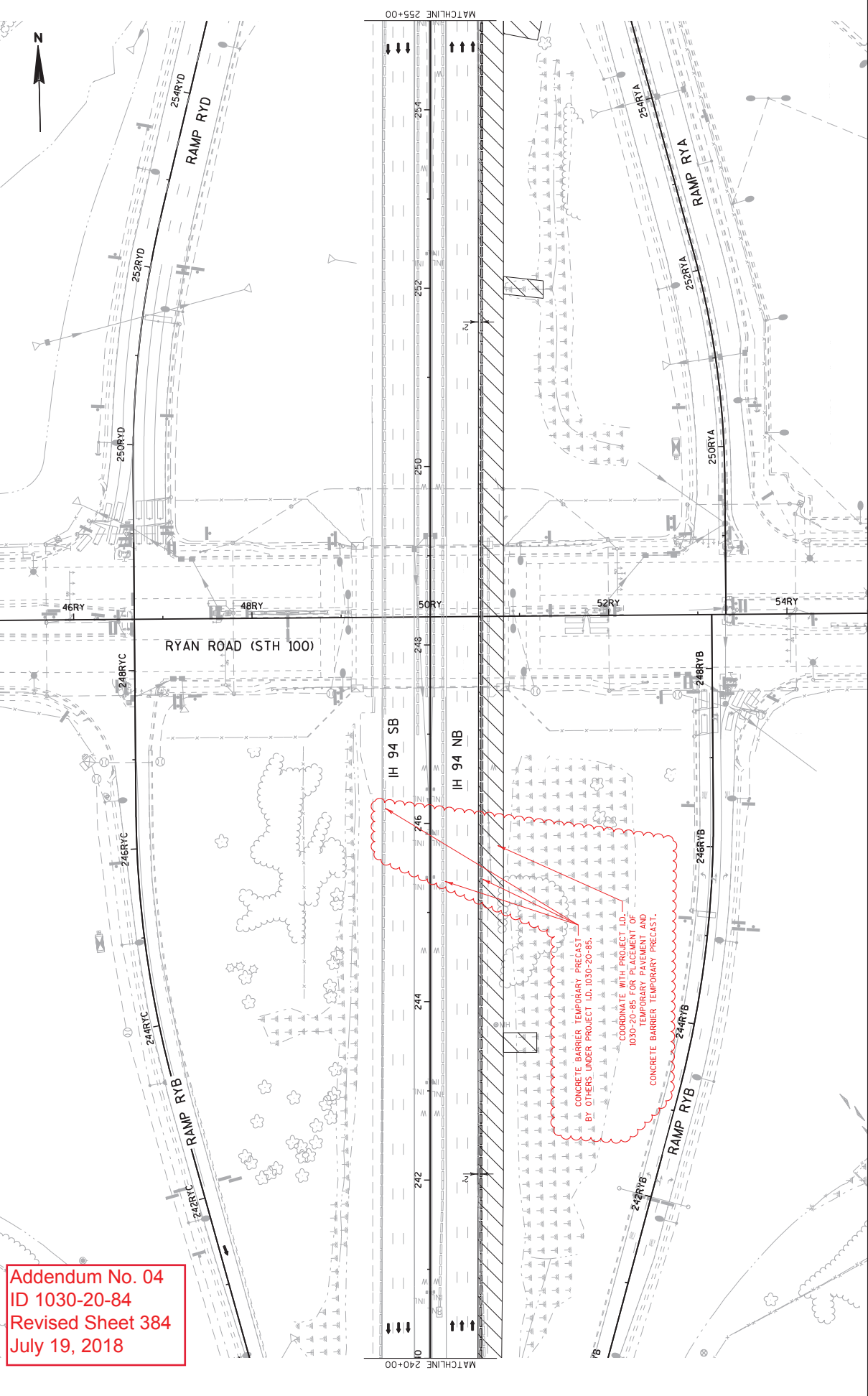
Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 383  
 July 19, 2018



CONCRETE BARRIER TEMPORARY PRECAST  
 BY OTHERS UNDER PROJECT ID. 1030-20-85.

COORDINATE WITH PROJECT ID.  
 1030-20-85 FOR PLACEMENT OF  
 TEMPORARY PAVEMENT AND  
 CONCRETE BARRIER TEMPORARY PRECAST.

2



Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 384  
 July 19, 2018

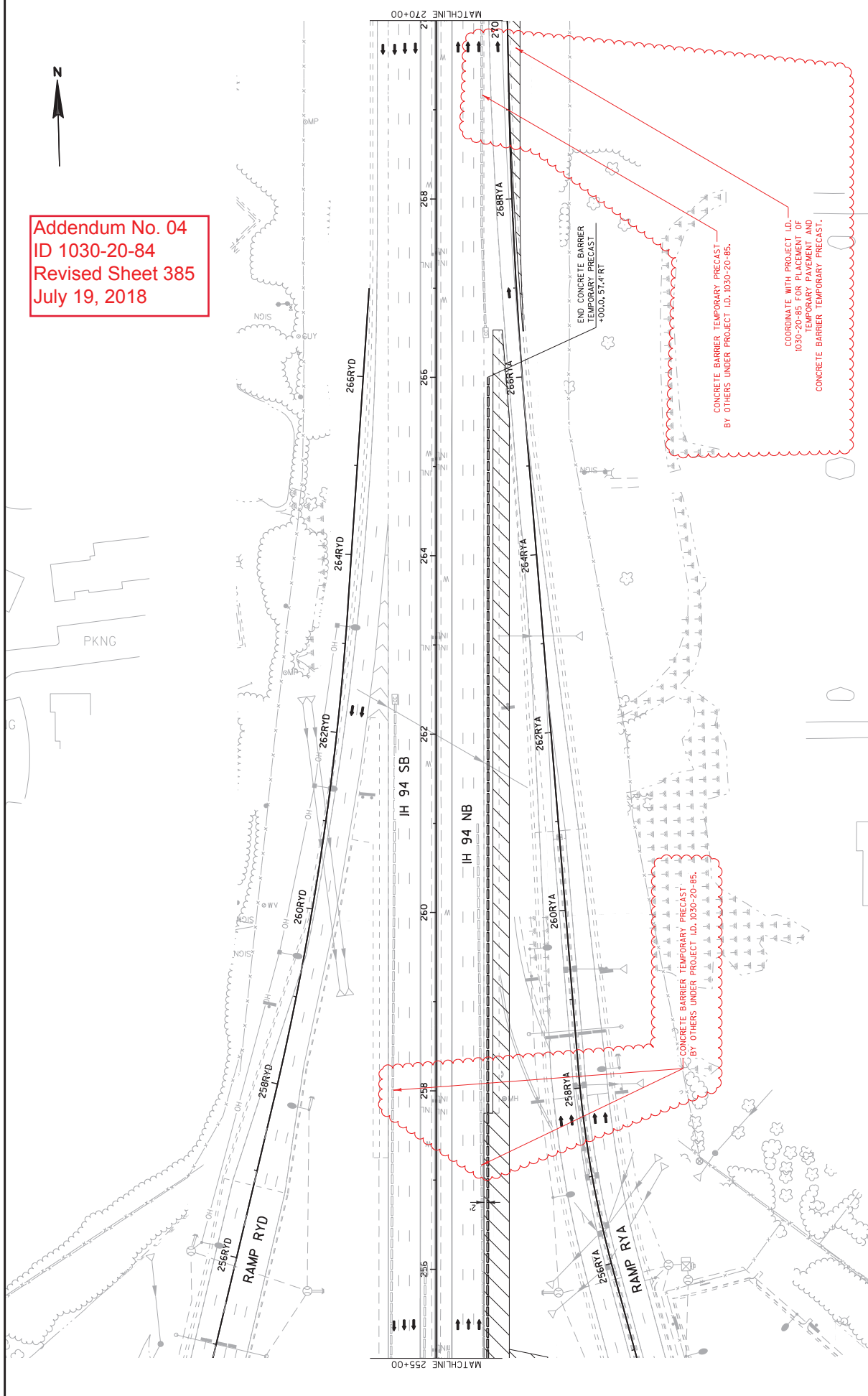
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PROJECT NO: 1030-20-84      HWY: IH 94      COUNTY: MILWAUKEE      STAGE IA / IB CONSTRUCTION      SHEET 384      E

FILE NAME : S:\V-Info\Drawings\MIL\10302084\_SMRoads\cbs\026003\_s10.dgn      PLOT DATE : 17-JUL-2018 13:36      PLOT BY : meskcm      PLOT SCALE : 100:1      WISDOT/CADDIS SHEET 42



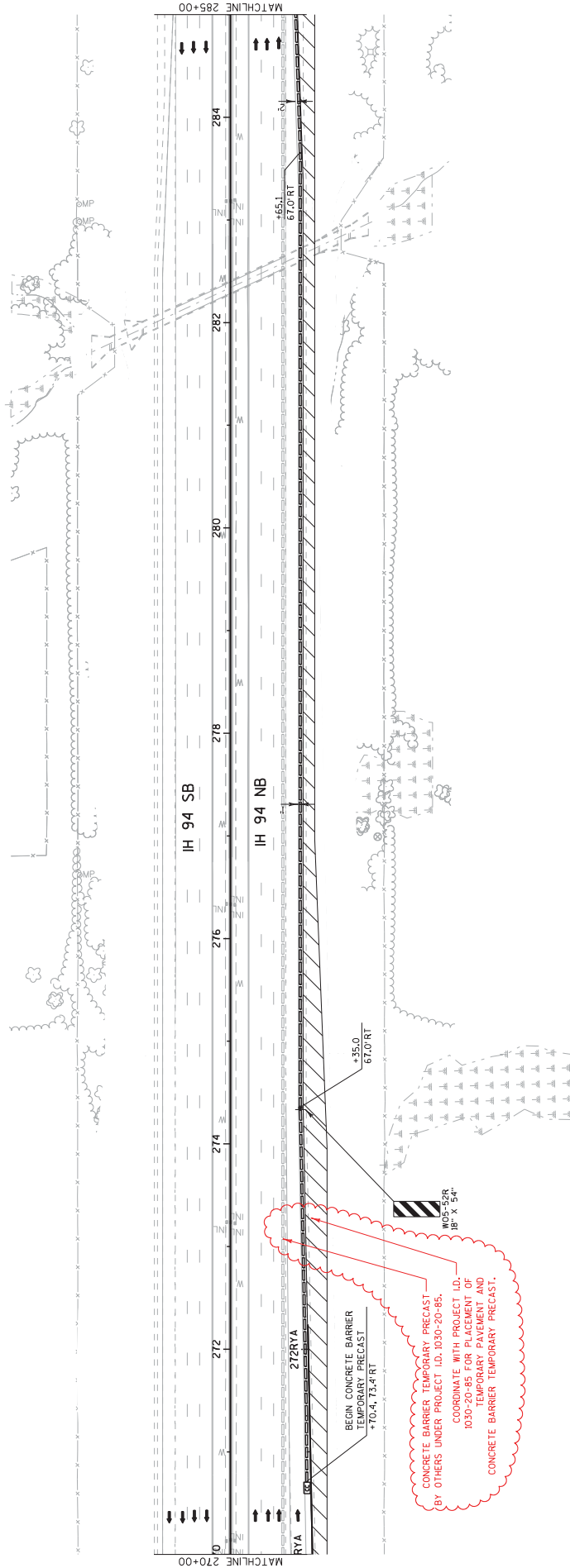
Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 385  
 July 19, 2018



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY: MILWAUKEE	STAGE IA / IB CONSTRUCTION	SHEET 385	E
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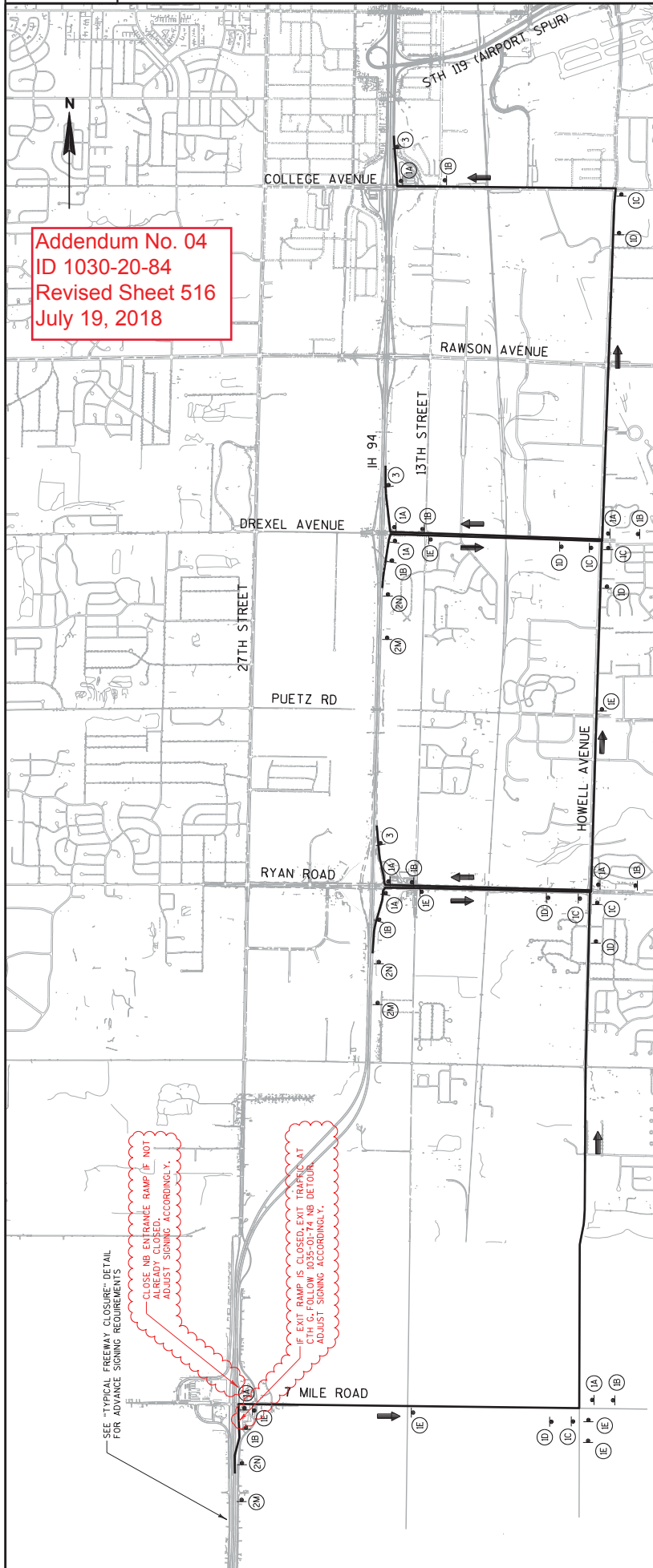
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Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 386  
 July 19, 2018





Addendum No. 04  
ID 1030-20-84  
Revised Sheet 516  
July 19, 2018



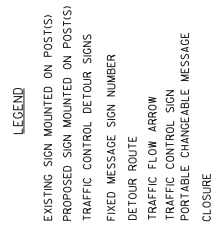
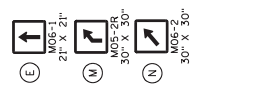
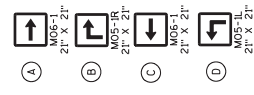
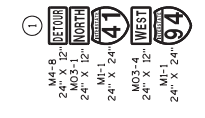
SEE "TYPICAL FREEWAY CLOSURE" DETAIL FOR ADVANCE SIGNING REQUIREMENTS

CLOSE NB ENTRANCE RAMP IF NOT ALREADY CLOSED. ADJUST SIGNING ACCORDINGLY.

IF EXIT RAMP IS CLOSED, EXIT TRAFFIC AT CTH. C. FOLLOW 1035-01-74 NB DETOUR. ADJUST SIGNING ACCORDINGLY.

GENERAL NOTES

- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.
- "M" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.
- LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS DETOUR SHALL BE COVERED AS DIRECTED BY THE ENGINEER.
- DETOUR SIGNS SHALL BE COVERED OR REMOVED WHEN DETOUR IS NOT IN USE OR AS DIRECTED BY THE ENGINEER.
- MULTIPLE DETOUR ROUTES, SIGNING, CHOOSE ROUTE AND SIGNING APPROPRIATE FOR FREEWAY CLOSURE LOCATION.



GENERAL NOTES

ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.

"W" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.

ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

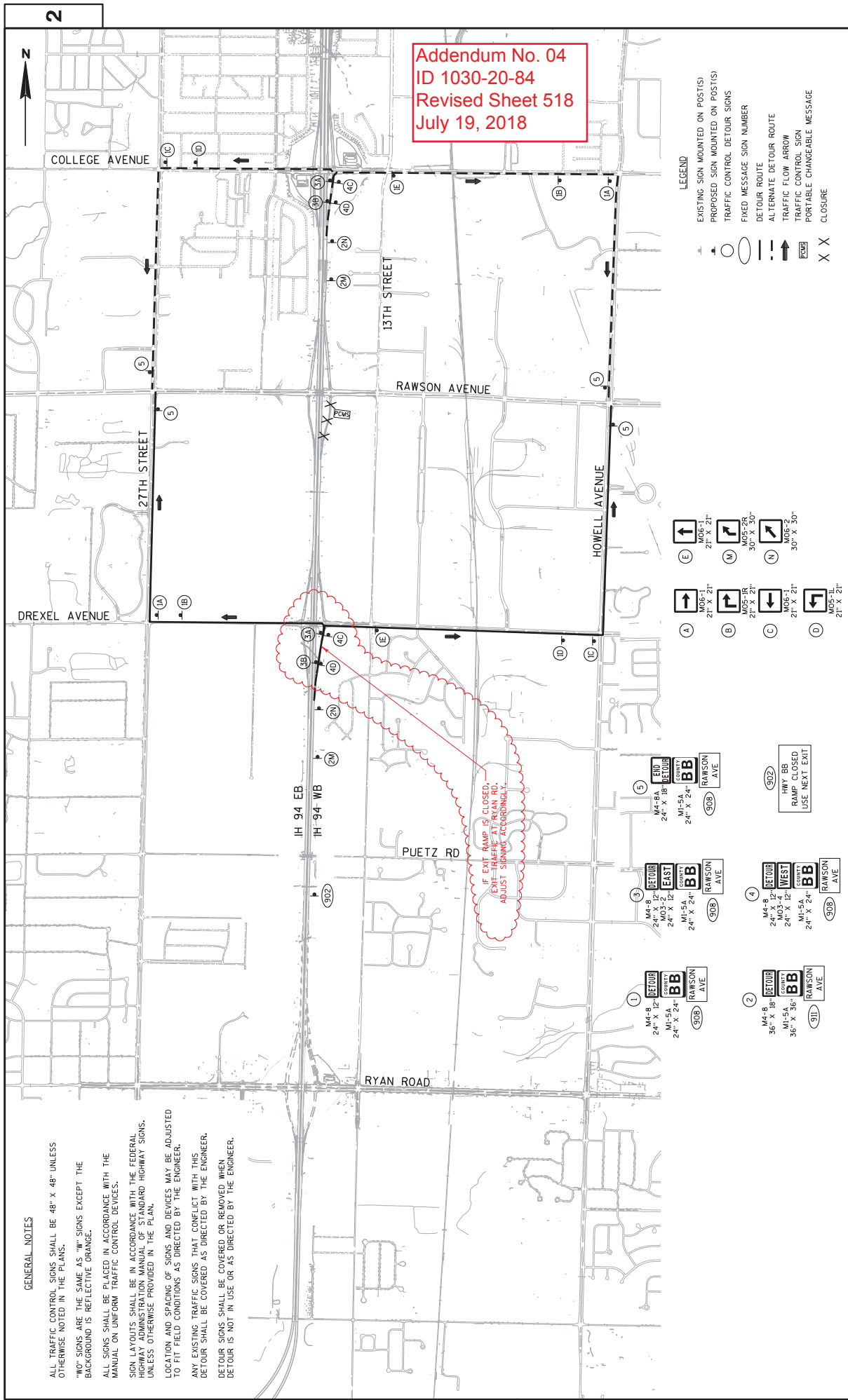
SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.

LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS DETOUR SHALL BE COVERED AS DIRECTED BY THE ENGINEER.

DETOUR SIGNS SHALL BE COVERED OR REMOVED WHEN DETOUR IS NOT IN USE OR AS DIRECTED BY THE ENGINEER.

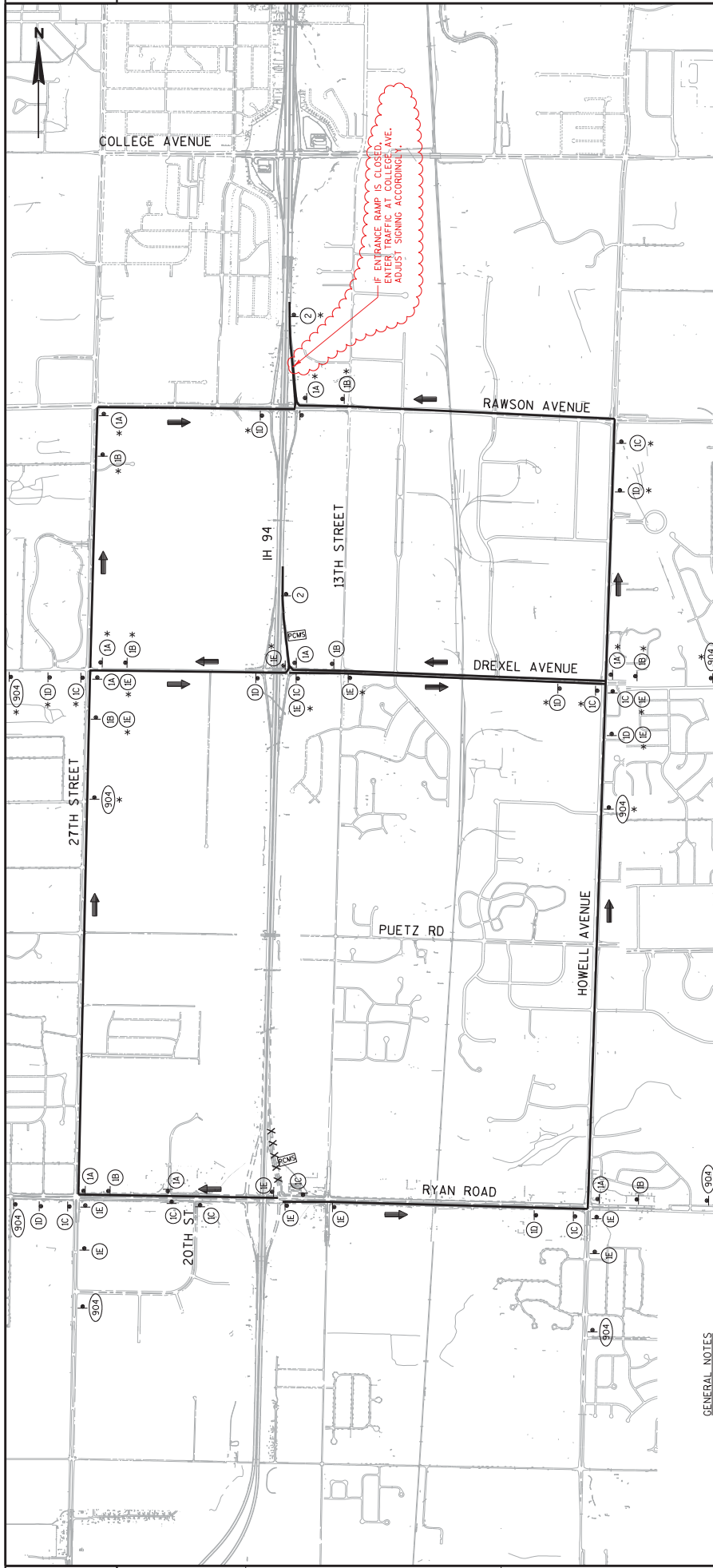
Addendum No. 04  
ID 1030-20-84  
Revised Sheet 518  
July 19, 2018



- LEGEND**
- EXISTING SIGN MOUNTED ON POST(S)
  - PROPOSED SIGN MOUNTED ON POST(S)
  - TRAFFIC CONTROL DETOUR SIGNS
  - FIXED MESSAGE SIGN NUMBER
  - DETOUR ROUTE
  - ALTERNATE DETOUR ROUTE
  - TRAFFIC FLOW ARROW
  - TRAFFIC CONTROL SIGN
  - PORTABLE CHANGEABLE MESSAGE
  - CLOSURE
- (A) M05-1 21" X 21"
  - (B) M05-1R 21" X 21"
  - (C) M05-1R 21" X 21"
  - (D) M05-1R 21" X 21"
  - (E) M05-1 21" X 21"
  - (M) M05-2R 30" X 30"
  - (N) M05-2R 30" X 30"





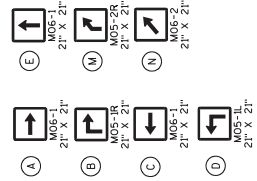
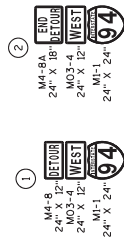


IF ENTRANCE RAMP IS CLOSED, ENTER TRAFFIC AT COLLEGE AVE. ADJUST SIGNING ACCORDINGLY.

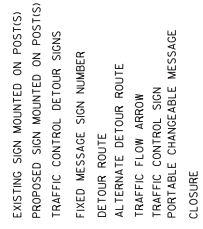
**GENERAL NOTES**

ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.  
 "W" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.  
 ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.  
 SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.  
 LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.  
 ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS DETOUR SHALL BE COVERED AS DIRECTED BY THE ENGINEER.  
 DETOUR SIGNS SHALL BE COVERED OR REMOVED WHEN DETOUR IS NOT IN USE OR AS DIRECTED BY THE ENGINEER.

\* USE FOR DREXEL AVENUE RAMP CLOSURE  
 ALL OTHER SIGNS USED FOR RYAN ROAD RAMP CLOSURE



**LEGEND**



GENERAL NOTES

ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.

"NO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.

ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.

LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

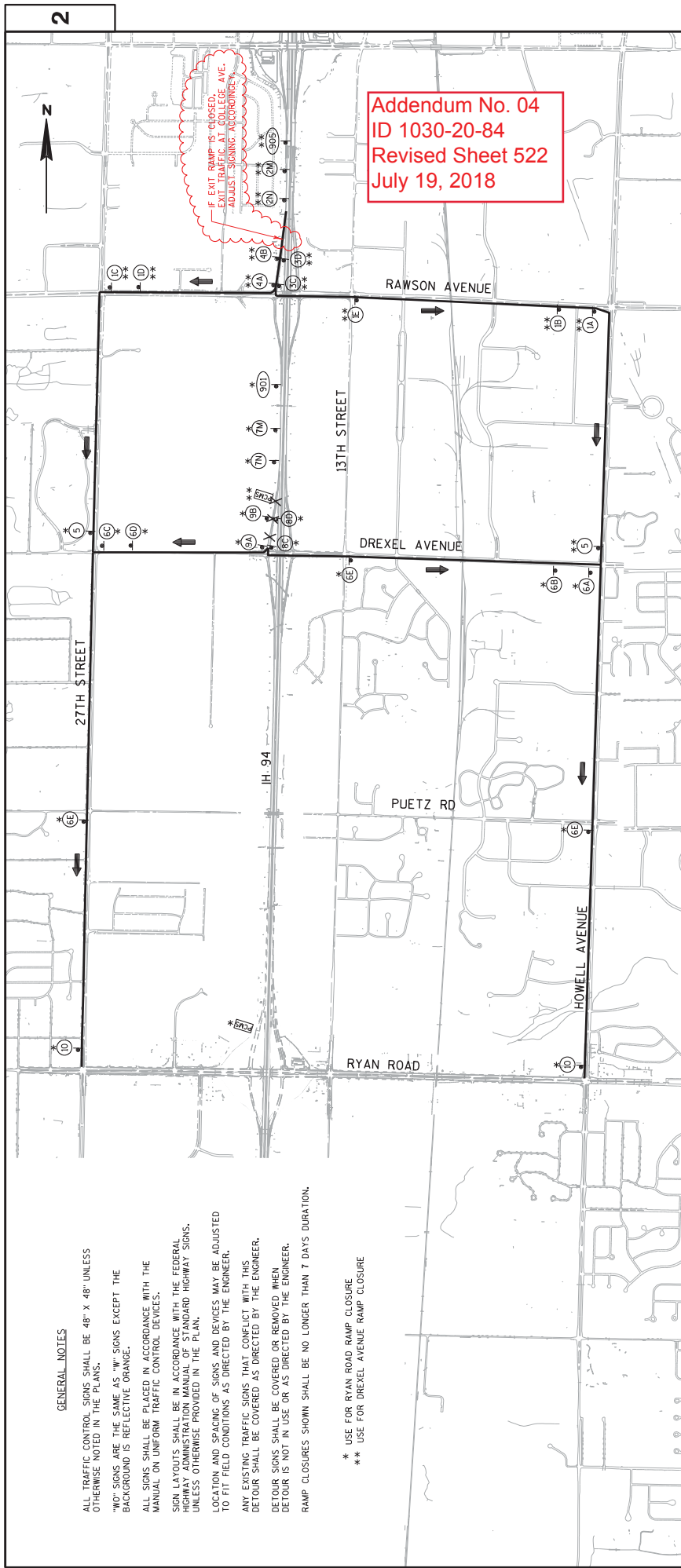
ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS DETOUR SHALL BE COVERED AS DIRECTED BY THE ENGINEER.

DETOUR SIGNS SHALL BE COVERED, OR REMOVED WHEN DETOUR IS NOT IN USE OR AS DIRECTED BY THE ENGINEER.

RAMP CLOSURES SHOWN SHALL BE NO LONGER THAN 7 DAYS DURATION.

\* USE FOR RYAN ROAD RAMP CLOSURE

\*\* USE FOR DREXEL AVENUE RAMP CLOSURE



Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 522  
 July 19, 2018

IF EXIT RAMP IS CLOSED,  
 EXIT TRAFFIC AT COLLEGE AVE.  
 ADJUST SIGNING ACCORDINGLY

- 1 M4-8 24" X 12" DETOUR DREXEL AVE (907)
- 2 M4-8 36" X 18" DETOUR DREXEL AVE (909)
- 3 M4-8 24" X 12" DETOUR DREXEL AVE (907)
- 4 M4-8 24" X 12" DETOUR WEST DREXEL AVE (907)
- 5 M4-8A 24" X 18" END DREXEL AVE (907)
- 6 M4-8 24" X 12" DETOUR DREXEL AVE (906)
- 7 M4-8 36" X 18" DETOUR WEST DREXEL AVE (907)
- 8 M4-8 24" X 12" DETOUR EAST DREXEL AVE (906)
- 9 M4-8 24" X 12" DETOUR WEST DREXEL AVE (906)
- 10 M4-8A 24" X 18" END DREXEL AVE (906)
- 11 M4-8 24" X 12" DETOUR RYAN RD (906)
- 12 M4-8 36" X 18" DETOUR RYAN RD (906)
- 13 M4-8 24" X 12" DETOUR RYAN RD (906)
- 14 M4-8 24" X 12" DETOUR RYAN RD (906)
- 15 M4-8 24" X 12" DETOUR RYAN RD (906)
- 16 M4-8 24" X 12" DETOUR RYAN RD (906)
- 17 M4-8 24" X 12" DETOUR RYAN RD (906)
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- 97 M4-8 24" X 12" DETOUR RYAN RD (906)
- 98 M4-8 24" X 12" DETOUR RYAN RD (906)
- 99 M4-8 24" X 12" DETOUR RYAN RD (906)
- 100 M4-8 24" X 12" DETOUR RYAN RD (906)







(CONTINUED FROM PREVIOUS SHEET)

REMOVING STORM SEWER (CONTD.)

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	FROM	OFFSET	12-INCH		15-INCH		18-INCH		21-INCH		24-INCH		27-INCH		30-INCH		36-INCH		42-INCH	
								LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
1000	2	H94-MEDIAN	415+29		416+28	55' LT	54' LT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		415+29		415+31	18' LT	4' LT	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		415+29		416+28	18' LT	17' LT	99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		415+79		415+80	54' LT	17' LT	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		415+80		415+80	17' LT	4' LT	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		416+29		416+28	5' LT	17' LT	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		419+24		419+24	54' LT	4' LT	50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		421+99		421+91	70' LT	C/L	71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		423+37		423+40	54' LT	5' LT	49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		425+10		425+13	89' LT	66' LT	23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		425+13		425+39	66' LT	94' RT	163	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		425+13		427+19	66' LT	C/L	217	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		425+13		424+56	66' LT	45' LT	62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		424+36		423+40	37' LT	1' RT	102	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		427+19		427+19	66' LT	5' LT	62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		429+10		429+09	66' LT	4' LT	61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		431+18		431+19	67' LT	4' LT	62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		433+38		433+39	66' LT	2' LT	64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2		435+57		435+58	66' LT	5' LT	61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
								402																	
								756																	



EARTHWORK SUMMARY

CATEGORY	STAGE	ROADWAY	FROM/TO STATION	EXCAVATION		EBS		ROADWAY		SOL DRYING		SUBGRADE	
				COMMON	EXCAVATION	BACKFILL	EMBANKMENT	TREATMENT	TREATMENT	TON	TON	TON	TON
1000	1	IH 94NB TEMPORARY WIDENING MEDIAN SHLDR REPAIR	220+00 to 436+00 215+81 to 436+00	17,580	2,637	2,637	5,295	0	197	198	527	12,285	24,102
				41,682	6,252	6,252	5,295	395	395	1,250	36,387		
	2	IH 94 SB RAMP RYC RAMP RYD RAMP DC RAMP DD RAMP RAC RAMP RAD IH 94 SB TEMPORARY WIDENING RYC TEMPORARY CROSSOVER RYD TEMPORARY CROSSOVER	220+00 to 436+19 233RY C+31 to 235RY C+75 256RY D+83 to 264RY D+75 340DC+00 to 344DC+76 365DD+00 to 368DD+77 393RA C+50 to 396RA C+19 419RA D+03 to 422RAD+61 220+00 to 404+50 223+81 to 228+12 273+00 to 281+00	144,121	21,618	21,618	22,932	197	197	4,324	121,189		
				807	121	121	60	24	24	747			
				3,497	525	525	901	105	105	2,566			
				1,778	267	267	1	53	53	1,777			
				1,297	195	195	4	39	39	1,293			
				789	118	118	437	24	24	362			
				1,505	226	226	25	45	45	1,479			
				0	0	0	330	0	0	330			
				185	28	28	0	6	6	185			
				6	1	1	302	0	0	296			
				153,984	23,099	23,099	24,992	199	199	4,620	128,992		
	3	IH 94 NB IH 94 SB RYA TEMPORARY CROSSOVER RYB TEMPORARY CROSSOVER DA TEMPORARY CROSSOVER DB TEMPORARY CROSSOVER NORTH TEMPORARY CROSSOVER	427+00 to 436+00 220+00 to 436+00 273+34 to 284+21 226+74 to 230+51 370+21 to 381+17 331+43 to 335+28 428+54 to 435+84	1,869	280	280	0	56	56	1,869			
				37,939	5,691	5,691	203	16	16	1,138			
				26	4	4	13	1	1	13			
				122	18	18	0	17	17	122			
				7,749	412	412	0	82	82	2,749			
				77	12	12	0	2	2	76			
				96	14	14	0	17	17	96			
				42,878	6,431	6,431	216	103	103	1,286	42,661		
	4	IH 94 NB RAMP RYA RAMP RYB RAMP DA RAMP DB RAMP RAA RAMP RAB RAMP RYB TEMPORARY CROSSOVER RAMP RYA TEMPORARY CROSSOVER	220+00 to 436+00 260RY A+90 to 269RY A+24 233RY B+80 to 235RY B+74 365DA+22 to 369DA+50 340DB+98 to 344DB+00 421RAA+48 to 425RAA+75 394RA B+48 to 396RA B+35 222+18 to 224+96 284+21 To 294+77	162,847	24,427	24,427	22,824	197	197	4,885	140,022		
				2,723	408	408	814	0	0	82	1,909		
				668	100	100	151	20	20	517			
				1,487	223	223	0	45	45	1,480			
				860	129	129	0	26	26	860			
				1,912	287	287	109	2	2	1,803			
				604	91	91	21	3	3	583			
				36	5	5	0	4	4	36			
				139	21	21	0	21	21	139			
				171,277	25,691	25,691	23,927	212	212	5,138	147,349		
	5	IH 94SB TEMPORARY WIDENING	220+00 to 436+00	7,073	1,061	1,061	0	212	212	7,073			
				7,073	1,061	1,061	0	0	0	212	7,073		
				416,893	62,534	62,534	54,431	909	909	12,506	362,462		

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ID 1030-20-84  
Revised Sheet 581  
July 19, 2018

Notes:

- 1) Cut Volume Includes Concrete and Asphaltic Surface Material.
- 2) EBS Excavation to be backfilled with EBS Backfill. **AH-EBS material is assumed to be wasted off-site.**
- 3) Roadway Embankment = Unexpanded Fill
- 4) The Mass Ordinate + or - quantity is calculated by stage. A positive quantity indicates an excess of material within the stage and a negative number indicates a shortage of material within the stage. Mass Ordinate = Cut-Embankment. The mass ordinate is for informational purposes only as Common Excavation and Roadway Embankment are not balanced for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite.
- 5) Geogrid Type SR is to be used in locations of EBS backfill. Quantity is listed elsewhere.



MISC STORM SEWER ITEMS

STATION	OFFSET FT	SEALING PIPES EACH	ABANDONING SEWER CY	TEMPORARY STORM SEWER PLUG EACH	SPV.0060.0009	RECONNECT STORM SEWER EACH	COMMENTS
228+59	109.3' RT	-	-	-	204.0280	204.0291.S	STAGE 4
228+66	112.6' RT	-	-	-	204.0280	204.0291.S	STAGE 4
232+99	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 109
236+86	C/L	1	-	-	204.0280	204.0291.S	EXISTING 27-INCH PIPE
243+54	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 120
252+09	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 127B
252+15	C/L	-	-	-	204.0280	204.0291.S	STAGE 1A/1B - FROM STR 127B
255+05	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 133
263+09	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 142
263+09	89.4' RT	-	-	-	204.0280	204.0291.S	STAGE 1A/1B - EXISTING 24"x38" FROM STR
282+77	80.8'	1	-	-	204.0280	204.0291.S	EXISTING 12-INCH FROM STR
290+41	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 161
293+35	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 164
294+43	11.2' RT	1	-	-	204.0280	204.0291.S	EXISTING 24-INCH PIPE
294+55	11.6' RT	1	-	-	204.0280	204.0291.S	EXISTING 30-INCH PIPE
295+98	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 167C
298+00	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 170
308+00	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 177
313+00	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 183
328+00	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 194
333+95	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 201
336+63	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 204
339+25	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 208
339+34	103.3' LT	-	-	-	204.0280	204.0291.S	STAGE 2 - 72-INCH CULVERT
339+44	104.0' LT	-	-	-	204.0280	204.0291.S	STAGE 2 - 54-INCH CULVERT
SUBTOTALS		4	-	-	15	21	

MISC STORM SEWER ITEMS (CONTD)

STATION	OFFSET FT	SEALING PIPES EACH	ABANDONING SEWER CY	TEMPORARY STORM SEWER PLUG EACH	SPV.0060.0009	RECONNECT STORM SEWER EACH	COMMENTS
340+15	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1A/1B - 72-INCH CULVERT
340+24	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1A/1B - 54-INCH CULVERT
342+25	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 212
344+92	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 216
345+56	94.8' RT	-	-	-	204.0280	204.0291.S	STAGE 1A/1B - EXISTING 24" PIPE
347+83	35.6' RT	1	-	-	204.0280	204.0291.S	EXISTING 18-INCH PIPE
350+00	C/L	-	9.4	-	204.0280	204.0291.S	ABANDON EXISTING 36" PIPE
350+36	C/L	-	9.4	-	204.0280	204.0291.S	ABANDON EXISTING 36" PIPE
352+00	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 223
360+19	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 233
366+67	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 239
366+67	63.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1B - EXISTING 24" PIPE
369+67	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 242
381+55	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 254
385+24	C/L	1	-	-	204.0280	204.0291.S	EXISTING 18-INCH PIPE
387+35	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 259
404+57	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 278
406+07	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1A/1B - FROM STR 283
413+47	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 290
416+45	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 293
416+45	103.7' RT	-	-	-	204.0280	204.0291.S	STAGE 1A/1B EXISTING 24" PIPE
419+46	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 297
419+46	80.1' RT	-	-	-	204.0280	204.0291.S	STAGE 1A/1B - EXISTING 24" PIPE
422+00	C/L	-	-	-	204.0280	204.0291.S	STAGE 1C - EXISTING PIPE
422+45	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 302
423+40	C/L	-	-	-	204.0280	204.0291.S	STAGE 1C - EXISTING PIPE
424+36	37' LT	-	4.0	-	204.0280	204.0291.S	ABANDON EXISTING 30" PIPE
425+45	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 307
428+45	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 311
430+17	36.0' RT	-	-	-	204.0280	204.0291.S	STAGE 1C - FROM STR 315
432+00	C/L	-	-	-	204.0280	204.0291.S	STAGE 1C - EXISTING PIPE
435+00	C/L	-	-	-	204.0280	204.0291.S	STAGE 1C - EXISTING PIPE
436+15	107.9' LT	-	-	-	204.0280	204.0291.S	STAGE 2
SUBTOTALS		2	22.8	16	32	32	
TOTALS		6	22.8	31	53	53	

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 ID 1030-20-84  
 Revised Sheet 617  
 July 19, 2018

ALL QUANTITIES ON THIS PAGE CATEGORY 1000

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 12  
 July 3, 2018

PIPE UNDERDRAIN ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	LF	LF	6-INCH UNPERFORATED UNDERDRAIN	6-INCH REINFORCED CONCRETE FOR UNDERDRAIN	6-INCH A IRON ENDWALLS	645.0111 GEOTEXTILE FABRIC TYPE DF SCHEDULE A	646.5520 MARKING OUTFALL EPOXY
1000	2	IH 94 SB	256RYD+83	267+65	LT	1,080	--	--	--	--	640	--	--
			259+06	282+00	LT	281	--	--	--	--	172	--	--
			422RAD+44	424+34	LT	189	--	--	--	--	112	--	--
			424+54	436+19	LT	1,163	--	--	--	--	689	--	--
			<b>SUBTOTALS</b>			<b>2,723</b>	--	--	--	--	<b>1,613</b>	--	--
1000	3	IH 94 SB	220+00	235+50	5.25' LT	1,550	--	--	--	--	919	--	--
			237+25	431+90	5.25' LT	19,465	--	--	--	--	11,535	--	--
			<b>SUBTOTALS</b>			<b>21,015</b>	--	--	--	--	<b>12,454</b>	--	--
1000	4	IH 94 NB	294+17	294+35	RT	18	13	1	1	1	11	1	1
			294+56	308+00	RT	1,344	--	--	--	--	796	--	--
			333+60	339+25	RT	565	--	--	--	--	335	--	--
			339+25	339+90	RT	65	--	--	--	--	113	--	--
			353+80	355+70	RT	190	--	--	--	--	57	--	--
			421RAA+47	422RAA+44	RT	97	13	1	1	1	152	1	1
			422RAA+44	425RAA+00	RT	256	--	--	--	--	152	--	--
			<b>SUBTOTALS</b>			<b>2,535</b>	26	2	2	2	<b>1,464</b>	2	2
1000	5	IH 94 SB	294+00	294+28	LT	28	9	1	1	1	17	1	1
			294+56	316+75	LT	2,219	--	--	--	--	1,315	--	--
			348+00	359+50	LT	1,150	--	--	--	--	681	--	--
			<b>SUBTOTALS</b>			<b>3,397</b>	9	1	1	1	<b>2,013</b>	1	1
			<b>TOTALS</b>			<b>29,670</b>	35	3	3	3	<b>17,544</b>	3	3

Addendum No. 04  
ID 1030-20-84  
Revised Sheet 633  
July 19, 2018

TRAFFIC CONTROL ITEMS (DETOUR)

CATEGORY	LOCATION	643.0300*		643.0420*		643.0705*		643.0715*		643.0800*		643.0900*		643.1051*		
		DURATION DAYS	EACH** DAYS	TRAFFIC CONTROL DURMS	TRAFFIC CONTROL BARRICADES TYPE II	TRAFFIC CONTROL WARNING LIGHTS TYPEA	TRAFFIC CONTROL WARNING LIGHTS TYPEB	TRAFFIC CONTROL WARNING LIGHTS TYPEC	TRAFFIC CONTROL ARROW BOARDS	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL PCMS WITH CELLULAR COMMUNICATIONS	EACH** DAYS	EACH** DAYS	EACH** DAYS	EACH** DAYS	
1000	H 94 NB	17	138	2,346	5	85	10	170	49	833	4	68	173	2,941	3	51
	ADVANCED PCMS	170	--	--	--	--	--	--	--	--	--	--	--	--	1	170
	H 94 SB	3	138	414	5	15	10	30	49	147	4	12	161	483	3	9
	ADVANCED PCMS	30	--	--	--	--	--	--	--	--	--	--	--	--	1	30
	NB EXIT TO RAWSON AVE	210	--	--	--	--	--	--	--	--	--	--	92	19,320	1	210
	NB EXIT TO RYAN ROAD	7	--	--	--	--	--	--	--	--	--	--	108	756	1	7
	NB ENTRANCE FROM RYAN RD	7	41	287	7	49	14	98	--	--	--	--	183	1,281	1	7
	NB EXIT TO DREXEL AVE	30	35	1,050	7	210	14	420	--	--	--	--	92	2,760	1	30
	NB ENTRANCE FROM DREXEL AVE	210	62	13,020	8	1,680	16	3,360	--	--	--	--	174	36,540	1	210
	NB ENTRANCE FROM RAWSON AVE	7	--	--	--	--	--	--	--	--	--	--	52	364	1	7
	SB EXIT TO RYAN ROAD	30	--	--	--	--	--	--	--	--	--	--	24	720	1	30
	SB EXIT TO DREXEL AVE	215	--	--	--	--	--	--	--	--	--	--	84	18,060	1	215
	SB EXIT TO RAWSON AVE	7	43	301	7	49	14	98	--	--	--	--	188	1,316	1	7
	SB ENTRANCE FROM RYAN RD	30	23	690	6	180	12	360	--	--	--	--	188	5,640	1	30
	SB ENTRANCE FROM DREXEL AVE	215	64	13,760	8	1,720	16	3,440	--	--	--	--	284	61,060	1	215
	SB ENTRANCE FROM RAWSON AVE	21	32	672	7	147	14	294	--	--	--	--	308	6,468	1	21
	SB ENTRANCE FROM COLLEGE AVE			32,540		4,135		8,270		980		80		162,539		1,339
	SUBTOTALS			3,254		414		827		98		8		16,254		134
	UNDISTRIBUTED			35,794		4,549		9,097		1,078		88		178,793		1,473
	TOTALS															

\* ADDITIONAL QUANTITIES FOUND ELSEWHERE  
\*\* FOR INFORMATION ONLY

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ID 1030-20-84  
Revised Sheet 634  
July 19, 2018

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	STAGE	SIGN NO.	SIGN SIZE			NUMBER OF SIGNS	FIXED MESSAGE	SIGN MESSAGE	COMMENT
			W FT	X FT	H FT				
643,1000 TRAFFIC CONTROL SIGNS									
1000	2B	220	4.00	X	2.00	1	CLOSED		G20-62
	2B	221	12.00	X	4.00	1	RAMP CLOSED		G20-64
	2C	222	12.00	X	4.00	1	RAMP CLOSED		G20-64
	2C	223	12.00	X	4.00	1	RAMP CLOSED		G20-64
	4A	420	12.00	X	4.00	1	RAMP CLOSED		G20-64
	4A	421	12.00	X	4.00	1	RAMP CLOSED		G20-64
	4B	422	12.00	X	4.00	1	RAMP CLOSED		G20-64
	4B	423	12.00	X	4.00	1	RAMP CLOSED		G20-64
DETOURS									
		901	10.00	X	4.50	2	HWY 100 RAMP CLOSED USE NEXT EXIT		
		902	10.00	X	4.50	2	HWY BB RAMP CLOSED USE NEXT EXIT		
		903	5.50	X	3.00	16	I-94 SOUTH RAMP CLOSED FOLLOW DETOUR		
		904	5.50	X	3.00	12	I-94 NORTH RAMP CLOSED FOLLOW DETOUR		
		905	10.00	X	4.50	2	DREXEL AVE RAMP CLOSED USE NEXT EXIT		
		906	2.00	X	2.00	37	RYAN RD		
		907	2.50	X	2.00	52	DREXEL AVE		
		908	2.50	X	2.00	44	RAWSON AVE		
		909	3.00	X	2.50	8	DREXEL AVE		
		910	2.50	X	2.50	8	RYAN RD		
		911	3.50	X	2.50	8	RAWSON AVE		
		912	10.00	X	4.50	2	HWY BB RAMP CLOSED USE EXIT 319		
SUBTOTALS							1,974.00		
UNDISTRIBUTED							494.00		
TOTALS							2,468		

ATTENUATOR ITEM

CATEGORY	ROADWAY	DAY	QUANTITY
1000	VARIOUS		9
UNDISTRIBUTED			9
TOTALS			9

TRAFFIC CONTROL CLOSURE ITEMS

CATEGORY	ROADWAY	CONTROL	QUANTITY
1000	VARIOUS		30
UNDISTRIBUTED			6
TOTALS			36

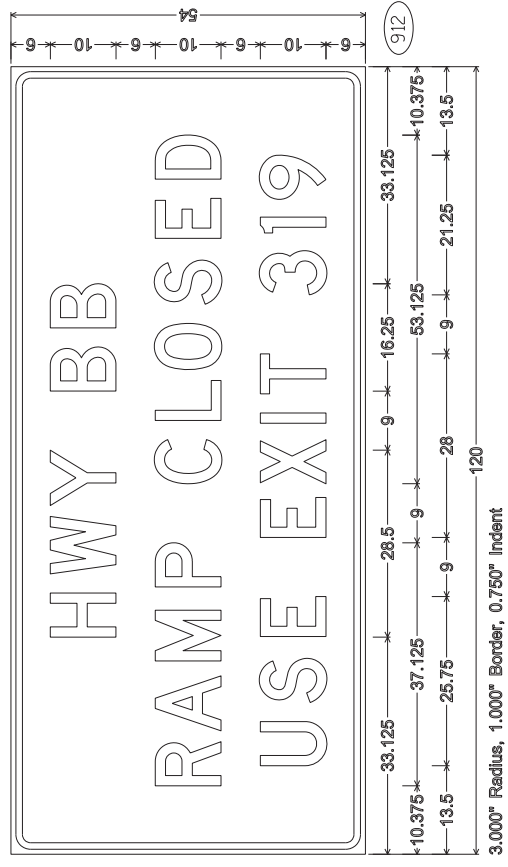
  

CATEGORY	ROADWAY	CONTROL	QUANTITY
643.4100.S		TRAFFIC CONTROL	643.5000
643.4100.S		TRAFFIC CONTROL	643.5000
SPV.0060.0037		TRAFFIC CONTROL	SPV.0060.0048
SPV.0060.0037		TRAFFIC CONTROL	SPV.0060.0048
TRAFFIC CONTROL		CLOSE-OPEN	TRAFFIC CONTROL
FREEWAY ENTRANCE		RAMP	FREEWAY ENTRANCE
EACH		EACH	EACH
33		33	20
6		6	5
TOTALS			39

NOTES

1. All Signs Type II - Type F Reflective
2. Color:  
Background - Orange  
Message - Black
3. Message Series - D

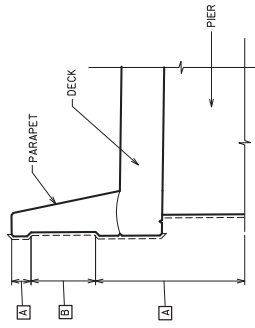
Addendum No. 04  
ID 1030-20-84  
New Sheet 898A  
July 19, 2018



**TOTAL ESTIMATED QUANTITIES**

ITEM NO.	BID ITEMS	UNIT	S. APPROACH SLAB	SOUTH ABUTMENT	PIER 1	PIER 2	NORTH ABUTMENT	N. APPROACH SLAB	SUPER	TOTAL
203.0200.5.0007	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-228	LS	-	-	-	-	-	-	1	1
203.0700.5.0003	PROVISION FOR WATERWAY WITH DEBRIS CAPTURE SYSTEM STA 236+40	LS	-	-	-	-	-	-	-	-
206.000.4806	EXCAVATION FOR STRUCTURES BRIDGES B-40-806	LS	-	-	-	-	-	-	-	-
206.5000.4006	CONCRETE STRUCTURE B-40-806	TON	-	-	-	-	-	-	-	-
210.1600	BACKFILL STRUCTURE TYPE A	TON	-	-	-	-	-	-	-	-
305.0125	BASE AGGREGATE DENSE 1 1/4-INCH	LB	116	-	-	-	-	116	-	232
501.000.5	ICE HOT WEATHER CONCRETE	LB	720	350	680	670	380	710	3820	7,330
502.0100	CONCRETE MASONRY BRIDGES	CY	21	46	91	89	50	21	160	318
502.0200	PROTECTIVE SURFACE TREATMENT	SY	160	-	-	-	-	-	936	1,256
502.0210	PIGMENTED SURFACE SEALER	SY	10	-	-	-	-	20	110	140
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	15,930	4,670	4,200	4,200	5,310	16,760	123,530	174,600
505.0800.5	TEMPORARY SHORING STRUCTURE B-40-806	LB	560	-	-	-	-	570	-	1,130
512.000.0001	RUBBERIZED MEMBRANE WATERPROOFING	SF	-	115	-	-	-	-	-	115
516.0500	CONCRETE STAINING STRUCTURE B-40-806	SY	4	221	200	200	17	71	1480	2,373
517.000.5.4010	PILE REDWAXING	EACH	-	1,645	1,360	1,360	1,045	-	-	4,790
520.0300	BRAP HEAVY	CY	-	195	26	26	202	-	-	443
606.0300	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	-	85	-	-	113	-	-	198
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	1	-	-	-	-	-	-	1
645.0111	GEOTEXTILE TYPE OF SCHEDULE A	SY	-	80	-	-	-	-	-	160
645.0121	GEOTEXTILE TYPE HR	SY	-	292	131	125	300	-	-	848
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	-	-	-	-	-	-	60	60
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	-	-	-	-	-	-	749	749
653.0222	JUNCTION BOXES 18X24X6-INCH	EACH	-	-	-	-	-	-	2	2
SPV.0035.4000	HPC MASONRY STRUCTURES	CY	75	-	-	-	-	80	509	664
SPV.0165.4001	LONGITUDINAL GROOVING BRIDGE DECK	SF	1,440	-	-	-	-	1,440	8,080	10,960
	FILLER	SIZE								2'-7 1/2" & 1"
	NON-BID ITEMS									

ALL BID ITEMS ARE CATEGORY 2290



**CONCRETE STAINING DETAIL**

**CONCRETE STAINING SCHEME**

MARK	COLOR	LOCATION	NOTES
[A]	BASE COLOR	SLOPED FACE PARAPET DECK	EXTERIOR SIDE, EXCEPT AS NOTED FOR ACCENT COLORS
[B]	ACCENT COLOR #1	PARAPETS	RECESSED PANELS ON EXTERIOR FACE

- [A] BASE COLOR: WHOLE WHEAT - SW 6121, FN 122, FEDERAL COLOR NO. 33564
- [B] ACCENT COLOR #1: BAGUETTE - SW 6123, FN 124, FEDERAL COLOR NO. 33448.

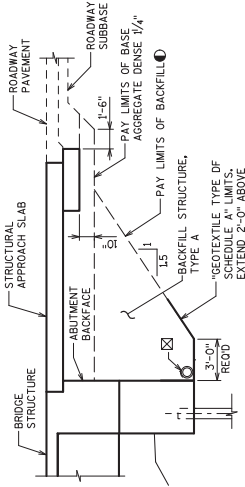


FILE NAME: F:\BHM\BHC\ College South 1544\LS\Structure\ Addendum B-40-806\addendum.00001.dwg

DATE: 7/19/18 4:58:17 PM

PLotted by: conanhan

STATE PROJECT NUMBER  
**1030-20-84**



**STRUCTURAL BACKFILL LIMITS**

**LEGEND**

- BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE SUBJECT TO EXCAVATION FOR STRUCTURE LIMITS. EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.
- ☒ PIPE UNDERDRAIN WRAPPED 6-INCH, SLOPE 0.5% AT ENDS OF PIPE UNDERDRAIN.

**Addendum No. 04  
ID 1030-20-84  
Revised Sheet 969  
July 19, 2018**

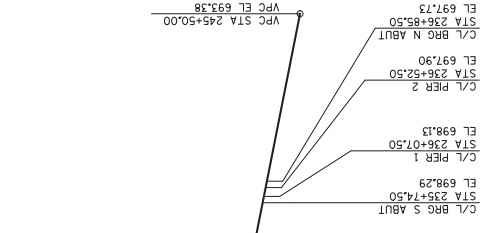
NO. DATE REVISION BY  
7/19/18 ADDENDUM NO. 4 BDT  
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-806  
DRAWN BY: T.A.L. PLANS BY: BDT

QUANTITIES AND PROFILE GRADE LINE  
SHEET 3 OF 22  
969

*William C. Dulac*  
7/19/18

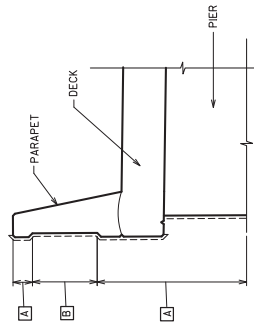
**PROFILE GRADE LINE - IH 94 NB**



TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	S. APPROACH SLAB	SOUTH ABUTMENT	PIER 1	PIER 2	NORTH ABUTMENT	N. APPROACH SLAB	SUPER	TOTAL
203.0700.S.0004	REMOVING OLD STRUCTURE OVER WATERWAY WITH DEBRIS CAPTURE SYSTEM STA. 236+60	LS	-	-	-	-	-	-	-	1
206.1000.4807	EXCAVATION FOR STRUCTURES BRIDGES B-40-807	LS	-	-	-	-	-	-	-	1
206.5000.4007	COFFERDAMS STRUCTURE B-40-807	LS	-	-	-	-	-	-	-	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	130	-	-	122	-	-	-	252
305.025	BASE AGGREGATE DENSE 1 1/4-INCH	CY	116	-	-	680	-	116	-	232
501.000.S	ICE HOT WEATHER CONCRETING	LB	760	380	690	380	760	380	3830	7480
502.000	CONCRETE MASONRY BRIDGES	CY	21	51	92	50	50	21	-	325
502.3200	PROTECTIVE SURFACE TREATMENT	SY	160	-	-	160	-	160	936	1256
502.3210	PIGMENTED SURFACE SEALER	SY	20	-	-	20	-	20	110	150
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	16,760	4,590	4,200	4,200	5,310	16,820	123,370	175,250
505.0600.S	TEMPORARY SHORING STRUCTURE B-40-807	LB	570	-	-	-	-	570	-	1140
512.000.002	RUBBERIZED MEMBRANE WATERPROOFING	SF	314	-	-	190	-	-	-	504
512.000.S.401	CONCRETE STAINING STRUCTURE B-40-807	SY	74	228	225	74	1151	-	-	34
512.000.S.401	FILLER FOR CONCRETE STAINING	LB	-	-	-	-	-	-	-	5,732
550.2100	PIPE UNDERDRAIN WRAPPED 12 1/4" X 0.375-INCH	LF	1046	179	1350	1046	-	-	-	4190
606.0300	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	179	85	42	113	-	-	-	453
612.0406	ANCHOR ASSEMBLES FOR STEEL PLATE BEAM GUARD	EACH	-	-	-	-	-	-	1	1
645.0111	GEOTEXTILE TYPE OF SCHEDULE A	SY	-	80	-	-	-	-	-	160
645.0120	GEOTEXTILE TYPE HR	SY	-	269	225	285	-	-	-	804
SPV.0035-4000	HPC MASONRY STRUCTURES	CY	80	-	-	80	-	80	511	671
SPV.0855-4001	LONGITUDINAL GROOVING BRIDGE DECK	SF	1440	-	-	-	-	1440	8080	10960
	FILLER	SIZE								2,274,1 & 1

ALL BID ITEMS ARE CATEGORY 2300

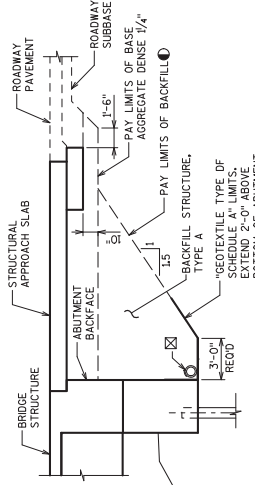


CONCRETE STAINING DETAIL

CONCRETE STAINING SCHEDULE

MARK	COLOR	LOCATION	NOTES
[A]	BASE COLOR	SLOPED FACE PARAPET DECK ABUTMENT TOP OF ABUTMENT TO 1'-0" BELOW FINAL GRADE PIER SIDES OF PIER TO 1'-0" BELOW FINAL GRADE	EXTERIOR SIDE, EXCEPT AS NOTED FOR ACCENT COLORS FASCIA EXTERIOR WING WALLS TO 1'-0" BELOW FINAL GRADE, FRONT FACE FROM TOP OF ABUTMENT TO 1'-0" BELOW FINAL GRADE SIDES OF PIER TO 1'-0" BELOW FINAL GRADE
[B]	ACCENT COLOR #1	PARAPETS	RECESSED PANELS ON EXTERIOR FACE

- [A] BASE COLOR: WHOLE WHEAT - SW 612L FN 122, FEDERAL COLOR NO. 33564
- [B] ACCENT COLOR #1: BAGUETTE - SW 6123, FN 124, FEDERAL COLOR NO. 33448.



STRUCTURAL BACKFILL LIMITS

LEGEND

- BACKFILL PAY LIMITS BEYOND BACKFILL STRUCTURES LIMITS OF EXCAVATION FOR DETERMINED BY THE CONTRACTOR.
- ☒ PIPE UNDERDRAIN WRAPPED 6-INCH, SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.

Addendum No. 04  
ID 1030-20-84  
Revised Sheet 991  
July 19, 2018



PROFILE GRADE LINE - IH 94 SB

ADDENDUM NO. 4  
NO. DATE: 7/19/18  
REVISION: BBT  
BY: WILSON'S ENGINEERING  
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-807

QUANTITIES AND PROFILE GRADE LINE  
SHEET 3 OF 20  
991

William C. Decker  
7/19/18

(CONTINUED)

Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
259+00	25900.00	50.00	146.93	24.50	275.83	60.94	13376.07	2281.26	11094.80
259+50	25950.00	50.00	150.95	19.66	275.81	40.89	13651.88	2322.15	11329.73
260+00	26000.00	50.00	152.77	18.27	281.22	35.12	13933.10	2357.27	11575.83
260+50	26050.00	50.00	150.20	14.84	280.53	30.66	14213.63	2387.93	11825.70
261+00	26100.00	50.00	149.69	14.82	277.68	27.46	14491.31	2415.39	12075.91
261+50	26150.00	50.00	143.02	13.08	271.03	25.83	14762.33	2441.23	12321.11
262+00	26200.00	50.00	138.17	11.40	260.36	22.67	15022.70	2463.89	12558.80
262+50	26250.00	50.00	136.31	5.28	254.15	15.44	15276.84	2479.34	12797.51
263+00	26300.00	50.00	139.20	1.75	255.10	6.51	15531.95	2485.85	13046.10
263+50	26350.00	50.00	136.28	2.41	255.07	3.85	15787.02	2489.70	13297.32
264+00	26400.00	50.00	137.24	0.00	253.26	2.23	16040.28	2491.93	13548.35
264+50	26450.00	50.00	124.68	0.00	242.52	0.00	16282.80	2491.93	13790.87
265+00	26500.00	50.00	117.07	0.64	223.84	0.59	16506.64	2492.52	14014.12
265+50	26550.00	50.00	93.32	0.00	194.81	0.59	16701.45	2493.12	14208.33
266+00	26600.00	50.00	91.48	0.00	171.11	0.00	16872.56	2493.12	14379.44
266+50	26650.00	50.00	90.74	0.00	168.72	0.00	17041.28	2493.12	14548.16
267+00	26700.00	50.00	90.40	0.00	167.72	0.00	17209.00	2493.12	14715.88
267+50	26750.00	50.00	89.31	0.00	166.40	0.00	17375.40	2493.12	14882.28
268+00	26800.00	50.00	91.42	0.00	167.34	0.00	17542.74	2493.12	15049.63
268+50	26850.00	50.00	93.70	0.00	171.41	0.00	17714.15	2493.12	15221.03
269+00	26900.00	50.00	92.57	0.00	172.47	0.00	17886.62	2493.12	15393.51
269+50	26950.00	50.00	156.27	41.75	230.41	38.66	18117.03	2531.77	15585.26
270+00	27000.00	50.00	135.04	44.05	269.73	79.44	18386.76	2611.22	15775.54
270+50	27050.00	50.00	120.91	42.04	236.99	79.71	18623.75	2690.93	15932.82
271+00	27100.00	50.00	101.20	40.38	205.66	76.31	18829.41	2767.25	16062.16
271+50	27150.00	50.00	83.33	43.23	170.86	77.42	19000.27	2844.66	16155.61
272+00	27200.00	50.00	80.08	49.05	151.31	85.44	19151.58	2930.11	16221.47
272+50	27250.00	50.00	82.37	47.18	150.42	89.10	19301.99	3019.21	16282.78
273+00	27300.00	50.00	77.96	47.13	148.45	87.32	19450.45	3106.53	16343.91
273+50	27350.00	50.00	81.25	45.91	147.42	86.15	19597.86	3192.68	16405.18
274+00	27400.00	50.00	77.94	46.83	147.40	85.87	19745.26	3278.55	16466.71
274+50	27450.00	50.00	78.56	45.08	144.91	85.10	19890.17	3363.65	16526.51
275+00	27500.00	50.00	96.47	48.70	162.06	86.83	20052.23	3450.49	16601.75
275+50	27550.00	50.00	107.12	54.07	188.51	95.16	20240.74	3545.64	16695.10
276+00	27600.00	50.00	112.00	59.78	202.89	105.42	20433.63	3651.06	16792.57
276+50	27650.00	50.00	99.64	66.18	195.96	116.63	20639.59	3767.69	16871.90
277+00	27700.00	50.00	85.18	71.62	171.13	127.59	20810.72	3895.28	16915.44
277+50	27750.00	50.00	104.40	59.96	175.54	121.83	20986.26	4017.12	16969.14
278+00	27800.00	50.00	108.10	67.18	196.76	117.72	21183.02	4134.84	17048.18
278+50	27850.00	50.00	125.75	65.90	216.53	123.22	21399.55	4258.06	17141.49
279+00	27900.00	50.00	148.06	63.36	253.53	119.69	21653.08	4377.75	17275.33
279+50	27950.00	50.00	161.12	60.40	286.28	114.59	21939.35	4492.34	17447.01
280+00	28000.00	50.00	138.39	57.12	277.32	108.81	22216.68	4601.15	17615.52
280+50	28050.00	50.00	116.14	58.99	235.68	107.51	22452.35	4708.66	17743.69
281+00	28100.00	50.00	95.55	80.22	196.01	128.90	22648.36	4837.56	17810.80

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1141  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1141

E

FILE NAME: S:\FinalDesign\Mill\10302084\_SMRoadsects\080101\_ew.ppt

PLOT DATE: 7/18/2018 7:02:00 PM

PLOT BY: MSCSEJ

PLOT NAME: 080101\_ew60

PLOT SCALE: 1:1



(CONTINUED)

Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
281+50	28150.00	50.00	64.92	125.14	148.58	190.15	22796.95	5027.71	17769.24
282+00	28200.00	50.00	41.73	173.44	98.75	276.46	22895.70	5304.17	17591.52
282+50	28250.00	50.00	73.34	62.70	106.55	218.65	23002.24	5522.82	17479.42
282+88	28288.42	38.42	70.52	63.49	102.35	89.78	23104.60	5612.60	17491.99
283+00	28300.00	11.58	76.04	64.18	31.43	27.38	23136.02	5639.98	17496.04
283+50	28350.00	50.00	68.76	101.69	134.07	153.58	23270.10	5793.56	17476.54
284+00	28400.00	50.00	214.38	64.59	262.17	153.96	23532.27	5947.53	17584.74
284+50	28450.00	50.00	97.19	62.05	288.49	117.26	23820.76	6064.79	17755.97
285+00	28500.00	50.00	82.56	58.61	166.44	111.72	23987.19	6176.51	17810.68
285+50	28550.00	50.00	66.21	61.53	162.70	146.56	23058.40	5450.73	17607.67
286+00	28600.00	50.00	64.24	61.80	120.79	114.19	23179.18	5564.93	17614.26
286+50	28650.00	50.00	69.30	64.47	123.65	116.92	23302.83	5681.84	17620.99
287+00	28700.00	50.00	74.26	65.76	132.93	120.58	23435.76	5802.43	17633.33
287+50	28750.00	50.00	72.70	101.41	136.07	154.79	23571.83	5957.21	17614.62
288+00	28800.00	50.00	67.68	97.51	129.98	184.19	23701.81	6141.40	17560.42
288+50	28850.00	50.00	72.89	96.94	130.16	180.05	23831.97	6321.44	17510.53
289+00	28900.00	50.00	71.09	94.97	133.31	177.69	23965.29	6499.14	17466.15
289+50	28950.00	50.00	67.41	100.54	128.24	181.03	24093.53	6680.17	17413.36
290+00	29000.00	50.00	63.29	100.41	121.02	186.06	24214.55	6866.23	17348.31
290+50	29050.00	50.00	62.88	99.64	116.82	185.23	24331.37	7051.46	17279.91
291+00	29100.00	50.00	70.55	96.51	123.55	181.62	24454.92	7233.08	17221.83
291+50	29150.00	50.00	78.86	97.03	138.34	179.20	24593.26	7412.29	17180.97
291+90	29189.76	39.76	92.22	89.99	125.97	137.70	24719.22	7549.99	17169.23
292+00	29200.00	10.24	90.24	88.45	34.60	33.84	24753.82	7583.83	17170.00
292+15	29214.74	14.74	89.41	84.68	49.04	47.26	24802.86	7631.08	17171.78
292+40	29239.72	24.98	92.23	80.96	84.03	76.62	24886.89	7707.71	17179.18
292+50	29250.00	10.28	92.78	80.82	35.22	30.80	24922.11	7738.51	17183.60
293+00	29300.00	50.00	108.61	79.37	186.47	148.32	25108.58	7886.83	17221.75
293+50	29350.00	50.00	122.36	74.66	213.86	142.62	25322.44	8029.45	17292.99
294+00	29400.00	50.00	163.35	59.00	264.55	123.76	25586.99	8153.21	17433.78
294+50	29450.00	50.00	161.88	17.71	301.14	71.03	25888.13	8224.24	17663.89
295+00	29500.00	50.00	183.36	19.01	319.67	34.00	26207.79	8258.24	17949.55
295+50	29550.00	50.00	226.91	0.04	379.88	17.64	26587.67	8275.88	18311.79
296+00	29600.00	50.00	243.72	0.01	435.77	0.05	27023.44	8275.92	18747.52
296+50	29650.00	50.00	254.77	0.00	461.56	0.01	27485.01	8275.93	19209.07
297+00	29700.00	50.00	258.31	0.00	475.07	0.00	27960.08	8275.93	19684.15
297+50	29750.00	50.00	271.31	0.00	490.39	0.00	28450.47	8275.93	20174.54
298+00	29800.00	50.00	255.74	0.00	488.01	0.00	28938.48	8275.93	20662.54
298+50	29850.00	50.00	252.38	0.00	470.48	0.00	29408.96	8275.93	21133.03
299+00	29900.00	50.00	246.84	0.00	462.24	0.00	29871.20	8275.93	21595.27
299+50	29950.00	50.00	259.34	0.00	468.69	0.00	30339.88	8275.93	22063.95
300+00	30000.00	50.00	230.69	9.45	453.73	8.75	30793.62	8284.68	22508.93
300+50	30050.00	50.00	232.32	17.62	428.71	25.06	31222.33	8309.75	22912.58
301+00	30100.00	50.00	238.94	15.89	436.35	31.03	31658.68	8340.78	23317.91
301+50	30150.00	50.00	254.90	0.00	457.26	14.71	32115.94	8355.49	23760.45

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1142  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1142

E

FILE NAME: S:\FinalDesign\Mill\10302084\_SMRoadsects\090101\_ew.ppt

PLOT DATE: 7/18/2018 7:02:00 PM

PLOT BY: MSCSEJ

PLOT NAME: 090101\_ew61

PLOT SCALE: 1:11

(CONTINUED)

Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
302+00	30200.00	50.00	266.07	0.00	482.38	0.00	32598.32	8355.49	24242.83
302+50	30250.00	50.00	279.20	0.00	504.88	0.00	33103.20	8355.49	24747.71
303+00	30300.00	50.00	288.03	3.26	525.21	3.02	33628.41	8358.51	25269.91
303+50	30350.00	50.00	307.62	2.33	551.53	5.18	34179.94	8363.68	25816.26
304+00	30400.00	50.00	319.82	5.90	580.96	7.62	34760.90	8371.30	26389.60
304+50	30450.00	50.00	323.99	5.90	596.12	10.93	35357.02	8382.23	26974.79
305+00	30500.00	50.00	316.35	6.99	592.91	11.94	35949.93	8394.16	27555.77
305+50	30550.00	50.00	303.03	3.96	573.50	10.14	36523.43	8404.30	28119.13
306+00	30600.00	50.00	278.27	5.75	538.24	8.99	37061.67	8413.29	28648.38
306+50	30650.00	50.00	245.90	9.84	485.34	14.44	37547.01	8427.73	29119.29
307+00	30700.00	50.00	217.49	3.06	429.06	11.94	37976.08	8439.67	29536.41
307+50	30750.00	50.00	209.26	0.20	395.14	3.02	38371.22	8442.69	29928.53
308+00	30800.00	50.00	317.85	8.19	488.06	7.77	38859.28	8450.46	30408.82
308+50	30850.00	50.00	329.47	6.42	599.37	13.53	39458.65	8463.99	30994.67
309+00	30900.00	50.00	275.30	6.63	559.97	12.08	40018.63	8476.07	31542.55
309+50	30950.00	50.00	248.01	7.33	484.55	12.93	40503.17	8489.00	32014.17
310+00	31000.00	50.00	222.20	6.74	435.38	13.03	40938.55	8502.03	32436.53
310+50	31050.00	50.00	193.83	6.03	385.21	11.82	41323.76	8513.85	32809.92
311+00	31100.00	50.00	240.75	4.64	402.39	9.88	41726.15	8523.73	33202.42
311+50	31150.00	50.00	319.05	3.41	481.33	7.45	42244.49	8531.18	33713.30
312+00	31200.00	50.00	410.02	2.28	675.06	5.27	42919.55	8536.45	34383.10
312+50	31250.00	50.00	478.42	0.85	822.63	2.90	43742.18	8539.35	35202.83
313+00	31300.00	50.00	515.66	0.08	920.44	0.86	44662.63	8540.21	36122.42
313+50	31350.00	50.00	560.94	0.00	996.85	0.07	45659.48	8540.28	37119.19
314+00	31400.00	50.00	594.82	0.00	1070.15	0.00	46729.63	8540.28	38189.34
314+50	31450.00	50.00	630.25	0.00	1134.32	0.00	47863.95	8540.28	39323.67
315+00	31500.00	50.00	659.82	0.00	1194.51	0.00	49058.46	8540.28	40518.17
315+50	31550.00	50.00	673.60	0.00	1234.65	0.00	50293.11	8540.28	41752.82
316+00	31600.00	50.00	669.01	0.00	1243.16	0.00	51536.26	8540.28	42995.98
316+50	31650.00	50.00	645.20	0.00	1216.86	0.00	52753.13	8540.28	44212.84
317+00	31700.00	50.00	604.97	0.00	1157.56	0.00	53910.69	8540.28	45370.41
317+50	31750.00	50.00	559.52	0.00	1078.23	0.00	54988.92	8540.28	46448.64
318+00	31800.00	50.00	494.95	0.00	976.36	0.00	55965.28	8540.28	47425.00
318+50	31850.00	50.00	410.50	0.37	838.38	0.34	56803.66	8540.63	48263.04
319+00	31900.00	50.00	345.79	2.41	700.27	2.57	57503.93	8543.20	48960.73
319+50	31950.00	50.00	270.05	6.60	570.22	8.34	58074.15	8551.54	49522.61
320+00	32000.00	50.00	235.72	10.27	468.31	15.62	58542.46	8567.16	49975.29
320+50	32050.00	50.00	203.50	14.39	406.69	22.83	58949.14	8590.00	50359.15
321+00	32100.00	50.00	168.16	18.92	344.13	30.84	59293.27	8620.84	50672.43
321+50	32150.00	50.00	125.24	25.64	271.67	41.26	59564.94	8662.10	50902.84
322+00	32200.00	50.00	105.79	28.90	213.92	50.50	59778.86	8712.60	51066.26
322+50	32250.00	50.00	95.89	31.48	186.74	55.91	59965.60	8768.51	51197.09
323+00	32300.00	50.00	78.12	36.78	161.12	63.20	60126.72	8831.71	51295.01
323+50	32350.00	50.00	73.38	35.79	140.28	67.19	60267.00	8898.90	51368.09
324+00	32400.00	50.00	78.60	36.11	140.72	66.57	60407.72	8965.48	51442.24

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1143  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1143

E

FILE NAME: S:\FinalDesign\Mill10302084\_SMRoadsects\090101\_ew.ppt

PLOT DATE: 7/18/2018 7:02:00 PM

PLOT BY: MSCJEJ

PLOT NAME: 090101\_ew62

PLOT SCALE: 1:1

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Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
324+50	32450.00	50.00	88.85	31.92	155.05	62.99	60562.76	9028.47	51534.29
325+00	32500.00	50.00	105.86	29.96	180.29	57.30	60743.05	9085.77	51657.29
325+50	32550.00	50.00	146.31	25.12	233.49	51.00	60976.54	9136.77	51839.78
326+00	32600.00	50.00	184.92	20.69	306.69	42.42	61283.24	9179.18	52104.05
326+50	32650.00	50.00	204.46	19.07	360.54	36.81	61643.77	9216.00	52427.78
327+00	32700.00	50.00	199.53	17.64	374.06	33.99	62017.84	9249.99	52767.85
327+50	32750.00	50.00	191.48	16.14	362.05	31.28	62379.88	9281.27	53098.62
328+00	32800.00	50.00	167.09	15.59	332.01	29.38	62711.89	9310.65	53401.25
328+50	32850.00	50.00	151.32	17.74	294.82	30.86	63006.72	9341.51	53665.21
329+00	32900.00	50.00	164.40	20.31	292.33	35.23	63299.05	9376.74	53922.31
329+50	32950.00	50.00	174.80	22.87	314.07	39.98	63613.13	9416.72	54196.41
330+00	33000.00	50.00	165.74	31.06	315.31	49.94	63928.44	9466.65	54461.79
330+23	33022.52	22.52	157.72	35.38	134.89	27.71	64063.34	9494.36	54568.97
330+50	33050.00	27.48	153.74	41.63	158.50	39.19	64221.83	9533.55	54688.28
331+00	33100.00	50.00	145.25	57.95	276.84	92.20	64498.68	9625.76	54872.92
331+50	33150.00	50.00	143.91	81.74	267.74	129.34	64766.42	9755.10	55011.32
332+00	33200.00	50.00	146.98	121.24	269.34	187.94	65035.76	9943.04	55092.72
332+33	33232.52	32.52	155.78	118.71	182.33	144.50	65218.09	10087.55	55130.54
332+50	33250.00	17.48	162.55	117.48	103.04	76.46	65321.13	10164.00	55157.13
332+58	33257.50	7.50	164.23	117.55	45.39	32.64	65366.52	10196.65	55169.87
332+82	33282.48	24.98	169.78	120.82	154.51	110.27	65521.03	10306.91	55214.12
333+00	33300.00	17.52	170.86	126.50	110.52	80.24	65631.55	10387.15	55244.39
333+50	33350.00	50.00	169.92	125.34	315.54	83.19	65947.09	10620.34	55326.75
334+00	33400.00	50.00	172.71	120.47	317.25	227.60	66264.34	10847.94	55416.39
334+50	33450.00	50.00	173.45	122.04	320.52	224.55	66584.85	11072.49	55512.37
335+00	33500.00	50.00	171.94	123.04	319.81	226.93	66904.66	11299.41	55605.25
335+50	33550.00	50.00	178.59	116.51	324.56	221.81	67229.22	11521.22	55708.00
336+00	33600.00	50.00	187.01	116.27	338.52	215.54	67567.74	11736.76	55830.99
336+50	33650.00	50.00	193.68	112.56	352.49	211.88	67920.23	11948.64	55971.60
337+00	33700.00	50.00	182.73	98.79	348.53	195.69	68268.76	12144.33	56124.43
337+50	33750.00	50.00	193.79	93.65	348.63	178.19	68617.39	12322.52	56294.88
338+00	33800.00	50.00	210.09	103.20	373.96	182.27	68991.35	12504.78	56486.57
338+50	33850.00	50.00	212.13	92.14	390.94	180.87	69382.30	12685.65	56696.64
339+00	33900.00	50.00	227.65	85.05	407.20	164.06	69789.50	12849.72	56939.78
339+50	33950.00	50.00	249.19	50.45	441.52	125.46	70231.02	12975.18	57255.84
340+00	34000.00	50.00	207.01	0.00	422.41	46.71	70653.43	13021.90	57631.53
340+50	34050.00	50.00	214.45	0.00	390.24	0.00	71043.67	13021.90	58021.77
341+00	34100.00	50.00	167.16	0.00	353.34	0.00	71397.01	13021.90	58375.12
341+50	34150.00	50.00	172.39	0.00	314.40	0.00	71711.41	13021.90	58689.51
342+00	34200.00	50.00	173.43	0.00	320.20	0.00	72031.61	13021.90	59009.72
342+50	34250.00	50.00	174.70	0.00	322.34	0.00	72353.96	13021.90	59332.06
343+00	34300.00	50.00	219.23	0.00	364.75	0.00	72718.71	13021.90	59696.81
343+50	34350.00	50.00	224.70	0.00	411.05	0.00	73129.75	13021.90	60107.86
344+00	34400.00	50.00	219.41	0.00	411.21	0.00	73540.97	13021.90	60519.07
344+50	34450.00	50.00	228.48	0.51	414.71	0.47	73955.68	13022.37	60933.31

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1144  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1144

FILE NAME: S:\FinalDesign\MIL10302084\_SMRoads.ctb 08/01/10\_ew.ppt

PLOT DATE: 7/18/2018 7:02:01 PM

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PLOT NAME: 080101\_ew65

PLOT SCALE: 1:1

(CONTINUED)

Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
345+00	34500.00	50.00	235.39	0.00	429.51	0.47	74385.19	13022.84	61362.35
345+50	34550.00	50.00	236.65	3.58	437.07	3.31	74822.26	13026.15	61796.11
346+00	34600.00	50.00	252.41	0.00	452.83	3.31	75275.09	13029.47	62245.63
346+50	34650.00	50.00	264.44	0.00	478.56	0.00	75753.66	13029.47	62724.19
347+00	34700.00	50.00	268.08	0.17	493.07	0.16	76246.73	13029.63	63217.11
347+50	34750.00	50.00	190.00	23.06	424.15	21.51	76670.88	13051.14	63619.75
348+00	34800.00	50.00	202.77	12.67	433.68	33.08	77034.56	13084.22	63950.34
348+50	34850.00	50.00	271.09	1.78	438.76	13.38	77473.32	13097.60	64375.72
349+00	34900.00	50.00	281.58	3.16	511.73	4.57	77985.05	13102.17	64882.88
349+50	34950.00	50.00	291.32	6.75	530.46	9.18	78515.51	13111.35	65404.16
350+00	35000.00	50.00	276.75	11.47	525.99	16.87	79041.50	13128.22	65913.28
350+50	35050.00	50.00	275.34	10.53	511.19	20.37	79552.70	13148.59	66404.11
351+00	35100.00	24.98	287.63	11.49	262.03	9.56	80071.47	13167.27	66651.73
351+50	35150.00	50.00	296.17	3.56	540.56	13.94	80612.03	13181.21	67430.82
351+65	35165.02	15.02	300.88	1.24	166.07	1.34	80778.10	13182.55	67595.55
351+90	35190.00	24.98	303.13	0.08	279.41	0.61	81057.51	13183.16	67874.35
352+00	35200.00	10.00	305.41	0.00	112.69	0.01	81170.20	13183.17	67987.03
352+15	35214.98	14.98	306.71	0.00	169.81	0.00	81340.01	13183.17	68156.84
352+50	35250.00	35.02	298.08	0.00	322.22	0.00	81732.23	13183.17	68549.06
353+00	35300.00	50.00	286.77	0.20	541.53	0.19	82273.75	13183.36	69090.40
353+50	35350.00	50.00	371.42	0.00	609.44	0.19	82883.19	13183.54	69699.65
354+00	35400.00	50.00	260.86	0.00	585.44	0.00	83468.63	13183.54	70285.09
354+50	35450.00	50.00	262.96	0.00	485.02	0.00	83953.65	13183.54	70770.11
355+00	35500.00	50.00	275.42	0.00	498.50	0.00	84452.15	13183.54	71268.61
355+50	35550.00	50.00	221.63	0.49	460.23	0.45	84912.38	13183.99	71728.39
356+00	35600.00	50.00	427.24	0.00	600.81	0.45	85513.19	13184.45	72328.74
356+50	35650.00	50.00	320.76	0.00	692.59	0.00	86205.78	13184.45	73021.33
357+00	35700.00	50.00	308.44	0.00	582.59	0.00	86788.37	13184.45	73603.93
357+50	35750.00	50.00	286.68	0.00	551.04	0.00	87339.41	13184.45	74154.96
358+00	35800.00	50.00	268.64	0.00	514.19	0.00	87853.60	13184.45	74669.15
358+50	35850.00	50.00	246.29	0.00	476.79	0.00	88330.38	13184.45	75145.93
359+00	35900.00	50.00	217.58	0.29	429.51	0.27	88759.89	13184.72	75575.18
359+50	35950.00	50.00	184.86	3.10	372.63	3.14	89132.52	13187.86	75944.67
360+00	36000.00	50.00	179.66	5.08	337.52	7.57	89470.04	13195.43	76274.61
360+50	36050.00	50.00	168.76	8.10	322.61	12.20	89792.65	13207.63	76585.02
361+00	36100.00	50.00	166.05	12.02	310.01	18.63	90102.66	13226.26	76876.40
361+50	36150.00	50.00	162.45	14.23	304.17	24.31	90406.83	13250.57	77156.26
362+00	36200.00	50.00	170.28	14.81	308.08	26.89	90714.91	13277.46	77437.45
362+50	36250.00	50.00	174.84	15.86	319.56	28.40	91034.47	13305.86	77728.61
363+00	36300.00	50.00	176.13	11.90	324.97	25.70	91359.44	13331.56	78027.88
363+50	36350.00	50.00	173.80	7.92	324.01	18.35	91683.45	13349.91	78333.54
364+00	36400.00	50.00	174.45	5.58	322.45	12.50	92005.90	13362.41	78643.49
364+50	36450.00	50.00	180.85	2.07	328.98	7.08	92334.88	13369.49	78965.39
365+00	36500.00	50.00	178.68	1.10	332.90	2.94	92667.78	13372.43	79295.35

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1145  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1145

E

FILE NAME: S:\FinalDesign\MIL10302084\_SMRoadsects\_090101\_ew.ppt

PLOT DATE: 7/18/2018 7:02:01 PM

PLOT BY: MSCSEJ

PLOT NAME: 090101\_ew64

PLOT SCALE: 1:1

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Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
365+50	36550.00	50.00	185.02	0.07	336.76	1.08	93004.54	13373.51	79631.03
366+00	36600.00	50.00	186.19	0.00	343.71	0.06	93348.25	13373.58	79974.68
366+50	36650.00	50.00	178.04	0.00	337.25	0.00	93685.50	13373.58	80311.93
367+00	36700.00	50.00	140.88	0.00	295.30	0.00	93980.80	13373.58	80607.22
367+50	36750.00	50.00	141.25	0.00	261.23	0.00	94242.03	13373.58	80868.45
368+00	36800.00	50.00	143.44	0.00	263.60	0.00	94505.63	13373.58	81132.06
368+50	36850.00	50.00	147.44	0.00	269.33	0.00	94774.97	13373.58	81401.39
369+00	36900.00	50.00	151.91	0.00	277.18	0.00	95052.14	13373.58	81678.56
369+50	36950.00	50.00	252.40	3.49	374.36	3.23	95426.50	13376.81	82049.69
370+00	37000.00	50.00	305.83	5.22	516.88	8.06	95943.38	13384.87	82558.51
370+10	37009.52	9.52	314.21	5.63	109.31	1.91	96052.69	13386.79	82665.91
370+50	37050.00	40.48	337.17	6.76	488.29	9.29	96540.99	13396.07	83144.91
371+00	37100.00	50.00	378.79	7.55	662.93	13.25	97203.91	13409.32	83794.59
371+25	37124.50	24.50	373.93	5.81	341.51	6.06	97545.43	13415.39	84130.04
371+50	37150.00	25.50	380.36	3.77	356.19	4.52	97901.62	13419.91	84481.71
372+00	37200.00	50.00	415.25	2.81	736.68	6.09	98638.29	13426.00	85212.29
372+50	37250.00	50.00	444.38	2.70	795.95	5.10	99434.25	13431.10	86003.14
373+00	37300.00	50.00	440.59	0.69	819.42	3.14	100253.66	13434.24	86819.42
373+50	37350.00	50.00	453.43	0.06	827.80	0.69	101081.46	13434.94	87646.52
374+00	37400.00	50.00	448.78	1.07	835.38	1.05	101916.84	13435.98	88480.86
374+50	37450.00	50.00	440.04	2.03	822.98	2.87	102739.82	13438.85	89300.97
375+00	37500.00	50.00	446.92	3.12	817.26	4.77	103561.08	13443.62	90117.46
375+50	37550.00	50.00	435.83	4.75	871.36	7.29	104378.44	13450.91	90927.53
376+00	37600.00	50.00	421.65	5.58	793.96	9.56	105172.41	13460.48	91711.93
376+50	37650.00	50.00	378.12	8.42	740.53	12.96	105912.93	13473.44	92439.49
377+00	37700.00	50.00	342.43	6.03	667.18	13.38	106580.11	13486.82	93093.29
377+50	37750.00	50.00	322.46	15.50	615.64	19.94	107195.75	13506.75	93688.99
378+00	37800.00	50.00	298.58	23.30	575.04	35.93	107770.78	13542.68	94228.11
378+50	37850.00	50.00	277.24	45.09	533.17	63.32	108303.95	13606.00	94697.95
379+00	37900.00	50.00	267.18	54.76	504.09	92.45	108808.04	13698.46	95109.59
379+50	37950.00	50.00	267.00	54.00	494.61	100.70	109302.66	13799.16	95503.49
380+00	38000.00	50.00	250.62	78.12	479.28	122.33	109781.93	13921.49	95860.44
380+50	38050.00	50.00	243.55	84.34	457.56	150.43	110239.50	14071.92	96167.58
381+00	38100.00	50.00	243.79	119.18	451.24	188.44	110690.74	14260.36	96430.37
381+50	38150.00	50.00	253.52	138.36	460.47	238.46	111151.21	14498.83	96652.38
382+00	38200.00	50.00	269.19	149.73	483.99	266.75	111635.20	14765.58	96869.62
382+50	38250.00	50.00	271.39	163.57	502.57	302.91	112137.78	15068.48	97067.25
383+00	38300.00	50.00	295.90	181.61	488.23	319.61	112626.01	15388.10	97235.87
383+50	38350.00	50.00	235.50	183.13	455.00	337.72	113081.01	15725.82	97353.15
384+00	38400.00	50.00	231.82	186.03	432.70	341.81	113513.71	16067.63	97444.04
384+50	38450.00	50.00	220.45	211.95	418.77	368.50	113932.48	16436.13	97494.31
385+00	38500.00	50.00	202.53	223.12	391.65	402.84	114324.13	16838.98	97483.12
385+19	38519.41	19.41	197.60	172.03	143.82	142.03	114467.95	16981.01	97484.91
385+50	38550.00	30.59	210.50	229.62	231.18	227.53	114699.13	17208.54	97488.56
386+00	38600.00	50.00	245.37	200.94	422.10	398.67	115121.23	17607.20	97511.99

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1146  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

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Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
386+50	38650.00	50.00	201.99	228.74	414.22	397.85	115535.46	18005.06	97528.36
387+00	38700.00	50.00	195.00	254.05	367.58	447.03	115903.04	18452.08	97448.92
387+50	38750.00	50.00	200.96	197.13	366.63	417.76	116269.67	18869.84	97397.79
388+00	38800.00	50.00	239.67	108.78	407.99	283.25	116677.66	19153.09	97522.53
388+50	38850.00	50.00	277.28	63.30	478.66	159.33	117156.32	19312.43	97841.86
389+00	38900.00	50.00	266.11	37.85	503.14	93.66	117659.46	19406.08	98251.34
389+50	38950.00	50.00	258.36	33.01	485.62	65.61	118145.08	19471.69	98671.35
390+00	39000.00	50.00	235.69	28.62	457.45	57.06	118602.53	19528.76	99071.73
390+50	39050.00	50.00	218.88	30.60	420.90	54.83	119023.43	19583.59	99437.80
391+00	39100.00	50.00	200.29	33.49	388.12	59.34	119411.55	19642.94	99766.58
391+10	39110.42	10.42	197.50	35.23	76.76	13.26	119488.31	19656.20	99830.08
391+50	39150.00	39.58	196.28	39.06	288.63	54.45	119776.93	19710.65	100064.25
392+00	39200.00	50.00	206.37	35.87	372.82	69.38	120149.76	19780.03	100367.69
392+25	39225.40	25.40	201.56	29.09	191.88	30.56	120341.64	19810.58	100529.02
392+50	39250.00	24.60	202.97	20.45	184.29	22.57	120525.92	19833.15	100690.74
393+00	39300.00	50.00	202.50	13.04	375.44	31.01	120901.36	19864.16	101035.16
393+50	39350.00	50.00	202.89	6.78	375.36	18.35	121276.72	19882.51	101392.17
394+00	39400.00	50.00	190.18	3.58	363.95	9.59	121640.67	19892.10	101746.53
394+50	39450.00	50.00	122.53	0.00	289.55	3.31	121930.22	19895.42	102032.76
395+00	39500.00	50.00	124.22	0.00	228.47	0.00	122158.69	19895.42	102261.24
395+50	39550.00	50.00	130.07	0.00	235.45	0.00	122394.14	19895.42	102496.69
396+00	39600.00	50.00	137.51	0.00	247.76	0.00	122641.90	19895.42	102744.45
396+50	39650.00	50.00	184.82	0.00	298.45	0.00	122940.36	19895.42	103042.90
397+00	39700.00	50.00	190.12	0.00	347.17	0.00	123287.52	19895.42	103390.07
397+50	39750.00	50.00	183.15	0.00	345.62	0.00	123633.14	19895.42	103735.69
398+00	39800.00	50.00	166.67	4.85	323.91	4.49	123957.05	19899.91	104055.11
398+50	39850.00	50.00	153.77	11.24	296.70	14.90	124253.76	19914.81	104336.91
399+00	39900.00	50.00	154.33	10.55	285.28	20.18	124539.03	19934.98	104602.01
399+50	39950.00	50.00	157.61	11.09	288.83	20.04	124827.87	19955.02	104870.81
400+00	40000.00	50.00	158.62	10.33	292.81	19.83	125120.67	19974.85	105143.78
400+50	40050.00	50.00	173.24	7.28	307.28	16.31	125427.95	19991.16	105434.75
401+00	40100.00	50.00	185.41	5.08	332.08	11.44	125760.03	20002.60	105755.39
401+50	40150.00	50.00	191.60	4.12	349.08	8.52	126109.12	20011.12	106095.96
402+00	40200.00	50.00	198.35	4.15	361.06	7.66	126470.18	20018.78	106449.36
402+50	40250.00	50.00	201.38	4.04	370.12	7.58	126840.30	20026.36	106811.90
403+00	40300.00	50.00	210.23	3.37	381.12	6.86	127221.42	20033.22	107186.16
403+50	40350.00	50.00	250.15	6.27	426.28	8.93	127647.70	20042.15	107603.51
403+81	40380.52	30.52	204.84	13.32	257.15	11.07	127904.85	20053.22	107849.59
404+00	40400.00	19.48	177.26	21.78	137.84	12.66	128042.69	20065.88	107974.77
404+50	40450.00	50.00	174.41	38.57	325.62	55.88	128368.31	20121.76	108244.51
404+71	40470.52	20.52	174.94	36.52	132.75	28.53	128501.07	20150.30	108348.73
404+96	40495.50	24.98	178.88	29.48	163.67	30.53	128664.74	20180.83	108481.87
405+00	40500.00	4.50	179.17	28.50	29.84	4.83	128694.58	20185.66	108506.88
405+20	40520.48	20.48	179.76	24.04	136.13	19.93	128830.71	20205.59	108623.08
405+50	40550.00	29.52	183.25	21.00	198.45	24.62	129029.15	20230.21	108796.91

Addendum No. 04  
ID 1030-20-84  
Revised Sheet 1147  
July 19, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
406+00	40600.00	50.00	175.07	26.55	331.78	44.03	129360.93	20274.24	109084.66
406+50	40650.00	50.00	248.59	8.53	392.28	32.48	129753.21	20306.72	109444.45
407+00	40700.00	50.00	188.38	0.49	404.60	8.35	130157.81	20315.07	109840.70
407+50	40750.00	50.00	187.70	1.81	348.22	2.13	130506.03	20317.20	110186.79
408+00	40800.00	50.00	191.57	0.99	351.18	2.59	130857.21	20319.79	110535.38
408+50	40850.00	50.00	192.47	1.41	355.59	2.22	131212.80	20322.01	110888.75
409+00	40900.00	50.00	196.54	0.60	360.19	1.86	131572.99	20323.88	111247.08
409+50	40950.00	50.00	273.61	4.56	435.32	4.78	132008.32	20328.65	111677.63
410+00	41000.00	50.00	282.59	4.37	515.00	8.27	132523.32	20336.92	112184.36
410+50	41050.00	50.00	265.25	3.85	507.26	7.61	133030.58	20344.53	112684.01
411+00	41100.00	50.00	259.66	3.71	486.03	7.00	133516.61	20351.53	113163.03
411+50	41150.00	50.00	268.75	2.54	489.27	5.79	134005.87	20357.32	113646.52
412+00	41200.00	50.00	275.87	2.18	504.28	4.37	134510.15	20361.69	114146.42
412+50	41250.00	50.00	264.67	2.39	500.50	4.23	135010.65	20365.92	114642.69
413+00	41300.00	50.00	243.80	0.38	470.81	2.56	135481.46	20368.49	115110.93
413+50	41350.00	50.00	215.40	0.32	425.19	0.65	135906.64	20369.14	115535.47
414+00	41400.00	50.00	189.77	0.00	375.16	0.30	136281.80	20369.43	115910.33
414+50	41450.00	50.00	174.44	0.00	337.23	0.00	136619.03	20369.43	116247.56
415+00	41500.00	50.00	169.23	0.00	318.21	0.00	136937.24	20369.43	116565.78
415+50	41550.00	50.00	174.06	0.00	317.86	0.00	137255.11	20369.43	116883.64
416+00	41600.00	50.00	171.68	0.00	320.13	0.00	137575.23	20369.43	117203.77
416+50	41650.00	50.00	178.02	0.00	323.80	0.00	137899.03	20369.43	117527.56
417+00	41700.00	50.00	175.22	0.00	327.07	0.00	138226.11	20369.43	117854.64
417+50	41750.00	50.00	169.41	0.00	319.10	0.00	138545.21	20369.43	118173.74
418+00	41800.00	50.00	167.83	0.00	312.26	0.00	138857.47	20369.43	118486.00
418+50	41850.00	50.00	167.95	0.00	310.91	0.00	139168.37	20369.43	118796.91
419+00	41900.00	50.00	164.27	0.00	307.61	0.00	139475.98	20369.43	119104.52
419+50	41950.00	50.00	164.47	0.00	304.39	0.00	139780.37	20369.43	119408.91
420+00	42000.00	50.00	170.41	0.00	310.07	0.00	140090.45	20369.43	119718.98
420+50	42050.00	50.00	177.82	0.00	322.44	0.00	140412.88	20369.43	120041.41
421+00	42100.00	50.00	184.87	0.00	335.82	0.00	140748.71	20369.43	120377.24
421+50	42150.00	50.00	137.68	0.00	298.66	0.00	141047.36	20369.43	120675.90
422+00	42200.00	50.00	138.12	0.00	255.37	0.00	141302.73	20369.43	120931.27
422+50	42250.00	50.00	147.43	0.00	264.40	0.00	141567.13	20369.43	121195.66
423+00	42300.00	50.00	152.69	0.00	277.89	0.00	141845.02	20369.43	121473.55
423+50	42350.00	50.00	153.52	0.00	283.53	0.00	142128.55	20369.43	121757.08
424+00	42400.00	50.00	155.71	0.00	286.32	0.00	142414.87	20369.43	122043.41
424+50	42450.00	50.00	156.08	0.00	288.69	0.00	142703.57	20369.43	122332.10
425+00	42500.00	50.00	156.76	0.00	289.67	0.00	142993.23	20369.43	122621.77
425+50	42550.00	50.00	155.66	0.00	289.28	0.00	143282.51	20369.43	122911.04
426+00	42600.00	50.00	223.54	12.80	351.11	11.85	143633.62	20381.28	123250.30
426+50	42650.00	50.00	219.25	13.16	409.99	24.04	144043.61	20405.32	123636.26
427+00	42700.00	50.00	144.88	18.37	337.16	29.19	144380.77	20434.51	123944.22
427+22	42722.02	22.02	144.02	21.15	117.81	16.12	144498.58	20450.63	124045.91
427+50	42750.00	27.98	145.87	25.98	150.21	26.92	144648.78	20477.55	124169.19

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1148  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1148

E

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(CONTINUED)

Division 4-IH 94 NB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate	
			Cut	Fill	Cut	Fill	Cut	Fill		
428+00	42800.00	50.00	148.46	28.26	272.53	50.22	144921.31	20527.78	124391.50	
428+12	42812.02	12.02	148.15	26.59	66.02	12.21	144987.34	20539.98	124445.31	
428+37	42837.00	24.98	148.11	25.77	137.05	24.22	145124.38	20564.21	124558.14	
428+50	42850.00	13.00	148.18	24.82	71.33	12.18	145195.71	20576.38	124617.29	
428+62	42861.98	11.98	148.72	23.87	65.87	10.80	145261.58	20587.19	124672.36	
429+00	42900.00	38.02	150.43	21.74	210.62	32.11	145472.20	20619.30	124850.87	
429+50	42950.00	50.00	156.19	18.62	283.91	37.37	145756.11	20656.67	125097.40	
430+00	43000.00	50.00	164.90	9.54	297.31	26.07	146053.42	20682.74	125368.64	
430+50	43050.00	50.00	210.19	7.50	347.31	15.78	146400.72	20698.52	125700.16	
431+00	43100.00	50.00	225.32	11.42	403.25	17.52	146803.97	20716.04	126085.90	
431+50	43150.00	50.00	208.15	12.60	401.36	22.24	147205.33	20738.28	126465.02	
432+00	43200.00	50.00	179.36	5.73	358.81	16.97	147564.14	20755.25	126806.85	
432+50	43250.00	50.00	186.73	0.32	338.97	5.60	147903.11	20760.86	127140.22	
433+00	43300.00	50.00	186.09	0.54	345.20	0.80	148248.32	20761.65	127484.63	
433+00	43300.00	0.00	186.09	0.54	0.00	0.00	0.00	0.00	0.00	
433+50	43350.00	50.00	12.23	7.05	237.29	5.02	148485.61	20766.67	178.61	
434+00	43400.00	50.00	27.86	3.73	37.12	9.98	148522.73	20776.65	205.75	
434+50	43450.00	50.00	45.22	4.56	67.67	7.68	148590.39	20784.33	265.74	
435+00	43500.00	50.00	22.68	1.53	62.87	5.64	148653.26	20789.97	322.97	
435+50	43550.00	50.00	17.92	1.38	37.59	2.69	148690.86	20792.66	357.87	
436+00 BK	43600.00	50.00	27.83	0.00	42.36	1.28	148733.22	20793.94	398.95	
COLUMN TOTALS					162846.83	22824.48				

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1149  
 July 19, 2018



Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1150  
 July 19, 2018

Division 4-RAMP RYA

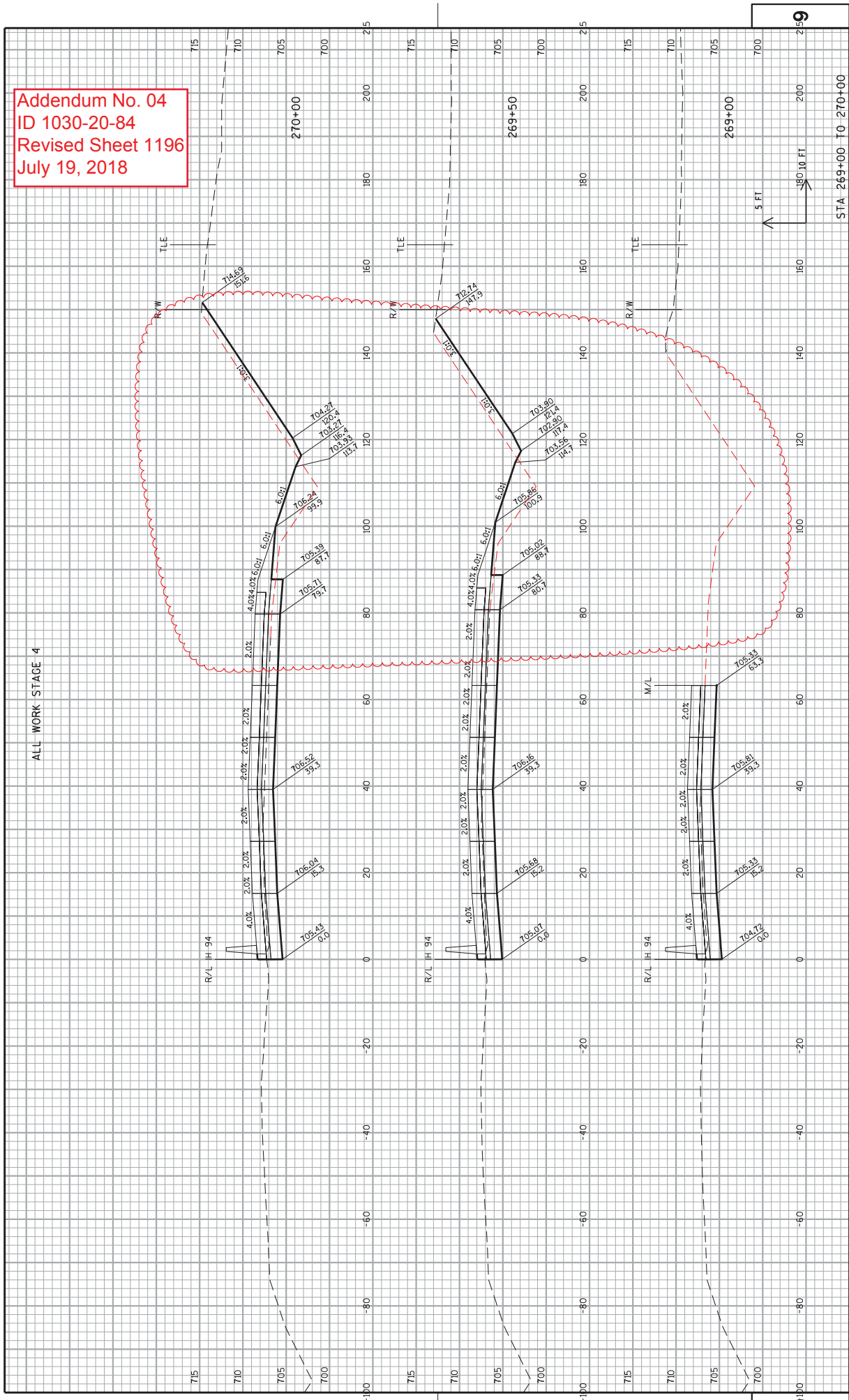
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
260RYA+90 AH	26089.90	0.00	199.20	0.73	0.00	0.00	0.00	0.00	0.00
261RYA+00	26100.00	10.10	202.10	1.08	75.06	0.34	75.06	0.34	74.72
261RYA+50	26150.00	50.00	191.95	1.93	364.86	2.79	439.92	3.13	436.79
262RYA+00	26200.00	50.00	149.68	2.81	316.32	4.39	756.24	7.51	748.73
262RYA+50	26250.00	50.00	138.01	4.38	266.38	6.66	1022.62	14.17	1008.45
263RYA+00	26300.00	50.00	130.99	4.04	249.07	7.80	1271.70	21.97	1249.73
263RYA+50	26350.00	50.00	111.69	7.11	224.70	10.32	1496.40	32.29	1464.11
264RYA+00	26400.00	50.00	86.80	20.60	183.79	25.66	1680.19	57.95	1622.24
264RYA+50	26450.00	50.00	66.40	29.60	141.85	46.48	1822.04	104.43	1717.61
265RYA+00	26500.00	50.00	51.50	36.25	109.17	60.97	1931.21	165.40	1765.80
265RYA+50	26550.00	50.00	55.67	47.06	99.23	77.14	2030.44	242.54	1787.90
266RYA+00	26600.00	50.00	45.26	47.22	93.45	87.30	2123.89	329.84	1794.05
266RYA+50	26650.00	50.00	41.90	48.63	80.70	88.75	2204.59	418.59	1786.01
267RYA+00	26700.00	50.00	37.91	44.85	73.90	86.56	2278.49	505.14	1773.35
267RYA+50	26750.00	50.00	40.28	31.97	72.40	71.13	2350.89	576.27	1774.62
268RYA+00	26800.00	50.00	38.15	35.78	72.62	62.73	2423.51	639.01	1784.51
268RYA+50	26850.00	50.00	65.67	40.77	96.13	70.88	2519.64	709.88	1809.76
269RYA+00	26900.00	50.00	78.87	36.59	133.83	71.63	2653.47	781.51	1871.96
269RYA+24 BK	26923.90	23.90	78.66	37.02	69.72	32.58	2723.20	814.09	1909.10
COLUMN TOTALS			2723.20	814.09	2723.20	814.09	2723.20	814.09	

Division 4-RAMP RYB

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
233RYB+80 AH	23379.63	0.00	69.26	38.05	0.00	0.00	0.00	0.00	0.00
234RYB+00	23400.00	20.37	69.37	28.38	52.29	25.06	52.29	25.06	27.24
234RYB+50	23450.00	50.00	78.65	18.58	137.06	43.48	189.35	68.54	120.81
235RYB+00	23500.00	50.00	98.46	13.11	163.99	29.34	353.34	97.88	255.46
235RYB+50	23550.00	50.00	128.16	0.00	209.83	12.14	563.17	110.02	453.15
235RYB+74 BK	23574.24	24.24	104.42	91.16	104.40	40.92	667.58	150.94	516.63
COLUMN TOTALS			667.58	150.94	667.58	150.94	667.58	150.94	

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1196  
 July 19, 2018

ALL WORK STAGE 4



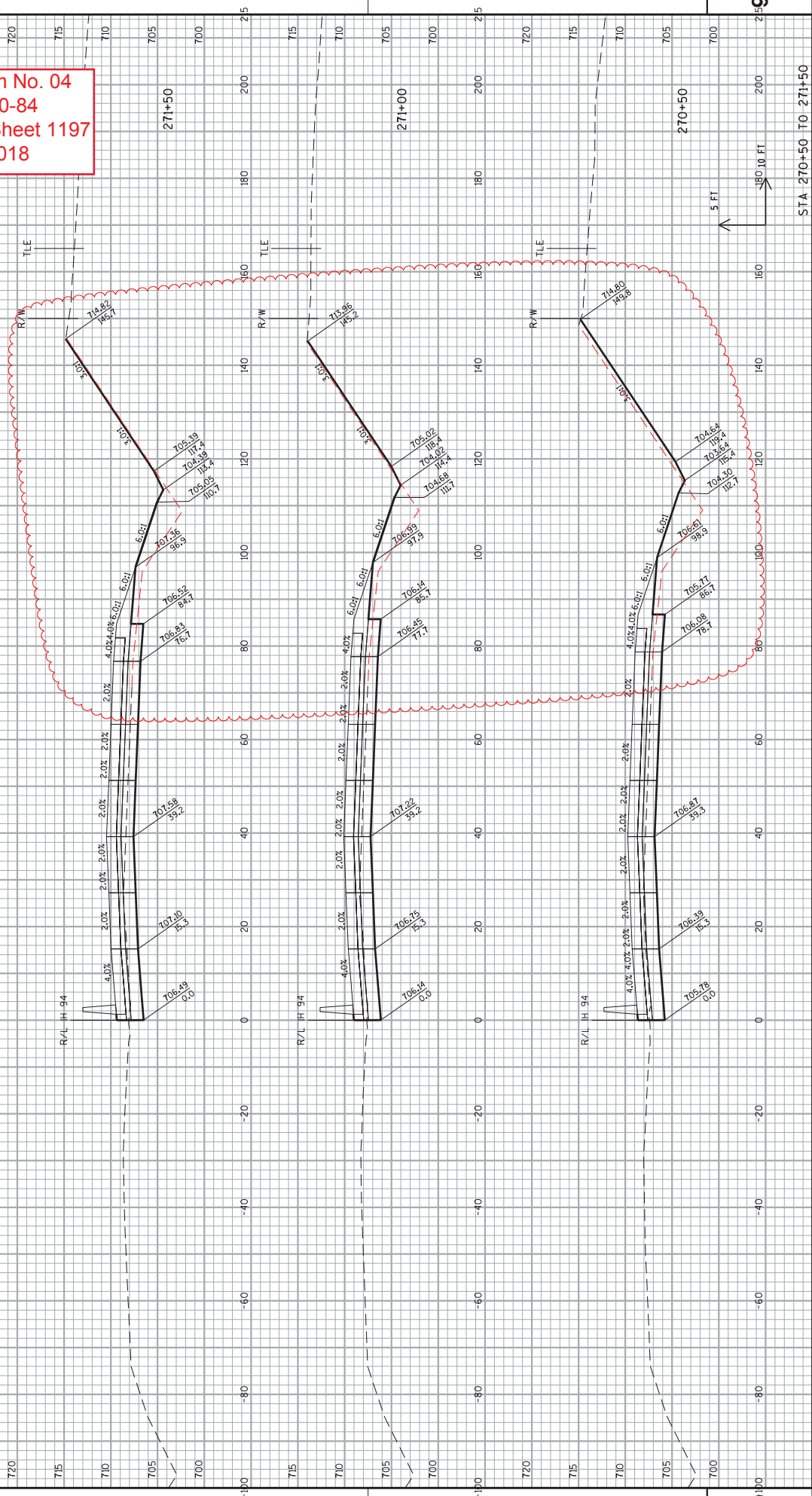
STA 269+00 TO 270+00

PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB	SHEET 1196	E
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 WISDOT/CADDIS SHEET 21

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1197  
 July 19, 2018

ALL WORK STAGE 4



PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1197  
 STA 270+50 TO 271+50

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WISDOT/CADDS SHEET 21

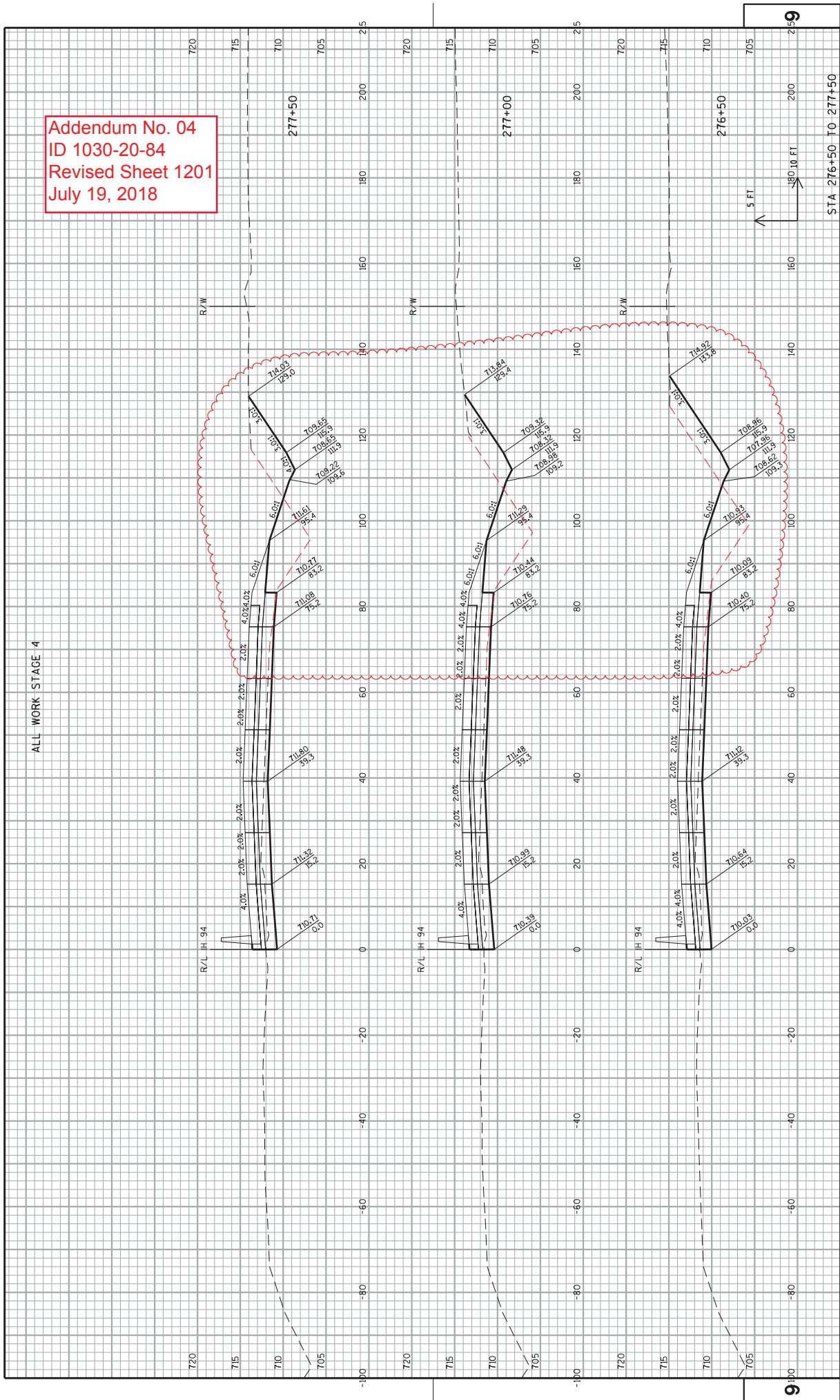






Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1201  
 July 19, 2018

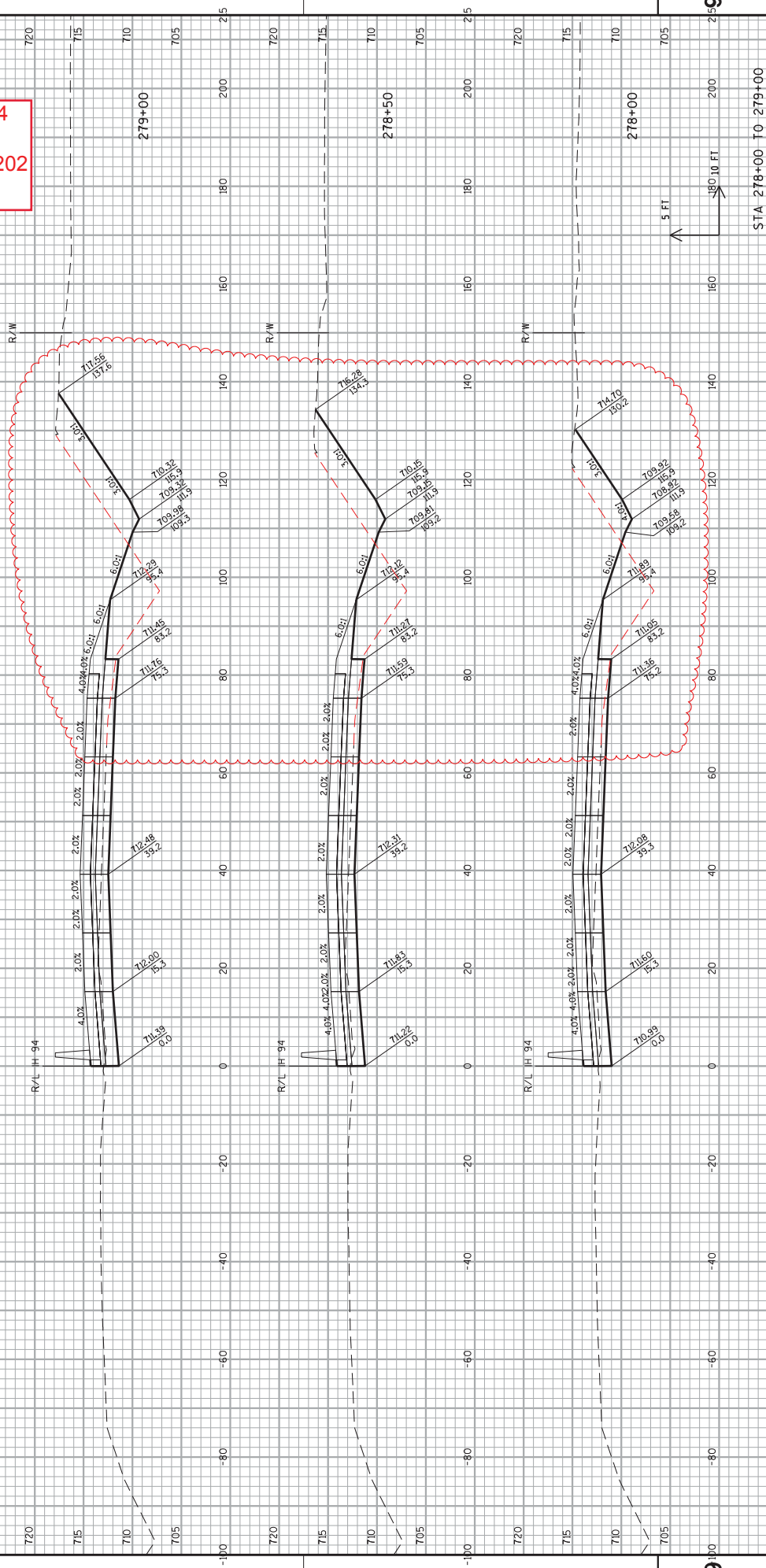
ALL WORK STAGE 4



PROJECT NO: 1030-20-84      HWY: IH 94      COUNTY: MILWAUKEE      CROSS SECTIONS: IH 94 NB      SHEET 1201      E

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1202  
 July 19, 2018

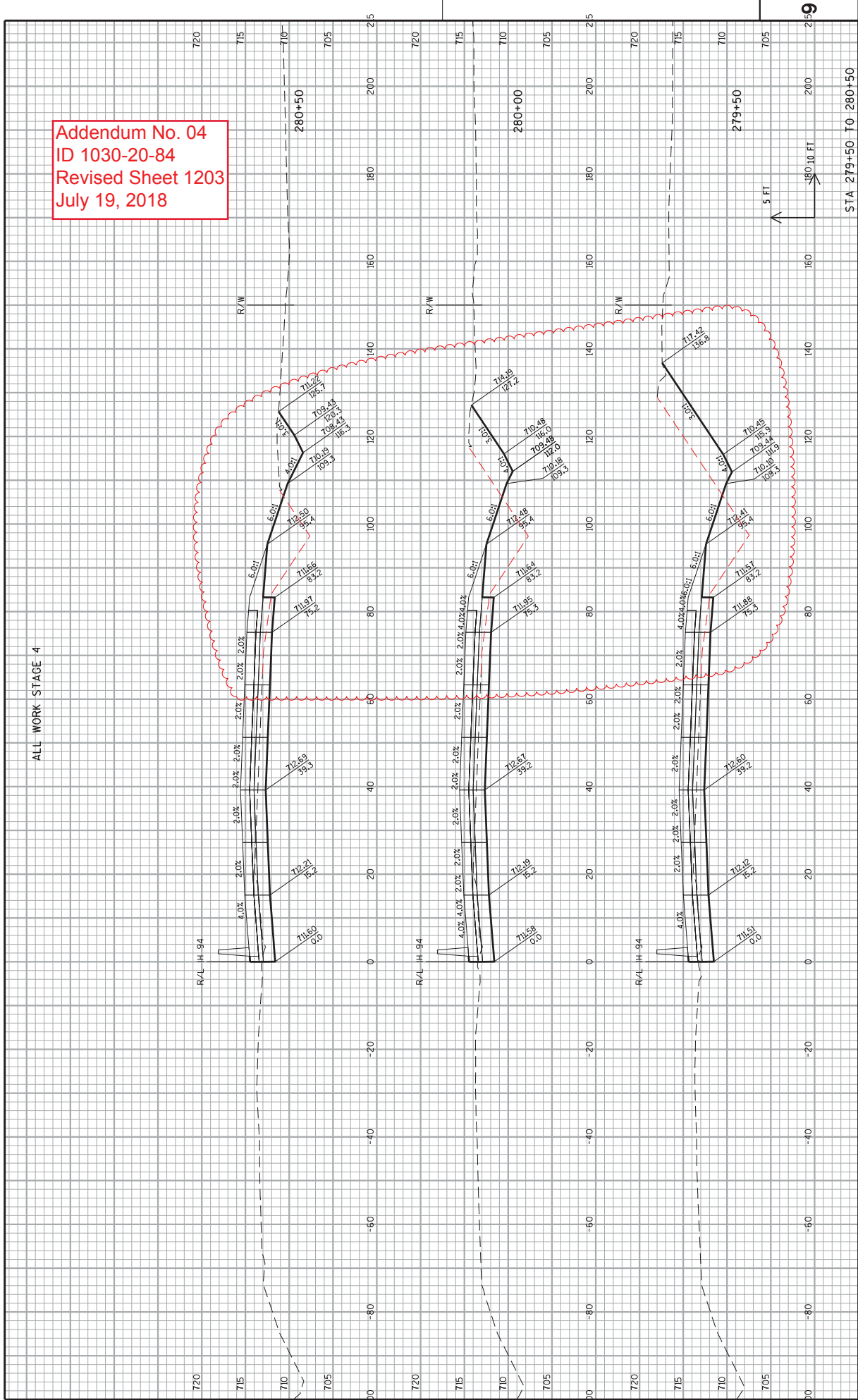
ALL WORK STAGE 4





Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1203  
 July 19, 2018

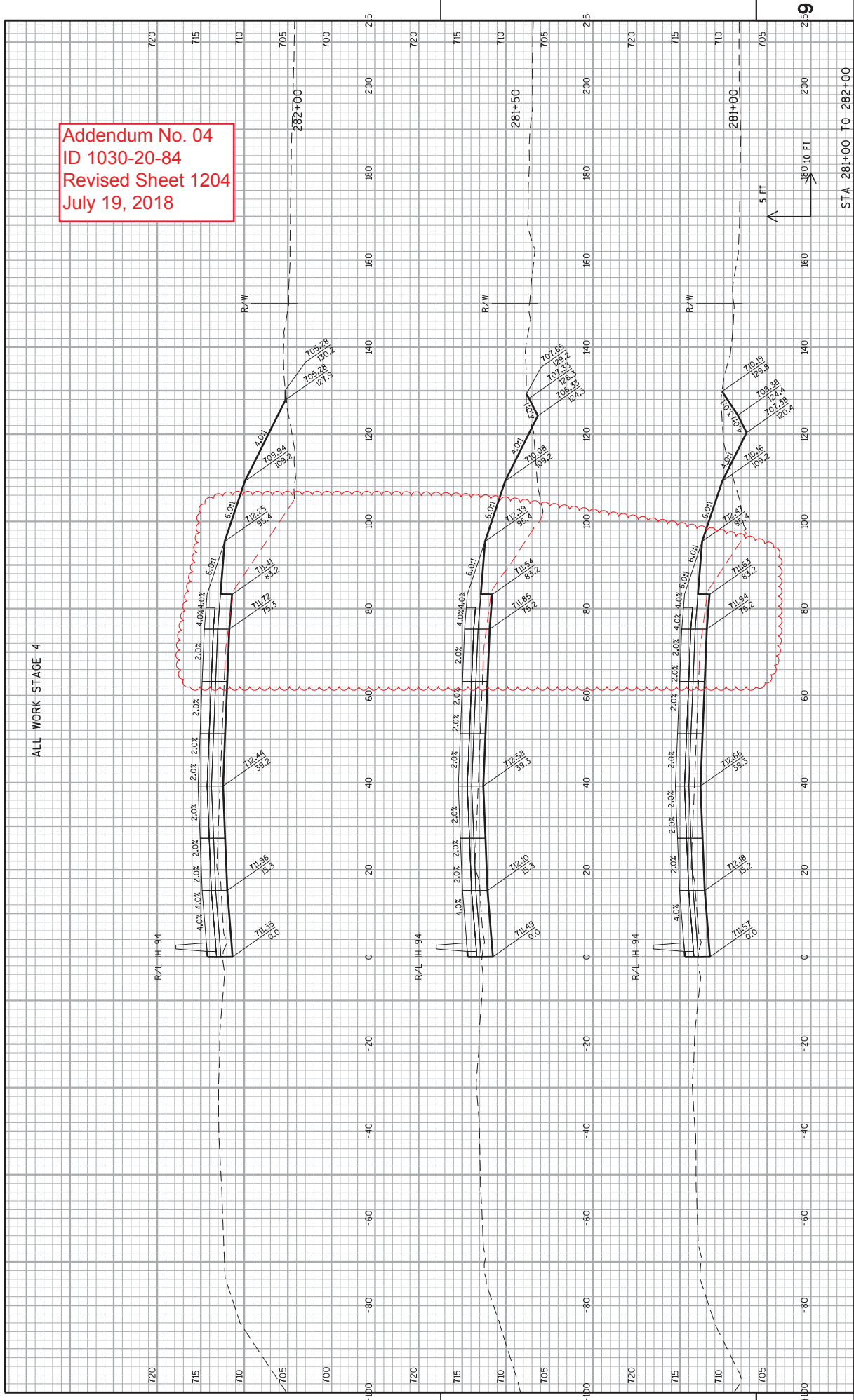
ALL WORK STAGE 4



PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1203  
 STA 279+50 TO 280+50

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1204  
 July 19, 2018

ALL WORK STAGE 4

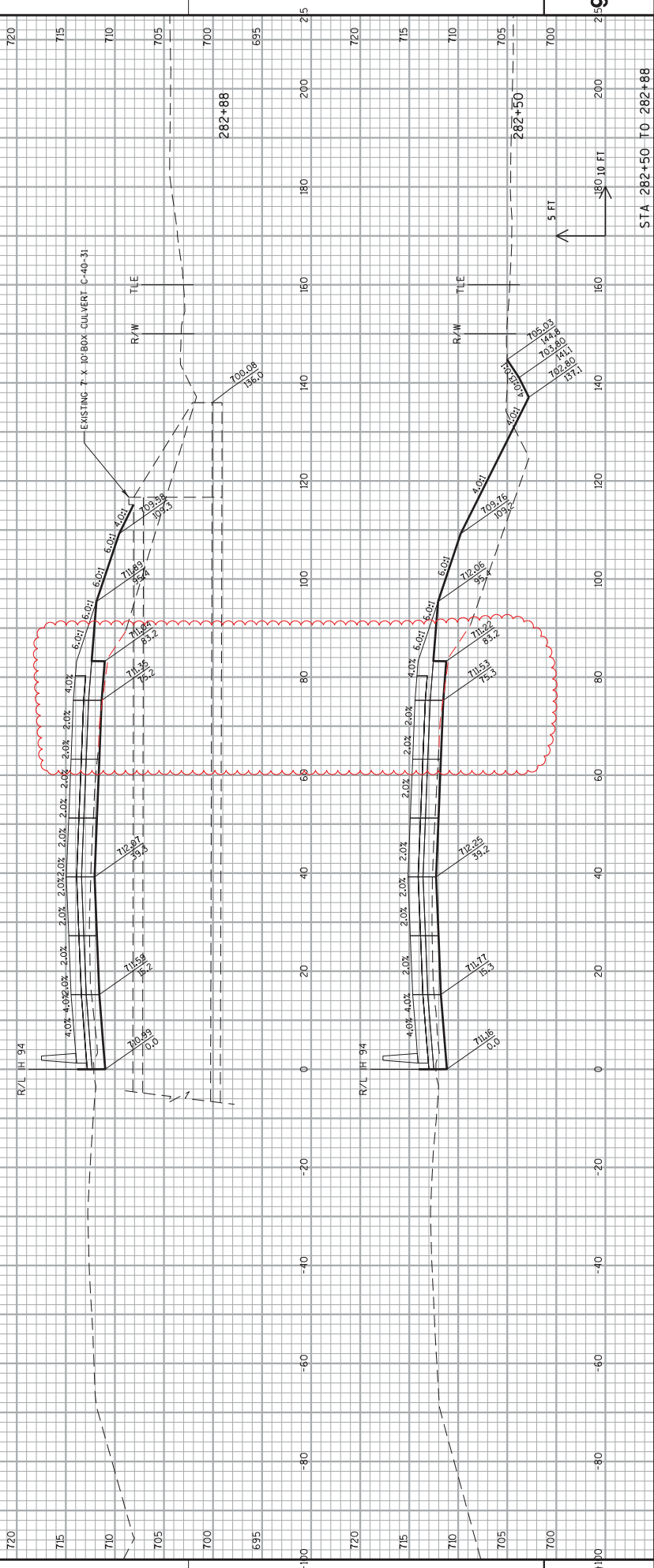


PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 HWY: IH 94  
 STA 281+00 TO 282+00

SHEET 1204  
 E

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1205  
 July 19, 2018

ALL WORK STAGE 4



PROJECT NO: 1030-20-84      COUNTY: MILWAUKEE      CROSS SECTIONS: IH 94 NB      SHEET 1205      E

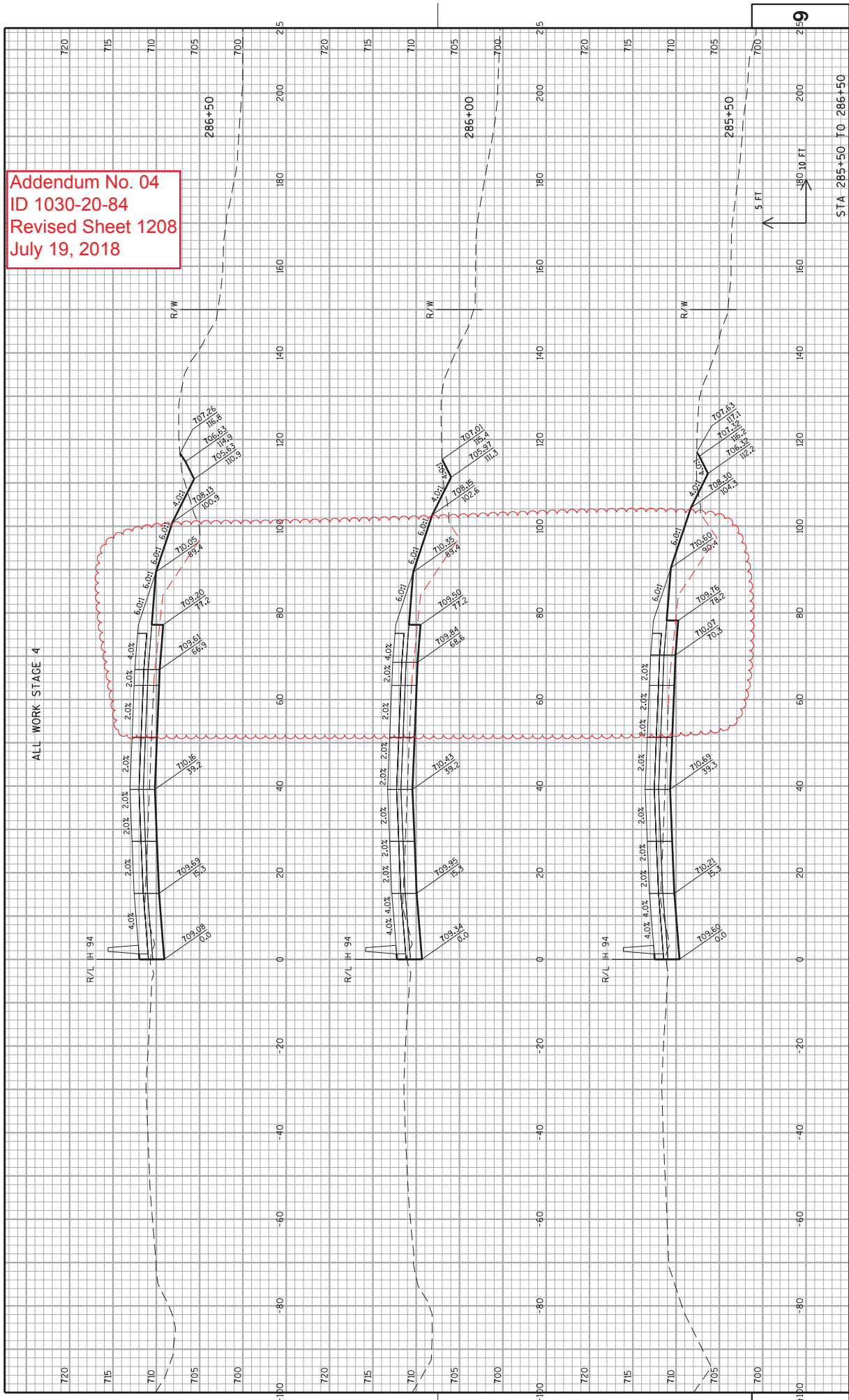
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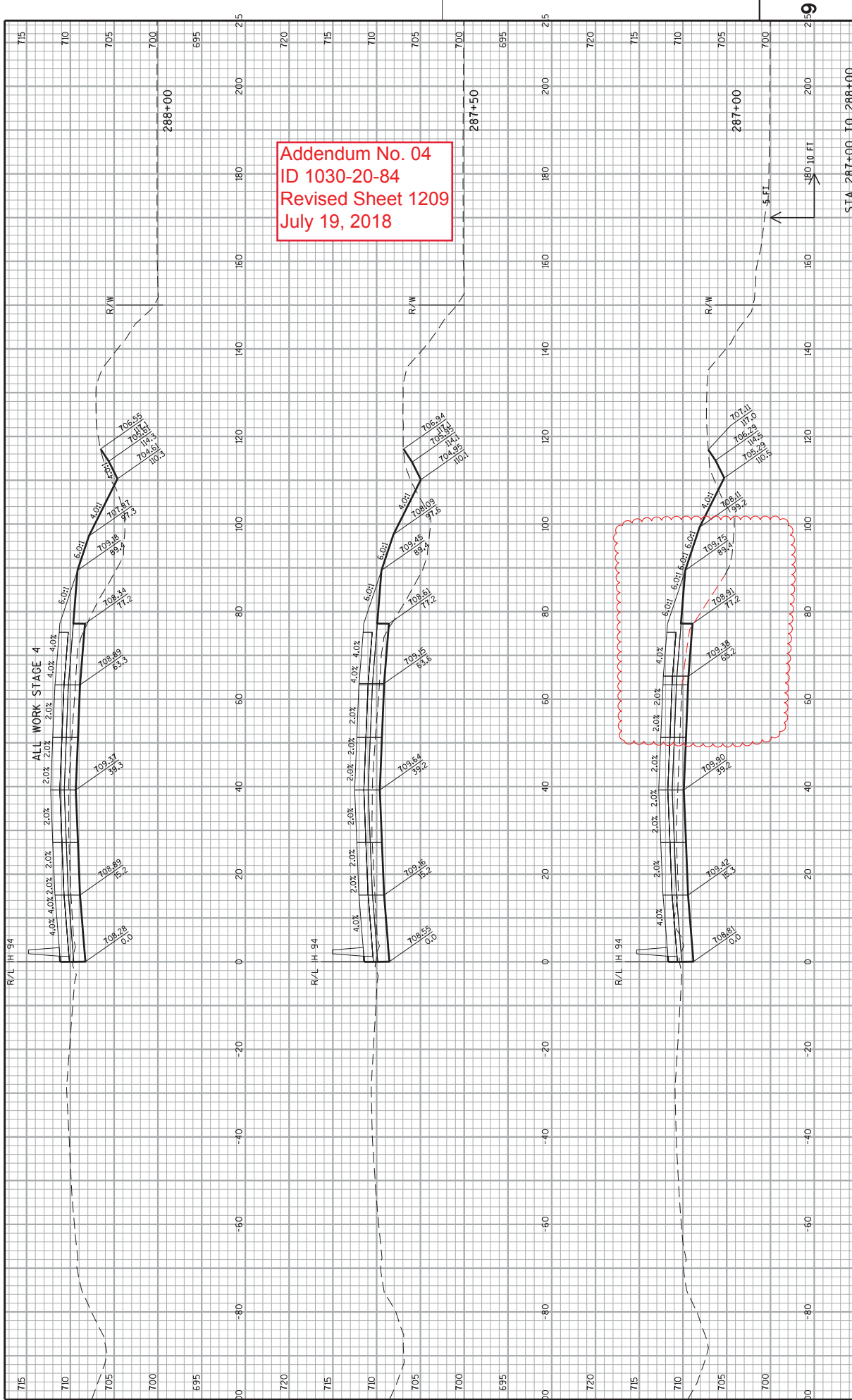


Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1208  
 July 19, 2018

ALL WORK STAGE 4

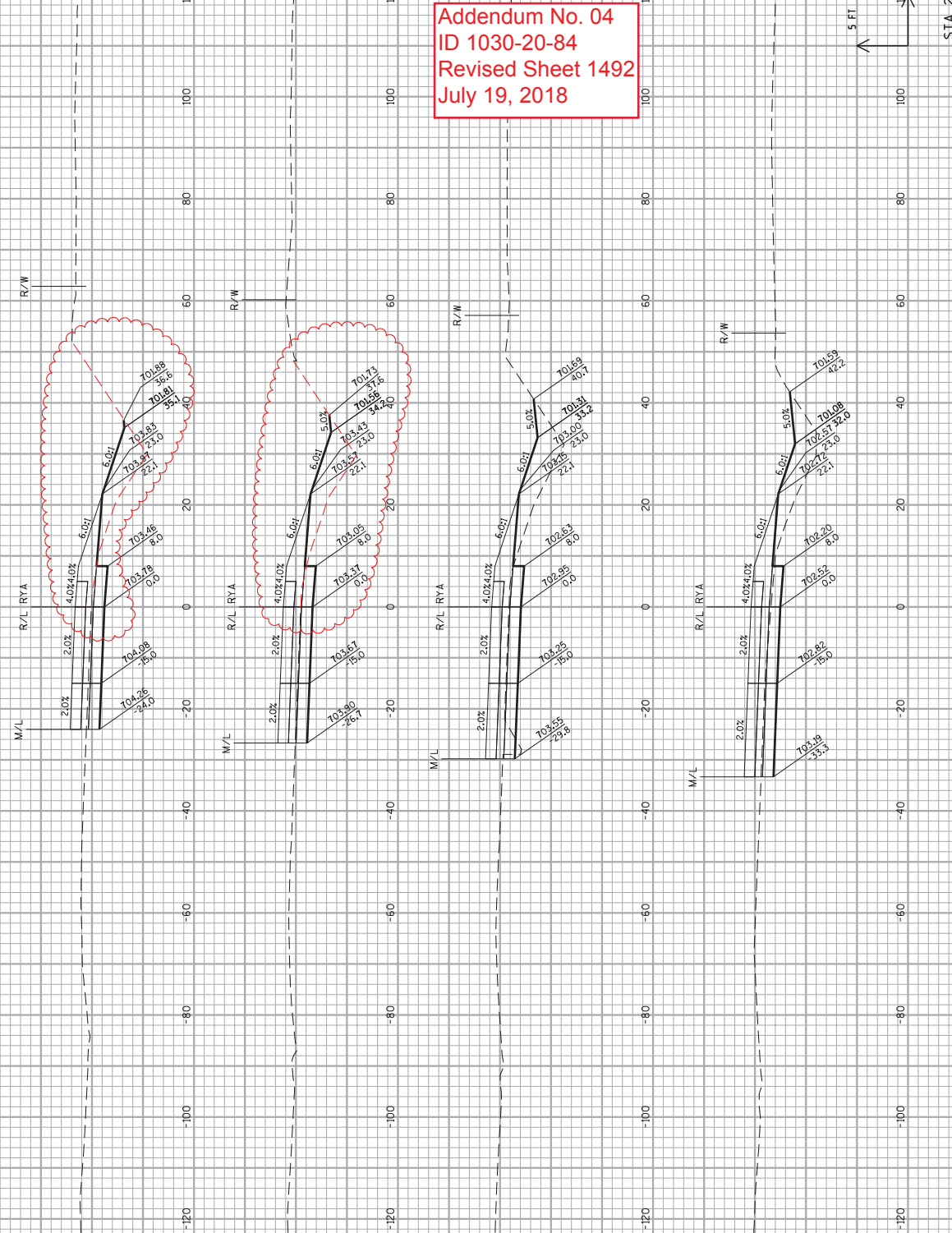


PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1208  
 STA 285+50 TO 286+50



Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1209  
 July 19, 2018

ALL WORK STAGE 4



Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1492  
 July 19, 2018

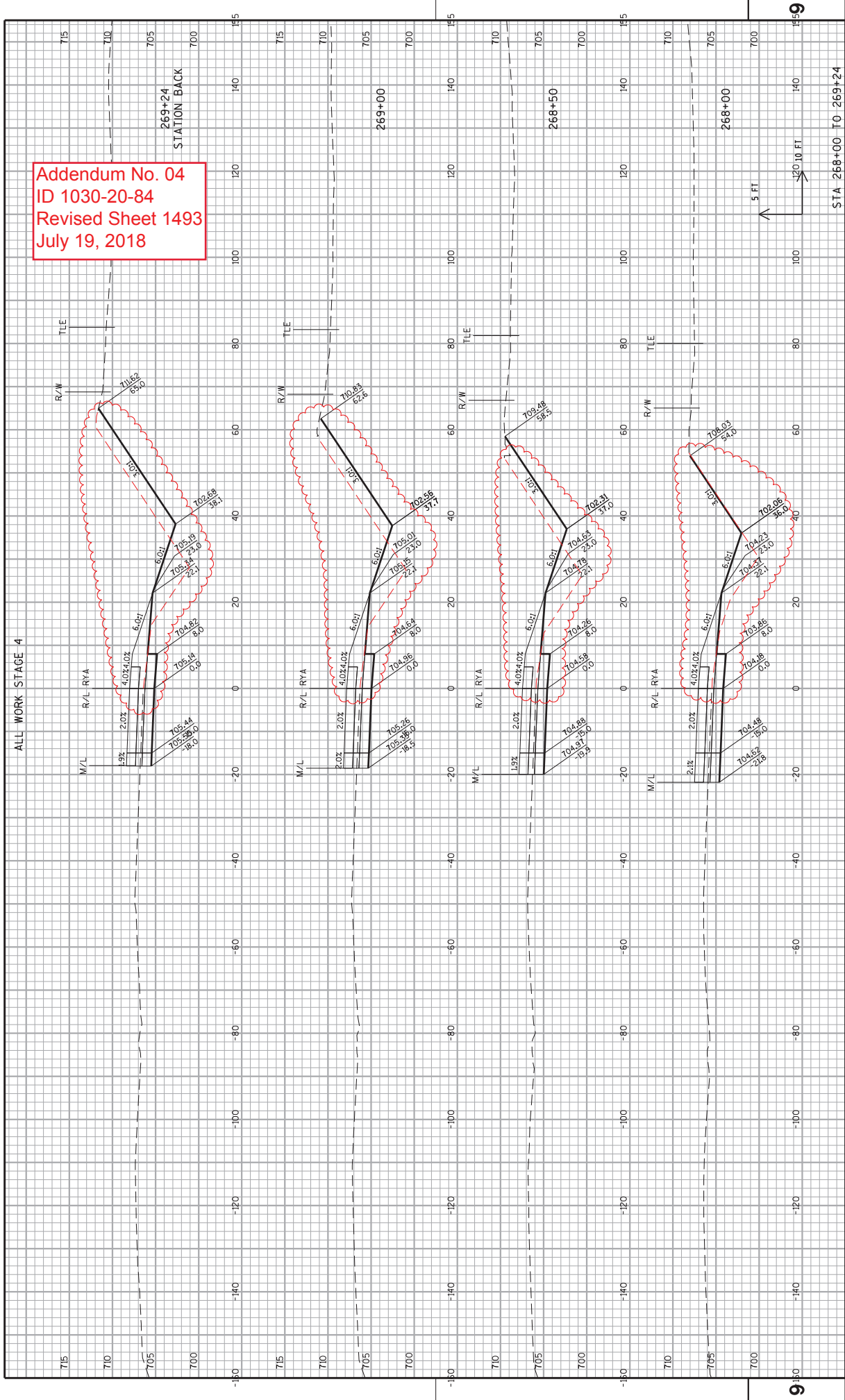


STA 266+00 TO 267+50

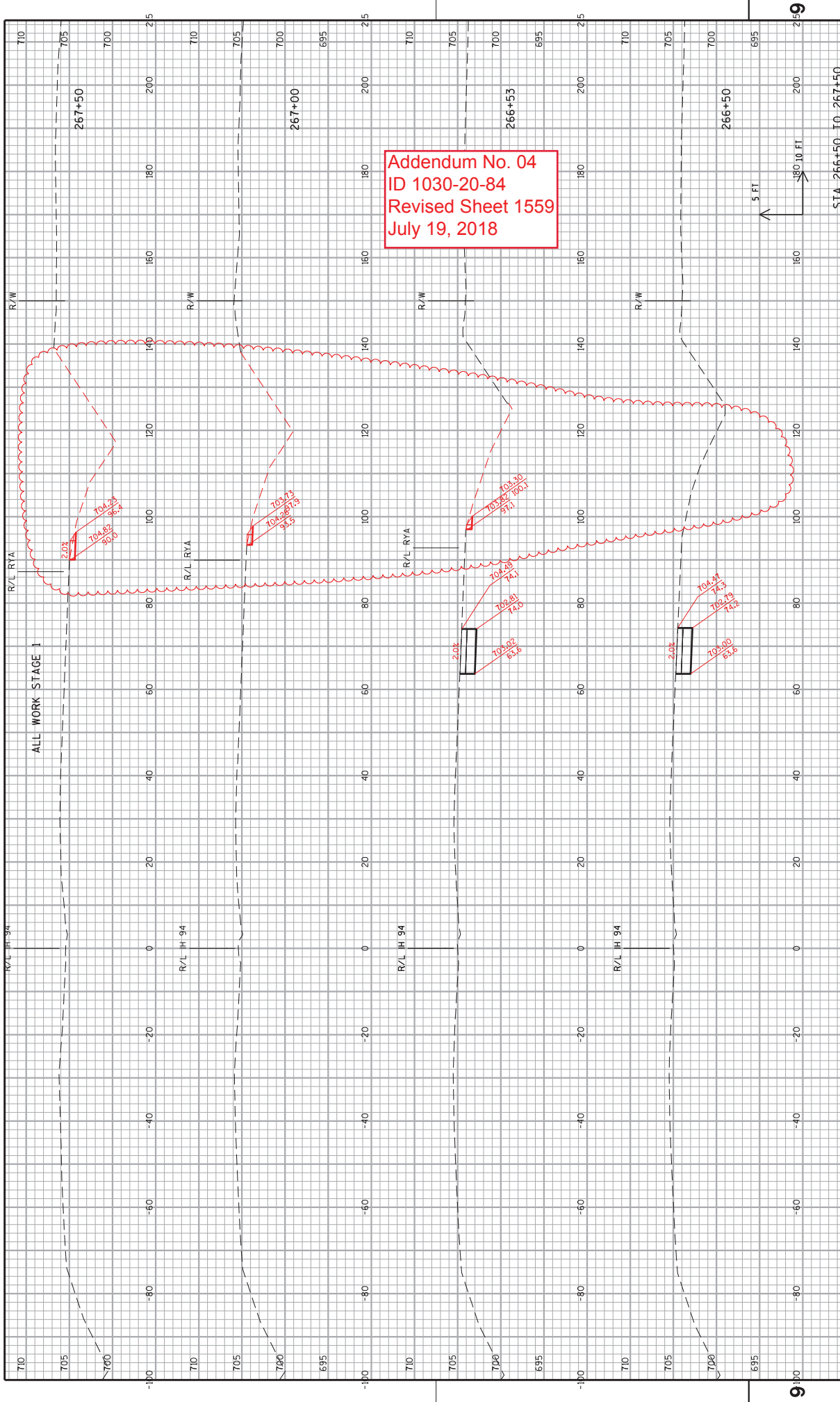


ALL WORK STAGE 4

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1493  
 July 19, 2018



PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP RYA	SHEET 1493	E
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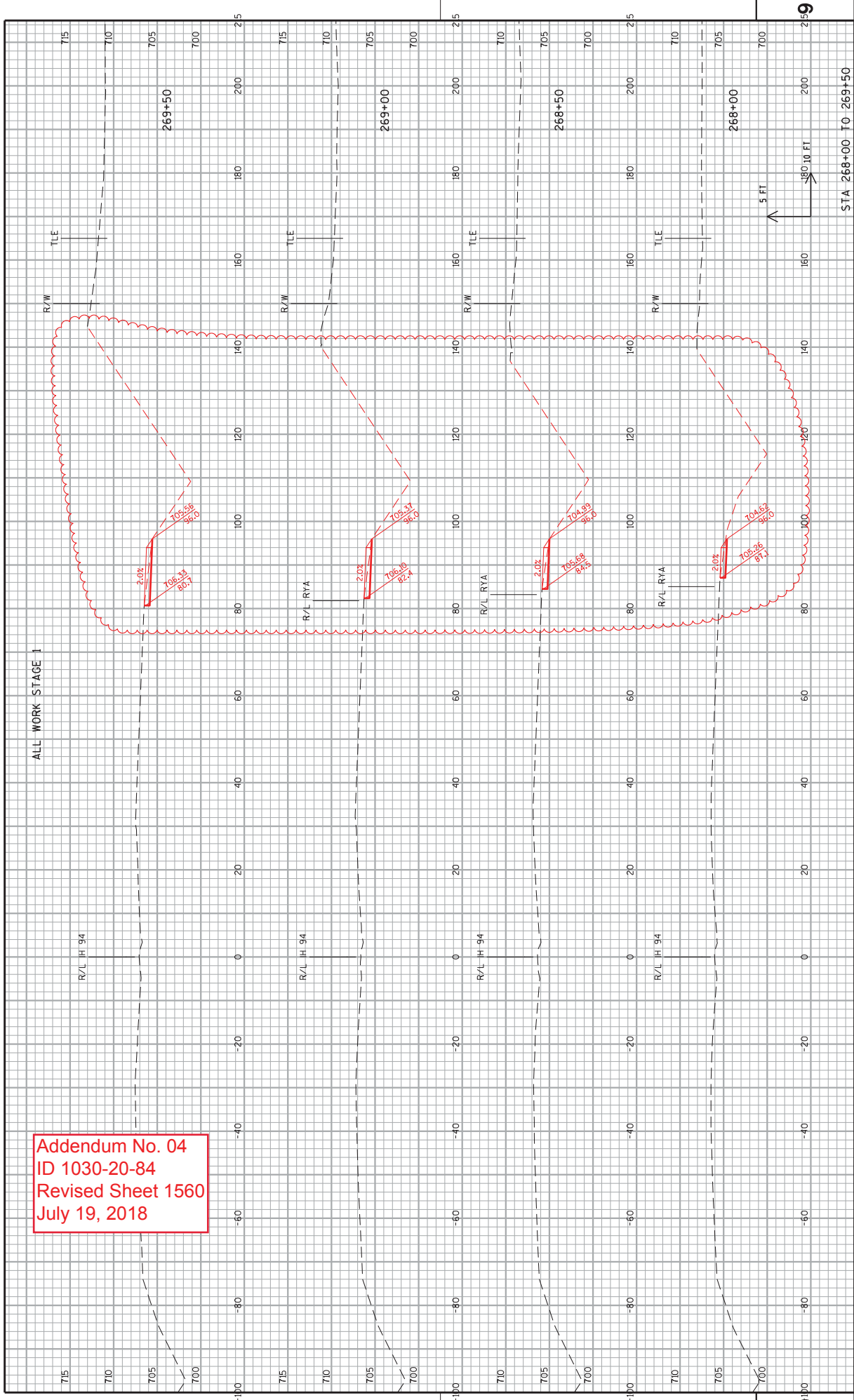
Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1559  
 July 19, 2018

PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1559
HWY: IH 94			
STA 266+50 TO 267+50			

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 WSDOT/CADDIS SHEET 21

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1560  
 July 19, 2018

ALL WORK STAGE 1

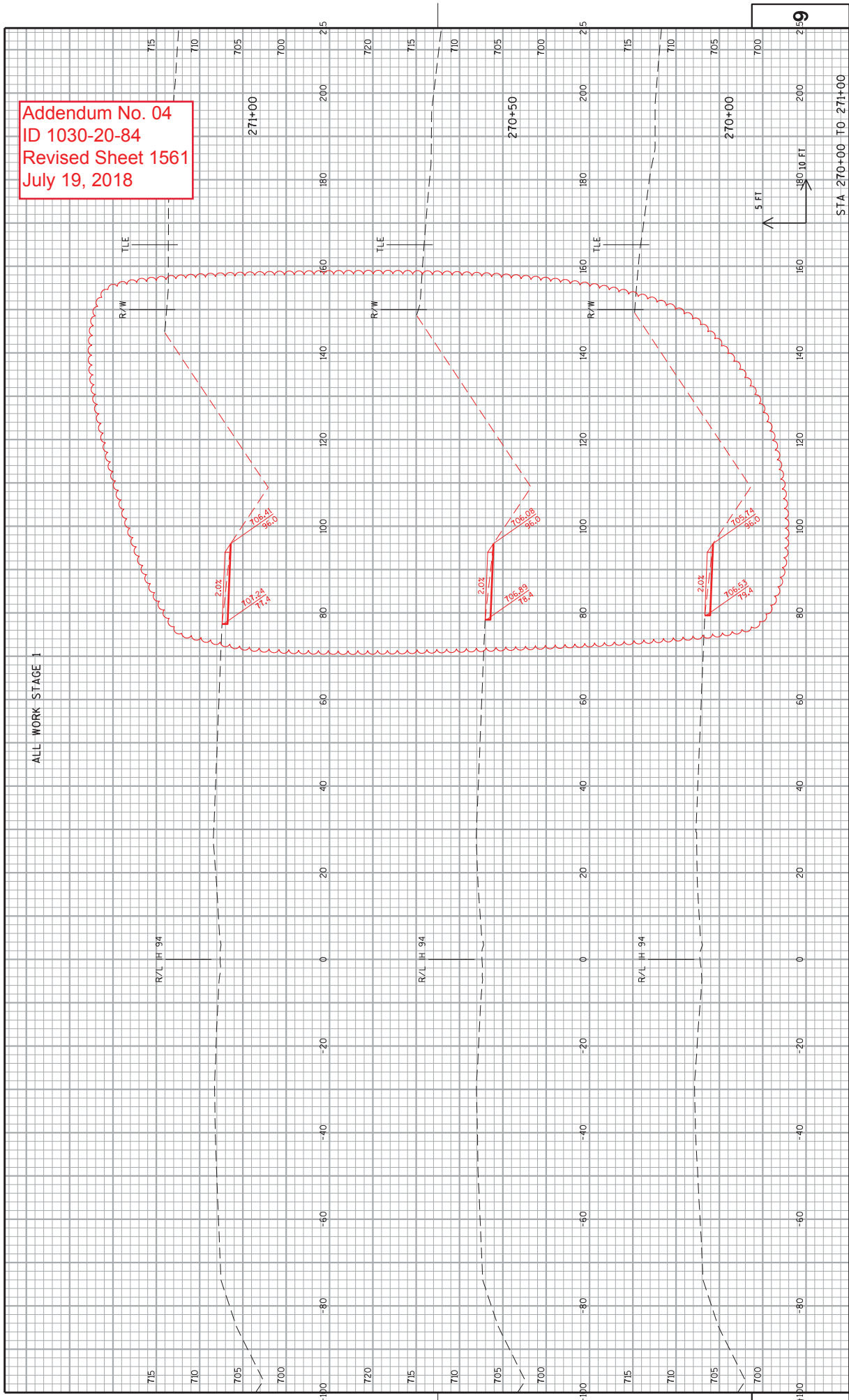


PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING  
 SHEET 1560  
 STA 268+00 TO 269+50

HWY: IH 94  
 PLOT DATE: 16-JUL-2018 17:35  
 PLOT BY: mesozzi  
 PLOT NAME: 090601...s1...Temp-S1-NB.dgn  
 WISDOT/CADDIS SHEET 21

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1561  
 July 19, 2018

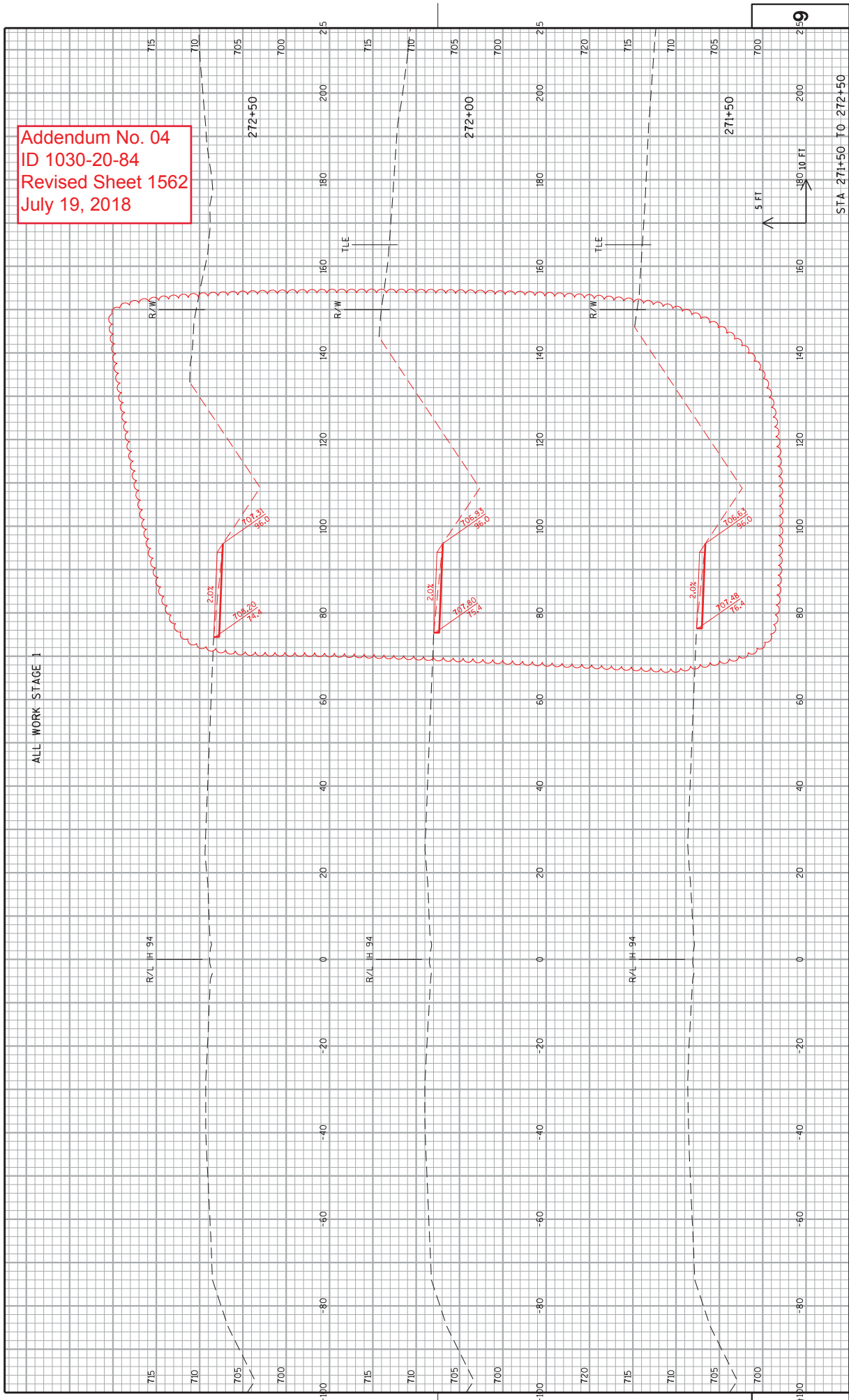
ALL WORK STAGE 1



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1561	E
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Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1562  
 July 19, 2018

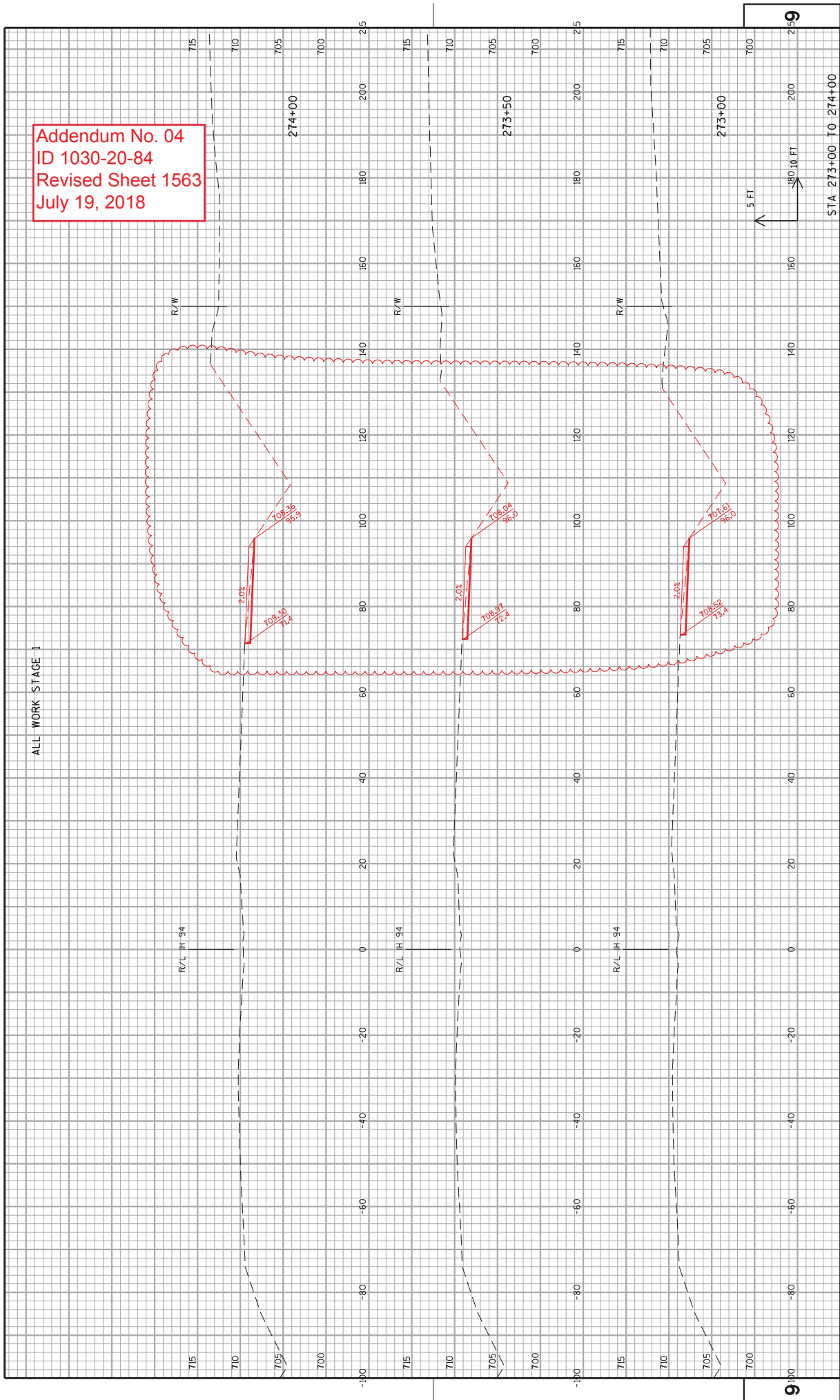
ALL WORK STAGE 1



PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1562	E
HWY: IH 94	MILWAUKEE	STA 271+50 TO 272+50		

Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1563  
 July 19, 2018

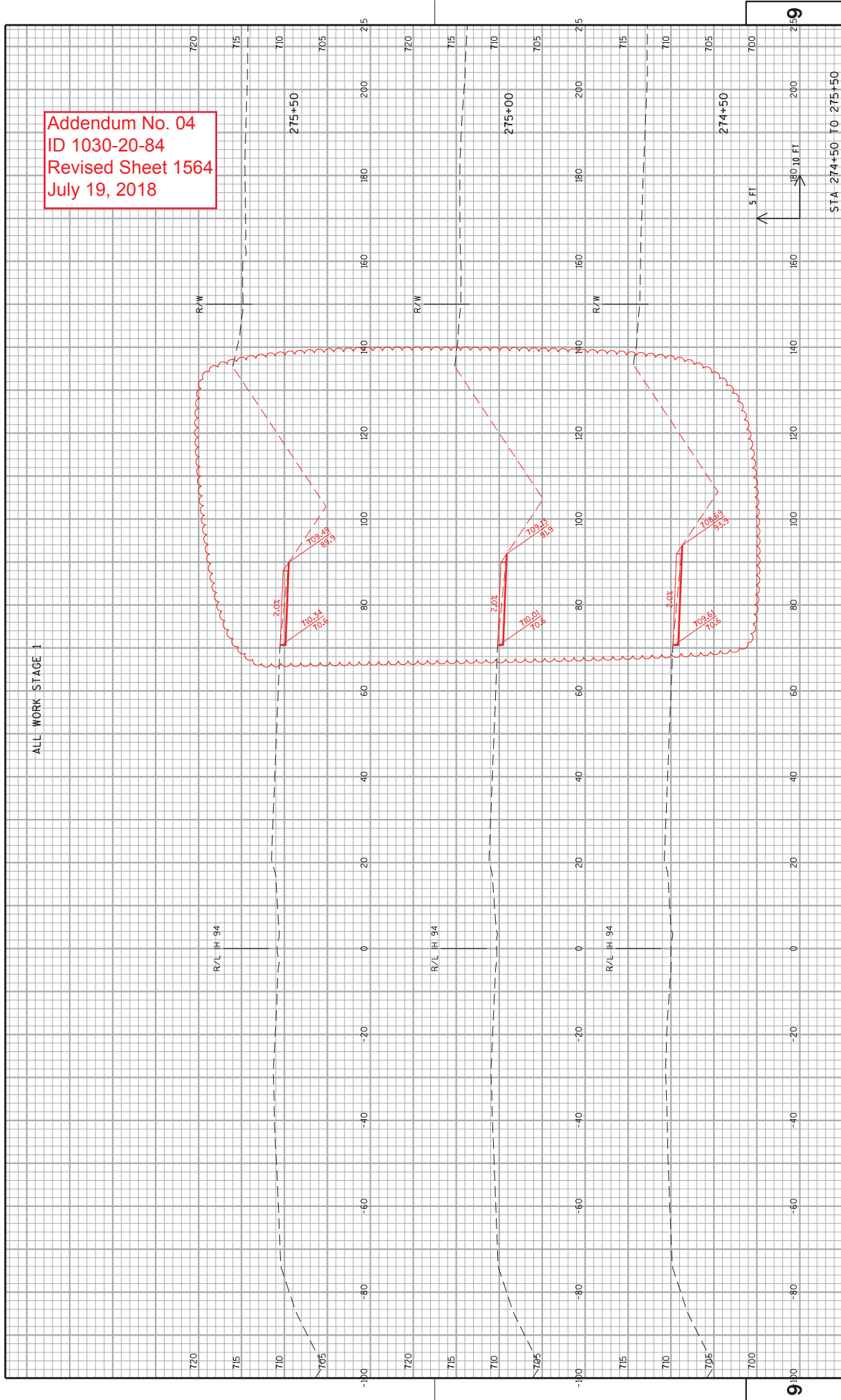
ALL WORK STAGE 1



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY:	MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1563	E
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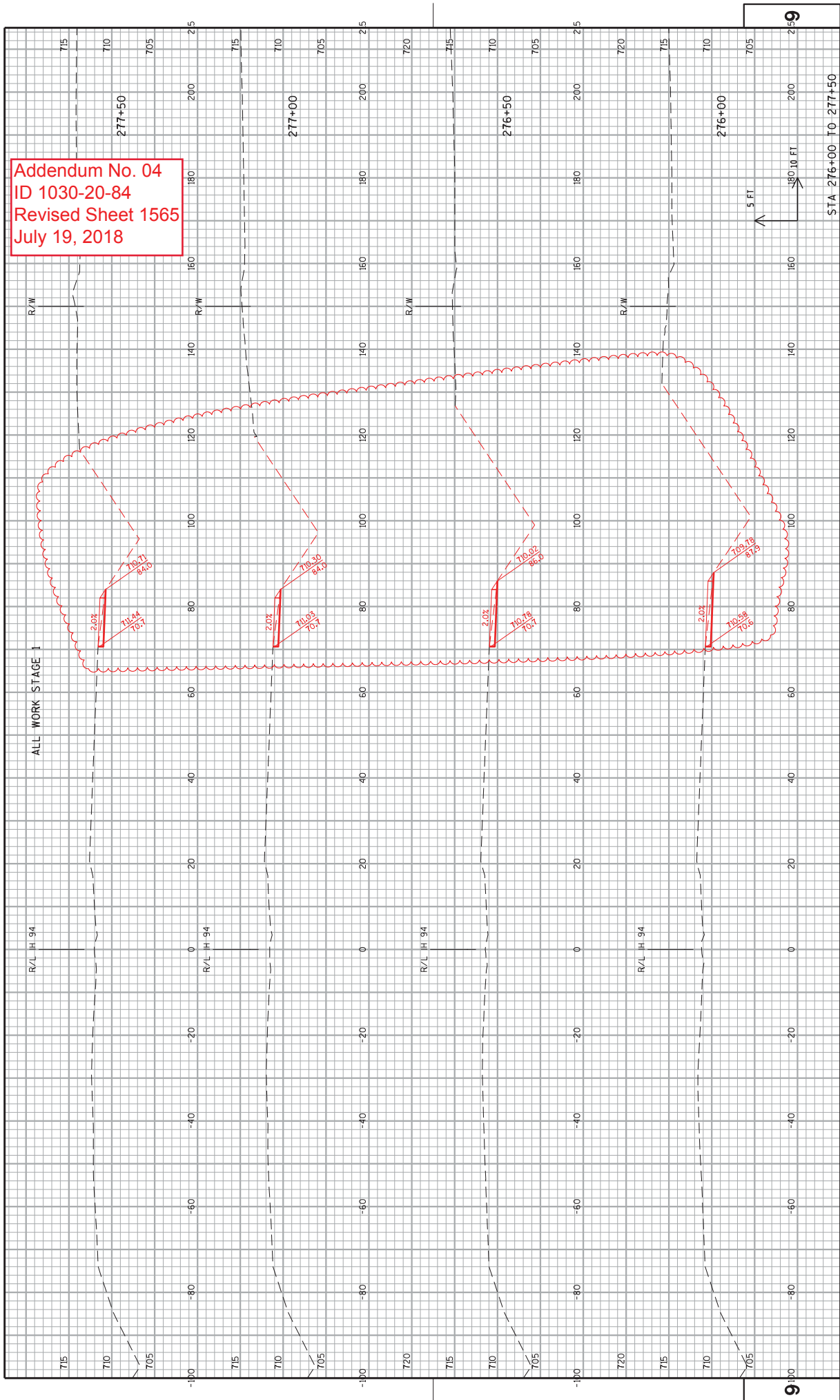
Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1564  
 July 19, 2018

ALL WORK STAGE 1



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY:	MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1564	E
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Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1565  
 July 19, 2018

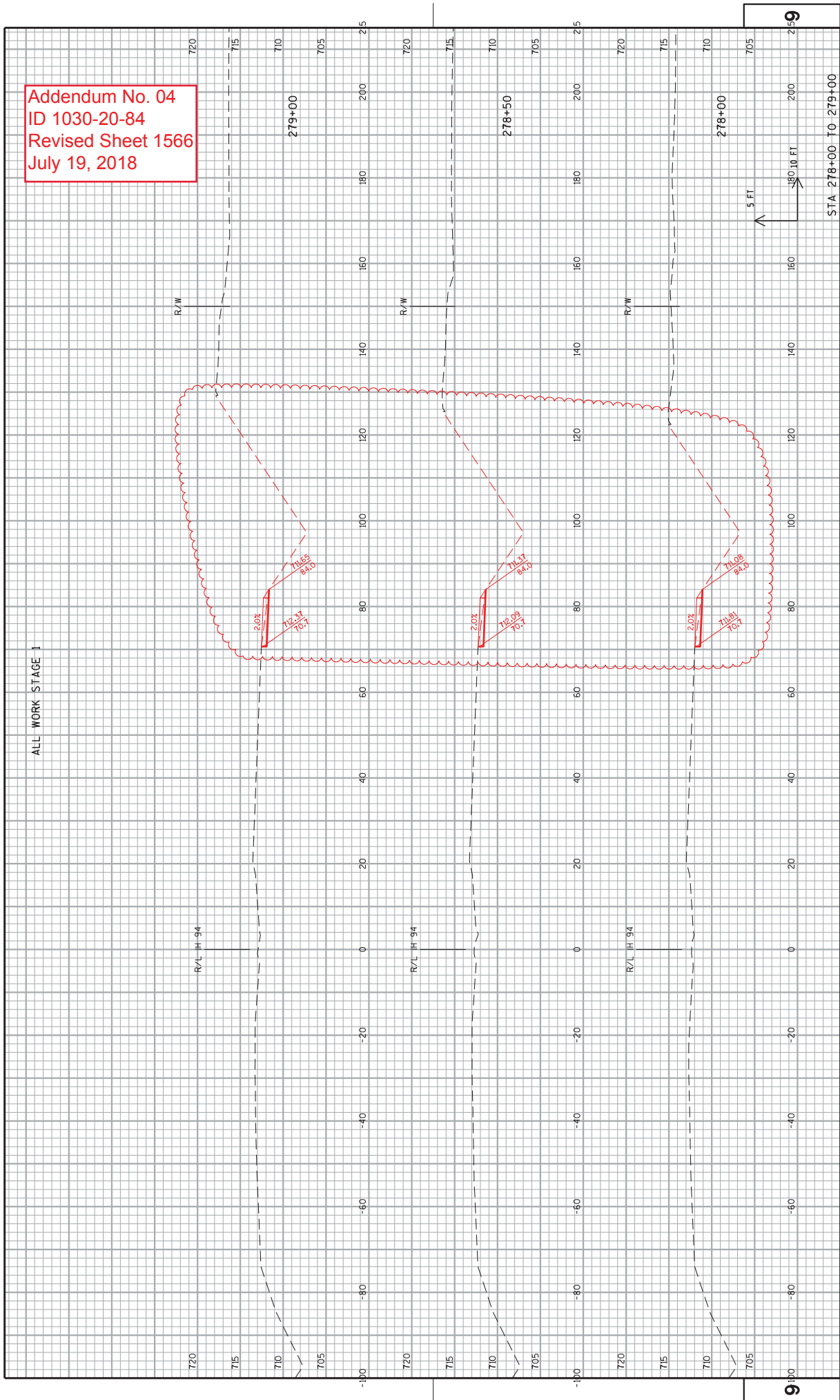


PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1565	E
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Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1566  
 July 19, 2018

ALL WORK STAGE 1



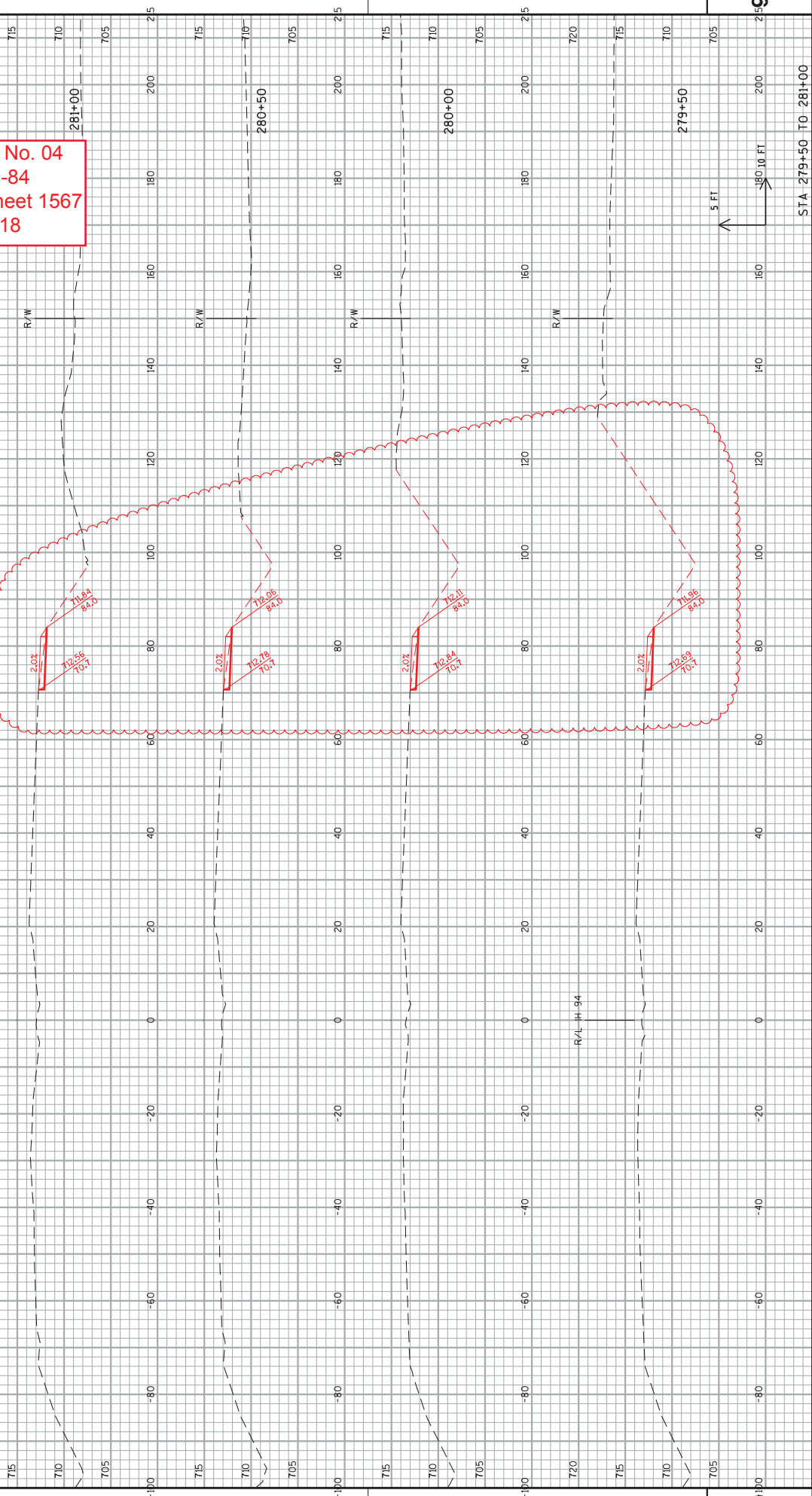
STA 278+00 TO 279+00

PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING  
 SHEET 1566

HWY: IH 94  
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 WISDOT/CADDIS SHEET 21

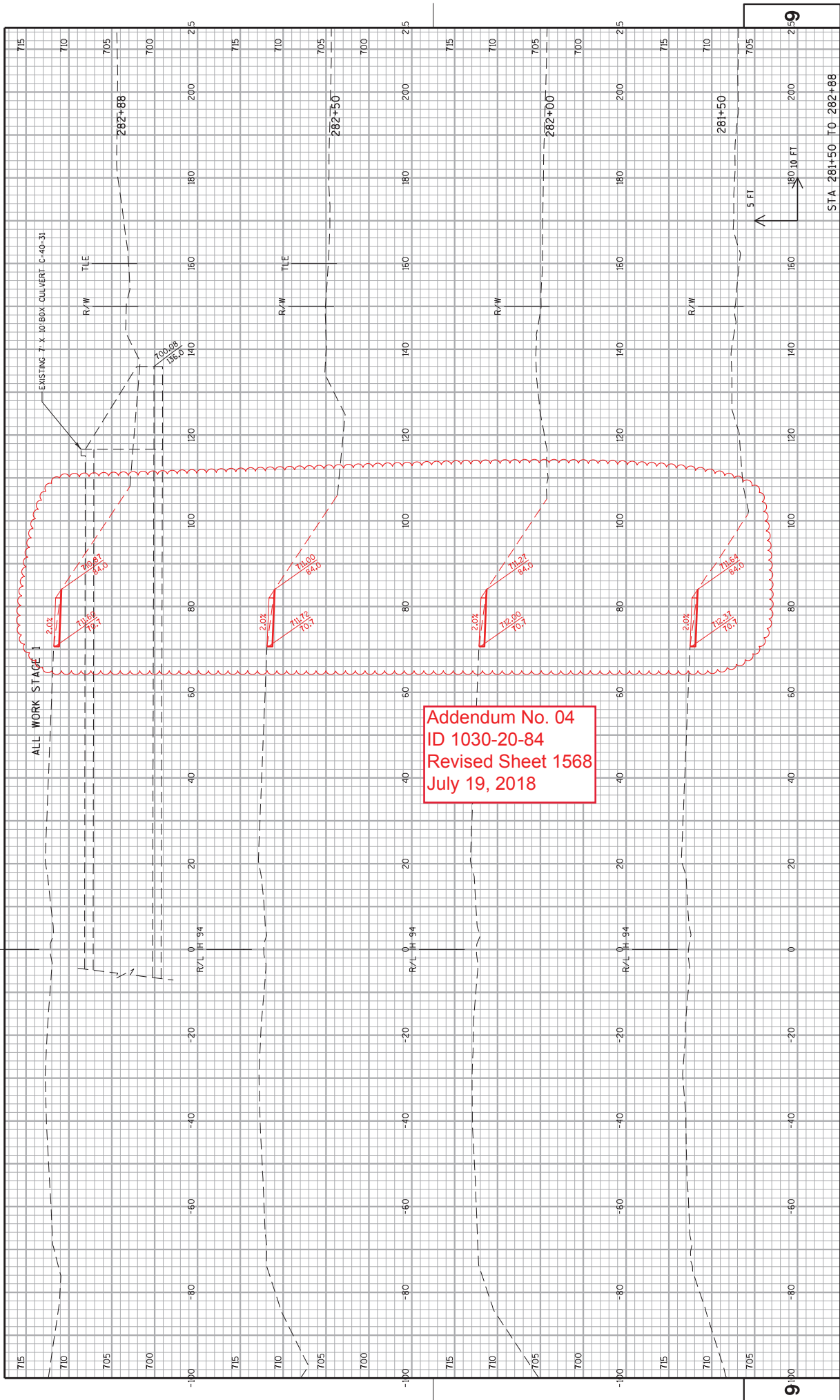
Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1567  
 July 19, 2018

ALL WORK STAGE 1



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1567	E
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R/L IH 94

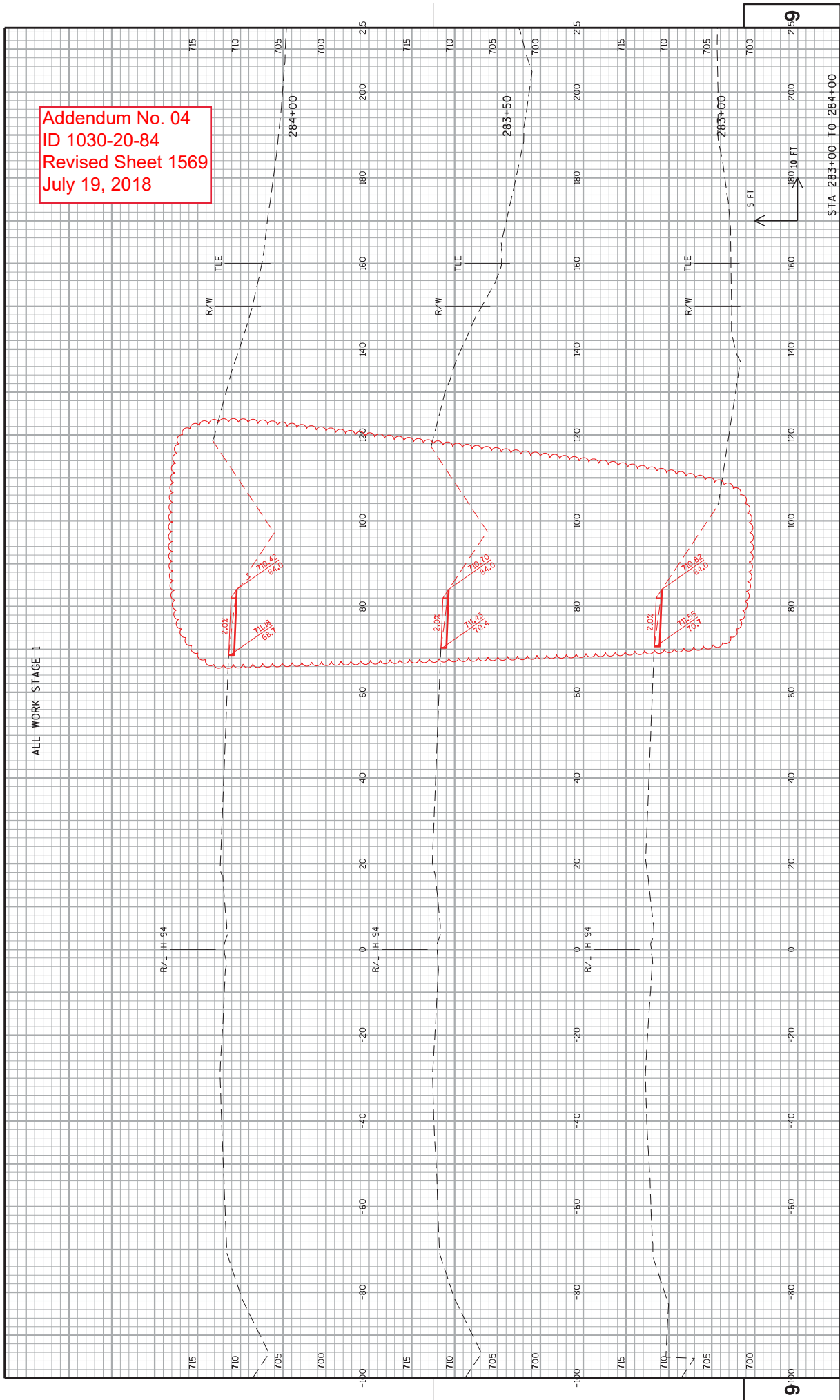


Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1568  
 July 19, 2018

PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1568	E
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Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1569  
 July 19, 2018

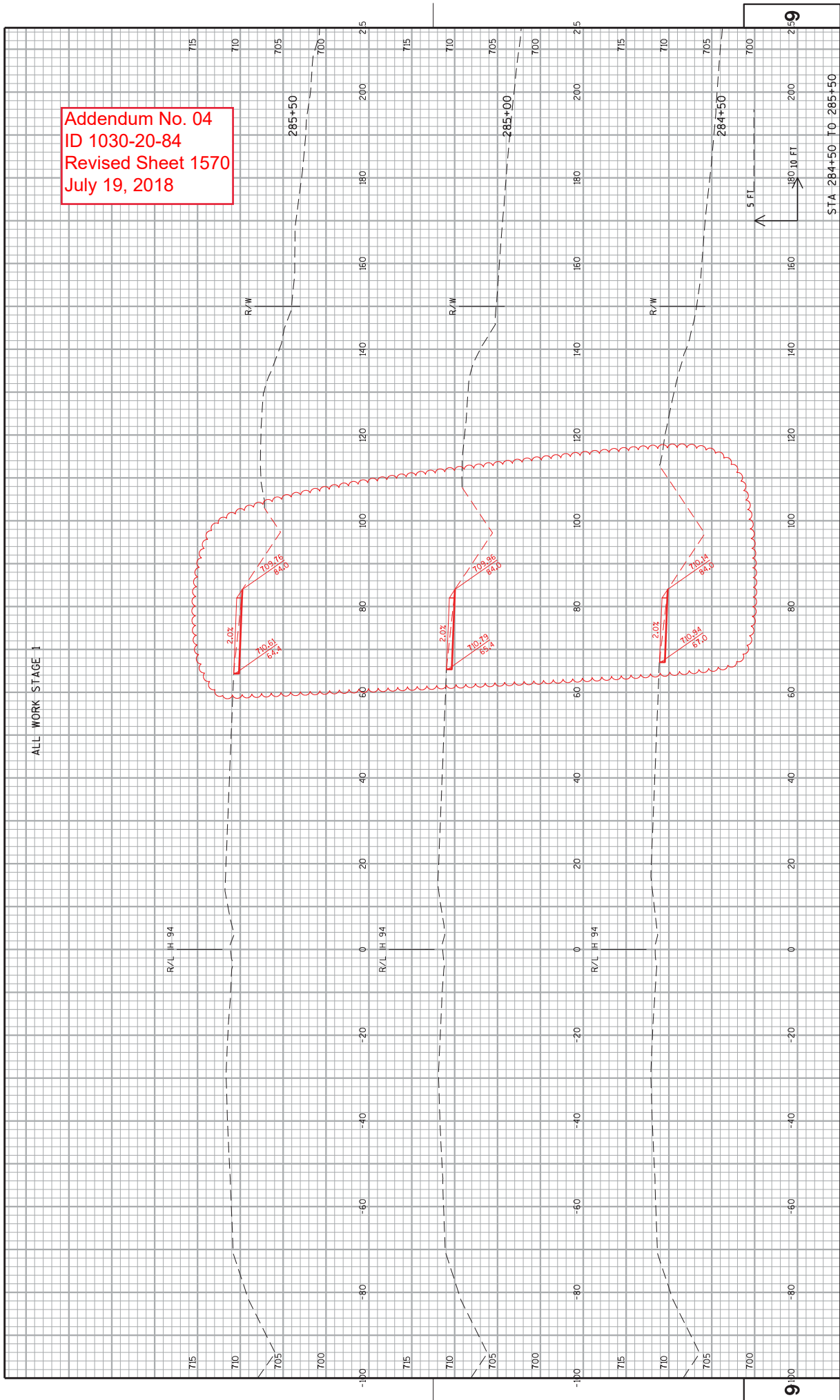
ALL WORK STAGE 1



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY:	MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1569	E
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Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1570  
 July 19, 2018

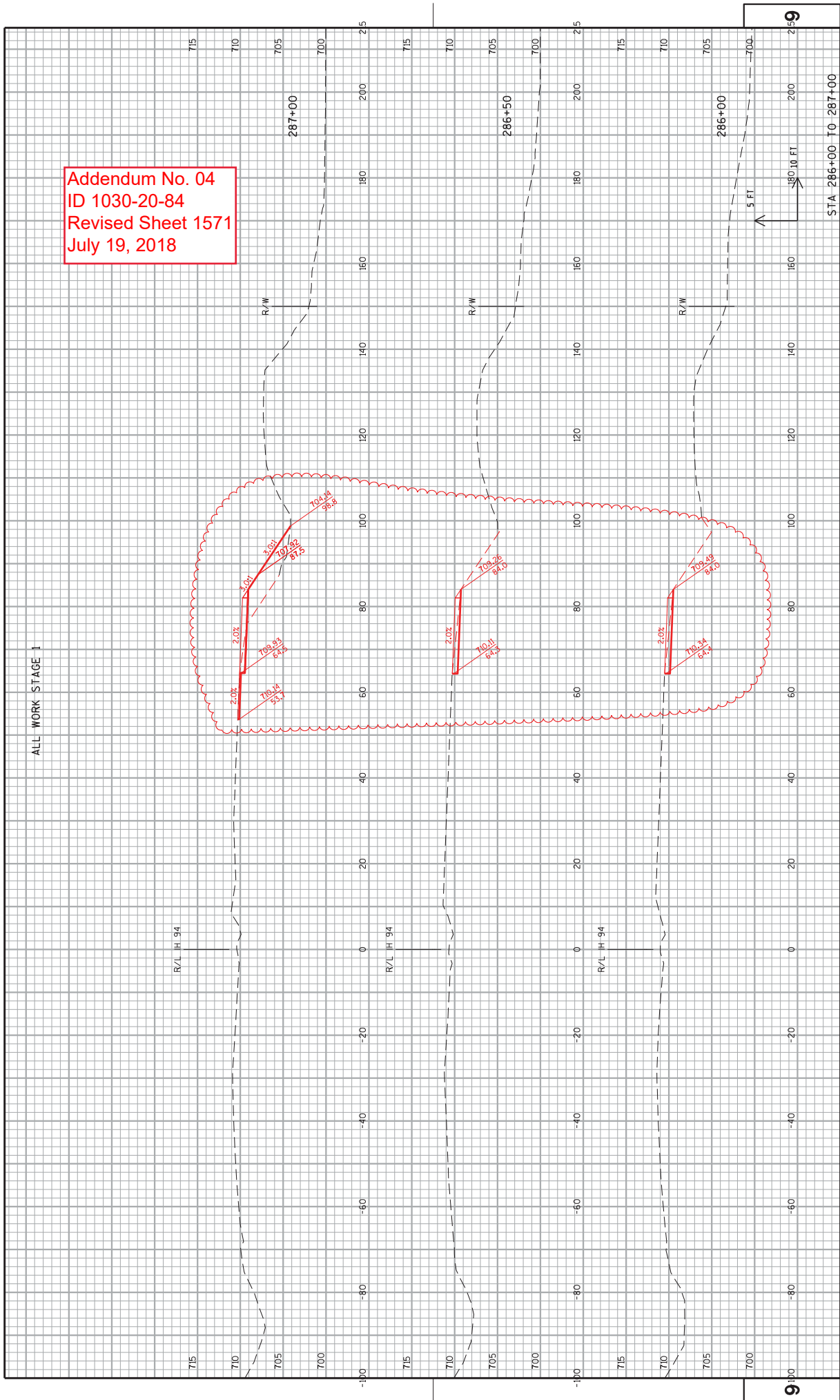
ALL WORK STAGE 1



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1570	E
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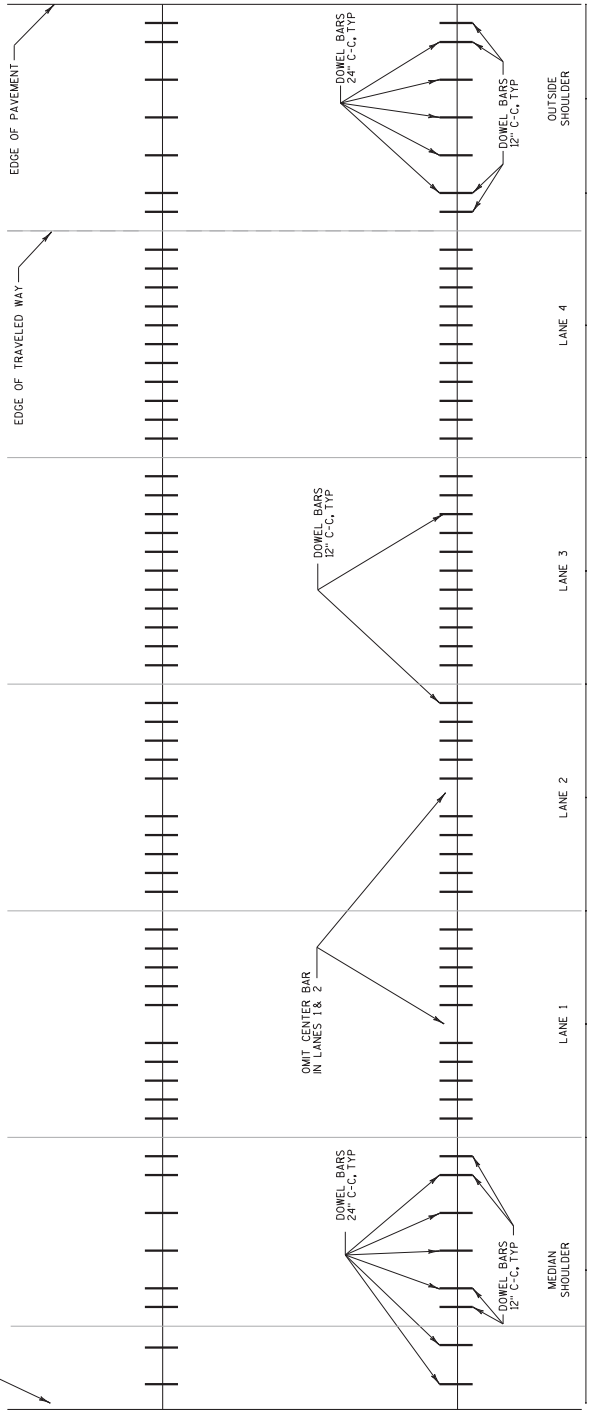
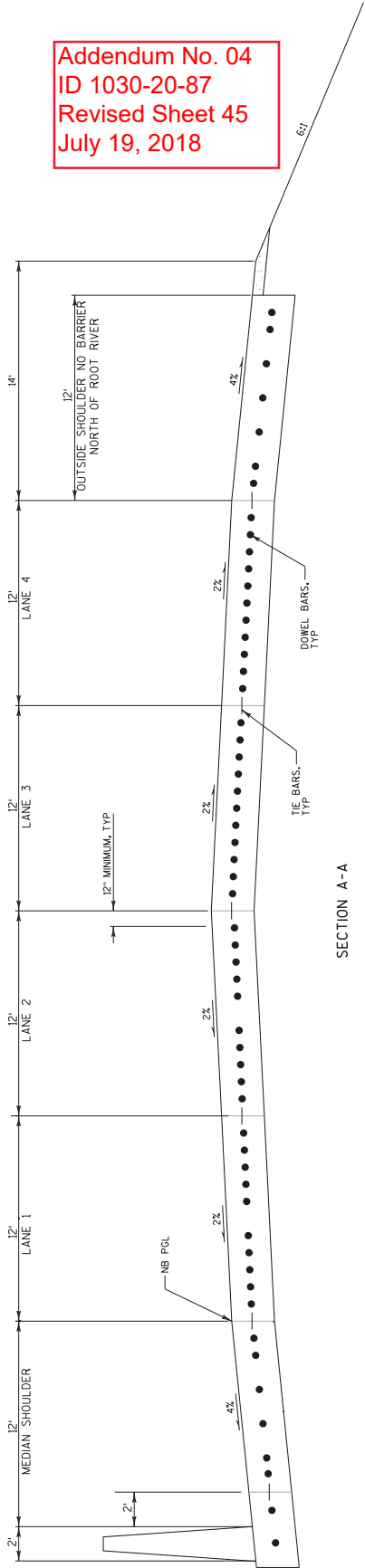
Addendum No. 04  
 ID 1030-20-84  
 Revised Sheet 1571  
 July 19, 2018

ALL WORK STAGE 1



PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING  
 SHEET 1571  
 HWY: IH 94  
 STA 286+00 TO 287+00

**Addendum No. 04**  
**ID 1030-20-87**  
**Revised Sheet 45**  
**July 19, 2018**



PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

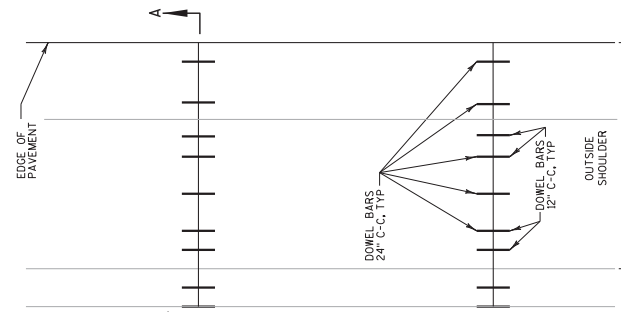
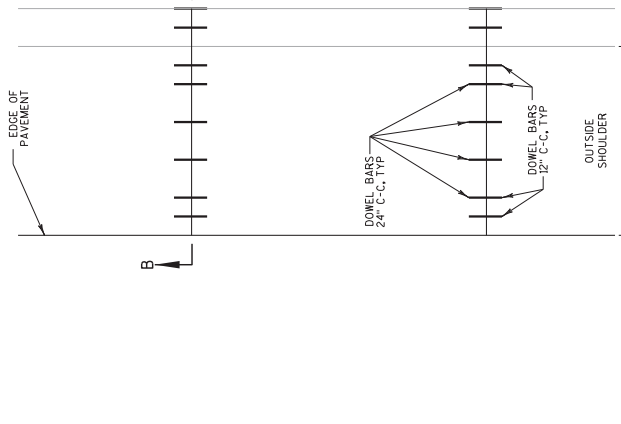
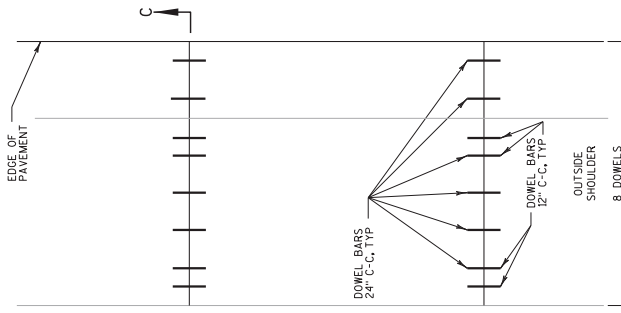
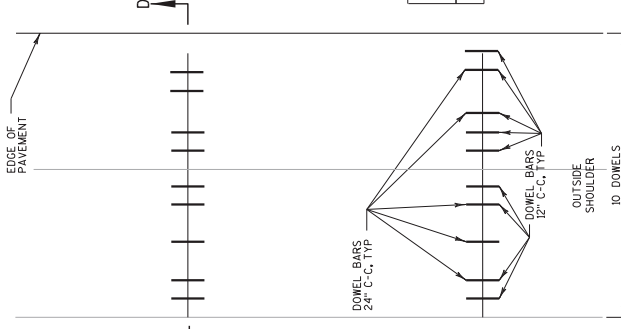
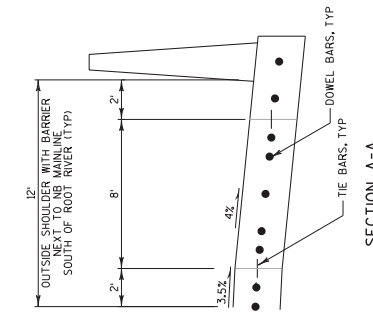
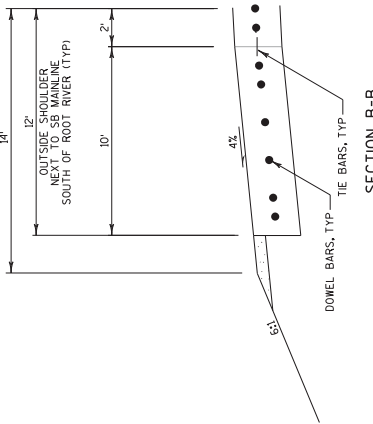
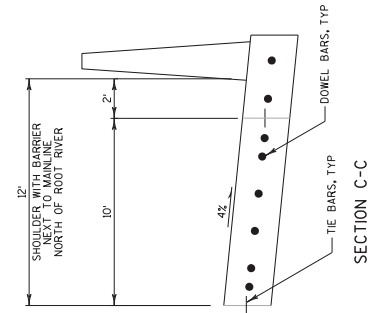
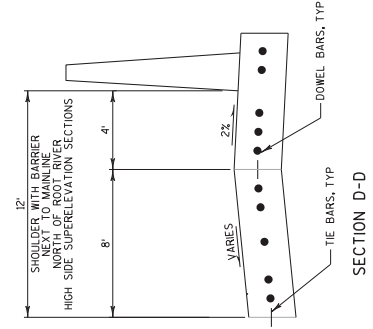
PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

NOTES

1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
2. LOCATE OUTERMOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 12 INCHES FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
3. TREAT SAWED SURFACES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH SILANE SEALANT.

HPC PAVEMENT JOINT DETAIL

Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 46  
 July 19, 2018



PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

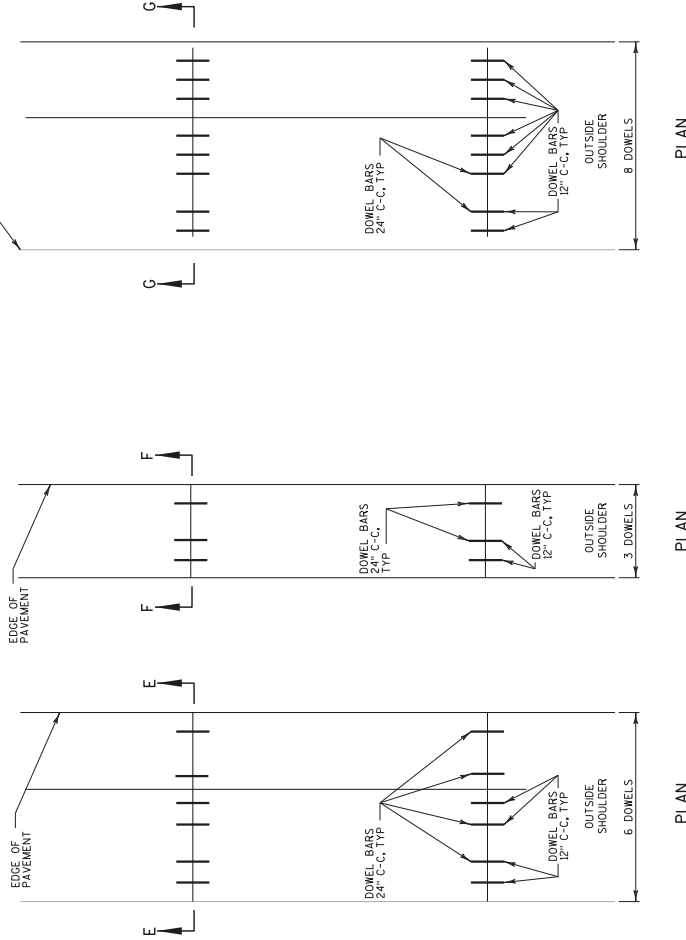
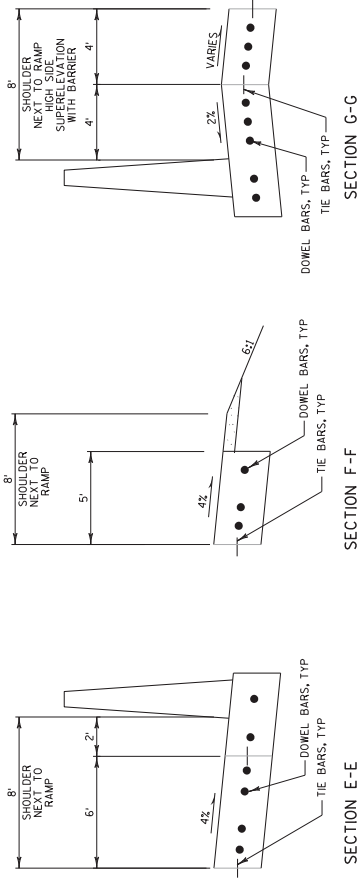
NOTES

1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
2. LOCATE OUTERMOST DOWEL BAR SO THAT THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
3. TREAT EXPOSED SURFACES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH SILICONE SEALANT.

HPC PAVEMENT JOINT DETAIL - SHOULDERS



Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 47  
 July 19, 2018

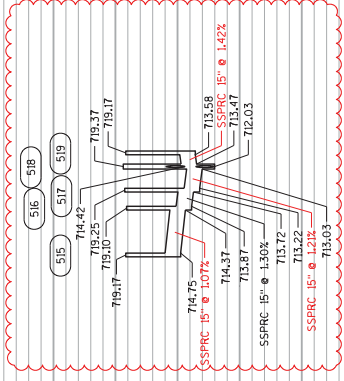
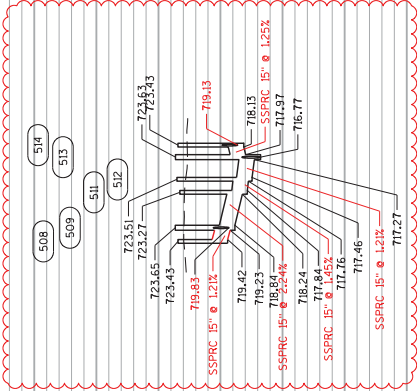
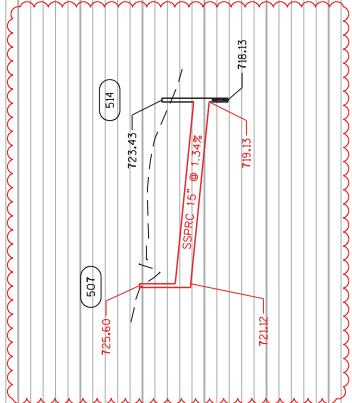
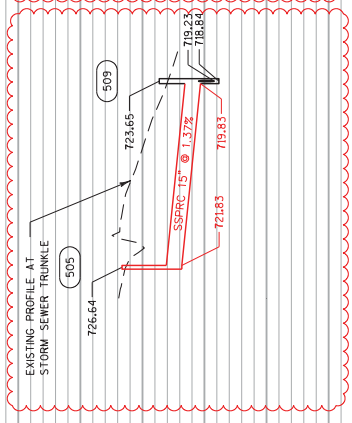


PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

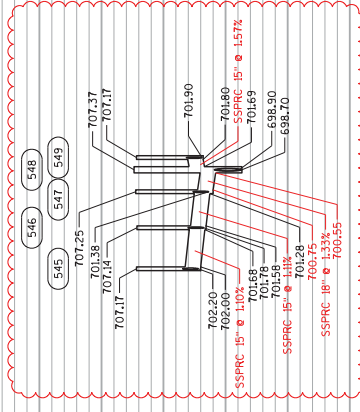
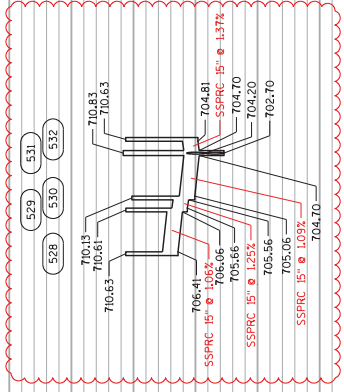
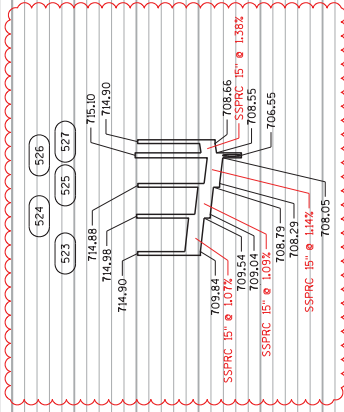
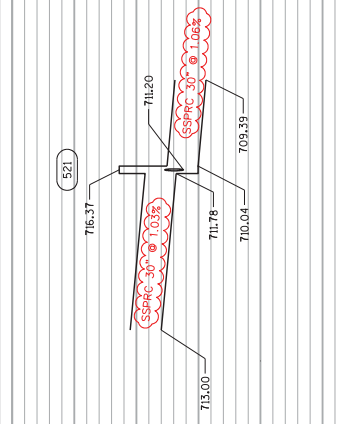
PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

- NOTES
1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
  2. LOCATE OUTERMOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 12 INCHES FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
  3. TREAT ALL SURFACES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH SILANE-SEALANT.

HPC PAVEMENT JOINT DETAIL - SHOULDERS



Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 212  
 July 19, 2018



EARTHWORK SUMMARY

CATEGORY	STAGE	ROADWAY	FROM / TO STATION	205.0100 (1)		SPV.0035.0008 (2/5)		SPV.0035.0009		(3)		SPV.0195.0010		SPV.0195.0012	
				EXCAVATION COMMON	EXCAVATION CY	EBS BACKFILL	ROADWAY EMBANKMENT	SOIL DRYING TREATMENT	STRENGTHENING TREATMENT	SUBGRADE STRENGTHENING TREATMENT	TON	TON	TON	TON	TON
1000	1	RAMP EC	160+00 to 161+31	0	0	0	5,041	1	0	0	0	0	-5,041	0	
		RAMP ED	162+09 to 172+00	81,646	12,247	12,247	13,427	229	408	408	68,219	0	68,219	0	
		ELM	8+47 to 28+50	15,756	2,363	2,363	50,250	301	79	79	-34,494	0	-34,494	0	
		TEMPORARY WIDENING	1131+39 to 1221+15	52,300	7,845	7,845	19,478	259	262	262	32,822	0	32,822	0	
		SUBTOTALS STAGE 1		149,702	22,455	22,455	88,196	790	749	749	61,506	0	61,506	0	
1000	2	IH 94 SB	131+35 to 220+00	42,024	6,304	6,304	97,885	815	210	210	-55,861	0	-55,861	0	
		IH 94 NB	146+00 to 191+00	98,068	14,710	14,710	58,724	321	490	490	39,343	0	39,343	0	
		RAMP EC	145+64 to 160+00	5,383	807	807	37,227	35	27	27	-31,844	0	-31,844	0	
		RAMP ED	172+00 to 182+33	56,957	8,544	8,544	2,473	80	285	285	54,484	0	54,484	0	
		ELM	28+50 to 30+02	0	0	0	15,018	54	0	0	-15,018	0	-15,018	0	
		27TH STREET	805+75 to 816+50	1,555	233	233	310	16	8	8	1,244	0	1,244	0	
		RAMP ED - POND	--	48,142	0	0	208	44	0	0	47,934	0	47,934	0	
		TEMPORARY WIDENING	149+38 to 179+22	2,604	391	391	11,728	0	13	13	-9,125	0	-9,125	0	
		SUBTOTALS STAGE 2		254,732	30,989	30,989	223,574	1,365	1,033	1,033	31,158	0	31,158	0	
1000	4	IH 94 NB	131+35 to 146+00	18,981	2,847	2,847	20,517	271	95	95	-1,536	0	-1,536	0	
		RAMP EA	191+00 to 220+00	36,191	5,429	5,429	15,104	0	181	181	21,087	0	21,087	0	
		RAMP EB	166+10 to 179+84	29,289	4,393	4,393	41,669	53	146	146	-12,380	0	-12,380	0	
		ELM	149+13 to 165+50	0	0	0	7,580	0	0	0	-7,580	0	-7,580	0	
		OAKWOOD	33+44 to 34+66	1,154	173	173	3,557	14	6	6	-2,403	0	-2,403	0	
		RAMP EB - POND	17+00 to 22+00	15,552	0	0	1,241	19	0	0	14,311	0	14,311	0	
		SUBTOTALS STAGE 4		101,167	12,842	12,842	85,668	357	428	428	11,488	0	11,488	0	
GRAND TOTALS				505,601	66,286	66,286	401,439	2,512	2,210	2,210	104,163	0	104,163	0	

Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 362  
 July 19, 2018

**Notes:**  
 1) Cut Volume Includes Concrete and Asphaltic Surface Material.  
 2) EBS Excavation to be backfilled with EBS Backfill - All EBS materials assumed to be wasted offsite.  
 3) Roadway Embankment = Unexpanded Fill  
 4) The Mass Ordinate + or - quantity is calculated by stage. A positive quantity indicates an excess of material within the stage and a negative number indicates a shortage of material within the stage. Mass Ordinate = Cut-Embankment. The mass ordinate is for informational purposes only as Common Excavation and Roadway Embankment are not balanced for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite.  
 5) Geogrid Type SR is to be used in locations of EBS backfill. Quantity is listed elsewhere.

STORM SEWER ITEMS (CONTINUED)

633.5200 522.1018 522.1024 522.1030 522.1036 522.1042

MARKERS  
CULVERT

APRON ENDWALLS FOR CULVERT  
PFE REINFORCED CONCRETE

18-INCH EACH 24-INCH EACH 30-INCH EACH 36-INCH EACH 42-INCH EACH

3

3

STRUCTURE NUMBER	STAGE	STATION	OFFSET FEET	STRUCTURE TYPE	COVER TYPE	RM ELEV.	SITR DEPTH FT.	FROM SITR	TO SITR	SIZE	PFE LENGTH FEET	PLAN LENGTH FEET	SLOPE	INVERT ELEVATION		DISCHARGE	MARKERS CULVERT END EACH	18-INCH EACH	24-INCH EACH	30-INCH EACH	36-INCH EACH	42-INCH EACH	NOTES	
														INLET	OUTLET									
1210		200+00	74.25 RT	--	4-FT	V	725.76	5.22	1210	1209	24-INCH	66	70	1.00%	719.38	718.72	--	--	--	--	--	--	--	
1211		203+00	4.25 LT	--	3-FT	V	718.43	3.96	1211	1212	15-INCH	5	9	1.11%	713.31	713.26	--	--	--	--	--	--	--	FASTEN COVER
1212		203+00	4.25 RT	5-FT	--	V	718.43	5.67	1212	1215	24-INCH	225	230	1.00%	711.60	709.36	--	--	--	--	--	--	--	--
1213		203+00	74.25 RT	--	4-FT	V	718.43	5.32	1213	1212	24-INCH	66	70	0.53%	711.95	711.60	--	--	--	--	--	--	--	--
1214		205+30	4.25 LT	--	3-FT	V	714.19	3.96	1214	1215	15-INCH	5	9	1.11%	709.07	709.02	--	--	--	--	--	--	--	--
1215A		205+30	74.25 RT	--	4-FT	V	714.19	4.32	1215A	1215	24-INCH	66	70	0.53%	708.71	708.36	--	--	--	--	--	--	--	FASTEN COVER
1215		205+30	4.25 RT	5-FT	--	V	714.19	4.67	1215	1217	24-INCH	220	225	0.51%	707.23	707.23	--	--	--	--	--	--	--	FASTEN COVER
1216		207+55	4.25 LT	--	3-FT	V	712.02	3.95	1216	1217	15-INCH	5	9	1.11%	706.91	706.86	--	--	--	--	--	--	--	FASTEN COVER
1217A		207+55	74.25 RT	--	4-FT	V	712.02	4.28	1217A	1217	24-INCH	66	70	0.53%	706.58	706.23	--	--	--	--	--	--	--	--
1217		207+55	4.25 RT	5-FT	--	V	712.02	4.13	1217	1219	24-INCH	240	245	0.51%	706.73	705.50	--	--	--	--	--	--	--	FASTEN COVER
1218		210+00	4.25 LT	5-FT	--	V	710.79	3.94	1218	1219	15-INCH	5	9	1.11%	705.69	705.64	--	--	--	--	--	--	--	FASTEN COVER
1219		210+00	4.25 RT	5-FT	--	V	710.79	4.63	1219	1221	24-INCH	245	250	0.51%	705.00	703.75	--	--	--	--	--	--	--	FASTEN COVER
1220		212+50	4.25 LT	--	3-FT	V	709.53	3.93	1220	1221	15-INCH	5	9	1.11%	704.44	704.39	--	--	--	--	--	--	--	FASTEN COVER
1221		212+50	4.25 RT	5-FT	--	V	709.53	4.87	1221	1223	24-INCH	245	250	0.51%	703.50	702.25	--	--	--	--	--	--	--	FASTEN COVER
1222		215+00	4.25 LT	--	3-FT	V	708.27	3.92	1222	1223	15-INCH	5	9	1.11%	703.19	703.14	--	--	--	--	--	--	--	FASTEN COVER
1223		215+00	4.25 RT	5-FT	--	V	708.27	5.11	1223	1225	24-INCH	245	250	0.51%	702.00	700.75	--	--	--	--	--	--	--	FASTEN COVER
1224		217+50	4.25 LT	--	3-FT	V	707.01	3.91	1224	1225	15-INCH	5	9	1.11%	701.94	701.89	--	--	--	--	--	--	--	FASTEN COVER
1225		217+50	4.25 RT	5-FT	--	V	707.01	5.35	1225	1227	24-INCH	245	250	0.51%	700.50	699.25	--	--	--	--	--	--	--	FASTEN COVER
1226		220+00	4.25 LT	--	3-FT	V	705.75	3.90	1226	1227	15-INCH	5	9	1.11%	700.69	700.64	--	--	--	--	--	--	--	FASTEN COVER
1227		220+00	4.25 RT	5-FT	--	V	705.75	5.84	1227						698.75	--	--	--	--	--	--	--	FASTEN COVER	
RAMP EA		174EA+25	18.00' LT	--	2.5X3-FT	V	707.10	6.02	1184	1189	15-INCH	44	47	0.66%	699.92	699.63	--	--	--	--	--	--	--	FASTEN COVER
RAMP EB		1184		--																				
1139		151EB+38	57.50' RT	--	--	--	0.00	0.00	OUTFALL	--	--	--	--	--	674.75	--	--	--	--	1	--	--		
1140		151EB+78	59.00' RT	5-FT	--	J	683.57	7.50	1140	1139	30-INCH	38	40	0.67%	675.00	674.75	--	--	--	--	--	--		
1141		152EB+05	64.25' RT	--	--	--	--	0.00	PIPE END	1140	18-INCH	25	27	0.00%	672.50	672.50	--	--	--	--	1	--		
1144		152EB+50	23.00' LT	--	MEDIAN 2	2-MS	683.50	3.50	1144	1145	18-INCH	41	43	2.44%	680.00	679.00	--	--	--	--	--	--		
1145		152EB+50	26.00' RT	--	--	--	0.00	0.00	OUTFALL	--	--	--	--	--	679.00	--	--	--	--	1	--			
RAMP EC		150EC+60	36.00' LT	--	--	--	0.00	0.00	OUTFALL	--	--	--	--	--	679.00	--	--	--	--	1	--			
1133		150EC+60	18.00' RT	--	4-FT	V	687.00	6.69	1133	1133	24-INCH	46	48	1.41%	679.15	678.50	--	--	--	--	--	--		
1134		150EC+60	27.00' RT	--	3-FT	V	686.52	3.36	1135	1134	15-INCH	6	9	1.82%	682.00	681.90	--	--	--	--	--	--	FASTEN COVER	
1142		153EC+16	54.00' LT	--	--	--	0.00	0.00	OUTFALL	--	--	--	--	--	678.00	--	--	--	--	1	--			
1143		154EC+00	35.25' RT	--	MEDIAN 2	2-MS	684.50	5.55	1143	1142	24-INCH	81	83	1.18%	678.95	678.00	--	--	--	--	--	--	FASTEN COVER	
1146		153+87	74.25' LT	--	2X3-FT	V	685.60	5.18	1146	1143	24-INCH	14	18	1.50%	679.26	679.05	--	--	--	--	--	--		
ELM RD		505		--	2.5X3-FT	WM	726.64	3.63	505	509	15-INCH	147	150	1.37%	721.83	719.83	--	--	--	--	--	--		
507		809T+32	50.50' RT	--	4-FT	WM	725.60	3.30	507	514	15-INCH	149	153	1.34%	721.12	719.13	--	--	--	--	--	--		
508		12E+00	46.00' LT	--	2X2.5-FT	WM	722.86	2.26	508	509	15-INCH	16	19	1.21%	719.42	719.23	--	--	--	--	--	--		
509		12E+00	35.00' LT	4-FT	--	J	723.65	3.74	509	511	15-INCH	27	30	2.24%	718.84	718.24	--	--	--	--	--	--		
511		12E+00	4.00' LT	--	2X2.5-FT	WM	723.19	4.17	511	512	15-INCH	6	8	1.45%	717.84	717.76	--	--	--	--	--	--		
512		12E+00	4.00' RT	--	2X2.5-FT	WM	723.51	4.87	512	513	15-INCH	16	19	1.21%	717.46	717.27	--	--	--	--	--	--		
513		12E+00	23.00' RT	4-FT	--	J	723.63	5.79	513	518	18-INCH	231	235	1.02%	716.77	714.42	--	--	--	--	--	--		
514		12E+00	36.00' RT	--	4-FT	WM	723.43	4.12	514	513	15-INCH	13	16	1.25%	718.13	717.97	--	--	--	--	--	--		
515		14E+35	46.00' LT	--	2X2.5-FT	WM	718.61	2.68	515	516	15-INCH	36	38	1.07%	714.75	714.37	--	--	--	--	--	--		
516		14E+35	8.34' LT	--	2X2.5-FT	WM	719.01	3.96	516	517	15-INCH	12	14	1.30%	713.87	713.72	--	--	--	--	--	--		

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 372  
July 19, 2018

(CONTINUED ON NEXT SHEET)

SHEET: 372

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

PROJECT NO: 1030-20-87

FILE NAME: S:\FinalDesign\MIL10302087\_ERRoads\cals\030202\_mil\_dna.rpt PLOT DATE: 7/18/2018 4:35:46 PM PLOT BY: MSCGEJ PLOT NAME: 1030202\_mil\_dna.rpt

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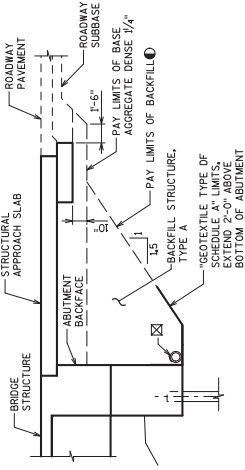
**TOTAL ESTIMATED QUANTITIES**

ITEM NO.	BID ITEMS	UNIT	S. APPROACH SLAB	SOUTH ABUTMENT	PIER 1	PIER 2	NORTH ABUTMENT	N. APPROACH SLAB	SUPER,	TOTAL
203.0210.S.0005	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-221	LS	-	-	-	-	-	-	-	1
203.0700.S.0002	REMOVING OLD STRUCTURE OVER WATERWAY WITH DEBRIS CAPTURE SYSTEM STATION 134+36 SB	LS	-	-	-	-	-	-	-	1
206.0000.4801	EXCAVATION FOR STRUCTURES BRIDGES B-40-801	LS	-	-	-	-	-	-	-	1
206.5000.4001	COFFERDAMS STRUCTURE B-40-801	LS	-	-	-	-	-	-	-	1
220.1500	BACKFILL STRUCTURE TYPE A	TON	-	445	-	-	422	-	-	837
305.0205	BASE AGGREGATE DENSE 1 1/4-INCH	CY	127	-	-	-	-	130	-	257
501.0000.S	ICE HOT WEATHER CONCRETING	LB	817	728	1,933	2,126	713	832	4,208	14,317
502.0100	CONCRETE MASONRY BRIDGES	CY	23	97	236	283	95	23	-	817
502.3200	PROTECTIVE SURFACE TREATMENT	SY	160	-	74	-	160	-	2,530	2,850
502.3210	PIGMENTED SURFACE SEALER	SY	20	-	-	-	20	-	276	316
503.0146	PRESTRESSED GIRDER TYPE I 45W-INCH	LF	-	-	-	-	-	-	2,782	2,782
505.0610	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	17,260	8,200	10,090	9,620	7,080	17,410	156,880	227,080
505.0600.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	1250	-	-	-	-	1,290	-	2,580
506.2605	BEARING PAIDS ELASTOMERIC NON-LAMINATED	EACH	-	10	20	20	10	-	-	60
506.4000.4020	STEEL DIAPHRAGMS STRUCTURE B-40-801	EACH	-	54	-	-	-	-	54	54
511.2000.4020	TEMPORARY SHORING STRUCTURE B-40-801	SF	-	196	-	-	178	-	-	374
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	-	18	-	-	18	-	-	36
517.0100.S.4006	CONCRETE STAINING STRUCTURE B-40-801	SF	150	144	442	137	150	3,602	-	4,375
550.4120	PILING STEEL HP 12-INCH X 53 LB	LF	-	910	1,540	1,540	915	-	4,965	13,319
606.0300	PIPE UNDERBRAN WRAPPED 6-INCH	CY	-	492	51	51	516	-	-	1,109
612.0406	PIPE UNDERBRAN WRAPPED 6-INCH	LF	-	100	-	-	100	-	-	154
645.0111	GEOTEXTILE TYPE OF SCHEDULE A	SY	-	81	-	-	83	-	-	164
645.0120	GEOTEXTILE TYPE HR	SY	-	839	180	180	885	-	-	2,085
SPV.0035.4000	HPC MASONRY STRUCTURES	CY	-	2	-	-	2	-	608	765
SPV.0060.4001	PILE DYNAMIC ANALYZER (PDA) TESTING	EACH	-	2	2	2	2	-	-	8
SPV.0060.4000	PILE DYNAMIC ANALYZER (PDA) RESTRIKES	EACH	-	2	2	2	2	-	-	8
SPV.0065.4001	LONGITUDINAL GROOVING BRIDGE DECK	SF	1,444	-	-	-	-	1,444	20,340	23,229
SPV.0165.4020	PARTIAL DEPTH PRECAST CONCRETE DECK PANELS B-40-801	SF	-	-	-	-	-	-	14,440	14,440
	NON-BID ITEMS									
	NAME PLATE FILLER	SIZE								1/2" x 3/4"

ALL BID ITEMS ARE CATEGORY 2210

**Addendum No. 04  
ID 1030-20-87  
Revised Sheet 742  
July 19, 2018**

STATE PROJECT NUMBER  
**1030-20-87**



**STRUCTURAL BACKFILL LIMITS**

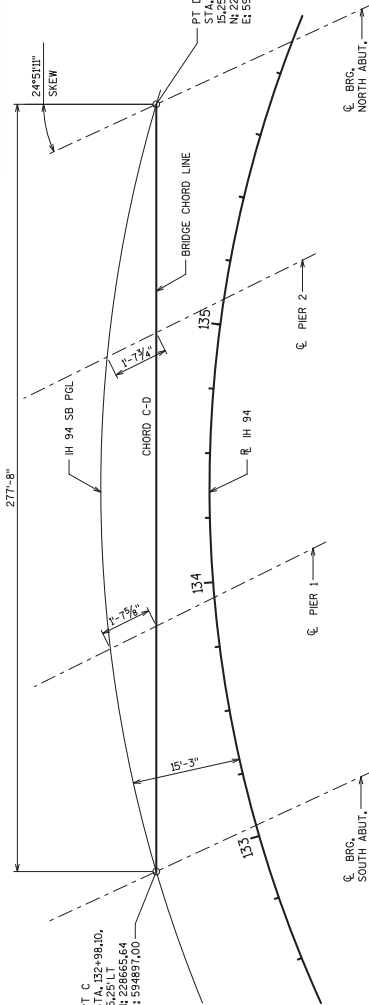
- LEGEND**
- BACKFILL PAY LIMITS BEYOND BACKFILL SHALL BE EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION FOR STRUCTURES DETERMINED BY THE CONTRACTOR.
  - PIPE UNDERBRAN WRAPPED 6" INSUL. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE AT EACH ROCKET SHIELD AT ENDS OF PIPE UNDERBRAN.



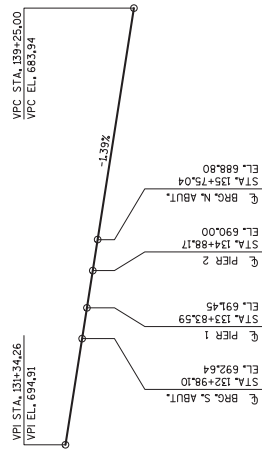
**HORIZONTAL CURVE DATA**

R. IH 94  
 PI = 132+36.65  
 NI = 228667.02  
 EI = 594475.25  
 Δ = 42°30'35.07" RT.  
 D = 102211.78"  
 L = 4100.86  
 E = 403.47  
 PC = 110+86.68  
 PT = 114+97.54  
 NI = 228511.47  
 EI = 594432.49  
 Δ = 23°22'22.68"  
 E = 595959.26

PT D  
 STA. 135+75.04  
 NI = 228916.31  
 EI = 595016.45



**PROFILE GRADE LINE - IH 94 SB**



**CHORD LINE LAYOUT**

Division 1 Ramp EC

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
160+00 AH	16000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160+50	16050.00	50.00	0.00	1293.31	0.00	0.00	1197.50	0.00	1197.50	0.00	-1197.50	-1197.50
161+00	16100.00	50.00	0.00	1459.00	0.00	0.00	2548.43	0.00	3745.94	0.00	-3745.94	-3745.94
161+31 BK	16131.40	31.40	0.00	768.34	0.00	0.00	1295.16	0.00	5041.09	0.00	-5041.09	-5041.09
Column totals			0.00	5041.09	0.00	0.00	5041.09	0.00	5041.09	0.00	0.00	0.00

Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 912  
 July 19, 2018

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 915  
July 19, 2018

Division 1 TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
1131+39 AH	113139.00	0.00	30.34	394.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1131+50	113150.00	11.00	33.65	387.77	0.00	13.04	159.45	0.00	13.04	159.45	0.00	-146.41
1132+00	113200.00	50.00	32.18	370.85	0.00	60.95	702.43	0.00	73.99	861.87	0.00	-787.88
1132+50	113250.00	50.00	41.26	362.29	0.00	68.00	678.83	0.00	141.99	1540.70	0.00	-1398.72
1133+00	113300.00	50.00	30.15	434.95	0.00	66.12	738.19	0.00	208.11	2278.89	0.00	-2070.78
1133+25 BK	113325.00	25.00	21.13	493.14	0.00	23.74	429.67	0.00	231.85	2708.56	0.00	-2477.71
1136+32 AH	113632.00	0.00	25.60	212.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2477.71
1136+50	113650.00	18.00	30.33	173.46	0.00	18.64	128.54	0.00	18.64	128.54	0.00	-2587.61
1137+00	113700.00	50.00	32.44	97.46	0.00	58.12	250.85	0.00	76.76	379.39	0.00	-2780.34
1137+50	113750.00	50.00	33.19	62.94	0.00	60.77	148.52	0.00	137.53	527.91	0.00	-2868.09
1138+00	113800.00	50.00	38.05	42.62	0.00	65.96	97.74	0.00	203.50	625.65	0.00	-2899.87
1138+50	113850.00	50.00	34.62	37.56	0.00	67.29	74.24	0.00	270.78	699.89	0.00	-2906.82
1139+00	113900.00	50.00	33.92	34.53	0.00	63.46	66.75	0.00	334.25	766.64	0.00	-2910.11
1139+50	113950.00	50.00	34.01	35.14	0.00	62.90	64.51	0.00	397.14	831.15	0.00	-2911.72
1140+00	114000.00	50.00	37.69	29.49	0.00	66.39	59.84	0.00	463.53	890.99	0.00	-2905.17
1140+50	114050.00	50.00	35.46	39.37	0.00	67.73	63.76	0.00	531.26	954.75	0.00	-2901.20
1141+00	114100.00	50.00	33.09	48.96	0.00	63.47	81.79	0.00	594.74	1036.54	0.00	-2919.52
1141+50	114150.00	50.00	32.36	99.00	0.00	60.60	137.00	0.00	655.34	1173.54	0.00	-2995.91
1142+00	114200.00	50.00	32.14	151.14	0.00	59.72	231.61	0.00	715.06	1405.15	0.00	-3167.80
1142+50	114250.00	50.00	32.82	170.34	0.00	60.15	297.67	0.00	775.21	1702.82	0.00	-3405.32
1143+00	114300.00	50.00	33.75	161.72	0.00	61.64	307.46	0.00	836.85	2010.28	0.00	-3651.14
1143+50	114350.00	50.00	31.87	182.60	0.00	60.76	318.81	0.00	897.61	2329.10	0.00	-3909.20
1144+00	114400.00	50.00	30.26	191.58	0.00	57.53	346.46	0.00	955.13	2675.56	0.00	-4198.14
1144+50	114450.00	50.00	29.22	181.80	0.00	55.07	345.72	0.00	1010.21	3021.28	0.00	-4488.78
1145+00	114500.00	50.00	29.72	188.48	0.00	54.57	342.85	0.00	1064.78	3364.13	0.00	-4777.06
1145+50	114550.00	50.00	30.11	193.26	0.00	55.40	353.46	0.00	1120.18	3717.60	0.00	-5075.13
1146+00	114600.00	50.00	28.77	202.35	0.00	54.52	366.31	0.00	1174.70	4083.90	0.00	-5386.91
1146+50	114650.00	50.00	26.13	255.97	0.00	50.83	424.37	0.00	1225.53	4508.27	0.00	-5760.45
1147+00	114700.00	50.00	26.34	250.71	0.00	48.58	469.15	0.00	1274.12	4977.42	0.00	-6181.02
1147+50	114750.00	50.00	25.44	263.86	0.00	47.94	476.45	0.00	1322.06	5453.87	0.00	-6609.52
1148+00	114800.00	50.00	25.16	244.58	0.00	46.85	470.78	0.00	1368.91	5924.65	0.00	-7033.45
1148+50	114850.00	50.00	10.00	253.17	0.00	32.56	460.88	0.00	1401.47	6385.53	0.00	-7461.77
1149+00	114900.00	50.00	9.58	232.95	0.00	18.13	450.11	0.00	1419.60	6835.64	0.00	-7893.76
1149+50	114950.00	50.00	10.09	227.10	0.00	18.21	425.97	0.00	1437.81	7261.61	0.00	-8301.52
1150+00	115000.00	50.00	9.36	200.94	0.00	18.01	396.33	0.00	1455.82	7657.95	0.00	-8679.84
1150+50	115050.00	50.00	7.57	115.99	0.00	15.68	293.45	0.00	1471.50	7951.40	0.00	-8957.62
1151+00	115100.00	50.00	9.29	54.17	0.00	15.61	157.56	0.00	1487.11	8108.96	0.00	-9099.56
1151+50	115150.00	50.00	26.43	26.20	0.00	33.07	74.42	0.00	1520.18	8183.37	0.00	-9140.90
1152+00	115200.00	50.00	79.92	14.40	0.00	98.47	37.59	0.00	1618.65	8220.97	0.00	-9080.02

(CONTINUED ON NEXT SHEET)

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Division 1 TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
1152+50	115250.00	50.00	150.96	11.63	0.00	213.78	24.10	0.00	1832.43	8245.07	0.00	-8890.35
1153+00	115300.00	50.00	207.60	7.59	0.00	332.00	17.80	0.00	2164.43	8262.86	0.00	-8576.14
1153+50	115350.00	50.00	253.67	8.49	0.00	427.10	14.89	0.00	2591.53	8277.75	0.00	-8163.93
1154+00	115400.00	50.00	322.10	4.65	0.00	533.12	12.17	0.00	3124.65	8289.92	0.00	-7642.98
1154+50	115450.00	50.00	389.39	4.30	0.00	658.79	8.29	0.00	3783.44	8298.21	0.00	-6992.48
1155+00	115500.00	50.00	210.34	4.41	0.00	555.31	8.06	0.00	4338.75	8306.27	0.00	-6445.24
1155+50	115550.00	50.00	438.20	5.41	0.00	600.50	9.09	0.00	4939.25	8315.36	0.00	-5853.83
1156+00	115600.00	50.00	496.78	3.23	0.00	865.72	8.00	0.00	5804.97	8323.36	0.00	-4996.11
1156+50	115650.00	50.00	503.84	3.63	0.00	926.50	6.35	0.00	6731.47	8329.72	0.00	-4075.96
1157+00	115700.00	50.00	467.33	1.63	0.00	899.23	4.87	0.00	7630.70	8334.59	0.00	-3181.60
1157+50	115750.00	50.00	455.82	3.61	0.00	854.77	4.85	0.00	8485.47	8339.44	0.00	-2331.68
1158+00	115800.00	50.00	499.49	4.91	0.00	884.55	7.89	0.00	9370.01	8347.33	0.00	-1455.02
1158+50	115850.00	50.00	516.22	5.12	0.00	940.47	9.29	0.00	10310.49	8356.61	0.00	-523.84
1159+00	115900.00	50.00	510.98	4.08	0.00	951.11	8.52	0.00	11261.60	8365.13	0.00	418.75
1159+50	115950.00	50.00	526.40	4.21	0.00	960.54	7.68	0.00	12222.13	8372.81	0.00	1371.61
1160+00	116000.00	50.00	529.30	5.27	0.00	977.50	8.78	0.00	13199.63	8381.59	0.00	2340.34
1160+50	116050.00	50.00	566.04	6.21	0.00	1014.20	10.63	0.00	14213.84	8392.22	0.00	3343.91
1161+00	116100.00	50.00	568.06	8.22	0.00	1050.09	13.36	0.00	15263.93	8405.58	0.00	4380.64
1161+50	116150.00	50.00	579.07	4.48	0.00	1062.16	11.76	0.00	16326.09	8417.34	0.00	5431.04
1162+00	116200.00	50.00	548.59	5.09	0.00	1044.13	8.86	0.00	17370.22	8426.20	0.00	6466.31
1162+50	116250.00	50.00	531.78	3.59	0.00	1000.34	8.04	0.00	18370.56	8434.23	0.00	7458.61
1163+00	116300.00	50.00	591.42	3.37	0.00	1040.00	6.44	0.00	19410.56	8440.68	0.00	8492.17
1163+50	116350.00	50.00	592.28	5.37	0.00	1096.02	8.09	0.00	20506.58	8448.77	0.00	9580.10
1164+00	116400.00	50.00	611.55	4.31	0.00	1114.66	8.96	0.00	21621.24	8457.73	0.00	10685.79
1164+50	116450.00	50.00	601.60	4.70	0.00	1123.29	8.34	0.00	22744.52	8466.08	0.00	11800.74
1165+00	116500.00	50.00	569.06	5.61	0.00	1083.94	9.55	0.00	23828.47	8475.62	0.00	12875.13
1165+50	116550.00	50.00	538.12	7.39	0.00	1025.17	12.04	0.00	24853.63	8487.66	0.00	13888.26
1166+00	116600.00	50.00	529.64	8.18	0.00	988.67	14.42	0.00	25842.30	8502.08	0.00	14862.51
1166+50	116650.00	50.00	539.56	8.12	0.00	990.00	15.09	0.00	26832.30	8517.17	0.00	15837.42
1167+00	116700.00	50.00	570.00	9.14	0.00	1027.37	15.98	0.00	27859.67	8533.15	0.00	16848.81
1167+50	116750.00	50.00	606.41	5.41	0.00	1089.27	13.47	0.00	28948.94	8546.62	0.00	17924.61
1168+00	116800.00	50.00	600.74	4.70	0.00	1117.73	9.36	0.00	30066.67	8555.98	0.00	19032.98
1168+50	116850.00	50.00	522.59	9.96	0.00	1040.12	13.57	0.00	31106.79	8569.56	0.00	20059.52
1169+00	116900.00	50.00	486.95	9.03	0.00	934.76	17.58	0.00	32041.55	8587.14	0.00	20976.70
1169+50	116950.00	50.00	459.59	9.67	0.00	876.43	17.31	0.00	32917.98	8604.46	0.00	21835.81
1170+00	117000.00	50.00	416.34	15.12	0.00	811.05	22.95	0.00	33729.02	8627.41	0.00	22623.90
1170+50	117050.00	50.00	337.71	28.59	0.00	698.19	40.47	0.00	34427.22	8667.88	0.00	23281.62
1171+00	117100.00	50.00	312.85	24.99	0.00	602.37	49.61	0.00	35029.59	8717.49	0.00	23834.38
1171+50	117150.00	50.00	235.71	30.25	0.00	507.93	51.15	0.00	35537.51	8768.64	0.00	24291.16
1172+00	117200.00	50.00	181.41	51.27	0.00	386.22	75.48	0.00	35923.74	8844.12	0.00	24601.90

Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 916  
 July 19, 2018

(CONTINUED ON NEXT SHEET)



Division 1 TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
1172+50	117250.00	50.00	172.79	60.07	0.00	327.96	103.09	0.00	36251.70	8947.22	0.00	24826.77
1173+00	117300.00	50.00	172.36	61.67	0.00	319.58	112.72	0.00	36571.28	9059.94	0.00	25033.63
1173+50	117350.00	50.00	137.07	71.20	0.00	286.51	123.03	0.00	36857.79	9182.97	0.00	25197.11
1174+00	117400.00	50.00	110.52	78.34	0.00	229.25	138.46	0.00	37087.04	9321.43	0.00	25287.90
1174+50	117450.00	50.00	110.29	80.70	0.00	204.45	147.26	0.00	37291.50	9468.69	0.00	25345.10
1175+00	117500.00	50.00	107.76	88.18	0.00	201.90	156.37	0.00	37493.39	9625.06	0.00	25390.62
1175+50	117550.00	50.00	92.27	84.48	0.00	185.21	159.87	0.00	37678.61	9784.93	0.00	25415.97
1176+00	117600.00	50.00	71.98	91.18	0.00	152.08	162.65	0.00	37830.69	9947.58	0.00	25405.40
1176+50	117650.00	50.00	56.44	92.23	0.00	118.91	169.82	0.00	37949.60	10117.40	0.00	25354.49
1177+00	117700.00	50.00	50.46	94.91	0.00	98.98	173.28	0.00	38048.58	10290.68	0.00	25280.19
1177+50	117750.00	50.00	47.61	95.96	0.00	90.81	176.73	0.00	38139.38	10467.41	0.00	25194.26
1178+00	117800.00	50.00	60.75	90.67	0.00	100.33	172.81	0.00	38239.72	10640.22	0.00	25121.79
1178+50	117850.00	50.00	59.77	93.26	0.00	111.59	170.31	0.00	38351.31	10810.52	0.00	25063.08
1179+00	117900.00	50.00	50.16	92.10	0.00	101.79	171.63	0.00	38453.10	10982.15	0.00	24993.24
1179+50	117950.00	50.00	66.43	88.47	0.00	107.95	167.19	0.00	38561.05	11149.35	0.00	24933.99
1180+00	118000.00	50.00	66.06	87.46	0.00	122.68	162.90	0.00	38683.73	11312.24	0.00	24893.77
1180+50	118050.00	50.00	74.71	81.43	0.00	130.34	156.38	0.00	38814.07	11468.62	0.00	24867.74
1181+00	118100.00	50.00	79.92	72.09	0.00	143.18	142.15	0.00	38957.25	11610.77	0.00	24868.76
1181+50	118150.00	50.00	74.87	70.70	0.00	143.32	132.21	0.00	39100.57	11742.98	0.00	24879.87
1182+00	118200.00	50.00	64.03	80.23	0.00	128.61	139.75	0.00	39229.18	11882.73	0.00	24868.74
1182+50	118250.00	50.00	44.61	80.43	0.00	100.59	148.76	0.00	39329.77	12031.49	0.00	24820.57
1183+00	118300.00	50.00	35.56	84.91	0.00	74.23	153.09	0.00	39404.00	12184.59	0.00	24741.71
1183+50	118350.00	50.00	28.48	92.06	0.00	59.30	163.86	0.00	39463.30	12348.45	0.00	24637.14
1184+00	118400.00	50.00	25.27	107.88	0.00	49.77	185.13	0.00	39513.07	12533.58	0.00	24501.78
1184+50	118450.00	50.00	24.43	121.60	0.00	46.02	212.48	0.00	39559.09	12746.06	0.00	24335.32
1185+00	118500.00	50.00	24.25	142.10	0.00	45.07	244.17	0.00	39604.16	12990.23	0.00	24136.23
1185+50	118550.00	50.00	24.96	150.19	0.00	45.56	270.64	0.00	39649.73	13260.86	0.00	23911.15
1186+00	118600.00	50.00	24.97	168.30	0.00	46.23	294.90	0.00	39695.96	13555.76	0.00	23662.49
1186+50	118650.00	50.00	25.42	172.09	0.00	46.66	315.18	0.00	39742.62	13870.94	0.00	23393.97
1187+00	118700.00	50.00	30.43	146.81	0.00	51.71	295.28	0.00	39794.33	14166.22	0.00	23150.40
1187+50	118750.00	50.00	32.52	123.95	0.00	58.29	250.70	0.00	39852.62	14416.92	0.00	22957.99
1188+00	118800.00	50.00	28.45	139.98	0.00	56.45	244.38	0.00	39909.07	14661.30	0.00	22770.06
1188+50	118850.00	50.00	25.88	162.10	0.00	50.31	279.70	0.00	39959.37	14941.00	0.00	22540.66
1189+00	118900.00	50.00	26.60	16.14	0.00	48.59	165.04	0.00	40007.97	15106.04	0.00	22424.22
1189+50	118950.00	50.00	25.65	15.53	0.00	48.38	29.32	0.00	40056.35	15135.36	0.00	22443.27
1190+00	119000.00	50.00	23.37	19.17	0.00	45.39	32.13	0.00	40101.74	15167.49	0.00	22456.53
1190+50	119050.00	50.00	24.92	19.89	0.00	44.71	36.17	0.00	40146.45	15203.66	0.00	22465.08
1191+00	119100.00	50.00	23.72	23.32	0.00	45.04	40.01	0.00	40191.49	15243.67	0.00	22470.11
1191+50	119150.00	50.00	20.98	29.28	0.00	41.39	68.70	0.00	40232.87	15292.37	0.00	22462.79
1192+00	119200.00	50.00	21.39	36.04	0.00	39.23	40.48	0.00	40272.11	15352.85	0.00	22441.54

Addendum No. 04  
 ID 1030-20-87  
 New Sheet 916A  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

Division 1 TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
1192+50	119250.00	50.00	20.96	41.91	0.00	39.21	72.18	0.00	40311.32	15425.03	0.00	22408.58
1193+00	119300.00	50.00	21.17	41.75	0.00	39.01	77.46	0.00	40350.33	15502.49	0.00	22370.12
1193+50	119350.00	50.00	19.86	46.42	0.00	37.99	81.64	0.00	40388.32	15584.13	0.00	22326.48
1194+00	119400.00	50.00	21.88	33.80	0.00	38.65	74.28	0.00	40426.97	15658.41	0.00	22290.85
1194+50	119450.00	50.00	24.10	20.83	0.00	42.57	50.58	0.00	40469.54	15708.99	0.00	22282.84
1195+00	119500.00	50.00	29.79	7.83	0.00	49.90	26.54	0.00	40519.44	15735.53	0.00	22306.20
1195+50	119550.00	50.00	22.71	67.21	0.00	48.61	69.48	0.00	40568.05	15805.01	0.00	22285.33
1195+67 BK	119567.00	17.00	21.25	284.38	0.00	13.84	110.69	0.00	40581.89	15915.70	0.00	22188.48
1196+99 AH	119699.00	0.00	19.32	115.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22188.48
1197+00	119700.00	1.00	17.53	104.78	0.00	0.68	4.08	0.00	0.68	4.08	0.00	22185.08
1197+50	119750.00	50.00	37.06	3.00	0.00	50.55	99.80	0.00	51.23	103.88	0.00	22135.83
1198+00	119800.00	50.00	69.56	0.00	0.00	98.72	2.78	0.00	149.95	106.66	0.00	22231.78
1198+50	119850.00	50.00	85.88	0.01	0.00	143.93	0.01	0.00	293.88	106.67	0.00	22375.69
1199+00	119900.00	50.00	96.79	0.00	0.00	169.14	0.01	0.00	463.02	106.67	0.00	22544.82
1199+50	119950.00	50.00	113.18	0.00	0.00	194.42	0.00	0.00	657.43	106.67	0.00	22739.24
1200+00	120000.00	50.00	132.01	0.00	0.00	227.03	0.00	0.00	884.46	106.67	0.00	22966.27
1200+50	120050.00	50.00	170.10	0.01	0.00	279.73	0.01	0.00	1164.19	106.68	0.00	23245.99
1201+00	120100.00	50.00	230.20	0.00	0.00	370.65	0.01	0.00	1534.84	106.69	0.00	23616.63
1201+50	120150.00	50.00	183.05	0.00	0.00	382.64	0.00	0.00	1917.48	106.69	0.00	23999.27
1202+00	120200.00	50.00	128.35	0.00	0.00	288.33	0.00	0.00	2205.81	106.69	0.00	24287.60
1202+50	120250.00	50.00	114.55	0.00	0.00	224.91	0.00	0.00	2430.72	106.69	0.00	24512.51
1203+00	120300.00	50.00	69.95	1.60	0.00	170.83	1.48	0.00	2601.55	108.17	0.00	24681.86
1203+50	120350.00	50.00	8.63	31.02	0.00	72.76	30.20	0.00	2674.31	138.38	0.00	24724.41
1204+00	120400.00	50.00	30.74	12.98	0.00	36.45	40.74	0.00	2710.77	179.12	0.00	24720.13
1204+50	120450.00	50.00	12.06	14.09	0.00	39.63	25.06	0.00	2750.40	204.18	0.00	24734.69
1205+00	120500.00	50.00	14.83	9.52	0.00	24.90	21.86	0.00	2775.29	226.05	0.00	24737.73
1205+50	120550.00	50.00	13.76	10.09	0.00	26.47	18.16	0.00	2801.77	244.20	0.00	24746.04
1206+00	120600.00	50.00	30.58	7.59	0.00	41.06	16.37	0.00	2842.82	260.57	0.00	24770.73
1206+50	120650.00	50.00	44.74	6.82	0.00	69.74	13.34	0.00	2912.56	273.92	0.00	24827.13
1207+00	120700.00	50.00	43.47	5.77	0.00	81.68	11.66	0.00	2994.24	285.57	0.00	24897.15
1207+50	120750.00	50.00	34.54	9.45	0.00	72.23	14.09	0.00	3066.47	299.67	0.00	24955.29
1208+00	120800.00	50.00	25.85	12.28	0.00	55.92	20.12	0.00	3122.39	319.79	0.00	24991.08
1208+50	120850.00	50.00	26.66	11.86	0.00	48.62	22.35	0.00	3171.01	342.14	0.00	25017.35
1209+00	120900.00	50.00	26.17	11.18	0.00	48.92	21.33	0.00	3219.92	363.47	0.00	25044.93
1209+50	120950.00	50.00	51.03	8.31	0.00	71.48	18.05	0.00	3291.40	381.52	0.00	25098.37
1210+00	121000.00	50.00	149.96	8.37	0.00	186.10	15.44	0.00	3477.51	396.96	0.00	25269.03
1210+50	121050.00	50.00	185.78	4.63	0.00	310.87	12.04	0.00	3788.38	409.00	0.00	25567.86
1211+00	121100.00	50.00	162.33	1.62	0.00	322.32	5.79	0.00	4110.70	414.79	0.00	25884.40
1211+50	121150.00	50.00	169.12	3.02	0.00	306.90	4.30	0.00	4417.60	419.08	0.00	26187.00
1212+00	121200.00	50.00	155.48	6.67	0.00	300.56	8.97	0.00	4718.15	428.05	0.00	26478.58
1212+50	121250.00	50.00	146.40	13.44	0.00	279.52	18.62	0.00	4997.67	446.67	0.00	26739.48

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 917  
July 19, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 1 TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
1213+00	121300.00	50.00	131.41	14.07	0.00	257.23	25.47	0.00	5254.90	472.15	0.00	26971.24
1213+50	121350.00	50.00	203.83	14.39	0.00	310.41	26.35	0.00	5565.31	498.50	0.00	27255.29
1214+00	121400.00	50.00	134.09	11.68	0.00	312.89	24.14	0.00	5878.20	522.64	0.00	27544.04
1214+50	121450.00	50.00	148.32	11.44	0.00	261.49	21.41	0.00	6139.69	544.05	0.00	27784.13
1215+00	121500.00	50.00	168.96	10.11	0.00	293.78	19.95	0.00	6433.47	564.00	0.00	28057.95
1215+50	121550.00	50.00	165.15	11.33	0.00	309.36	19.85	0.00	6742.83	583.85	0.00	28347.46
1216+00	121600.00	50.00	126.76	13.91	0.00	270.29	23.37	0.00	7013.12	607.22	0.00	28594.38
1216+50	121650.00	50.00	128.88	10.72	0.00	236.70	22.81	0.00	7249.82	630.03	0.00	28808.28
1217+00	121700.00	50.00	145.15	9.24	0.00	253.73	18.48	0.00	7503.55	648.51	0.00	29043.53
1217+50	121750.00	50.00	140.19	67.05	0.00	264.20	70.64	0.00	7767.76	719.15	0.00	29237.09
1218+00	121800.00	50.00	139.51	35.71	0.00	258.98	95.15	0.00	8026.74	814.30	0.00	29400.92
1218+50	121850.00	50.00	199.75	0.00	0.00	314.13	33.06	0.00	8340.87	847.36	0.00	29681.99
1219+00	121900.00	50.00	279.60	0.05	0.00	443.84	0.05	0.00	8784.71	847.41	0.00	30125.79
1219+50	121950.00	50.00	339.60	1.32	0.00	573.33	1.27	0.00	9358.04	848.67	0.00	30697.85
1220+00	122000.00	50.00	341.82	0.00	0.00	630.94	1.22	0.00	9988.99	849.90	0.00	31327.57
1220+50	122050.00	50.00	353.04	0.67	0.00	643.39	0.62	0.00	10632.38	850.52	0.00	31970.34
1221+00	122100.00	50.00	356.45	2.03	0.00	656.94	2.50	0.00	11289.31	853.02	0.00	32624.78
1221+15 BK	122115.00	15.00	353.94	1.12	0.00	197.33	0.88	0.00	11486.64	853.89	0.00	32821.23
Column totals			52300.38	19478.15	0.00	52300.38	19478.15	0.00				

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 918  
July 19, 2018

Division 2 IH 94 SB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
131+35 AH	13134.50	0.00	3.84	550.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131+50	13150.00	15.50	3.36	556.32	0.00	2.07	317.77	0.00	2.07	317.77	0.00	-315.70
132+00	13200.00	50.00	0.87	639.80	0.00	3.92	1107.52	0.00	5.98	1425.29	0.00	-1419.31
132+50	13250.00	50.00	0.18	762.55	0.00	0.97	1298.47	0.00	6.96	2723.76	0.00	-2716.81
132+54 BK	13253.60	3.60	0.07	777.69	0.00	0.02	102.68	0.00	6.97	2826.44	0.00	-2819.47
136+40 AH	13640.00	0.00	0.00	608.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2819.47
136+50	13650.00	10.00	0.00	619.68	0.00	0.00	227.53	0.00	0.00	227.53	0.00	-3047.00
137+00	13700.00	50.00	0.00	616.56	0.00	0.00	1144.67	0.00	0.00	1372.20	0.00	-4191.67
137+50	13750.00	50.00	0.00	631.94	0.00	0.00	1156.02	0.00	0.00	2528.22	0.00	-5347.69
138+00	13800.00	50.00	0.00	604.07	0.00	0.00	1144.45	0.00	0.00	3672.67	0.00	-6492.14
138+50	13850.00	50.00	0.00	569.26	0.00	0.00	1086.42	0.00	0.00	4759.09	0.00	-7578.56
139+00	13900.00	50.00	0.00	510.48	0.00	0.00	999.76	0.00	0.00	5758.85	0.00	-8578.32
139+50	13950.00	50.00	0.00	436.40	0.00	0.00	876.74	0.00	0.00	6635.59	0.00	-9455.06
140+00	14000.00	50.00	0.00	332.18	0.00	0.00	711.65	0.00	0.00	7347.24	0.00	-10166.71
140+50	14050.00	50.00	0.00	260.40	0.00	0.00	548.69	0.00	0.00	7895.92	0.00	-10715.39
141+00	14100.00	50.00	0.00	109.08	0.00	0.00	342.11	0.00	0.00	8238.03	0.00	-11057.50
141+50	14150.00	50.00	1.40	110.70	0.00	1.30	203.50	0.00	1.30	8441.53	0.00	-11259.71
142+00	14200.00	50.00	8.24	112.37	0.00	8.93	206.55	0.00	10.22	8648.08	0.00	-11457.33
142+50	14250.00	50.00	22.55	121.81	0.00	28.51	216.83	0.00	38.73	8864.91	0.00	-11645.65
143+00	14300.00	50.00	31.31	123.11	0.00	49.87	226.78	0.00	88.60	9091.69	0.00	-11822.56
143+50	14350.00	50.00	40.49	121.58	0.00	66.48	226.56	0.00	155.08	9318.25	0.00	-11982.64
144+00	14400.00	50.00	42.82	131.00	0.00	77.14	233.87	0.00	232.22	9552.12	0.00	-12139.37
144+50	14450.00	50.00	45.74	103.35	0.00	82.00	216.99	0.00	314.22	9769.11	0.00	-12274.36
145+00	14500.00	50.00	42.34	129.14	0.00	81.56	215.27	0.00	395.78	9984.38	0.00	-12408.08
145+50	14550.00	50.00	35.22	142.31	0.00	71.81	251.34	0.00	467.59	10235.73	0.00	-12587.60
146+00	14600.00	50.00	18.04	65.18	0.00	49.31	192.12	0.00	516.91	10427.85	0.00	-12730.41
146+50	14650.00	50.00	19.84	63.57	0.00	35.07	119.21	0.00	551.98	10547.06	0.00	-12814.55
147+00	14700.00	50.00	20.13	58.12	0.00	37.01	112.68	0.00	588.99	10659.74	0.00	-12890.22
147+50	14750.00	50.00	17.82	56.94	0.00	35.14	106.54	0.00	624.13	10766.27	0.00	-12961.61
148+00	14800.00	50.00	12.57	56.25	0.00	28.14	104.81	0.00	652.27	10871.08	0.00	-13038.28
148+50	14850.00	50.00	6.68	53.86	0.00	17.82	101.95	0.00	670.09	10973.03	0.00	-13122.41
149+00	14900.00	50.00	0.27	51.55	0.00	6.44	97.60	0.00	676.53	11070.63	0.00	-13213.58
149+50	14950.00	50.00	0.00	55.81	0.00	0.25	99.41	0.00	676.78	11170.04	0.00	-13312.73
150+00	15000.00	50.00	0.00	71.65	0.00	0.00	118.02	0.00	676.78	11288.06	0.00	-13430.75
150+50	15050.00	50.00	0.00	82.92	0.00	0.00	143.12	0.00	676.78	11431.18	0.00	-13573.87
151+00	15100.00	50.00	0.00	101.43	0.00	0.00	170.69	0.00	676.78	11601.87	0.00	-13744.57
151+50	15150.00	50.00	0.00	122.58	0.00	0.00	207.42	0.00	676.78	11809.29	0.00	-13951.98
152+00	15200.00	50.00	0.00	154.20	0.00	0.00	256.28	0.00	676.78	12065.57	0.00	-14208.26

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 919  
July 19, 2018

(CONTINUED ON NEXT SHEET)

Division 2 IH 94 SB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
152+50	15250.00	50.00	0.00	429.79	0.00	0.00	540.73	0.00	676.78	12606.30	0.00	-14748.99
153+00	15300.00	50.00	0.00	96.59	0.00	0.00	487.39	0.00	676.78	13093.69	0.00	-15236.38
153+50	15350.00	50.00	0.00	103.53	0.00	0.00	185.30	0.00	676.78	13278.99	0.00	-15421.68
154+00	15400.00	50.00	0.00	114.05	0.00	0.00	201.46	0.00	676.78	13480.45	0.00	-15623.14
154+50	15450.00	50.00	0.00	120.43	0.00	0.00	217.11	0.00	676.78	13697.56	0.00	-15840.25
155+00	15500.00	50.00	0.00	122.39	0.00	0.00	224.83	0.00	676.78	13922.39	0.00	-16065.09
155+50	15550.00	50.00	0.00	116.13	0.00	0.00	220.85	0.00	676.78	14143.24	0.00	-16285.94
156+00	15600.00	50.00	0.00	109.69	0.00	0.00	209.09	0.00	676.78	14352.34	0.00	-16495.03
156+50	15650.00	50.00	0.00	111.20	0.00	0.00	204.53	0.00	676.78	14556.86	0.00	-16699.56
157+00	15700.00	50.00	0.00	105.32	0.00	0.00	200.48	0.00	676.78	14757.35	0.00	-16900.04
157+50	15750.00	50.00	0.00	99.47	0.00	0.00	189.62	0.00	676.78	14946.97	0.00	-17089.66
158+00	15800.00	50.00	0.00	95.82	0.00	0.00	180.82	0.00	676.78	15127.79	0.00	-17270.48
158+50	15850.00	50.00	0.00	86.49	0.00	0.00	168.81	0.00	676.78	15296.60	0.00	-17439.29
159+00	15900.00	50.00	0.00	76.36	0.00	0.00	150.79	0.00	676.78	15447.38	0.00	-17590.08
159+50	15950.00	50.00	0.00	72.78	0.00	0.00	138.09	0.00	676.78	15585.48	0.00	-17728.17
160+00	16000.00	50.00	0.00	56.83	0.00	0.00	120.01	0.00	676.78	15705.49	0.00	-17848.18
160+50	16050.00	50.00	0.00	47.05	0.00	0.00	96.19	0.00	676.78	15801.67	0.00	-17944.36
161+00	16100.00	50.00	0.00	36.95	0.00	0.00	77.78	0.00	676.78	15879.45	0.00	-18022.14
161+50	16150.00	50.00	3.22	27.44	0.00	0.00	59.62	2.98	679.76	15939.07	0.00	-18078.78
162+00	16200.00	50.00	15.06	502.35	0.00	0.00	490.55	16.93	696.69	16429.61	0.00	-18552.40
162+50	16250.00	50.00	22.03	31.29	0.00	0.00	34.34	34.34	731.03	16923.73	0.00	-19012.17
163+00	16300.00	50.00	33.61	26.94	0.00	0.00	53.92	51.52	782.55	16977.64	0.00	-19014.57
163+50	16350.00	50.00	43.94	24.31	0.00	0.00	71.81	47.45	854.35	17025.10	0.00	-18990.22
164+00	16400.00	50.00	64.87	250.89	0.00	0.00	100.75	254.82	955.10	17279.91	0.00	-19144.28
164+50	16450.00	50.00	76.72	13.28	0.00	0.00	131.10	244.60	1086.20	17524.52	0.00	-19257.79
165+00	16500.00	50.00	91.62	11.90	0.00	0.00	155.87	23.31	1242.07	17547.83	0.00	-19125.23
165+50	16550.00	50.00	104.77	7.11	0.00	0.00	181.84	17.60	1423.92	17565.43	0.00	-18960.99
166+00	16600.00	50.00	118.52	11.60	0.00	0.00	206.75	17.32	1630.67	17582.76	0.00	-18771.56
166+50	16650.00	50.00	134.47	10.19	0.00	0.00	234.25	20.18	1864.92	17602.93	0.00	-18557.49
167+00	16700.00	50.00	142.15	10.80	0.00	0.00	256.13	19.44	2121.05	17622.37	0.00	-18320.79
167+50	16750.00	50.00	146.18	14.22	0.00	0.00	266.97	23.17	2388.02	17645.54	0.00	-18076.99
168+00	16800.00	50.00	143.53	9.13	0.00	0.00	268.25	21.62	2656.27	17667.16	0.00	-17830.36
168+50	16850.00	50.00	126.41	18.62	0.00	0.00	249.94	25.69	2906.21	17692.85	0.00	-17606.11
169+00	16900.00	50.00	111.90	20.22	0.00	0.00	220.66	35.96	3126.87	17728.81	0.00	-17421.41
169+50	16950.00	50.00	93.04	30.66	0.00	0.00	189.76	47.11	3316.63	17775.93	0.00	-17278.77
170+00	17000.00	50.00	85.37	51.19	0.00	0.00	165.19	75.79	3481.82	17851.71	0.00	-17189.36
170+50	17050.00	50.00	85.48	56.13	0.00	0.00	158.19	99.37	3640.02	17951.08	0.00	-17130.54
171+00	17100.00	50.00	124.09	70.44	0.00	0.00	194.05	117.19	3834.06	18068.28	0.00	-17053.68
171+50	17150.00	50.00	66.58	85.30	0.00	0.00	176.55	144.20	4010.61	18212.48	0.00	-17021.34
172+00	17200.00	50.00	28.36	100.58	0.00	0.00	87.91	172.11	4098.52	18384.59	0.00	-17105.54

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 920  
July 19, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 2 IH 94 SB		Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
STATION	Cut			Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS		
172+50	12.05	103.23	0.00	37.42	188.71	0.00	4135.94	18573.30	0.00	-14437.37			
173+00	13.43	106.17	0.00	23.59	193.89	0.00	4159.53	18767.19	0.00	-14607.67			
173+50	10.47	116.38	0.00	22.13	206.06	0.00	4181.66	18973.26	0.00	-14791.60			
174+00	0.01	143.61	0.00	9.70	240.73	0.00	4191.36	19213.99	0.00	-15022.63			
174+50	0.00	172.80	0.00	0.01	292.97	0.00	4191.37	19506.96	0.00	-15315.59			
175+00	0.00	211.56	0.00	0.00	355.89	0.00	4191.37	19862.85	0.00	-15671.48			
175+50	0.00	258.99	0.00	0.00	435.69	0.00	4191.37	20298.55	0.00	-16107.18			
176+00	0.00	310.71	0.00	0.00	527.50	0.00	4191.37	20826.05	0.00	-16634.68			
176+50	0.00	355.64	0.00	0.00	616.99	0.00	4191.37	21443.04	0.00	-17251.67			
177+00	0.00	392.07	0.00	0.00	692.32	0.00	4191.37	22135.36	0.00	-17943.99			
177+50	0.00	424.44	0.00	0.00	756.03	0.00	4191.37	22891.39	0.00	-18700.02			
178+00	0.00	473.41	0.00	0.00	831.34	0.00	4191.37	23722.73	0.00	-19531.36			
178+50	0.00	520.93	0.00	0.00	920.69	0.00	4191.37	24643.42	0.00	-20452.05			
179+00	0.00	562.98	0.00	0.00	1003.62	0.00	4191.37	25647.04	0.00	-21455.67			
179+50	0.00	640.04	0.00	0.00	1113.91	0.00	4191.37	26760.94	0.00	-22569.57			
180+00	0.00	670.55	0.00	0.00	1213.51	0.00	4191.37	27974.45	0.00	-23783.08			
180+50	0.00	691.68	0.00	0.00	1261.32	0.00	4191.37	29235.78	0.00	-25044.41			
181+00	0.00	712.12	0.00	0.00	1299.81	0.00	4191.37	30535.59	0.00	-26344.22			
181+50	0.00	716.21	0.00	0.00	1322.53	0.00	4191.37	31888.12	0.00	-27666.75			
182+00	0.00	728.51	0.00	0.00	1337.70	0.00	4191.37	33195.82	0.00	-29004.45			
182+50	721.82	1039.62	0.00	668.35	1637.16	0.00	4859.72	34832.98	0.00	-29973.26			
183+00	633.13	1096.75	0.00	1254.58	1978.12	0.00	6114.31	36811.10	0.00	-30696.80			
183+50	592.48	1159.17	0.00	1134.82	2088.81	0.00	7249.13	38899.92	0.00	-31650.79			
184+00	553.09	1223.56	0.00	1060.71	2206.23	0.00	8309.84	41106.15	0.00	-32796.30			
184+50	524.29	1266.09	0.00	997.57	2305.23	0.00	9307.42	43411.38	0.00	-34103.96			
185+00	507.37	1314.88	0.00	955.24	2389.79	0.00	10262.66	45801.17	0.00	-35538.51			
185+50	529.57	1349.20	0.00	960.13	2466.74	0.00	11222.79	48267.91	0.00	-37045.12			
186+00	504.77	1404.56	0.00	957.72	2549.78	0.00	12180.51	50817.68	0.00	-38637.18			
186+50	529.76	1426.02	0.00	957.90	2620.91	0.00	13138.41	53438.59	0.00	-40300.18			
187+00	528.03	1457.88	0.00	979.44	2670.28	0.00	14117.84	56108.87	0.00	-41991.03			
187+50	511.10	1514.15	0.00	962.16	2751.88	0.00	15080.00	58860.75	0.00	-43780.75			
188+00	452.89	1583.89	0.00	892.58	2868.56	0.00	15972.58	61729.30	0.00	-45756.72			
188+50	330.09	1650.32	0.00	724.98	2994.64	0.00	16697.56	64723.94	0.00	-48026.38			
189+00	282.52	1582.72	0.00	567.23	2993.56	0.00	17264.80	67717.50	0.00	-50452.70			
189+50	232.99	1593.37	0.00	477.32	2940.82	0.00	17742.12	70658.32	0.00	-52916.20			
190+00	193.44	1591.76	0.00	394.84	2949.19	0.00	18136.96	73607.52	0.00	-55470.55			
190+50	169.51	1566.02	0.00	336.06	2923.87	0.00	18473.03	76531.39	0.00	-58058.36			
191+00	0.00	975.86	0.00	156.95	2353.59	0.00	18629.98	78884.98	0.00	-60255.00			
191+50	0.00	864.89	0.00	0.00	1704.40	0.00	18629.98	80589.38	0.00	-61959.40			
192+00	0.00	707.82	0.00	0.00	1456.21	0.00	18629.98	82045.59	0.00	-63415.61			

Addendum No. 04  
 ID 1030-20-87  
 New Sheet 920A  
 July 19, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 2 IH 94 SB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
192+50	19250.00	50.00	0.00	671.23	0.00	0.00	1276.90	0.00	18629.98	83322.49	0.00	-67511.98
193+00	19300.00	50.00	0.00	567.44	0.00	0.00	1146.92	0.00	18629.98	84469.41	0.00	-68658.90
193+50	19350.00	50.00	3.26	480.98	0.00	3.02	970.76	0.00	18633.00	85440.17	0.00	-69626.64
194+00	19400.00	50.00	10.92	402.15	0.00	13.13	817.71	0.00	18646.13	86257.88	0.00	-70431.22
194+07 BK	19406.80	6.80	12.08	188.52	0.00	2.90	74.38	0.00	18649.03	86332.26	0.00	-70502.70
196+19 AH	19618.50	0.00	226.12	510.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-70502.70
196+50	19650.00	31.50	259.03	461.76	0.00	283.00	566.97	0.00	283.00	566.97	0.00	-70786.67
197+00	19700.00	50.00	295.61	384.55	0.00	513.56	783.62	0.00	796.56	1350.59	0.00	-71056.73
197+50	19750.00	50.00	341.84	324.86	0.00	590.23	656.86	0.00	1386.79	2007.45	0.00	-71123.36
198+00	19800.00	50.00	362.16	268.12	0.00	651.85	549.06	0.00	2038.64	2556.50	0.00	-71020.56
198+50	19850.00	50.00	367.52	227.21	0.00	675.63	458.64	0.00	2714.27	3015.14	0.00	-70803.57
199+00	19900.00	50.00	340.24	183.39	0.00	655.33	380.19	0.00	3369.61	3395.33	0.00	-70528.42
199+50	19950.00	50.00	296.56	182.82	0.00	589.63	339.08	0.00	3959.24	3734.41	0.00	-70277.88
200+00	20000.00	50.00	234.18	191.75	0.00	491.43	346.82	0.00	4450.66	4081.23	0.00	-70133.28
200+50	20050.00	50.00	196.50	328.28	0.00	398.78	481.51	0.00	4849.44	4562.74	0.00	-70216.01
201+00	20100.00	50.00	177.11	342.88	0.00	345.94	621.44	0.00	5195.37	5184.19	0.00	-70491.52
201+50	20150.00	50.00	178.95	257.02	0.00	329.69	555.46	0.00	5525.06	5739.65	0.00	-70717.30
202+00	20200.00	50.00	192.92	143.52	0.00	344.32	370.87	0.00	5869.38	6110.52	0.00	-70743.84
202+50	20250.00	50.00	201.65	93.87	0.00	365.34	219.81	0.00	6234.73	6330.33	0.00	-70598.30
203+00	20300.00	50.00	197.72	64.70	0.00	369.79	146.82	0.00	6604.51	6477.15	0.00	-70375.34
203+50	20350.00	50.00	177.72	49.11	0.00	347.63	105.38	0.00	6952.14	6582.53	0.00	-70133.09
204+00	20400.00	50.00	149.94	26.65	0.00	303.39	70.15	0.00	7255.53	6652.68	0.00	-69899.85
204+50	20450.00	50.00	140.44	11.36	0.00	268.87	35.19	0.00	7524.40	6687.87	0.00	-69666.17
205+00	20500.00	50.00	155.24	20.61	0.00	273.78	29.60	0.00	7798.18	6717.47	0.00	-69422.00
205+50	20550.00	50.00	168.28	13.65	0.00	299.56	31.72	0.00	8097.74	6749.20	0.00	-69154.17
206+00	20600.00	50.00	195.12	16.25	0.00	336.48	27.69	0.00	8434.22	6776.88	0.00	-68845.37
206+50	20650.00	50.00	198.00	16.19	0.00	364.00	30.04	0.00	8798.22	6806.92	0.00	-68511.41
207+00	20700.00	50.00	205.14	18.93	0.00	373.28	32.52	0.00	9171.49	6839.44	0.00	-68170.65
207+50	20750.00	50.00	217.56	17.99	0.00	391.39	34.19	0.00	9562.88	6873.62	0.00	-67813.44
208+00	20800.00	50.00	223.42	16.23	0.00	408.31	31.69	0.00	9971.20	6905.31	0.00	-67436.81
208+50	20850.00	50.00	207.85	18.82	0.00	399.32	32.45	0.00	10370.52	6937.76	0.00	-67069.94
209+00	20900.00	50.00	182.78	20.52	0.00	361.69	36.43	0.00	10732.22	6974.19	0.00	-66744.67
209+50	20950.00	50.00	157.80	22.29	0.00	315.35	39.64	0.00	11047.57	7013.83	0.00	-66468.96
210+00	21000.00	50.00	103.20	112.69	0.00	241.67	124.98	0.00	11289.24	7138.81	0.00	-66352.28
210+50	21050.00	50.00	99.87	143.63	0.00	188.03	237.33	0.00	11477.26	7376.14	0.00	-66401.58
211+00	21100.00	50.00	101.90	156.36	0.00	186.82	277.77	0.00	11664.09	7653.91	0.00	-66492.53
211+50	21150.00	50.00	148.45	120.20	0.00	231.81	256.07	0.00	11895.89	7909.98	0.00	-66516.80
212+00	21200.00	50.00	210.89	108.48	0.00	332.72	211.74	0.00	12228.62	8121.72	0.00	-66395.81

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 921  
July 19, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED) Division 2 IH 94 SB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
212+50	21250.00	50.00	255.99	22.88	0.00	432.30	121.63	0.00	12660.91	8243.35	0.00	-66085.15
213+00	21300.00	50.00	288.30	24.36	0.00	503.97	43.74	0.00	13164.88	8287.09	0.00	-65624.92
213+50	21350.00	50.00	302.33	22.21	0.00	546.88	43.12	0.00	13711.76	8330.22	0.00	-65121.16
214+00	21400.00	50.00	309.88	21.26	0.00	566.86	40.25	0.00	14278.62	8370.47	0.00	-64594.55
214+50	21450.00	50.00	308.47	24.78	0.00	572.55	42.63	0.00	14851.17	8413.09	0.00	-64064.63
215+00	21500.00	50.00	339.12	22.88	0.00	599.62	44.13	0.00	15450.79	8457.22	0.00	-63509.14
215+50	21550.00	50.00	362.55	22.02	0.00	649.69	41.57	0.00	16100.49	8498.80	0.00	-62901.02
216+00	21600.00	50.00	399.54	22.49	0.00	705.64	41.21	0.00	16806.12	8540.01	0.00	-62236.59
216+50	21650.00	50.00	418.30	22.40	0.00	757.26	41.56	0.00	17563.38	8581.58	0.00	-61520.90
217+00	21700.00	50.00	437.74	19.62	0.00	792.63	38.91	0.00	18356.01	8620.48	0.00	-60767.17
217+50	21750.00	50.00	453.83	14.34	0.00	825.53	31.44	0.00	19181.54	8651.93	0.00	-59973.09
218+00	21800.00	50.00	445.83	10.15	0.00	833.02	22.68	0.00	20014.56	8674.60	0.00	-59162.75
218+50	21850.00	50.00	437.59	7.57	0.00	817.98	16.41	0.00	20832.54	8691.01	0.00	-58361.17
219+00	21900.00	50.00	443.63	6.42	0.00	815.94	12.95	0.00	21648.49	8703.97	0.00	-57558.18
219+50	21950.00	50.00	467.50	5.52	0.00	843.64	11.06	0.00	22492.12	8715.02	0.00	-56725.60
220+00 BK	22000.00	50.00	478.87	6.83	0.00	876.27	11.44	0.00	23368.39	8726.46	0.00	-55860.77
			Column totals			42024.39	97885.16	0.00				

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 922  
July 19, 2018



Division 2 IH 94 NB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
146+00 AH	146000.00	0.00	245.97	458.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146+50	146500.00	50.00	174.89	485.80	0.00	389.69	874.26	389.69	874.26	0.00	0.00	-484.57
147+00	147000.00	50.00	104.35	513.74	0.00	193.24	951.37	582.93	1825.63	0.00	0.00	-1177.39
147+50	147500.00	50.00	53.70	552.44	0.00	146.34	987.20	729.27	2812.83	0.00	0.00	-2018.25
148+00	148000.00	50.00	4.70	584.02	0.00	54.07	1052.28	783.34	3865.11	0.00	0.00	-3016.45
148+50	148500.00	50.00	1.92	599.44	0.00	6.13	1095.80	789.47	4960.91	0.00	0.00	-4106.12
149+00	149000.00	50.00	1.97	601.46	0.00	3.60	1111.94	793.07	6072.85	0.00	0.00	-5214.46
149+50	149500.00	50.00	0.00	320.41	0.00	1.82	853.58	794.90	6926.44	0.00	0.00	-6066.22
150+00	150000.00	50.00	0.00	354.62	0.00	0.00	625.03	794.90	7551.46	0.00	0.00	-6691.25
150+50	150500.00	50.00	0.00	399.84	0.00	0.00	698.57	794.90	8250.04	0.00	0.00	-7389.82
151+00	151000.00	50.00	0.00	409.20	0.00	0.00	749.11	794.90	8999.15	0.00	0.00	-8138.94
151+50	151500.00	50.00	0.00	378.92	0.00	0.00	729.74	794.90	9728.89	0.00	0.00	-8868.68
152+00	152000.00	50.00	0.00	276.57	0.00	0.00	606.94	794.90	10335.82	0.00	0.00	-9475.61
152+50	152500.00	50.00	15.83	168.46	0.00	14.66	412.06	809.56	10747.89	0.00	0.00	-9873.02
153+00	153000.00	50.00	112.98	102.82	0.00	119.27	251.19	928.82	10999.07	0.00	0.00	-10004.94
153+50	153500.00	50.00	237.62	75.77	0.00	324.63	165.36	1253.45	11164.44	0.00	0.00	-9845.67
154+00	154000.00	50.00	483.84	53.74	0.00	668.02	119.92	1921.47	11284.35	0.00	0.00	-9297.56
154+50	154500.00	50.00	661.77	36.58	0.00	1060.75	83.63	2982.22	11367.98	0.00	0.00	-8320.44
155+00	155000.00	50.00	861.16	27.64	0.00	1410.12	59.46	4392.34	11427.44	0.00	0.00	-6969.79
155+50	155500.00	50.00	979.27	23.03	0.00	1704.10	46.92	6096.44	11474.36	0.00	0.00	-5312.60
156+00	156000.00	50.00	1064.83	20.45	0.00	1892.69	40.26	7989.13	11514.62	0.00	0.00	-3460.18
156+50	156500.00	50.00	1111.31	16.84	0.00	2014.94	34.53	10004.07	11549.15	0.00	0.00	-1479.76
157+00	157000.00	50.00	1068.02	14.78	0.00	2017.90	29.28	12021.97	11578.43	0.00	0.00	508.86
157+50	157500.00	50.00	1125.69	12.12	0.00	2031.21	24.91	14053.19	11603.33	0.00	0.00	2515.17
158+00	158000.00	50.00	1148.40	12.78	0.00	2105.64	23.06	16158.82	11626.39	0.00	0.00	4597.75
158+50	158500.00	50.00	1300.99	9.92	0.00	2267.95	21.02	18426.78	11647.41	0.00	0.00	6844.69
159+00	159000.00	50.00	1392.56	8.61	0.00	2494.03	17.16	20920.81	11664.56	0.00	0.00	9321.56
159+50	159500.00	50.00	1642.87	7.93	0.00	2810.58	15.31	23731.39	11679.88	0.00	0.00	12116.82
160+00	160000.00	50.00	1615.19	8.34	0.00	3016.72	15.06	26748.11	11694.94	0.00	0.00	15118.48
160+50	160500.00	50.00	1377.12	7.94	0.00	2770.66	15.07	29518.77	11710.02	0.00	0.00	17874.06
161+00	161000.00	50.00	1516.44	7.08	0.00	2679.22	13.91	32197.99	11723.93	0.00	0.00	20539.38
161+50	161500.00	50.00	1762.09	6.98	0.00	3035.68	13.02	35233.67	11736.94	0.00	0.00	23562.04
162+00	162000.00	50.00	2050.10	6.80	0.00	3529.81	12.76	38763.47	11749.70	0.00	0.00	27079.08
162+50	162500.00	50.00	2090.66	6.01	0.00	3834.04	11.86	42597.51	11761.56	0.00	0.00	30901.26
163+00	163000.00	50.00	2121.31	4.97	0.00	3899.97	10.17	46497.48	11771.73	0.00	0.00	34791.06
163+50	163500.00	50.00	1432.53	4.87	0.00	3290.59	9.11	49788.07	11780.84	0.00	0.00	38072.55
164+00	164000.00	50.00	1666.59	4.22	0.00	2684.37	8.42	52472.44	11789.26	0.00	0.00	40748.50
164+50	164500.00	50.00	1510.79	4.04	0.00	2756.83	7.65	55229.28	11796.91	0.00	0.00	43497.69
165+00	165000.00	50.00	1590.76	3.56	0.00	2871.81	7.04	58101.08	11803.94	0.00	0.00	46362.45
165+50	165500.00	50.00	1689.83	3.62	0.00	3037.58	6.65	61138.67	11810.59	0.00	0.00	49393.39
166+00	166000.00	50.00	2289.16	47.87	0.00	3684.25	47.68	64822.92	11858.27	0.00	0.00	53029.96
166+50	166500.00	50.00	1616.76	3.05	0.00	3616.59	47.15	68439.51	11905.42	0.00	0.00	56599.41

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 923  
July 19, 2018

(CONTINUED ON NEXT SHEET)

Division 2 IH 94 NB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
167+00	16700.00	50.00	1034.22	2.71	0.00	2454.61	5.33	0.00	70894.12	11910.75	0.00	59048.69
167+50	16750.00	50.00	1076.99	2.47	0.00	1954.82	4.80	0.00	72848.94	11915.55	0.00	60998.71
168+00	16800.00	50.00	1017.63	2.55	0.00	1939.46	4.65	0.00	74788.41	11920.19	0.00	62933.53
168+50	16850.00	50.00	982.67	2.96	0.00	1852.13	5.10	0.00	76640.54	11925.30	0.00	64780.56
169+00	16900.00	50.00	968.17	3.46	0.00	1806.33	5.94	0.00	78446.87	11931.24	0.00	66580.94
169+50	16950.00	50.00	932.65	4.03	0.00	1760.02	6.94	0.00	80206.89	11938.18	0.00	68334.03
170+00	17000.00	50.00	990.39	3.92	0.00	1800.59	7.36	0.00	81987.48	11945.54	0.00	70107.26
170+50	17050.00	50.00	1054.74	4.08	0.00	1893.64	7.41	0.00	83881.12	11952.94	0.00	71993.49
171+00	17100.00	50.00	1061.26	5.32	0.00	1959.26	8.70	0.00	85840.38	11961.65	0.00	73944.05
171+50	17150.00	50.00	1014.83	8.03	0.00	1922.31	12.36	0.00	87762.69	11974.01	0.00	75853.99
172+00	17200.00	50.00	912.74	12.53	0.00	1784.79	19.04	0.00	89547.47	11993.05	0.00	77619.74
172+50	17250.00	50.00	805.78	15.53	0.00	1591.22	25.98	0.00	91138.69	12019.03	0.00	79184.98
173+00	17300.00	50.00	711.01	23.70	0.00	1404.44	36.32	0.00	92543.13	12055.35	0.00	80553.09
173+50	17350.00	50.00	613.59	35.50	0.00	1226.48	54.81	0.00	93769.61	12110.17	0.00	81724.76
174+00	17400.00	50.00	506.27	48.14	0.00	1036.91	77.44	0.00	94806.52	12187.61	0.00	82684.22
174+50	17450.00	50.00	383.90	68.63	0.00	824.23	108.12	0.00	95630.75	12295.73	0.00	83400.33
175+00	17500.00	50.00	282.55	96.75	0.00	617.08	153.13	0.00	96247.83	12448.86	0.00	83864.29
175+50	17550.00	50.00	221.73	111.96	0.00	466.93	193.25	0.00	96714.76	12642.11	0.00	84137.96
176+00	17600.00	50.00	154.25	134.27	0.00	348.13	227.99	0.00	97062.89	12870.10	0.00	84258.10
176+50	17650.00	50.00	58.28	163.40	0.00	196.79	275.62	0.00	97259.68	13145.72	0.00	84179.27
177+00	17700.00	50.00	5.45	206.63	0.00	59.01	342.62	0.00	97318.69	13488.34	0.00	83895.66
177+50	17750.00	50.00	0.42	246.19	0.00	5.44	419.28	0.00	97324.12	13907.62	0.00	83481.81
178+00	17800.00	50.00	0.19	288.12	0.00	0.56	494.73	0.00	97324.69	14402.35	0.00	82987.65
178+50	17850.00	50.00	0.00	335.88	0.00	0.18	577.78	0.00	97324.86	14980.13	0.00	82410.05
179+00	17900.00	50.00	0.00	358.46	0.00	0.00	642.91	0.00	97324.86	15623.04	0.00	81767.14
179+50	17950.00	50.00	0.00	392.41	0.00	0.00	695.25	0.00	97324.86	16318.29	0.00	81071.89
180+00	18000.00	50.00	169.19	482.71	0.00	156.66	810.30	0.00	97481.52	17128.58	0.00	80418.25
180+50	18050.00	50.00	104.97	537.13	0.00	253.85	944.30	0.00	97735.37	18072.88	0.00	79727.81
181+00	18100.00	50.00	53.11	611.85	0.00	146.37	1063.87	0.00	97881.74	19136.75	0.00	78810.31
181+50	18150.00	50.00	16.72	692.64	0.00	64.66	1207.86	0.00	97946.40	20344.61	0.00	77667.10
182+00	18200.00	50.00	57.08	791.42	0.00	68.33	1374.13	0.00	98014.73	21718.74	0.00	76361.31
182+50	18250.00	50.00	0.00	902.88	0.00	52.85	1568.80	0.00	98067.58	23287.54	0.00	74845.36
183+00	18300.00	50.00	0.00	986.02	0.00	0.00	1748.98	0.00	98067.58	25036.52	0.00	73096.38
183+50	18350.00	50.00	0.00	1102.50	0.00	0.00	1933.81	0.00	98067.58	26970.33	0.00	71162.56
184+00	18400.00	50.00	0.00	1155.63	0.00	0.00	2090.86	0.00	98067.58	29061.19	0.00	69071.70
184+50	18450.00	50.00	0.00	1183.73	0.00	0.00	2166.07	0.00	98067.58	31227.27	0.00	66905.63
185+00	18500.00	50.00	0.00	1194.05	0.00	0.00	2201.65	0.00	98067.58	33428.92	0.00	64703.98
185+50	18550.00	50.00	0.00	1217.51	0.00	0.00	2232.93	0.00	98067.58	35661.84	0.00	62471.06
186+00	18600.00	50.00	0.00	1270.85	0.00	0.00	2304.04	0.00	98067.58	37965.88	0.00	60167.02
186+50	18650.00	50.00	0.00	1254.84	0.00	0.00	2338.60	0.00	98067.58	40304.48	0.00	57828.42

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 924  
July 19, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 2 IH 94 NB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
187+00	18700.00	50.00	0.00	1216.39	0.00	0.00	2288.18	0.00	98067.58	42592.66	0.00	55540.24
187+50	18750.00	50.00	0.00	1192.14	0.00	0.00	2230.12	0.00	98067.58	44822.78	0.00	53310.12
188+00	18800.00	50.00	0.00	1177.11	0.00	0.00	2193.75	0.00	98067.58	47016.53	0.00	51116.37
188+50	18850.00	50.00	0.00	1203.85	0.00	0.00	2204.59	0.00	98067.58	49221.12	0.00	48911.78
189+00	18900.00	50.00	0.00	1163.57	0.00	0.00	2192.06	0.00	98067.58	51413.18	0.00	46719.72
189+50	18950.00	50.00	0.00	1090.38	0.00	0.00	2086.99	0.00	98067.58	53500.17	0.00	44632.73
190+00	19000.00	50.00	0.00	992.11	0.00	0.00	1928.23	0.00	98067.58	55428.40	0.00	42704.50
190+50	19050.00	50.00	0.00	891.10	0.00	0.00	1743.71	0.00	98067.58	57172.11	0.00	40960.79
191+00 BK	19100.00	50.00	0.00	785.11	0.00	0.00	1552.05	0.00	98067.58	58724.16	0.00	39408.74
			Column totals				98067.58	58724.16	0.00			

Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 925  
 July 19, 2018

Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 926  
 July 19, 2018

Division 2 Ramp EC

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
145+64 AH	14564.20	0.00	14.49	72.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146+00	14600.00	35.80	13.61	72.86	0.00	18.63	96.57	0.00	18.63	96.57	0.00	-77.94
146+50	14650.00	50.00	12.15	82.14	0.00	23.85	143.52	0.00	42.48	240.09	0.00	-197.60
147+00	14700.00	50.00	8.72	107.12	0.00	19.32	175.24	0.00	61.81	415.33	0.00	-353.52
147+50	14750.00	50.00	5.94	140.23	0.00	13.57	229.03	0.00	75.38	644.35	0.00	-568.97
148+00	14800.00	50.00	3.15	183.78	0.00	8.42	300.01	0.00	83.80	944.36	0.00	-860.57
148+50	14850.00	50.00	114.06	200.16	0.00	108.53	355.50	0.00	192.32	1299.86	0.00	-1107.54
149+00	14900.00	50.00	120.01	237.06	0.00	216.73	404.83	0.00	409.06	1704.70	0.00	-1295.64
149+50	14950.00	50.00	105.21	277.58	0.00	208.54	476.51	0.00	617.59	2181.21	0.00	-1563.62
150+00	15000.00	50.00	124.03	301.23	0.00	212.26	535.93	0.00	829.85	2717.14	0.00	-1887.29
150+50	15050.00	50.00	179.69	302.56	0.00	281.22	559.06	0.00	1111.07	3276.21	0.00	-2165.13
151+00	15100.00	50.00	223.85	361.64	0.00	373.65	615.00	0.00	1484.72	3891.21	0.00	-2406.48
151+50	15150.00	50.00	215.33	367.59	0.00	406.65	675.21	0.00	1891.37	4566.42	0.00	-2675.05
152+00	15200.00	50.00	208.95	367.56	0.00	392.85	680.69	0.00	2284.22	5247.11	0.00	-2962.89
152+50	15250.00	50.00	195.84	380.26	0.00	374.81	692.43	0.00	2659.03	5939.54	0.00	-3280.51
153+00	15300.00	50.00	193.53	396.02	0.00	360.53	718.78	0.00	3019.56	6658.32	0.00	-3638.76
153+50	15350.00	50.00	183.47	385.84	0.00	349.07	723.94	0.00	3368.63	7382.26	0.00	-4013.63
154+00	15400.00	50.00	170.96	430.17	0.00	328.18	755.56	0.00	3696.81	8137.83	0.00	-4441.02
154+50	15450.00	50.00	80.03	507.14	0.00	232.40	867.88	0.00	3929.20	9005.71	0.00	-5076.50
155+00	15500.00	50.00	82.31	611.70	0.00	150.31	1035.96	0.00	4079.52	10041.67	0.00	-5962.15
155+50	15550.00	50.00	88.74	744.72	0.00	158.38	1255.94	0.00	4237.90	11297.61	0.00	-7059.72
156+00	15600.00	50.00	76.54	961.89	0.00	153.04	1580.19	0.00	4390.93	12877.81	0.00	-8486.87
156+50	15650.00	50.00	23.48	1125.84	0.00	92.61	1933.08	0.00	4483.55	14810.89	0.00	-10327.35
157+00	15700.00	50.00	52.58	1297.51	0.00	70.43	2243.84	0.00	4553.97	17054.73	0.00	-12500.76
157+50	15750.00	50.00	120.99	1447.75	0.00	160.71	2541.91	0.00	4714.68	19596.64	0.00	-14881.96
158+00	15800.00	50.00	202.88	1649.30	0.00	299.88	2867.64	0.00	5014.56	22464.28	0.00	-17449.72
158+50	15850.00	50.00	97.58	1832.65	0.00	278.20	3224.03	0.00	5292.77	25688.31	0.00	-20395.54
159+00	15900.00	50.00	0.00	2102.53	0.00	90.35	3643.69	0.00	5383.12	29331.99	0.00	-23948.87
159+50	15950.00	50.00	0.00	2491.00	0.00	0.00	4253.27	0.00	5383.12	33585.26	0.00	-28202.14
160+00 BK	16000.00	50.00	0.00	1441.71	0.00	0.00	3641.40	0.00	5383.12	37226.66	0.00	-31843.54
			Column totals			5383.12	37226.66	0.00				

Division 2 Ramp ED

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
172+00 AH	17200.00	0.00	3647.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6417.70
172+50	17250.00	50.00	3283.59	0.00	0.00	6417.70	0.00	0.00	6417.70	0.00	0.00	12180.63
173+00	17300.00	50.00	2940.37	0.00	0.00	5762.93	0.00	0.00	12180.63	0.00	0.00	17284.69
173+50	17350.00	50.00	2572.01	0.00	0.00	5104.06	0.00	0.00	17284.69	0.00	0.00	21776.69
174+00	17400.00	50.00	2279.36	0.00	0.00	4492.01	0.00	0.00	21776.69	0.00	0.00	25713.04
174+50	17450.00	50.00	1981.44	9.55	0.00	3945.19	8.84	0.00	25713.04	8.84	0.00	29102.38
175+00	17500.00	50.00	1707.35	18.75	0.00	3415.55	26.20	0.00	29137.43	35.05	0.00	31955.16
175+50	17550.00	50.00	1428.25	35.85	0.00	2903.33	50.56	0.00	32040.76	85.60	0.00	34300.43
176+00	17600.00	50.00	1204.48	63.99	0.00	2437.71	92.44	0.00	34478.47	178.05	0.00	36256.73
176+50	17650.00	50.00	1045.53	73.21	0.00	2083.34	127.04	0.00	36561.81	305.08	0.00	37929.49
177+00	17700.00	50.00	907.40	73.14	0.00	1808.27	135.51	0.00	38370.08	440.59	0.00	39133.80
177+50	17750.00	50.00	535.88	69.49	0.00	1336.37	132.06	0.00	39706.45	572.66	0.00	40578.87
178+00	17800.00	50.00	1146.56	52.27	0.00	1557.81	112.74	0.00	41264.27	685.40	0.00	42587.14
178+50	17850.00	50.00	1127.59	52.95	0.00	2105.69	97.43	0.00	43369.96	782.82	0.00	44557.64
179+00	17900.00	50.00	1126.12	72.62	0.00	2086.77	116.27	0.00	45456.73	899.09	0.00	46523.22
179+50	17950.00	50.00	1103.59	34.26	0.00	2064.55	98.96	0.00	47521.28	998.06	0.00	48389.25
180+00	18000.00	50.00	1011.95	65.97	0.00	1958.83	92.81	0.00	49480.11	1090.86	0.00	50045.45
180+50	18050.00	50.00	940.72	98.00	0.00	1808.03	151.82	0.00	51288.14	1242.69	0.00	51493.33
181+00	18100.00	50.00	865.07	144.08	0.00	1672.03	224.15	0.00	52960.17	1466.83	0.00	52748.26
181+50	18150.00	50.00	823.97	189.64	0.00	1563.93	309.00	0.00	54524.09	1775.83	0.00	53842.93
182+00	18200.00	50.00	781.99	234.08	0.00	1487.00	392.33	0.00	56011.09	2168.17	0.00	54483.50
182+33 BK	18232.90	32.90	770.27	266.78	0.00	945.73	305.15	0.00	56956.82	2473.32	0.00	
					Column totals			56956.82	2473.32	0.00		

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 927  
July 19, 2018

Addendum No. 04  
 ID 1030-20-87  
 Revised Sheet 928  
 July 19, 2018

Division 2 ELM

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
28+50 AH	2850.00	0.00	0.00	2264.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29+00	2900.00	50.00	0.00	2514.33	0.00	0.00	0.00	4425.00	0.00	0.00	4425.00	-4425.00
29+50	2950.00	50.00	0.00	2715.68	0.00	0.00	0.00	4842.60	0.00	0.00	9267.60	-9267.60
30+00	3000.00	50.00	0.00	3205.34	0.00	0.00	0.00	5482.43	0.00	0.00	14750.03	-14750.03
30+02 BK	3002.25	2.25	0.00	3233.58	0.00	0.00	0.00	268.29	0.00	0.00	15018.32	-15018.32
Column totals			0.00	15018.32	0.00	0.00	0.00	15018.32	0.00	0.00		

(CONTINUED ON NEXT SHEET)

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 932  
July 19, 2018

Division 4 IH 94 NB				AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
STATION	Real Station	Distance	Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	Mass Ordinate	
131+35 AH	13134.50	0.00	43.48	66.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
131+50	13150.00	15.50	45.79	49.39	0.00	25.62	33.25	0.00	25.62	33.25	0.00	-7.63	
132+00	13200.00	50.00	38.05	37.23	0.00	77.63	80.20	0.00	103.25	113.46	0.00	-10.20	
132+50	13250.00	50.00	76.17	15.12	0.00	105.76	48.47	0.00	209.01	161.93	0.00	47.08	
132+54 BK	13253.60	3.60	33.23	17.61	0.00	7.29	2.18	0.00	216.31	164.11	0.00	52.19	
136+40 AH	13640.00	0.00	22.61	131.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.19	
136+50	13650.00	10.00	24.02	134.53	0.00	8.64	49.21	0.00	8.64	49.21	0.00	11.62	
137+00	13700.00	50.00	27.96	147.89	0.00	48.13	261.50	0.00	56.76	310.70	0.00	-201.74	
137+50	13750.00	50.00	34.13	171.84	0.00	57.49	296.04	0.00	114.26	606.75	0.00	-440.29	
138+00	13800.00	50.00	42.74	190.76	0.00	71.18	335.73	0.00	185.43	942.48	0.00	-704.85	
138+50	13850.00	50.00	48.83	213.16	0.00	84.79	373.99	0.00	270.22	1316.47	0.00	-994.05	
139+00	13900.00	50.00	57.52	225.25	0.00	98.47	405.93	0.00	368.69	1722.40	0.00	-1301.51	
139+50	13950.00	50.00	72.85	218.54	0.00	120.71	410.92	0.00	489.40	2133.31	0.00	-1591.72	
140+00	14000.00	50.00	91.89	209.06	0.00	152.54	395.93	0.00	641.94	2529.24	0.00	-1835.11	
140+50	14050.00	50.00	134.06	213.49	0.00	209.21	391.25	0.00	851.15	2920.49	0.00	-2017.14	
141+00	14100.00	50.00	209.50	19.19	0.00	318.11	215.44	0.00	1169.26	3135.94	0.00	-1914.48	
141+50	14150.00	50.00	194.42	296.13	0.00	374.00	291.96	0.00	1543.26	3427.90	0.00	-1832.44	
142+00	14200.00	50.00	225.33	343.05	0.00	388.66	591.83	0.00	1931.92	4019.73	0.00	-2035.61	
142+50	14250.00	50.00	626.42	349.18	0.00	788.66	640.95	0.00	2720.58	4660.69	0.00	-1887.91	
143+00	14300.00	50.00	514.10	316.30	0.00	1056.04	616.19	0.00	3776.62	5276.87	0.00	-1448.06	
143+50	14350.00	50.00	487.04	330.63	0.00	926.98	599.01	0.00	4703.60	5875.88	0.00	-1120.09	
144+00	14400.00	50.00	450.15	337.04	0.00	867.77	618.21	0.00	5571.37	6494.09	0.00	-870.53	
144+50	14450.00	50.00	416.71	355.28	0.00	802.65	641.04	0.00	6374.01	7135.13	0.00	-708.92	
145+00	14500.00	50.00	367.30	380.97	0.00	725.94	681.71	0.00	7099.95	7816.84	0.00	-664.70	
145+50	14550.00	50.00	309.76	391.14	0.00	626.91	714.92	0.00	7726.86	8531.76	0.00	-752.71	
146+00 BK	14600.00	50.00	245.97	452.81	0.00	514.56	781.44	0.00	8241.42	9313.19	0.00	-1019.58	
191+00 AH	19100.00	0.00	0.00	821.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1019.58	
191+50	19150.00	50.00	0.00	729.85	0.00	0.00	1435.98	0.00	0.00	1435.98	0.00	-2455.56	
192+00	19200.00	50.00	0.02	678.82	0.00	0.02	1304.32	0.00	0.02	2740.31	0.00	-3759.86	
192+50	19250.00	50.00	0.00	504.96	0.00	0.02	1096.09	0.00	0.04	3836.39	0.00	-4855.93	
193+00	19300.00	50.00	2.83	372.50	0.00	2.62	812.45	0.00	2.66	4648.85	0.00	-5665.77	
193+50	19350.00	50.00	21.97	277.85	0.00	22.96	602.17	0.00	25.62	5251.02	0.00	-6244.98	
194+00	19400.00	50.00	37.58	218.92	0.00	55.14	459.97	0.00	80.76	5710.99	0.00	-6649.80	
194+07 BK	19406.80	6.80	38.16	101.17	0.00	9.54	40.31	0.00	90.30	5751.29	0.00	-6680.57	

(CONTINUED ON NEXT SHEET)

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Division 4 IH 94 NB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
196+19 AH	19618.50	0.00	54.12	19.04	0.00	0.00	0.00	0.00	0.00	0.00	-7139.60	
196+50	19650.00	31.50	56.78	100.56	0.00	64.69	69.77	64.69	69.77	0.00	-7144.68	
197+00	19700.00	50.00	124.72	170.28	0.00	168.06	250.78	232.75	320.54	0.00	-7227.40	
197+50	19750.00	50.00	50.18	165.10	0.00	161.94	310.54	394.69	631.08	0.00	-7375.99	
198+00	19800.00	50.00	49.29	162.77	0.00	92.10	303.58	486.79	934.66	0.00	-7587.47	
198+50	19850.00	50.00	49.17	165.36	0.00	91.17	303.82	577.96	1238.49	0.00	-7800.13	
199+00	19900.00	50.00	52.75	167.83	0.00	94.37	308.51	672.33	1547.00	0.00	-8014.27	
199+50	19950.00	50.00	61.19	202.37	0.00	105.50	342.78	777.83	1889.78	0.00	-8251.55	
200+00	20000.00	50.00	83.35	226.83	0.00	133.83	397.41	911.66	2287.18	0.00	-8515.12	
200+50	20050.00	50.00	0.00	127.75	0.00	77.18	328.31	988.84	2615.50	0.00	-8766.26	
201+00	20100.00	50.00	109.03	195.26	0.00	100.95	299.08	1089.79	2914.58	0.00	-8964.39	
201+50	20150.00	50.00	126.74	239.89	0.00	218.31	402.92	1308.10	3317.50	0.00	-9149.00	
202+00	20200.00	50.00	132.98	236.15	0.00	240.48	440.78	1548.58	3758.28	0.00	-9349.30	
202+50	20250.00	50.00	135.55	270.74	0.00	248.64	469.34	1797.22	4227.62	0.00	-9570.00	
203+00	20300.00	50.00	139.82	276.63	0.00	254.97	506.82	2052.19	4734.44	0.00	-9821.85	
203+50	20350.00	50.00	145.10	1.71	0.00	263.81	257.72	2316.01	4992.16	0.00	-9815.76	
204+00	20400.00	50.00	145.58	1.46	0.00	259.15	2.94	2585.15	4995.10	0.00	-9549.55	
204+50	20450.00	50.00	136.14	5.17	0.00	260.85	6.14	2846.01	5001.24	0.00	-9294.83	
205+00	20500.00	50.00	136.45	9.94	0.00	252.40	13.99	3098.40	5015.23	0.00	-9056.43	
205+50	20550.00	50.00	141.09	10.49	0.00	256.98	18.92	3355.39	5034.15	0.00	-8818.36	
206+00	20600.00	50.00	140.30	10.79	0.00	260.55	19.70	3615.93	5053.85	0.00	-8577.52	
206+50	20650.00	50.00	139.13	9.31	0.00	258.73	18.61	3874.66	5072.46	0.00	-8337.40	
207+00	20700.00	50.00	139.72	8.67	0.00	258.19	16.65	4132.86	5089.11	0.00	-8095.85	
207+50	20750.00	50.00	139.41	7.77	0.00	258.45	15.22	4391.31	5104.33	0.00	-7852.62	
208+00	20800.00	50.00	137.31	8.53	0.00	256.22	15.09	4647.53	5119.42	0.00	-7611.49	
208+50	20850.00	50.00	132.61	12.42	0.00	249.93	19.40	4897.46	5138.82	0.00	-7380.96	
209+00	20900.00	50.00	123.71	3.17	0.00	237.33	14.44	5134.79	5153.26	0.00	-7158.07	
209+50	20950.00	50.00	127.94	2.78	0.00	233.01	5.51	5367.80	5158.77	0.00	-6930.57	
210+00	21000.00	50.00	126.98	2.95	0.00	236.04	5.31	5603.84	5164.07	0.00	-6699.83	
210+50	21050.00	50.00	119.70	3.47	0.00	228.41	5.94	5832.25	5170.02	0.00	-6477.37	
211+00	21100.00	50.00	122.04	3.57	0.00	223.83	6.52	6056.08	5176.54	0.00	-6260.06	
211+50	21150.00	50.00	129.98	2.86	0.00	233.35	5.95	6289.43	5182.49	0.00	-6032.66	
212+00	21200.00	50.00	131.98	2.93	0.00	242.56	5.36	6531.99	5187.85	0.00	-5795.46	
212+50	21250.00	50.00	129.43	2.99	0.00	242.05	5.48	6774.03	5193.33	0.00	-5558.90	
213+00	21300.00	50.00	131.31	3.13	0.00	241.43	5.67	7015.46	5199.00	0.00	-5323.14	
213+50	21350.00	50.00	135.16	2.77	0.00	246.73	5.46	7262.19	5204.46	0.00	-5081.87	
214+00	21400.00	50.00	136.21	2.73	0.00	251.27	5.09	7513.46	5209.55	0.00	-4835.69	
214+50	21450.00	50.00	136.39	2.78	0.00	252.41	5.10	7765.87	5214.66	0.00	-4588.39	
215+00	21500.00	50.00	134.49	2.95	0.00	250.81	5.31	8016.68	5219.96	0.00	-4342.88	

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 933  
July 19, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-87

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 933

E

FILE NAME: S:\FinalDesign\MIL10302087\_ERoadscad\080101\_ew.ppt

PLOT DATE: 7/17/2018 2:33:10 PM

PLOT BY: ANSCDIS

PLOT NAME: 080101\_ew24

PLOT SCALE: 1:1



(CONTINUED)

Division 4 IH 94 NB

STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
215+50	21550.00	50.00	131.59	2.96	0.00	246.37	5.47	0.00	8263.05	5225.43	0.00	-3642.95
216+00	21600.00	50.00	132.58	3.02	0.00	244.60	5.54	0.00	8507.65	5230.97	0.00	-3403.89
216+50	21650.00	50.00	128.21	3.49	0.00	241.47	6.03	0.00	8749.13	5237.00	0.00	-3168.44
217+00	21700.00	50.00	125.60	3.71	0.00	235.01	6.67	0.00	8984.14	5243.66	0.00	-2940.10
217+50	21750.00	50.00	130.26	3.86	0.00	236.91	7.01	0.00	9221.04	5250.67	0.00	-2710.20
218+00	21800.00	50.00	132.10	3.47	0.00	242.93	6.79	0.00	9463.97	5257.46	0.00	-2474.07
218+50	21850.00	50.00	133.91	3.73	0.00	246.31	6.67	0.00	9710.28	5264.13	0.00	-2234.43
219+00	21900.00	50.00	137.24	3.87	0.00	251.06	7.04	0.00	9961.34	5271.16	0.00	-1990.40
219+50	21950.00	50.00	124.98	4.87	0.00	242.80	8.09	0.00	10204.14	5279.26	0.00	-1755.69
220+00 BK	22000.00	50.00	121.92	5.28	0.00	228.61	9.40	0.00	10432.75	5288.66	0.00	-1536.48

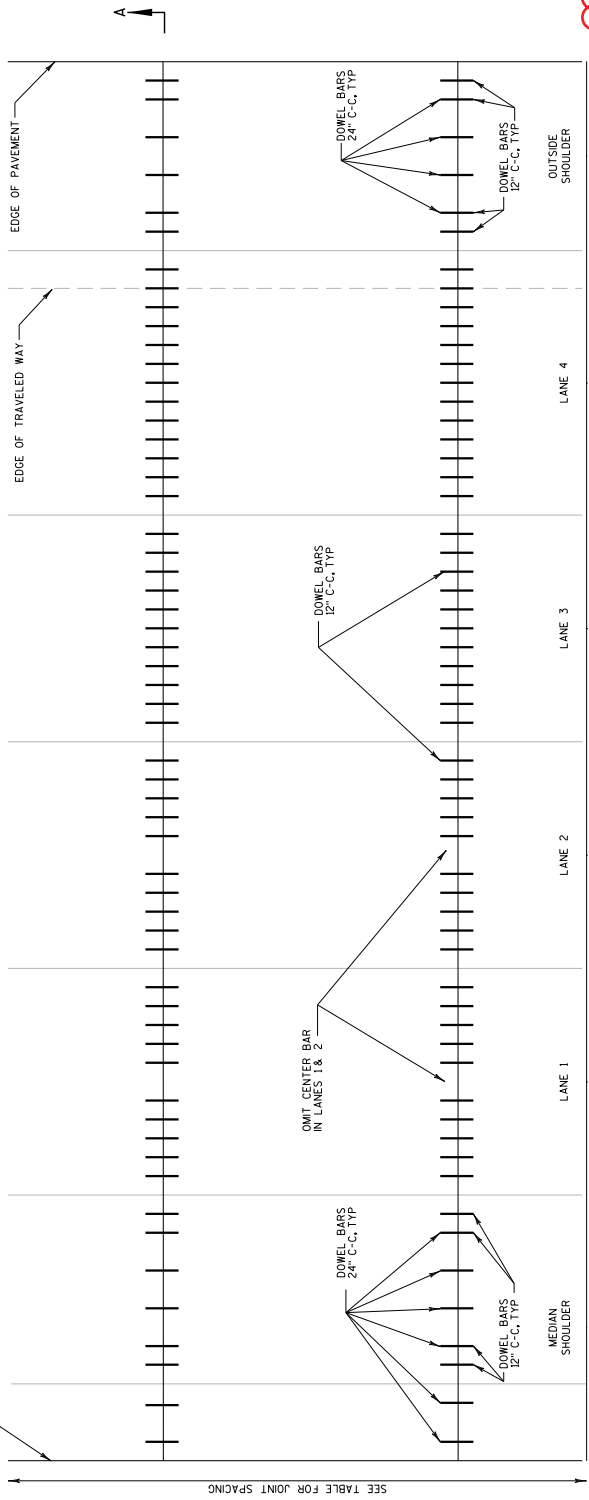
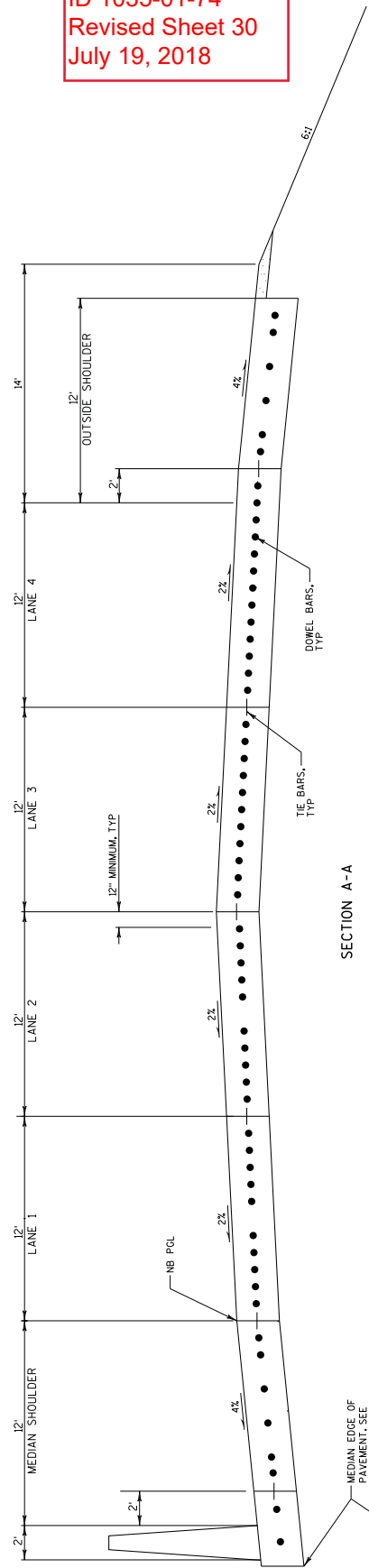
Column totals

18980.77 20517.25

0.00

Addendum No. 04  
ID 1030-20-87  
Revised Sheet 934  
July 19, 2018

Addendum No. 04  
ID 1035-01-74  
Revised Sheet 30  
July 19, 2018



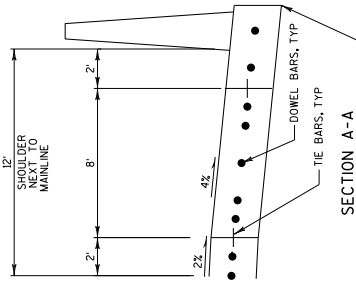
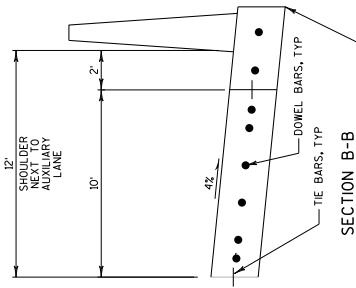
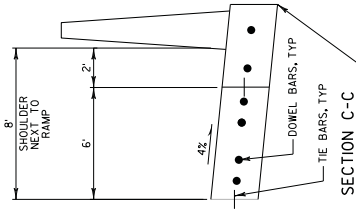
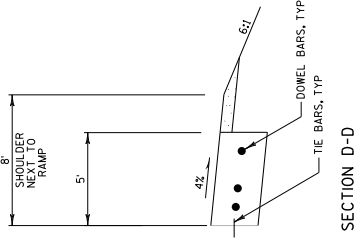
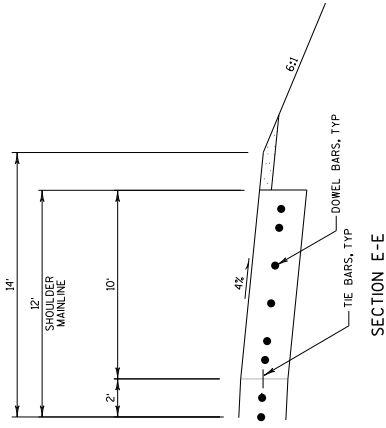
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

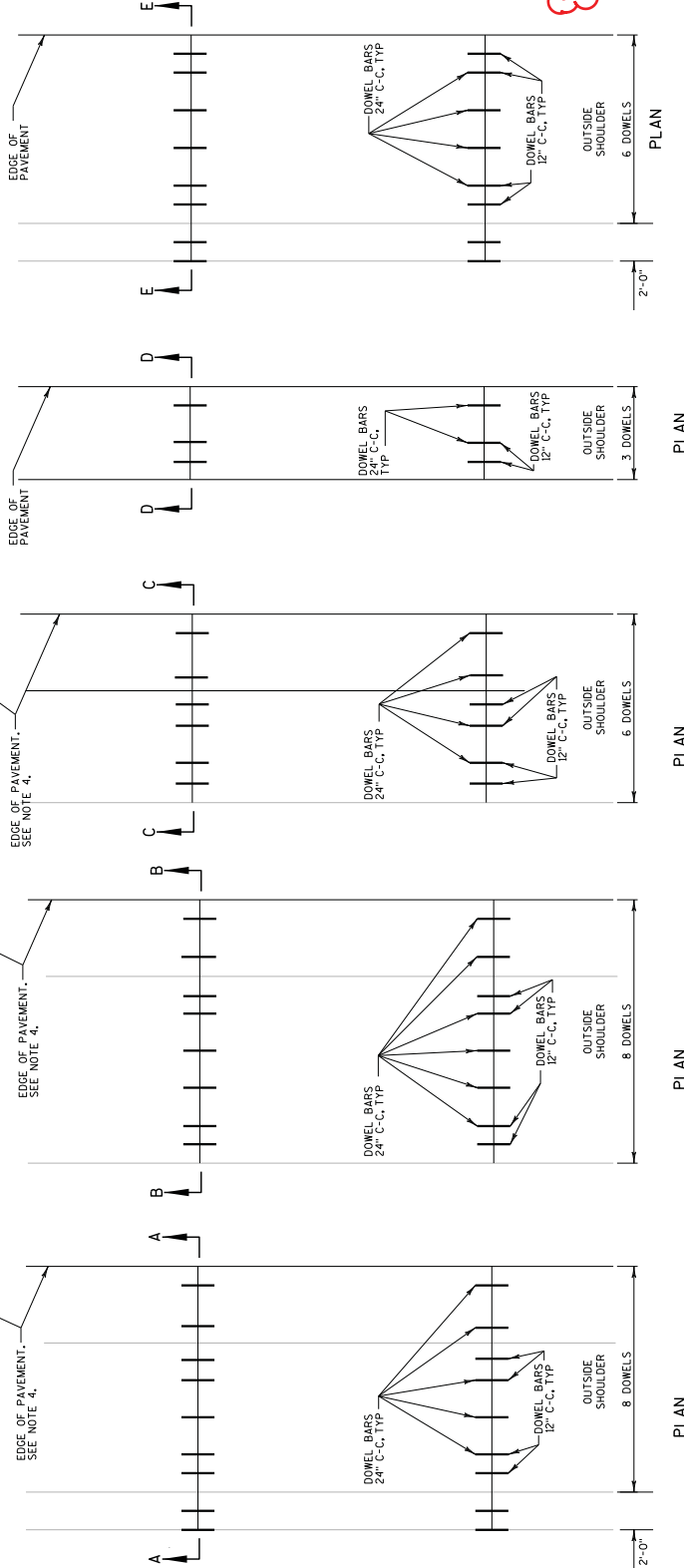
NOTES

1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
2. LOCATE OUTERMOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 12 INCHES FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
3. ~~TIE BARS - SPACING OF 12 INCHES - TYP~~  
~~LONGITUDINAL JOINTS WITH SLANE SEALANT~~
4. FOR OUTER SHOULDERS AND DOUBLE TURN IN MEDIAN, CONCRETE PAV SHALL EXTEND BEYOND THE OUTER EDGE OF THE PAVEMENT BY 12 INCHES, AND ALONG INSIDE OF CURVES, EXTEND PAD 12" ALONG OUTSIDE OF CURVES.

HPC PAVEMENT JOINT DETAIL



Addendum No. 04  
ID 1035-01-74  
Revised Sheet 31  
July 19, 2018



PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

NOTES

1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
2. LOCATE OUTERMOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 12 INCHES FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
3. ~~INCREASE DOWEL SPACING OF TRANSVERSE AND LONGITUDINAL JOINTS WITH SLANE SEALANT.~~
4. LOCATIONS OF BARRIER ALONG ADJACENT ALIGNMENT SHALL BE SHOWN IN THE PLAN VIEW OF BARRIER AT LOCATIONS OF BARRIER ALONG THE OUTSIDE OF CURVES. EDGE OF PAVEMENT IS 12" BEHIND BACK OF BARRIER. DIMENSIONS AND GRADES SHOWN IN PLANS ARE TO BACK OF BARRIER.

100813

CONSTRUCTION DETAILS

COUNTY: RACINE

HWY: IH 94/7 MILE RD 1/C

PROJECT NO: 1035-01-74

SHEET 31

WISDOT/CADD SHEET 42

PLOT NAME : 7m02001.cgs

PLOT BY : scook

PLOT DATE : 18-JUN-2018 10:12

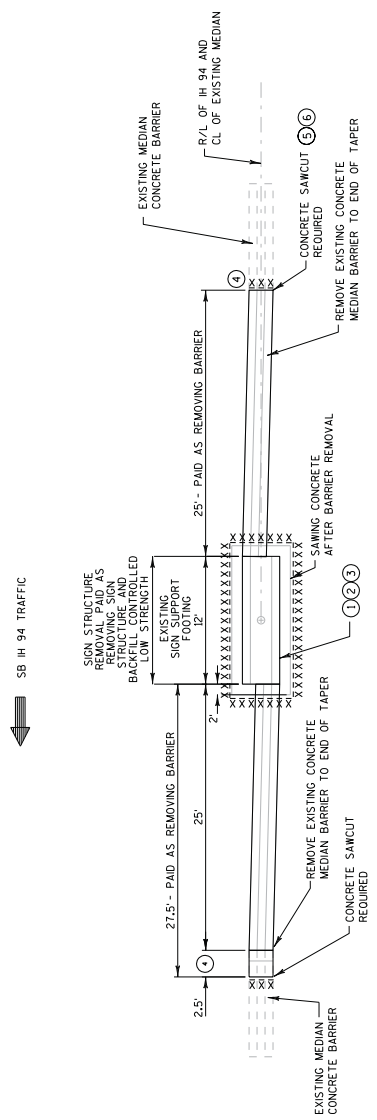
PLOT SCALE : 2:1

FILE NAME : F:\NMI-1834B TM Road\10350174\_MRoads\cadd\7m021001.cad.dgn

- NOTES**
- ALL ITEMS SHOWN ON THIS DETAIL ARE TO BE PAID UNDER THEIR RESPECTIVE BID ITEMS, THESE ITEMS INCLUDE:
- REMOVING SIGN STRUCTURE S-51-205
  - REMOVING CONCRETE BARRIER
  - CONCRETE BARRIER PRECAST DELIVERED AND INSTALLED
  - STEEL THREE BEAM STRUCTURE APPROACH TEMPORARY
  - BACKFILL CONTROLLED LOW STRENGTH
  - BASE AGGREGATE DENSE 1 1/4 INCH
  - BACKFILL CONTROLLED LOW STRENGTH
  - REMOVING PAVEMENT
  - SAWING CONCRETE

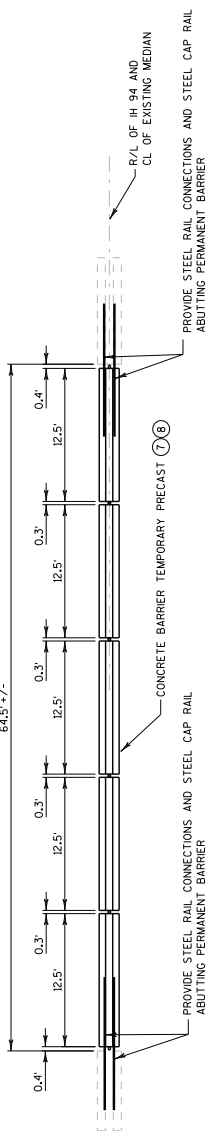
- 1 REMOVE EXISTING SIGN STRUCTURE, PROVIDE FIXED MESSAGE SIGN ON FIXED MESSAGE SIGN PORTABLE SUPPORT IN STAGE 2. MOVE SIGN TO TEMPORARY SIGN SUPPORT FOR STAGE 3 WINTER SHUTDOWN. REMOVAL OF SIGN STRUCTURE PAID FOR AS REMOVING SIGN STRUCTURE S-51-205. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL DETAILS.
- 2 AFTER REMOVAL OF SIGN STRUCTURE, CONTRACTOR TO VERIFY CONDITION AND REPAIR AND DAMAGE TO EXISTING PIPE UNDERDRAIN OR STORM SEWER. IF NECESSARY, REPAIRS TO BE PAID UNDER STORM SEWER ITEMS.
- 3 BACKFILL ALL REMOVAL AREAS WITH BACKFILL CONTROLLED LOW STRENGTH. PLACE 5 INCHES OF ASPHALTIC SURFACE TEMPORARY OVER 6 INCHES 1 1/4 INCH BASE AGGREGATE DENSE.
- 4 IF FIELD MEASUREMENTS INDICATE REMOVAL OF ADDITIONAL MEDIAN CONCRETE BARRIER, REMOVE THE CONCRETE BARRIER IN INCREMENTS OF 12.8 FEET IN ADDITION TO THE 64.5 FOOT REMOVAL.
- 5 CONTRACTOR TO VERIFY CONCRETE SAWCUT LOCATIONS AND TEMPORARY CONCRETE BARRIER TOLERANCES.
- 6 CONCRETE SAWCUTS FOR MEDIAN CONCRETE BARRIER REMOVAL ARE INCIDENTAL TO THE ITEM REMOVING CONCRETE BARRIER.
- 7 ALL SECTIONS OF THE TEMPORARY PRECAST CONCRETE BARRIER ARE REQUIRED TO BE ANCHORED. SEE CONSTRUCTION DETAIL FOR TEMPORARY THREE BEAM CONNECTIONS.
- 8 SEE SDD CONCRETE BARRIER TEMPORARY PRECAST 12'-6" FOR ADDITIONAL DETAILS OF THE CONCRETE BARRIER TEMPORARY PRECAST.

Addendum No. 04  
ID 1035-01-74  
New Sheet 35A  
July 19, 2018



NB IH 94 TRAFFIC

REMOVING SIGN BRIDGE AND EXISTING CONCRETE BARRIER

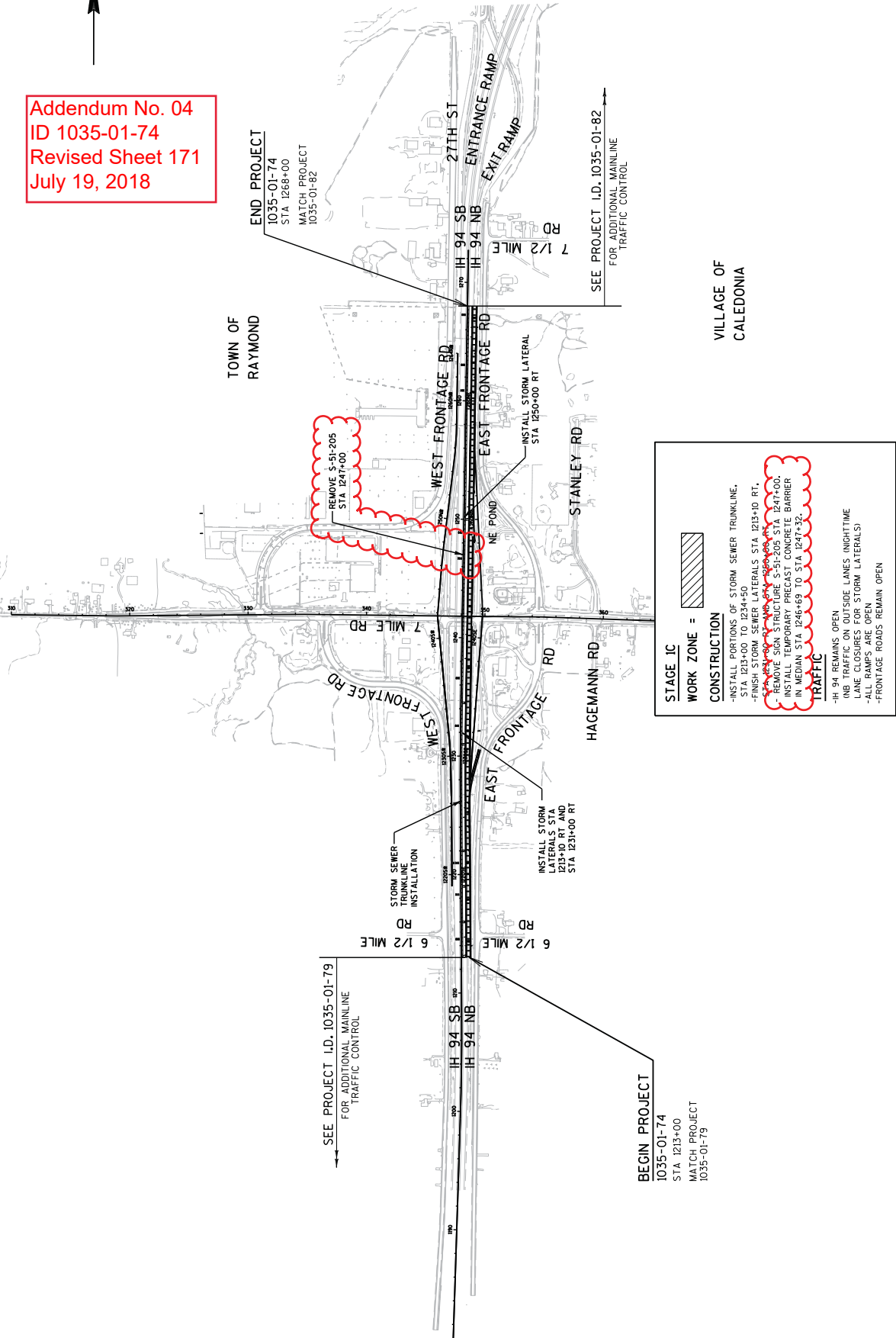


NB IH 94 TRAFFIC

PLACEMENT OF TEMPORARY BARRIER

**REMOVING SIGN BRIDGE NOTCH DETAIL**  
STATION 1247+00

Addendum No. 04  
ID 1035-01-74  
Revised Sheet 171  
July 19, 2018



**STAGE 1C**

**WORK ZONE =** [Hatched box symbol]

**CONSTRUCTION**

- INSTALL PORTIONS OF STORM SEWER TRUNKLINE, STA 1213+00 TO 1234+50
- FINISH STORM SEWER LATERALS STA 1213+10 RT, STA 1231+00 RT AND STA 1234+50 RT
- REMOVE SIGN STRUCTURE S-51-205 STA 1247+00.
- INSTALL TEMPORARY PRECAST CONCRETE BARRIER IN MEDIAN STA 1246+69 TO STA 1247+52.

**TRAFFIC**

- H 94 REMAINS OPEN
- NB TRAFFIC ON OUTSIDE LANES (NIGHTTIME ATTEMPTS TO OPEN STORM LATERALS)
- ALL RAMP'S ARE OPEN
- FRONTAGE ROADS REMAIN OPEN

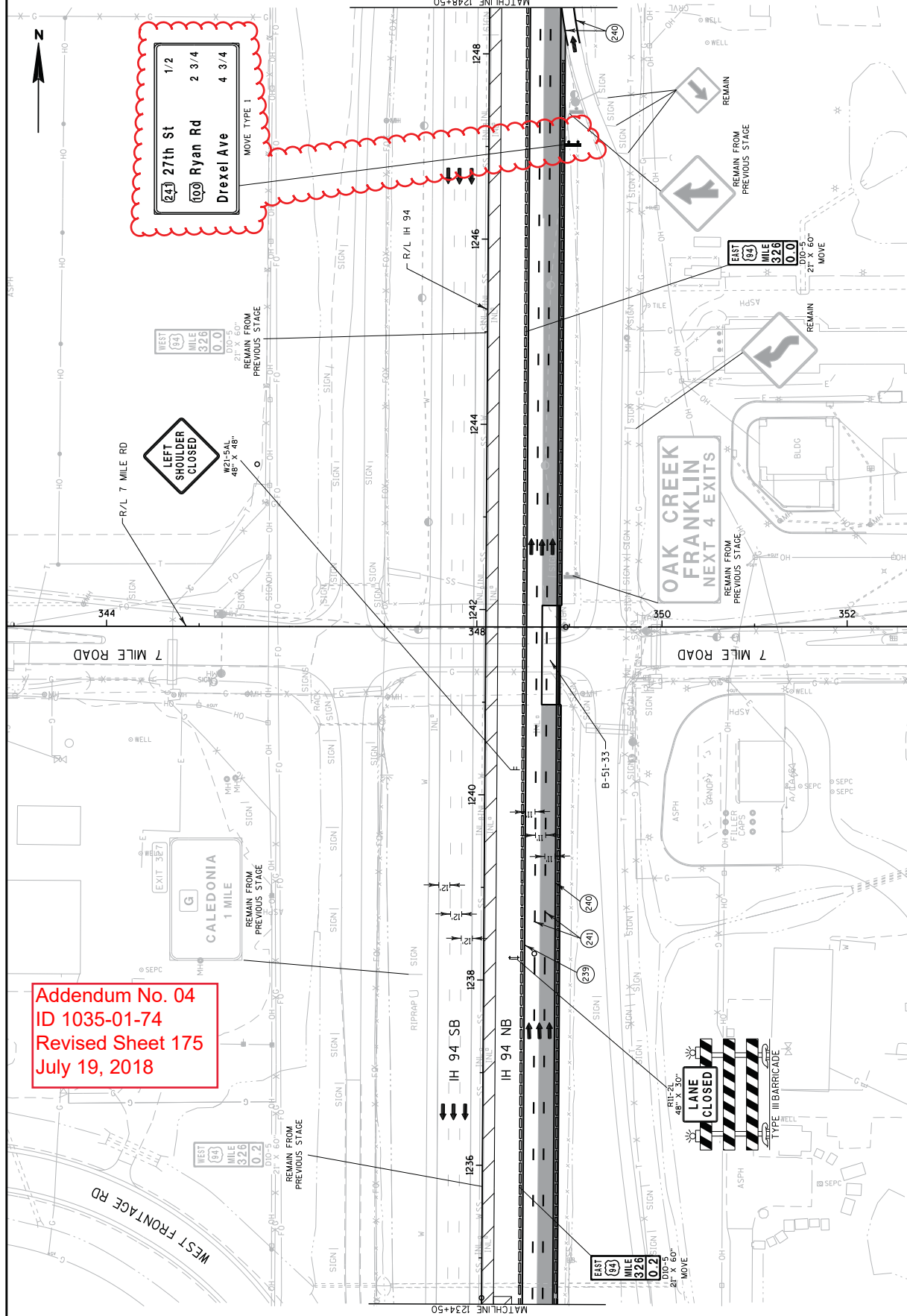
**BEGIN PROJECT**  
1035-01-74  
STA 1213+00  
MATCH PROJECT  
1035-01-79

**END PROJECT**  
1035-01-74  
STA 1268+00  
MATCH PROJECT  
1035-01-82

SEE PROJECT I.D. 1035-01-82  
FOR ADDITIONAL MAINLINE  
TRAFFIC CONTROL

SEE PROJECT I.D. 1035-01-79  
FOR ADDITIONAL MAINLINE  
TRAFFIC CONTROL



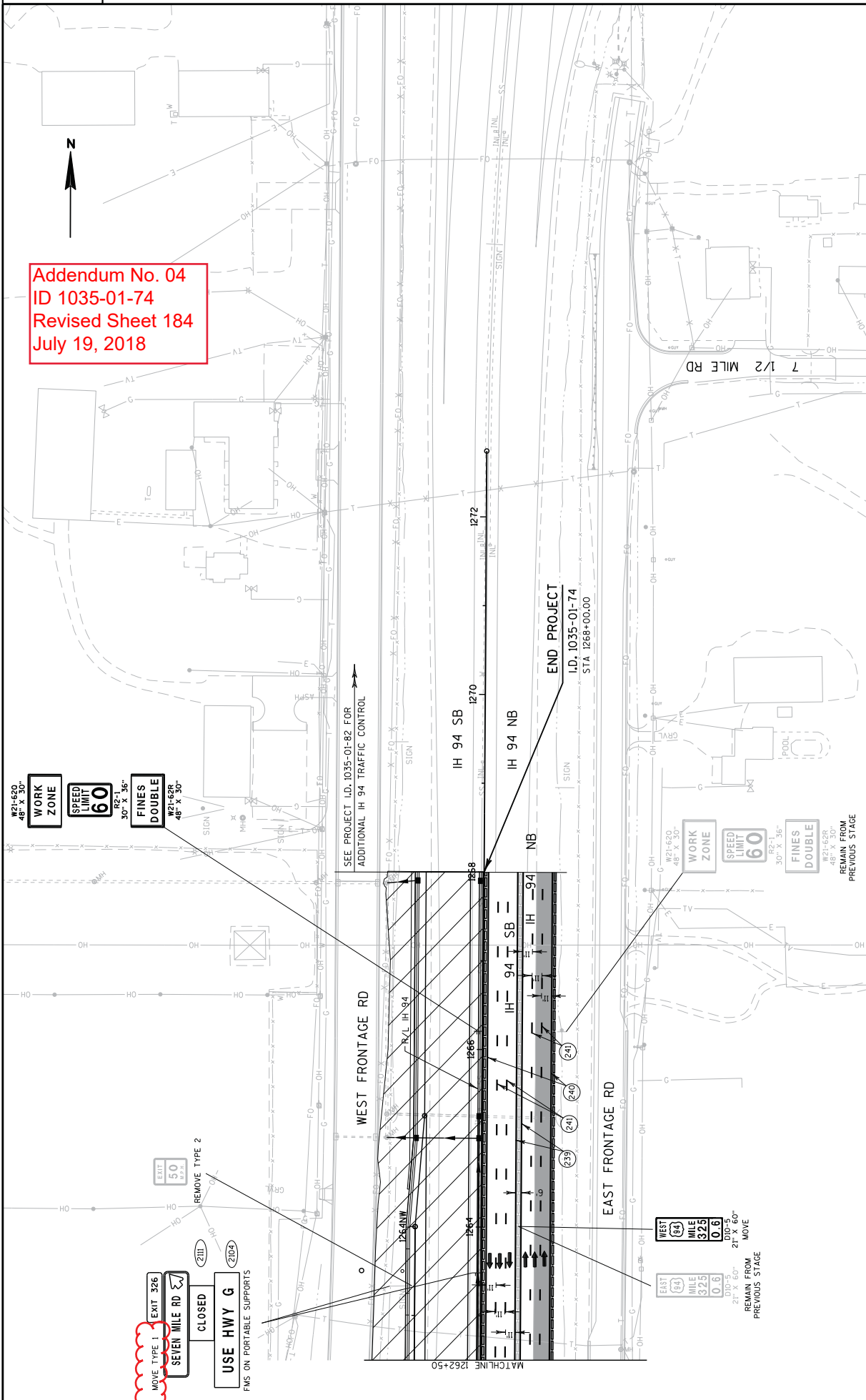


Addendum No. 04  
 ID 1035-01-74  
 Revised Sheet 175  
 July 19, 2018





Addendum No. 04  
ID 1035-01-74  
Revised Sheet 184  
July 19, 2018



PROJECT NO: 1035-01-74

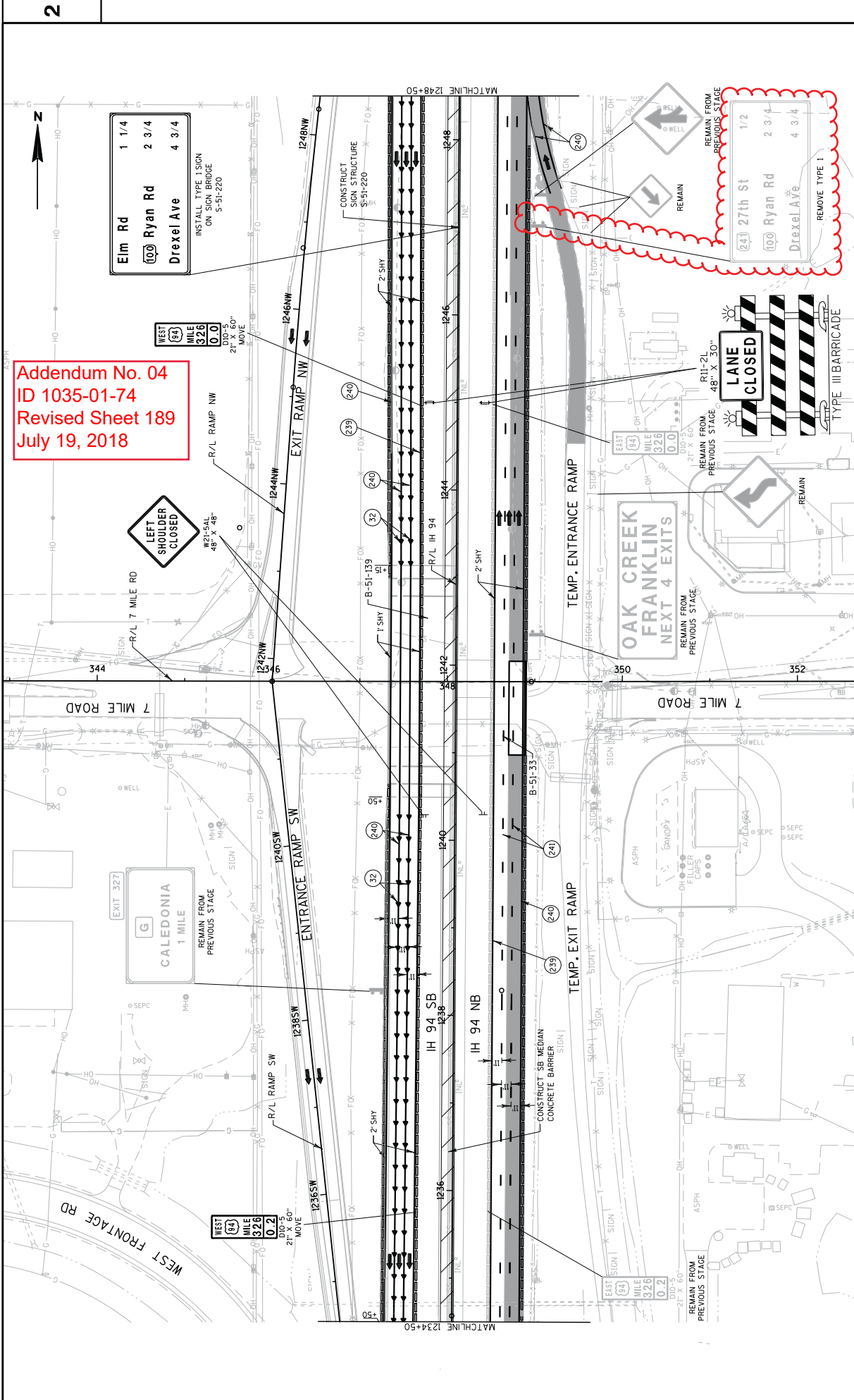
HWY: IH 94/7 MILE ROAD

COUNTY: RACINE

TRAFFIC CONTROL - STAGE 2

SHEET 184

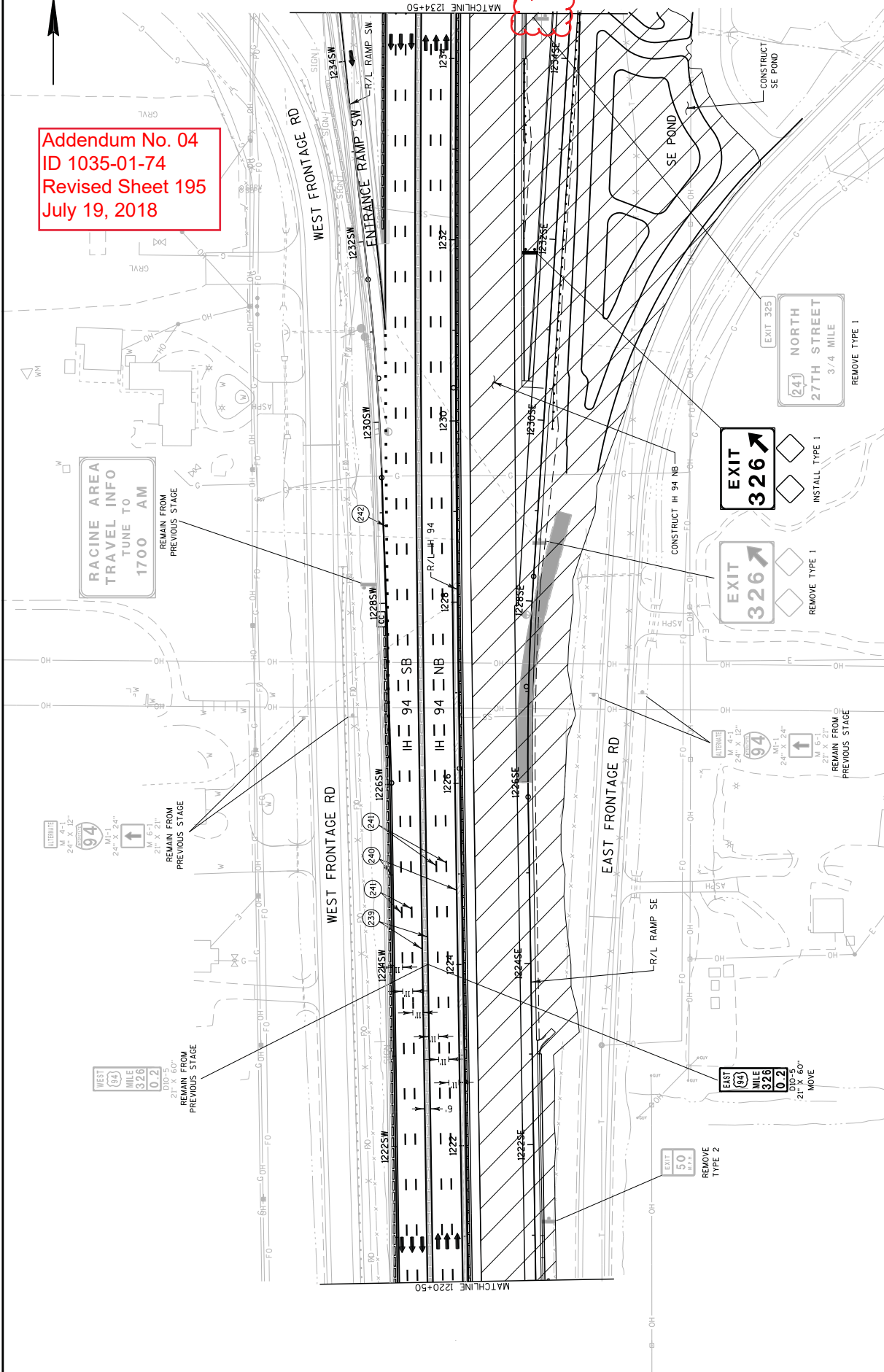
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**Addendum No. 04**  
**ID 1035-01-74**  
**Revised Sheet 189**  
**July 19, 2018**



Addendum No. 04  
ID 1035-01-74  
Revised Sheet 195  
July 19, 2018



PROJECT NO: 1035-01-74

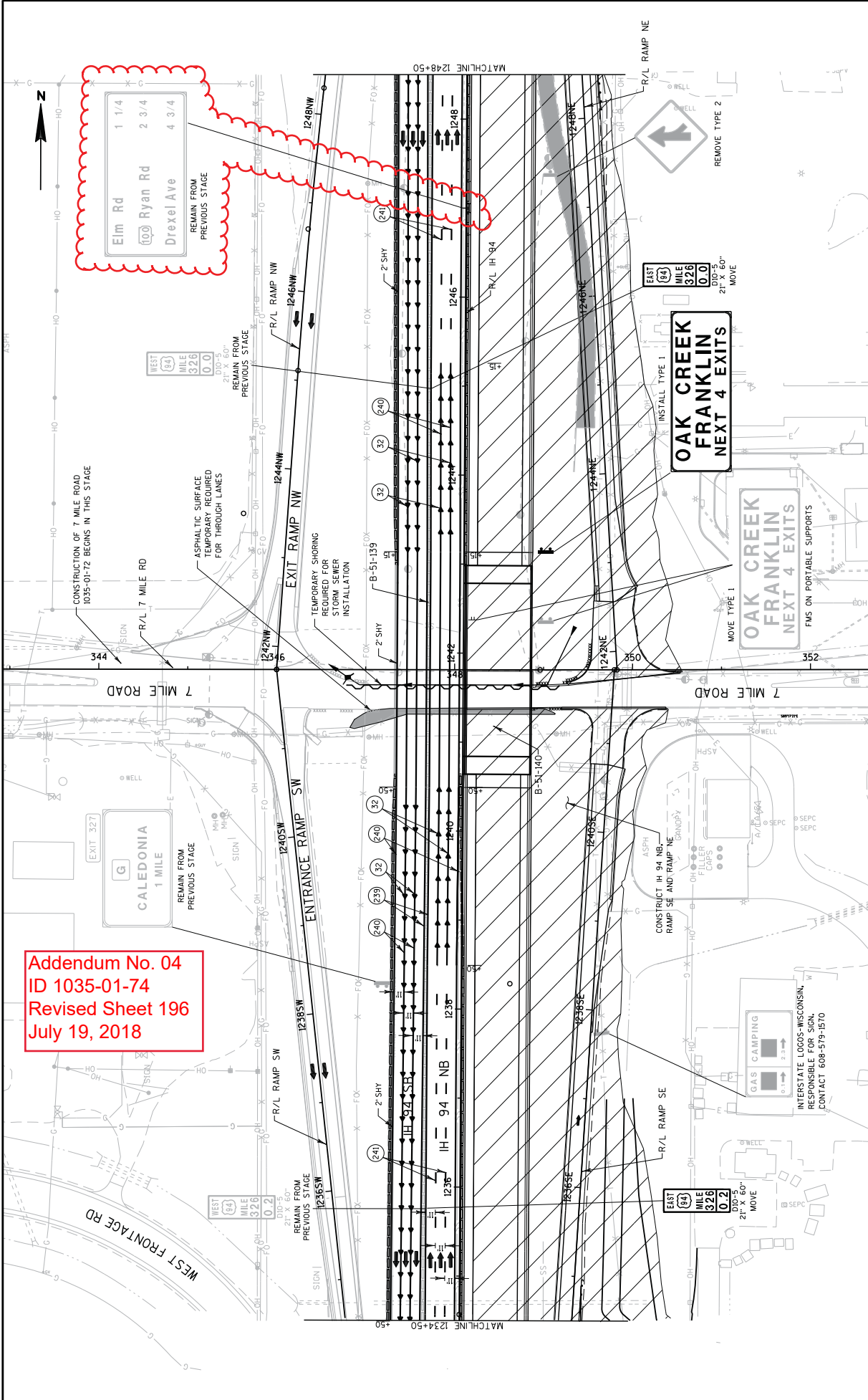
HWY: IH 94/7 MILE ROAD

COUNTY: RACINE

TRAFFIC CONTROL - STAGE 4

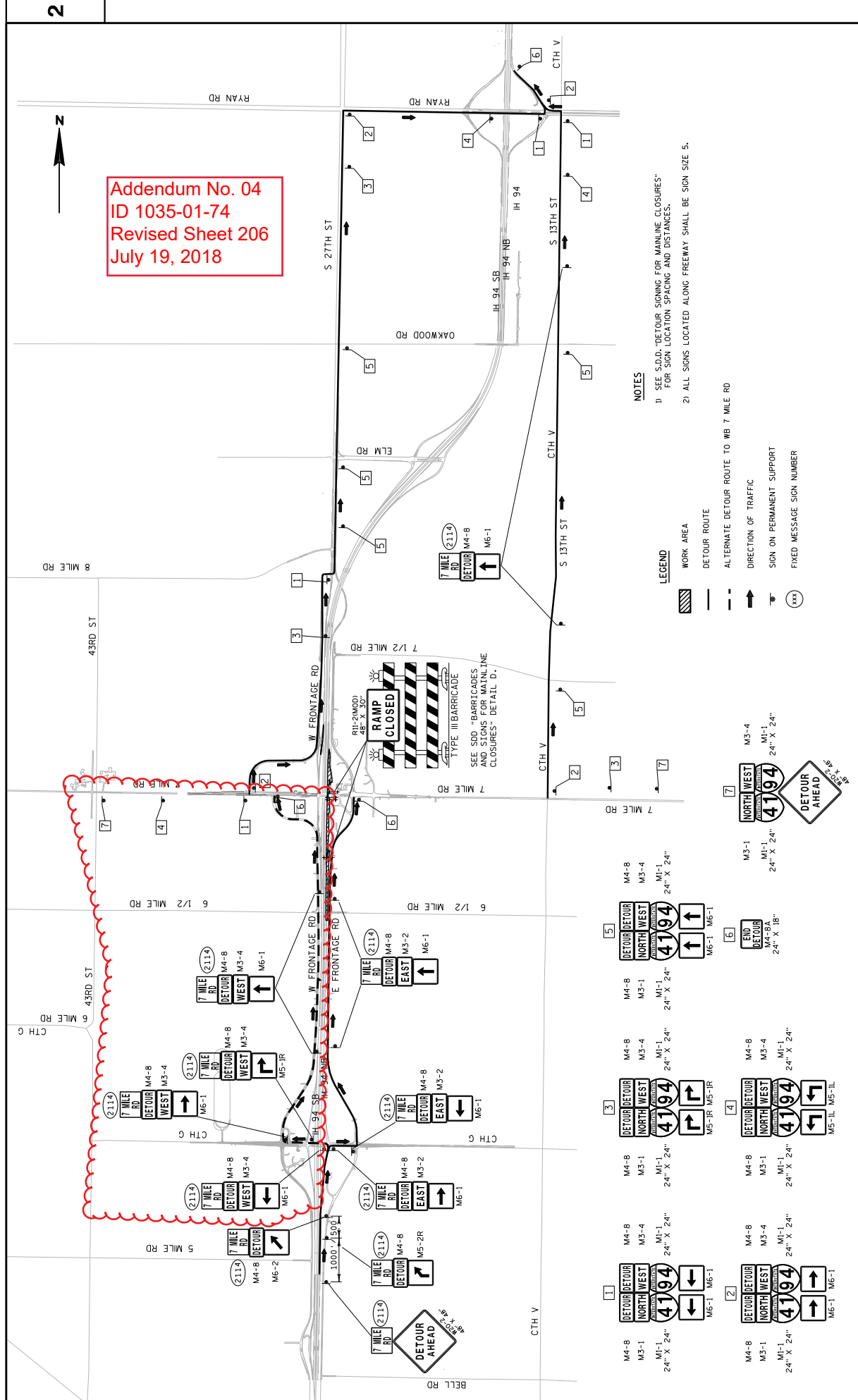
SHEET 195

E



Addendum No. 04  
 ID 1035-01-74  
 Revised Sheet 196  
 July 19, 2018

Addendum No. 04  
 ID 1035-01-74  
 Revised Sheet 206  
 July 19, 2018

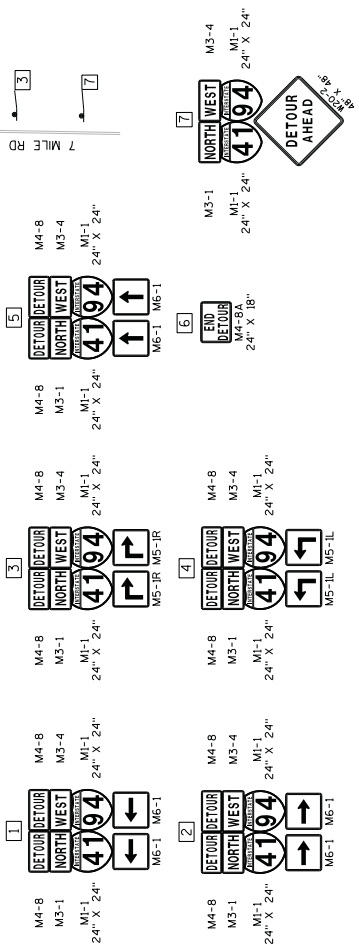


**NOTES**

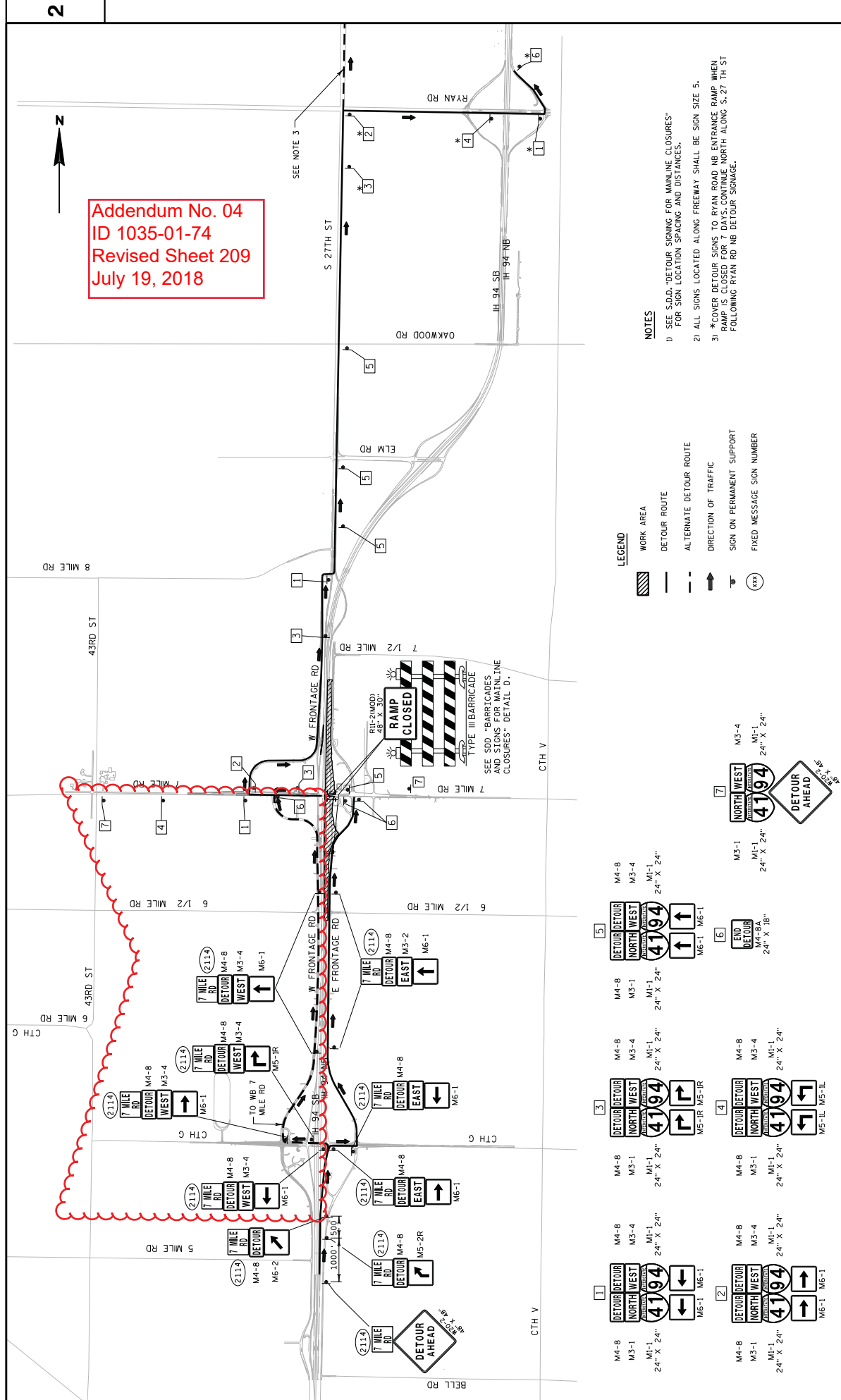
- 1) SEE S.D.D. "DETOUR SIGNING FOR MAINLINE CLOSURES" FOR SIGN LOCATION SPACING AND DISTANCES.
- 2) ALL SIGNS LOCATED ALONG FREEWAY SHALL BE SIGN SIZE 5.

**LEGEND**

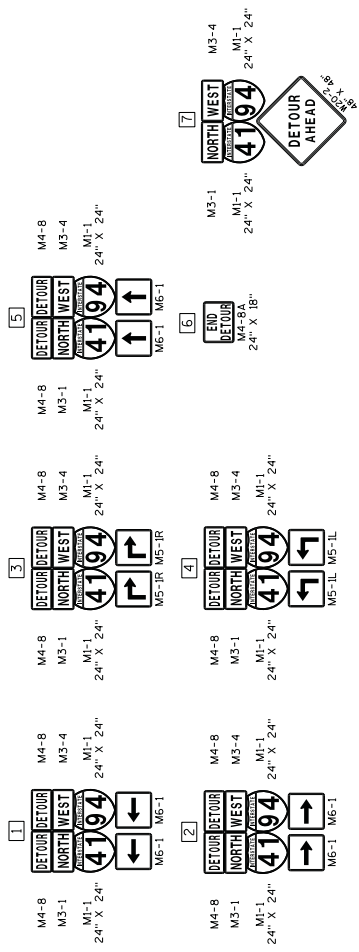
- WORK AREA
- DETOUR ROUTE
- ALTERNATE DETOUR ROUTE TO NB 7 MILE RD
- DIRECTION OF TRAFFIC
- SIGN ON PERMANENT SUPPORT
- FIXED MESSAGE SIGN NUMBER



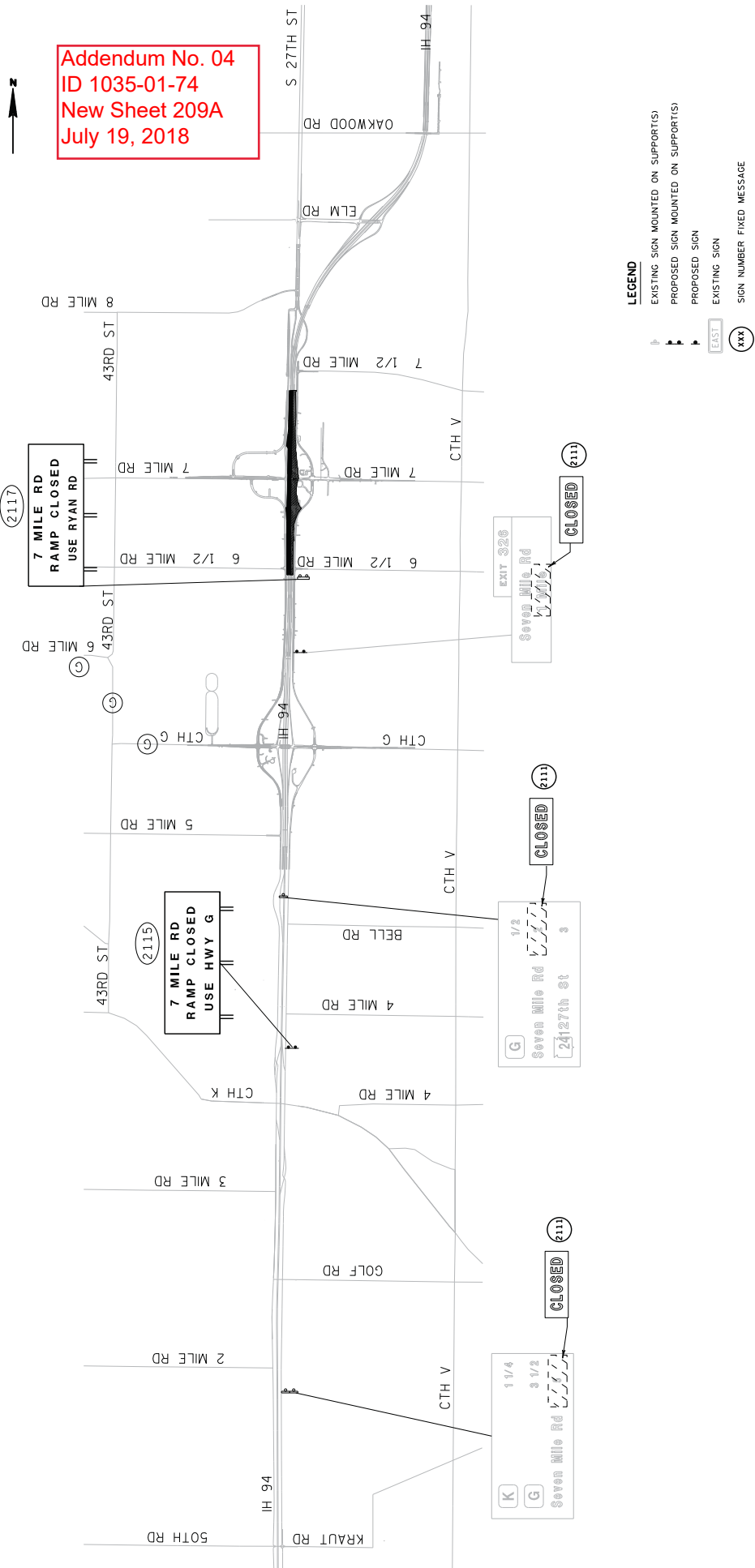
Addendum No. 04  
 ID 1035-01-74  
 Revised Sheet 209  
 July 19, 2018



- LEGEND**
- WORK AREA
  - DETOUR ROUTE
  - ALTERNATE DETOUR ROUTE
  - DIRECTION OF TRAFFIC
  - SIGN ON PERMANENT SUPPORT
  - FINED MESSAGE SIGN NUMBER
- NOTES**
- 1) SEE S.D.D. "DETOUR SIGNING FOR MAINLINE CLOSURES" FOR SIGN LOCATION SPACING AND DISTANCES.
  - 2) ALL SIGNS LOCATED ALONG FREEWAY SHALL BE SIGN SIZE 5.
  - 3) \*COVER DETOUR SIGNS TO RYAN ROAD NB ENTRANCE RAMP WHEN RAMP IS CLOSED FOR 7 DAYS. CONTINUE NORTH ALONG S. 27 TH ST FOLLOWING RYAN RD NB DETOUR SIGNAGE.



Addendum No. 04  
ID 1035-01-74  
New Sheet 209A  
July 19, 2018

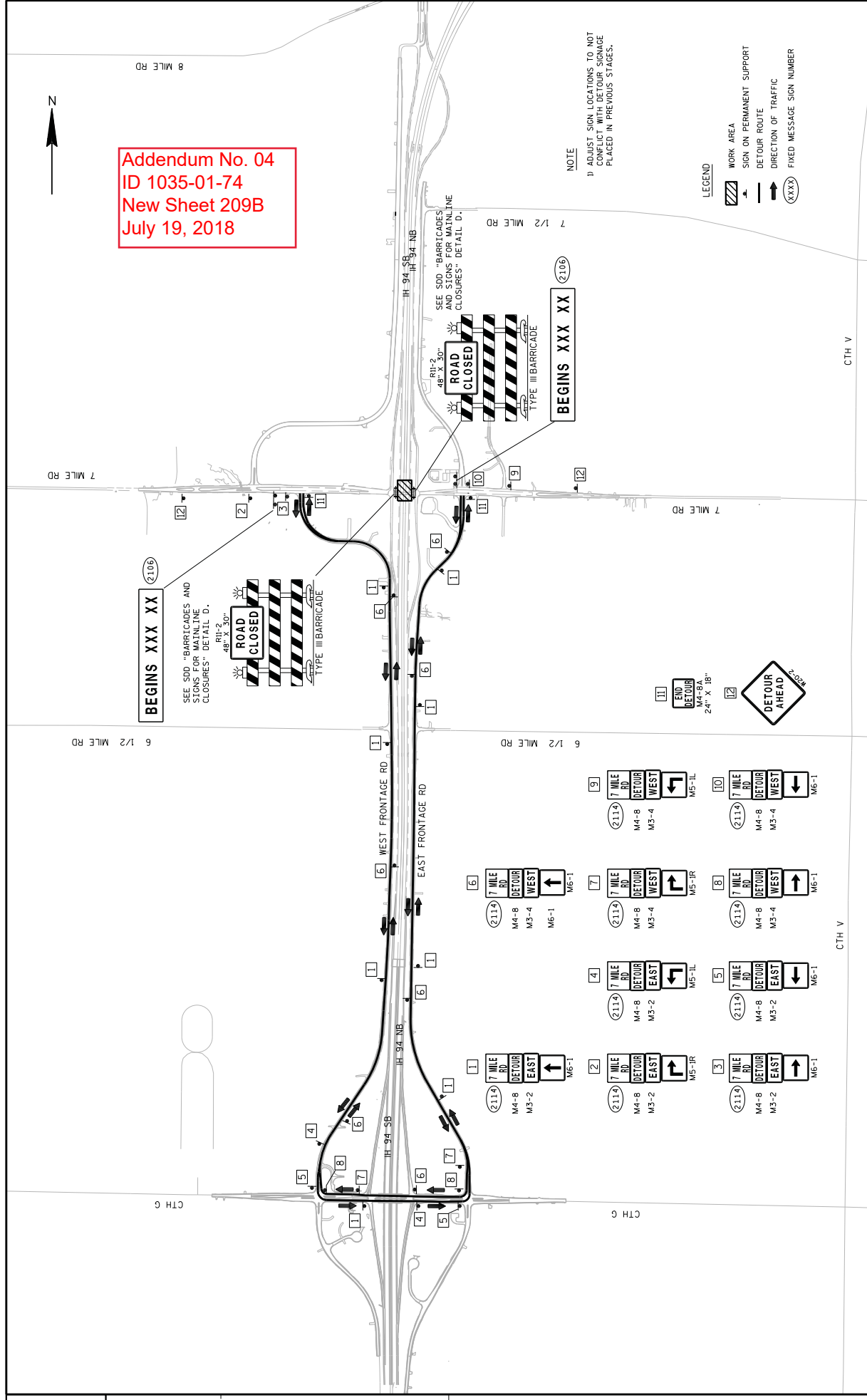


LEGEND

- EXISTING SIGN MOUNTED ON SUPPORT(S)
- PROPOSED SIGN MOUNTED ON SUPPORT(S)
- PROPOSED SIGN
- EXISTING SIGN
- SIGN NUMBER FIXED MESSAGE



Addendum No. 04  
ID 1035-01-74  
New Sheet 209B  
July 19, 2018



NOTE

1) ADJUST SIGN LOCATIONS TO NOT CONFLICT WITH DETOUR SIGNAGE PLACED IN PREVIOUS STAGES.

LEGEND

- WORK AREA
- SIGN ON PERMANENT SUPPORT
- DETOUR ROUTE
- DIRECTION OF TRAFFIC
- FIXED MESSAGE SIGN NUMBER

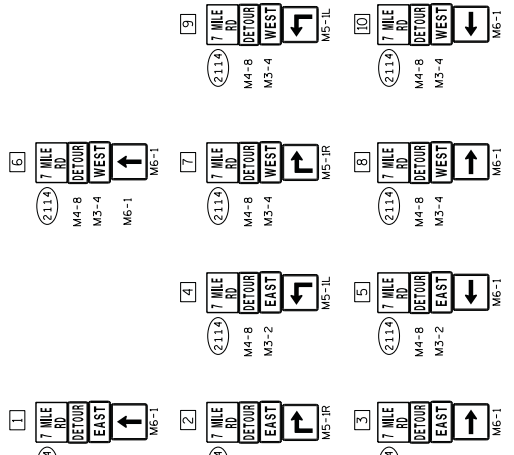
BEGINS XXX XX (2106)

SEE SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" DETAIL D.



BEGINS XXX XX (2105)

SEE SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" DETAIL D.





CPM PROGRESS SCHEDULE ITEMS

CATEGORY	STAGE	LOCATION	SPV.0060.0007 BASELINE CFM	SPV.0060.0008 MONTHLY CFM	PROGRESS SCHEDULE UPDATES EACH
1000	ALL	PROJECT 1035-01-74	0.14		22
<b>TOTALS</b>					22

REMOVING SMALL PIPE CULVERTS

CATEGORY	STAGE	ROADWAY	STATION	OFFSET	LENGTH	DESCRIPTION	203.0100 EACH
1000	4	<u>IH94.NB</u>	1234+71	RT	210'	48" CFCM	1
4		<u>RAMP SE</u>	1228SE+66	40' RT	63'	18" CFCM	1
			1233SE+20	37' RT	68'	18" CFCM	1
4		<u>RAMP NE</u>	1242NE+05	25' LT	62'	24" CFCM	1
2		<u>IH94.SB</u>	1234+71	LT	98'	48" CFCM	1
2		<u>RAMP SW</u>	1234SW+74	LT/RT	68'	48" CFCM	1
			1240SW+82	22' RT	62'	18" CFCM	1
2		<u>RAMP NW</u>	1242NW+20	30' RT	64'	24" CFCM	1
<b>TOTAL</b>							8

REMOVING PAVEMENT

CATEGORY	STAGE	ROADWAY	STA	TO	STA	SY	
1000	1C	<u>IH94.NB</u>	1213+00	-	1234+50	2,389	
<b>SUBTOTAL STAGE 4</b>							2,389
4		<u>IH94.NB</u>	1213+00	-	1240+97	15,995	
		MAINLINE - S. OF 7 MILE	1242+06	-	1268+00	16,863	
<b>RAMP</b>							
		SE RAMP	1225SE+67	-	1241SE+42	2,981	
		NE RAMP	1241SE+72	-	1258NE+25	3,172	
<b>SUBTOTAL STAGE 4</b>							39,012
2		<u>IH94.SB</u>	1213+00	-	1240+97	18,275	
		MAINLINE - S. OF 7 MILE	1242+06	-	1268+00	16,988	
<b>RAMP</b>							
		SW RAMP	1219SW+95	-	1228SW+85	1,664	
		SW RAMP	1236SW+96	-	1241SW+46	1,196	
		NW RAMP	1241SW+61	-	1250NW+86	1,705	
<b>SUBTOTAL STAGE 2</b>							39,829
<b>TOTAL</b>						81,230	

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ID 1035-01-74  
Revised Sheet 228  
July 19, 2018

REMOVING OLD SIGN STRUCTURE

CATEGORY	ROADWAY	STATION	LS	
1000	IH94 SB	1247+00	1	
<b>TOTAL</b>				1

REMOVING ASPHALTIC SURFACE

CATEGORY	STAGE	ROADWAY	STA	TO	STA	SY
0100	5	<u>IH94.SB WIDENING</u>	1213+00	-	1217+84	205
			1232+00	-	1240+50	340
			1243+15	-	1253+75	645
			1264+45	-	1268+00	160
<b>TOTAL</b>						1,350

REMOVING CONCRETE BARRIER

CATEGORY	STAGE	ROADWAY	STA	TO	STA	LF	REMARKS
0100	4	<u>IH94.NB</u>	1213+00	-	1240+96	2,796	MEDIAN
			1233+59	-	1240+96	737	OUTSIDE
			1242+06	-	1246+94	488	MEDIAN
			1247+06	-	1268+00	2,084	MEDIAN
			1242+06	-	1246+24	418	OUTSIDE
<b>SUBTOTAL STAGE 4</b>							6,533
2		<u>IH94.SB</u>	1233+22	-	1240+96	774	OUTSIDE
			1242+06	-	1251+09	903	OUTSIDE
<b>SUBTOTAL STAGE 2</b>							1,677
<b>TOTAL</b>						8,210	

REMOVING FENCE

CATEGORY	STAGE	ROADWAY	STA	TO	STA	LOCATION	204.0170 LF
1000	4	<u>IH94.NB</u>	1213+00	-	1224+50	RT	1,147
			1229+70	-	1240+96	RT	1,157
			1242+06	-	1247+10	RT	503
			1247+95	-	1268+00	RT	2,004
<b>SUBTOTAL STAGE 4</b>							4,811
2		<u>IH94.SB</u>	1233+74	-	1240+96	LT	774
			1242+00	-	1252+89	LT	1,127
			1257+65	-	1268+00	LT	1,038
<b>SUBTOTAL STAGE 2</b>							2,939
<b>TOTAL</b>						7,750	

MISCELLANEOUS QUANTITIES

COUNTY: RACINE	QUANTITY
	8,210

HWY: IH 94/7 MILE ROAD

PROJECT NO: 1035-01-74	SY
	204.0100

COUNTY: RACINE

QUANTITY
8,210

MISCELLANEOUS QUANTITIES

COUNTY: RACINE	QUANTITY
	1,677

REMOVING FENCE

CATEGORY	STAGE	ROADWAY	STA	TO	STA	LOCATION	204.0170 LF
1000	4	<u>IH94.NB</u>	1213+00	-	1224+50	RT	1,147
			1229+70	-	1240+96	RT	1,157
			1242+06	-	1247+10	RT	503
			1247+95	-	1268+00	RT	2,004
<b>SUBTOTAL STAGE 4</b>							4,811
2		<u>IH94.SB</u>	1233+74	-	1240+96	LT	774
			1242+00	-	1252+89	LT	1,127
			1257+65	-	1268+00	LT	1,038
<b>SUBTOTAL STAGE 2</b>							2,939
<b>TOTAL</b>						7,750	

Addendum No. 04  
 ID 1035-01-74  
 Revised Sheet 250  
 July 19, 2018

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	STAGE	LOCATION	634.0885		643.1000		SPV.0060.0026		COMMENT
			POST TUBULAR	STEEL	TRAFFIC CONTROL	FIXED MESSAGE SIGN	MOVING SIGNS	PORTABLE SUPPORT	
NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
TYPE I	TYPE II	TYPE I	TYPE II	TYPE I	TYPE II	TYPE I	TYPE II		
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	SPECIAL	
1000	1B	1219+80	--	1	--	--	--	--	MOVE "EXIT 50 MPH" TO 1221+00
		1219+80	2111	--	7.50	--	--	--	MOUNT ON EXISTING EXIT SIGN
		1219+80	2106	--	15.00	--	--	--	MOUNT ON EXISTING EXIT SIGN
		1228+65	--	1	--	--	--	--	
		1234+49	--	1	--	--	--	--	
		1242+15	2111	--	7.50	--	--	--	
		1242+15	2106	--	15.00	--	--	--	
		1242+35	--	1	--	--	--	--	
		1248+50	--	1	--	--	--	--	MOVE "MERGE" TO 1247+35
IC		1213+00-1268+00	6	--	6	--	--	--	MILE MARKER SIGNS
		1247+00	--	1	--	--	--	1	MOUNT ON PORTABLE SUPPORT
2		1213+00-1268+00	--	6	--	--	--	--	MILE MARKER SIGNS
		1223+25	--	1	--	--	--	--	
		1238+25	--	1	--	48.00	1	--	MOVE "RAGINE AREA TRAVEL INFO" TO 1228+00
		1238+25	2105	--	10.50	--	--	--	MOUNT ON PORTABLE SUPPORT
		1238+25	2103	--	7.50	--	--	--	MOUNT ON PORTABLE SUPPORT
		1248+25	2111	--	--	--	--	--	COVER 3/4 MILE WHEN 27TH ST RAMP IS CLOSED
		1254+00	--	1	--	--	--	--	MOVE "EXIT 326" TO 1253+50
		1263+10	--	1	--	7.50	1	--	MOVE "SEVEN MILE RD" TO MEDIAN
		1263+10	2111	--	12.75	--	--	--	MOUNT ON EXISTING EXIT SIGN
		1263+10	2104	--	--	--	--	--	MOUNT ON EXISTING EXIT SIGN
3		1213+00-1268+00	6	--	6	--	--	--	MILE MARKER SIGNS
		1263+00	--	1	--	--	--	--	MOVE "SEVEN MILE RD" TO SB OUTER SHOULDER
4		1213+00-1268+00	--	6	--	--	--	--	MILE MARKER SIGNS
		1219+75	--	1	--	7.50	1	--	MOVE "SEVEN MILE RD" TO MEDIAN
		1219+75	2111	--	13.50	--	--	--	MOUNT ON EXISTING EXIT SIGN
		1219+75	2107	--	--	--	--	--	MOUNT ON EXISTING EXIT SIGN
		1234+49	--	1	--	--	--	--	MOUNT ON PORTABLE SUPPORT
		1242+35	--	1	--	--	--	1	
UNDISTRIBUTED			2119	--	49.50	--	--	--	"ACCESS TO BUSINESSES FOLLOW DETOUR"
			2119	--	49.50	--	--	--	"ACCESS TO BUSINESSES FOLLOW DETOUR"
TOTALS			12	13	26	251.25	5		

\*ADDITIONAL QUANTITIES LISTED ELSEWHERE

TRAFFIC CONTROL COVERING SIGN ITEMS

CATEGORY	STAGE	DURATION DAYS	643.0910 COVERING SIGNS TYPE I		643.0920 COVERING SIGNS TYPE II	
			# SIGNS	# CYCLES	# SIGNS	# CYCLES
1000	1A	20	--	--	--	--
	1B	50	3	1	3	--
	1C	26	--	--	--	--
	2	224	2	1	2	--
	3	35	--	--	--	--
4	133	3	1	3	--	
5	159	--	--	--	--	
UNDISTRIBUTED			2	1	2	10
TOTALS			10			

\* FOR INFORMATION ONLY

TRAFFIC CONTROL DETOUR ITEMS

CATEGORY	STAGE	DURATION DAYS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III		643.0705 TRAFFIC CONTROL LIGHTS TYPE A	
			# SIGNS	# CYCLES	# SIGNS	# CYCLES
1000	STAGE 1B	30	4	120	4	240
	STAGE 2	224	4	896	4	1,792
	STAGE 4	133	4	532	4	1,064
	7 MILE RD DETOUR	78	4	312	4	624
UNDISTRIBUTED			240		480	
TOTALS			2,100		4,200	

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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ID 1035-01-74  
Revised Sheet 252  
July 19, 2018

TRAFFIC CONTROL

CATEGORY	PROJECT	EACH
1000	1035-01-74	0.14
TOTAL		0.14

PAVEMENT MARKING ITEMS

CATEGORY	ROADWAY	STATION	646.1545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH		646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH DASHED WHITE 12.5-FOOT LINE 37.5-FOOT SKIP		646.3555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH DOT PATTERN WHITE 3-FOOT LINE 9-FOOT SKIP		SPV 0060.0080 MARKING CONTRAST EPOXY SPECIAL MARKING ARROW TYPE 2 TYPE 3 TYPE 4 TYPE 5 WHITE WHITE WHITE EACH EACH EACH		SPV 0060.0082 MARKING CONTRAST EPOXY STOP LINE SPECIAL MARKING EPOXY 18-INCH EACH						
			WHITE EACH	YELLOW LF	WHITE EACH	LF	WHITE LF	LF	WHITE LF	LF	MARKING EACH	LF	MARKING EACH	LF			
1000	<u>I-94 SB</u>	1213+00 - 1288+00	5	8	3	5,500	4,400	4,125	--	1,087	276	--	--	--	--	--	
	<u>I-94 NB</u>	1213+00 - 1288+00	3	10	7	5,500	4,340	4,125	--	1,082	285	--	--	--	--	--	
	<u>RAMP SE</u>	1227+13 - 1241+43	17	22	--	995	1,485	--	--	527	39	1	1	1	2	--	
	<u>RAMP SW</u>	1226+02 - 1241+51	5	5	--	875	1,540	--	--	645	--	--	--	2	--	--	
	<u>RAMP NE</u>	1241+78 - 1259+12	6	6	--	991	1,655	--	--	667	--	--	--	2	--	--	
	<u>RAMP NW</u>	1241+74 - 1256+74	12	14	--	1,100	1,595	--	--	930	34	2	2	1	2	18	
	UNDISTRIBUTED		7	5	5	29	35	50	20	62	16	--	--	--	2	--	
TOTALS			55	70	15	14,990	15,050	8,300	320	5,010	650	3	3	2	4	4	20
						30,040		8,620				12					15

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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ID 1035-01-74  
Revised Sheet 254  
July 19, 2018

RECONNECT STORM SEWER

CATEGORY	STAGE	ROADWAY	FROM STR.	TO STR.	STATION	OFFSET	SPV.0060.0016 EACH
1000	2	IH 94 NB	177A	EX. MH	1260+08	121.9 LT	1
4		NE RAMP	168.1	EX. MH	1254+19 NE	28.5 RT	1
TOTAL							2

\*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CATEGORY	ROADWAY	UNPAVED AREA EACH	PAVED AREA EACH
1000	PROJECT	3	3
TOTAL			3

SPV.0060.0100 SPV.0060.0101  
EXPOSING EXISTING  
INFRASTRUCTURE

TRAFFIC CONTROL/DETOUR ITEMS

CATEGORY	STAGE	LOCATION	TRAFFIC SIGN TYPE	NO.	MESSAGE	COMMENT
1000	STAGE 2	1263+34	2111	7.50	CLOSED	
		1263+34	2104	1275	USE HWY G	
		7 1/2 MILE RD	2115	45.00	7 MILE RD RAMP CLOSED USE HWY G	
		7 1/2 MILE RD	2111	7.50	CLOSED	
		PUETZ RD	2117	45.00	7 MILE RD RAMP CLOSED USE HWY G	
		7 MILE RD, W OF IH 94	2116	49.50	IH 94 RAMP CLOSED FOLLOW DETOUR	
		7 MILE RD, E OF IH 94	2116	49.50	IH 94 RAMP CLOSED FOLLOW DETOUR	
		W FRONTAGE RD, N OF 7 MILE RD	2114	5.00	7 MILE RD	
		27TH ST	2114	5.00	7 MILE RD	
		27TH ST	2114	5.00	7 MILE RD	
		27TH ST	2114	5.00	7 MILE RD	
		27TH ST	2114	5.00	7 MILE RD	
		RYAN RD	2114	5.00	7 MILE RD	
		RYAN RD	2114	5.00	7 MILE RD	
		H 94 SB, N OF RYAN RD	2114	5.00	7 MILE RD	
		H 94 SB, N OF RYAN RD	2114	5.00	7 MILE RD	
		H 94 SB, N OF RYAN RD	2114	5.00	7 MILE RD	

CATEGORY	STAGE	LOCATION	TRAFFIC SIGN TYPE	NO.	MESSAGE	COMMENT
1000	STAGE 4	2 MILE RD	2111	7.50	CLOSED	
		4 MILE RD	2115	49.50	7 MILE RD RAMP CLOSED USE HWY G	
		BELL RD	2111	7.50	CLOSED	
		CTH G	2111	7.50	CLOSED	
		6 1/2 MILE RD	2117	45.00	7 MILE RD RAMP CLOSED USE RYAN RD	
		IH 94 NB, S OF CTH G	2114	5.00	7 MILE RD	
		IH 94 NB, S OF CTH G	2114	5.00	7 MILE RD	
		IH 94 NB, S OF CTH G	2114	5.00	7 MILE RD	
		NB EXIT RAMP AT CTH G	2114	5.00	7 MILE RD	
		NB EXIT RAMP AT CTH G	2114	5.00	7 MILE RD	
		WB CTH G AT IH 94	2114	5.00	7 MILE RD	
		IH 94 NB, S OF CTH G	2114	5.00	7 MILE RD	
		CTH G AT E FRONTAGE RD	2114	5.00	7 MILE RD	
		CTH G AT W FRONTAGE RD	2114	5.00	7 MILE RD	
		E FRONTAGE RD, N OF CTH G	2114	5.00	7 MILE RD	
		E FRONTAGE RD, N OF CTH G	2114	5.00	7 MILE RD	
		W FRONTAGE RD, N OF 6 1/2 MILE RD	2114	5.00	7 MILE RD	
		S 13TH ST, S OF 7 1/2 MILE RD	2114	5.00	7 MILE RD	
		S 13TH ST, N OF OAKWOOD	2114	5.00	7 MILE RD	

CATEGORY	STAGE	LOCATION	TRAFFIC SIGN TYPE	NO.	MESSAGE	COMMENT
1000	STAGE 2	1263+34	2111	7.50	CLOSED	
		1263+34	2104	1275	USE HWY G	
		7 1/2 MILE RD	2115	45.00	7 MILE RD RAMP CLOSED USE HWY G	
		7 1/2 MILE RD	2111	7.50	CLOSED	
		PUETZ RD	2117	45.00	7 MILE RD RAMP CLOSED USE HWY G	
		7 MILE RD, W OF IH 94	2116	49.50	IH 94 RAMP CLOSED FOLLOW DETOUR	
		7 MILE RD, E OF IH 94	2116	49.50	IH 94 RAMP CLOSED FOLLOW DETOUR	
		W FRONTAGE RD, N OF 7 MILE RD	2114	5.00	7 MILE RD	
		27TH ST	2114	5.00	7 MILE RD	
		27TH ST	2114	5.00	7 MILE RD	
		27TH ST	2114	5.00	7 MILE RD	
		27TH ST	2114	5.00	7 MILE RD	
		RYAN RD	2114	5.00	7 MILE RD	
		RYAN RD	2114	5.00	7 MILE RD	
		H 94 SB, N OF RYAN RD	2114	5.00	7 MILE RD	
		H 94 SB, N OF RYAN RD	2114	5.00	7 MILE RD	
		H 94 SB, N OF RYAN RD	2114	5.00	7 MILE RD	

CATEGORY	STAGE	LOCATION	TRAFFIC SIGN TYPE	NO.	MESSAGE	COMMENT
1000	STAGE 4	2 MILE RD	2111	7.50	CLOSED	
		4 MILE RD	2115	49.50	7 MILE RD RAMP CLOSED USE HWY G	
		BELL RD	2111	7.50	CLOSED	
		CTH G	2111	7.50	CLOSED	
		6 1/2 MILE RD	2117	45.00	7 MILE RD RAMP CLOSED USE RYAN RD	
		IH 94 NB, S OF CTH G	2114	5.00	7 MILE RD	
		IH 94 NB, S OF CTH G	2114	5.00	7 MILE RD	
		IH 94 NB, S OF CTH G	2114	5.00	7 MILE RD	
		NB EXIT RAMP AT CTH G	2114	5.00	7 MILE RD	
		NB EXIT RAMP AT CTH G	2114	5.00	7 MILE RD	
		WB CTH G AT IH 94	2114	5.00	7 MILE RD	
		IH 94 NB, S OF CTH G	2114	5.00	7 MILE RD	
		CTH G AT E FRONTAGE RD	2114	5.00	7 MILE RD	
		CTH G AT W FRONTAGE RD	2114	5.00	7 MILE RD	
		E FRONTAGE RD, N OF CTH G	2114	5.00	7 MILE RD	
		E FRONTAGE RD, N OF CTH G	2114	5.00	7 MILE RD	
		W FRONTAGE RD, N OF 6 1/2 MILE RD	2114	5.00	7 MILE RD	
		S 13TH ST, S OF 7 1/2 MILE RD	2114	5.00	7 MILE RD	
		S 13TH ST, N OF OAKWOOD	2114	5.00	7 MILE RD	

701.25

\*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NO: 1035-01-74

HWY: IH 94/7 MILE ROAD

COUNTY: RACINE

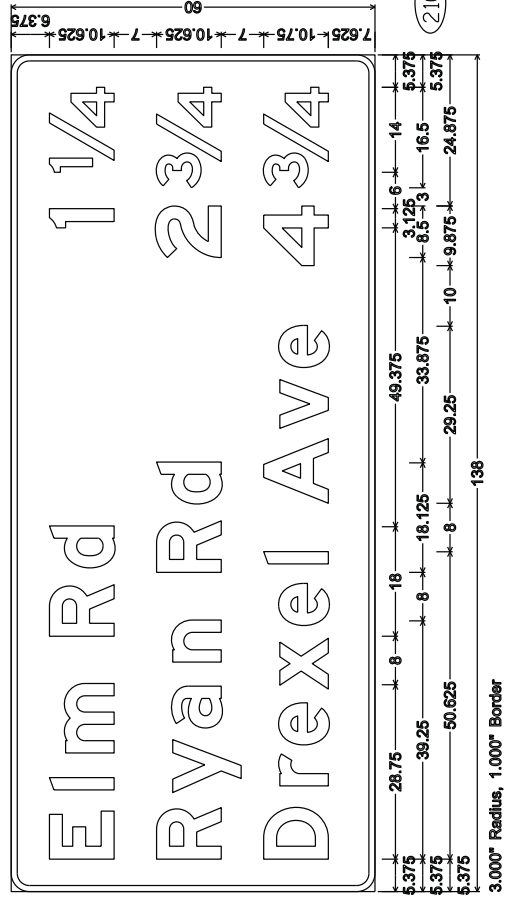
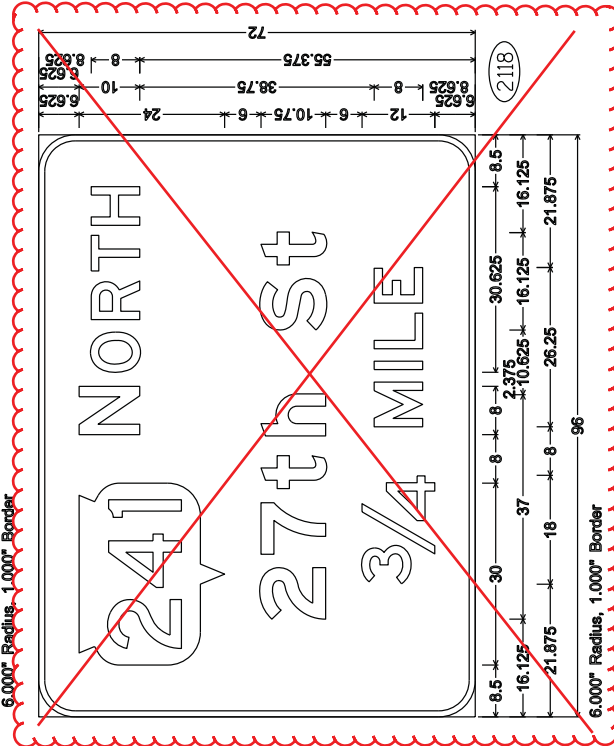
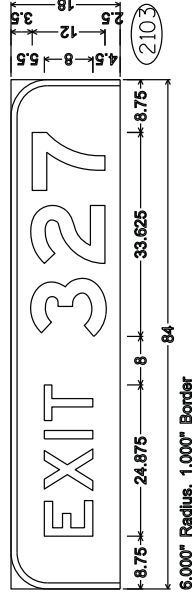
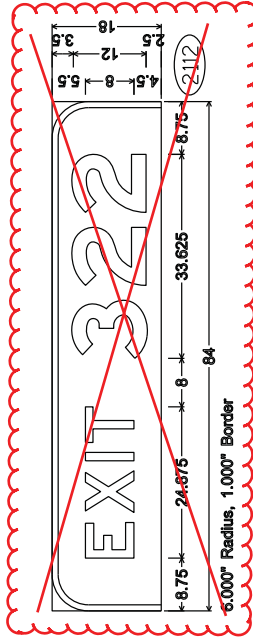
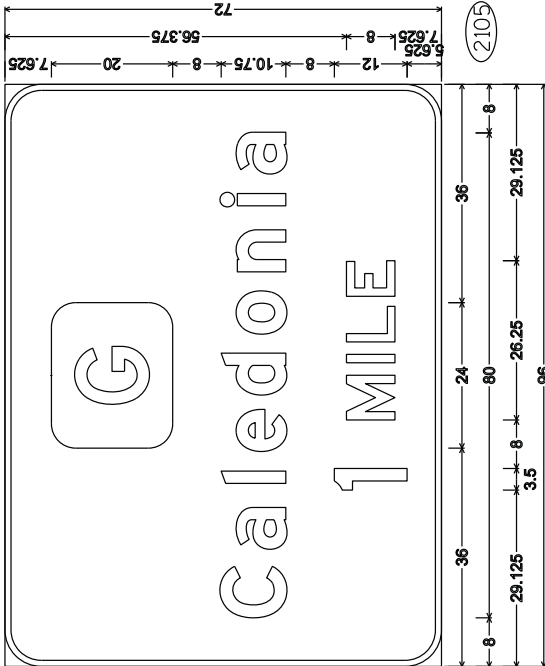
MISCELLANEOUS QUANTITIES

SHEET NO: 254

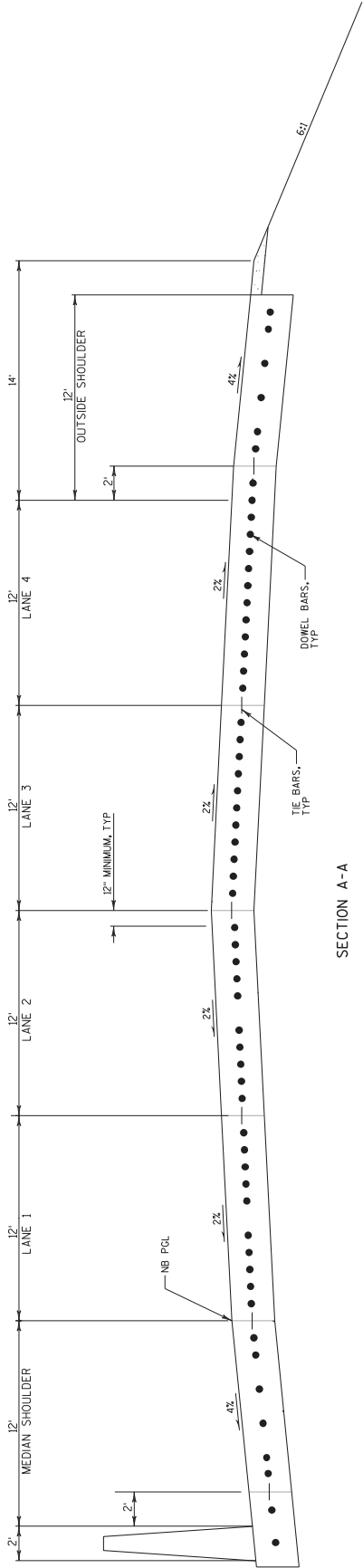
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NOTES

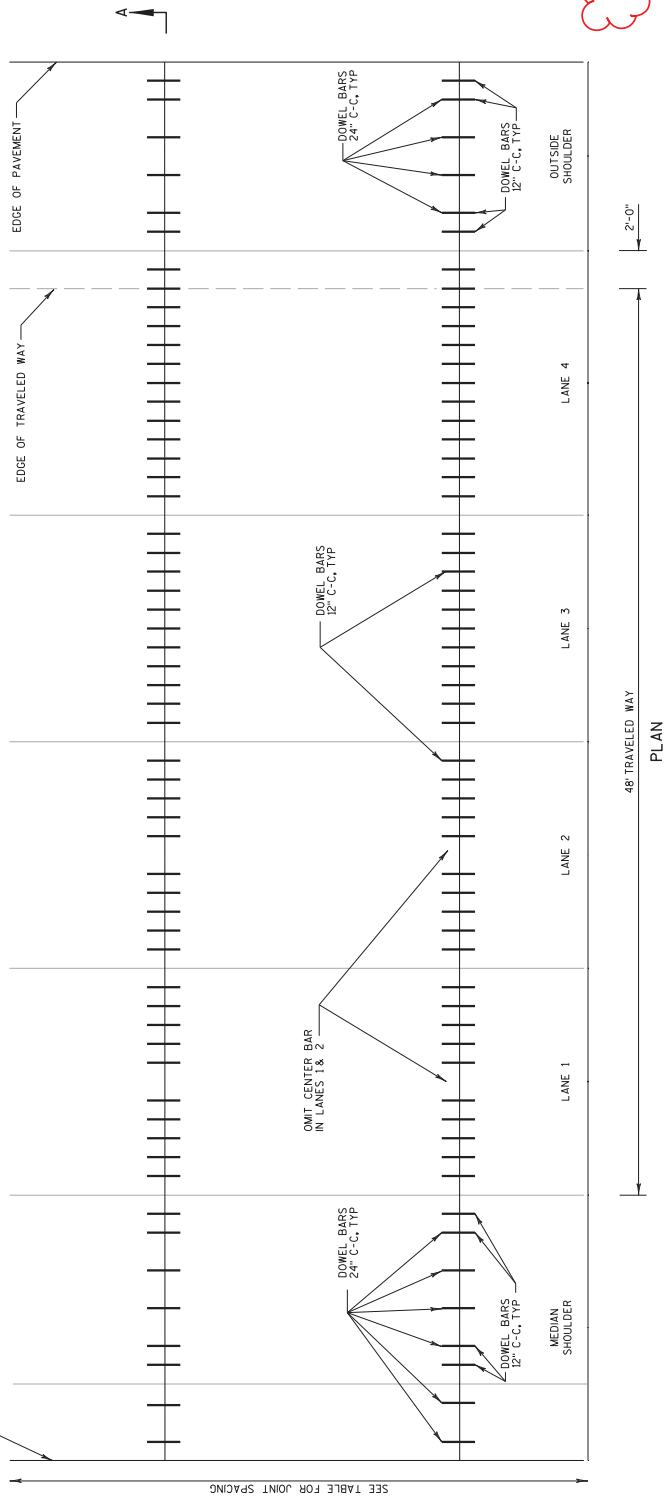
1. Fixed Message Type II Signs - Type H Reflective
2. Color:  
Background - Green  
Message - White
3. Message Series - E Modified except all CAP words Series E



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ID 1035-01-74  
Revised Sheet 407  
July 19, 2018



SECTION A-A



PLAN

Addendum No. 04  
 ID 1035-01-79  
 Revised Sheet 18  
 July 19, 2018

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

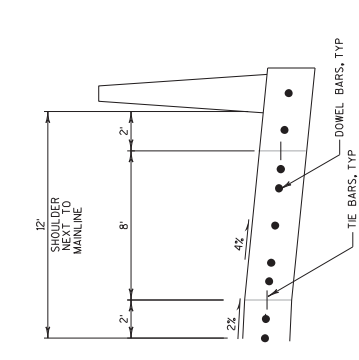
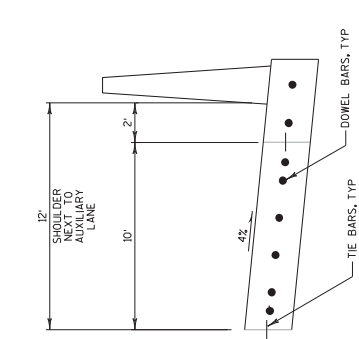
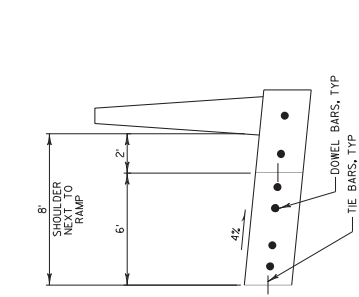
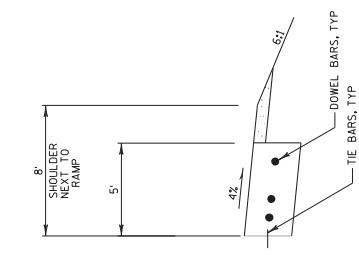
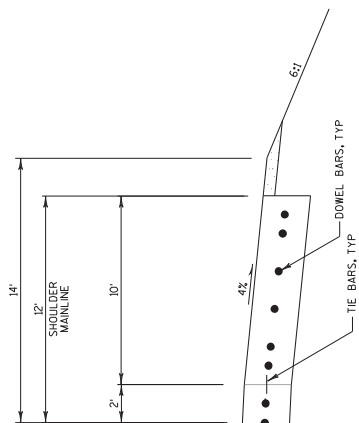
PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

NOTES

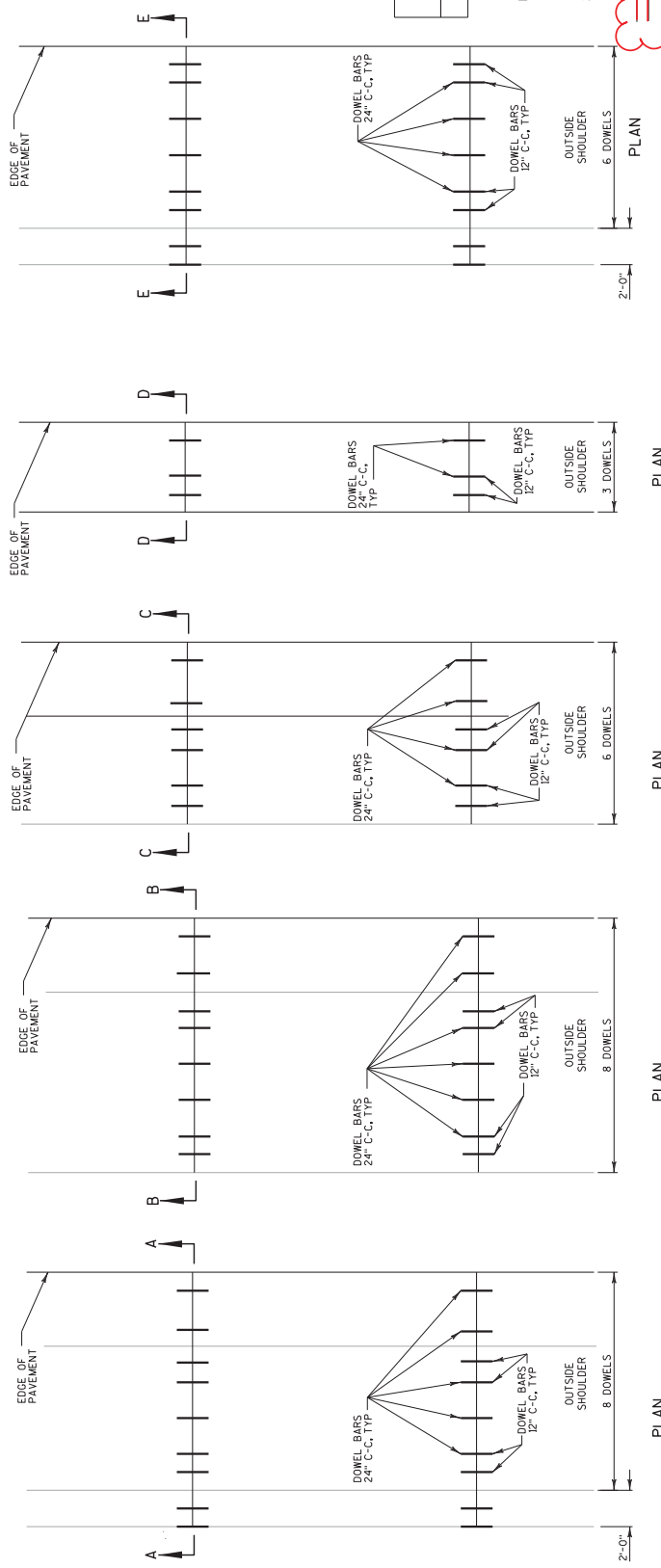
1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
2. LOCATE OUTERMOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 12 INCHES FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
3. TREAT SAVED SURFACES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH SLOTTED-SEAMANT.

100913

HPC PAVEMENT JOINT DETAIL



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 ID 1035-01-79  
 Revised Sheet 19  
 July 19, 2018

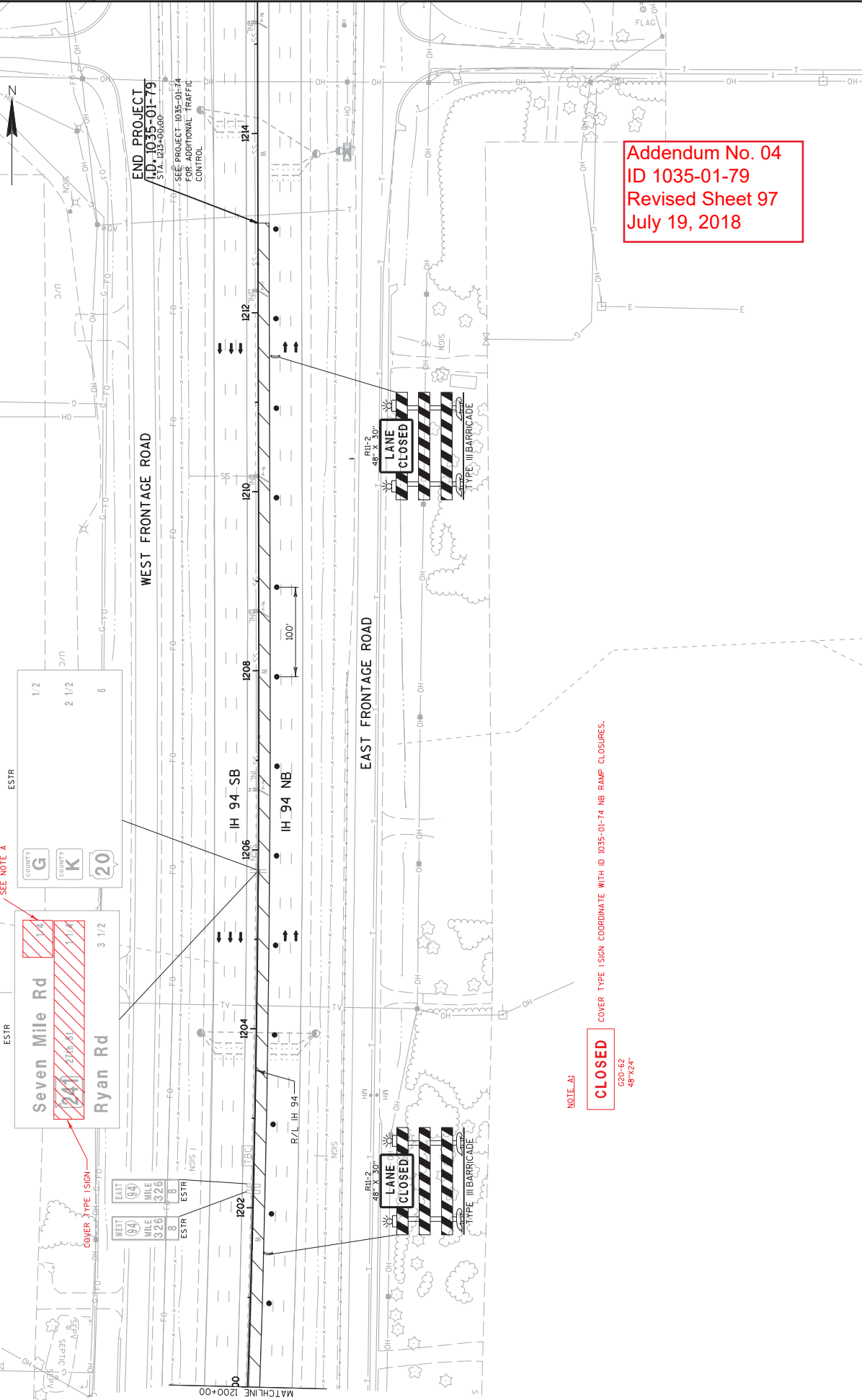


PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

- NOTES
- STANDARD DETAILS SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
  - LOCATE OUTERMOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS 2 INCHES FROM THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
  - TREAT SAWED SURFACES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH SILICONE SEALANT.

100813



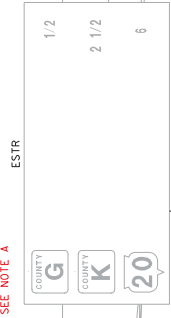
SEE NOTE A

COVER TYPE SIGN

Addendum No. 04  
 ID 1035-01-79  
 Revised Sheet 97  
 July 19, 2018

NOTE: 4:  
**CLOSED**  
 G20-62  
 48"x24"

COVER TYPE SIGN COORDINATE WITH ID 1035-01-74 NB RAMP CLOSURES.



ESTR

ESTR

ESTR

ESTR

ESTR

ESTR

ESTR

ESTR

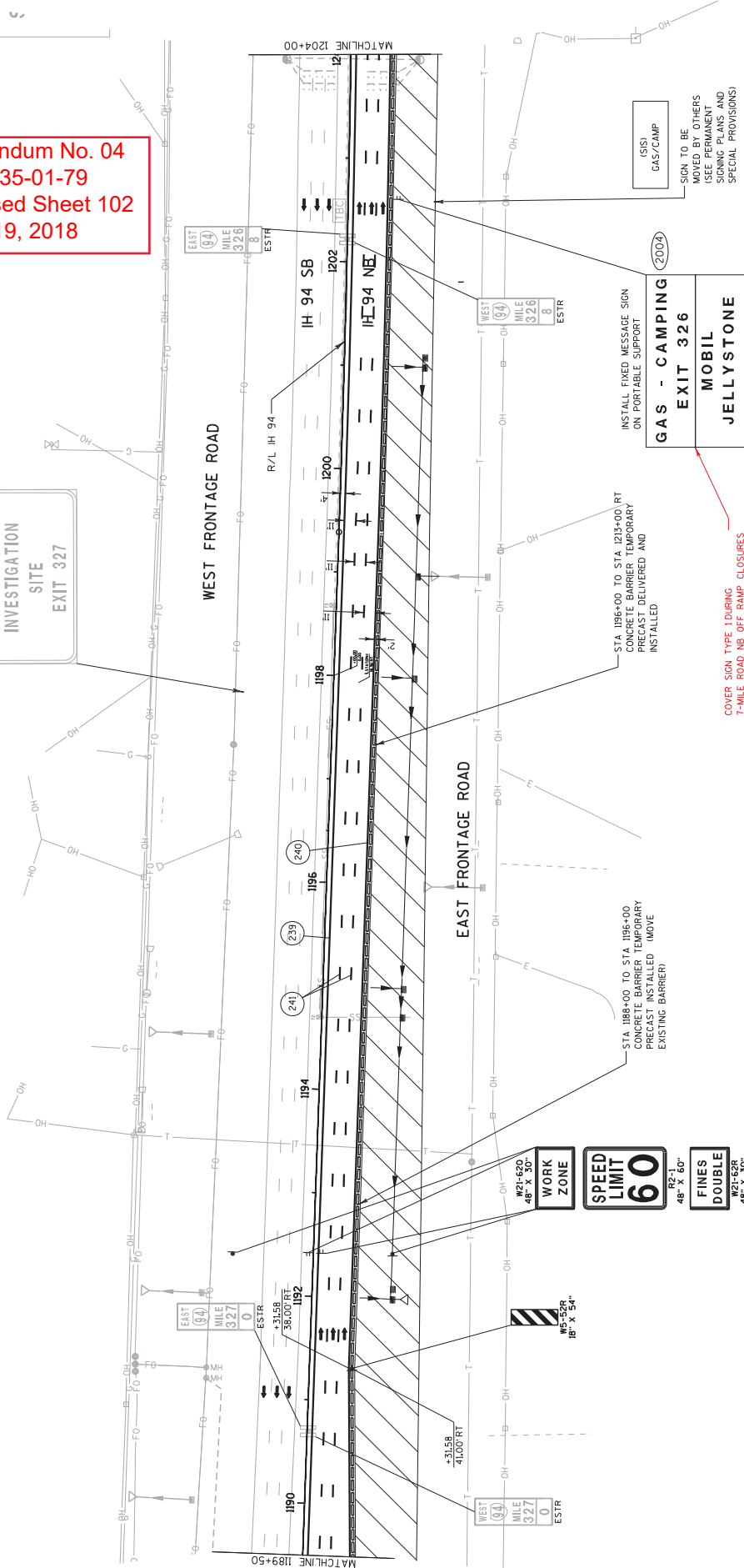
ESTR





Addendum No. 04  
 ID 1035-01-79  
 Revised Sheet 102  
 July 19, 2018

ESTR  
 CRASH  
 INVESTIGATION  
 SITE  
 EXIT 327

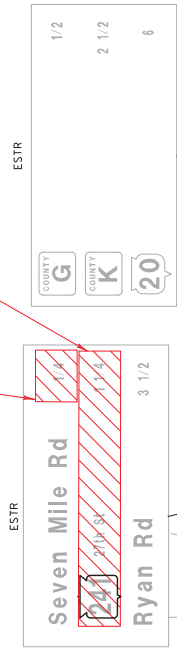




**CLOSED**  
620-62  
48'x24'

COVER TYPE SIGN COORDINATE WITH ID 1035-01-74 NB RAMP CLOSURES.

COVER TYPE SIGN REMAINS FROM PREVIOUS STAGE



END PROJECT  
ID 1035-01-79  
SEE PROJECT 1035-01-74  
FOR ADDITIONAL TRAFFIC  
CONTROL

6 1/2 MILE ROAD

WEST FRONTAGE ROAD

IH 94 SB  
1216

IH 94 NB  
1214

EAST FRONTAGE ROAD

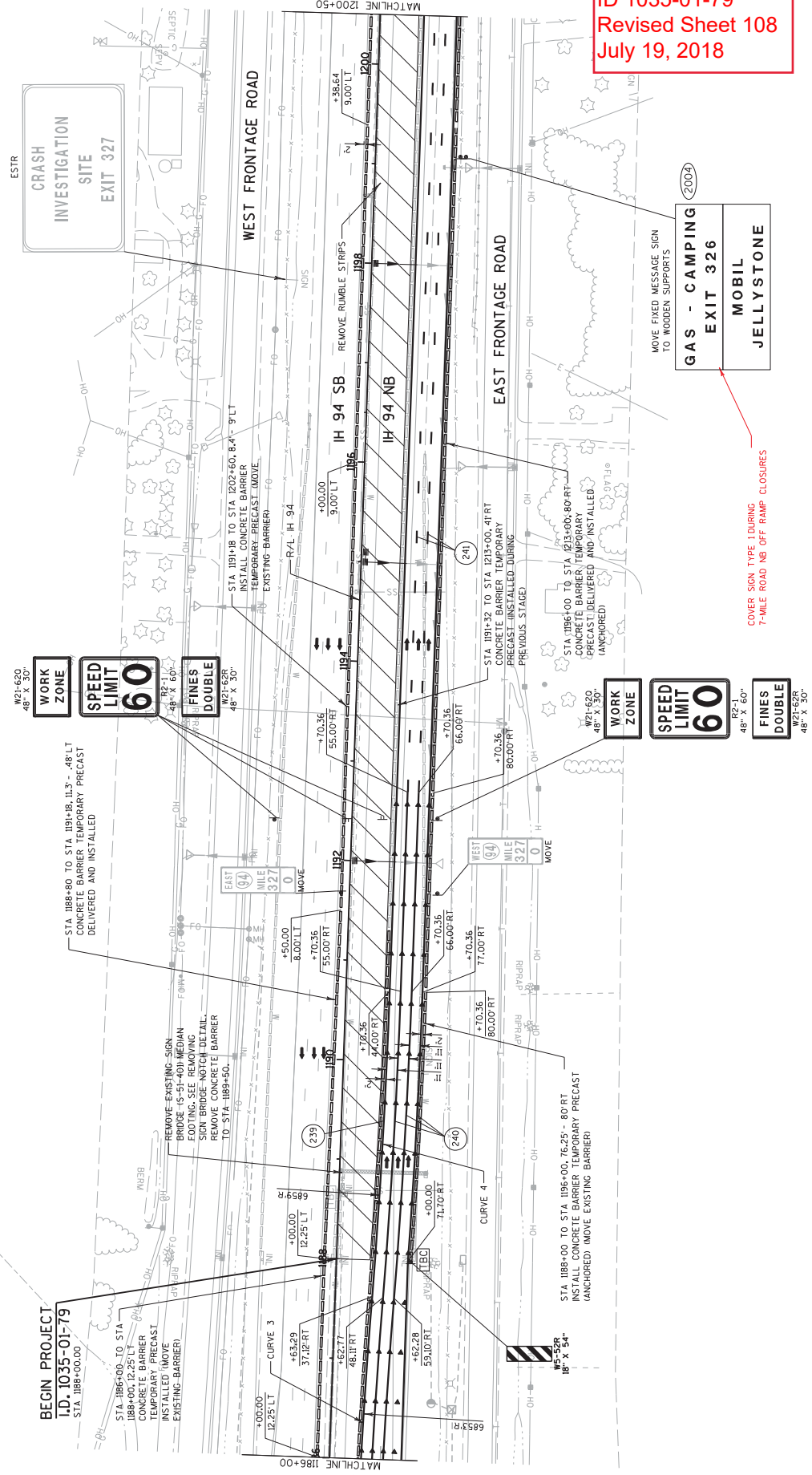
6 1/2 MILE ROAD

Addendum No. 04  
ID 1035-01-79  
Revised Sheet 103  
July 19, 2018



Addendum No. 04  
 ID 1035-01-79  
 Revised Sheet 108  
 July 19, 2018

CURV. NO.	PI COORDINATES		CURVE DATA				PC COORDINATES		PT COORDINATES			
	STATION	OFFSET	A	D	L	E	R	STATION	OFFSET	X	Y	
2	1175+62.2	78.25 RT	944332.48	216908.78	797178.59	1°38'36.65"	116.87	133.39	6.74	1885	1175+62.2	78.25 RT
3	1186+09.93	30.25 RT	944322.18	217871.73	293857.99	0°50'29.85"	153.49	106.93	1.72	6853	1186+09.93	30.25 RT
4	1189+16.74	44.00 RT	944346.78	218179.85	293857.99	0°50'29.21"	153.67	107.39	1.72	6859	1189+16.74	44.00 RT



MOVE FIXED MESSAGE SIGN TO WOODEN SUPPORTS

**GAS - CAMPING EXIT 326**

**MOBIL JELLYSTONE**

COVER SIGN TYPE I DURING 7-MILE ROAD NB OFF RAMP CLOSURES

W21-620 48" X 30"

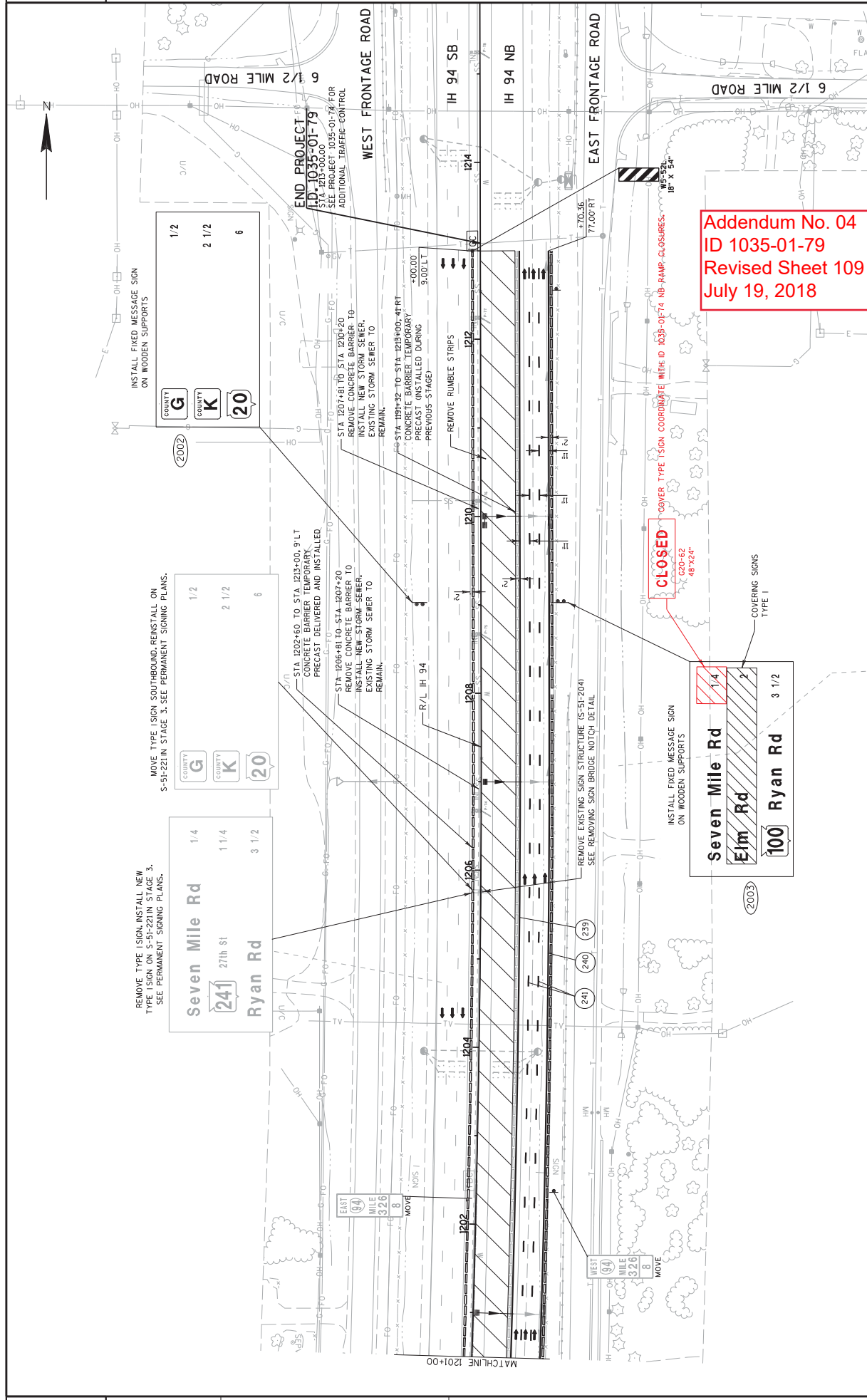
**WORK ZONE**

**SPEED LIMIT 60**

R2-1 48" X 60"

**FINES DOUBLE**

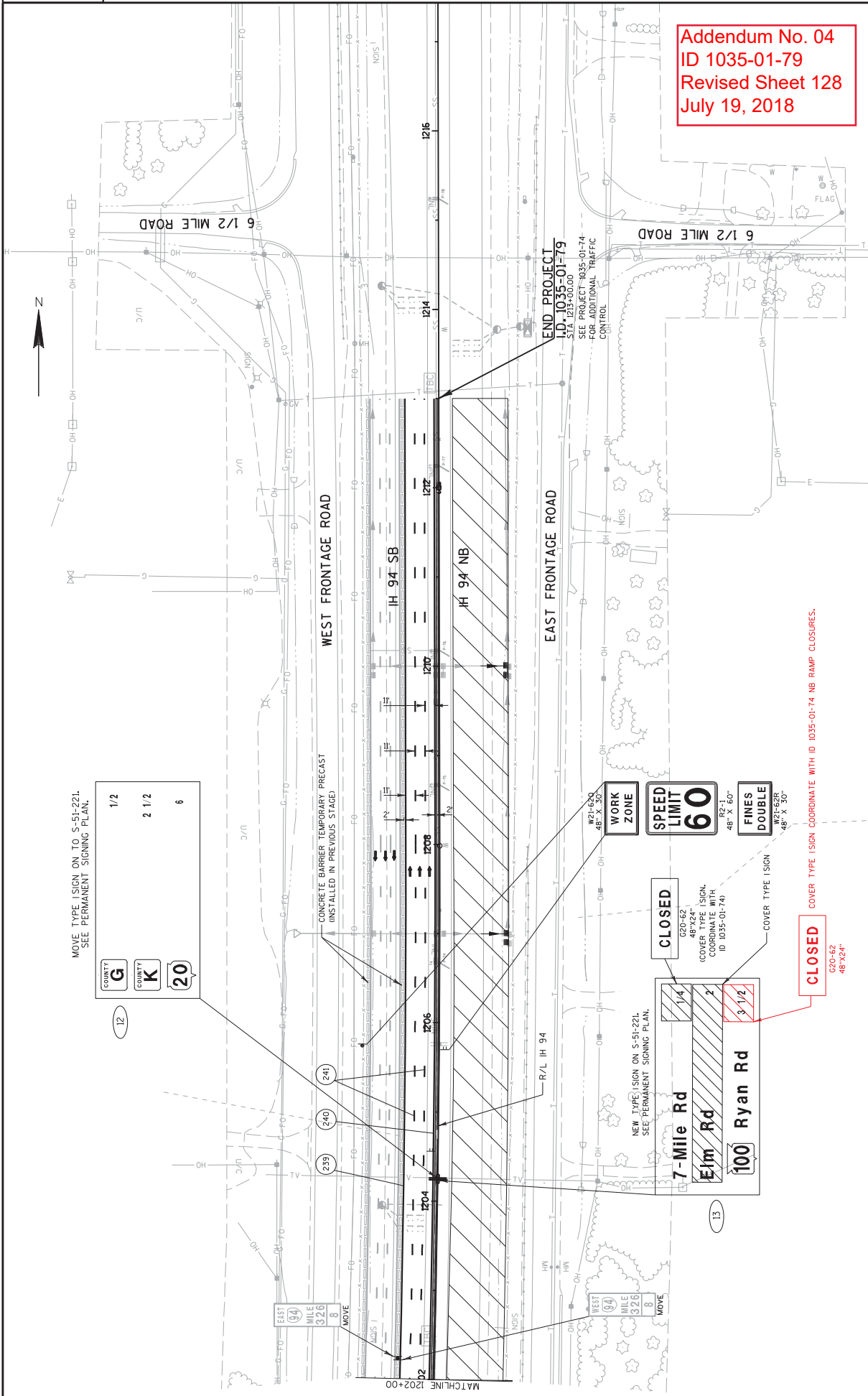
W21-62R 48" X 30"



Addendum No. 04  
 ID 1035-01-79  
 Revised Sheet 109  
 July 19, 2018



MOVE TYPE 1 SIGN ON TO S-51-221.  
SEE PERMANENT SIGNING PLAN.



Addendum No. 04  
 ID 1035-01-79  
 Revised Sheet 128  
 July 19, 2018

COVER TYPE 1 SIGN COORDINATE WITH ID 1035-01-74 NB RAMP CLOSURES.

Addendum No. 04  
ID 1035-01-79  
Revised Sheet 165  
July 19, 2018

**TRAFFIC CONTROL ITEMS**

CAT. STAGE	# SIGNS	TYPE I	TYPE II	# SIGNS # CYCLES	EACH	DAY	643.1055.S		643.4100.S		SPV.0060.0037		SPV.0045.0001		643.1100.S	
							TRAFFIC CONTROL COVERING	TRUCK OR MOUNTED ATTENUATOR	TRAFFIC CONTROL INTERIM LANE CLOSURE	TRAFFIC CONTROL CLOSE-OPEN FREEWAY	PORTABLE SPEED TRAILER	DYNAMIC LATE MERGE SYSTEM				
STAGE 1A	2	1	2													
STAGE 1B	3	1	3													
STAGE 1C	2	1	2													
STAGE 2											224					
STAGE 3																
STAGE 4	2	1	2								133					133
STAGE 5																189
INGRESS																
EGRESS																
UNDISTRIBUTED	4	1	4	10	1	10	30	100	100	20	20	364				328
<b>TOTAL</b>																

**DELINEATORS**

CATEGORY	IH 94 NB	STATION	LOCATION	633.0500		633.1000		COMMENTS
				DELINEATOR REFLECTORS	WHITE	YELLOW	DELINEATOR BRACKETS	
1000	IH 94 NB							
		1188+00 - 1213+00	INSIDE SHLDR		26		26	100' SPACING
		1188+00 - 1213+00	OUTSIDE SHLDR	26			26	100' SPACING
	IH 94 SB							
		1188+00 - 1213+00	INSIDE SHLDR		26		26	100' SPACING
		1188+00 - 1213+00	OUTSIDE SHLDR	26			26	100' SPACING
<b>TOTAL</b>					104		104	

**TRAFFIC CONTROL**

643.5000	TRAFFIC CONTROL	
	(1035-01-79)	
1000	PROJECT	0.05
	<b>TOTAL</b>	0.05

PROJECT NO: 1035-01-79

HWY: IH 94

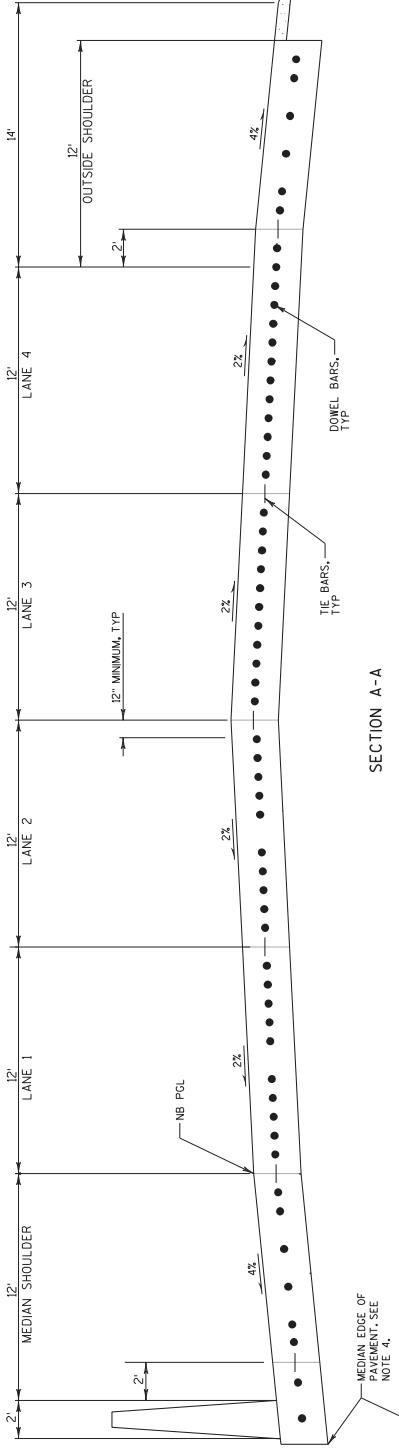
COUNTY: RACINE

MISCELLANEOUS QUANTITIES

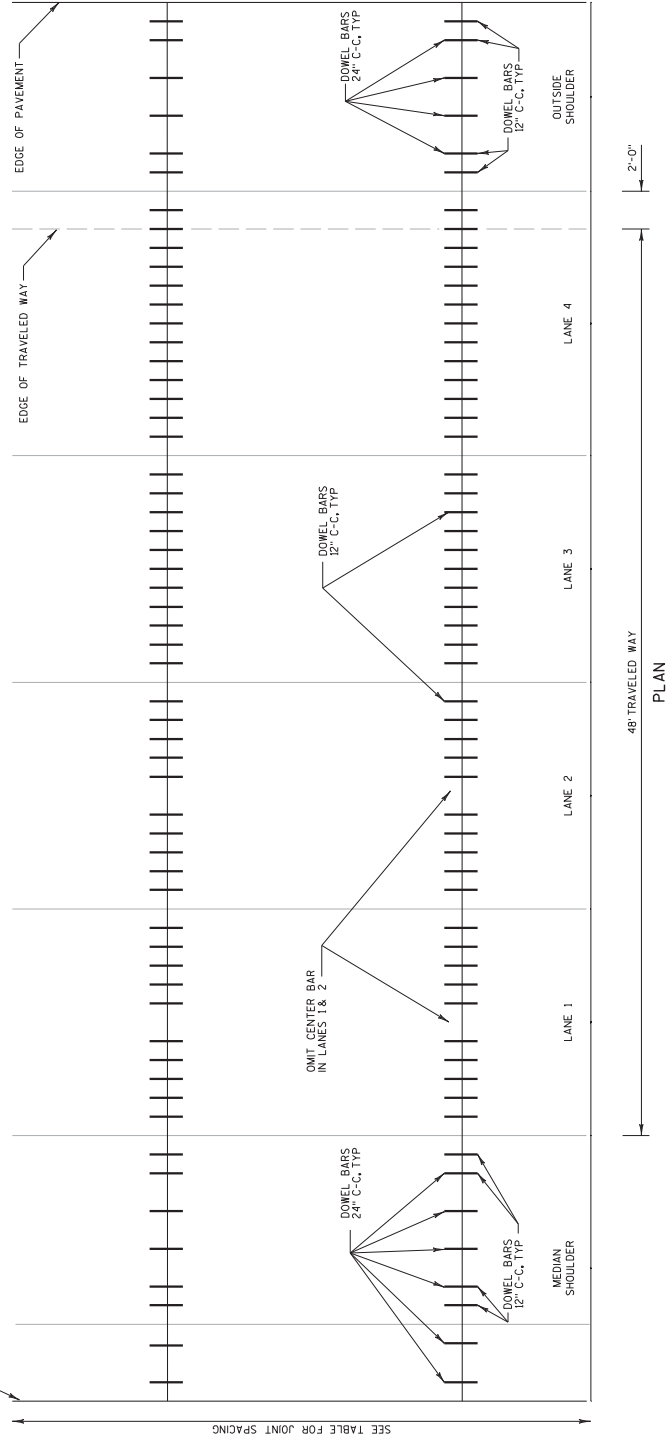
SHEET 165

E





SECTION A-A



PLAN

Addendum No. 04  
ID 1035-01-82  
Revised Sheet 19  
July 19, 2018

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
10" & ABOVE	1 1/2"	15'

NOTES

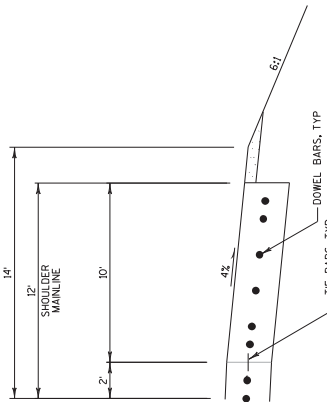
1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
2. LOCATE OUTERMOST DOWEL BAR SO THAT THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT OF PAVEMENT OR LONGITUDINAL JOINT
3. TREAT SAWED SURFACES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH FLARE SEALANT.
4. FOR OUTER SHOULDERS AND DOUBLE RUN IN MEDIAN CONCRETE PAD SHALL EXTEND 4" BEYOND THE OUTER FACE OF THE WALL FOR TANGENT SECTIONS AND ALONG INSIDE OF CURVES, EXTEND PAD 12" ALONG OUTSIDE OF CURVES.

100813

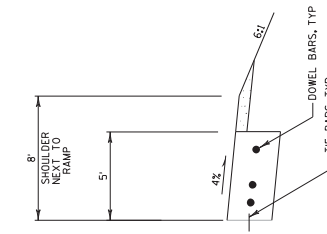
HPC PAVEMENT JOINT DETAIL



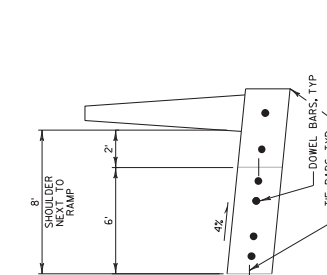
**Addendum No. 04**  
**ID 1035-01-82**  
**Revised Sheet 20**  
**July 19, 2018**



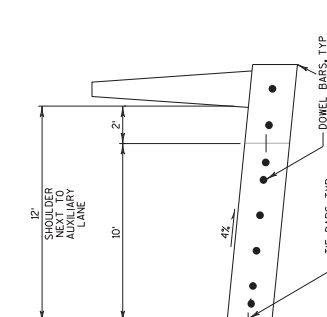
SECTION E-E



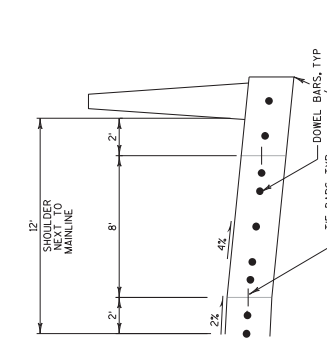
SECTION D-D



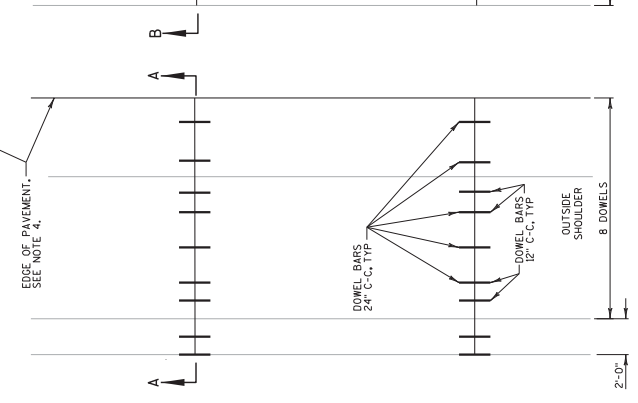
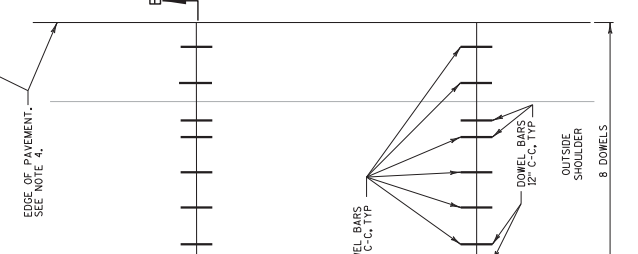
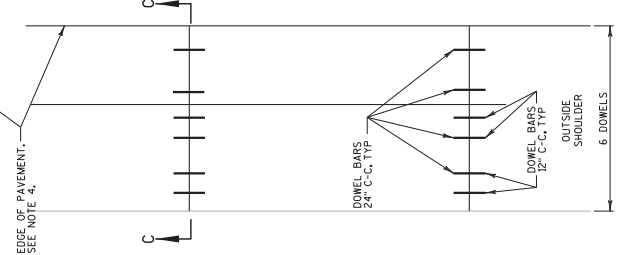
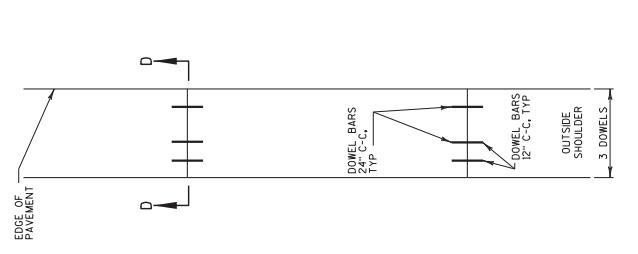
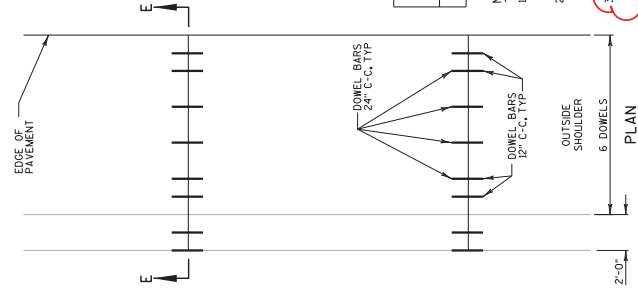
SECTION C-C



SECTION B-B



SECTION A-A

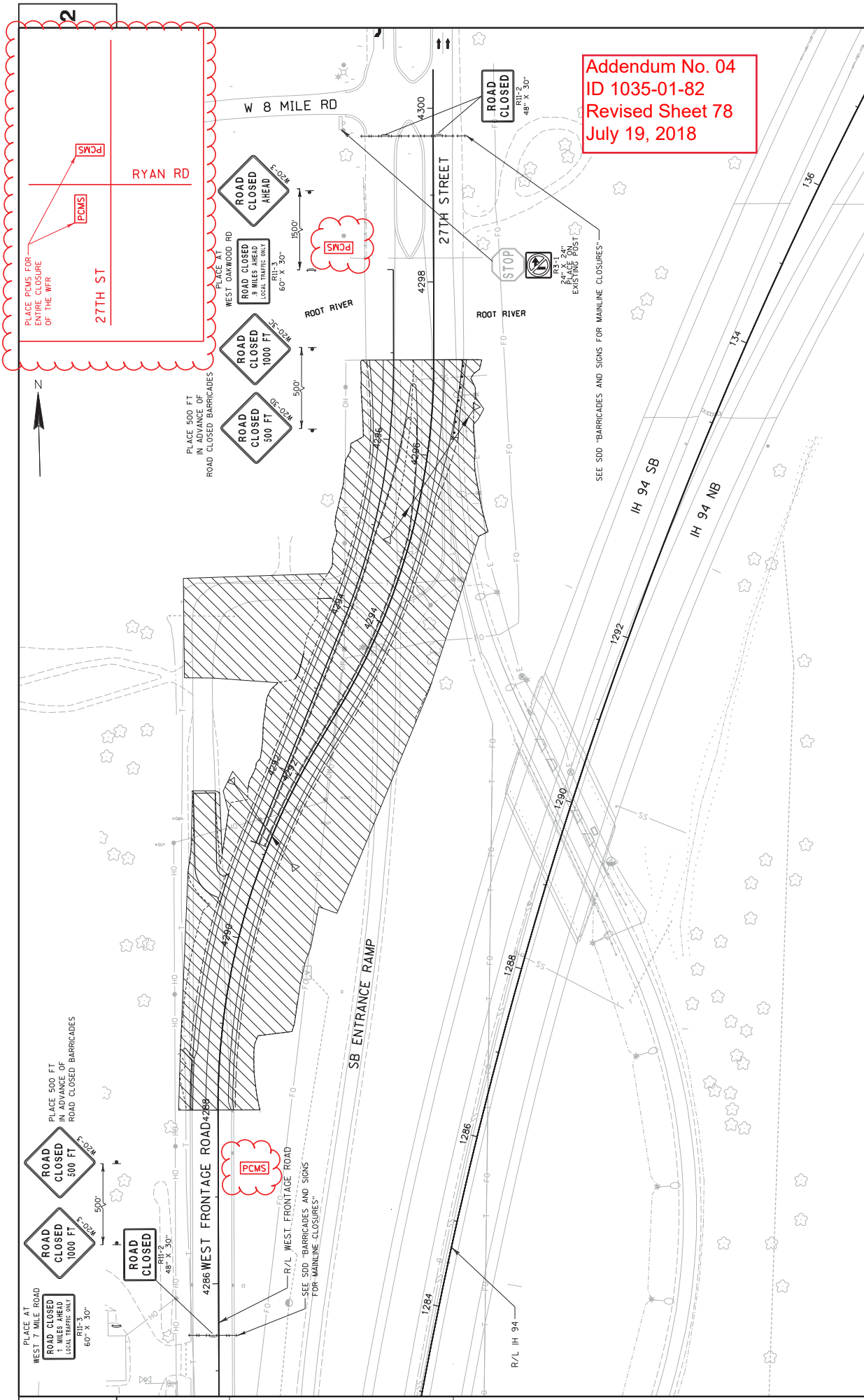


PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (ft)	DOWEL BAR DIAMETER (in)	CONTRACTION JOINT SPACING (ft)
10" & ABOVE	1 1/2"	15'

- NOTES
1. DETAILS NOT SHOWN SHALL CONFORM TO STANDARD DETAIL DRAWINGS.
  2. LOCATE OUTERMOST DOWEL BAR SO THAT THE EDGE OF PAVEMENT IS 4 INCHES BEHIND THE EDGE OF PAVEMENT OR LONGITUDINAL JOINT.
  3. ~~LOCATE SAWED SUBLAGES OF TRANSVERSE AND LONGITUDINAL JOINTS WITH THE SAME SECURITY.~~
  4. AT LOCATIONS OF BARRIER ALONG TANGENT ALIGNMENT, EDGE OF PAVEMENT IS 4 INCHES BEHIND BACK OF BARRIER. LOCATIONS OF BARRIER ALONG THE EDGE OF PAVEMENT AT CURVES AND GRADES SHOWN IN PLANS ARE TO BACK OF BARRIER.

HPC PAVEMENT JOINT DETAIL - SHOULDERS



2

2

Addendum No. 04  
 ID 1035-01-82  
 Revised Sheet 78  
 July 19, 2018

FREEWAY LIGHTING REMOVAL

SYSTEM	CATEGORY	1100	1100	1100	1100	1100	1100
		REMOVING CONCRETE BASES	REMOVING PULL BOXES	REMOVING LIGHTING UNITS	REMOVING DISTRIBUTION CENTER	REMOVING UNDERDECK LIGHTING SYSTEMS	
HL-51-RR	EXISTING LIGHT POLE	14	-	14	-	-	EACH
	EXISTING UDL	-	-	4	-	-	EACH
	DISTRIBUTION CENTER HL-51-RR	1	-	-	1	-	EACH
	EXISTING PULLBOX	-	3	-	-	-	EACH
	B-51-36	-	-	-	-	1	EACH
	B-51-37	-	-	-	-	1	EACH
	TOTAL	15	3	18	1	2	

\*ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE BARRIER TEMPORARY ITEMS

CATEGORY	STAGE	603,8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED	603,8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED	603,8505 ANCHORING CONCRETE BARRIER ON BRIDGE DECKS	614,0905 CPASH CUSHION TEMPORARY SCREEN	SPV 0090,0010 TEMPORARY GLARE SCREEN
1000	STAGE 1A	3,237	3,237	-	2	-
	STAGE 1B	2,486	5,728	151	1	-
	STAGE 1C	1,967	2,218	-	1	-
	STAGE 2	-	-	-	-	2,510
	STAGE 3	5,045	5,045	-	-	-
	STAGE 4	-	-	-	-	2,514
	STAGE 5	-	2,525	-	-	-
	TOTAL	12,735	18,763	151	4	5,024

\*\*\* TL-3 CRASH TEST CONDITION, 8" WIDTH OM-SR MARKING PATTERN

Addendum No. 04  
ID 1035-01-82  
Revised Sheet 133  
July 19, 2018

TRAFFIC CONTROL ITEMS

CATEGORY	STAGE	DURATION	STAGE DURATION	TRAFFIC CONTROL DRUMS	TRAFFIC CONTROL BARRICADES TYPE III	TRAFFIC CONTROL WARNING LIGHTS TYPE A	TRAFFIC CONTROL SIGNS POIS	MOVING SIGNS TYPE II	TRUCK OR TRAILER MOUNTED ATTENUATOR	TRAFFIC CONTROL INTERIM LANE CLOSURE	TRAFFIC CONTROL COVERING SIGNS TYPE II	
1000	STAGE 1A	24	130	3,120	24	516	48	1,152	26	624	4	-
	STAGE 1B	42	-	-	3	126	6	252	8	336	4	-
	STAGE 1C	30	-	-	-	-	6	180	3	-	-	-
	STAGE 2	224	-	-	10	1,120	20	2,240	12	1,456	4	-
	STAGE 3	35	-	-	-	-	6	60	4	-	-	-
	STAGE 4	133	-	-	10	1,330	20	2,660	8	449	3	-
	STAGE 5	112	-	-	-	-	6	672	3	-	-	-
	UNDISTRIBUTED	-	-	310	318	631	7	378	5	100	3	15
	TOTAL	-	-	3,430	3,470	6,935	83	4,155	30	50	100	15

\*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NO: 1035-01-82

HWY: IH 94

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 133

WISDOT/CADD SHEET 43

FILE NAME : Z:\Rec\Ine\CADD\5222M\Q5\030201.mxd

PLOT DATE : 6/14/2018

PLOT BY : cks

PLOT NAME :

PLOT SCALE : 1:1200



Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**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	370.000 STA	_____.	_____.
0004	201.0115 Clearing	1.100 ACRE	_____.	_____.
0006	201.0120 Clearing	66.000 ID	_____.	_____.
0008	201.0205 Grubbing	370.000 STA	_____.	_____.
0010	201.0215 Grubbing	1.100 ACRE	_____.	_____.
0012	201.0220 Grubbing	66.000 ID	_____.	_____.
0014	203.0100 Removing Small Pipe Culverts	35.000 EACH	_____.	_____.
0016	203.0200 Removing Old Structure (station) 0001. 1241+81 LT	LS	LUMP SUM	_____.
0018	203.0200 Removing Old Structure (station) 0002. 1241+81 RT	LS	LUMP SUM	_____.
0020	203.0200 Removing Old Structure (station) 0003. 1289+64 LT	LS	LUMP SUM	_____.
0022	203.0200 Removing Old Structure (station) 0004. 1289+64 RT	LS	LUMP SUM	_____.
0024	203.0200 Removing Old Structure (station) 0005. 195+15	LS	LUMP SUM	_____.
0026	203.0200 Removing Old Structure (station) 0006. 195+15	LS	LUMP SUM	_____.
0028	203.0200 Removing Old Structure (station) 0007. 195+20	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items 0030 through 0052 with descriptions like 'Removing Old Structure (station) 0010. 339+94' and 'Abatement of Asbestos Containing Material (structure) 0005. B-40-221'.



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0054	203.0700.S Removing Old Structure Over Waterway With Debris Capture System (station) 0002. 134+36 SB	LS	LUMP SUM	_____.
0056	203.0700.S Removing Old Structure Over Waterway With Debris Capture System (station) 0003. 236+40	LS	LUMP SUM	_____.
0058	203.0700.S Removing Old Structure Over Waterway With Debris Capture System (station) 0004. 236+60	LS	LUMP SUM	_____.
0060	204.0100 Removing Pavement **P**	462,130.000 SY	_____.	_____.
0062	204.0105 Removing Pavement Butt Joints	56.000 SY	_____.	_____.
0064	204.0109.S Removing Concrete Surface Partial Depth **P**	97,637.000 SF	_____.	_____.
0066	204.0110 Removing Asphaltic Surface **P**	44,196.000 SY	_____.	_____.
0068	204.0115 Removing Asphaltic Surface Butt Joints	1,653.000 SY	_____.	_____.
0070	204.0120 Removing Asphaltic Surface Milling **P**	10,967.000 SY	_____.	_____.
0072	204.0150 Removing Curb & Gutter	153.000 LF	_____.	_____.
0074	204.0150 Removing Curb & Gutter **P**	1,563.000 LF	_____.	_____.
0076	204.0155 Removing Concrete Sidewalk	61.000 SY	_____.	_____.
0078	204.0157 Removing Concrete Barrier **P**	60,243.000 LF	_____.	_____.
0080	204.0165 Removing Guardrail **P**	5,089.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Removing Fence, Removing Delineators and Markers, Removing Concrete Bases, Removing Manholes, Removing Inlets, and various sizes of Removing Storm Sewer.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like 'Removing Storm Sewer (size) 0014. 42-Inch', 'Sealing Pipes', 'Abandoning Sewer', etc.





Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001                      Contract Items

**Alt Set ID:**    **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0136	204.9060.S Removing (item description) 2030. On-Ramp Closure Gate	2.000 EACH	_____.	_____.
0138	204.9060.S Removing (item description) 2032. Advance Warning Sign Assembly	3.000 EACH	_____.	_____.
0140	204.9060.S Removing (item description) 2034. Overhead Freeway DMS	1.000 EACH	_____.	_____.
0142	204.9060.S Removing (item description) 2040. Electrical Service Meter Breaker Pedestal	3.000 EACH	_____.	_____.
0144	204.9060.S Removing (item description) 2050. Temporary Vehicle Detector Assembly	3.000 EACH	_____.	_____.
0146	204.9060.S Removing (item description) 2070. Temporary Traffic Camera Assembly	1.000 EACH	_____.	_____.
0148	204.9090.S Removing (item description) 0002. Underdrain	133,123.000 LF	_____.	_____.
0150	204.9090.S Removing (item description) 0003. Drain Tile	700.000 LF	_____.	_____.
0152	204.9090.S Removing (item description) 0010. Concrete Barrier Temporary	1,650.000 LF	_____.	_____.
0154	204.9105.S Removing (item description) 0002. Old Sign Structure S-40-207	LS	LUMP SUM	_____.
0156	204.9105.S Removing (item description) 0003. Old Sign Structure S-40-342	LS	LUMP SUM	_____.
0158	204.9105.S Removing (item description) 0004. Old Sign Structure S-40-343	LS	LUMP SUM	_____.



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	204.9105.S Removing (item description) 0006. Old Sign Structure S-51-204	LS	LUMP SUM	_____.
0162	204.9105.S Removing (item description) 0007. Old Sign Structure S-51-206	LS	LUMP SUM	_____.
0164	204.9105.S Removing (item description) 0008. Old Sign Structure S-51-401	LS	LUMP SUM	_____.
0166	204.9105.S Removing (item description) 0009. Old Sign Structure S-51-205	LS	LUMP SUM	_____.
0168	205.0100 Excavation Common **P**	1,120,676.000 CY	_____.	_____.
0170	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	163.000 TON	_____.	_____.
0172	205.3000.S Temporary Emergency Pullouts	4.000 EACH	_____.	_____.
0174	206.1000 Excavation for Structures Bridges (structure) 4139. B-51-139	LS	LUMP SUM	_____.
0176	206.1000 Excavation for Structures Bridges (structure) 4140. B-51-140	LS	LUMP SUM	_____.
0178	206.1000 Excavation for Structures Bridges (structure) 4800. B-40-800	LS	LUMP SUM	_____.
0180	206.1000 Excavation for Structures Bridges (structure) 4801. B-40-801	LS	LUMP SUM	_____.
0182	206.1000 Excavation for Structures Bridges (structure) 4802. B-40-802	LS	LUMP SUM	_____.
0184	206.1000 Excavation for Structures Bridges (structure) 4803. B-40-803	LS	LUMP SUM	_____.





Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001                      Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0214	213.0100 Finishing Roadway (project) 0008. 1035-01-72	1.000 EACH	_____.	_____.
0216	213.0100 Finishing Roadway (project) 0010. 1035-01-74	1.000 EACH	_____.	_____.
0218	213.0100 Finishing Roadway (project) 0012. 1035-01-79	1.000 EACH	_____.	_____.
0220	214.0100 Obliterating Old Road	32.000 STA	_____.	_____.
0222	305.0115 Base Aggregate Dense 3/4-Inch **P**	13,748.000 CY	_____.	_____.
0224	305.0125 Base Aggregate Dense 1 1/4-Inch **P**	219,644.000 CY	_____.	_____.
0226	305.0500 Shaping Shoulders	18.000 STA	_____.	_____.
0228	312.0115 Select Crushed Material **P**	367,694.600 CY	_____.	_____.
0230	390.0203 Base Patching Asphaltic	1,355.000 SY	_____.	_____.
0232	415.0075 Concrete Pavement 7 1/2-Inch **P**	11,700.000 SY	_____.	_____.
0234	415.0080 Concrete Pavement 8-Inch **P**	13,355.000 SY	_____.	_____.
0236	415.0090 Concrete Pavement 9-Inch **P**	34,894.000 SY	_____.	_____.
0238	415.0105 Concrete Pavement 10 1/2-Inch **P**	414.000 SY	_____.	_____.
0240	415.0120 Concrete Pavement 12-Inch **P**	2,914.000 SY	_____.	_____.
0242	415.0410 Concrete Pavement Approach Slab **P**	3,433.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Concrete Pavement HES 8-Inch, Concrete Pavement HES 12-Inch, Concrete Pavement Approach Slab HES, Concrete Pavement Joint Filling, and Concrete Pavement Joint Layouts.



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0272	416.1110 Concrete Shoulder Rumble Strips **P**	40,025.000 LF	_____.	_____.
0274	416.1710 Concrete Pavement Repair	6,270.000 SY	_____.	_____.
0276	416.1715 Concrete Pavement Repair SHES	3,194.000 SY	_____.	_____.
0278	416.1720 Concrete Pavement Replacement	3,330.000 SY	_____.	_____.
0280	440.4410 Incentive IRI Ride	161,573.000 DOL	1.00000	161,573.00
0282	450.1100.S Asphaltic Mixture For Extreme Conditions	4,440.000 TON	_____.	_____.
0284	450.4000 HMA Cold Weather Paving	18,432.000 TON	_____.	_____.
0286	455.0605 Tack Coat	38,400.000 GAL	_____.	_____.
0288	460.2000 Incentive Density HMA Pavement	2,620.000 DOL	1.00000	2,620.00
0290	460.5223 HMA Pavement 3 LT 58-28 S	1,074.000 TON	_____.	_____.
0292	460.5224 HMA Pavement 4 LT 58-28 S	744.000 TON	_____.	_____.
0294	460.6223 HMA Pavement 3 MT 58-28 S	1,418.000 TON	_____.	_____.
0296	460.6224 HMA Pavement 4 MT 58-28 S	735.000 TON	_____.	_____.
0298	460.6424 HMA Pavement 4 MT 58-28 H	12,405.000 TON	_____.	_____.
0300	460.7223 HMA Pavement 3 HT 58-28 S	52,958.000 TON	_____.	_____.
0302	460.7424 HMA Pavement 4 HT 58-28 H	22,558.000 TON	_____.	_____.



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0304	460.8624 HMA Pavement 4 SMA 58-28 V	275.000 TON	_____.	_____.
0306	465.0120 Asphaltic Surface Driveways and Field Entrances	76.000 TON	_____.	_____.
0308	465.0125 Asphaltic Surface Temporary	1,255.000 TON	_____.	_____.
0310	465.0315 Asphaltic Flumes	59.000 SY	_____.	_____.
0312	495.1000.S Cold patch	150.000 TON	_____.	_____.
0314	501.1000.S Ice Hot Weather Concreting	65,469.000 LB	_____.	_____.
0316	502.0100 Concrete Masonry Bridges **P**	4,198.000 CY	_____.	_____.
0318	502.3200 Protective Surface Treatment **P**	18,421.000 SY	_____.	_____.
0320	502.3210 Pigmented Surface Sealer	1,849.000 SY	_____.	_____.
0322	503.0146 Prestressed Girder Type I 45W-Inch **P**	8,651.000 LF	_____.	_____.
0324	503.0155 Prestressed Girder Type I 54W-Inch **P**	3,078.000 LF	_____.	_____.
0326	504.0500 Concrete Masonry Retaining Walls **P**	65.000 CY	_____.	_____.
0328	505.0400 Bar Steel Reinforcement HS Structures	37,420.000 LB	_____.	_____.
0330	505.0600 Bar Steel Reinforcement HS Coated Structures	1,975,490.000 LB	_____.	_____.
0332	505.0800.S Bar Steel Reinforcement HS Stainless Structures	17,830.000 LB	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Bearing Pads Elastomeric Non-Laminated, Steel Diaphragms (structure) 0001, 0002, 4010, 4020, 4030, and Temporary Shoring (structure) 0001, 0002, 4020, 4030, 4040, 0001, 0002.





Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Temporary Shoring, Rubberized Membrane Waterproofing, and Concrete Staining.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items 0386 through 0410, all for Concrete Staining (structure).



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Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items 0412 through 0436 with descriptions like Concrete Staining and Architectural Surface Treatment.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0438	520.8000 Concrete Collars for Pipe	6.000 EACH	_____.	_____.
0440	520.8700 Cleaning Culvert Pipes	2.000 EACH	_____.	_____.
0442	521.2005.S Surface Drain Pipe Corrugated Metal Slotted (inch) 0001. 12-inch	7,088.000 LF	_____.	_____.
0444	522.0112 Culvert Pipe Reinforced Concrete Class III 12-Inch	16.000 LF	_____.	_____.
0446	522.0118 Culvert Pipe Reinforced Concrete Class III 18-Inch	22.000 LF	_____.	_____.
0448	522.0124 Culvert Pipe Reinforced Concrete Class III 24-Inch	92.000 LF	_____.	_____.
0450	522.0130 Culvert Pipe Reinforced Concrete Class III 30-Inch	16.000 LF	_____.	_____.
0454	522.0154 Culvert Pipe Reinforced Concrete Class III 54-Inch	208.000 LF	_____.	_____.
0456	522.0172 Culvert Pipe Reinforced Concrete Class III 72-Inch	208.000 LF	_____.	_____.
0458	522.0448 Culvert Pipe Reinforced Concrete Class IV 48-Inch	351.000 LF	_____.	_____.
0460	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	5.000 EACH	_____.	_____.
0462	522.1015 Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	2.000 EACH	_____.	_____.
0464	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	18.000 EACH	_____.	_____.



Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001                      Contract Items

**Alt Set ID:**    **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0466	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	51.000 EACH	_____.	_____.
0468	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	11.000 EACH	_____.	_____.
0470	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	7.000 EACH	_____.	_____.
0472	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	4.000 EACH	_____.	_____.
0474	522.1048 Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	2.000 EACH	_____.	_____.
0476	522.1054 Apron Endwalls for Culvert Pipe Reinforced Concrete 54-Inch	2.000 EACH	_____.	_____.
0478	522.2319 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	291.000 LF	_____.	_____.
0482	522.2614 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	3.000 EACH	_____.	_____.
0484	522.2619 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	9.000 EACH	_____.	_____.
0486	522.2629 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	4.000 EACH	_____.	_____.
0488	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0001. N-40-55 **p**	17,320.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Noise Barriers, Pile Redriving, Piling Steel HP, Piling CIP Concrete, Concrete Curb, and Concrete Sidewalk.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Curb Ramp Detectable Warning Field Yellow, Concrete Barrier Type S42, S56, S42A, S42C, S56, F42SF to S42, S42 to S56, Temporary Precast Delivered, Temporary Precast Installed, Anchoring Concrete Barrier on Bridge Decks, Slope Paving Concrete, Riprap Medium, Riprap Heavy.



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0544	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	248.000 LF	_____.	_____.
0546	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	786.000 LF	_____.	_____.
0548	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	290.000 LF	_____.	_____.
0550	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	6,142.000 LF	_____.	_____.
0552	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	1,441.000 LF	_____.	_____.
0554	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	527.000 LF	_____.	_____.
0556	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	120.000 LF	_____.	_____.
0558	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	276.000 LF	_____.	_____.
0560	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	3,106.000 LF	_____.	_____.
0562	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	2,704.000 LF	_____.	_____.
0564	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	25,123.000 LF	_____.	_____.
0566	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	2,984.000 LF	_____.	_____.
0568	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	1,008.000 LF	_____.	_____.





Proposal Schedule of Items

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**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0570	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	541.000 LF	_____.	_____.
0572	608.0512 Storm Sewer Pipe Reinforced Concrete Class V 12-Inch	1,200.000 LF	_____.	_____.
0574	608.0515 Storm Sewer Pipe Reinforced Concrete Class V 15-Inch	164.000 LF	_____.	_____.
0576	608.0518 Storm Sewer Pipe Reinforced Concrete Class V 18-Inch	794.000 LF	_____.	_____.
0578	608.0524 Storm Sewer Pipe Reinforced Concrete Class V 24-Inch	761.000 LF	_____.	_____.
0580	608.2414 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	630.000 LF	_____.	_____.
0582	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	2,229.000 LF	_____.	_____.
0584	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	97.000 LF	_____.	_____.
0586	611.0420 Reconstructing Manholes	41.000 EACH	_____.	_____.
0588	611.0430 Reconstructing Inlets	12.000 EACH	_____.	_____.
0590	611.0530 Manhole Covers Type J	29.000 EACH	_____.	_____.
0592	611.0535 Manhole Covers Type J-Special	26.000 EACH	_____.	_____.
0594	611.0610 Inlet Covers Type BW	171.000 EACH	_____.	_____.



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Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Inlet Covers Type HM, Inlet Covers Type HM-S, Inlet Covers Type MS, Inlet Covers Type V, Inlet Covers Type WM, Manholes 4-FT Diameter, Manholes 5-FT Diameter, Manholes 6-FT Diameter, Manholes 7-FT Diameter, Manholes 8-FT Diameter, Inlets 3-FT Diameter, Inlets 4-FT Diameter, Inlets 2x2.5-FT, Inlets 2x3-FT, Inlets 2.5x3-FT, and Inlets Median 1 Grate.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Inlets Median 2 Grate, Inlets Median 3 Grate, Adjusting Manhole Covers, etc.



Proposal Schedule of Items

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Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Crash Cushions Permanent Low Maintenance, Salvaged Rail, MGS Guardrail 3, etc.



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Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Maintenance And Repair of Haul Roads, Mobilization, Concrete Median Sloped Nose, Dust Control Surface Treatment, Water, Topsoil, Salvaged Topsoil, Mulching, Erosion Bales, Silt Fence, Silt Fence Maintenance, Mobilizations Erosion Control, Mobilizations Emergency Erosion Control, and Erosion Mat Class I Type A.



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Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0718	628.2004 Erosion Mat Class I Type B	508,952.000 SY	_____.	_____.
0720	628.2006 Erosion Mat Urban Class I Type A	10,200.000 SY	_____.	_____.
0722	628.2008 Erosion Mat Urban Class I Type B	90,013.000 SY	_____.	_____.
0724	628.6005 Turbidity Barriers	934.000 SY	_____.	_____.
0726	628.6505 Soil Stabilizer Type A	2.200 ACRE	_____.	_____.
0728	628.6510 Soil Stabilizer Type B	29.100 ACRE	_____.	_____.
0730	628.7005 Inlet Protection Type A	798.000 EACH	_____.	_____.
0732	628.7010 Inlet Protection Type B	6.000 EACH	_____.	_____.
0734	628.7015 Inlet Protection Type C	69.000 EACH	_____.	_____.
0736	628.7020 Inlet Protection Type D	947.000 EACH	_____.	_____.
0738	628.7504 Temporary Ditch Checks	6,095.000 LF	_____.	_____.
0740	628.7515.S Stone or Rock Ditch Checks	597.000 CY	_____.	_____.
0742	628.7555 Culvert Pipe Checks	379.000 EACH	_____.	_____.
0744	628.7560 Tracking Pads	43.000 EACH	_____.	_____.
0746	628.7570 Rock Bags	1,930.000 EACH	_____.	_____.
0748	630.0160 Seeding Mixture No. 60	1,090.000 LB	_____.	_____.



Proposal Schedule of Items

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**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0750	630.0200 Seeding Temporary	10,272.000 LB	_____.	_____.
0752	631.1100 Sod Erosion Control	103.000 SY	_____.	_____.
0754	633.0100 Delineator Posts Steel	168.000 EACH	_____.	_____.
0756	633.0500 Delineator Reflectors	287.000 EACH	_____.	_____.
0758	633.1000 Delineator Brackets	378.000 EACH	_____.	_____.
0760	633.5200 Markers Culvert End	110.000 EACH	_____.	_____.
0762	634.0616 Posts Wood 4x6-Inch X 16-FT	9.000 EACH	_____.	_____.
0764	634.0618 Posts Wood 4x6-Inch X 18-FT	446.000 EACH	_____.	_____.
0766	634.0620 Posts Wood 4x6-Inch X 20-FT	16.000 EACH	_____.	_____.
0768	634.0622 Posts Wood 4x6-Inch X 22-FT	32.000 EACH	_____.	_____.
0770	634.0624 Posts Wood 4x6-Inch X 24-FT	14.000 EACH	_____.	_____.
0772	634.0885 Posts Tubular Steel 2x2-Inch X 8.5-FT	62.000 EACH	_____.	_____.
0774	635.0200 Sign Supports Structural Steel HS	31,800.000 LB	_____.	_____.
0776	636.0100 Sign Supports Concrete Masonry **P**	1,025.700 CY	_____.	_____.
0778	636.0500 Sign Supports Steel Reinforcement **P**	3,188.000 LB	_____.	_____.
0780	636.1000 Sign Supports Steel Reinforcement HS **P**	8,260.000 LB	_____.	_____.



Proposal Schedule of Items

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**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0782	636.1500 Sign Supports Steel Coated Reinforcement HS **P**	161,245.000 LB	_____.	_____.
0784	637.1220 Signs Type I Reflective SH	7,513.500 SF	_____.	_____.
0786	637.1230 Signs Type I Reflective F	84.160 SF	_____.	_____.
0788	637.2210 Signs Type II Reflective H	4,896.160 SF	_____.	_____.
0790	637.2215 Signs Type II Reflective H Folding	30.000 SF	_____.	_____.
0792	637.2230 Signs Type II Reflective F	623.230 SF	_____.	_____.
0794	638.2101 Moving Signs Type I	66.000 EACH	_____.	_____.
0796	638.2102 Moving Signs Type II	247.000 EACH	_____.	_____.
0798	638.2601 Removing Signs Type I	28.000 EACH	_____.	_____.
0800	638.2602 Removing Signs Type II	345.000 EACH	_____.	_____.
0802	638.3000 Removing Small Sign Supports	383.000 EACH	_____.	_____.
0804	638.3100 Removing Structural Steel Sign Supports	73.000 EACH	_____.	_____.
0806	638.4000 Moving Small Sign Supports	5.000 EACH	_____.	_____.
0808	640.1303.S Pond Liner Clay	2,100.000 CY	_____.	_____.
0810	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 0001. S-51-220	LS	LUMP SUM	_____.





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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items 0812 through 0836, all with LUMP SUM unit prices.



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**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0838	641.1200 Sign Bridge Cantilevered (structure) 0596. S-40-596	LS	LUMP SUM	_____.
0840	641.1200 Sign Bridge Cantilevered (structure) 0597. S-40-597	LS	LUMP SUM	_____.
0842	641.1200 Sign Bridge Cantilevered (structure) 0598. S-40-598	LS	LUMP SUM	_____.
0844	641.6600 Sign Bridge (structure) 0403. S-51-403	LS	LUMP SUM	_____.
0846	641.6600 Sign Bridge (structure) 0404. S-51-404	LS	LUMP SUM	_____.
0848	641.6600 Sign Bridge (structure) 0550. S-40-550	LS	LUMP SUM	_____.
0850	641.6600 Sign Bridge (structure) 0593. S-40-593	LS	LUMP SUM	_____.
0852	641.6600 Sign Bridge (structure) 0594. S-40-594	LS	LUMP SUM	_____.
0854	641.6600 Sign Bridge (structure) 0599. S-40-599	LS	LUMP SUM	_____.
0856	641.6600 Sign Bridge (structure) 0819. S-40-819	LS	LUMP SUM	_____.
0858	641.8100 Overhead Sign Support (structure) 0248. S-51-248	LS	LUMP SUM	_____.
0860	641.8100 Overhead Sign Support (structure) 0941. S-40-941	LS	LUMP SUM	_____.
0862	641.8100 Overhead Sign Support (structure) 0942. S-40-942	LS	LUMP SUM	_____.
0864	643.0300 Traffic Control Drums	420,132.000 DAY		_____.



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Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Traffic Control Barricades Type III, Flexible Tubular Marker Posts, Warning Lights Type A, Arrow Boards, Signs Fixed Message, etc.



Proposal Schedule of Items

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Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0896	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0898	644.1410.S Temporary Pedestrian Surface Asphalt	280.000 SF	_____.	_____.
0900	645.0111 Geotextile Type DF Schedule A **P**	43,834.000 SY	_____.	_____.
0902	645.0120 Geotextile Type HR	8,403.000 SY	_____.	_____.
0904	645.0140 Geotextile Type SAS	441.000 SY	_____.	_____.
0906	645.0220 Geogrid Type SR	67,851.000 SY	_____.	_____.
0908	646.1020 Marking Line Epoxy 4-Inch **P**	65,252.000 LF	_____.	_____.
0910	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch **P**	147,142.000 LF	_____.	_____.
0912	646.1050 Marking Line Grooved Permanent Tape 4-Inch **P**	7,724.000 LF	_____.	_____.
0914	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch **P**	33,964.000 LF	_____.	_____.
0916	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch **P**	60,915.000 LF	_____.	_____.
0918	646.3020 Marking Line Epoxy 8-Inch **P**	4,813.000 LF	_____.	_____.
0920	646.3040 Marking Line Grooved Wet Ref Epoxy 8-Inch **P**	106.000 LF	_____.	_____.
0922	646.3050 Marking Line Grooved Permanent Tape 8-Inch **P**	2,054.000 LF	_____.	_____.



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Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch, Marking Line Grooved Contrast Permanent Tape 8-Inch, Marking Arrow Epoxy, etc.



Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001                      Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0954	646.9110 Marking Removal Line Water Blasting 8-Inch	5,447.000 LF	_____.	_____.
0956	646.9200 Marking Removal Line Wide	1,038.000 LF	_____.	_____.
0958	646.9210 Marking Removal Line Water Blasting Wide	796.000 LF	_____.	_____.
0960	646.9300 Marking Removal Special Marking	3.000 EACH	_____.	_____.
0962	646.9310 Marking Removal Special Marking Water Blasting	8.000 EACH	_____.	_____.
0964	646.9400 Marking Removal Plowable Raised Pavement Markers	280.000 EACH	_____.	_____.
0966	649.0120 Temporary Marking Line Epoxy 4-Inch	811,287.000 LF	_____.	_____.
0968	649.0150 Temporary Marking Line Removable Tape 4-Inch	94,177.000 LF	_____.	_____.
0970	649.0220 Temporary Marking Line Epoxy 8-Inch	44,798.000 LF	_____.	_____.
0972	649.0250 Temporary Marking Line Removable Tape 8-Inch	6,249.000 LF	_____.	_____.
0974	649.0520 Temporary Marking Arrow Epoxy	40.000 EACH	_____.	_____.
0976	649.0760 Temporary Marking Raised Pavement Marker Type I	1,237.000 EACH	_____.	_____.
0978	649.0820 Temporary Marking Stop Line Epoxy 18-Inch	50.000 LF	_____.	_____.
0980	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	65.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Temporary Marking Removable Mask Out Tape 10-Inch, Conduit Rigid Metallic 2-Inch, Conduit Rigid Nonmetallic Schedule 40 2-Inch, etc.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1012	654.0230 Concrete Control Cabinet Bases Type L30	3.000 EACH	_____.	_____.
1014	654.1150 Concrete Bases Camera Pole 50-FT	4.000 EACH	_____.	_____.
1016	655.0148 Cable In Duct 4-8 AWG	6,325.000 LF	_____.	_____.
1018	655.0510 Electrical Wire Traffic Signals 12 AWG	55,578.000 LF	_____.	_____.
1020	655.0525 Electrical Wire Traffic Signals 6 AWG	1,110.000 LF	_____.	_____.
1022	655.0535 Electrical Wire Traffic Signals 2 AWG	2,290.000 LF	_____.	_____.
1024	655.0610 Electrical Wire Lighting 12 AWG	39,950.000 LF	_____.	_____.
1026	655.0620 Electrical Wire Lighting 8 AWG	32,568.000 LF	_____.	_____.
1028	655.0625 Electrical Wire Lighting 6 AWG	7,749.000 LF	_____.	_____.
1030	655.0630 Electrical Wire Lighting 4 AWG	8,313.000 LF	_____.	_____.
1032	655.0635 Electrical Wire Lighting 2 AWG	17,512.000 LF	_____.	_____.
1034	655.0800 Loop Detector Wire	2,818.000 LF	_____.	_____.
1036	656.0200 Electrical Service Meter Breaker Pedestal (location) 0004. MB-DMS-51-0023	LS	LUMP SUM	_____.
1038	656.0200 Electrical Service Meter Breaker Pedestal (location) 0005. MB-DMS-51-0031	LS	LUMP SUM	_____.





Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items 1040 through 1062, detailing electrical service meter breakers and disconnect boxes.



Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001                      Contract Items

**Alt Set ID:**    **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1064	657.0210 Transformer Bases Breakaway 15-17 Inch Bolt Circle	179.000 EACH	_____.	_____.
1066	657.0255 Transformer Bases Breakaway 11 1/2- Inch Bolt Circle	17.000 EACH	_____.	_____.
1068	657.0322 Poles Type 5-Aluminum	18.000 EACH	_____.	_____.
1070	657.0327 Poles Type 6-Aluminum	4.000 EACH	_____.	_____.
1072	657.0330 Poles Type 7	99.000 EACH	_____.	_____.
1074	657.0375 Poles Type A	80.000 EACH	_____.	_____.
1076	657.0610 Luminaire Arms Single Member 4 1/2- Inch Clamp 6-FT	6.000 EACH	_____.	_____.
1078	657.0620 Luminaire Arms Single Member 6-Inch Clamp 4-FT	160.000 EACH	_____.	_____.
1080	657.0635 Luminaire Arms Single Member 6-Inch Clamp 10-FT	10.000 EACH	_____.	_____.
1082	657.0640 Luminaire Arms Single Member 6-Inch Clamp 15-FT	95.000 EACH	_____.	_____.
1084	657.0715 Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	11.000 EACH	_____.	_____.
1086	657.6005 Anchor Assemblies Light Poles on Structures	3.000 EACH	_____.	_____.
1088	659.0600 Underdeck Lighting (location) 0001. B- 51-139 & B-51-140	LS	LUMP SUM	_____.
1090	659.1120 Luminaires Utility LED B	5.000 EACH	_____.	_____.



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1092	659.1125 Luminaires Utility LED C	121.000 EACH	_____.	_____.
1094	659.1130 Luminaires Utility LED D	209.000 EACH	_____.	_____.
1096	659.2230 Lighting Control Cabinets 240/480 30-Inch	3.000 EACH	_____.	_____.
1098	670.0100 Field System Integrator 0001. 1035-01-79	LS	LUMP SUM	_____.
1100	670.0100 Field System Integrator 0002. 1035-01-74	LS	LUMP SUM	_____.
1102	670.0100 Field System Integrator 0003. 1035-01-82	LS	LUMP SUM	_____.
1104	670.0100 Field System Integrator 0004. 1030-20-87	LS	LUMP SUM	_____.
1106	670.0100 Field System Integrator 0007. 1030-20-84	LS	LUMP SUM	_____.
1108	670.0200 ITS Documentation 0001. 1035-01-79	LS	LUMP SUM	_____.
1110	670.0200 ITS Documentation 0002. 1035-01-74	LS	LUMP SUM	_____.
1112	670.0200 ITS Documentation 0003. 1035-01-82	LS	LUMP SUM	_____.
1114	670.0200 ITS Documentation 0004. 1030-20-87	LS	LUMP SUM	_____.
1116	670.0200 ITS Documentation 0007. 1030-20-84	LS	LUMP SUM	_____.
1118	671.0132 Conduit HDPE 3-Duct 2-Inch	12,930.000 LF	_____.	_____.



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1120	671.0222 Conduit HDPE Directional Bore 2-Duct 2-Inch	240.000 LF	_____.	_____.
1122	671.0232 Conduit HDPE Directional Bore 3-Duct 2-Inch	600.000 LF	_____.	_____.
1124	671.0300 Fiber Optic Cable Marker	20.000 EACH	_____.	_____.
1126	673.0105 Communication Vault Type 1	18.000 EACH	_____.	_____.
1128	673.0200 Tracer Wire Marker Posts	13.000 EACH	_____.	_____.
1130	673.0225.S Install Pole Mounted Cabinet	8.000 EACH	_____.	_____.
1132	674.0200 Cable Microwave Detector	9,602.000 LF	_____.	_____.
1134	674.0300 Remove Cable	32,290.000 LF	_____.	_____.
1136	675.0300 Install Mounted Controller Microwave Detector Assembly	20.000 EACH	_____.	_____.
1138	677.0150 Install Camera Pole 50-FT	4.000 EACH	_____.	_____.
1140	677.0200 Install Camera Assembly	4.000 EACH	_____.	_____.
1142	677.9051.S Removing 50-FT Camera Pole	1.000 EACH	_____.	_____.
1144	677.9200.S Removing CCTV Camera	1.000 EACH	_____.	_____.
1146	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	5,255.000 LF	_____.	_____.
1148	678.0024 Install Fiber Optic Cable Outdoor Plant 24-CT	36,595.000 LF	_____.	_____.



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1150	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	25,790.000 LF	_____.	_____.
1152	678.0300 Fiber Optic Splice	528.000 EACH	_____.	_____.
1154	678.0400 Fiber Optic Termination	42.000 EACH	_____.	_____.
1156	678.0500 Communication System Testing 0001. 1035-01-79	LS	LUMP SUM	_____.
1158	678.0500 Communication System Testing 0002. 1035-01-74	LS	LUMP SUM	_____.
1160	678.0500 Communication System Testing 0003. 1035-01-82	LS	LUMP SUM	_____.
1162	678.0500 Communication System Testing 0004. 1030-20-87	LS	LUMP SUM	_____.
1164	678.0500 Communication System Testing 0007. 1030-20-84	LS	LUMP SUM	_____.
1166	678.0600 Install Ethernet Switches	7.000 EACH	_____.	_____.
1168	690.0150 Sawing Asphalt	46,984.000 LF	_____.	_____.
1170	690.0250 Sawing Concrete	54,519.000 LF	_____.	_____.
1172	715.0710 Optimized Aggregate Gradation Incentive	767,150.000 DOL	1.00000	767,150.00
1174	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	9,000.000 HRS	5.00000	45,000.00
1176	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	18,000.000 HRS	5.00000	90,000.00



Proposal Schedule of Items

**Proposal ID:** 20180724001 **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1178	SPV.0005 Special 0001. Seedbed Preparation	2.000 ACRE	_____.	_____.
1180	SPV.0030 Special 0001. Fertilizer Type B Special	473.000 CWT	_____.	_____.
1182	SPV.0035 Special 0001. Pond Lining Clay Special	3,637.000 CY	_____.	_____.
1184	SPV.0035 Special 0002. Clay Embankment Fill	6,177.000 CY	_____.	_____.
1186	SPV.0035 Special 0005. Backfill Slurry	1,414.000 CY	_____.	_____.
1188	SPV.0035 Special 0006. Roadway Embankment **P**	559,541.000 CY	_____.	_____.
1190	SPV.0035 Special 0007. Excavation, Hauling, and Reuse of Low-Level Contaminated Soil	780.000 CY	_____.	_____.
1192	SPV.0035 Special 0008. EBS Excavation	153,140.000 CY	_____.	_____.
1194	SPV.0035 Special 0009. EBS Backfill	153,140.000 CY	_____.	_____.
1196	SPV.0035 Special 0020. Riprap Light Special Mix	36.000 CY	_____.	_____.
1198	SPV.0035 Special 4000. HPC Masonry Structures **P**	7,483.000 CY	_____.	_____.
1200	SPV.0045 Special 0001. Portable Speed Trailer	948.000 DAY	_____.	_____.
1202	SPV.0055 Special 0002. Dispute Resolution Board	20,000.000 DOL	1.00000	20,000.00
1204	SPV.0055 Special 0100. Incentive/Disincentive for Interim Completion of Work - Stage 4	500,000.000 DOL	1.00000	500,000.00
1206	SPV.0055 Special 0101. Incentive/Disincentive for Interim Completion of Work - Stage 5	500,000.000 DOL	1.00000	500,000.00



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Tree Trimming, Baseline CPM Progress Schedule, Monthly CPM Progress Schedule Updates, Temporary Storm Sewer Plug, Reconnect Storm Sewer, Fastening Sewer Access Covers, Fixed Message Sign Portable Support Special, Permanent Barricades Type III, Barricade Rack, Mobilizations Emergency Pavement Repair, Traffic Control Close-Open Freeway Entrance Ramp, Maintain and Salvage Crash Cushions Temporary Left-in-place, and Crash Cushion Special.



Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items like Special 0044. Flexible Tubular Markers Median, Special 0048. Traffic Control Full Freeway Closure, etc.





Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1262	SPV.0060 Special 1000. Concrete Bases Type 7 Special	58.000 EACH	_____.	_____.
1264	SPV.0060 Special 1001. Concrete Bases Type B	23.000 EACH	_____.	_____.
1266	SPV.0060 Special 1008. Removing Wood Pole Lighting Units	5.000 EACH	_____.	_____.
1268	SPV.0060 Special 1009. Removing Underdeck Lighting Systems	2.000 EACH	_____.	_____.
1270	SPV.0060 Special 1010. Temporary Wood Pole Lighting Units	1.000 EACH	_____.	_____.
1272	SPV.0060 Special 1011. Temporary Wood Pole Lighting Units Twin Floodlights	43.000 EACH	_____.	_____.
1274	SPV.0060 Special 1013. Polymer Concrete Pullbox Freeway Lighting	10.000 EACH	_____.	_____.
1276	SPV.0060 Special 1014. Concrete Bases Type 5 Special	2.000 EACH	_____.	_____.
1278	SPV.0060 Special 1020. Lighting Units Salvaged	3.000 EACH	_____.	_____.
1280	SPV.0060 Special 1021. Replace Plaque Sequence Identification for Existing Poles	41.000 EACH	_____.	_____.
1282	SPV.0060 Special 2010. Salvage Solar Powered HAR Sign Flasher Assembly	1.000 EACH	_____.	_____.
1284	SPV.0060 Special 2012. Install Salvaged Solar Powered HAR Sign Flasher Assembly	1.000 EACH	_____.	_____.
1286	SPV.0060 Special 2020. Install Overhead Freeway DMS	2.000 EACH	_____.	_____.



Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001                      Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1288	SPV.0060 Special 2025. 40-Foot Temporary Wood Post	3.000 EACH	_____.	_____.
1290	SPV.0060 Special 2040. Ground Rod	12.000 EACH	_____.	_____.
1292	SPV.0060 Special 2050. Temporary Vehicle Detector Assembly	2.000 EACH	_____.	_____.
1294	SPV.0060 Special 2055. Loop Detector Wire Protection	16.000 EACH	_____.	_____.
1296	SPV.0060 Special 2245. Install Temporary Traffic Camera Assembly	1.000 EACH	_____.	_____.
1298	SPV.0060 Special 2246. Relocating Temporary Traffic Camera Assembly	2.000 EACH	_____.	_____.
1300	SPV.0060 Special 2255. Relocating Temporary Vehicle Detector Assembly	2.000 EACH	_____.	_____.
1302	SPV.0060 Special 2290. Refocusing Vehicle Detector Assembly	10.000 EACH	_____.	_____.
1304	SPV.0060 Special 4001. Pile Dynamic Analyzer (PDA) Testing	16.000 EACH	_____.	_____.
1306	SPV.0060 Special 4100. Pile Dynamic Analyzer (PDA) Restrikes	16.000 EACH	_____.	_____.
1308	SPV.0060 Special 5002. Adjusting Water Valves	2.000 EACH	_____.	_____.
1310	SPV.0075 Special 0010. Pavement Cleanup Project 1030-20-84	1,500.000 HRS	_____.	_____.
1312	SPV.0075 Special 0012. Pavement Cleanup Project 1030-20-87	1,500.000 HRS	_____.	_____.



Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001                      Contract Items

**Alt Set ID:**    **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1314	SPV.0075 Special 0016. Pavement Cleanup Project 1035-01-82	300.000 HRS	_____.	_____.
1316	SPV.0075 Special 0020. Pavement Cleanup Project 1035-01-72	50.000 HRS	_____.	_____.
1318	SPV.0075 Special 0022. Pavement Cleanup Project 1035-01-74	500.000 HRS	_____.	_____.
1320	SPV.0075 Special 0024. Pavement Cleanup Project 1035-01-79	300.000 HRS	_____.	_____.
1322	SPV.0075 Special 4001. Obstructions Sign Supports Concrete Masonry	30.000 HRS	_____.	_____.
1324	SPV.0085 Special 0002. Seeding Mixture No. 30 Special	17,558.000 LB	_____.	_____.
1326	SPV.0090 Special 0007. Concrete Barrier Existing Pier Protection Type S56 Special **P**	413.000 LF	_____.	_____.
1328	SPV.0090 Special 0008. Concrete Barrier Existing Pier Protection Type S56 Puetz Road **p**	61.000 LF	_____.	_____.
1330	SPV.0090 Special 0010. Temporary Glare Screen	84,461.000 LF	_____.	_____.
1332	SPV.0090 Special 0011. Maintain Concrete Barrier Temporary Precast	1,650.000 LF	_____.	_____.
1334	SPV.0090 Special 0012. Maintain and Remove Concrete Barrier Temporary Precast	7,782.000 LF	_____.	_____.
1336	SPV.0090 Special 0050. Concrete Curb and Gutter 4-Inch Sloped 60-Inch Type A **P**	4,190.000 LF	_____.	_____.



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Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1338	SPV.0090 Special 0052. Drain Slotted Vane Longitudinal	50.000 LF	_____.	_____.
1340	SPV.0090 Special 0070. Heavy Duty Silt Fence	14,763.000 LF	_____.	_____.
1342	SPV.0090 Special 1000. Cable in Duct 3-6 AWG 1-8 AWG	11,226.000 LF	_____.	_____.
1344	SPV.0090 Special 1001. Cable in Duct 3-4 AWG 1-8 AWG	6,883.000 LF	_____.	_____.
1346	SPV.0090 Special 1002. Cable in Duct 3-2 AWG 1-8 AWG	12,549.000 LF	_____.	_____.
1348	SPV.0090 Special 1003. Temporary Cable in Duct 3-2 AWG 1-8 AWG	215.000 LF	_____.	_____.
1350	SPV.0090 Special 1004. Temporary Overhead Cable Quadruplex 2 AWG	10,446.000 LF	_____.	_____.
1352	SPV.0090 Special 1005. Removing Overhead Lighting Cable	964.000 LF	_____.	_____.
1354	SPV.0090 Special 2010. Outdoor Rated Network Cable	450.000 LF	_____.	_____.
1356	SPV.0090 Special 4300. Fence Decorative Bridge **p**	560.000 LF	_____.	_____.
1358	SPV.0090 Special 4310. Fence Decorative Wing **p**	210.000 LF	_____.	_____.
1360	SPV.0090 Special 4320. Piling Sleeves	713.000 LF	_____.	_____.
1362	SPV.0105 Special 0002. Survey Project 1030-20-84	LS	LUMP SUM	_____.



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Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows 1364-1390 detailing survey and lighting system integrator items.





Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Table with 5 columns: Proposal Line Number, Item ID Description, Approximate Quantity and Units, Unit Price, Bid Amount. Rows include items 1414 through 1438 with various descriptions like 'Special 4030. Partial Depth Precast Prestressed Concrete Deck Panels' and 'Special 0002. Removal and Disposal of Invasive Plant Species'.



Proposal Schedule of Items

**Proposal ID:** 20180724001    **Project(s):** 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

**Federal ID(s):** WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

**SECTION:** 0001                      Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1440	SPV.0195 Special 0003. HMA Longitudinal Joint Repair	4,607.000 TON	_____.	_____.
1442	SPV.0195 Special 0004. Select Subbase	8,896.000 TON	_____.	_____.
1444	SPV.0195 Special 0005. Excavation, Hauling and Disposal of Creosote Contaminated Soil	3,471.000 TON	_____.	_____.
1446	SPV.0195 Special 0010. Soil Drying Treatment	4,338.000 TON	_____.	_____.
1448	SPV.0195 Special 0012. Subgrade Strengthening Treatment	15,034.000 TON	_____.	_____.
1450	SPV.0200 Special 0012. Manholes 4-FT Diameter Special	90.000 VF	_____.	_____.
1452	203.0200 Removing Old Structure (station) 0008. 134+40	LS	LUMP SUM	_____.
1454	203.0200 Removing Old Structure (station) 0009. 1241+75	LS	LUMP SUM	_____.
1456	522.0412 Culvert Pipe Reinforced Concrete Class IV 12-Inch	200.000 LF	_____.	_____.
1458	522.0436 Culvert Pipe Reinforced Concrete Class IV 36-Inch	965.000 LF	_____.	_____.
1460	522.0554 Culvert Pipe Reinforced Concrete Class V 54-Inch	437.000 LF	_____.	_____.
1462	522.2429 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	112.000 LF	_____.	_____.
1464	SPV.0060 Special 1040. Salvage Lighting Units	2.000 EACH	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20180724001 Project(s): 1030-20-84, 1030-20-87, 1035-01-72, 1035-01-74, 1035-01-79, 1035-01-82

Federal ID(s): WISC 2018380, WISC 2018381, WISC 2018382, WISC 2018383, WISC 2018384, WISC 2018385

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1466	606.0100 Riprap Light	325.000 CY	_____.	_____.
1468	645.0130 Geotextile Type R	1,900.000 SY	_____.	_____.
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.

