



# Wisconsin Department of Transportation

July 3, 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 #01: 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. 01, which provides for the following:

### Special Provisions:

Revised Special Provisions	
Article No.	Description
4	Prosecution and Progress
9	Other Contracts

Added Special Provisions	
Article No.	Description
236	Salvage Lighting Units, Item SPV.0060.1040

Deleted Special Provisions	
Article No.	Description
159	Salvaging Existing Barricade Rack, Item SPV.0060.0032

**Schedule of Items:**

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
203.0100	Removing Small Pipe Culverts	Each	34	1	35
204.0115	Removing Asphaltic Surface Butt Joints	SY	1,431	222	1,653
204.0120	Removing Asphaltic Surface Milling **P**	SY	12,258	-1,291	10,967
204.9060.S.0010	Removing Barricade Racks and Barricades	Each	1	2	3
204.9060.S.1002	Removing Lighting Units	Each	64	-2	62
205.0100	Excavation Common **P**	CY	1,042,749	-1,023	1,041,726
305.0125	Base Aggregate Dense 1 1/4-Inch **P**	CY	221,060	-1,416	219,644
455.0605	Tack Coat	GAL	38,959	-559	38,400
460.6424	HMA Pavement 4MT 58-28H	Ton	13,111	-706	12,405
460.7223	HMA Pavement 3HT 58-28S	Ton	51,891	1,067	52,958
460.7424	HMA Pavement 4HT 58-28H	Ton	23,867	-1,309	22,558
522.0154	Culvert Pipe Reinforced Concrete Class III 54-Inch	LF	605	-397	208
522.1012	Reinforced Concrete Apron Endwalls 12-Inch	Each	3	2	5
522.2629	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29X45-Inch	Each	2	2	4
603.1442	Concrete Barrier Type S42C	LF	825	-300	525
608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	3,105	1	3,106
608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	2,681	23	2,704
608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	25,176	-53	25,123
608.0436	Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	LF	906	102	1,008
608.2419	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	2,589	-360	2,229

611.0420	Reconstructing Manholes	Each	36	5	41
611.0430	Reconstructing Inlets	Each	15	-3	12
611.0642	Inlet Covers Type MS	Each	53	6	59
611.0654	Inlet Covers Type V	Each	330	-3	327
611.0660	Inlet Covers Type WM	Each	55	-2	53
611.2004	Manholes 4-FT Diameter	Each	166	-1	165
611.2005	Manholes 5-FT Diameter	Each	117	-1	116
611.2007	Manholes 7-FT Diameter	Each	19	-1	18
611.3003	Inlets 3-FT Diameter	Each	24	-1	23
611.3004	Inlets 4-FT Diameter	Each	92	2	94
611.3225	Inlets 2X2.5-FT	Each	115	-3	112
611.3253	Inlets 2.5X3-FT	Each	19	-2	17
611.3902	Inlets Median 2 Grate	Each	24	3	27
611.8110	Adjusting Manhole Covers	Each	133	1	134
611.8115	Adjusting Inlet Covers	Each	110	-2	108
623.0200	Dust Control Surface Treatment	SY	1,357,641	-9,176	1,348,465
633.5200	Markers Culvert End	Each	112	-2	110
638.2602	Removing Signs Type II	Each	273	72	345
638.3000	Removing Small Sign Supports	Each	312	71	383
652.0225	Conduit Rigid Nonmetallic Schedule 40 2-inch	LF	28,207	-3,383	24,824
653.0140	Pull Boxes Steel 24x42-inch	Each	74	-4	70
655.0148	Cable in Duct 4-8 AWG	LF	6,052	273	6,325
655.0620	Electrical Wire Lighting 8 AWG	LF	36,821	-4,253	32,568
655.0625	Electrical Wire Lighting 6 AWG	LF	10,341	-2,592	7,749
655.0630	Electrical Wire Lighting 4 AWG	LF	11,733	-3,420	8,313
655.0635	Electrical Wire Lighting 2 AWG	LF	20,097	-2,585	17,512
690.0150	Sawing Asphalt	LF	49,218	-2,234	46,984
SPV.0035.0006	Roadway Embankment **P**	CY	577,167	1,922	579,089
SPV.0035.0008	EBS Excavation	CY	135,756	-153	135,603
SPV.0035.0009	EBS Backfill	CY	135,756	-153	135,603
SPV.0060.0016	Reconnect Storm Sewer	Each	108	1	109
SPV.0060.0029	Permanent Barricades Type III	Each	10	2	12
SPV.0060.0030	Barricade Rack	Each	2	2	4
SPV.0060.1013	Polymer Concrete Pullbox Freeway Lighting	Each	18	-8	10

SPV.0090.1000	Cable in Duct 3-6 AWG 1-8 AWG	LF	9,389	1,837	11,226
SPV.0090.1001	Cable in Duct 3-4 AWG 1-8 AWG	LF	6,853	30	6,883
SPV.0090.1002	Cable in Duct 3-2 AWG 1-8 AWG	LF	11,434	1,115	12,549
SPV.0195.0012	Subgrade Strengthening Treatment	Ton	42,059	-34	42,025

<b>Added Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
203.0200.0008	Removing Old Structure (station) 134+40	LS	0	1	1
203.0200.0009	Removing Old Structure (station) 1241+75	LS	0	1	1
522.0412	Culvert Pipe Reinforced Concrete Class IV 12-Inch	LF	0	200	200
522.0436	Culvert Pipe Reinforced Concrete Class IV 36-Inch	LF	0	965	965
522.0554	Culvert Pipe Reinforced Concrete Class V 54-Inch	LF	0	437	437
522.2429	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29X45-Inch	LF	0	112	112
SPV.0060.1040	Salvage Lighting Units	Each	0	2	2

<b>Deleted Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	655	-655	0
522.2329	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29X45-Inch	LF	55	-55	0
SPV.0060.0032	Salvaging Existing Barricade Rack	Each	2	-2	0

**Plan Sheets:**

<b>ID 1030-20-84 Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
11	Typical Section - Removed Select Crushed Material from Existing Ramp RYA
12	Typical Section - Removed Select Crushed Material from Existing Ramp RYA, added Temp. Widening Grading
44	Typical Section - Added section for NB Temp. Widening work at ramp RYA
46	Typical Section - Clarified fertilizer type to be "Fertilizer Type B Special"
53	Typical Section - Clarified fertilizer type to be "Fertilizer Type B Special"
294	Lighting - Revised note for cable through sign foundations
323	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID
324	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID
329	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID

330	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID, added note
331	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID
332	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID, added note
335	Lighting - Removed pullbox near sign, removed conduit to sign
336	Lighting - Removed pullbox near sign, removed conduit to sign
337	Lighting - Removed pullboxes near signs, removed conduits to signs, changed from conduit to CID
338	Lighting - Removed pullboxes near signs, removed conduits to signs, changed from conduit to CID, added note
339	Lighting - Revised section from conduit to CID
340	Lighting - Revised section from conduit to CID
343	Lighting - Removed pullboxes near signs, removed conduits to signs, changed from conduit to CID
344	Lighting - Removed pullboxes near signs, removed conduits to signs, changed from conduit to CID, corrected callouts
345	Lighting - Removed pullboxes near signs, removed conduits to signs, changed from conduit to CID, corrected callouts
346	Lighting - Removed pullboxes near signs, removed conduits to signs, changed from conduit to CID, corrected callouts, added note
347	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID
348	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID, added note
349	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID
350	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID, added note
351	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID
352	Lighting - Removed pullbox near sign, removed conduit to sign, changed from conduit to CID, added note
385	Stage 1A/1B - Updated work area to exclude work on existing shoulder of ramp RYA
401	Stage 1C - Removed hatch for installing storm sewer pipe at 262+00
568	Misc Quantities - Updated Removing Asphaltic Surface Milling quantity
581	Misc Quantities - Updated Earthwork data
582	Misc Quantities - Updated Base Aggregate Dense 1 1/4-Inch quantity for IH 94 NB Temporary Widening
583	Misc Quantities - Updated Base Aggregate Dense 1 1/4-Inch quantity for IH 94 NB Temporary Widening
586	Misc Quantities - Updated Asphaltic Item Quantities
587	Misc Quantities - Updated Asphaltic Item Quantities
591	Misc Quantities - Updated Prepare Foundation Quantities table
619	Misc Quantities - Updated Dust Control Surface Treatment quantity
621	Misc Quantities - Updated Sawing Asphalt quantity
664	Misc Quantities - Updated Wire and Conduit Quantities removed at Sign Structures
665	Misc Quantities - Updated Wire and Conduit Quantities removed at Sign Structures
666	Misc Quantities - Updated Wire and Conduit Quantities removed at Sign Structures
667	Misc Quantities - Updated Wire and Conduit Quantities removed at Sign Structures
668	Misc Quantities - Updated Wire and Conduit Quantities removed at Sign Structures
669	Misc Quantities - Updated Pull Box Quantities removed at Sign Structures
726	Plan and Profile - Updated Temporary Pavement area, callouts and slope intercept

727	Plan and Profile - Updated Temporary Pavement area, callouts and slope intercept
1094	Earthwork - Updated earthwork for NB Temporary Widening
1095	Earthwork - Updated earthwork for NB Temporary Widening
1096	Earthwork - Updated earthwork for NB Temporary Widening
1097	Earthwork - Updated earthwork for NB Temporary Widening
1101	Earthwork - Updated earthwork for NB Temporary Widening
1141	Earthwork - Updated earthwork for IH 94 NB
1142	Earthwork - Updated earthwork for IH 94 NB
1143	Earthwork - Updated earthwork for IH 94 NB
1144	Earthwork - Updated earthwork for IH 94 NB
1145	Earthwork - Updated earthwork for IH 94 NB
1146	Earthwork - Updated earthwork for IH 94 NB
1147	Earthwork - Updated earthwork for IH 94 NB
1148	Earthwork - Updated earthwork for IH 94 NB
1149	Earthwork - Updated earthwork for IH 94 NB
1150	Earthwork - Updated earthwork for Ramp RYA
1196	IH 94 NB Cross Sections - Updated existing ground
1197	IH 94 NB Cross Sections - Updated existing ground
1198	IH 94 NB Cross Sections - Updated existing ground
1199	IH 94 NB Cross Sections - Updated existing ground
1200	IH 94 NB Cross Sections - Updated existing ground
1201	IH 94 NB Cross Sections - Updated existing ground
1202	IH 94 NB Cross Sections - Updated existing ground
1203	IH 94 NB Cross Sections - Updated existing ground
1204	IH 94 NB Cross Sections - Updated existing ground
1205	IH 94 NB Cross Sections - Updated existing ground
1206	IH 94 NB Cross Sections - Updated existing ground
1207	IH 94 NB Cross Sections - Updated existing ground
1208	IH 94 NB Cross Sections - Updated existing ground
1209	IH 94 NB Cross Sections - Updated existing ground
1492	RYA Cross Sections - Updated existing ground
1493	RYA Cross Sections - Updated existing ground
1558	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1559	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1560	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1561	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1562	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1563	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1564	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1565	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1566	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1567	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1568	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1569	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1570	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening
1571	Temp Cross Sections - Updated existing ground and IH 94 NB Temporary Widening

<b>ID 1030-20-87 Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
70	Construction Detail (Revised ramp grades for reverse slope gutter)
110	Plan Details (Reverse slope gutter on east side of island)
146	Paving Grades (Cleaned up elevations in median)
197	Storm Sewer (Revised pipe 1106-1107)
198	Storm Sewer (Revised pipe 1109-1112 & 1116A-1118)
200	Storm Sewer (Revised pipe 1144-1145 & 1143-1142)
211	Storm Sewer (Revised inlet locations at 27 <sup>th</sup> St/Elm Rd intersection; pipe slope callouts)
212	Storm Sewer (Revised pipe slope callouts)
213	Storm Sewer (Revised pipe slope callouts)
214	Storm Sewer (Revised pipe slope callouts)
215	Storm Sewer (Revised pipe slope callouts)
216	Storm Sewer (Replaced 27 <sup>th</sup> Street median storm sewer with culvert)
358	Miscellaneous Quantities (Added Removing Culvert STA 212+00)
362	Miscellaneous Quantities (Revised Earthwork Summary to include grading for berm)
369-370	Miscellaneous Quantities (Revisions to Storm Sewer Items for general notes, structure depth, structure type, other minor revisions)
372-374	Miscellaneous Quantities (Revisions to Storm Sewer Items for general notes, structure depth, structure type, other minor revisions)
375	Miscellaneous Quantities (Revisions for Storm Sewer Structure Quantities)
376	Miscellaneous Quantities (Revisions for Storm Sewer Pipe Quantities & Reconnect Storm Sewer quantity)
377	Miscellaneous Quantities (Revisions for Cross Culvert Items)
451	Plan & Profile: Elm Road (Revision to cross culvert)
452	Plan & Profile: Oakwood Road (Revision to cross culvert)
881	Structure Plans: R-40-385 – Added Note regarding use of 5' x 10' panels
895	Structure Plans: R-40-387 – Added Note regarding use of 5' x 10' panels
918	Earthwork (Revision to Division 1 Temporary Widening Earthwork to grade a berm along NB IH 94)
933	Earthwork (Revision to Division 4 IH 94 NB Earthwork to grade a berm along NB IH 94)
934	Earthwork (Revision to Division 4 IH 94 NB Earthwork to grade a berm along NB IH 94)
994-999	Cross Sections: IH 94 NB (Revisions for grading of berm STA 197+00 – 203+00)
1006	Cross Sections: IH 94 NB (Revisions for grading related to berm STA 212+00)
1011	Cross Sections: IH 94 NB (Revisions for grading related to berm STA 216+50 – 217+00)
1277	Cross Sections: IH 94 Temporary Widening (Revisions for grading related to berm STA 1213+00)
1281	Cross Sections: IH 94 Temporary Widening (Revisions for grading related to berm STA 1217+50 – 1218+00)

<b>ID 1035-01-72 Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
58	Lighting Plan – Removal (Note 2 added)
62	Lighting Plan – Final (Light pole rotated and corresponding callout updated)
63	Lighting Plan – Schematic (Light pole rotated, callouts added and updated)
114	Miscellaneous Quantities (Changed light pole box number from LPB708 to LPB709)
115	Miscellaneous Quantities (Changed Removing Lighting Units to Salvage Lighting Units)

<b>ID 1035-01-74 Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
108	Storm Sewer: IH 94 (Additional callouts added)
118	Storm Sewer Table (Invert & discharge elevations for STR 113* revised, information added)
121	Storm Sewer Table (Note 10 and information for 113* added )
164	Traffic Control: Overview – Stage 1B (Revised maximum permitted days for road closures)
236	Miscellaneous Quantities (Staging info for STR 101 updated)
237	Miscellaneous Quantities (Staging info for STR 102 updated)
239	Miscellaneous Quantities (Note 10 added)
240	Miscellaneous Quantities (Staging info for STR 101 updated)
253	Miscellaneous Quantities (Updated Barricade Rack items)
465-466	Structures Plans: Revisions to B-51-33

<b>(ID 1035-01-79) Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
7	Typical Sections (Removed drop down finished typical section)
16	Construction Details (Revised detail for 7-ft manhole special top to add steps and adjust dimensions)
43-50	Plan Details (Updated the Legend)
61-62	Storm Sewer (Added note re: maintaining storm sewer)
65	Storm Sewer (Updated locations of 107 and 107A in profile)
66	Storm Sewer (Added note re: maintaining storm sewer; revised SS)
67-68	Storm Sewer (Deleted notes re: adjust/reconstruct; revised SS)
69-70	Storm Sewer (Added/modified notes re: adjust/reconstruct)
84	Traffic Control (Added side view to FMS portable support detail)
147	Misc. Quantities (Added Removing Asphaltic Surface Butt Joints item)
151	Misc. Quantities (Updated HMA Pavement and Tack Coat quantities)
154	Misc. Quantities (Revised rim elevations to use final elevations and revised structure depths accordingly; deleted one 7-ft manhole)
155	Misc. Quantities (Revised rim elevations to use final elevations and revised structure depths accordingly; updated manhole total; added Type BW cover to notes.)
156	Misc. Quantities (Revised various pipe slopes; changed some SSPRCHE to circular pipe; updated pipe totals)
157	Misc. Quantities (Revised various pipe slopes; updated pipe totals)
158	Misc. Quantities (Updated manhole and inlet adjusts and reconstructs.)
159	Misc. Quantities (Added note re: reconnecting existing SS to new Str. 114; updated MH/inlet adjusts/reconstructs totals)
163	Misc. Quantities (Removed Concrete Barrier Type S42C Item)

<b>(ID 1030-20-84) Added Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
80A	Construction Detail – added CD for updated R/W info at the SW Corner of Rawson Ave.



<b>(ID 1030-20-87) Added Plan Sheets</b>	
<b>Plan Sheet</b>	<b>Plan Sheet Title (brief description of why sheet was added)</b>
706A-706B	Structure B-40-222 (Add structure sheets for Temporary Widening)
706C-706D	Structure B-40-224 (Add structure sheets for Temporary Widening)

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

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

**ADDENDUM NO. 01**  
**PROJECT ID 1030-20-84/87, 1035-01-72/74/79/82**  
**July 3, 2018**

**Special Provisions**

**4. Prosecution and Progress**

*Under A Schedule of Operations, section **PROJECT-SPECIFIC ACTIVITIES**, subsection **Project 1030-20-84**, add the following paragraph before the heading **Stage 1**:*

Coordinate all work, including Construction Staging and Traffic Control plans for this project on IH 94 with the ongoing IH 94 N-S Project 1030-20-85, Ryan Road Interchange. Additional coordination with Zenith Tech, Inc, the contractor on IH 94 N-S Project 1030-20-85, Ryan Road Interchange, is anticipated and all traffic shifts and stage changes in this project that affect Project 1030-20-85 will need to be approved by the engineer. Provide written notice to Mr. Ken Kiepczynski, Regional construction engineer (414-659-3055) ten business days in advance to coordinate construction activities.

*Delete the fourth paragraph under section **C Freeway Work Restrictions** that reads:*

Comply with all local ordinances that apply to work operations, including those pertaining to working during nighttime hours. Furnish any ordinance variance issued by the municipality or required permits to the engineer, by the contractor, in writing three working days before performing such work.

**9. Other Contracts**

*Under section 2018, add the following:*

**IH 94 N-S Ryan Road Interchange**  
ID 1030-20-85, Ryan Rd Bridge & Ramps

**159. DELETED.**

**236. Salvage Lighting Units, Item SPV.0060.1040.**

**A Description**

This special provision describes the removing, handling, and transporting lighting units consisting of pole, arm, and breakaway device at the locations the plans show, conforming to standard specs 657 and 659, and as follows.

**B Material**

Luminaires and High-Pressure Sodium Lamps will become property of the contractor and disposed of off the project site. Lamps, which are considered a hazardous material, become property of the contractor and shall be disposed of an environmentally sound manner.

**C Construction**

No removal work will be permitted without approval from the Engineer. Removal shall start as soon as the temporary lighting or permanent lighting, as applicable, is placed in approved operation. An inspection and approval by the Engineer will take place before any associated proposed permanent or temporary lighting is approved for operation.

Deliver lighting units to the department at the South 60th Street office in West Allis. Contact Bree Johns-Konkol at (414) 750-2814, Monday through Friday from 8:00 AM to 3:30 PM to set up an appointment for delivery. Delivery appointments shall be made a minimum of 3-days prior to delivery.

**D Measurement**

The Department will measure the Salvage Lighting Units by each individual unit, acceptably completed.

**E Payment**

The Department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.1040	Salvage Lighting Units	Each

Payment is full compensation for removing, handling, and delivering the lighting unit and disposal of material.

**Schedule of Items**

Attached, dated July 03, 2018, are the revised Schedule of Items Pages 1 – 54.

**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 11, 12, 44, 46, 53, 294, 323, 324, 329, 330, 331, 332, 335, 336, 337, 338, 339, 340, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 385, 401, 568, 581, 582, 583, 586, 587, 591, 619, 621, 664, 665, 666, 667, 668, 669, 726, 727, 1094, 1095, 1096, 1097, 1101, 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, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571

**ID 1030-20-87** sheet, 70, 110, 146, 197, 198, 200, 211, 212, 213, 214, 215, 216, 358, 362, 369, 370, 372, 373, 374, 375, 376, 377, 451, 452, 881, 895, 918, 933, 934, 994, 995, 996, 997, 998, 999, 1006, 1011, 1277, 1281

**ID 1035-01-72** sheet, 58, 62, 63, 114, 115

**ID 1035-01-74** sheet, 108, 118, 121, 164, 236, 237, 239, 240, 253, 465, 466

**ID 1035-01-79** sheet 7, 16, 43, 44, 45, 46, 47, 48, 49, 50, 61, 62, 65, 66, 67, 68, 69, 70, 84, 147, 151, 154, 155, 156, 157, 158, 159, 163

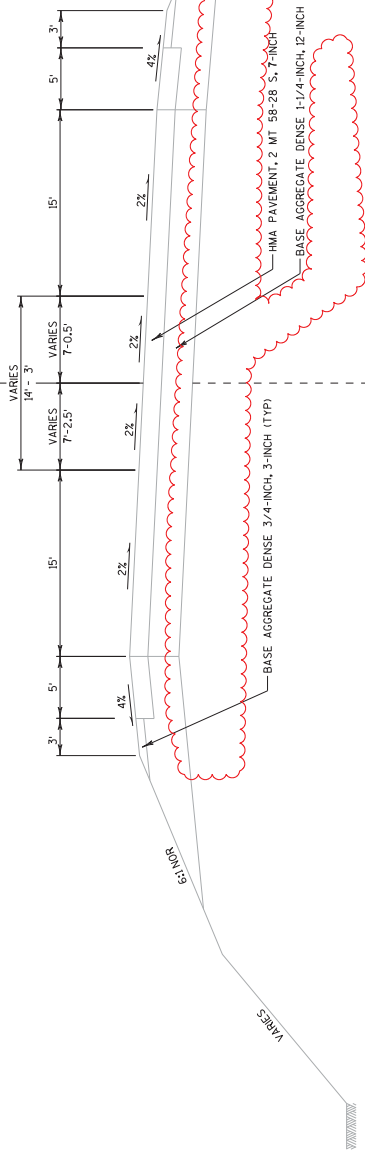
**Added Plan Sheets**

**ID 1030-20-84** sheet, 80A

**ID 1030-20-87** sheet, 706A-B and 706C-D

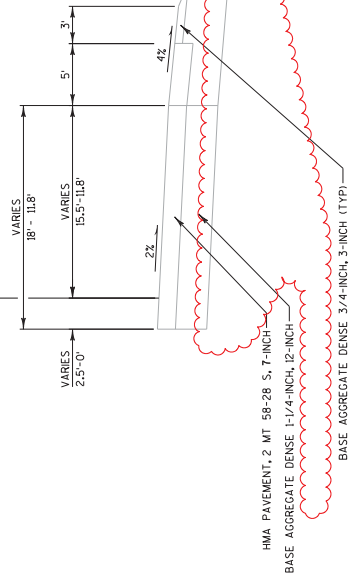
END OF ADDENDUM

R/L  
R/YA



Addendum No. 01  
ID 1030-20-84  
Revised Sheet 11  
July 3, 2018

R/L  
R/YA



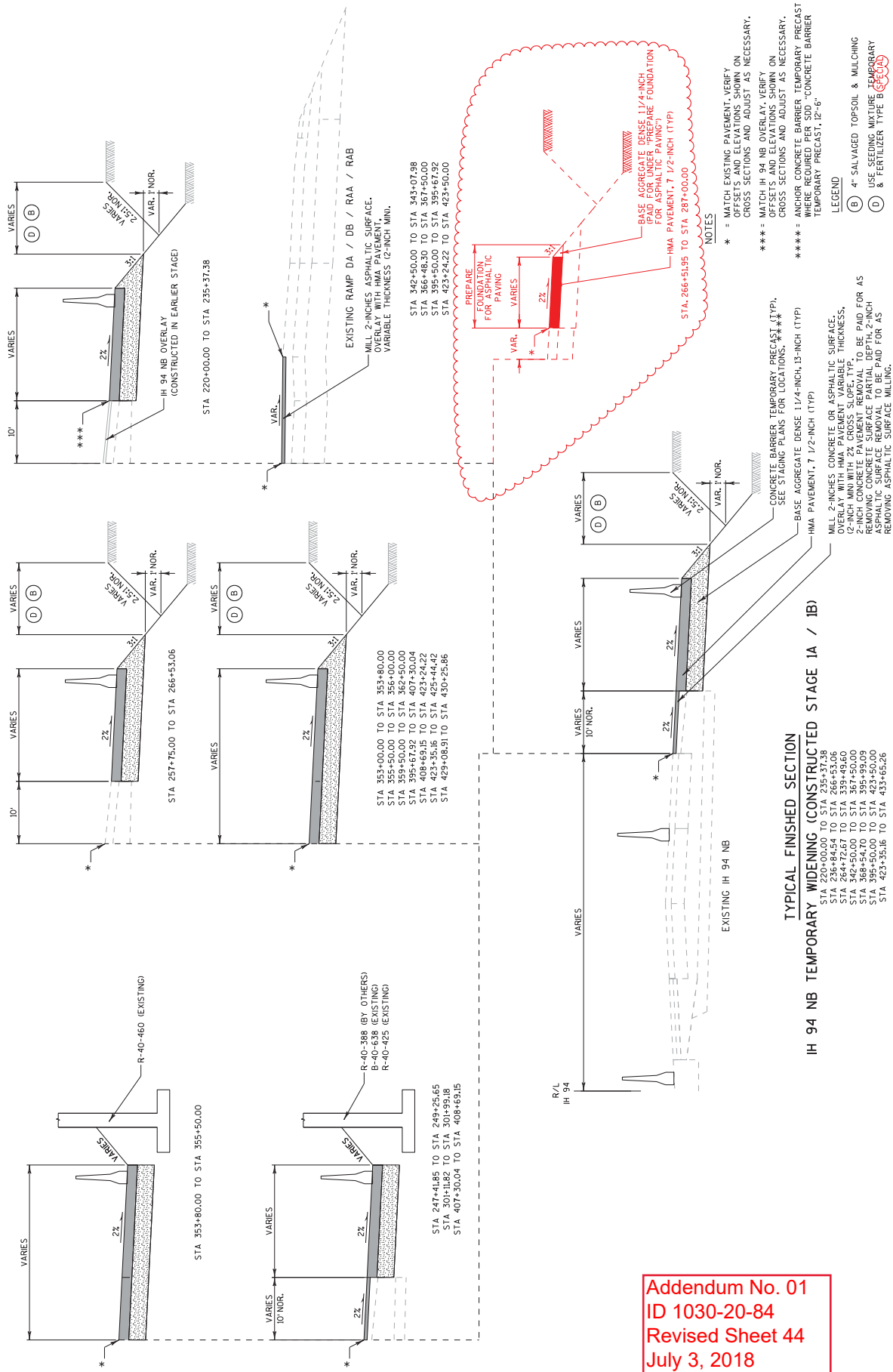
STA 262RYA+23.36 TO STA 262RYA+99.36

**TYPICAL EXISTING SECTION**  
**RAMP RYA**

STA. 260RYA+89 TO STA 262RYA+99

<b>PROJECT NO: 1030-20-84</b>	<b>HWY: IH 94</b>	<b>COUNTY: MILWAUKEE</b>	<b>TYPICAL SECTIONS</b>
FILE NAME : S:\NF\Inal\Des\gm\MIL\10302084_SMARoads\cbs\020305_1s_RY.dgn			
PLOT DATE : 28-JUN-2018 09:21			
PLOT BY : MCKLB			
PLOT NAME : 020305_1s_RY			
PLOT SCALE : 10:1			
			<b>SHEET 11</b>
			<b>E</b>



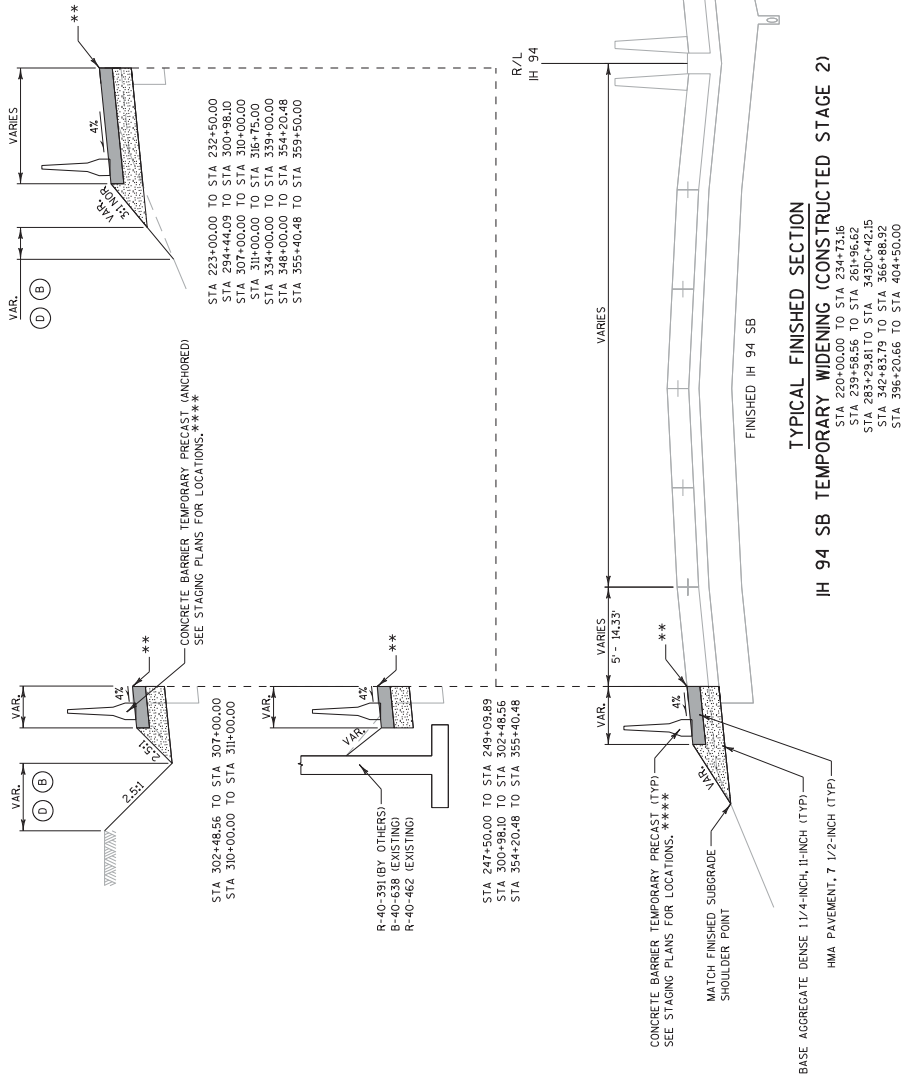


Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 44  
 July 3, 2018

- NOTES**
- \* MATCH EXISTING PAVEMENT VERIFY OFFSETS AND ELEVATIONS SHOWN ON CROSS SECTIONS AND ADJUST AS NECESSARY.
  - \*\*\* = MATCH IH 94 NB OVERLAY VERIFY OFFSETS AND ELEVATIONS SHOWN ON CROSS SECTIONS AND ADJUST AS NECESSARY.
  - \*\*\*\* = ANCHOR CONCRETE BARRIER TEMPORARY PRECAST WHERE REQUIRED PER STD. "CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

- LEGEND**
- (B) 4" SALVAGED TOPSOIL & MULCHING
  - (D) USE SEEDING MIXTURE TEMPORARY & FERTILIZER TYPE B (SEED)

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 46  
 July 3, 2018



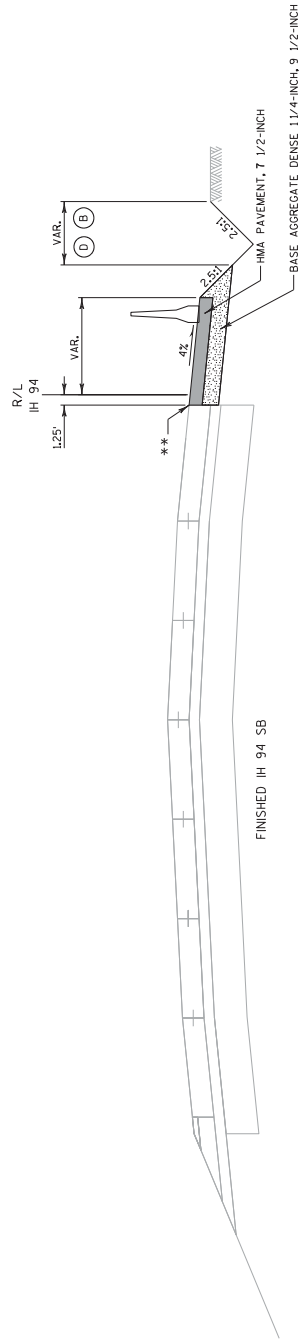
NOTES

- \*\*\* = MATCH FINISHED PAVEMENT, VERIFY OFFSETS AND ELEVATIONS SHOWN ON CROSS SECTIONS AND ADJUST AS NECESSARY.
- \*\*\*\*\* = ANCHOR CONCRETE BARRIER TEMPORARY PRECAST WHERE REQUIRED PER SD-11 CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"

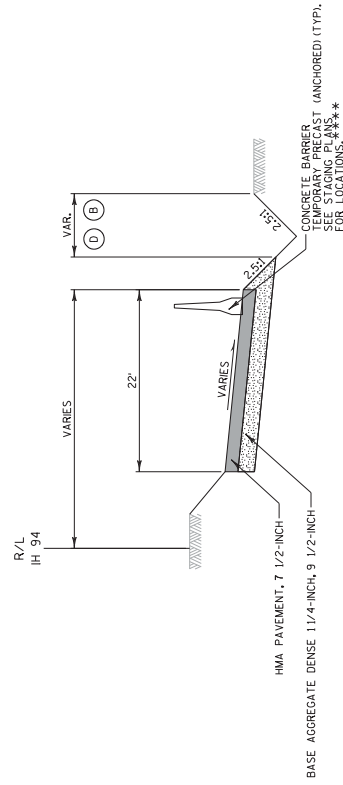
LEGEND

- (B) 4" SALVAGED TOPSOIL & MULCHING
- (D) USE SEEDING MIXTURE TEMPORARY & FERTILIZER TYPE B (SE-14)

Addendum No. 01  
ID 1030-20-84  
Revised Sheet 53  
July 3, 2018



TYPICAL FINISHED SECTION  
DA TEMPORARY CROSSOVER (CONSTRUCTED STAGE 3)  
STA 371+27.20 TO STA 381+17.30



TYPICAL FINISHED SECTION  
DA TEMPORARY CROSSOVER (CONSTRUCTED STAGE 3)  
STA 370+21.47 TO STA 371+27.20

- LEGEND
- (B) 4" SALVAGED TOPSOIL & MULCHING
  - (D) USE SEEDING MIXTURE TEMPORARY & FERTILIZER TYPE B

- NOTES
- \* = MATCH EXISTING PAVEMENT, VERIFY OFFSETS AND ELEVATIONS, SHOWN ON CROSS SECTIONS AND ADJUST AS NECESSARY.
  - \*\* = MATCH FINISHED PAVEMENT, VERIFY OFFSETS AND ELEVATIONS, SHOWN ON CROSS SECTIONS AND ADJUST AS NECESSARY.
  - \*\*\*\* = ANCHOR CONCRETE BARRIER TEMPORARY PRECAST WHERE REQUIRED PER STD. "CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"





FREEWAY LIGHTING SHALL BE INSTALLED IN COMPLIANCE WITH WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTIONS 652 TO 657 AND 659 EXCEPT:

1. DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THESE DRAWINGS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.
2. LOCATIONS OF THE PVC CONDUITS ARE IDENTIFIED IN THE PLANS WHERE THEY ARE REQUIRED. HOWEVER, UNDER THE APPROVAL OF THE ENGINEER, INSTALLATION WILL REQUIRE INTEGRATION WITH EXISTING FIELD CONDITIONS. APPROPRIATE ADJUSTMENT ON CONDUIT LOCATIONS MAY BE MADE IF THE FIELD CONDITIONS ARE SUCH THAT THE CONDUIT CANNOT BE INSTALLED AT THE SPECIFIED LOCATIONS. FIELD MARK EACH CONDUIT LOCATION IN RED TO ILLUSTRATE AS BUILT CONDITIONS.
3. THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.
4. ALL OPEN AND UNTERMINATED CONDUITS SHALL BE CAPPED OR PLUGGED WITH ENGINEER APPROVED FITTINGS IMMEDIATELY AFTER INSTALLATION.
5. BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR IMMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.
6. ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON ALL CONDUITS.
7. PRIOR TO CONDUIT ACCEPTANCE, ALL CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND BE CAPPED WITH THE APPROPRIATE CAST PLASTIC CAP WHICH FITS SNUGGLY ON THE CONDUIT, BUT EASILY REMOVED IN THE FUTURE. DUCT TAPE OR ANY OTHER CAPPING METHOD IS NOT ACCEPTABLE.
8. CONDUIT RUNS SHALL BE THE SAME SIZE PIPE FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX-OR-BASE TO BASE, ETC.) UNLESS OTHERWISE NOTED ON PLANS.
9. PULL ROPE (3/8-INCH NYLON) SHALL BE INSTALLED IN ALL NEW CONDUITS.
10. CONTRACTOR SHALL SUPPLY AS-BUILT DRAWINGS (PDF FORMAT) FOR ALL THE WORK BEING DONE.
11. ALL THE TEMPORARY LIGHT POLES SHALL BE INSTALLED MIN. 35FT OFF THE EDGE OF THE FREEWAY TRAVELED LANE EDGE OF PAVEMENT AND MIN. 20FT OFF THE EDGE OF RAMP PAVEMENT WHERE TEMPORARY BARRIER PROTECTION IS NOT PROVIDED, OTHERWISE SET MINIMUM 2FT OFF FROM BACK OF THE BARRIER.
12. CONDUIT LATERALS SHALL BE TRENCHED UNDER PAVEMENT BEFORE PAVEMENT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ROADWAY CONSTRUCTION FOR CONDUIT LATERALS INSTALLATION.
13. UL LISTED EXPANSION/DEFLECTION COUPLING FOR EMBEDDED CONDUIT TRANSITION BETWEEN TWO MOVABLE STRUCTURES WILL BE INSTALLED AS PART OF STRUCTURAL PAY ITEMS.
14. INSTALLATION OF UNDERGROUND CONDUIT OR CABLE IN DUCT CROSSING NOISE WALL SHALL BE COORDINATED WITH NOISE WALL POST LOCATION. PROVIDE CONDUIT SLEEVE AS SHOWN ON DETAILS FOR CONDUIT OR CABLE IN DUCT CROSSING. INSTALLATION OF CONDUIT SLEEVE WILL BE INCIDENTAL TO NOISE WALL INSTALLATION.
15. PROVIDE 3 INCH PVC CONDUIT ELBOWS IN ALL GROUND MOUNTED CONCRETE BASES INCLUDING LAST POLE IN THE CIRCUIT WHERE CABLE IN DUCT IS ENTERING AND LEAVING THE BASE. THIS WORK IS INCIDENTAL TO THE CONCRETE BASES PAY ITEMS.

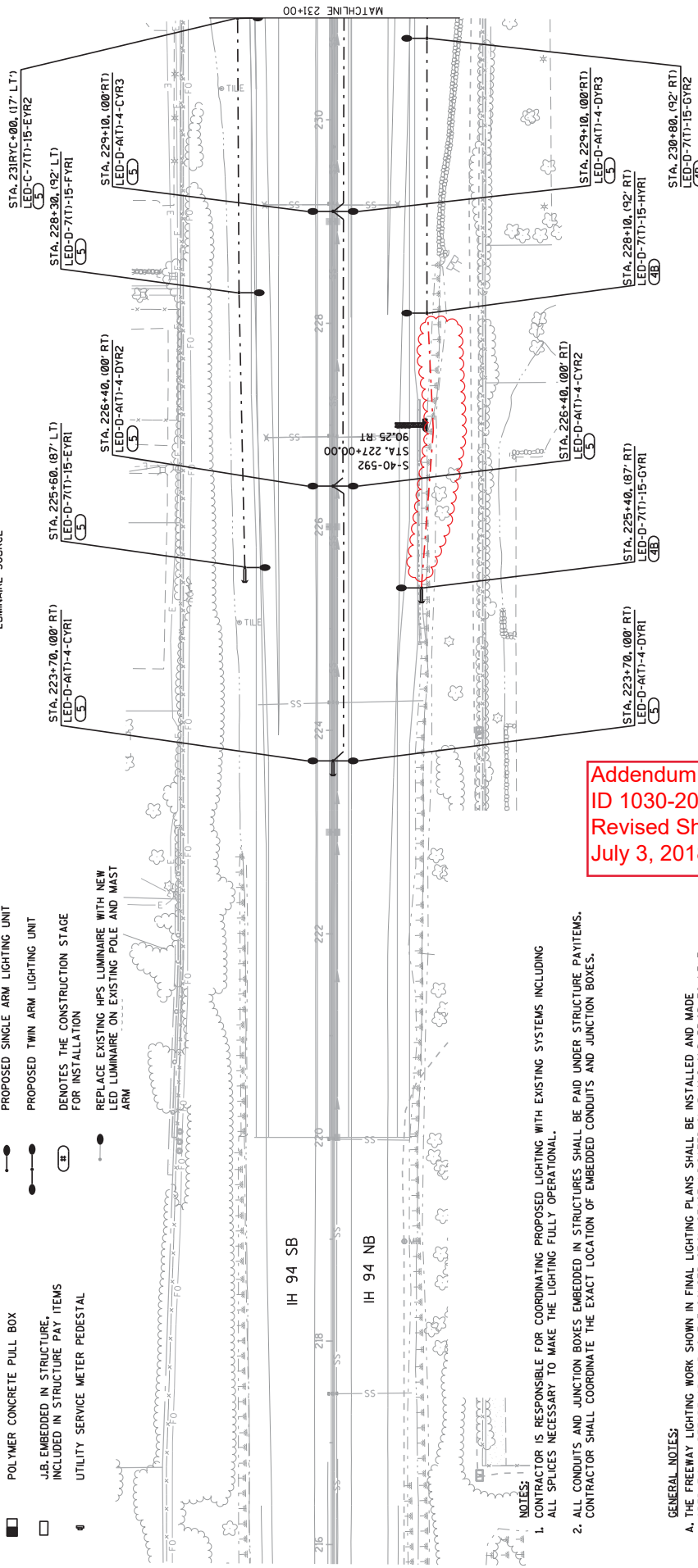
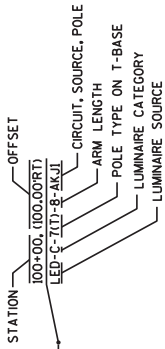
16. PROVIDE A 3" PVC CONDUIT THRU THE MEDIAN SIGN STRUCTURE BASES AS SHOWN ON SIGN STRUCTURE DETAILS. INSTALLATION OF THESE CONDUITS ARE PAID FOR AS INDICATED ON SIGN STRUCTURE INSTALLATION PLANS. CONDUIT WILL BE USED TO PULL CID, OF SIZE INDICATED IN SCHEMATIC SHEETS, THROUGH BASE; COORDINATE CONDUIT IN STRUCTURE WITH TYPICAL 18" DEPTH OF CID INSTALLATION.

17. PROVIDE MINIMUM CABLE SLACK AS MENTIONED BELOW:  
 PULL BOXES: 10-FT  
 POLE BASES: 5-FT ONE WAY IN OR OUT  
 EMBEDDED JUNCTION BOXES: 3-FT  
 DISTRIBUTION CENTER/LOAD CENTER: 10-FT

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 294  
 July 3, 2018

- LEGEND**
- DISTRIBUTION CENTER
  - CONDUIT STUBOUT
  - CABLE IN DUCT
  - CABLE IN CONDUIT - SIZE AS NOTED
  - CID (CABLE IN DUCT) IN CONDUIT - SIZE AS NOTED
  - PULL BOX 24" x 42"
  - POLYMER CONCRETE PULL BOX
  - J.B. EMBEDDED IN STRUCTURE.
  - INCLUDED IN STRUCTURE PAY ITEMS
  - UTILITY SERVICE METER PEDESTAL

- EXISTING SINGLE ARM LIGHT POLE INSTALLED AS PART OF INTERCHANGE CONTRACT (SEE NOTE 1)
- EXISTING TWIN ARM LIGHT POLE INSTALLED AS PART OF INTERCHANGE CONTRACT (SEE NOTE 1)
- EXISTING UDL (UNDER DECK LUMINAIRE)
- UDL (UNDER DECK LUMINAIRE)
- PROPOSED SINGLE ARM LIGHTING UNIT
- PROPOSED TWIN ARM LIGHTING UNIT
- DENOTES THE CONSTRUCTION STAGE FOR INSTALLATION
- REPLACE EXISTING HPS LUMINAIRE WITH NEW LED LUMINAIRE ON EXISTING POLE AND MAST ARM

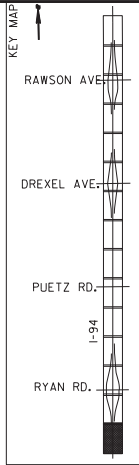


**CAUTION**

THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

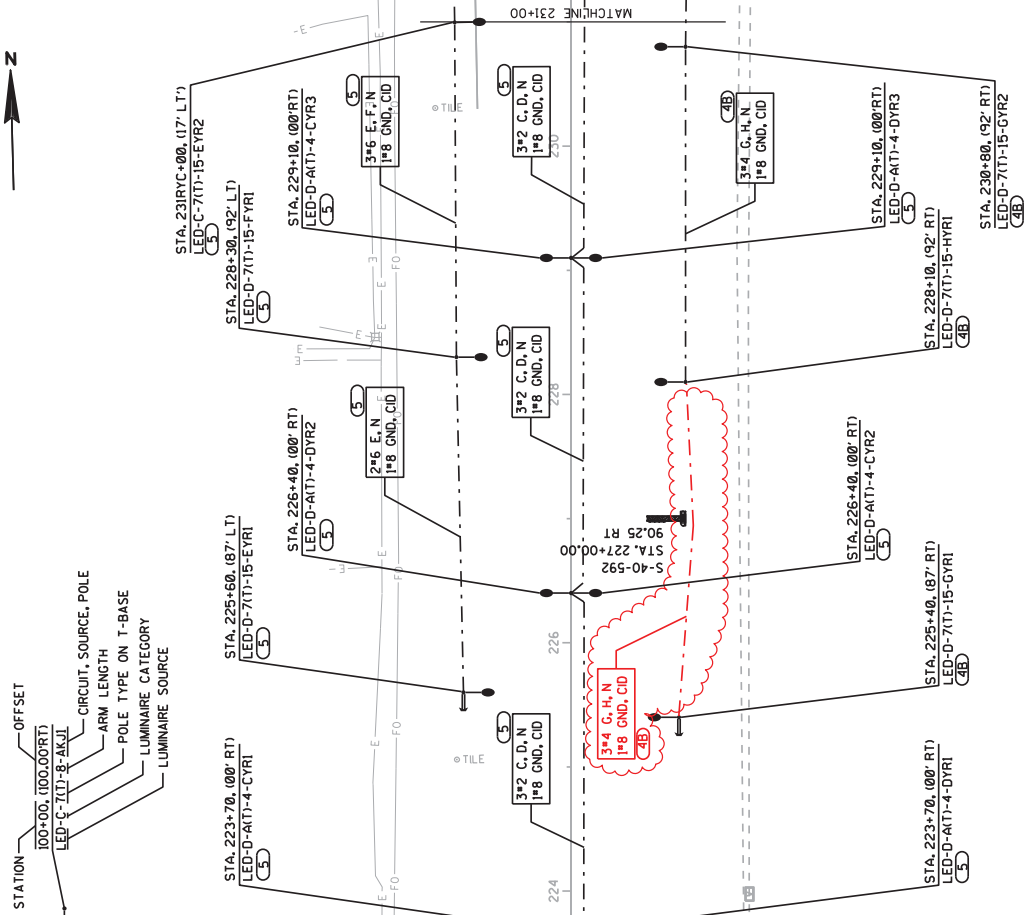
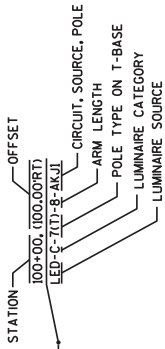
**Addendum No. 01**  
**ID 1030-20-84**  
**Revised Sheet 323**  
**July 3, 2018**

- NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.
  - ALL CONDUITS AND JUNCTION BOXES EMBEDDED IN STRUCTURES SHALL BE PAID UNDER STRUCTURE PAYITEMS. CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF EMBEDDED CONDUITS AND JUNCTION BOXES.
- GENERAL NOTES:**
- THE FREEMAN LIGHTING WORK SHOWN IN FINAL LIGHTING PLANS SHALL BE INSTALLED AND MADE OPERATIONAL BEFORE OR DURING THE CONSTRUCTION STAGE INDICATED ON PLANS AND PRIOR TO NEXT CONSTRUCTION STAGE UNLESS NOTED OTHERWISE.
  - INSTALL COMMON GROUND CONDUCTOR IN CONDUIT WHERE MULTIPLE BRANCH CIRCUITS CONDUCTORS ARE INSTALLED IN SAME CONDUIT AND SPLICE THE GROUND CONDUCTOR IN PULLBOX.
  - CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE LIGHTING SYSTEM INSTALLATION WITH BRIDGE STRUCTURE, RETAINING WALL INSTALLATION, AND SIGN STRUCTURE INSTALLATION.



LEGEND

- DISTRIBUTION CENTER
- CONDUIT STUBOUT
- CABLE IN DUCT
- CABLE IN CONDUIT - SIZE AS NOTED
- CID (CABLE IN CONDUIT) IN CONDUIT - SIZE AS NOTED
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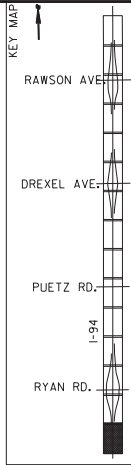


**CAUTION**

THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

**Addendum No. 01**  
**ID 1030-20-84**  
**Revised Sheet 324**  
**July 3, 2018**

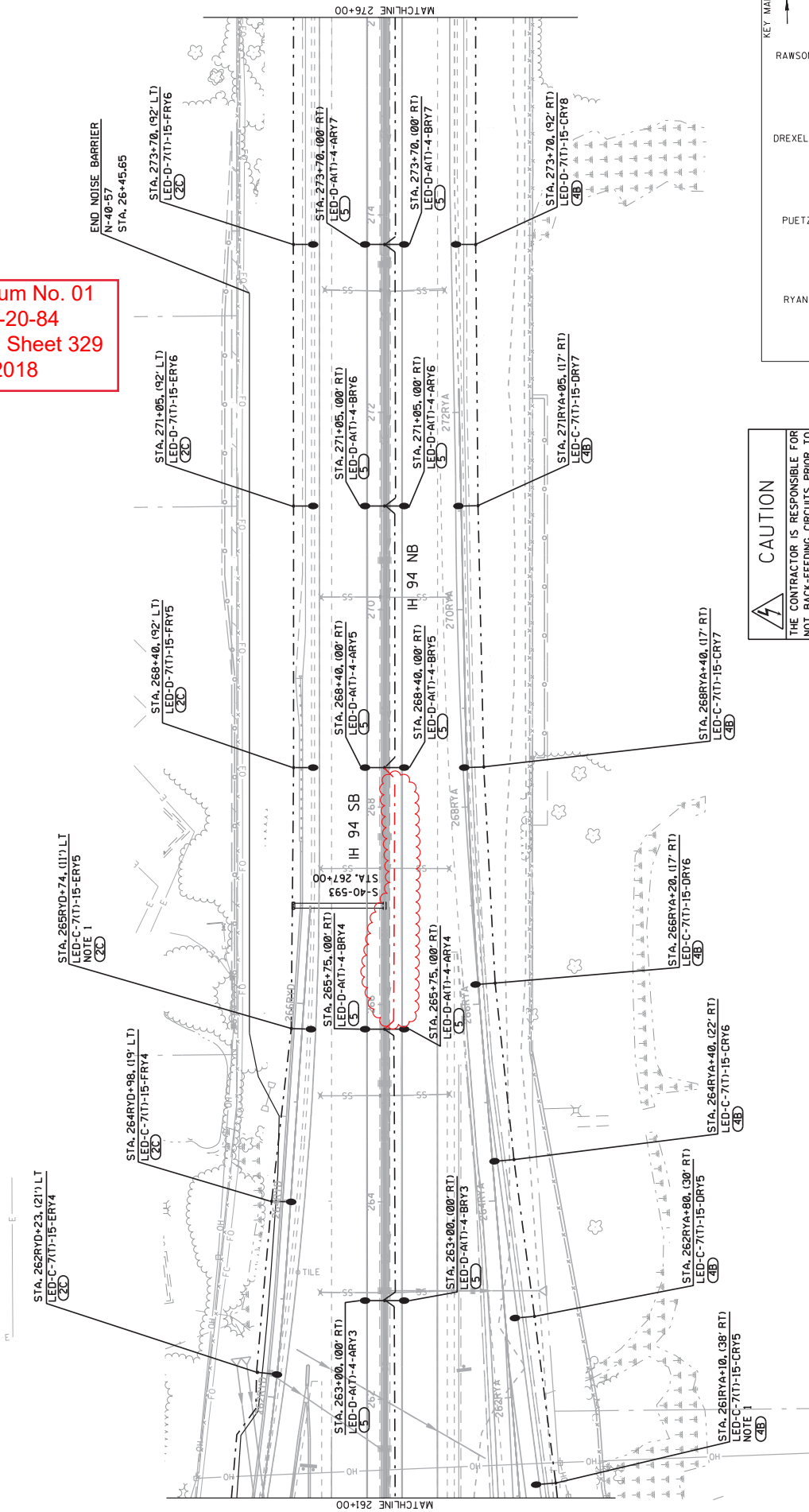
- NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.
  - ALL CONDUITS AND JUNCTION BOXES EMBEDDED IN STRUCTURES SHALL BE PAID UNDER STRUCTURE PAYITEMS. CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF EMBEDDED CONDUITS AND JUNCTION BOXES.
- GENERAL NOTES:**
- THE FREEMAN LIGHTING WORK SHOWN IN FINAL LIGHTING PLANS SHALL BE INSTALLED AND MADE OPERATIONAL BEFORE OR DURING THE CONSTRUCTION STAGE INDICATED ON PLANS AND PRIOR TO NEXT CONSTRUCTION STAGE UNLESS NOTED OTHERWISE.
  - INSTALL COMMON GROUND CONDUCTOR IN CONDUIT WHERE MULTIPLE BRANCH CIRCUITS CONDUCTORS ARE INSTALLED IN SAME CONDUIT AND SPLICE THE GROUND CONDUCTOR IN PULLBOX.
  - CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE LIGHTING SYSTEM INSTALLATION WITH BRIDGE STRUCTURE, RETAINING WALL INSTALLATION, AND SIGN STRUCTURE INSTALLATION.





Addendum No. 01  
ID 1030-20-84  
Revised Sheet 329  
July 3, 2018

NOTE:  
1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.

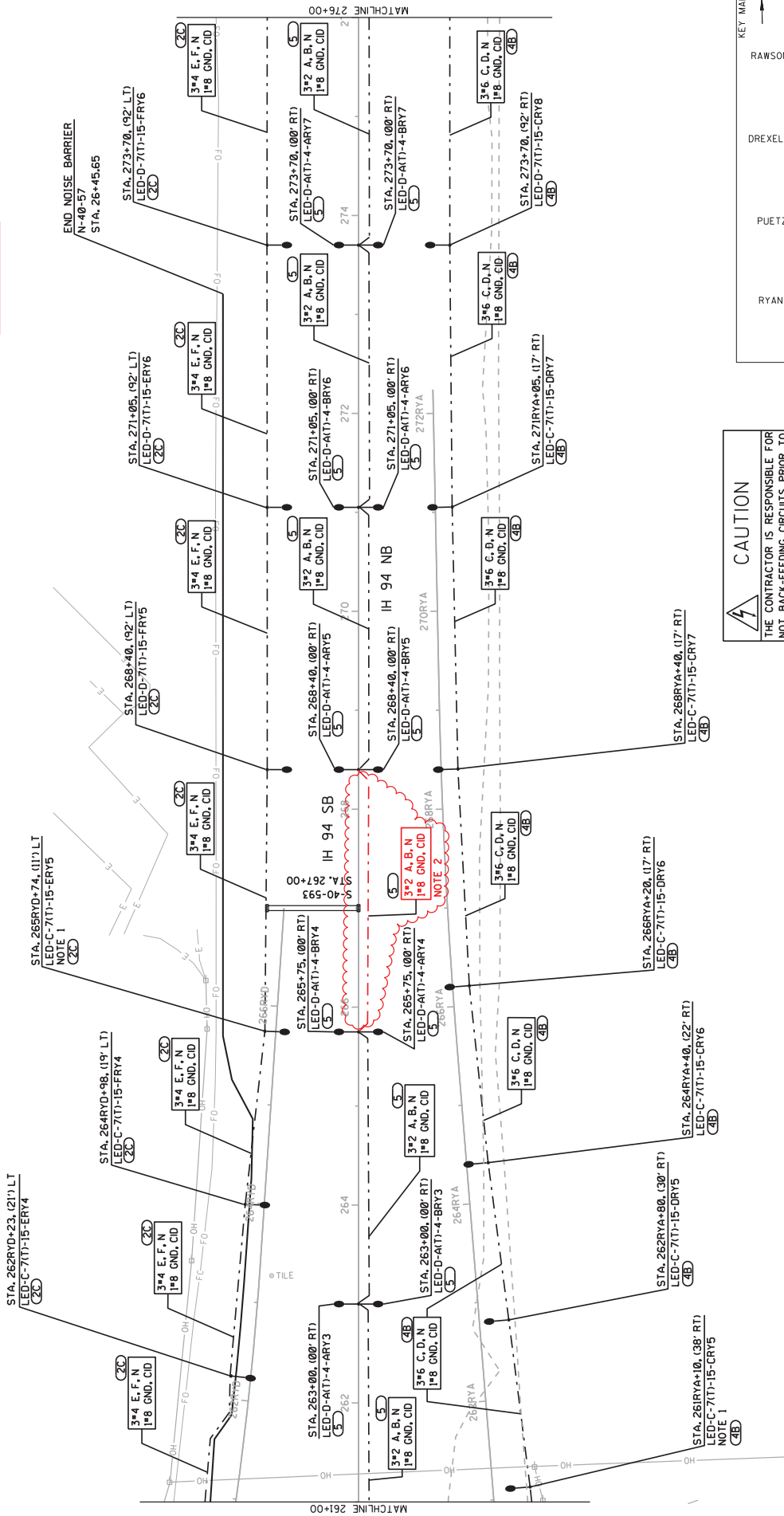


**CAUTION**  
THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

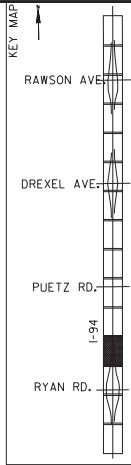


Addendum No. 01  
ID 1030-20-84  
Revised Sheet 330  
July 3, 2018

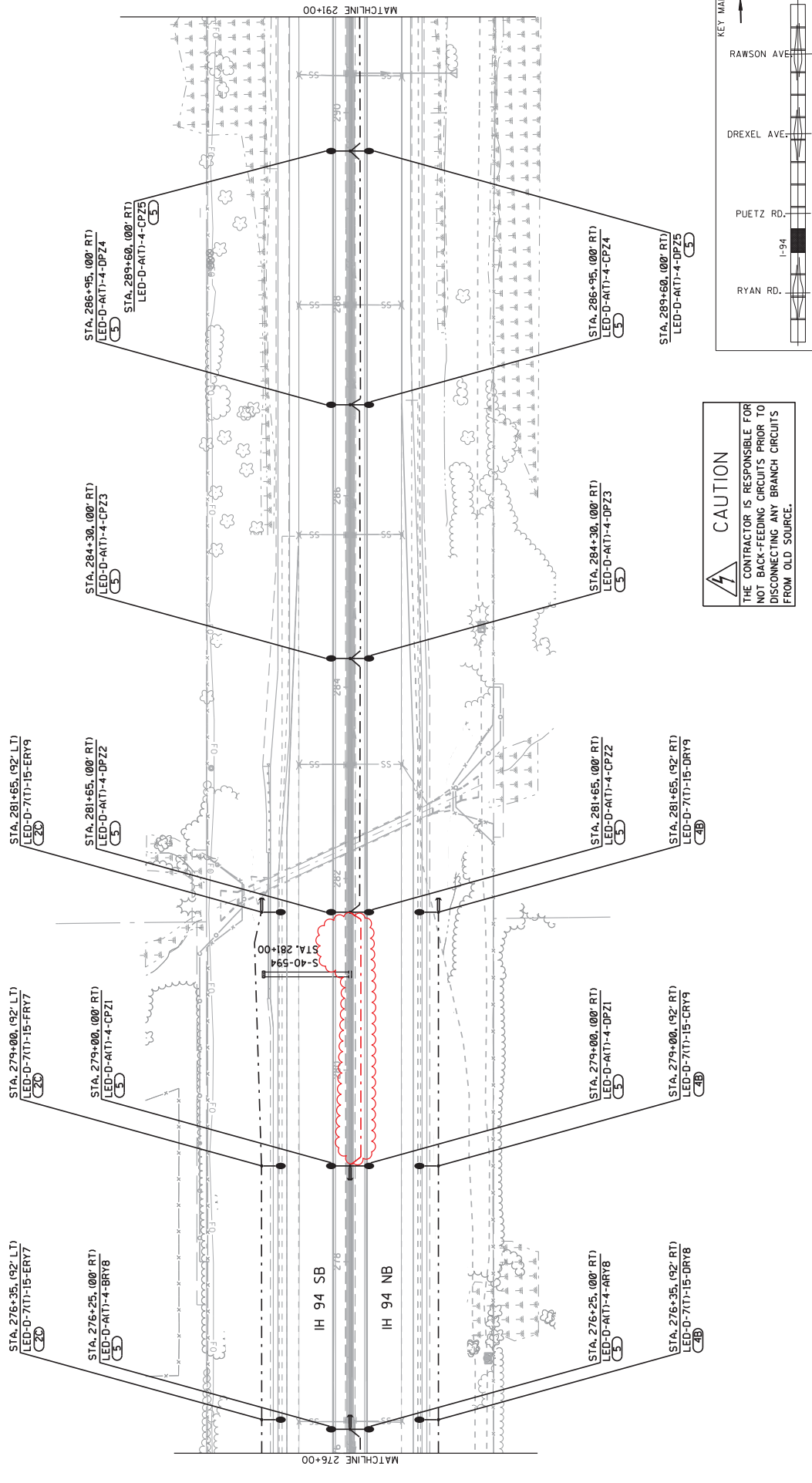
NOTE:  
1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.  
2. PULL CID THROUGH 3" CONDUIT IN BASE OF SIGN STRUCTURE.



**CAUTION**  
THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.



Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 331  
 July 3, 2018



**CAUTION**

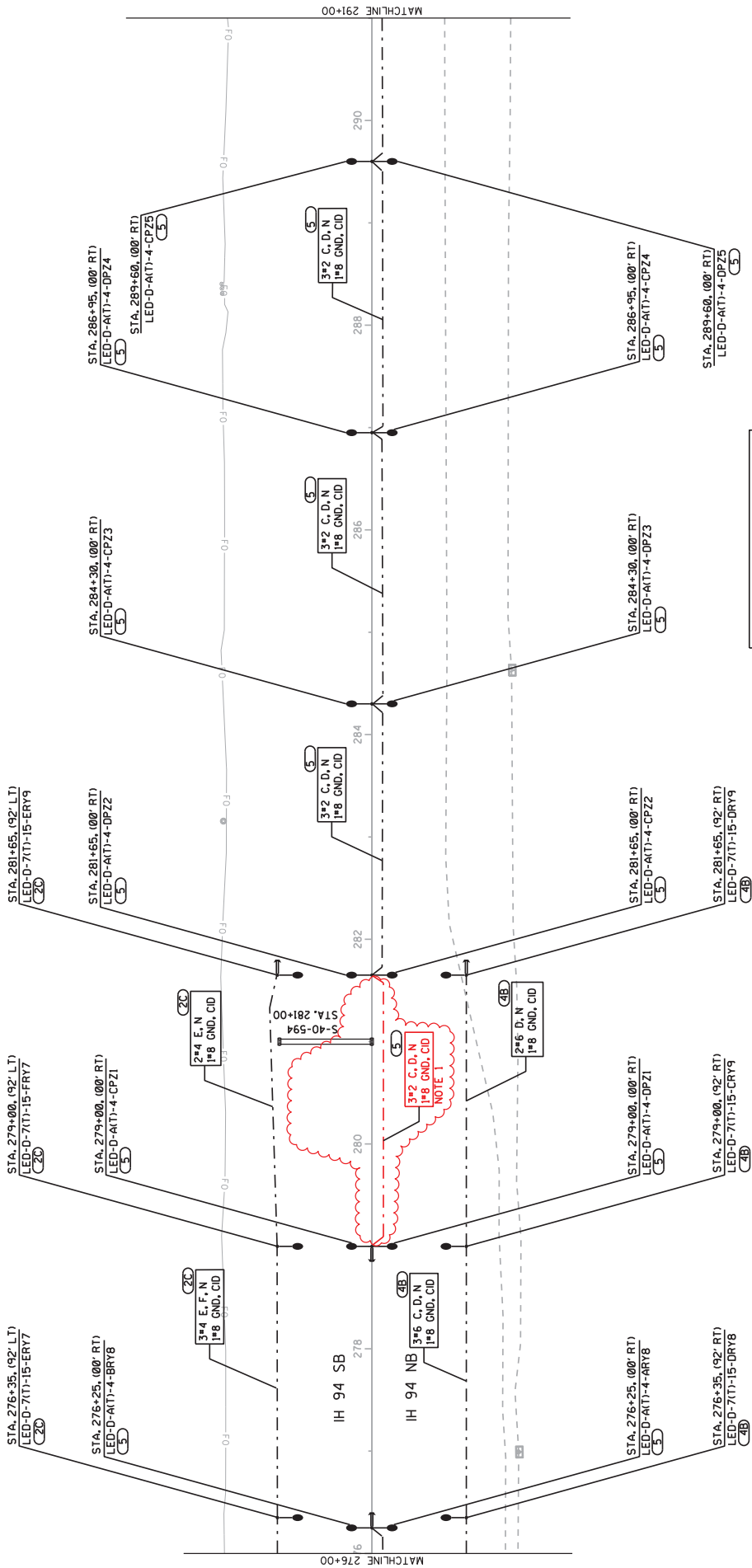
THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 332  
 July 3, 2018

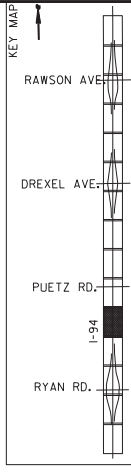


2

NOTE:  
 1. PULL CID THROUGH 3" CONDUIT IN BASE OF SIGN STRUCTURE.



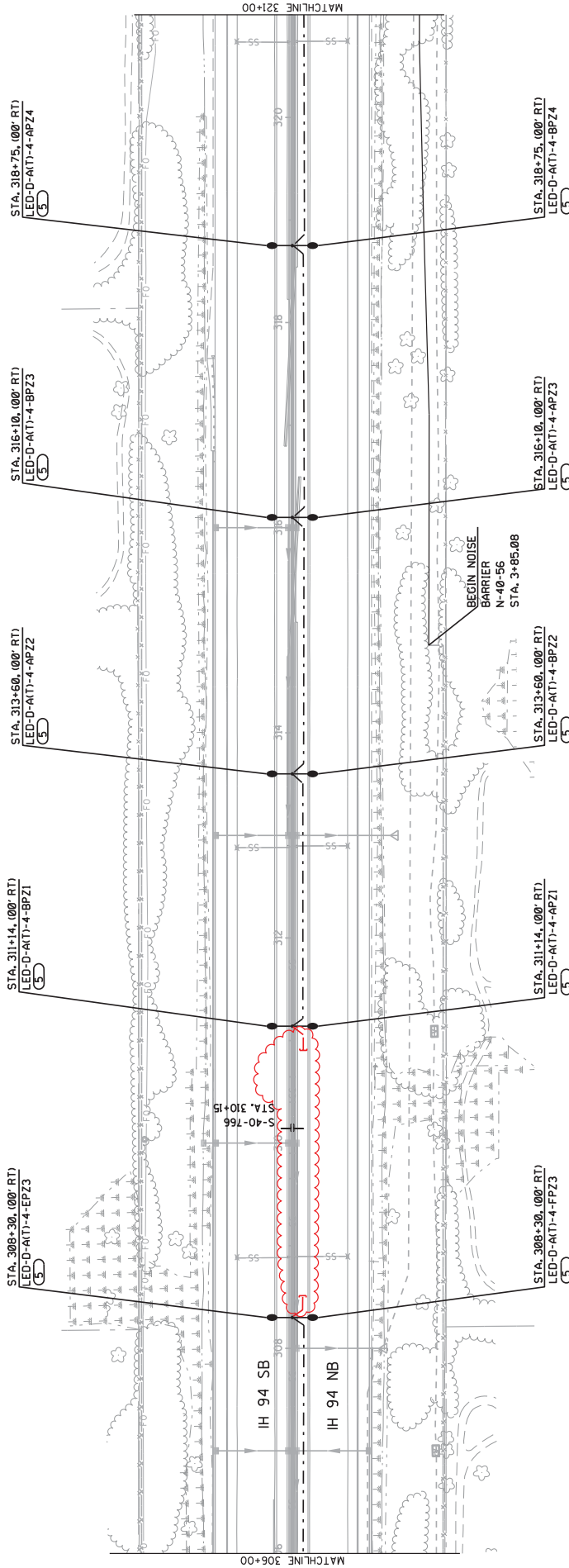
**CAUTION**  
 THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.



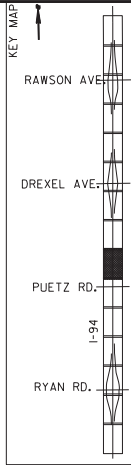




Addendum No. 01  
ID 1030-20-84  
Revised Sheet 335  
July 3, 2018

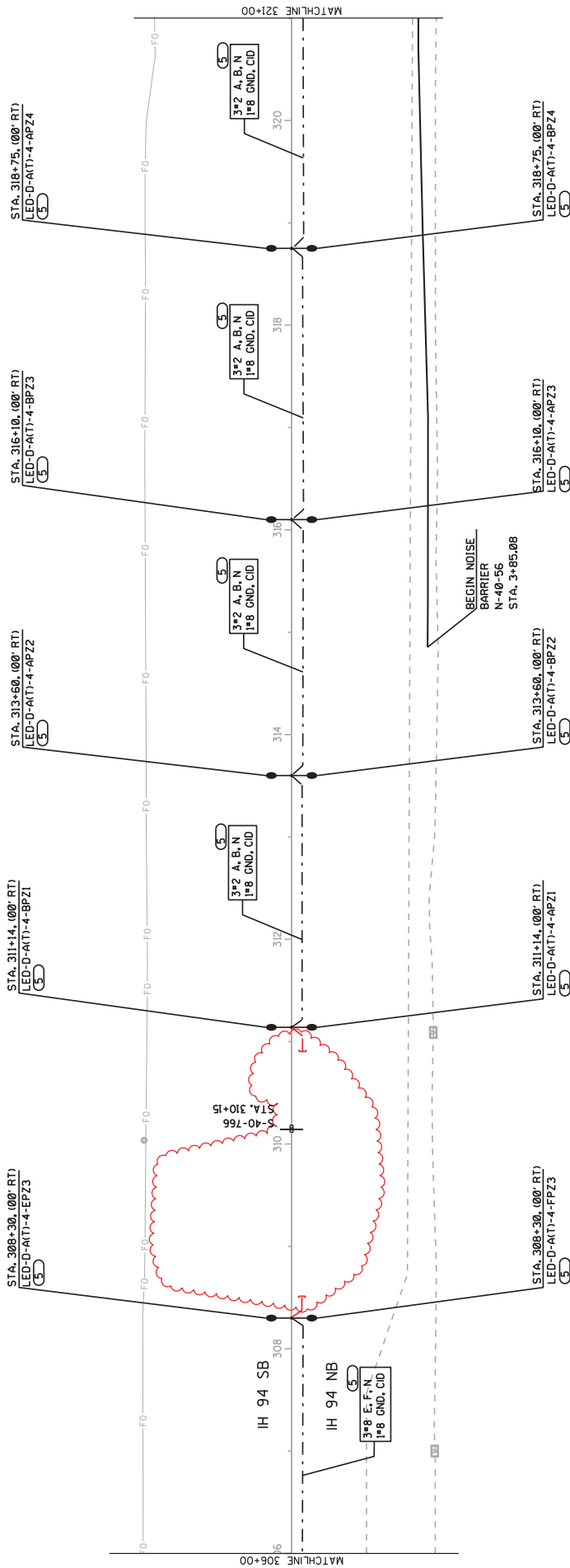


**CAUTION**  
THE CONTRACTOR IS RESPONSIBLE FOR  
NOT BACK-FEEDING CIRCUITS PRIOR TO  
DISCONNECTING ANY BRANCH CIRCUITS  
FROM OLD SOURCE.



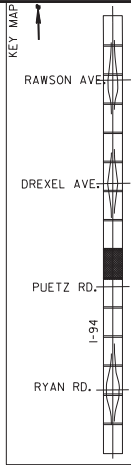


Addendum No. 01  
ID 1030-20-84  
Revised Sheet 336  
July 3, 2018



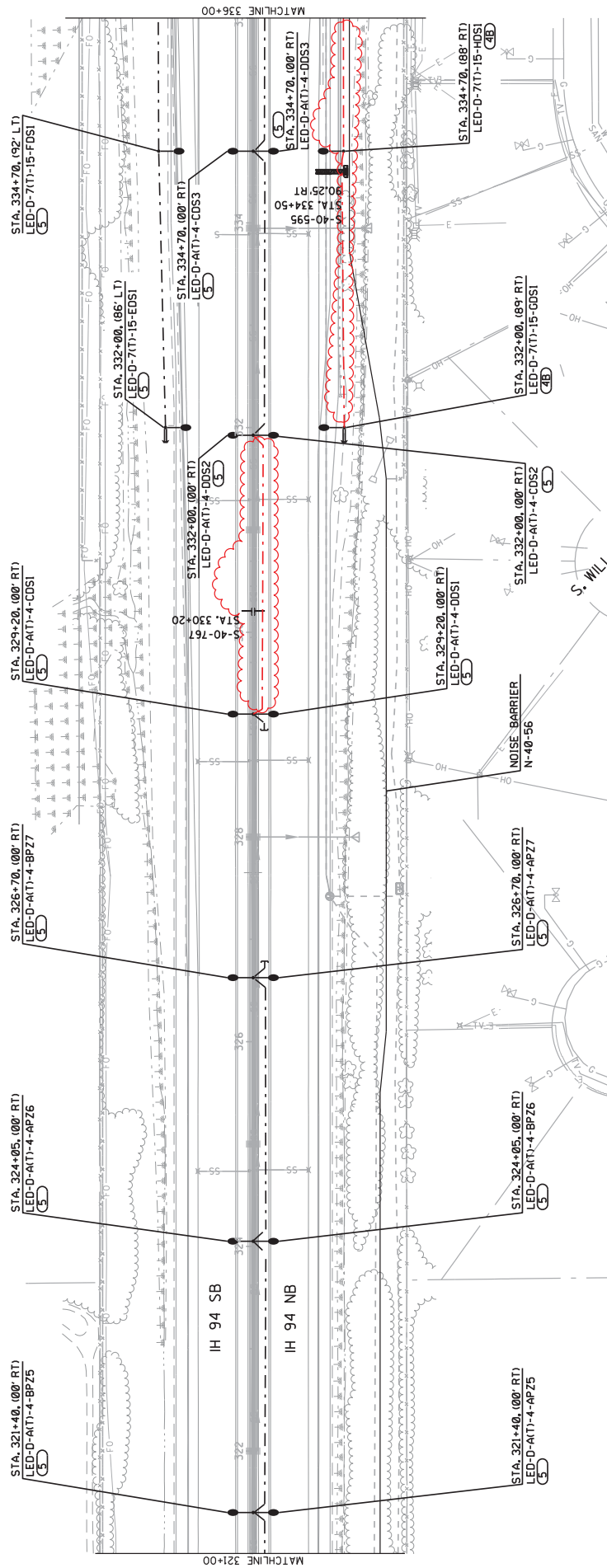
**CAUTION**

THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

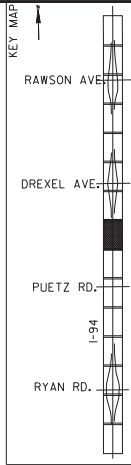




Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 337  
 July 3, 2018



**CAUTION**  
 THE CONTRACTOR IS RESPONSIBLE FOR  
 NOT BACK-FEEDING CIRCUITS PRIOR TO  
 DISCONNECTING ANY BRANCH CIRCUITS  
 FROM OLD SOURCE.

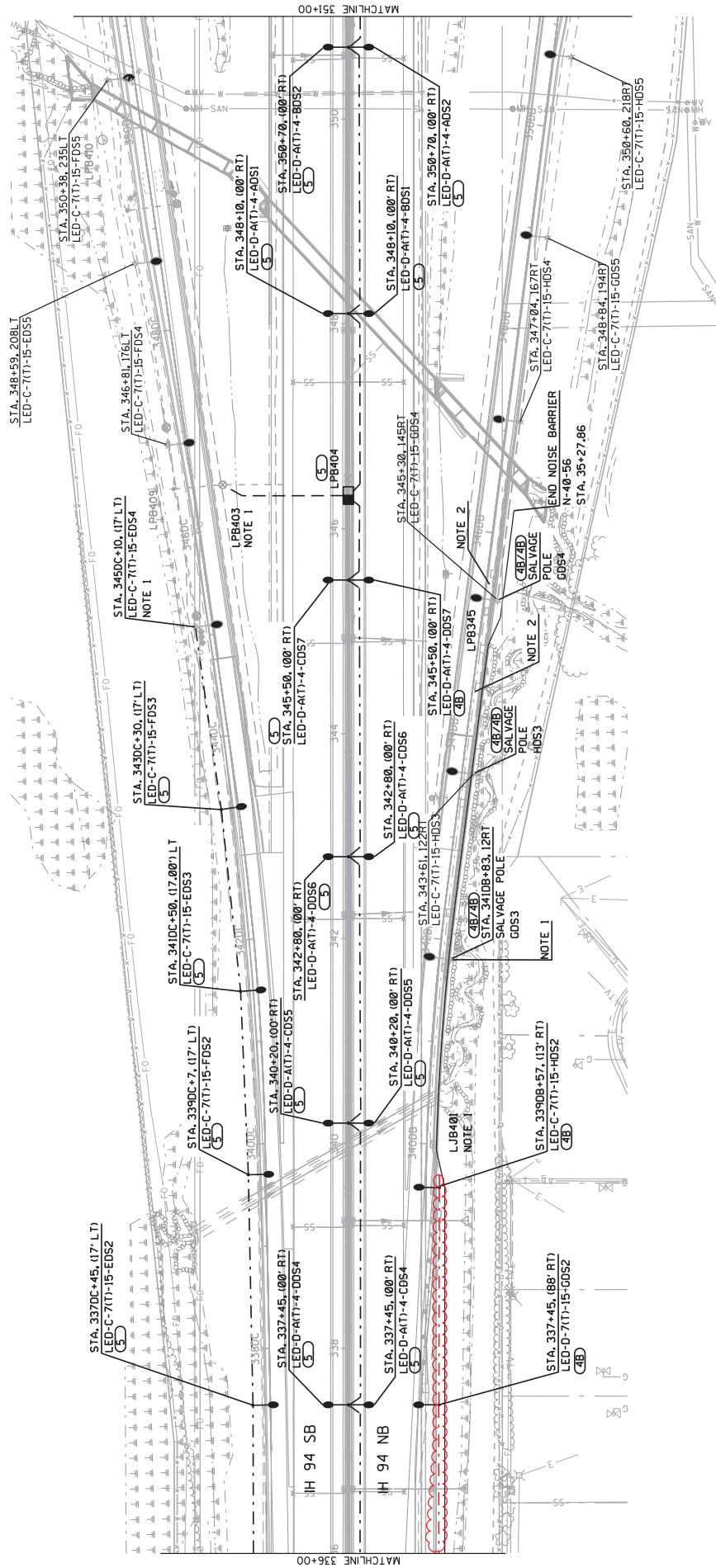






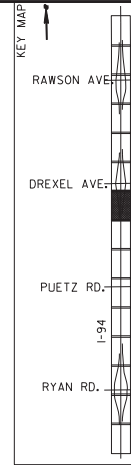
Addendum No. 01  
ID 1030-20-84  
Revised Sheet 339  
July 3, 2018

- NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.
  2. PROTECT EXISTING CONDUIT IN PLACE DURING NOISE BARRIER CONSTRUCTION.



**CAUTION**

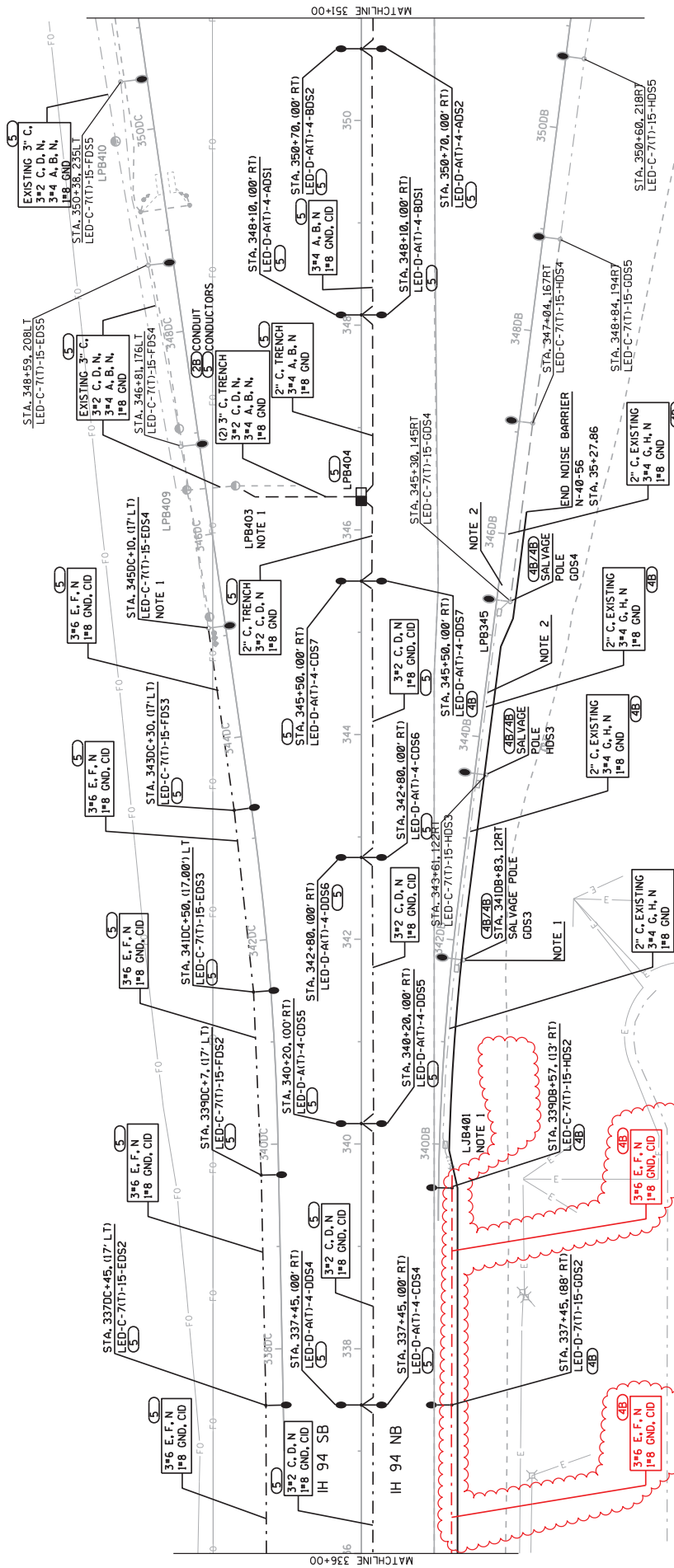
THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.





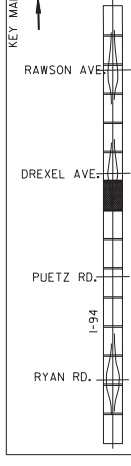
Addendum No. 01  
ID 1030-20-84  
Revised Sheet 340  
July 3, 2018

- NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.
  2. PROTECT EXISTING CONDUIT IN PLACE DURING NOISE BARRIER CONSTRUCTION.



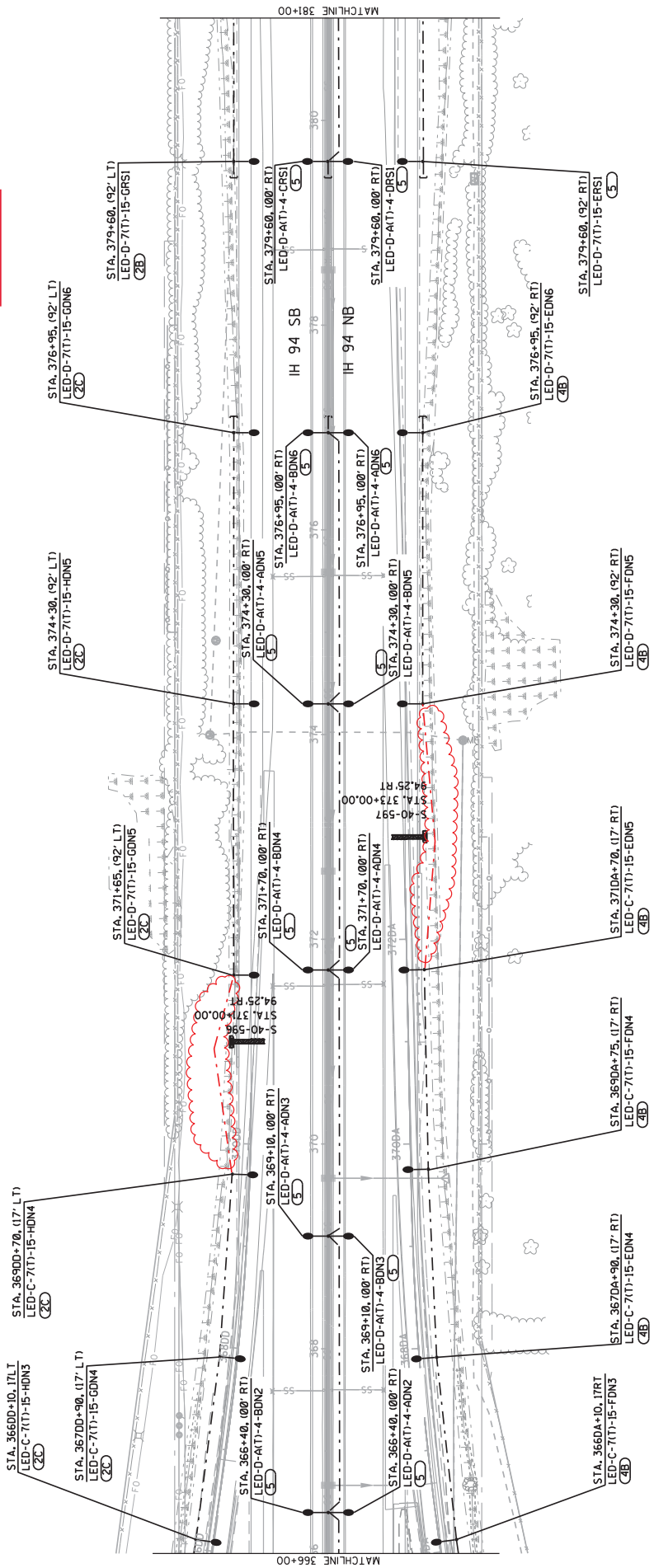
**CAUTION**

THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

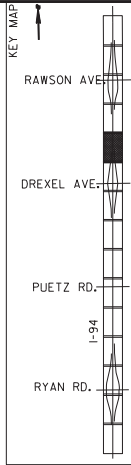




Addendum No. 01  
ID 1030-20-84  
Revised Sheet 343  
July 3, 2018



**CAUTION**  
THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

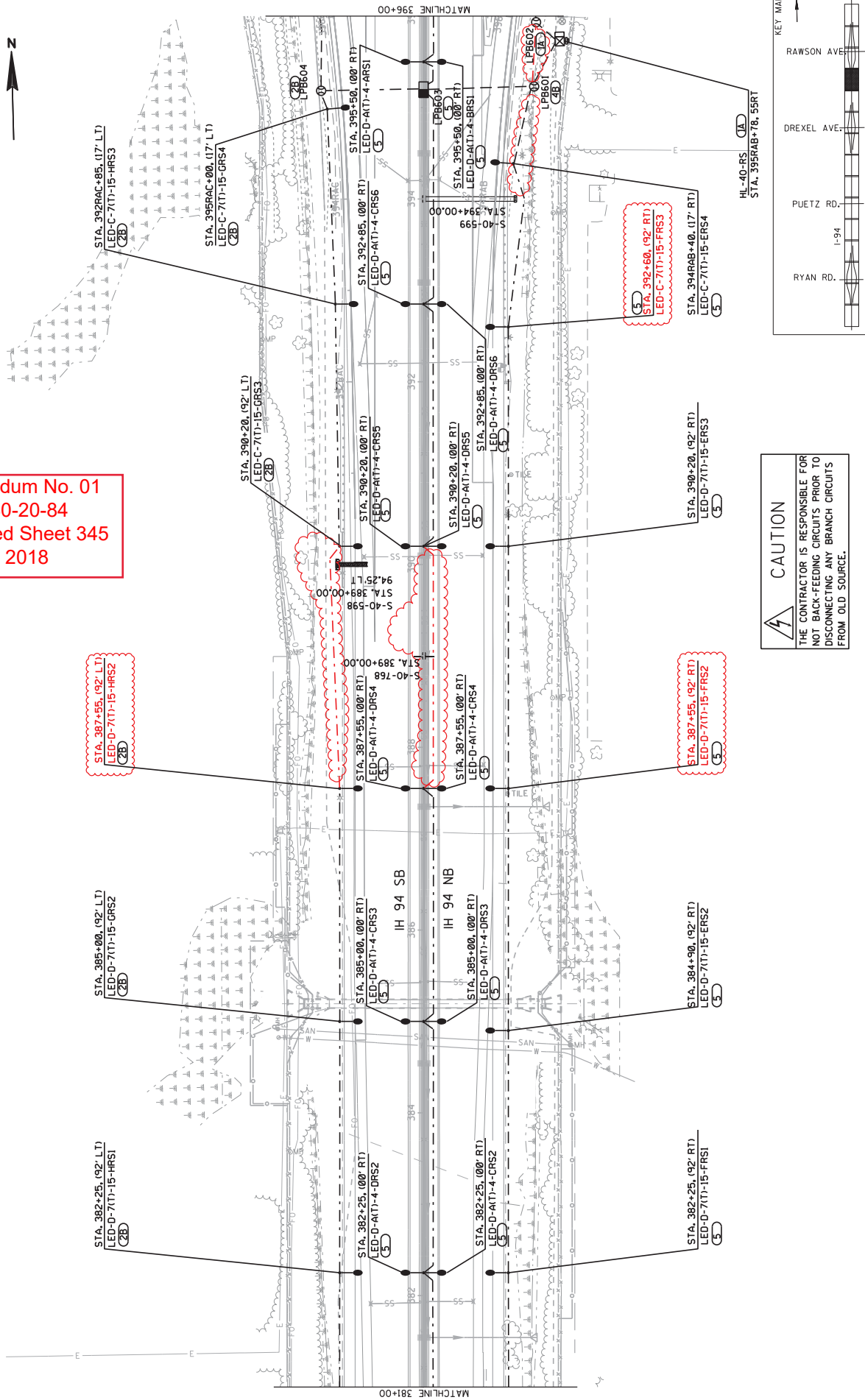


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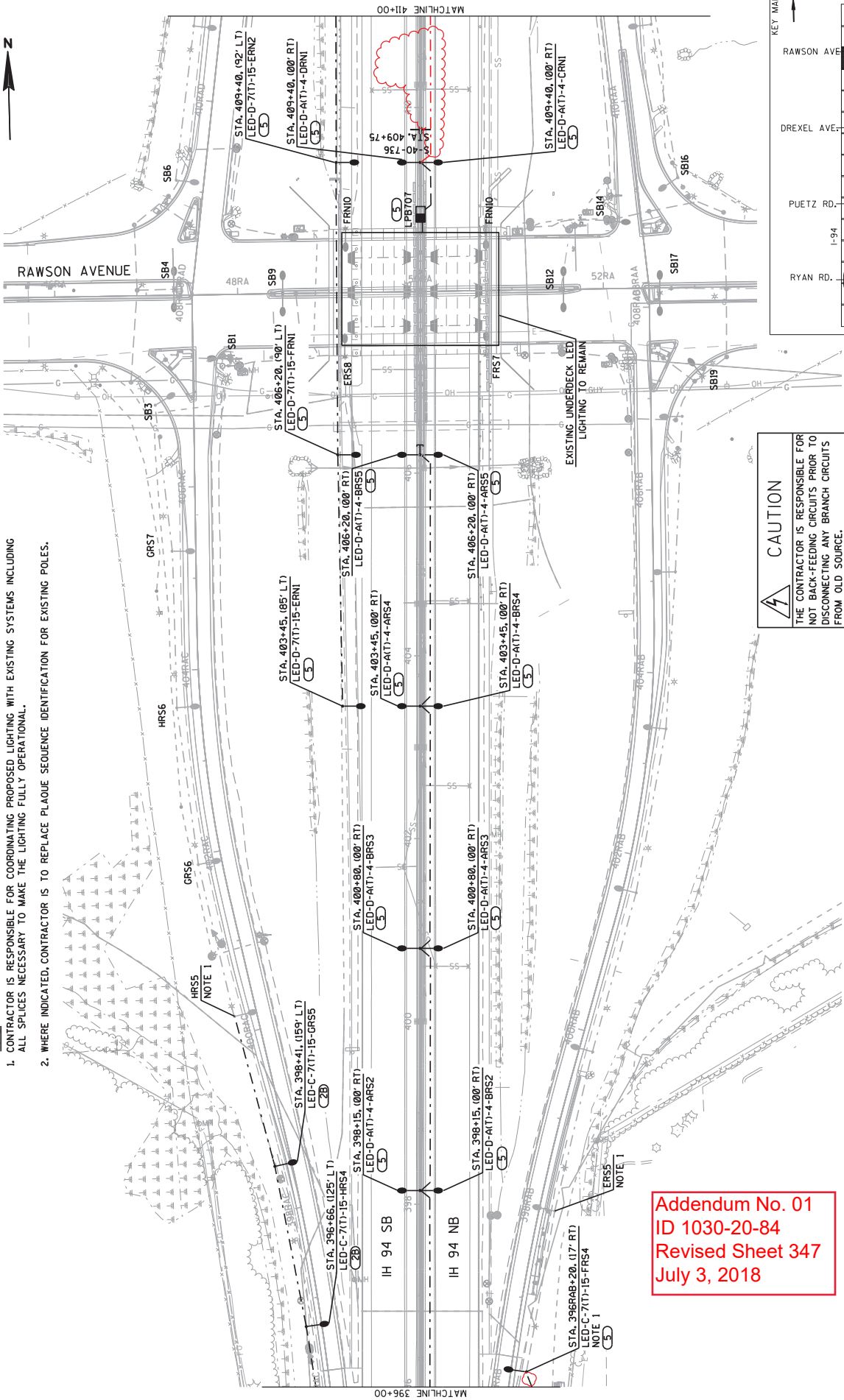
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 345  
 July 3, 2018







- NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.
  2. WHERE INDICATED, CONTRACTOR IS TO REPLACE PLAQUE SEQUENCE IDENTIFICATION FOR EXISTING POLES.

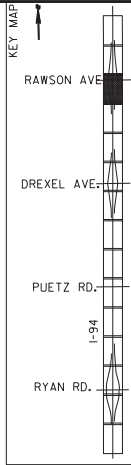
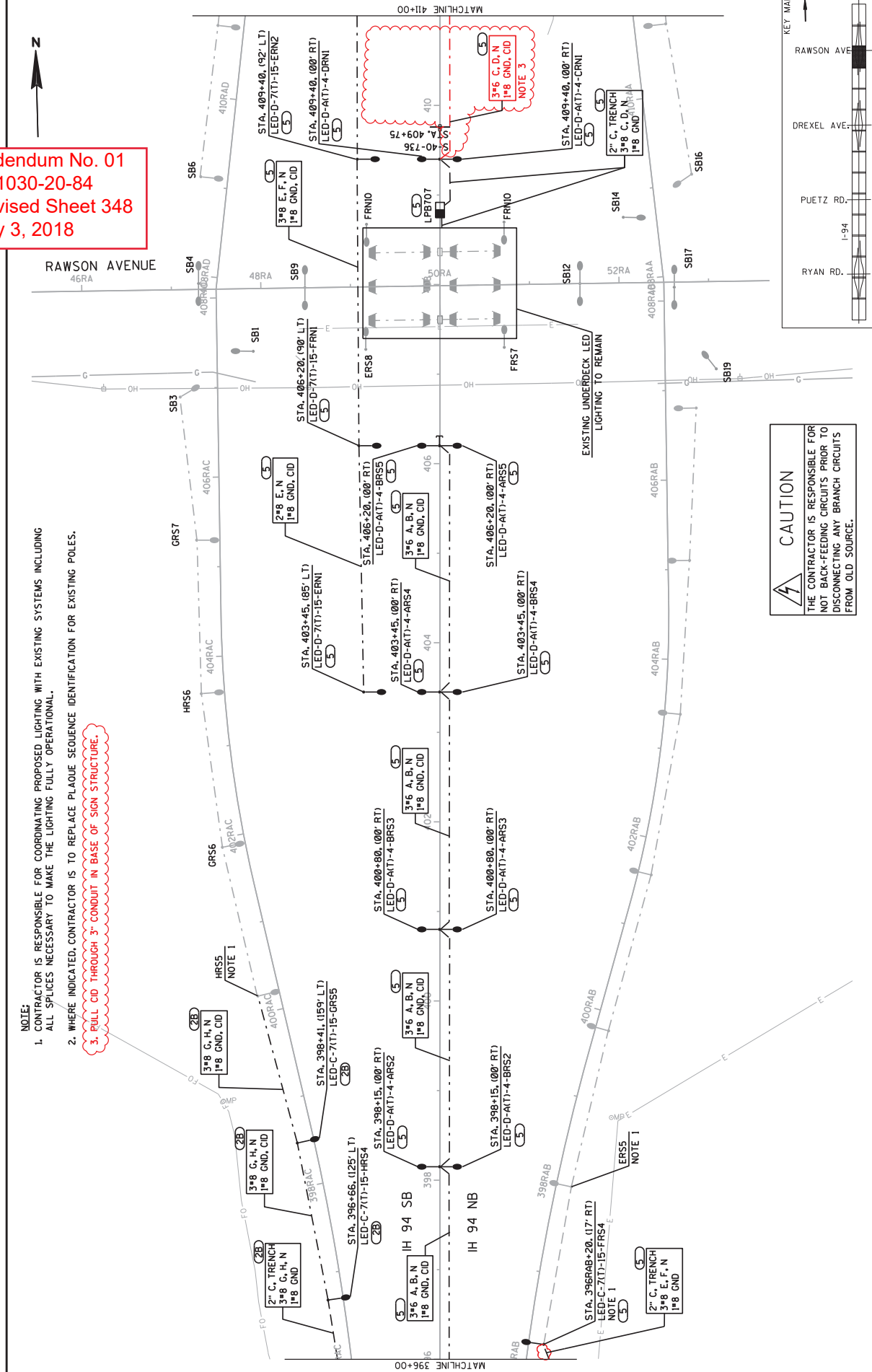


Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 347  
 July 3, 2018



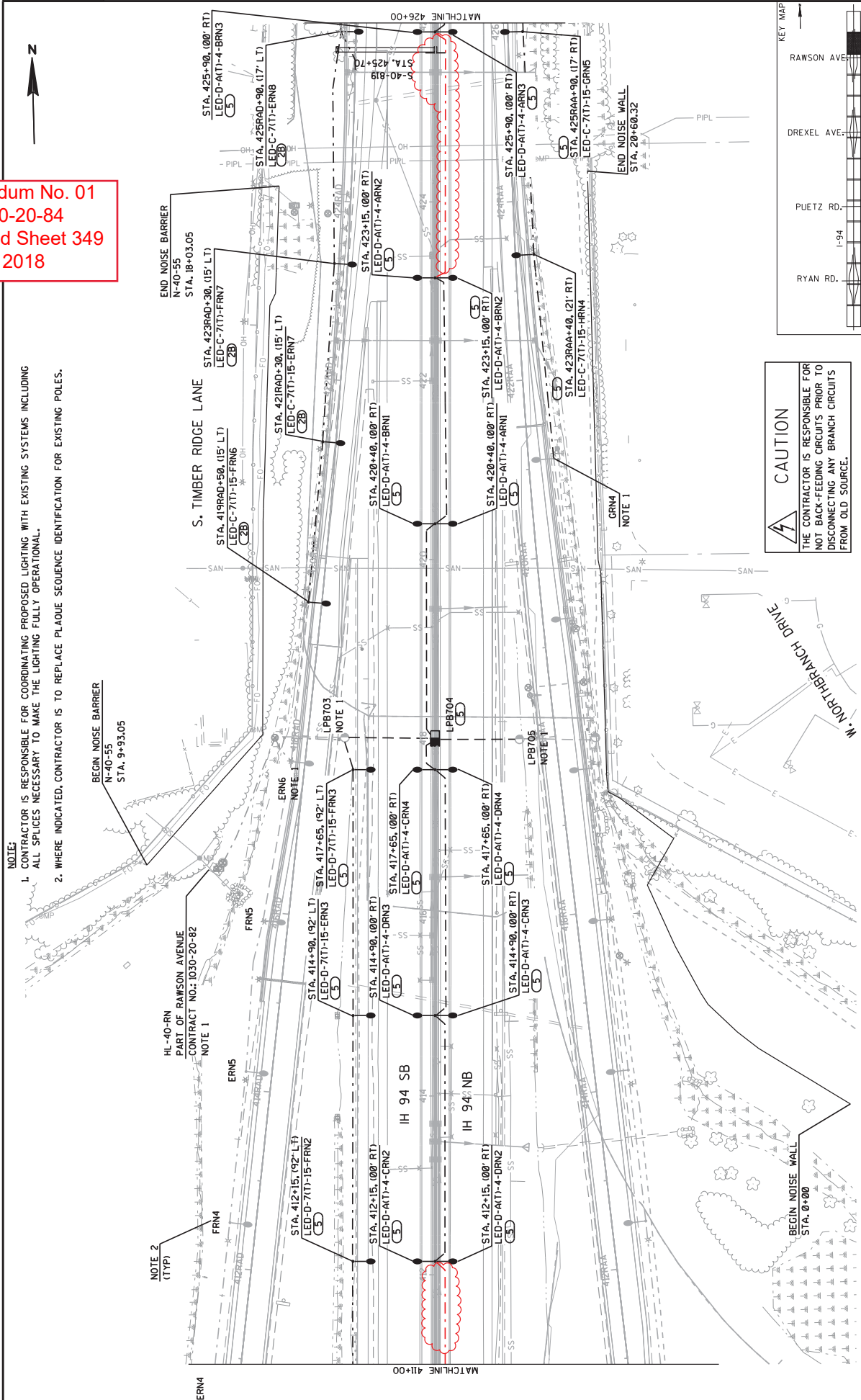
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 348  
 July 3, 2018

- NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.
  2. WHERE INDICATED, CONTRACTOR IS TO REPLACE PLAQUE SEQUENCE IDENTIFICATION FOR EXISTING POLES.
  3. PULL CID THROUGH 3" CONDUIT IN BASE OF SIGN STRUCTURE.



Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 349  
 July 3, 2018

NOTE:  
 1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.  
 2. WHERE INDICATED, CONTRACTOR IS TO REPLACE PLAQUE SEQUENCE IDENTIFICATION FOR EXISTING POLES.

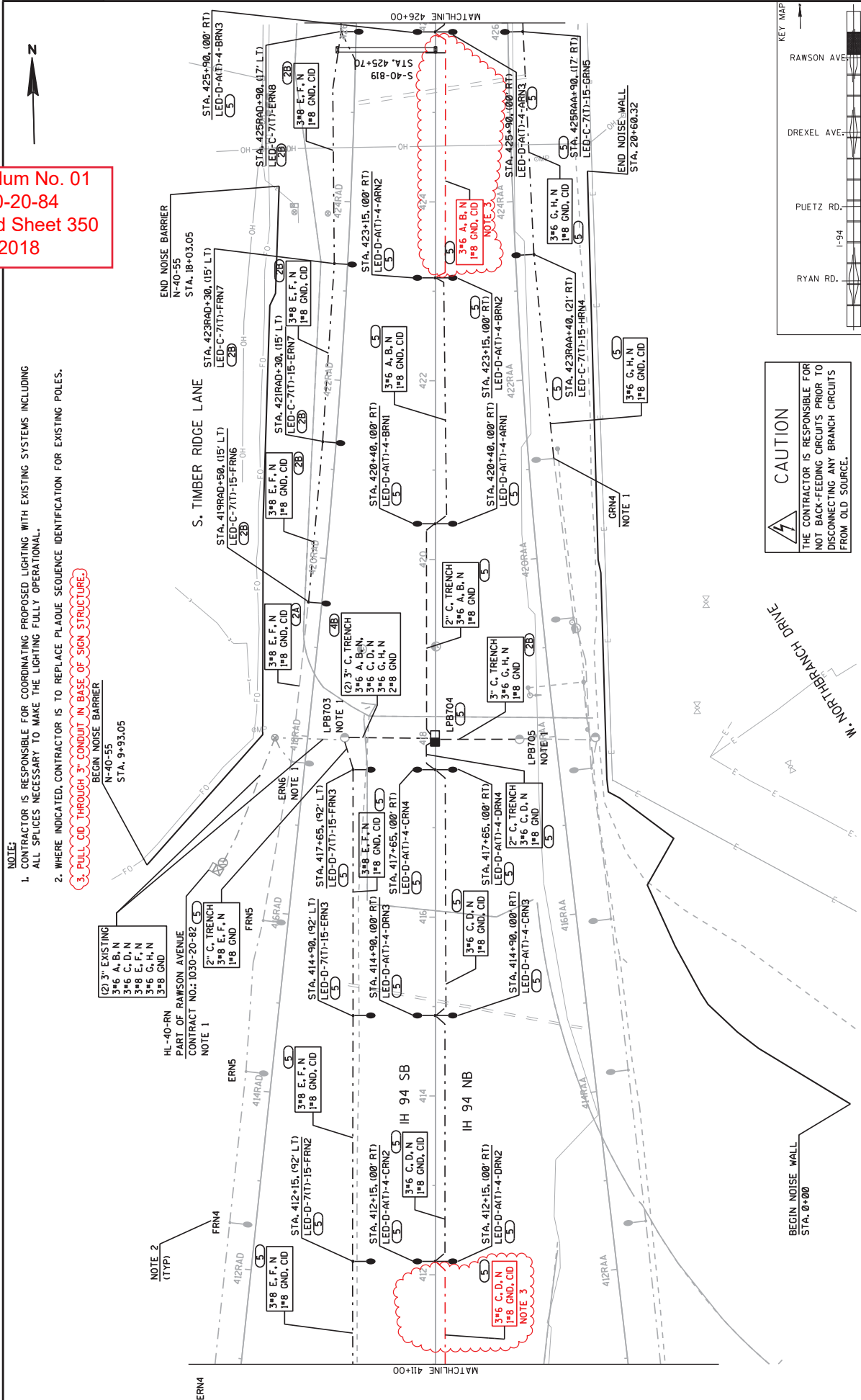


**CAUTION**  
 THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 350  
 July 3, 2018

- NOTE:
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING PROPOSED LIGHTING WITH EXISTING SYSTEMS INCLUDING ALL SPLICES NECESSARY TO MAKE THE LIGHTING FULLY OPERATIONAL.
  - WHERE INDICATED, CONTRACTOR IS TO REPLACE PLAQUE SEQUENCE IDENTIFICATION FOR EXISTING POLES.

3. PULL C.D.N THROUGH 3" CONDUIT IN BASE OF SIGN STRUCTURE.



**CAUTION**  
 THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.





Addendum No. 01  
ID 1030-20-84  
Revised Sheet 352  
July 3, 2018

W. WOOD AVENUE

W. ASPEN AVENUE

S. 17TH STREET

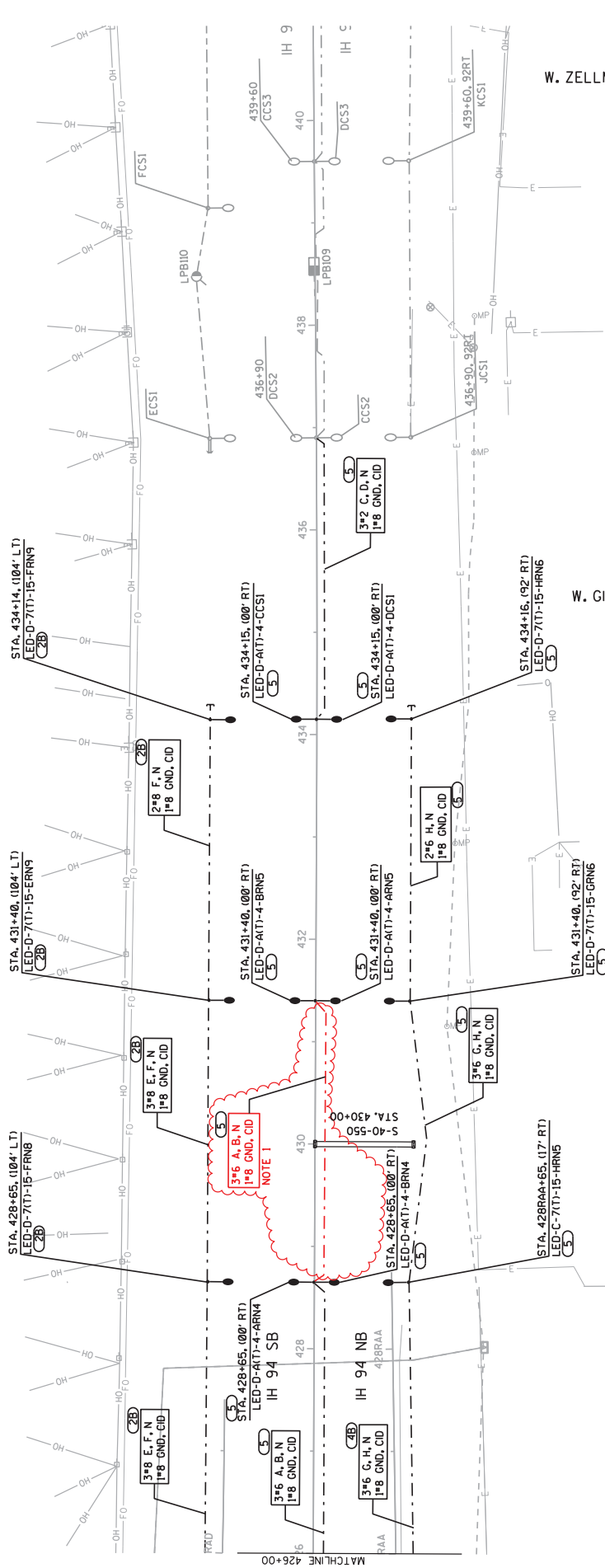
S. 17TH STREET

W. ZELLMAN COURT

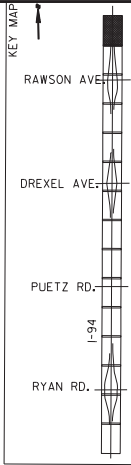
W. GIUFFRE COURT

W. GIUFFRE COURT

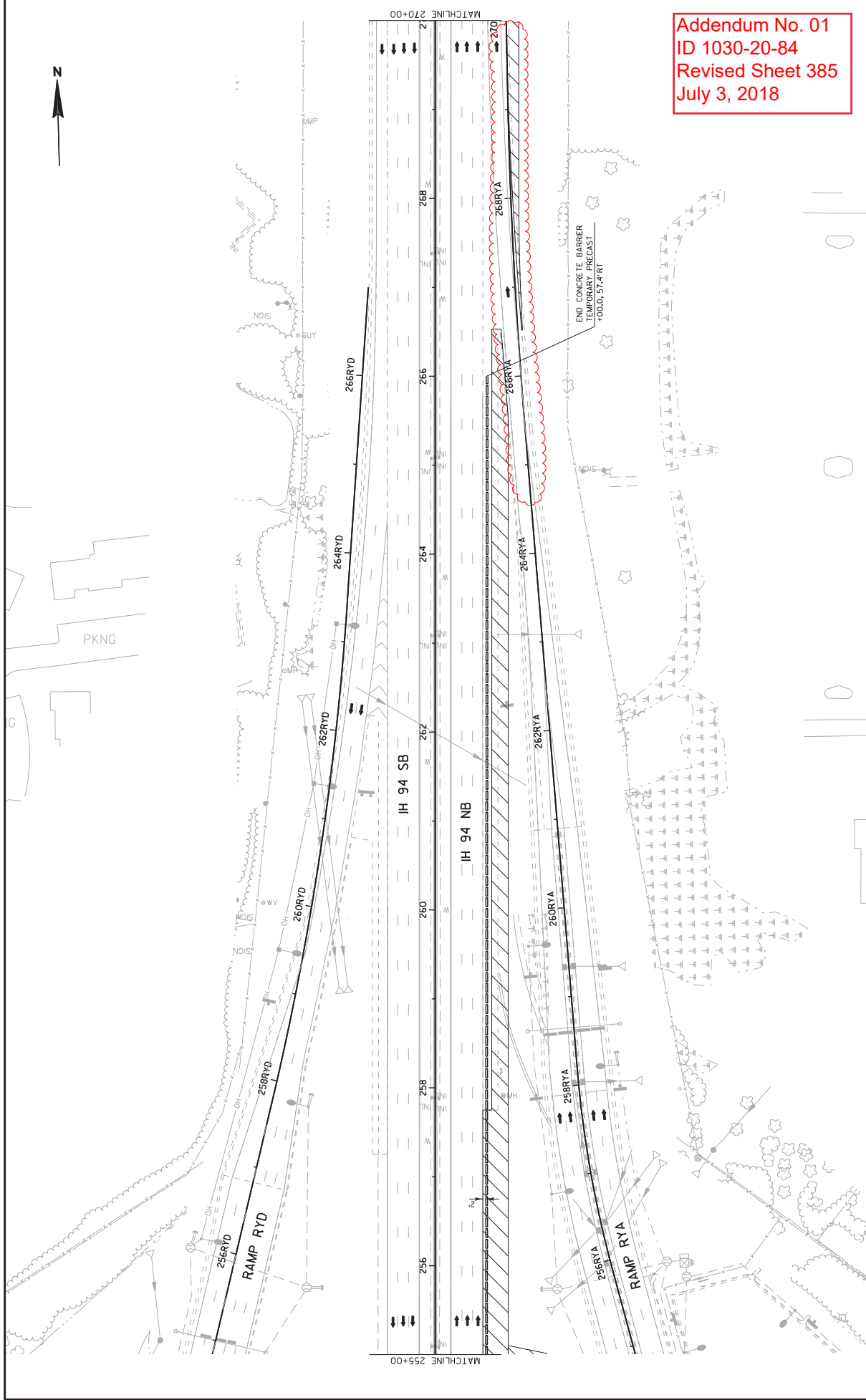
NOTE:  
1. PULL CID THROUGH 3" CONDUIT IN BASE OF SIGN STRUCTURE.



**CAUTION**  
THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.



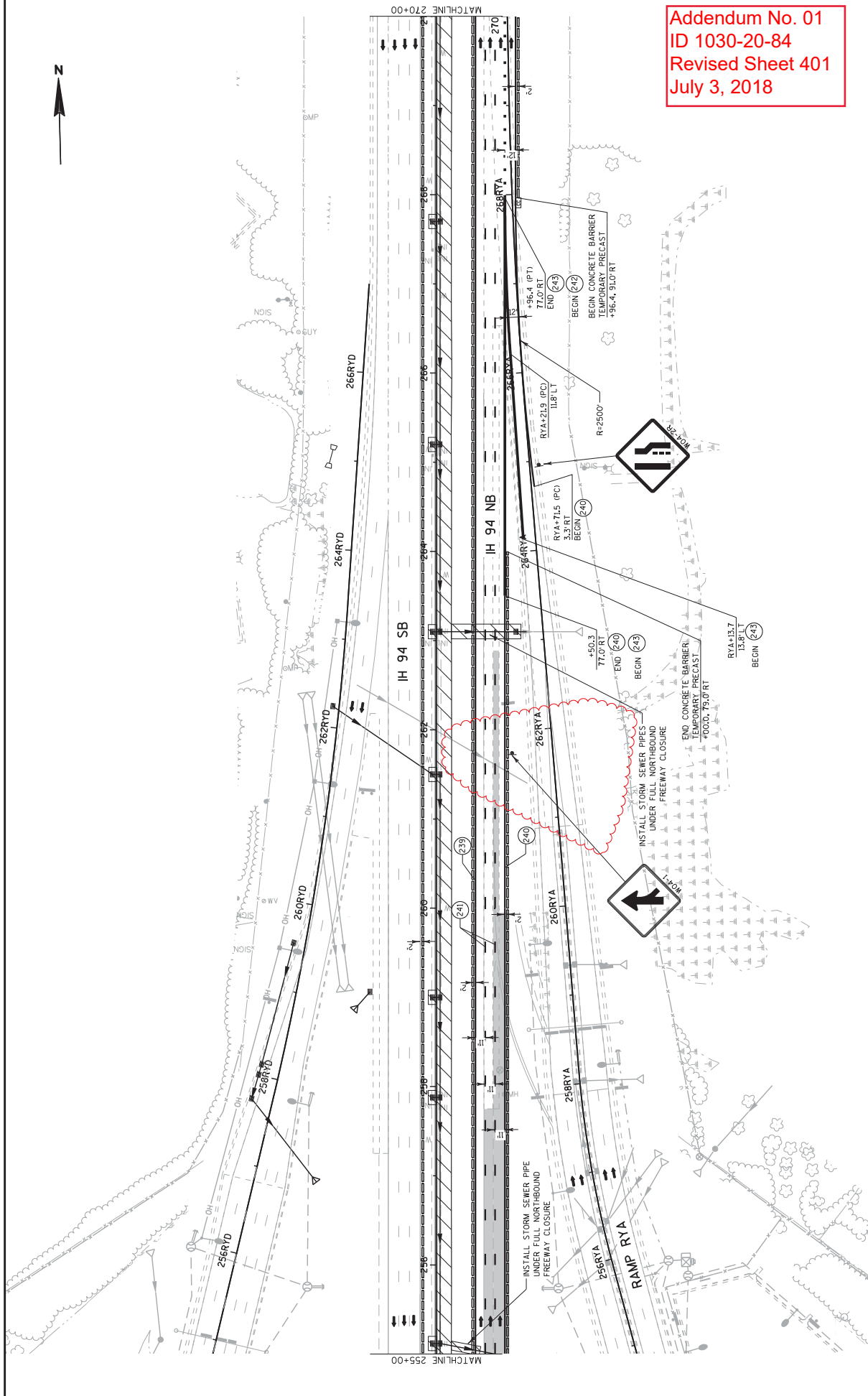




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 ID 1030-20-84  
 Revised Sheet 385  
 July 3, 2018

PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY: MILWAUKEE	STAGE IA / IB CONSTRUCTION	SHEET 385	E
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FILE NAME : S:\P\Inal\Des\GM\MIL\10302084\_SMR\Roads\cbs\026004.s10.dgn PLOT DATE : 28-JUN-2018 11:02 PLOT BY : MCKLB PLOT NAME : PLOT SCALE : 100:1 WISDOT/CADDIS SHEET 42



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 Revised Sheet 401  
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CLEARING AND GRUBBING ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	STA	STA	D	D
1000	2	IH94 SB	220+00		229+00	LT	9	9	--	--
			242+00		246+00	LT	4	4	--	--
			258RYD+00		265RYD+00	LT	7	7	--	--
			266+00		283+00	LT	18	18	--	--
			283+00		149' LT		--	--	6	6
			284+49		139' LT		--	--	6	6
			285+43		140' LT		--	--	6	6
			285+66		98' LT		--	--	6	6
			285+74		128' LT		--	--	6	6
			286+00		288+00	LT	2	2	--	--
			288+84		115' LT		--	--	6	6
			290+00		338+00	LT	48	48	--	--
			370+00		389+00	LT	29	29	--	--
			416+00		427+00	LT	11	11	--	--
			SUBTOTALS				128	128	36	36
1000	4	IH94 NE	220+00		231+00	RT	11	11	--	--
			231+30		148' RT		--	--	6	6
			233+07		148' RT		--	--	6	6
			244+00		246+00	RT	2	2	--	--
			265+89		148' RT		--	--	6	6
			299+00		301+00	RT	2	2	--	--
			302+00		305+00	RT	3	3	--	--
			307+00		316+00	RT	9	9	--	--
			317+00		340+00	RT	23	23	--	--
			369+00		396+00	RT	28	28	--	--
			416+00		418+00	RT	2	2	--	--
			418+57		200' RT		--	--	6	6
			419+38		196' RT		--	--	6	6
			421+00		425+00	RT	4	4	--	--
			429+00		432+00	RT	3	3	--	--
			SUBTOTALS				87	87	30	30
			TOTALS				215	215	66	66

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	STA	STA	SY
1000	1	IH94 NE OVERLAY	235+59		235+84	RT			128
			235RYB+47		235RYB+76	LT/RT			79
			TOTAL						207

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	SY
1000	1	IH94 NE TEMPORARY WIDENING	236+84		266+53	RT	512
			264+73		339+50	RT	307
			342+50		367+50	RT	483
			368+55		395+99	RT	966
			395+50		423+50	RT	90
			423+35		433+65	RT	253
			SUBTOTAL				2,611
1000	2	RAMP RY C	235RYC+58		235RYC+76	LT / RT	53
			SUBTOTAL				53
1000	4	RAMP RY B	235RYB+57		235RYB+76	LT / RT	57
1000	4	RAMP DB	339DB+90		344DB+00	LT / RT	963
			SUBTOTAL				1,020
1000	5	IH94 NE	433+00		436+00	RT	2,737
			SUBTOTAL				2,737
			TOTAL				6,421

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EARTHWORK SUMMARY

CATEGORY	STAGE	ROADWAY	FROM / TO STATION	EXCAVATION		EBS		ROADWAY		SOL DRYING		SUBGRADE	
				CY	(2)/(5)	CY	BACKFILL	EMBANKMENT	TREATMENT	TREATMENT	STRENGTHENING	TON	TON
1000	1	IH 94NB TEMPORARY WIDENING MEDIAN SHLDR REPAIR, & IH 94 NB SS TRENCHES SUBTOTAL STAGE 1	220+00 to 433+65	17,560	2,637	2,637	5,295	0	197	527	12,285		
			215+81 to 235+83	24,102	3,615	3,615	0	198	723	24,102			
			236+74 to 436+00	41,682	6,252	6,252	5,295	395	1,250	36,387			
			220+00 to 436+19	144,193	21,629	21,629	22,932	197	4,326	121,261			
			233RY C+31 to 235RY C+75	807	121	121	0	0	24	747			
			256RY D+83 to 264RY D+75	3,497	525	525	901	0	105	2,566			
			340DC+00 to 344DC+76	1,778	267	267	1	0	53	1,777			
			365DD+00 to 368DD+77	1,297	195	195	4	0	39	1,293			
			393RA C+50 to 396RA C+19	789	118	118	437	0	24	352			
			419RAD+03 to 422RAD+61	1,505	226	226	25	0	45	1,479			
2	IH 94 SB TEMPORARY WIDENING RYC TEMPORARY CROSSOVER RYD TEMPORARY CROSSOVER SUBTOTAL STAGE 2	220+00 to 404+50	0	0	0	330	0	0	0	-330			
		223+81 to 228+12	185	28	28	0	0	6	185				
		273+00 to 281+00	6	1	1	302	199	0	-296				
		427+00 to 436+00	1,869	280	280	0	0	56	1,869				
		220+00 to 436+00	37,939	5,891	5,891	203	16	1,138	37,736				
		273+34 to 284+21	26	4	4	13	16	1	13				
		226+74 to 230+51	122	18	18	0	17	4	122				
		370+21 to 381+17	2,749	412	412	0	18	82	2,749				
		331+43 to 335+28	77	12	12	0	19	2	76				
		428+54 to 435+84	96	14	14	0	17	3	96				
3	IH 94 NB IH 94 SB RYA TEMPORARY CROSSOVER RYB TEMPORARY CROSSOVER DA TEMPORARY CROSSOVER DB TEMPORARY CROSSOVER NORTH TEMPORARY CROSSOVER SUBTOTAL STAGE 3	220+00 to 436+00	163,605	24,541	24,541	22,949	197	4,908	140,656				
		260RY A+90 to 269RY A+24	2,695	404	404	889	0	81	1,826				
		233RY B+80 to 235RY B+74	668	100	100	151	0	20	517				
		365DA+22 to 369DA+50	1,487	223	223	7	0	45	1,480				
		340DB+88 to 344DB+00	860	129	129	0	1	26	860				
		421PA A+48 to 425PA A+75	1,912	287	287	109	2	57	1,803				
		394RA B+48 to 396RA B+35	604	91	91	21	3	18	583				
		222+18 to 224+96	36	5	5	0	4	1	36				
		284+21 to 294+77	139	21	21	0	5	4	139				
		220+00 to 436+00	172,007	25,801	25,801	24,107	212	5,160	147,900				
4	IH 94SB TEMPORARY WIDENING SUBTOTAL STAGE 5 GRAND TOTALS	220+00 to 436+00	7,073	1,061	1,061	0	0	212	7,073				
		220+00 to 436+00	7,073	1,061	1,061	0	0	212	7,073				
		GRAND TOTALS	417,695	62,655	62,655	54,611	909	12,530	363,085				

**Notes:**  
1) Cut Volume includes Concrete and Asphaltic Surface Material.  
2) EBS Excavation to be backfilled with EBS Backfill. All EBS material is assumed to be wasted offsite.  
3) Roadway Embankment = Unexpanded Fill  
4) The Mass Ordinate +/- 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 it can be reused onsite.  
5) Geogrid Type SR is to be used in locations of EBS backfill. Quantity is listed elsewhere here.

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**BASE AGGREGATE ITEMS (CONTINUED)**

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	305.0115		305.0125		312.0115*	
						BASE AGGREGATE DENSE 3/4-INCH CY	BASE AGGREGATE DENSE 1 1/4-INCH CY	BASE AGGREGATE DENSE 3/4-INCH CY	BASE AGGREGATE DENSE 1 1/4-INCH CY	SELECT CRUSHED MATERIAL CY	SELECT CRUSHED MATERIAL CY
<u>DA TEMPORARY CROSSOVER (STAGE 3)</u>											
			370+21			--		518			--
<u>NORTH TEMPORARY CROSSOVER (STAGE 3)</u>											
			428+54			--		53			--
<u>SUBTOTALS</u>											
1000	4	<u>IH 94 NB</u>				--		8,394			18,249

**BASE AGGREGATE ITEMS (CONTINUED)**

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	305.0115		305.0125		312.0115*	
						BASE AGGREGATE DENSE 3/4-INCH CY	BASE AGGREGATE DENSE 1 1/4-INCH CY	BASE AGGREGATE DENSE 3/4-INCH CY	BASE AGGREGATE DENSE 1 1/4-INCH CY	SELECT CRUSHED MATERIAL CY	SELECT CRUSHED MATERIAL CY
<u>RYA TEMPORARY CROSSOVER (STAGE 4)</u>											
			284+21			--		77			--
			294+77			--		77			--
<u>SUBTOTALS</u>											
1000	5	<u>I 94 SB</u>				--		4,776			85,539

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	305.0115		305.0125		312.0115*	
						BASE AGGREGATE DENSE 3/4-INCH CY	BASE AGGREGATE DENSE 1 1/4-INCH CY	BASE AGGREGATE DENSE 3/4-INCH CY	BASE AGGREGATE DENSE 1 1/4-INCH CY	SELECT CRUSHED MATERIAL CY	SELECT CRUSHED MATERIAL CY
<u>RAMP RYA</u>											
			260RYA+89			224		524			935
			269RYA+40			103		311			644
<u>RAMP RYB</u>											
			233RYB+80			39		134			358
<u>RAMP DA</u>											
			365DA+22			38		123			193
			366DA+68			71		234			470
<u>RAMP DB</u>											
			340DB+98			--		116			310
			342DB+88			12		73			138
<u>RAMP RAA</u>											
			421RAA+48			34		372			905
<u>RAMP RAB</u>											
			394RAB+48			54		157			326
<u>RYB TEMPORARY CROSSOVER (STAGE 4)</u>											
			222+18			--		20			--
			224+96			--		20			--

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	305.0115		305.0125		312.0115*	
						BASE AGGREGATE DENSE 3/4-INCH CY	BASE AGGREGATE DENSE 1 1/4-INCH CY	BASE AGGREGATE DENSE 3/4-INCH CY	BASE AGGREGATE DENSE 1 1/4-INCH CY	SELECT CRUSHED MATERIAL CY	SELECT CRUSHED MATERIAL CY
<u>RAMP DC+83</u>											
			340DC+00			87		16			42
			342DC+83			27		11			29
<u>SUBTOTALS</u>											
1000	5	<u>RAMP DC</u>				--		3,338			779

<u>TOTALS</u>											
						1,519	8,657		112,461		182,209

\*ADDITIONAL QUANTITIES FOUND ELSEWHERE

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ASPHALTIC ITEMS

CATEGORY	STAGE ROADWAY	STATION	TO	STATION	455.0605		460.6424		460.7424		460.8624		450.4000	
					TACK COAT	PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT	HMA	HMA	HMA	COLD WEATHER PAVING
					GAL	TON	TON	TON	TON	TON	TON	TON	TON	TON
1000	1	IH 94 NB OVERLAY		220+00	737	1,060	--	--	--	--	--	--	--	--
		<u>IH 94 NB TEMPORARY WIDENING</u>		220+00										
		235+84		235+37	302		682	248						
		236+84		235+84	48		108	39						
		264+73		266+53	973		1,796	1,121						
		342+50		339+50	2,257		4,173	2,594						
		368+55		367+50	925		1,693	1,077						
		395+50		395+99	733		1,331	863						
		423+35		423+50	1,185		2,635	1,004						
				433+65	231		480	221						
		<u>MEDIAN SHOULDER REPAIR</u>		235+84	827		1,867	679						
		215+81		436+00	6,319		14,274	5,191						
		236+74												
		<u>IH 94 NB STORM SEWER TRENCHES</u>		220+00										
		236+00		236+00	4		10	4						
		300+00		300+00	25		57	17						
		354+00		354+00	33		75	23						
		407+00		407+00	20		46	17						
		407+00		432+00	19		44	17						
		<u>UNDISTRIBUTED</u>												
														10,862
		<u>SUBTOTALS</u>			14,638	1,060	29,271	13,115						10,862
1000	2	RYC TEMPORARY CROSSOVER (STAGE 2B)		228+12	74		166	60						
		<u>RYD TEMPORARY CROSSOVER (STAGE 2B)</u>		280+43	147		333	121						
		<u>RAC TEMPORARY CROSSOVER (STAGE 2B)</u>		390+64	188		425	155						
		<u>IH 94 SB TEMPORARY WIDENING</u>		220+00										
		234+73		234+73	259		585	213						
		261+97		261+97	214		484	176						
		343+40		283+30	567		1,280	465						
		366+89		342+84	214		483	176						
		404+50		396+21	171		161	59						
		<u>SUBTOTALS</u>			1,734		3,917	1,425						

(CONTINUED ON NEXT SHEET)

(CONTINUED)

ASPHALTIC ITEMS

CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	455.0605 TACK COAT	460.6424 HMA	460.7223 HMA	460.7424 HMA	460.8624 HMA	450.4000 HMA COLD WEATHER PAVING
						GAL	TON	TON	TON	TON	TON
1000	3	RVB TEMPORARY CROSSOVER (STAGE 3)	226+64		230+51	49	--	111	40	--	--
			273+34		284+21	187	--	423	154	--	--
			331+43		335+28	49	--	111	40	--	--
			370+21		381+17	211	--	477	173	--	--
			428+54		435+84	28	--	64	23	--	--
			524			524	--	1,186	430	--	--
1000	4	RVB TEMPORARY CROSSOVER (STAGE 4)	222+18		224+96	11	--	24	9	--	--
			284+21		294+77	41	--	93	34	--	--
			52			52	--	117	43	--	--
			433+00		436+00	192	--	--	--	275	--
			192			192	--	--	--	275	--
			17,140		1,060	34,491		15,013	275	10,862	

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FENCING ITEMS

CATEGORY	STAGE	ROADWAY	FROM STATION	TO STATION	OFFSET	LINK 6-FT LF	LINK 12-FT EACH	616.0329.0001 GATES CHAIN	616.0700.S FENCE SAFETY
1000	2	IH 94 SB	220+00	153LT	235+10	149LT	1,510	--	--
			220+00	153LT	223+03	147LT	--	--	313
			265+73	149LT	273+84	147LT	--	--	825
			273+21	137LT	300+99	111LT	2,807	--	--
			273+55	147LT			--	1	--
			278+00	147LT	282+22	149LT	--	--	469
			281+17	147LT			--	1	--
			302+08	112LT	328+16	150LT	2,628	--	--
			330+70	149LT	337+09	167LT	657	--	--
			370+05	150LT	399RAC+17	79LT	2,902	--	--
			375+00	147LT	378+00	147LT	--	--	320
			384+10	147LT	388+25	147LT	--	--	540
			384+50	147LT			--	1	--
1000	2	RVD	256RYD+76	74LT	256RYD+77	50LT	12	--	--
			256RYD+76	62LT			--	1	--
			258RYD+34	48LT	265RYD+68	65LT	726	--	--
			265RYD+67	59LT			--	1	--
1000	2	RAD	416RAD+38	164LT	416RAD+41	178LT	2	--	--
			416RAD+39	171LT			--	1	--
			424RAD+14	81LT	424RAD+14	100RT	8	--	--
			424RAD+14	91LT			--	1	--
							11,252	7	2,467
1000	4	IH 94 NB	220+00	147RT	233+94	147RT	1,394	--	--
			220+00	147RT	222+96	147RT	--	--	328
			232+00	147RT	233+50	147RT	--	--	160
			265+42	149RT	295+38	155RT	3,067	--	--
			268+50	147RT	272+14	147RT	--	--	394
			281+97	147RT			--	1	--
			282+38	149RT	284+00	147RT	--	--	208
			293+71	154RT	295+35	154RT	--	--	227
			295+25	142RT			--	1	--
			302+10	112RT	314+85	133RT	1,291	--	--
			314+85	140RT			--	1	--
			331+50	130RT	342+77	148RT	1,145	--	--
			368+02	149RT	396RAB+35	64RT	2,834	--	--
			370+00	147RT	373+00	147RT	--	--	320
			381+00	147RT	389+50	147RT	--	--	829
			384+50	147RT			--	1	--
1000	4	RAA	416RAA+71	118RT	416RAA+81	126RT	1	--	--
			416RAA+77	122RT			--	1	--
			424RAA+37	86RT			--	1	--
							9,732	6	2,466
							20,984	13	4,933

MAINTENANCE AND REPAIR OF HAUL ROADS

CATEGORY	PROJECT	EACH
618.0100.0002	MAINTENANCE AND REPAIR OF HAUL ROADS (1030-20-84)	1
	<b>TOTAL</b>	<b>1</b>

MOBILIZATION

CATEGORY	PROJECT	EACH
619.1000	MOBILIZATION	0.45
1000	1030-20-84	0.45
	<b>TOTAL</b>	<b>0.45</b>

WATER

CATEGORY	PROJECT	MSGAL
624.0100	WATER	4,891
1000	1030-20-84	4,891
	<b>TOTAL</b>	<b>4,891</b>

DUST CONTROL SURFACE TREATMENT

CATEGORY	PROJECT	SY
623.0200	DUST CONTROL SURFACE TREATMENT	784.780
1000	1030-20-84	784.780
	<b>TOTAL</b>	<b>784.780</b>

EXPOSING EXISTING INFRASTRUCTURE UNPAVED AREA

CATEGORY	ROADWAY	UNPAVED AREA EACH	PAVED AREA EACH	UTILITY
SPV.0060.0100	EXPOSING EXISTING INFRASTRUCTURE UNPAVED AREA	1	--	OAK CREEK WATER MAIN
296+15, 100 LT		1	--	OAK CREEK WATER MAIN
416RAA+25, 85 RT		1	--	WISDOT FTMS
419RAA+91, 65 RT		1	--	WISDOT FTMS
	<b>UNDISTRIBUTED</b>	<b>3</b>	<b>3</b>	
	<b>TOTAL</b>	<b>7</b>	<b>3</b>	



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FREEWAY LIGHTING - WIRE AND CONDUIT

SYSTEM	CATEGORY	FROM	TO	1100		1100		1100		1100		1100		1100		1100	
				CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	CABLE IN DUCT 4-8 AWG	ELECTRICAL WIRE LIGHTING 8 AWG	ELECTRICAL WIRE LIGHTING 6 AWG	ELECTRICAL WIRE LIGHTING 4 AWG	ELECTRICAL WIRE LIGHTING 3-4 AWG	ELECTRICAL WIRE LIGHTING 2 AWG	CABLE IN DUCT 3-4 AWG	CABLE IN DUCT 1-8 AWG	CABLE IN DUCT 3-2 AWG	CABLE IN DUCT 1-8 AWG	SPV.0090:1001	SPV.0090:1002
HL-40-RY		LPB108	LPB109	-	182	-	192	-	-	-	-	-	-	-	-	-	-
		LPB109	LPB110	-	104	-	-	-	-	-	-	-	-	-	-	-	-
		LPB109	CYR6/DYR6	220	-	-	228	-	-	-	683	-	-	-	-	-	-
		CYR6/DYR6	LJB103	40	-	-	48	-	-	-	144	-	-	-	-	-	-
		LJB103	LJB104	87	-	-	97	-	-	-	291	-	-	-	-	-	-
		LJB104	CYR5/DYR5	118	-	-	126	-	-	-	378	-	-	-	-	-	-
		CYR5/DYR5	CYR4/DYR4	-	-	-	-	-	-	-	-	-	-	-	-	-	280
		CYR4/DYR4	CYR3/DYR3	-	-	-	-	-	-	-	-	-	-	-	-	-	280
		CYR3/DYR3	CYR2/DYR2	-	-	-	-	-	-	-	-	-	-	-	-	-	285
		CYR2/DYR2	CYR1/DYR1	-	-	-	-	-	-	-	-	-	-	-	-	-	285
		EYR3	FYR2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		FYR2	EYR2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		EYR2	FYR1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		FYR1	EYR1	270	-	-	275	-	-	-	-	-	-	-	-	-	-
		GYR3	HYR2	-	-	-	-	-	-	-	-	-	-	-	-	-	204
		HYR2	GYR2	-	-	-	-	-	-	-	-	-	-	-	-	-	204
		GYR2	HYR1	-	-	-	-	-	-	-	-	-	-	-	-	-	275
		HYR1	GYR1	-	-	-	-	-	-	-	-	-	-	-	-	-	273
		LPB108	STA. 239+11.59, 207LT	-	-	-	120	-	-	-	720	-	-	-	-	-	-
		STA. 239+11.59, 207LT	STA. 243+65.46, 339LT	-	-	-	475	-	-	-	2850	-	-	-	-	-	-
		STA. 243+65.46, 339LT	STA. 246+62.79, 374LT	-	-	-	285	-	-	-	1710	-	-	-	-	-	-
		LPB109	ARY1/BYR1	30	-	-	38	-	-	-	114	-	-	-	-	-	-
		ARY1/BYR1	ARY2/BYR2	-	-	-	-	-	-	-	-	-	-	-	-	-	254
		ARY2/BYR2	ARY3/BYR3	-	-	-	-	-	-	-	-	-	-	-	-	-	256
		ARY3/BYR3	ARY4/BYR4	-	-	-	-	-	-	-	-	-	-	-	-	-	260
		ARY4/BYR4	LPB112	55	-	-	63	-	-	-	189	-	-	-	-	-	-
		LPB112	ARY5/BYR5	259	-	-	267	-	-	-	801	-	-	-	-	-	-
		ARY5/BYR5	ARY6/BYR6	-	-	-	-	-	-	-	-	-	-	-	-	-	277
		ARY6/BYR6	ARY7/BYR7	-	-	-	-	-	-	-	-	-	-	-	-	-	285
		LPB112	UDL-RVAN	40	-	-	-	-	-	-	-	-	-	-	-	-	-
		LPB203	LPB204	-	256	-	532	-	-	-	788	-	-	-	-	-	-
		LPB206	LPB204	-	134	-	-	-	-	-	-	-	-	-	-	-	-
		LPB204	ARY1/BYR1	208	-	-	216	-	-	-	648	-	-	-	-	-	-
		ARY1/BYR1	ARY2/BYR2	-	-	-	-	-	-	-	-	-	-	-	-	-	280
		ARY2/BYR2	ARY3/BYR3	-	-	-	-	-	-	-	-	-	-	-	-	-	270
		ARY3/BYR3	ARY4/BYR4	-	-	-	-	-	-	-	-	-	-	-	-	-	281
		ARY4/BYR4	ARY5/BYR5	-	-	-	-	-	-	-	-	-	-	-	-	-	277
		ARY5/BYR5	ARY6/BYR6	-	-	-	-	-	-	-	-	-	-	-	-	-	285
		ARY6/BYR6	ARY7/BYR7	-	-	-	-	-	-	-	-	-	-	-	-	-	280
		ARY7/BYR7	ARY8/BYR8	-	-	-	-	-	-	-	-	-	-	-	-	-	280
		ARY8/BYR8	LPB203	-	-	-	130	-	-	-	390	-	-	-	-	-	270
		LPB203	STA. 256+04.96, 260RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		STA. 256+04.96, 260RT		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		SUBTOTAL		1327	676	0	3092	550	0	9716	723	1016	4430				

(CONTINUED ON NEXT SHEET)



FREEWAY LIGHTING - WIRE AND CONDUIT (CONTINUED)

SYSTEM	FROM	TO	1100 CATEGORY	1100 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	1100 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	1100 DUCT IN 4.8 AWG	1100 ELECTRICAL WIRE LIGHTING 9 AWG	1100 ELECTRICAL WIRE LIGHTING 6 AWG	1100 ELECTRICAL WIRE LIGHTING 4 AWG	1100 ELECTRICAL WIRE LIGHTING 2 AWG	1100 SPV/0200-1000 CABLE IN 1.8 AWG	1100 SPV/0200-1001 CABLE IN 1.8 AWG	1100 SPV/0200-1002 CABLE IN 1.8 AWG
			LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
HL-40-DS	CDSS/DDS1		-	-	-	-	-	-	-	-	-	-	282
	CDSS/DDS2		-	-	-	-	-	-	-	-	-	-	290
	CDSS/DDS3		-	-	-	-	-	-	-	-	-	-	292
	CDSS/DDS4		-	-	-	-	-	-	-	-	-	-	275
	CDSS/DDS5		-	-	-	-	-	-	-	-	-	-	285
	CDSS/DDS6		-	-	-	-	-	-	-	-	-	-	-
	CDSS/DDS7		85	-	-	-	-	-	-	-	-	-	-
	LPB404		-	-	-	-	-	-	-	-	-	-	-
	ADSI/BDSS1		-	-	-	-	-	-	-	-	-	-	-
	ADSI/BDSS2		180	-	-	-	-	-	-	-	-	-	-
	ADSI/BDSS3		-	-	-	-	-	-	-	-	-	-	-
	ADSS/BDSS3		58	-	-	-	-	-	-	-	-	-	-
	LPB408		28	-	-	-	-	-	-	-	-	-	-
	UDL-DREXEL		-	-	-	-	-	-	-	-	-	-	-
	EDS1		-	-	-	-	-	-	-	-	-	-	-
EDS2		-	-	-	-	-	-	-	-	-	-	-	
EDS3		-	-	-	-	-	-	-	-	-	-	-	
EDS4		-	-	-	-	-	-	-	-	-	-	-	
EDS5		-	-	-	-	-	-	-	-	-	-	-	
EDS6		-	-	-	-	-	-	-	-	-	-	-	
EDS7		-	-	-	-	-	-	-	-	-	-	-	
EDS8		-	-	-	-	-	-	-	-	-	-	-	
EDS9		-	-	-	-	-	-	-	-	-	-	-	
EDS10		-	-	-	-	-	-	-	-	-	-	-	
EDS11		-	-	-	-	-	-	-	-	-	-	-	
EDS12		-	-	-	-	-	-	-	-	-	-	-	
EDS13		-	-	-	-	-	-	-	-	-	-	-	
EDS14		-	-	-	-	-	-	-	-	-	-	-	
EDS15		-	-	-	-	-	-	-	-	-	-	-	
EDS16		-	-	-	-	-	-	-	-	-	-	-	
EDS17		-	-	-	-	-	-	-	-	-	-	-	
EDS18		-	-	-	-	-	-	-	-	-	-	-	
EDS19		-	-	-	-	-	-	-	-	-	-	-	
EDS20		-	-	-	-	-	-	-	-	-	-	-	
EDS21		-	-	-	-	-	-	-	-	-	-	-	
EDS22		-	-	-	-	-	-	-	-	-	-	-	
EDS23		-	-	-	-	-	-	-	-	-	-	-	
EDS24		-	-	-	-	-	-	-	-	-	-	-	
EDS25		-	-	-	-	-	-	-	-	-	-	-	
EDS26		-	-	-	-	-	-	-	-	-	-	-	
EDS27		-	-	-	-	-	-	-	-	-	-	-	
EDS28		-	-	-	-	-	-	-	-	-	-	-	
EDS29		-	-	-	-	-	-	-	-	-	-	-	
EDS30		-	-	-	-	-	-	-	-	-	-	-	
EDS31		-	-	-	-	-	-	-	-	-	-	-	
EDS32		-	-	-	-	-	-	-	-	-	-	-	
EDS33		-	-	-	-	-	-	-	-	-	-	-	
EDS34		-	-	-	-	-	-	-	-	-	-	-	
EDS35		-	-	-	-	-	-	-	-	-	-	-	
EDS36		-	-	-	-	-	-	-	-	-	-	-	
EDS37		-	-	-	-	-	-	-	-	-	-	-	
EDS38		-	-	-	-	-	-	-	-	-	-	-	
EDS39		-	-	-	-	-	-	-	-	-	-	-	
EDS40		-	-	-	-	-	-	-	-	-	-	-	
EDS41		-	-	-	-	-	-	-	-	-	-	-	
EDS42		-	-	-	-	-	-	-	-	-	-	-	
EDS43		-	-	-	-	-	-	-	-	-	-	-	
EDS44		-	-	-	-	-	-	-	-	-	-	-	
EDS45		-	-	-	-	-	-	-	-	-	-	-	
EDS46		-	-	-	-	-	-	-	-	-	-	-	
EDS47		-	-	-	-	-	-	-	-	-	-	-	
EDS48		-	-	-	-	-	-	-	-	-	-	-	
EDS49		-	-	-	-	-	-	-	-	-	-	-	
EDS50		-	-	-	-	-	-	-	-	-	-	-	
EDS51		-	-	-	-	-	-	-	-	-	-	-	
EDS52		-	-	-	-	-	-	-	-	-	-	-	
EDS53		-	-	-	-	-	-	-	-	-	-	-	
EDS54		-	-	-	-	-	-	-	-	-	-	-	
EDS55		-	-	-	-	-	-	-	-	-	-	-	
EDS56		-	-	-	-	-	-	-	-	-	-	-	
EDS57		-	-	-	-	-	-	-	-	-	-	-	
EDS58		-	-	-	-	-	-	-	-	-	-	-	
EDS59		-	-	-	-	-	-	-	-	-	-	-	
EDS60		-	-	-	-	-	-	-	-	-	-	-	
EDS61		-	-	-	-	-	-	-	-	-	-	-	
EDS62		-	-	-	-	-	-	-	-	-	-	-	
EDS63		-	-	-	-	-	-	-	-	-	-	-	
EDS64		-	-	-	-	-	-	-	-	-	-	-	
EDS65		-	-	-	-	-	-	-	-	-	-	-	
EDS66		-	-	-	-	-	-	-	-	-	-	-	
EDS67		-	-	-	-	-	-	-	-	-	-	-	
EDS68		-	-	-	-	-	-	-	-	-	-	-	
EDS69		-	-	-	-	-	-	-	-	-	-	-	
EDS70		-	-	-	-	-	-	-	-	-	-	-	
EDS71		-	-	-	-	-	-	-	-	-	-	-	
EDS72		-	-	-	-	-	-	-	-	-	-	-	
EDS73		-	-	-	-	-	-	-	-	-	-	-	
EDS74		-	-	-	-	-	-	-	-	-	-	-	
EDS75		-	-	-	-	-	-	-	-	-	-	-	
EDS76		-	-	-	-	-	-	-	-	-	-	-	
EDS77		-	-	-	-	-	-	-	-	-	-	-	
EDS78		-	-	-	-	-	-	-	-	-	-	-	
EDS79		-	-	-	-	-	-	-	-	-	-	-	
EDS80		-	-	-	-	-	-	-	-	-	-	-	
EDS81		-	-	-	-	-	-	-	-	-	-	-	
EDS82		-	-	-	-	-	-	-	-	-	-	-	
EDS83		-	-	-	-	-	-	-	-	-	-	-	
EDS84		-	-	-	-	-	-	-	-	-	-	-	
EDS85		-	-	-	-	-	-	-	-	-	-	-	
EDS86		-	-	-	-	-	-	-	-	-	-	-	
EDS87		-	-	-	-	-	-	-	-	-	-	-	
EDS88		-	-	-	-	-	-	-	-	-	-	-	
EDS89		-	-	-	-	-	-	-	-	-	-	-	
EDS90		-	-	-	-	-	-	-	-	-	-	-	
EDS91		-	-	-	-	-	-	-	-	-	-	-	
EDS92		-	-	-	-	-	-	-	-	-	-	-	
EDS93		-	-	-	-	-	-	-	-	-	-	-	
EDS94		-	-	-	-	-	-	-	-	-	-	-	
EDS95		-	-	-	-	-	-	-	-	-	-	-	
EDS96		-	-	-	-	-	-	-	-	-	-	-	
EDS97		-	-	-	-	-	-	-	-	-	-	-	
EDS98		-	-	-	-	-	-	-	-	-	-	-	
EDS99		-	-	-	-	-	-	-	-	-	-	-	
EDS100		-	-	-	-	-	-	-	-	-	-	-	
EDS101		-	-	-	-	-	-	-	-	-	-	-	
EDS102		-	-	-	-	-	-	-	-	-	-	-	
EDS103		-	-	-	-	-	-	-	-	-	-	-	
EDS104		-	-	-	-	-	-	-	-	-	-	-	
EDS105		-	-	-	-	-	-	-	-	-	-	-	
EDS106		-	-	-	-	-	-	-	-	-	-	-	
EDS107		-	-	-	-	-	-	-	-	-	-	-	
EDS108		-	-	-	-	-	-	-	-	-	-	-	
EDS109		-	-	-	-	-	-	-	-	-	-	-	
EDS110		-	-	-	-	-	-	-	-	-	-	-	
EDS111		-	-	-	-	-	-	-	-	-	-	-	
EDS112		-	-	-	-	-	-	-	-	-	-	-	
EDS113		-	-	-	-	-	-	-	-	-	-	-	
EDS114		-	-	-	-	-	-	-	-	-	-	-	
EDS115		-	-	-	-	-	-	-	-	-	-	-	
EDS116		-	-	-	-	-	-	-	-	-	-	-	
EDS117		-	-	-	-	-	-	-	-	-	-	-	
EDS118		-	-	-	-	-	-	-	-	-	-	-	
EDS119		-	-	-	-	-	-	-	-	-	-	-	
EDS120		-	-	-	-								

Addendum No. 01  
ID 1030-20-84  
Revised Sheet 667  
July 3, 2018

FREEWAY LIGHTING - WIRE AND CONDUIT (CONTINUED)

SYSTEM	FROM	TO	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
			652.0225	652.0235	655.0148	655.0620	655.0625	655.0630	655.0635	SPV.0090.1000	SPV.0090.1001	SPV.0090.1002		
			CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	CABLE IN DUCT 4-8 AWG	ELECTRICAL WIRE LIGHTING 8 AWG	ELECTRICAL WIRE LIGHTING 6 AWG	ELECTRICAL WIRE LIGHTING 4 AWG	ELECTRICAL WIRE LIGHTING 2 AWG	DUCT 3-6 AWG 1-8 AWG	DUCT 3-4 AWG 1-8 AWG	CABLE IN DUCT 3-2 AWG 1-8 AWG		
			LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
HL-40-DN	EDN3	FDN3	-	-	-	-	-	-	-	185	-	-	-	-
	FDN3	EDN4	-	-	-	-	-	-	-	185	-	-	-	-
	EDN4	FDN4	-	-	-	-	-	-	-	185	-	-	-	-
	FDN4	EDN5	-	-	-	-	-	-	-	200	-	-	-	-
	EDN5	FDN5	-	-	-	-	-	-	-	202	-	-	-	-
	FDN5	EDN6	-	-	-	-	-	-	-	270	-	-	-	-
	EDN6	CRS1/DRS1	-	-	-	-	-	-	-	-	-	-	-	-
HL-40-RS	CRS2/DRS2	CRS3/DRS3	-	-	-	-	-	-	-	-	-	-	280	-
	CRS3/DRS3	CRS4/DRS4	-	-	-	-	-	-	-	-	-	-	290	-
	CRS4/DRS4	CRS5/DRS5	-	-	-	-	-	-	-	-	-	-	270	-
	CRS5/DRS5	CRS6/DRS6	-	-	-	-	-	-	-	-	-	-	278	-
	CRS6/DRS6	LPB603	237	-	-	245	-	-	-	-	-	-	280	-
	LPB603	ARS1/BRSS1	33	-	41	123	-	735	-	-	-	-	280	-
	ARS1/BRSS1	ARS2/BRSS2	-	-	-	-	-	-	-	-	-	-	280	-
	ARS2/BRSS2	ARS3/BRSS3	-	-	-	-	-	-	-	-	-	-	280	-
	ARS3/BRSS3	ARS4/BRSS4	-	-	-	-	-	-	-	-	-	-	280	-
	ARS4/BRSS4	ARS5/BRSS5	-	-	-	-	-	-	-	-	-	-	290	-
	ARS5/BRSS5	GRS1	265	-	-	810	-	-	-	-	-	-	-	-
	GRS1	GRS2	-	-	281	-	-	-	-	-	-	-	-	-
	GRS2	GRS3	-	-	260	-	-	-	-	-	-	-	-	-
	GRS3	GRS4	-	-	273	-	-	-	-	-	-	-	-	-
	GRS4	GRS5	-	-	270	-	-	-	-	-	-	-	-	-
	GRS5	GRS6	-	-	220	-	-	-	-	-	-	-	-	-
	GRS6	GRS7	16	-	24	71	-	-	-	-	-	-	-	-
	GRS7	GRS8	145	-	610	-	-	-	-	-	-	-	-	-
	GRS8	GRS9	-	-	185	-	-	-	-	-	-	-	-	-
	GRS9	GRS10	-	-	175	-	-	-	-	-	-	-	-	-
	GRS10	GRS11	265	-	-	810	-	-	-	-	-	-	-	-
	GRS11	GRS12	-	-	270	-	-	-	-	-	-	-	-	-
	GRS12	GRS13	-	-	270	-	-	-	-	-	-	-	-	-
	GRS13	GRS14	-	-	270	-	-	-	-	-	-	-	-	-
	GRS14	GRS15	-	-	245	-	-	-	-	-	-	-	-	-
	GRS15	GRS16	-	-	185	-	-	-	-	-	-	-	-	-
	GRS16	GRS17	83	-	-	362	-	-	-	-	-	-	-	-
	GRS17	GRS18	61	-	284	-	-	-	-	-	-	-	-	-
	GRS18	GRS19	20	-	110	-	-	-	-	-	-	-	-	-
	GRS19	GRS20	-	-	132	-	-	-	-	-	-	-	-	-
	GRS20	GRS21	-	-	96	348	-	174	-	-	-	-	-	-
	GRS21	GRS22	-	-	242	726	-	363	-	-	-	-	-	-
	GRS22	GRS23	-	-	102	336	-	-	-	-	-	-	-	-
	GRS23	GRS24	-	-	466	3898	-	1604	-	1272	-	0	2357	-
	GRS24	GRS25	-	-	2904	-	-	-	-	-	-	-	-	-
	GRS25	GRS26	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS26	GRS27	-	-	466	-	-	-	-	-	-	-	-	-
	GRS27	GRS28	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS28	GRS29	-	-	466	-	-	-	-	-	-	-	-	-
	GRS29	GRS30	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS30	GRS31	-	-	466	-	-	-	-	-	-	-	-	-
	GRS31	GRS32	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS32	GRS33	-	-	466	-	-	-	-	-	-	-	-	-
	GRS33	GRS34	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS34	GRS35	-	-	466	-	-	-	-	-	-	-	-	-
	GRS35	GRS36	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS36	GRS37	-	-	466	-	-	-	-	-	-	-	-	-
	GRS37	GRS38	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS38	GRS39	-	-	466	-	-	-	-	-	-	-	-	-
	GRS39	GRS40	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS40	GRS41	-	-	466	-	-	-	-	-	-	-	-	-
	GRS41	GRS42	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS42	GRS43	-	-	466	-	-	-	-	-	-	-	-	-
	GRS43	GRS44	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS44	GRS45	-	-	466	-	-	-	-	-	-	-	-	-
	GRS45	GRS46	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS46	GRS47	-	-	466	-	-	-	-	-	-	-	-	-
	GRS47	GRS48	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS48	GRS49	-	-	466	-	-	-	-	-	-	-	-	-
	GRS49	GRS50	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS50	GRS51	-	-	466	-	-	-	-	-	-	-	-	-
	GRS51	GRS52	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS52	GRS53	-	-	466	-	-	-	-	-	-	-	-	-
	GRS53	GRS54	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS54	GRS55	-	-	466	-	-	-	-	-	-	-	-	-
	GRS55	GRS56	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS56	GRS57	-	-	466	-	-	-	-	-	-	-	-	-
	GRS57	GRS58	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS58	GRS59	-	-	466	-	-	-	-	-	-	-	-	-
	GRS59	GRS60	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS60	GRS61	-	-	466	-	-	-	-	-	-	-	-	-
	GRS61	GRS62	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS62	GRS63	-	-	466	-	-	-	-	-	-	-	-	-
	GRS63	GRS64	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS64	GRS65	-	-	466	-	-	-	-	-	-	-	-	-
	GRS65	GRS66	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS66	GRS67	-	-	466	-	-	-	-	-	-	-	-	-
	GRS67	GRS68	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS68	GRS69	-	-	466	-	-	-	-	-	-	-	-	-
	GRS69	GRS70	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS70	GRS71	-	-	466	-	-	-	-	-	-	-	-	-
	GRS71	GRS72	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS72	GRS73	-	-	466	-	-	-	-	-	-	-	-	-
	GRS73	GRS74	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS74	GRS75	-	-	466	-	-	-	-	-	-	-	-	-
	GRS75	GRS76	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS76	GRS77	-	-	466	-	-	-	-	-	-	-	-	-
	GRS77	GRS78	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS78	GRS79	-	-	466	-	-	-	-	-	-	-	-	-
	GRS79	GRS80	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS80	GRS81	-	-	466	-	-	-	-	-	-	-	-	-
	GRS81	GRS82	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS82	GRS83	-	-	466	-	-	-	-	-	-	-	-	-
	GRS83	GRS84	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS84	GRS85	-	-	466	-	-	-	-	-	-	-	-	-
	GRS85	GRS86	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS86	GRS87	-	-	466	-	-	-	-	-	-	-	-	-
	GRS87	GRS88	-	-	1125	-	-	-	-	-	-	-	-	-
	GRS88	GRS89	-	-	466	-	-	-	-	-	-	-	-	-
	GRS89	GRS90	-	-	1									

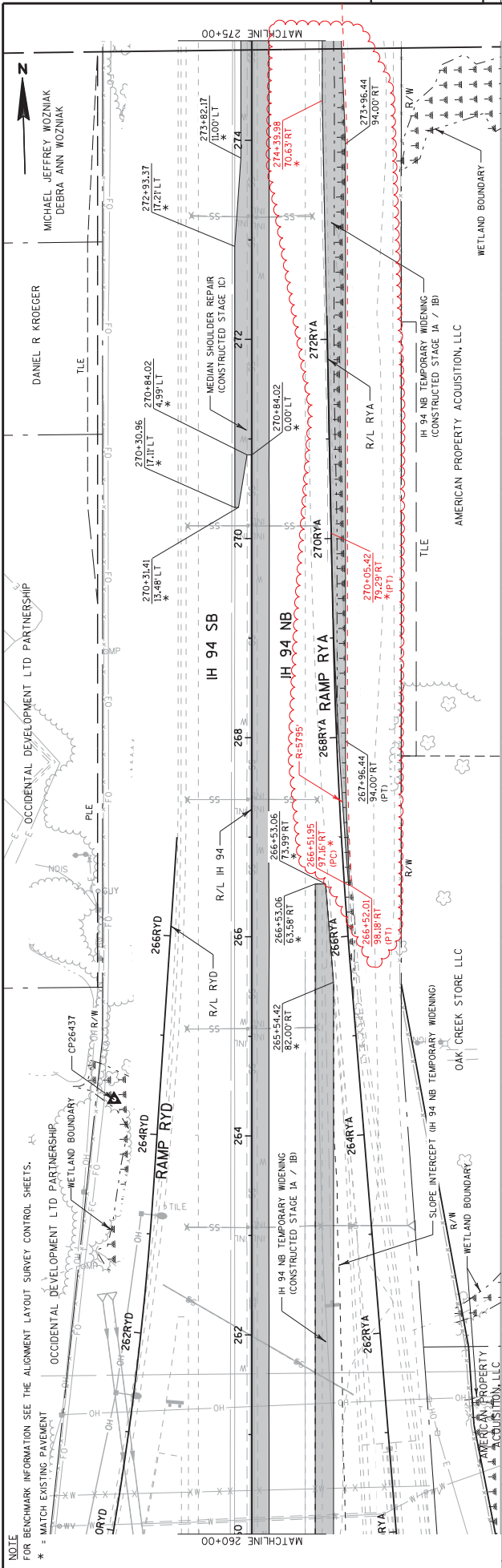




FREEWAY LIGHTING - PULL BOXES

SYSTEM	DESCRIPTION	STATION	CATEGORY OFFSET	1100 653.0140 PULL BOXES STEEL 24X42-INCH	1100 SPV.0060.1013 POLYMER CONCRETE PULLBOX FREEWAY LIGHTING	EACH	EACH
HL-40-YR	LPB108	239+36	101LT	1	-	-	-
	LPB109	239+31	-	-	1	-	-
	LPB110	239+35	80RT	1	-	-	-
	LPB112	247+38	-	-	1	-	-
HL-40-RY	LPB203	255+74	137RT	1	-	-	-
	LPB204	255+73	-	-	1	-	-
	LPS206	255+76	145LT	1	-	-	-
HL-40-PZ	LPB301	302+57	84RT	1	-	-	-
	LPB302	301+92	85RT	1	-	-	-
	LPB303	301+84	-	-	-	1	-
HL-40-DS	LPB404	346+33	-	-	-	1	-
	LPB408	353+83	-	-	-	-	1
HL-40-DN	LPB504	361+43	-	-	-	-	1
HL-40-RS	LPB601	395RAB+27	33RT	1	-	-	-
	LPB602	395RAB+98	27RT	1	-	-	-
	LPB603	395+20	-	-	1	-	-
	LPB604	395RAC+21	22LT	1	-	-	-
HL-40-RN	LPB704	418+00	-	-	-	-	1
	LPB707	408+84	-	-	-	-	1
<b>TOTAL</b>				<b>9</b>	<b>10</b>		

Addendum No. 01  
ID 1030-20-84  
Revised Sheet 669  
July 3, 2018



NOTE  
FOR BENCHMARK INFORMATION SEE THE ALIGNMENT LAYOUT SURVEY CONTROL SHEETS.  
\* = MATCH EXISTING PAVEMENT

Addendum No. 01  
ID 1030-20-84  
Revised Sheet 726  
July 3, 2018

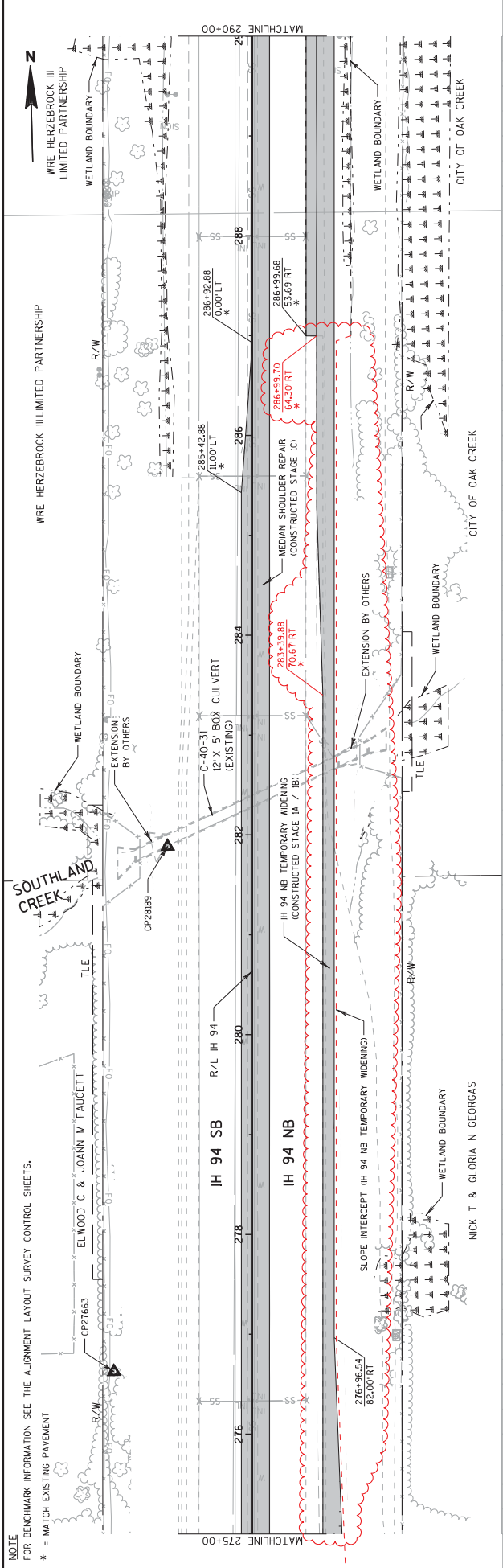
NO PROFILE THIS SHEET

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**NOTE**

FOR BENCHMARK INFORMATION SEE THE ALIGNMENT LAYOUT SURVEY CONTROL SHEETS.  
 \* = MATCH EXISTING PAVEMENT



NO PROFILE THIS SHEET

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 727  
 July 3, 2018

(CONTINUED)

Division 1 - IH 94 NB TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
262+50	26250.00	50.00	17.99	4.00	33.45	7.48	2647.53	1190.11	1457.42
263+00	26300.00	50.00	21.90	0.00	36.94	3.70	2684.47	1193.81	1490.65
263+50	26350.00	50.00	20.51	0.01	39.27	0.01	2723.74	1193.82	1529.91
264+00	26400.00	50.00	27.63	0.05	44.57	0.06	2768.31	1193.88	1574.43
264+50	26450.00	50.00	30.98	0.00	54.27	0.05	2822.58	1193.93	1628.65
264+73	26473.32	23.32	32.14	0.00	27.26	0.00	2849.84	1193.93	1655.91
265+00	26500.00	26.68	31.99	0.00	31.68	0.00	2881.52	1193.93	1687.60
265+50	26550.00	50.00	31.08	0.01	58.40	0.01	2939.92	1193.94	1745.99
266+00	26600.00	50.00	25.07	0.00	51.99	0.00	2991.91	1193.94	1797.97
266+50	26650.00	50.00	18.04	0.00	39.92	0.01	3031.83	1193.94	1837.88
266+53	26653.06	3.06	17.63	0.00	2.02	0.00	3033.85	1193.94	1839.90
267+00	26700.00	46.94	0.00	0.00	15.33	0.00	3049.17	1193.94	1855.23
267+50	26750.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
268+00	26800.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
268+50	26850.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
269+00	26900.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
269+50	26950.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
270+00	27000.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
270+50	27050.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
271+00	27100.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
271+50	27150.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
272+00	27200.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
272+50	27250.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
273+00	27300.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
273+50	27350.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
274+00	27400.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
274+50	27450.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
275+00	27500.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
275+50	27550.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
276+00	27600.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
276+50	27650.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
277+00	27700.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
277+50	27750.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
278+00	27800.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
278+50	27850.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
279+00	27900.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
279+50	27950.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
280+00	28000.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
280+50	28050.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
281+00	28100.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
281+50	28150.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
282+00	28200.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
282+50	28250.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
282+88	28288.00	38.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1094  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 1 - IH 94 NB TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
283+00	28300.00	12.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
283+50	28350.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
284+00	28400.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
284+50	28450.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
285+00	28500.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
285+50	28550.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
286+00	28600.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
286+50	28650.00	50.00	0.00	0.00	0.00	0.00	3049.17	1193.94	1855.23
287+00	28700.00	50.00	17.50	26.82	16.20	24.83	3065.38	1218.78	1846.60
287+50	28750.00	50.00	18.13	22.15	32.99	45.34	3098.37	1264.12	1834.25
288+00	28800.00	50.00	20.79	23.19	36.04	41.98	3134.41	1306.10	1828.30
288+50	28850.00	50.00	17.41	21.49	35.37	41.37	3169.78	1347.47	1822.30
289+00	28900.00	50.00	17.14	24.96	31.99	43.01	3201.77	1390.48	1811.29
289+50	28950.00	50.00	17.20	22.17	31.80	43.64	3233.56	1434.12	1799.44
290+00	29000.00	50.00	19.06	21.12	33.57	40.08	3267.14	1474.20	1792.93
290+50	29050.00	50.00	18.82	21.02	35.07	39.02	3302.21	1513.22	1788.99
291+00	29100.00	50.00	20.06	21.88	36.00	39.72	3338.21	1552.94	1785.27
291+50	29150.00	50.00	18.85	18.67	36.03	37.55	3374.24	1590.49	1783.75
292+00	29200.00	50.00	20.48	16.64	34.81	34.69	3409.04	1623.19	1785.86
292+50	29250.00	50.00	21.18	19.30	36.31	32.72	3445.36	1655.91	1789.45
293+00	29300.00	50.00	30.05	13.52	39.22	35.74	3484.58	1691.65	1792.29
293+50	29350.00	50.00	29.64	2.07	55.27	14.44	3587.29	1736.47	1850.17
294+00	29400.00	50.00	19.48	15.22	45.48	16.01	3632.77	1752.48	1879.64
294+50	29450.00	50.00	14.42	17.11	31.39	29.94	3664.16	1782.42	1881.09
295+00	29500.00	50.00	15.75	14.31	27.94	29.09	3692.09	1811.51	1879.93
295+50	29550.00	50.00	17.26	11.27	30.56	23.69	3722.66	1835.19	1886.81
296+00	29600.00	50.00	17.48	5.67	32.17	15.69	3754.82	1850.88	1903.29
297+00	29700.00	50.00	19.42	5.94	34.17	10.75	3788.99	1861.63	1926.71
297+50	29750.00	50.00	19.74	5.17	36.26	10.29	3825.25	1871.92	1952.68
298+00	29800.00	50.00	22.11	4.39	38.75	8.85	3864.00	1880.77	1982.58
298+50	29850.00	50.00	24.61	1.09	43.26	5.07	3907.26	1885.84	2020.77
299+00	29900.00	50.00	21.98	0.52	43.14	1.49	3950.40	1887.33	2062.42
299+50	29950.00	50.00	23.67	0.89	42.27	1.31	3992.67	1888.64	2103.38
300+00	30000.00	50.00	24.31	0.27	44.43	1.07	4037.09	1889.71	2146.73
300+50	30050.00	50.00	46.04	0.00	65.14	0.25	4102.23	1889.96	2211.62
301+00	30100.00	50.00	48.58	0.00	87.61	0.00	4189.84	1889.96	2299.23
301+50	30150.00	50.00	57.53	0.00	98.25	0.00	4288.09	1889.96	2397.48
302+00	30200.00	50.00	27.57	0.18	78.80	0.17	4366.89	1890.13	2476.11
302+50	30250.00	50.00	33.00	0.00	56.08	0.17	4422.97	1890.30	2532.03
303+00	30300.00	50.00	29.36	0.05	57.74	0.05	4480.71	1890.34	2589.72
303+50	30350.00	50.00	23.88	2.17	49.30	2.06	4530.01	1892.40	2636.96
304+00	30400.00	50.00	28.52	0.18	48.52	2.18	4578.53	1894.57	2683.30

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1095  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 1 - IH 94 NB TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
305+00	30500.00	50.00	31.33	0.00	55.42	0.17	4633.94	1894.74	2738.55
305+50	30550.00	50.00	30.23	0.00	57.00	0.00	4690.94	1894.74	2795.55
306+00	30600.00	50.00	28.86	0.01	54.71	0.01	4745.66	1894.75	2850.26
306+50	30650.00	50.00	32.57	0.05	56.88	0.06	4802.54	1894.81	2907.08
307+00	30700.00	50.00	29.47	0.07	57.44	0.11	4859.98	1894.92	2964.42
307+50	30750.00	50.00	29.86	0.10	54.94	0.16	4914.92	1895.07	3019.19
308+00	30800.00	50.00	30.36	0.01	55.76	0.10	4970.67	1895.18	3074.85
308+50	30850.00	50.00	28.84	0.00	54.81	0.01	5025.49	1895.19	3129.66
309+00	30900.00	50.00	22.90	0.93	47.91	0.86	5073.40	1896.05	3176.70
309+50	30950.00	50.00	22.24	2.71	41.80	3.37	5115.19	1899.42	3215.13
310+00	31000.00	50.00	18.75	3.45	37.95	5.70	5153.15	1905.12	3247.38
310+50	31050.00	50.00	19.74	3.39	35.64	6.33	5188.79	1911.45	3276.68
311+00	31100.00	50.00	26.13	0.27	42.47	3.39	5231.26	1914.84	3315.77
311+50	31150.00	50.00	23.43	0.58	45.89	0.79	5277.15	1915.63	3360.87
312+00	31200.00	50.00	24.80	0.47	44.66	0.97	5321.80	1916.60	3404.55
312+50	31250.00	50.00	26.97	1.52	47.94	1.84	5369.74	1918.44	3450.65
313+00	31300.00	50.00	36.64	1.54	58.90	2.83	5428.64	1921.28	3506.71
313+50	31350.00	50.00	54.26	0.11	84.17	1.53	5512.80	1922.81	3589.35
314+00	31400.00	50.00	50.95	0.00	97.42	0.10	5610.22	1922.91	3686.67
314+50	31450.00	50.00	57.77	0.00	100.67	0.00	5710.89	1922.91	3787.33
315+00	31500.00	50.00	73.85	0.00	121.87	0.00	5832.76	1922.91	3909.20
315+50	31550.00	50.00	69.28	0.03	132.53	0.09	5965.29	1922.94	4041.70
316+00	31600.00	50.00	60.93	0.07	120.56	0.09	6085.85	1923.03	4162.17
316+50	31650.00	50.00	49.31	0.00	102.07	0.06	6187.92	1923.09	4264.18
317+00	31700.00	50.00	42.22	0.00	84.75	0.00	6272.67	1923.09	4348.93
317+50	31750.00	50.00	42.79	0.16	78.71	0.15	6351.39	1923.24	4427.50
318+00	31800.00	50.00	43.27	0.02	79.69	0.17	6431.07	1923.41	4507.02
318+50	31850.00	50.00	31.81	0.52	69.52	0.50	6500.59	1923.91	4576.04
319+00	31900.00	50.00	24.71	1.40	52.33	1.78	6552.92	1925.69	4626.59
319+50	31950.00	50.00	23.06	2.11	44.23	3.25	6597.16	1932.29	4667.57
320+00	32000.00	50.00	23.93	1.51	43.51	3.35	6640.67	1932.29	4707.73
320+50	32050.00	50.00	33.71	0.00	53.37	1.40	6694.04	1933.69	4759.70
321+00	32100.00	50.00	30.12	0.55	59.10	0.51	6753.14	1934.19	4818.29
321+50	32150.00	50.00	23.89	1.82	50.01	2.19	6803.15	1936.39	4866.11
322+00	32200.00	50.00	20.03	4.05	40.67	5.44	6843.81	1941.82	4901.34
322+50	32250.00	50.00	22.34	2.11	39.23	5.70	6883.04	1947.53	4934.87
323+00	32300.00	50.00	20.68	2.12	39.83	3.92	6922.88	1951.44	4970.79
323+50	32350.00	50.00	20.36	3.36	38.00	5.07	6960.88	1956.52	5003.71
324+00	32400.00	50.00	22.27	2.55	39.47	5.47	7000.35	1961.99	5037.71
324+50	32450.00	50.00	19.92	3.39	39.06	5.50	7039.42	1967.49	5071.28
325+00	32500.00	50.00	21.86	2.14	38.69	5.12	7078.10	1972.61	5104.84
325+50	32550.00	50.00	19.87	5.19	38.64	6.79	7116.74	1979.40	5136.69
326+00	32600.00	50.00	19.64	4.56	36.58	9.03	7153.32	1988.43	5164.25
326+50	32650.00	50.00	18.59	6.02	35.40	9.80	7188.72	1998.22	5189.85

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1096  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 1 - IH 94 NB TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
327+00	32700.00	50.00	18.42	6.54	34.27	11.63	7222.99	2009.85	5212.49
327+50	32750.00	50.00	18.42	6.54	34.11	12.11	7257.10	2021.96	5234.49
328+00	32800.00	50.00	18.42	6.54	34.11	12.11	7291.21	2034.07	5256.49
328+50	32850.00	50.00	18.42	6.54	34.11	12.11	7325.32	2046.19	5278.49
329+00	32900.00	50.00	18.42	6.54	34.11	12.11	7359.43	2058.30	5300.49
329+50	32950.00	50.00	18.42	6.54	34.11	12.11	7393.54	2070.41	5322.49
330+00	33000.00	50.00	15.19	21.63	31.12	26.08	7424.67	2096.49	5327.53
330+50	33050.00	50.00	15.09	27.20	28.04	45.21	7452.70	2141.70	5310.35
331+00	33100.00	50.00	15.54	32.65	28.36	55.42	7481.06	2197.12	5283.29
331+50	33150.00	50.00	16.76	37.67	29.91	65.11	7510.97	2262.23	5248.09
332+00	33200.00	50.00	16.45	38.61	30.75	70.63	7541.72	2332.86	5208.21
332+50	33250.00	50.00	15.62	37.62	29.69	70.58	7571.42	2403.44	5167.32
333+00	33300.00	50.00	17.96	39.43	31.09	71.34	7602.51	2474.79	5127.07
333+50	33350.00	50.00	17.05	46.23	32.42	79.31	7634.92	2554.10	5080.17
334+00	33400.00	50.00	16.55	45.29	31.11	84.74	7666.04	2638.84	5026.54
334+50	33450.00	50.00	17.71	45.44	31.72	84.01	7697.76	2722.85	4974.26
335+00	33500.00	50.00	16.83	49.01	31.98	87.45	7729.74	2810.31	4918.79
335+50	33550.00	50.00	14.66	41.86	29.16	84.14	7758.90	2894.44	4863.80
336+00	33600.00	50.00	20.07	20.71	32.16	57.94	7791.05	2952.38	4838.03
336+50	33650.00	50.00	19.37	9.27	36.52	27.76	7827.57	2980.14	4846.79
337+00	33700.00	50.00	27.41	0.00	43.31	8.58	7870.89	2988.72	4881.52
337+50	33750.00	50.00	24.95	0.00	48.48	0.00	7919.37	2988.72	4930.00
338+00	33800.00	50.00	21.14	0.01	42.68	0.01	7962.04	2988.73	4972.67
338+50	33850.00	50.00	17.71	0.00	35.97	0.01	7998.02	2988.74	5008.63
339+00	33900.00	50.00	10.00	0.00	25.66	0.00	8023.67	2988.74	5034.29
339+50 BK	33949.60	49.60	3.82	0.00	12.69	0.00	8036.37	2988.74	5046.98
342+50 AH	34250.00	0.00	2.83	0.00	0.00	0.00	0.00	0.00	0.00
342+79	34279.07	29.07	3.06	0.00	3.17	0.00	3.17	0.00	3.17
343+00	34300.00	20.93	1.33	0.71	1.70	0.28	4.87	0.28	4.60
343+50	34350.00	50.00	22.06	0.00	21.66	0.66	26.53	0.93	25.60
344+00	34400.00	50.00	17.31	0.00	36.45	0.00	62.98	0.93	62.05
344+50	34450.00	50.00	17.66	1.00	32.38	0.93	95.36	1.86	93.50
345+00	34500.00	50.00	24.39	0.00	38.94	0.93	134.30	2.78	131.51
345+50	34550.00	50.00	21.03	0.68	42.06	0.63	176.35	3.41	172.94
346+00	34600.00	50.00	25.90	0.00	43.45	0.63	219.81	4.04	215.76
346+50	34650.00	50.00	23.90	0.00	46.11	0.00	265.92	4.04	261.87
347+00	34700.00	50.00	17.10	1.83	37.96	1.69	303.88	5.74	298.14
347+50	34750.00	50.00	14.94	8.62	29.67	9.68	333.55	15.41	318.13
348+00	34800.00	50.00	16.46	7.02	29.07	14.48	362.62	29.90	332.73
348+50	34850.00	50.00	13.66	14.22	27.89	19.67	390.51	49.56	340.95
349+00	34900.00	50.00	14.67	15.64	26.23	27.65	416.74	77.21	339.53
349+50	34950.00	50.00	14.42	18.19	26.94	31.32	443.68	108.53	335.14
350+00	35000.00	50.00	18.51	14.05	30.49	29.85	474.17	138.39	335.78
350+50	35050.00	50.00	20.81	18.00	36.41	29.68	510.58	168.06	342.51

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1097  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

(CONTINUED)

Division 1 - IH 94 NB TEMPORARY WIDENING

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
415+50	41550.00	50.00	42.00	0.00	76.99	0.00	4534.00	1645.41	2890.78
416+00	41600.00	50.00	41.63	0.00	77.44	0.00	4611.44	1645.41	2968.22
416+50	41650.00	50.00	42.71	0.00	78.09	0.00	4689.53	1645.41	3046.31
417+00	41700.00	50.00	42.65	0.00	79.04	0.00	4768.56	1645.41	3125.34
417+50	41750.00	50.00	44.12	0.00	80.34	0.00	4848.91	1645.41	3205.69
418+00	41800.00	50.00	44.03	0.00	81.62	0.00	4930.53	1645.41	3287.31
418+50	41850.00	50.00	43.13	0.00	80.70	0.00	5011.23	1645.41	3368.01
419+00	41900.00	50.00	44.48	0.00	81.12	0.00	5092.35	1645.41	3449.13
419+50	41950.00	50.00	42.71	0.00	80.73	0.00	5173.08	1645.41	3529.86
420+00	42000.00	50.00	41.33	0.00	77.81	0.00	5250.90	1645.41	3607.68
420+50	42050.00	50.00	41.14	0.00	76.36	0.00	5327.26	1645.41	3684.04
421+00	42100.00	50.00	42.10	0.00	77.07	0.00	5404.33	1645.41	3761.11
421+50	42150.00	50.00	41.10	0.00	77.04	0.00	5481.37	1645.41	3838.15
422+00	42200.00	50.00	37.54	0.00	72.81	0.00	5554.19	1645.41	3910.97
422+50	42250.00	50.00	34.12	0.00	66.35	0.00	5620.54	1645.41	3977.32
423+00	42300.00	50.00	30.11	0.00	59.47	0.00	5680.01	1645.41	4036.79
423+24	42324.25	24.25	1.25	0.00	14.08	0.00	5694.09	1645.41	4050.87
423+36	42335.80	11.55	16.30	0.00	3.75	0.00	5697.85	1645.41	4054.63
423+50	42350.00	14.20	17.38	0.00	8.86	0.00	5706.70	1645.41	4063.48
424+00	42400.00	50.00	17.81	0.00	32.58	0.00	5739.29	1645.41	4096.07
424+50	42450.00	50.00	21.26	0.00	36.18	0.00	5775.46	1645.41	4132.24
425+00	42500.00	50.00	22.24	0.00	40.28	0.00	5815.74	1645.41	4172.52
425+50	42550.00	50.00	15.75	0.00	35.18	0.00	5850.92	1645.41	4207.70
426+00	42600.00	50.00	15.56	0.00	28.99	0.00	5879.91	1645.41	4236.69
426+50	42650.00	50.00	17.55	0.00	30.66	0.00	5910.56	1645.41	4267.34
427+00	42700.00	50.00	16.69	0.00	31.70	0.00	5942.27	1645.41	4299.05
427+50	42750.00	50.00	15.49	0.00	29.80	0.00	5972.06	1645.41	4328.84
428+00	42800.00	50.00	13.08	0.00	26.45	0.00	5998.52	1645.41	4355.30
428+50	42850.00	50.00	10.24	0.00	21.59	0.00	6020.11	1645.41	4376.89
429+00	42900.00	50.00	11.38	0.00	20.02	0.00	6040.13	1645.41	4396.91
429+10	42909.74	9.74	27.32	0.00	6.98	0.00	6047.11	1645.41	4403.89
429+50	42950.00	40.26	29.51	0.00	42.37	0.00	6089.48	1645.41	4446.26
430+00	43000.00	50.00	28.46	0.00	53.68	0.00	6143.15	1645.41	4499.93
430+26	43025.95	25.95	10.93	0.00	18.93	0.00	6162.08	1645.41	4518.86
430+50	43050.00	24.05	15.08	0.00	11.58	0.00	6173.67	1645.41	4530.45
431+00	43100.00	50.00	12.23	0.00	25.29	0.00	6198.96	1645.41	4555.73
431+50	43150.00	50.00	12.93	0.00	23.30	0.00	6222.25	1645.41	4579.03
432+00	43200.00	50.00	11.68	0.00	22.79	0.00	6245.04	1645.41	4601.82
432+50	43250.00	50.00	10.48	0.00	20.52	0.00	6265.56	1645.41	4622.34
433+00	43300.00	50.00	8.18	0.00	17.28	0.00	6282.83	1645.41	4639.61
433+50	43350.00	50.00	1.89	0.00	9.32	0.00	6292.16	1645.41	4648.94
433+65 BK	43365.26	15.26	12.07	0.00	3.94	0.00	6296.10	1645.41	4652.88
COLUMN TOTALS			17,579.64	5294.65					

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1101  
 July 3, 2018



(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	88.27	0.00	168.49	0.00	17882.64	2493.12	15389.52
269+50	26950.00	50.00	167.49	41.94	236.81	38.83	18119.45	2531.95	15587.51
270+00	27000.00	50.00	166.34	43.43	309.10	79.05	18428.56	2611.00	15817.56
270+50	27050.00	50.00	163.73	35.48	305.62	73.06	18734.18	2684.06	16050.12
271+00	27100.00	50.00	136.36	36.59	277.86	66.73	19012.04	2750.79	16261.25
271+50	27150.00	50.00	123.38	38.97	240.50	69.96	19252.54	2820.76	16431.78
272+00	27200.00	50.00	118.78	31.32	224.22	65.08	19476.76	2885.84	16590.92
272+50	27250.00	50.00	101.58	32.28	204.04	58.89	19680.80	2944.73	16736.07
273+00	27300.00	50.00	97.87	33.60	184.68	61.00	19865.47	3005.73	16859.75
273+50	27350.00	50.00	112.17	26.95	194.48	56.06	20059.95	3061.79	16998.16
274+00	27400.00	50.00	121.12	30.72	216.01	53.40	20275.96	3115.19	17160.77
274+50	27450.00	50.00	130.71	34.37	233.18	60.27	20509.14	3175.46	17333.68
275+00	27500.00	50.00	139.64	37.12	250.32	66.19	20759.46	3241.65	17517.81
275+50	27550.00	50.00	133.60	47.86	253.00	78.69	21012.46	3320.34	17692.13
276+00	27600.00	50.00	123.08	55.97	237.67	96.14	21250.13	3416.48	17833.65
276+50	27650.00	50.00	100.27	63.91	206.81	111.00	21456.94	3527.48	17929.46
277+00	27700.00	50.00	78.03	75.16	165.09	128.77	21622.03	3656.25	17965.78
277+50	27750.00	50.00	103.50	57.25	168.08	122.60	21790.11	3778.85	18011.26
278+00	27800.00	50.00	98.31	69.81	186.86	117.65	21976.97	3896.50	18080.48
278+50	27850.00	50.00	114.95	69.54	197.46	129.03	22174.44	4025.52	18148.91
279+00	27900.00	50.00	133.22	66.44	229.79	125.91	22404.22	4151.43	18252.79
279+50	27950.00	50.00	153.29	61.70	265.29	118.65	22669.51	4270.08	18399.43
280+00	28000.00	50.00	130.52	59.58	262.79	112.30	22932.30	4382.38	18549.92
280+50	28050.00	50.00	112.95	60.83	225.44	111.49	23157.73	4493.87	18663.87
281+00	28100.00	50.00	88.46	81.81	186.49	132.07	23344.22	4625.94	18718.28

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1141  
 July 3, 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	
281+50	28150.00	50.00	55.14	129.38	132.96	195.55	23477.19	4821.49	18655.70
282+00	28200.00	50.00	38.91	172.34	87.08	279.37	23564.27	5100.86	18463.41
282+50	28250.00	50.00	53.08	162.14	85.18	309.70	23649.45	5410.56	18238.88
282+88	28288.42	38.42	37.52	127.16	64.46	205.83	23713.91	5616.39	18097.51
283+00	28300.00	11.58	37.23	125.94	16.03	54.28	23729.94	5670.67	18059.27
283+50	28350.00	50.00	175.75	97.36	197.20	206.76	23927.14	5877.43	18049.71
284+00	28400.00	50.00	214.38	64.59	361.23	149.95	24288.37	6027.38	18260.99
284+50	28450.00	50.00	97.19	62.05	288.49	117.26	24576.86	6144.64	18432.22
285+00	28500.00	50.00	82.56	58.61	166.44	111.72	24743.30	6256.36	18486.93
285+50	28550.00	50.00	66.21	61.53	165.19	191.71	24729.46	5292.57	18436.89
286+00	28600.00	50.00	64.24	61.80	120.79	114.19	23850.25	5406.76	18443.48
286+50	28650.00	50.00	69.30	64.47	123.65	116.92	23973.90	5523.68	18450.22
287+00	28700.00	50.00	74.26	65.76	132.93	120.58	24106.82	5644.26	18462.56
287+50	28750.00	50.00	72.70	101.41	136.07	154.79	24242.90	5799.05	18443.85
288+00	28800.00	50.00	67.68	97.51	129.98	184.19	24372.88	5983.24	18389.64
288+50	28850.00	50.00	72.89	96.94	130.16	180.05	24503.04	6163.28	18339.75
289+00	28900.00	50.00	71.09	94.97	133.31	177.69	24636.35	6340.98	18295.37
289+50	28950.00	50.00	67.41	100.54	128.24	181.03	24764.59	6522.00	18242.59
290+00	29000.00	50.00	63.29	100.41	121.02	186.06	24885.61	6708.07	18177.54
290+50	29050.00	50.00	62.88	99.64	116.82	185.23	25002.43	6893.30	18109.13
291+00	29100.00	50.00	70.55	96.51	123.55	181.62	25125.98	7074.92	18051.06
291+50	29150.00	50.00	78.86	89.99	138.34	179.20	25264.32	7254.12	18010.20
291+90	29189.76	39.76	92.22	87.03	125.97	137.70	25390.29	7391.83	17998.46
292+00	29200.00	10.24	90.24	88.45	34.60	33.84	25424.89	7425.66	17999.22
292+15	29214.74	14.74	89.41	84.68	49.04	47.26	25473.93	7472.92	18001.00
292+40	29239.72	24.98	92.23	80.96	84.03	76.62	25557.95	7549.55	18008.40
292+50	29250.00	10.28	92.78	80.82	35.22	30.80	25593.17	7580.34	18012.83
293+00	29300.00	50.00	108.61	79.37	186.47	148.32	25779.64	7728.67	18050.97
293+50	29350.00	50.00	122.36	74.66	213.86	142.62	25993.50	7871.29	18122.22
294+00	29400.00	50.00	163.35	59.00	264.55	123.76	26258.05	7995.05	18263.00
294+50	29450.00	50.00	161.88	17.71	301.14	71.03	26559.19	8066.08	18493.11
295+00	29500.00	50.00	183.36	19.01	319.67	34.00	26878.86	8100.08	18778.78
295+50	29550.00	50.00	226.91	0.04	379.88	17.64	27258.74	8117.71	19141.02
296+00	29600.00	50.00	243.72	0.01	435.77	0.05	27694.50	8117.76	19576.74
296+50	29650.00	50.00	254.77	0.00	461.56	0.01	28156.07	8117.77	20038.30
297+00	29700.00	50.00	258.31	0.00	475.07	0.00	28631.14	8117.77	20513.37
297+50	29750.00	50.00	271.31	0.00	490.39	0.00	29121.53	8117.77	21003.76
298+00	29800.00	50.00	255.74	0.00	488.01	0.00	29609.54	8117.77	21491.77
298+50	29850.00	50.00	252.38	0.00	470.48	0.00	30080.02	8117.77	21962.25
299+00	29900.00	50.00	246.84	0.00	462.24	0.00	30542.26	8117.77	22424.49
299+50	29950.00	50.00	259.34	0.00	468.69	0.00	31010.95	8117.77	22893.18
300+00	30000.00	50.00	230.69	9.45	453.73	8.75	31464.68	8126.52	23338.16
300+50	30050.00	50.00	232.32	17.62	428.71	25.06	31893.39	8151.58	23741.81
301+00	30100.00	50.00	238.94	15.89	436.35	31.03	32329.75	8182.61	24147.13
301+50	30150.00	50.00	254.90	0.00	457.26	14.71	32787.00	8197.33	24589.68

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1142  
 July 3, 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\_ewr.ppt

PLOT DATE: 07/20/18 10:30:39 AM

PLOT BY: MSCSEJ

PLOT NAME: 090101\_ew62

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	
302+00	30200.00	50.00	266.07	0.00	482.38	0.00	33269.38	8197.33	25072.06
302+50	30250.00	50.00	279.20	0.00	504.88	0.00	33774.26	8197.33	25576.94
303+00	30300.00	50.00	288.03	3.26	525.21	3.02	34299.48	8200.34	26099.13
303+50	30350.00	50.00	307.62	2.33	551.53	5.18	34851.00	8205.52	26645.48
304+00	30400.00	50.00	319.82	5.90	580.96	7.62	35431.97	8213.14	27218.83
304+50	30450.00	50.00	323.99	5.90	596.12	10.93	36028.09	8224.07	27804.02
305+00	30500.00	50.00	316.35	6.99	592.91	11.94	36621.00	8236.00	28384.99
305+50	30550.00	50.00	303.03	3.96	573.50	10.14	37194.50	8246.14	28948.35
306+00	30600.00	50.00	278.27	5.75	538.24	8.99	37732.74	8255.13	29477.60
306+50	30650.00	50.00	245.90	9.84	485.34	14.44	38218.08	8269.57	29948.51
307+00	30700.00	50.00	217.49	3.06	429.06	11.94	38647.14	8281.51	30365.63
307+50	30750.00	50.00	209.26	0.20	395.14	3.02	39042.28	8284.53	30757.75
308+00	30800.00	50.00	317.85	8.19	488.06	7.77	39530.35	8292.30	31238.05
308+50	30850.00	50.00	329.47	6.42	599.37	13.53	40129.72	8305.83	31823.89
309+00	30900.00	50.00	275.30	6.63	559.97	12.08	40689.69	8317.91	32371.78
309+50	30950.00	50.00	248.01	7.33	484.55	12.93	41174.24	8330.83	32843.40
310+00	31000.00	50.00	222.20	6.74	435.38	13.03	41609.62	8343.86	33265.75
310+50	31050.00	50.00	193.83	6.03	385.21	11.82	41994.83	8355.69	33639.14
311+00	31100.00	50.00	240.75	4.64	402.39	9.88	42397.22	8365.57	34031.65
311+50	31150.00	50.00	319.05	3.41	435.33	7.45	42915.55	8373.02	34542.53
312+00	31200.00	50.00	410.02	2.28	675.06	5.27	43590.62	8378.29	35212.33
312+50	31250.00	50.00	478.42	0.85	822.63	2.90	44413.25	8381.19	36032.06
313+00	31300.00	50.00	515.66	0.08	920.44	0.86	45333.69	8382.05	36951.64
313+50	31350.00	50.00	560.94	0.00	996.85	0.07	46330.54	8382.12	37948.42
314+00	31400.00	50.00	594.82	0.00	1070.15	0.00	47400.69	8382.12	39018.57
314+50	31450.00	50.00	630.25	0.00	1134.32	0.00	48535.01	8382.12	40152.89
315+00	31500.00	50.00	659.82	0.00	1194.51	0.00	49729.52	8382.12	41347.40
315+50	31550.00	50.00	673.60	0.00	1234.65	0.00	50964.17	8382.12	42582.05
316+00	31600.00	50.00	669.01	0.00	1243.16	0.00	52207.33	8382.12	43825.21
316+50	31650.00	50.00	645.20	0.00	1216.86	0.00	53424.19	8382.12	45042.07
317+00	31700.00	50.00	604.97	0.00	1157.56	0.00	54581.75	8382.12	46199.63
317+50	31750.00	50.00	559.52	0.00	1078.23	0.00	55659.99	8382.12	47277.86
318+00	31800.00	50.00	494.95	0.00	976.36	0.00	56636.35	8382.12	48254.22
318+50	31850.00	50.00	410.50	0.37	838.38	0.34	57474.73	8382.46	49092.26
319+00	31900.00	50.00	345.79	2.41	700.27	2.57	58175.00	8385.04	49789.96
319+50	31950.00	50.00	270.05	6.60	570.22	8.34	58745.22	8393.38	50351.84
320+00	32000.00	50.00	235.72	10.27	468.31	15.62	59213.52	8409.00	50804.52
320+50	32050.00	50.00	203.50	14.39	406.69	22.83	59620.21	8431.83	51188.37
321+00	32100.00	50.00	168.16	18.92	344.13	30.84	59964.34	8462.68	51501.66
321+50	32150.00	50.00	125.24	25.64	271.67	41.26	60236.00	8503.94	51732.07
322+00	32200.00	50.00	105.79	28.90	213.92	50.50	60449.92	8554.44	51895.48
322+50	32250.00	50.00	95.89	31.48	186.74	55.91	60636.66	8610.34	52026.32
323+00	32300.00	50.00	78.12	36.78	161.12	63.20	60797.78	8673.55	52124.23
323+50	32350.00	50.00	73.38	35.79	140.28	67.19	60938.06	8740.74	52197.32
324+00	32400.00	50.00	78.60	36.11	140.72	66.57	61078.78	8807.32	52271.47

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1143  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1143

E

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

PLOT DATE: 07/20/18 10:30:39 AM

PLOT BY: MSCSEJ

PLOT NAME: 090101\_ew65

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	
324+50	32450.00	50.00	88.85	31.92	155.05	62.99	61233.83	8870.31	52363.52
325+00	32500.00	50.00	105.86	29.96	180.29	57.30	61414.12	8927.60	52486.51
325+50	32550.00	50.00	146.31	25.12	233.49	51.00	61647.61	8978.60	52669.00
326+00	32600.00	50.00	184.92	20.69	306.69	42.42	61954.30	9021.02	52933.28
326+50	32650.00	50.00	204.46	19.07	360.54	36.81	62314.84	9057.83	53257.00
327+00	32700.00	50.00	199.53	17.64	374.06	33.99	62688.90	9091.83	53597.08
327+50	32750.00	50.00	191.48	16.14	362.05	31.28	63050.95	9123.10	53927.85
328+00	32800.00	50.00	167.09	15.59	332.01	29.38	63382.96	9152.48	54230.47
328+50	32850.00	50.00	151.32	17.74	294.82	30.86	63677.78	9183.34	54494.44
329+00	32900.00	50.00	164.40	20.31	292.33	35.23	63970.12	9218.58	54751.54
329+50	32950.00	50.00	174.80	22.87	314.07	39.98	64284.19	9258.56	55025.63
330+00	33000.00	50.00	165.74	31.06	315.31	49.94	64599.50	9308.49	55291.01
330+23	33022.52	22.52	157.72	35.38	134.89	27.71	64734.40	9336.20	55398.20
330+50	33050.00	27.48	153.74	41.63	158.50	39.19	64892.90	9375.39	55517.51
331+00	33100.00	50.00	145.25	57.95	276.84	92.20	65169.74	9467.59	55702.15
331+50	33150.00	50.00	143.91	81.74	267.74	129.34	65437.48	9596.94	55840.54
332+00	33200.00	50.00	146.98	121.24	269.34	187.94	65706.82	9784.88	55921.94
332+33	33232.52	32.52	155.78	118.71	182.33	144.50	65889.15	9929.38	55959.77
332+50	33250.00	17.48	162.55	117.48	103.04	76.46	65992.20	10005.84	55986.36
332+58	33257.50	7.50	164.23	117.55	45.39	32.64	66037.58	10038.48	55999.10
332+82	33282.48	24.98	169.78	120.82	154.51	110.27	66192.09	10148.75	56043.34
333+00	33300.00	17.52	170.86	126.50	110.52	80.24	66302.61	10228.99	56073.62
333+50	33350.00	50.00	169.92	125.34	315.54	233.19	66618.15	10462.18	56155.97
334+00	33400.00	50.00	172.71	120.47	317.25	227.60	66935.40	10689.78	56245.62
334+50	33450.00	50.00	173.45	122.04	320.52	224.55	67255.92	10914.33	56341.59
335+00	33500.00	50.00	171.94	123.04	319.81	226.93	67575.72	11141.25	56434.47
335+50	33550.00	50.00	178.59	116.51	324.56	221.81	67900.29	11363.06	56537.23
336+00	33600.00	50.00	187.01	116.27	338.52	215.54	68238.81	11578.59	56660.21
336+50	33650.00	50.00	193.68	112.56	352.49	211.88	68591.30	11790.47	56800.82
337+00	33700.00	50.00	182.73	98.79	348.53	195.69	68939.83	11986.17	56953.66
337+50	33750.00	50.00	193.79	93.65	348.63	178.19	69288.45	12164.35	57124.10
338+00	33800.00	50.00	210.09	103.20	373.96	182.27	69662.42	12346.62	57315.80
338+50	33850.00	50.00	212.13	92.14	390.94	180.87	70053.36	12527.49	57525.87
339+00	33900.00	50.00	227.65	85.05	407.20	164.06	70460.57	12691.56	57769.01
339+50	33950.00	50.00	249.19	50.45	441.52	125.46	70902.08	12817.02	58085.06
340+00	34000.00	50.00	207.01	0.00	422.41	46.71	71324.49	12863.73	58460.76
340+50	34050.00	50.00	214.45	0.00	390.24	0.00	71714.73	12863.73	58851.00
341+00	34100.00	50.00	167.16	0.00	353.34	0.00	72068.08	12863.73	59204.34
341+50	34150.00	50.00	172.39	0.00	314.40	0.00	72382.47	12863.73	59518.74
342+00	34200.00	50.00	173.43	0.00	320.20	0.00	72702.68	12863.73	59838.94
342+50	34250.00	50.00	174.70	0.00	322.34	0.00	73025.02	12863.73	60161.29
343+00	34300.00	50.00	219.23	0.00	364.75	0.00	73389.77	12863.73	60526.04
343+50	34350.00	50.00	224.70	0.00	411.05	0.00	73800.82	12863.73	60937.08
344+00	34400.00	50.00	219.41	0.00	411.21	0.00	74212.03	12863.73	61348.30
344+50	34450.00	50.00	228.48	0.51	414.71	0.47	74626.74	12864.21	61762.54

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1144  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1144

E

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

PLOT DATE: 07/20/2018 10:30:39 AM

PLOT BY: MSCSEJ

PLOT NAME: 080101\_ew64

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	75056.25	12864.68	62191.57
345+50	34550.00	50.00	236.65	3.58	437.07	3.31	75493.33	12867.99	62625.33
346+00	34600.00	50.00	252.41	0.00	452.83	3.31	75946.16	12871.31	63074.85
346+50	34650.00	50.00	264.44	0.00	478.56	0.00	76424.72	12871.31	63553.42
347+00	34700.00	50.00	268.08	0.17	493.07	0.16	76917.80	12871.46	64046.33
347+50	34750.00	50.00	190.00	23.06	424.15	21.51	77341.95	12892.97	64448.97
348+00	34800.00	50.00	202.77	12.67	363.68	33.08	77705.62	12926.06	64779.56
348+50	34850.00	50.00	271.09	1.78	438.76	13.38	78144.38	12939.44	65204.94
349+00	34900.00	50.00	281.58	3.16	511.73	4.57	78656.11	12944.01	65712.10
349+50	34950.00	50.00	291.32	6.75	530.46	9.18	79186.58	12953.19	66233.39
350+00	35000.00	50.00	276.75	11.47	525.99	16.87	79712.57	12970.06	66742.51
350+50	35050.00	50.00	275.34	10.53	511.19	20.37	80223.76	12990.43	67233.33
351+00	35100.00	24.98	287.63	11.49	262.03	9.56	80742.54	13009.11	67733.43
351+50	35150.00	50.00	296.17	3.56	540.56	13.94	81283.09	13023.05	68260.05
351+65	35165.02	15.02	300.88	1.24	166.07	1.34	81449.16	13024.38	68424.78
351+90	35190.00	24.98	303.13	0.08	279.41	0.61	81728.57	13024.99	68703.58
352+00	35200.00	10.00	305.41	0.00	112.69	0.01	81841.27	13025.01	68816.26
352+15	35214.98	14.98	306.71	0.00	169.81	0.00	82011.07	13025.01	68986.06
352+50	35250.00	35.02	298.08	0.00	392.22	0.00	82403.29	13025.01	69378.28
353+00	35300.00	50.00	286.77	0.20	541.53	0.19	82944.82	13025.19	69919.62
353+50	35350.00	50.00	371.42	0.00	609.44	0.19	83554.25	13025.38	70528.87
354+00	35400.00	50.00	260.86	0.00	585.44	0.00	84139.70	13025.38	71114.32
354+50	35450.00	50.00	262.96	0.00	485.02	0.00	84624.72	13025.38	71599.34
355+00	35500.00	50.00	275.42	0.00	498.50	0.00	85123.22	13025.38	72097.84
355+50	35550.00	50.00	221.63	0.49	460.23	0.45	85583.45	13025.83	72557.61
356+00	35600.00	50.00	427.24	0.00	600.81	0.45	86184.25	13026.29	73157.97
356+50	35650.00	50.00	320.76	0.00	692.59	0.00	86876.85	13026.29	73850.56
357+00	35700.00	50.00	308.44	0.00	582.59	0.00	87459.44	13026.29	74433.15
357+50	35750.00	50.00	286.68	0.00	551.04	0.00	88010.47	13026.29	74984.19
358+00	35800.00	50.00	268.64	0.00	514.19	0.00	88524.66	13026.29	75498.37
358+50	35850.00	50.00	246.29	0.00	476.79	0.00	89001.45	13026.29	75975.16
359+00	35900.00	50.00	217.58	0.29	429.51	0.27	89430.96	13026.55	76404.40
359+50	35950.00	50.00	184.86	3.10	372.63	3.14	89803.59	13029.69	76773.89
360+00	36000.00	50.00	179.66	5.08	337.52	7.57	90141.10	13037.27	77103.84
360+50	36050.00	50.00	168.76	8.10	322.61	12.20	90463.72	13049.47	77414.24
361+00	36100.00	50.00	166.05	12.02	310.01	18.63	90773.72	13068.10	77705.62
361+50	36150.00	50.00	162.45	14.23	304.17	24.31	91077.89	13092.41	77985.49
362+00	36200.00	50.00	170.28	14.81	308.08	26.89	91385.97	13119.30	78266.68
362+50	36250.00	50.00	174.84	15.86	319.56	28.40	91705.53	13147.69	78557.84
363+00	36300.00	50.00	176.13	11.90	324.97	25.70	92030.50	13173.40	78857.11
363+50	36350.00	50.00	173.80	7.92	324.01	18.35	92354.51	13191.75	79162.76
364+00	36400.00	50.00	174.45	5.58	322.45	12.50	92676.97	13204.25	79472.72
364+50	36450.00	50.00	180.85	2.07	328.98	7.08	93005.95	13211.33	79794.61
365+00	36500.00	50.00	178.68	1.10	332.90	2.94	93338.85	13214.27	80124.58

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1145  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1145

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

PLOT DATE: 07/20/18 10:30:39 AM

PLOT BY: MSCSEJ

PLOT NAME: 090101\_ew5

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	
365+50	36550.00	50.00	185.02	0.07	336.76	1.08	93675.60	13215.35	80460.25
366+00	36600.00	50.00	186.19	0.00	343.71	0.06	94019.32	13215.42	80803.90
366+50	36650.00	50.00	178.04	0.00	337.25	0.00	94356.57	13215.42	81141.15
367+00	36700.00	50.00	140.88	0.00	295.30	0.00	94651.86	13215.42	81436.45
367+50	36750.00	50.00	141.25	0.00	261.23	0.00	94913.10	13215.42	81697.68
368+00	36800.00	50.00	143.44	0.00	263.60	0.00	95176.70	13215.42	81961.28
368+50	36850.00	50.00	147.44	0.00	269.33	0.00	95446.03	13215.42	82230.61
369+00	36900.00	50.00	151.91	0.00	277.18	0.00	95723.21	13215.42	82507.79
369+50	36950.00	50.00	252.40	3.49	374.36	3.23	96097.57	13218.65	82878.92
370+00	37000.00	50.00	305.83	5.22	516.88	8.06	96614.45	13226.71	83387.74
370+10	37009.52	9.52	314.21	5.63	109.31	1.91	96723.76	13228.62	83495.13
370+50	37050.00	40.48	337.17	6.76	488.29	9.29	97212.05	13237.91	83974.14
371+00	37100.00	50.00	378.79	7.55	662.93	13.25	97874.98	13251.16	84623.81
371+25	37124.50	24.50	373.93	5.81	341.51	6.06	98216.49	13257.22	84959.27
371+50	37150.00	25.50	380.36	3.77	356.19	4.52	98572.68	13261.75	85310.93
372+00	37200.00	50.00	415.25	2.81	736.68	6.09	99309.36	13267.84	86041.52
372+50	37250.00	50.00	444.38	2.70	795.95	5.10	100105.31	13272.94	86832.37
373+00	37300.00	50.00	440.59	0.69	819.42	3.14	100924.73	13276.08	87648.65
373+50	37350.00	50.00	453.43	0.06	827.80	0.69	101752.52	13276.78	88475.75
374+00	37400.00	50.00	448.78	1.07	835.38	1.05	102587.90	13277.82	89310.08
374+50	37450.00	50.00	440.04	2.03	822.98	2.87	103410.89	13280.69	90130.19
375+00	37500.00	50.00	446.92	3.12	817.26	4.77	104232.14	13285.46	90946.68
375+50	37550.00	50.00	435.83	4.75	871.36	7.29	105049.51	13292.75	91756.76
376+00	37600.00	50.00	421.65	5.58	793.96	9.56	105843.47	13302.31	92541.16
376+50	37650.00	50.00	378.12	8.42	740.53	12.96	106584.00	13315.28	93268.72
377+00	37700.00	50.00	342.43	6.03	667.18	13.38	107251.17	13328.66	93922.52
377+50	37750.00	50.00	322.46	15.50	615.64	19.94	107866.81	13348.59	94518.22
378+00	37800.00	50.00	298.58	23.30	535.04	35.93	108441.85	13384.52	95057.33
378+50	37850.00	50.00	277.24	45.09	533.17	63.32	108975.02	13447.84	95527.17
379+00	37900.00	50.00	267.18	54.76	504.09	92.45	109479.11	13540.29	95938.81
379+50	37950.00	50.00	267.00	54.00	494.61	100.70	109973.72	13641.00	96332.72
380+00	38000.00	50.00	250.62	78.12	479.28	122.33	110453.00	13763.33	96689.67
380+50	38050.00	50.00	243.55	84.34	457.56	150.43	110910.56	13913.76	96996.80
381+00	38100.00	50.00	243.79	119.18	451.24	188.44	111361.80	14102.20	97259.60
381+50	38150.00	50.00	253.52	138.36	460.47	238.46	111822.27	14340.66	97481.61
382+00	38200.00	50.00	269.19	149.73	483.99	266.75	112306.27	14607.41	97698.85
382+50	38250.00	50.00	271.39	163.57	502.57	302.91	112808.84	14910.32	97896.48
383+00	38300.00	50.00	295.90	181.61	488.23	319.61	113297.07	15229.93	98065.10
383+50	38350.00	50.00	235.50	183.13	455.00	337.72	113752.07	15567.66	98182.38
384+00	38400.00	50.00	231.82	186.03	432.70	341.81	114184.77	15909.47	98273.27
384+50	38450.00	50.00	220.45	211.95	418.77	368.50	114603.54	16277.97	98323.54
385+00	38500.00	50.00	202.53	223.12	391.65	402.84	114995.19	16680.81	98312.34
385+19	38519.41	19.41	197.60	172.03	143.82	142.03	115139.02	16822.85	98314.13
385+50	38550.00	30.59	210.50	229.62	231.18	227.53	115370.20	17050.37	98317.79
386+00	38600.00	50.00	245.37	200.94	422.10	398.67	115792.30	17449.04	98341.22

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1146  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1146

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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	Cut	Fill	
386+50	38650.00		50.00	201.99	228.74	414.22	397.85	116206.52	17846.89	98357.59
387+00	38700.00		50.00	195.00	254.05	367.58	447.03	116574.10	18293.92	98278.15
387+50	38750.00		50.00	200.96	197.13	366.63	417.76	116940.73	18711.68	98227.02
388+00	38800.00		50.00	239.67	108.78	407.99	283.25	117348.72	18994.93	98351.76
388+50	38850.00		50.00	277.28	63.30	478.66	159.33	117827.38	19154.26	98671.08
389+00	38900.00		50.00	266.11	37.85	503.14	93.66	118330.52	19247.92	99080.56
389+50	38950.00		50.00	258.36	33.01	485.62	65.61	118816.14	19313.53	99500.57
390+00	39000.00		50.00	235.69	28.62	457.45	57.06	119273.59	19370.60	99900.96
390+50	39050.00		50.00	218.88	30.60	420.90	54.83	119694.49	19425.43	100267.03
391+00	39100.00		50.00	200.29	33.49	388.12	59.34	120082.61	19484.77	100595.80
391+10	39110.42		10.42	197.50	35.23	76.76	13.26	120159.37	19498.03	100659.30
391+50	39150.00		39.58	196.28	39.06	288.63	54.45	120448.00	19552.48	100893.48
392+00	39200.00		50.00	206.37	35.87	372.82	69.38	120820.82	19621.86	101196.92
392+25	39225.40		25.40	201.56	29.09	191.88	30.56	121012.70	19652.42	101358.24
392+50	39250.00		24.60	202.97	20.45	184.29	22.57	121196.99	19674.99	101519.96
393+00	39300.00		50.00	202.50	13.04	375.44	31.01	121572.42	19706.00	101864.39
393+50	39350.00		50.00	202.89	6.78	375.36	18.35	121947.78	19724.35	102221.40
394+00	39400.00		50.00	190.18	3.58	363.95	9.59	122311.74	19733.94	102575.76
394+50	39450.00		50.00	122.53	0.00	289.55	3.31	122601.28	19737.26	102861.99
395+00	39500.00		50.00	124.22	0.00	228.47	0.00	122829.75	19737.26	103090.46
395+50	39550.00		50.00	130.07	0.00	235.45	0.00	123065.21	19737.26	103325.92
396+00	39600.00		50.00	137.51	0.00	247.76	0.00	123312.97	19737.26	103573.67
396+50	39650.00		50.00	184.82	0.00	298.45	0.00	123611.42	19737.26	103872.13
397+00	39700.00		50.00	190.12	0.00	347.17	0.00	123958.59	19737.26	104219.29
397+50	39750.00		50.00	183.15	0.00	345.62	0.00	124304.21	19737.26	104564.92
398+00	39800.00		50.00	166.67	4.85	323.91	4.49	124628.12	19741.75	104884.33
398+50	39850.00		50.00	153.77	11.24	296.70	14.90	124924.82	19756.65	105166.14
399+00	39900.00		50.00	154.33	10.55	285.28	20.18	125210.10	19776.82	105431.24
399+50	39950.00		50.00	157.61	11.09	288.83	20.04	125498.93	19796.86	105700.04
400+00	40000.00		50.00	158.62	10.33	292.81	19.83	125791.74	19816.69	105973.01
400+50	40050.00		50.00	173.24	7.28	307.28	16.31	126099.01	19833.00	106263.98
401+00	40100.00		50.00	185.41	5.08	332.08	11.44	126431.10	19844.44	106584.62
401+50	40150.00		50.00	191.60	4.12	349.08	8.52	126780.18	19852.96	106925.18
402+00	40200.00		50.00	198.35	4.15	361.06	7.66	127141.25	19860.62	107278.59
402+50	40250.00		50.00	201.38	4.04	370.12	7.58	127511.37	19868.20	107641.13
403+00	40300.00		50.00	210.23	3.37	381.12	6.86	127892.49	19875.06	108015.39
403+50	40350.00		50.00	250.15	6.27	426.28	8.93	128318.76	19883.99	108432.74
403+81	40380.52		30.52	204.84	13.32	257.15	11.07	128575.92	19895.06	108678.82
404+00	40400.00		19.48	177.26	21.78	137.84	12.66	128713.76	19907.72	108804.00
404+50	40450.00		50.00	174.41	38.57	325.62	55.88	129039.38	19963.60	109073.74
404+71	40470.52		20.52	174.94	36.52	132.75	28.53	129172.13	19992.14	109177.96
404+96	40495.50		24.98	178.88	29.48	163.67	30.53	129335.80	20022.67	109311.10
405+00	40500.00		4.50	179.17	28.50	29.84	4.83	129365.64	20027.50	109336.11
405+20	40520.48		20.48	179.76	24.04	136.13	19.93	129501.77	20047.42	109452.31
405+50	40550.00		29.52	183.25	21.00	198.45	24.62	129700.22	20072.05	109626.13

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1147  
 July 3, 2018

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-84

HWY: IH 94

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 1147

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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	
406+00	40600.00	50.00	175.07	26.55	331.78	44.03	130031.99	20116.07	109913.88
406+50	40650.00	50.00	248.59	8.53	392.28	32.48	130424.27	20148.56	110273.68
407+00	40700.00	50.00	188.38	0.49	404.60	8.35	130828.87	20156.91	110669.93
407+50	40750.00	50.00	187.70	1.81	348.22	2.13	131177.09	20159.04	111016.02
408+00	40800.00	50.00	191.57	0.99	351.18	2.59	131528.27	20161.63	111364.60
408+50	40850.00	50.00	192.47	1.41	355.59	2.22	131883.86	20163.85	111717.97
409+00	40900.00	50.00	196.54	0.60	360.19	1.86	132244.06	20165.71	112076.31
409+50	40950.00	50.00	273.61	4.56	435.32	4.78	132679.38	20170.49	112506.85
410+00	41000.00	50.00	282.59	4.37	515.00	8.27	133194.38	20178.76	113013.59
410+50	41050.00	50.00	265.25	3.85	507.26	7.61	133701.64	20186.37	113513.23
411+00	41100.00	50.00	259.66	3.71	486.03	7.00	134187.67	20193.37	113992.26
411+50	41150.00	50.00	268.75	2.54	489.27	5.79	134676.94	20199.16	114475.74
412+00	41200.00	50.00	275.87	2.18	504.28	4.37	135181.22	20203.53	114975.65
412+50	41250.00	50.00	264.67	2.39	500.50	4.23	135681.72	20207.76	115471.92
413+00	41300.00	50.00	243.80	0.38	470.81	2.56	136152.52	20210.32	115940.16
413+50	41350.00	50.00	215.40	0.32	425.19	0.65	136577.71	20211.27	116364.70
414+00	41400.00	50.00	189.77	0.00	375.16	0.30	136992.86	20211.27	116739.56
414+50	41450.00	50.00	174.44	0.00	337.23	0.00	137290.09	20211.27	117076.79
415+00	41500.00	50.00	169.23	0.00	318.21	0.00	137608.31	20211.27	117395.00
415+50	41550.00	50.00	174.06	0.00	317.86	0.00	137926.17	20211.27	117712.86
416+00	41600.00	50.00	171.68	0.00	320.13	0.00	138246.30	20211.27	118032.99
416+50	41650.00	50.00	178.02	0.00	323.80	0.00	138570.09	20211.27	118356.79
417+00	41700.00	50.00	175.22	0.00	327.07	0.00	138897.17	20211.27	118683.86
417+50	41750.00	50.00	169.41	0.00	319.10	0.00	139216.27	20211.27	119002.96
418+00	41800.00	50.00	167.83	0.00	312.26	0.00	139528.53	20211.27	119315.22
418+50	41850.00	50.00	167.95	0.00	310.91	0.00	139839.44	20211.27	119626.13
419+00	41900.00	50.00	164.27	0.00	307.61	0.00	140147.05	20211.27	119933.74
419+50	41950.00	50.00	164.47	0.00	304.39	0.00	140451.44	20211.27	120238.13
420+00	42000.00	50.00	170.41	0.00	310.07	0.00	140761.51	20211.27	120548.21
420+50	42050.00	50.00	177.82	0.00	322.44	0.00	141083.95	20211.27	120870.64
421+00	42100.00	50.00	184.87	0.00	335.82	0.00	141419.77	20211.27	121206.46
421+50	42150.00	50.00	137.68	0.00	298.66	0.00	141718.43	20211.27	121505.12
422+00	42200.00	50.00	138.12	0.00	255.37	0.00	141973.80	20211.27	121760.49
422+50	42250.00	50.00	147.43	0.00	264.40	0.00	142238.20	20211.27	122024.89
423+00	42300.00	50.00	152.69	0.00	277.89	0.00	142516.09	20211.27	122302.78
423+50	42350.00	50.00	153.52	0.00	283.53	0.00	142799.61	20211.27	122586.31
424+00	42400.00	50.00	155.71	0.00	286.32	0.00	143085.94	20211.27	122872.63
424+50	42450.00	50.00	156.08	0.00	288.69	0.00	143374.63	20211.27	123161.33
425+00	42500.00	50.00	156.76	0.00	289.67	0.00	143664.30	20211.27	123450.99
425+50	42550.00	50.00	155.66	0.00	289.28	0.00	143953.58	20211.27	123740.27
426+00	42600.00	50.00	223.54	12.80	351.11	11.85	144304.69	20223.12	124079.53
426+50	42650.00	50.00	219.25	13.16	409.99	24.04	144714.68	20247.16	124465.48
427+00	42700.00	50.00	144.88	18.37	337.16	29.19	145051.84	20276.35	124773.45
427+22	42722.02	22.02	144.02	21.15	117.81	16.12	145169.64	20292.47	124875.14
427+50	42750.00	27.98	145.87	25.98	150.21	26.92	145319.85	20319.39	124998.42

Addendum No. 01  
ID 1030-20-84  
Revised Sheet 1148  
July 3, 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	
428+00	42800.00	50.00	148.46	28.26	272.53	50.22	145592.38	20369.61	125220.73
428+12	42812.02	12.02	148.15	26.59	66.02	12.21	145658.40	20381.82	125274.54
428+37	42837.00	24.98	148.11	25.77	137.05	24.22	145795.45	20406.04	125387.37
428+50	42850.00	13.00	148.18	24.82	71.33	12.18	145866.78	20418.22	125446.52
428+62	42861.98	11.98	148.72	23.87	65.87	10.80	145932.64	20429.02	125501.58
429+00	42900.00	38.02	150.43	21.74	210.62	32.11	146143.27	20461.14	125680.09
429+50	42950.00	50.00	156.19	18.62	283.91	37.37	146427.18	20498.51	125926.63
430+00	43000.00	50.00	164.90	9.54	297.31	26.07	146724.48	20524.58	126197.86
430+50	43050.00	50.00	210.19	7.50	347.31	15.78	147071.79	20540.36	126529.39
431+00	43100.00	50.00	225.32	11.42	403.25	17.52	147475.04	20557.88	126915.12
431+50	43150.00	50.00	208.15	12.60	401.36	22.24	147876.40	20580.12	127294.24
432+00	43200.00	50.00	179.36	5.73	358.81	16.97	148235.20	20597.09	127636.08
432+50	43250.00	50.00	186.73	0.32	338.97	5.60	148574.18	20602.69	127969.45
433+00	43300.00	50.00	186.09	0.54	345.20	0.80	148919.38	20603.49	128313.85
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	149156.67	20608.51	178.61
434+00	43400.00	50.00	27.86	3.73	37.12	9.98	149193.79	20618.49	205.75
434+50	43450.00	50.00	45.22	4.56	67.67	7.68	149261.46	20626.16	265.74
435+00	43500.00	50.00	22.68	1.53	62.87	5.64	149324.33	20631.80	322.97
435+50	43550.00	50.00	17.92	1.38	37.59	2.69	149361.92	20634.50	357.87
436+00 BK	43600.00	50.00	27.83	0.00	42.36	1.28	149404.28	20635.78	398.95

COLUMN TOTALS

163605.42

22949.49

Addendum No. 01  
ID 1030-20-84  
Revised Sheet 1149  
July 3, 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	0.34	75.06	0.34	74.72	74.72
261RYA+50	26150.00	50.00	191.95	1.93	364.86	439.92	3.13	436.79	436.79
262RYA+00	26200.00	50.00	149.68	2.81	316.32	756.24	7.51	748.73	748.73
262RYA+50	26250.00	50.00	138.01	4.38	266.38	1022.62	14.17	1008.45	1008.45
263RYA+00	26300.00	50.00	130.99	4.04	249.07	1271.70	21.97	1249.73	1249.73
263RYA+50	26350.00	50.00	111.69	7.11	224.70	1496.40	32.29	1464.11	1464.11
264RYA+00	26400.00	50.00	86.80	20.60	183.79	1680.19	57.95	1622.24	1622.24
264RYA+50	26450.00	50.00	66.40	29.60	141.85	1822.04	104.43	1717.61	1717.61
265RYA+00	26500.00	50.00	51.50	36.25	109.17	1931.21	165.40	1765.80	1765.80
265RYA+50	26550.00	50.00	55.67	47.06	99.23	2030.44	242.54	1787.90	1787.90
266RYA+00	26600.00	50.00	45.26	47.22	93.45	2123.89	329.84	1794.05	1794.05
266RYA+50	26650.00	50.00	41.90	48.63	80.70	2204.59	418.59	1786.01	1786.01
267RYA+00	26700.00	50.00	34.60	46.22	70.83	2275.43	506.41	1769.02	1769.02
267RYA+50	26750.00	50.00	38.33	46.09	67.53	2342.96	591.88	1751.07	1751.07
268RYA+00	26800.00	50.00	38.78	44.47	71.40	2414.35	675.74	1738.62	1738.62
268RYA+50	26850.00	50.00	56.79	44.02	88.49	2502.84	757.67	1745.17	1745.17
269RYA+00	26900.00	50.00	74.82	39.76	121.86	2624.71	835.25	1789.46	1789.46
269RYA+24 BK	26923.90	23.90	83.17	37.11	69.93	2694.63	869.27	1825.36	1825.36
COLUMN TOTALS					2694.63	869.27			

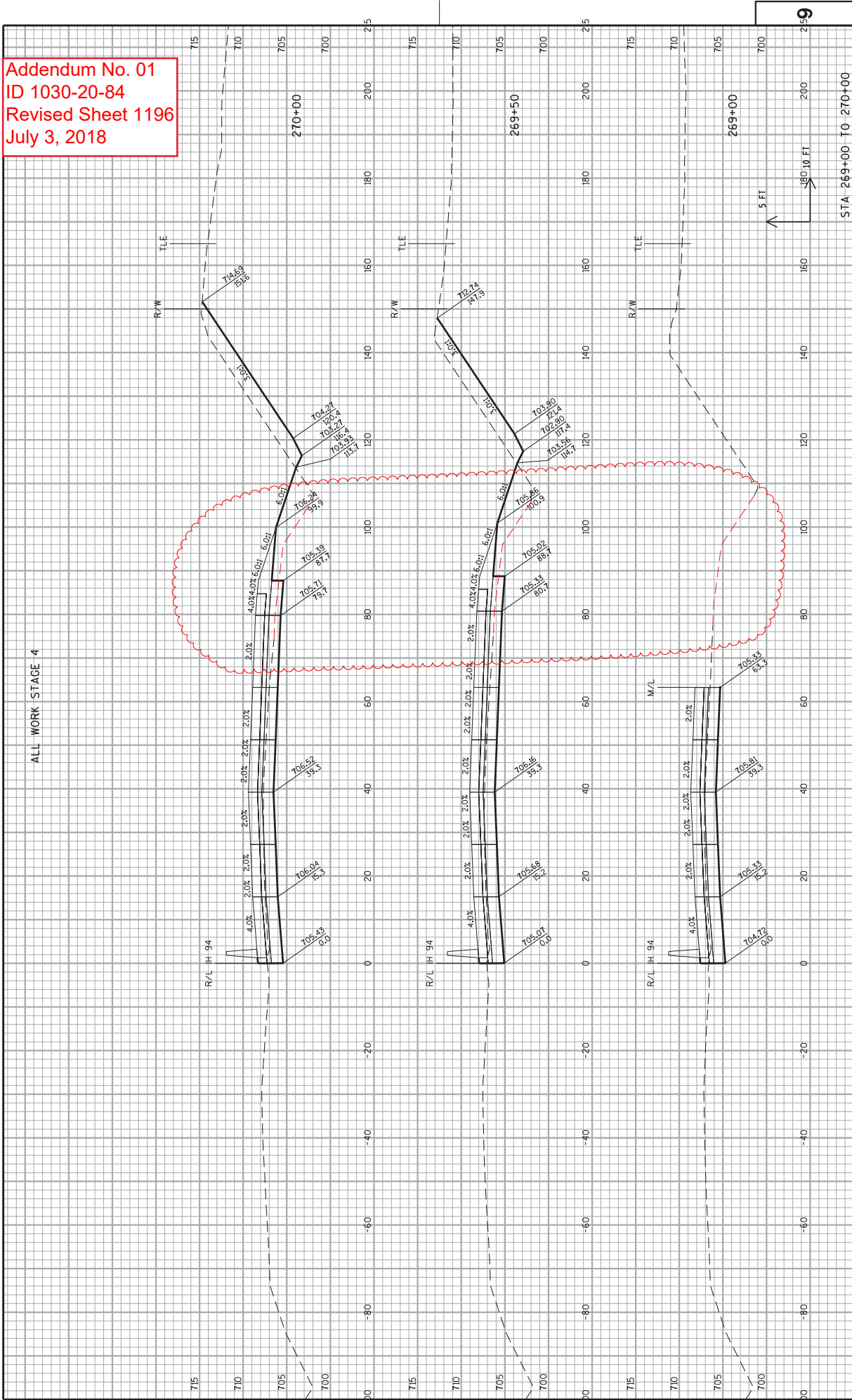
Addendum No. 01  
ID 1030-20-84  
Revised Sheet 1150  
July 3, 2018

Division 4-RAMP RYB

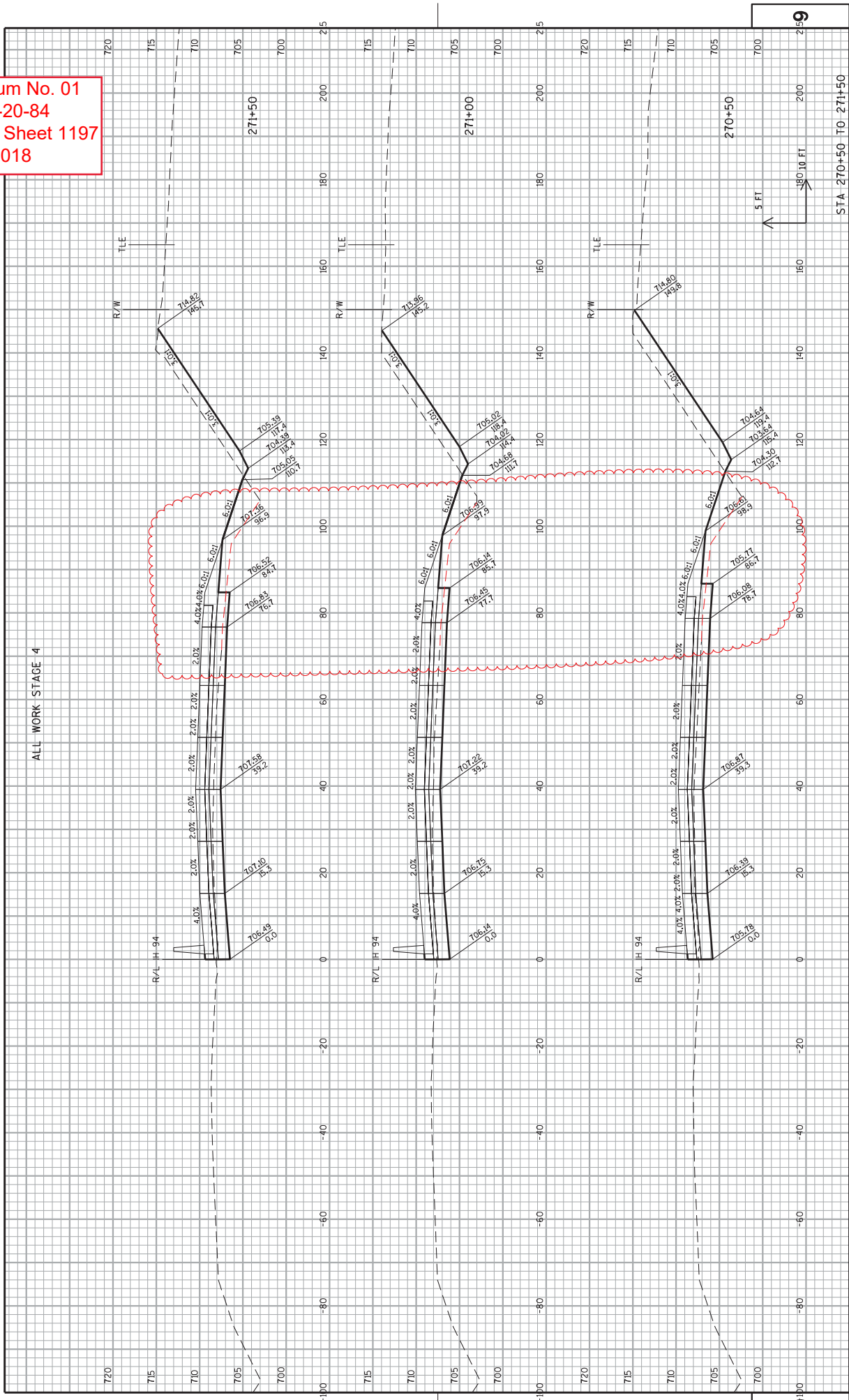
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Fill	
233RYB+80 AH	23379.63	0.00	69.26	38.05	0.00	0.00	0.00	0.00	0.00
234RYB+00	23400.00	20.37	69.37	28.38	52.29	25.06	25.06	27.24	27.24
234RYB+50	23450.00	50.00	78.65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

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1196  
 July 3, 2018

ALL WORK STAGE 4



Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1197  
 July 3, 2018

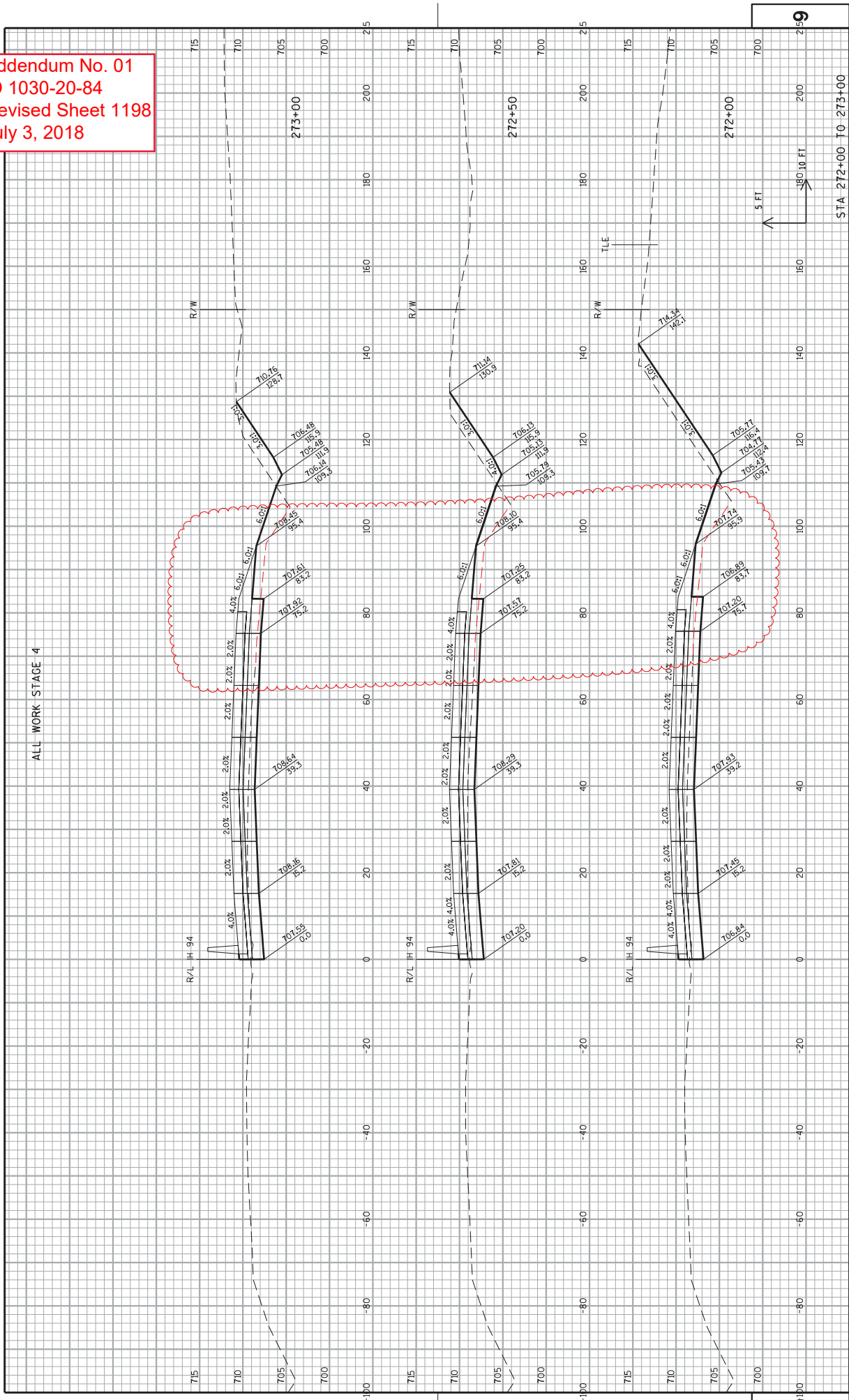


ALL WORK STAGE 4

PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB	SHEET 1197	E
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Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1198  
 July 3, 2018

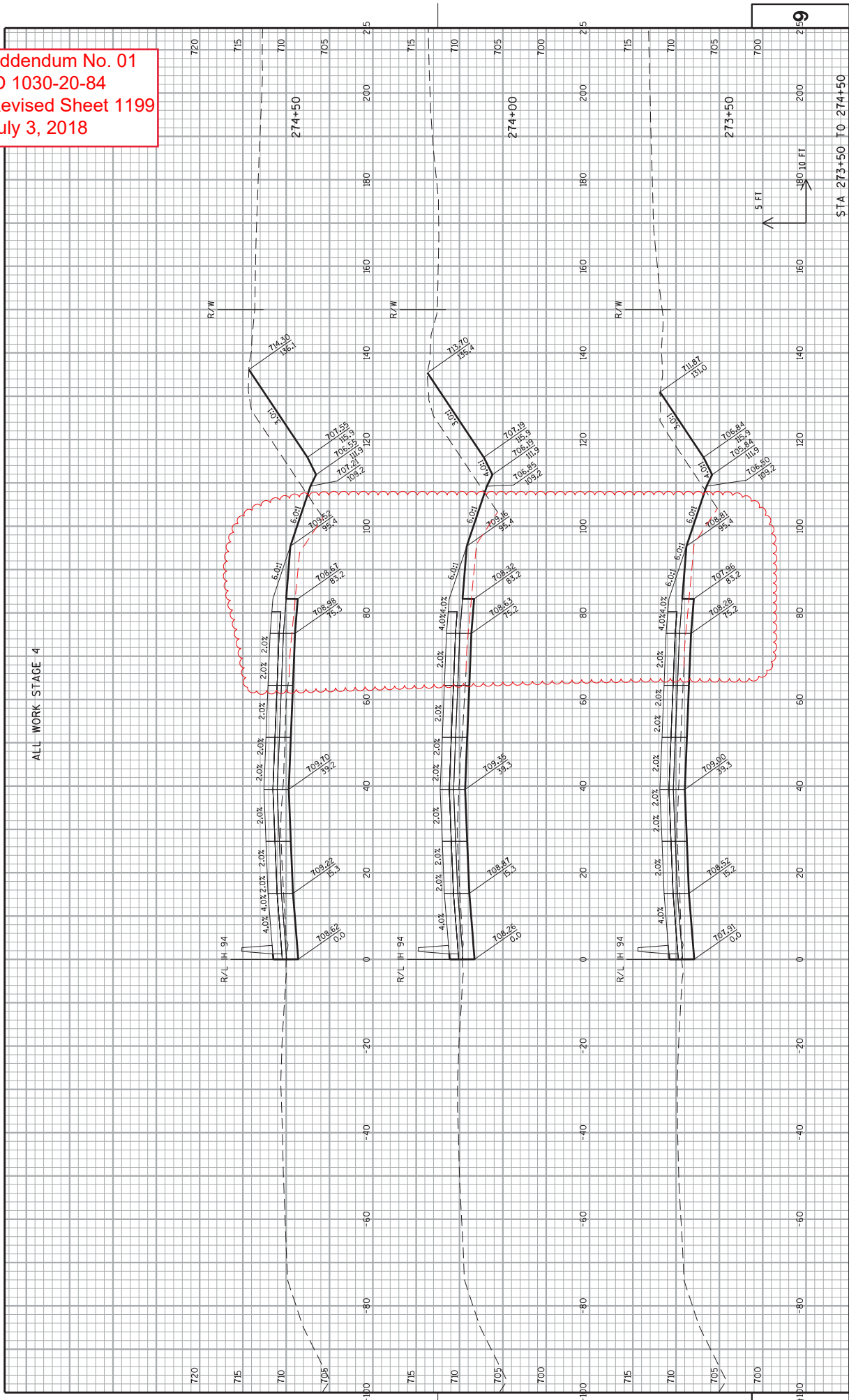
ALL WORK STAGE 4



PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB	SHEET 1198	E
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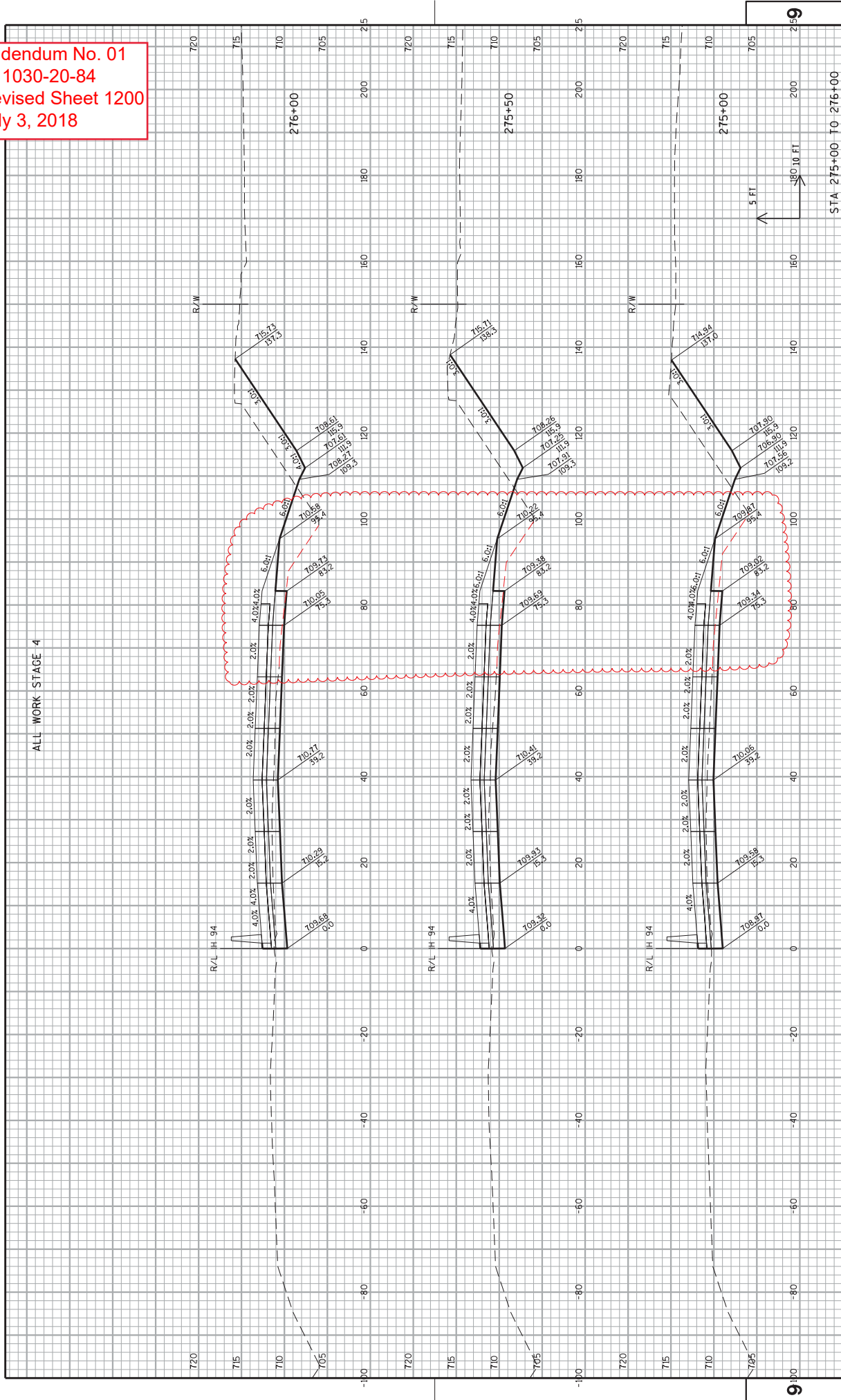
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1199  
 July 3, 2018

ALL WORK STAGE 4



Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1200  
 July 3, 2018

ALL WORK STAGE 4

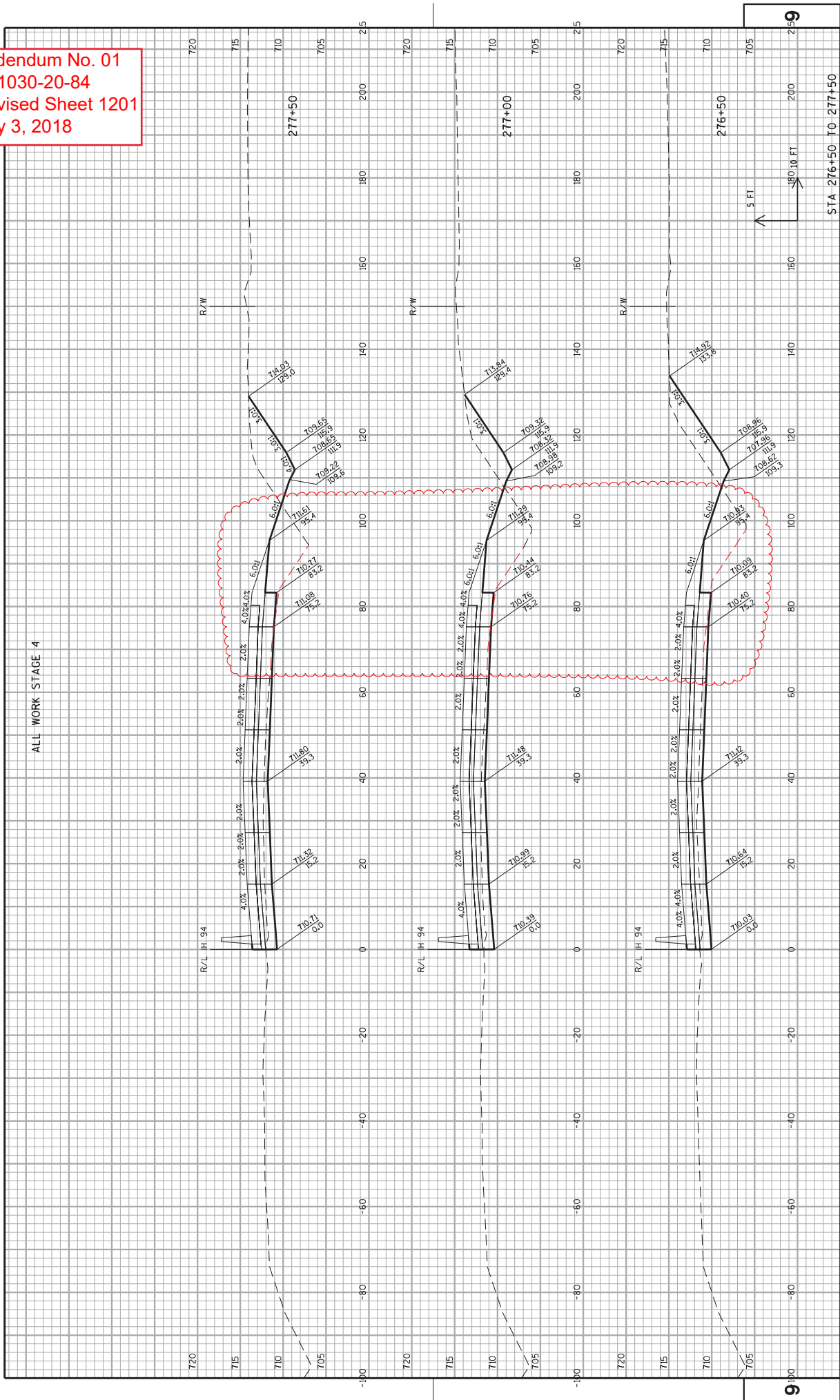


PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1200  
 E

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 PLOT SCALE : 20:1  
 WISDOT/CADDIS SHEET 21

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1201  
 July 3, 2018

ALL WORK STAGE 4

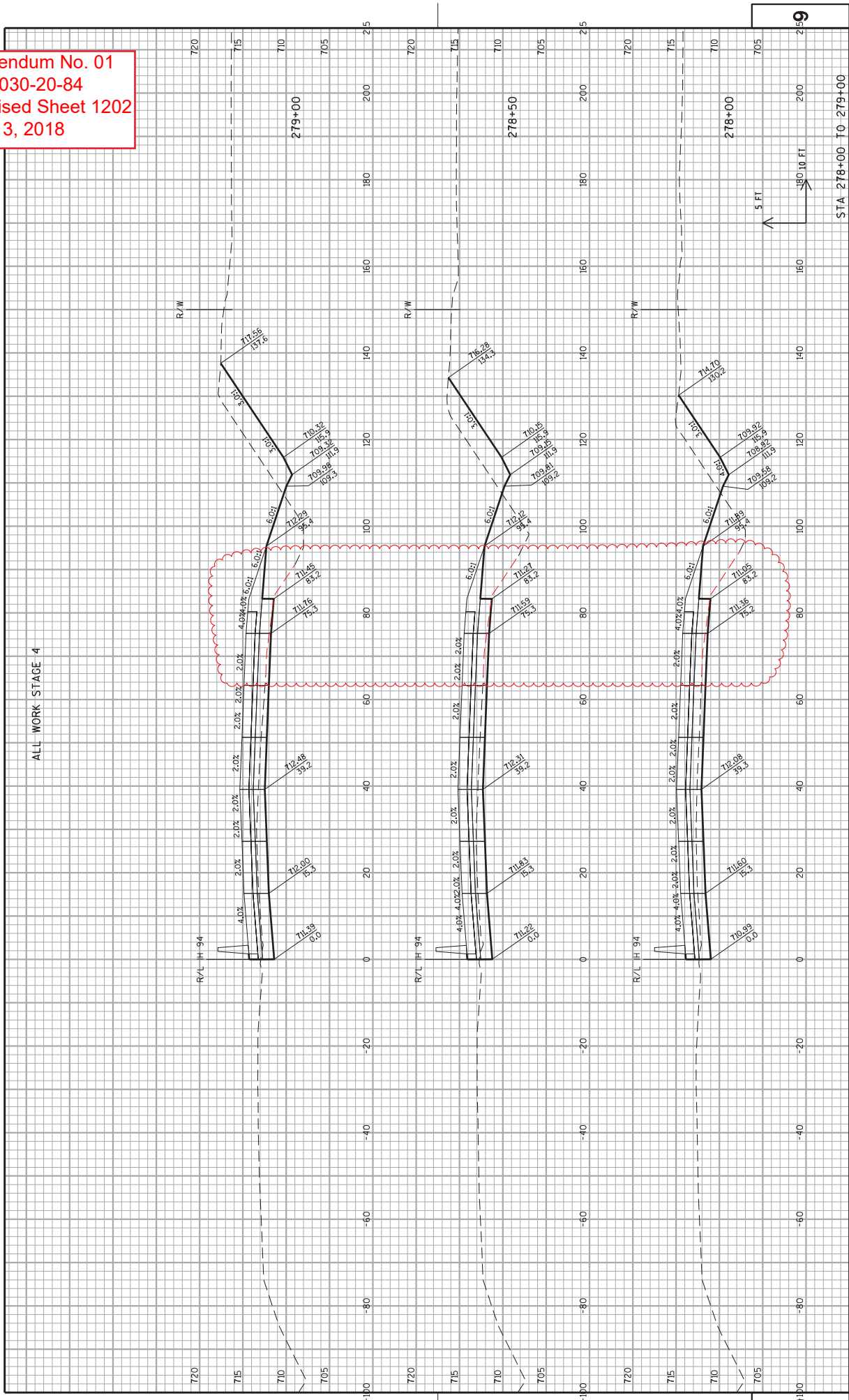


PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1201  
 E



Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1202  
 July 3, 2018

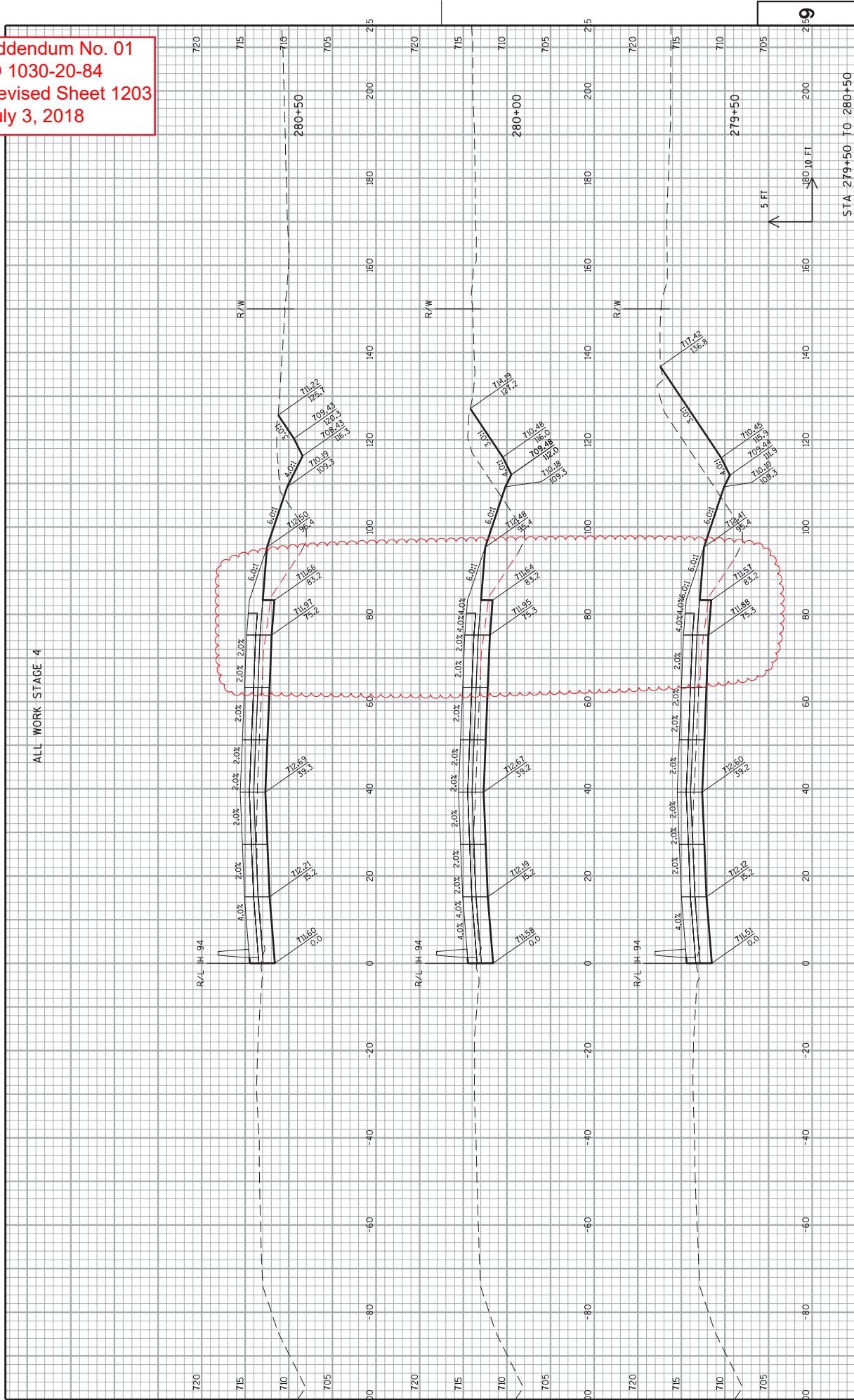
ALL WORK STAGE 4



PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1202  
 STA 278+00 TO 279+00

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1203  
 July 3, 2018

ALL WORK STAGE 4

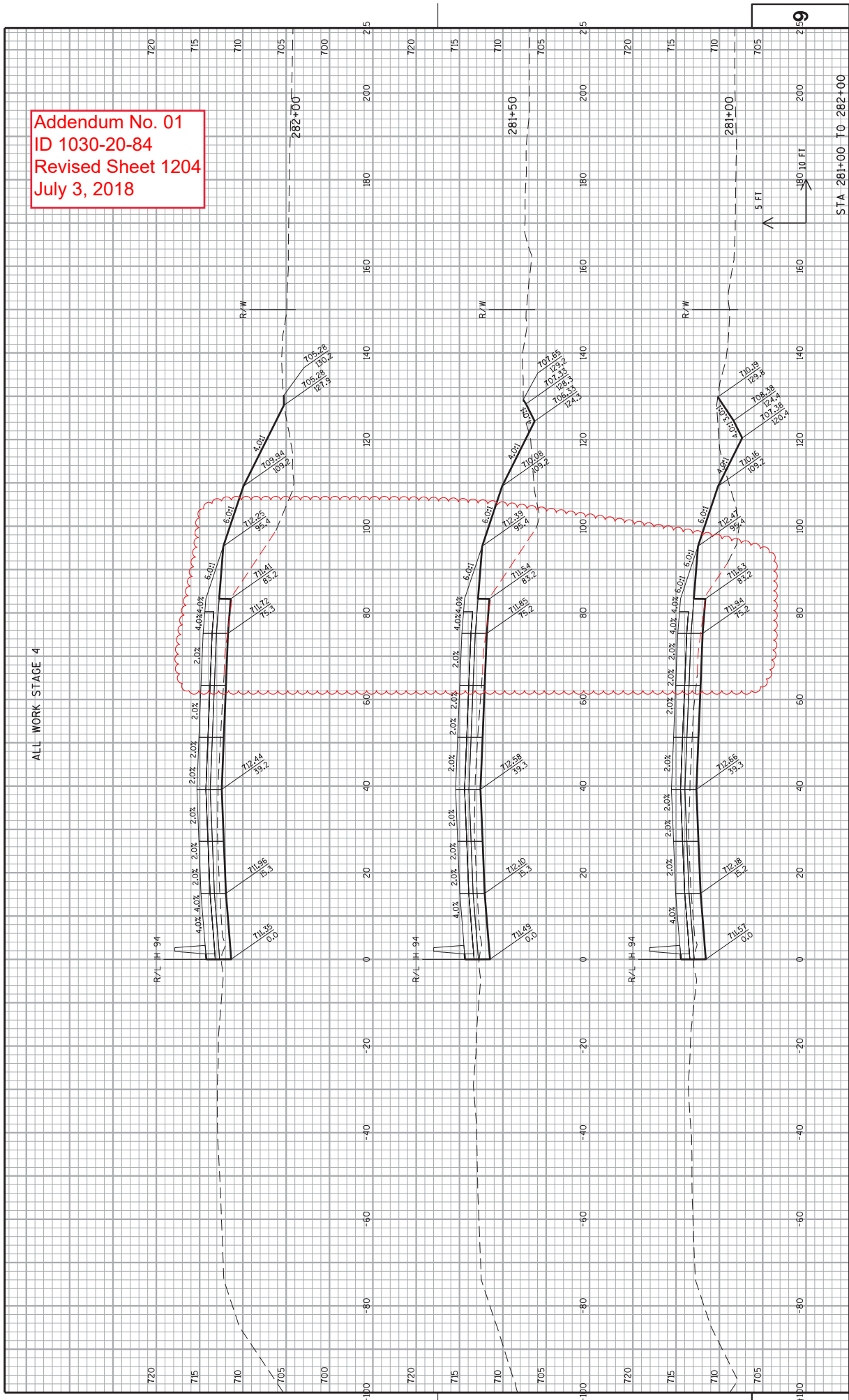


PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1203  
 E

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 WSDOT/CADDIS SHEET 21

Addendum No. 01  
ID 1030-20-84  
Revised Sheet 1204  
July 3, 2018

ALL WORK STAGE 4

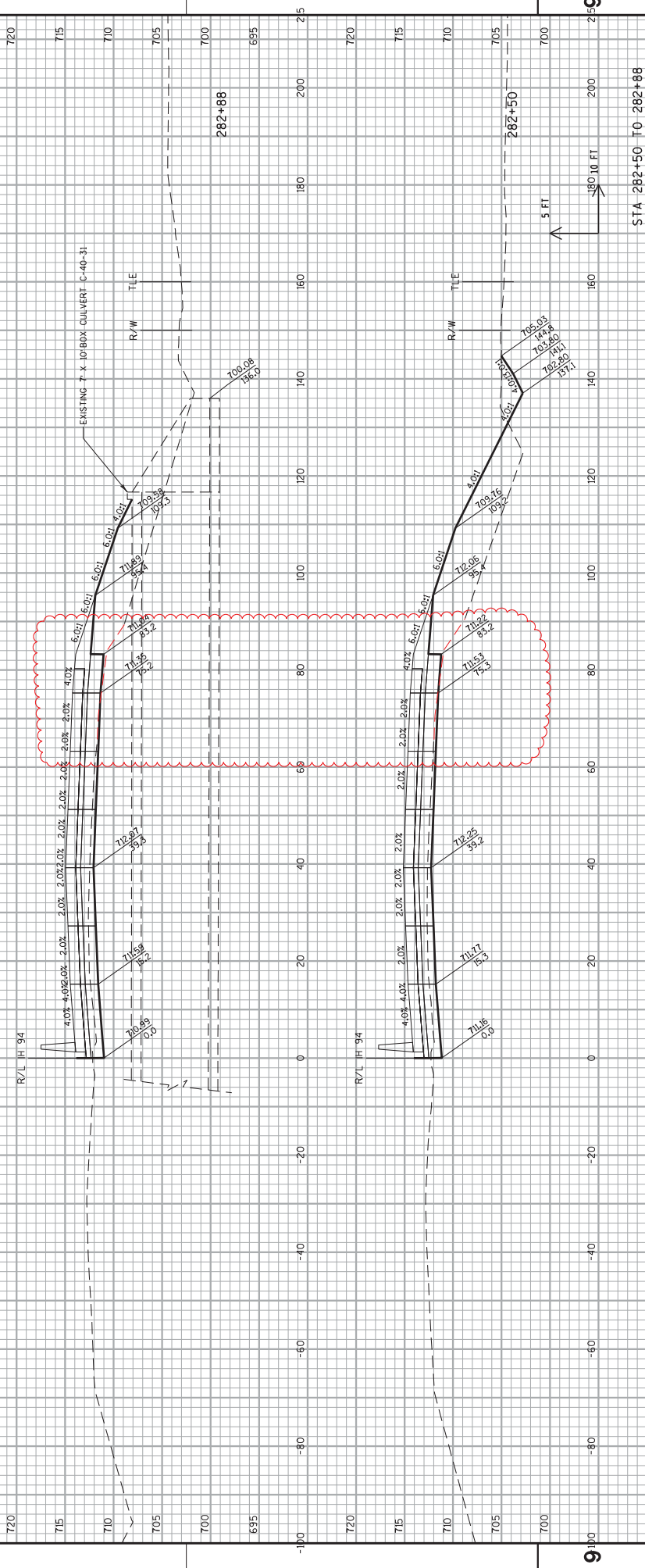


PROJECT NO: 1030-20-84  
COUNTY: MILWAUKEE  
CROSS SECTIONS: IH 94 NB  
SHEET 1204  
E

FILE NAME : S:\P\InDesign\10302084\_SMRoads\Cross\10302011\_xs\_94.dgn  
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PLOT SCALE : 20:1  
WISDOT/CADDIS SHEET 21

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1205  
 July 3, 2018

ALL WORK STAGE 4

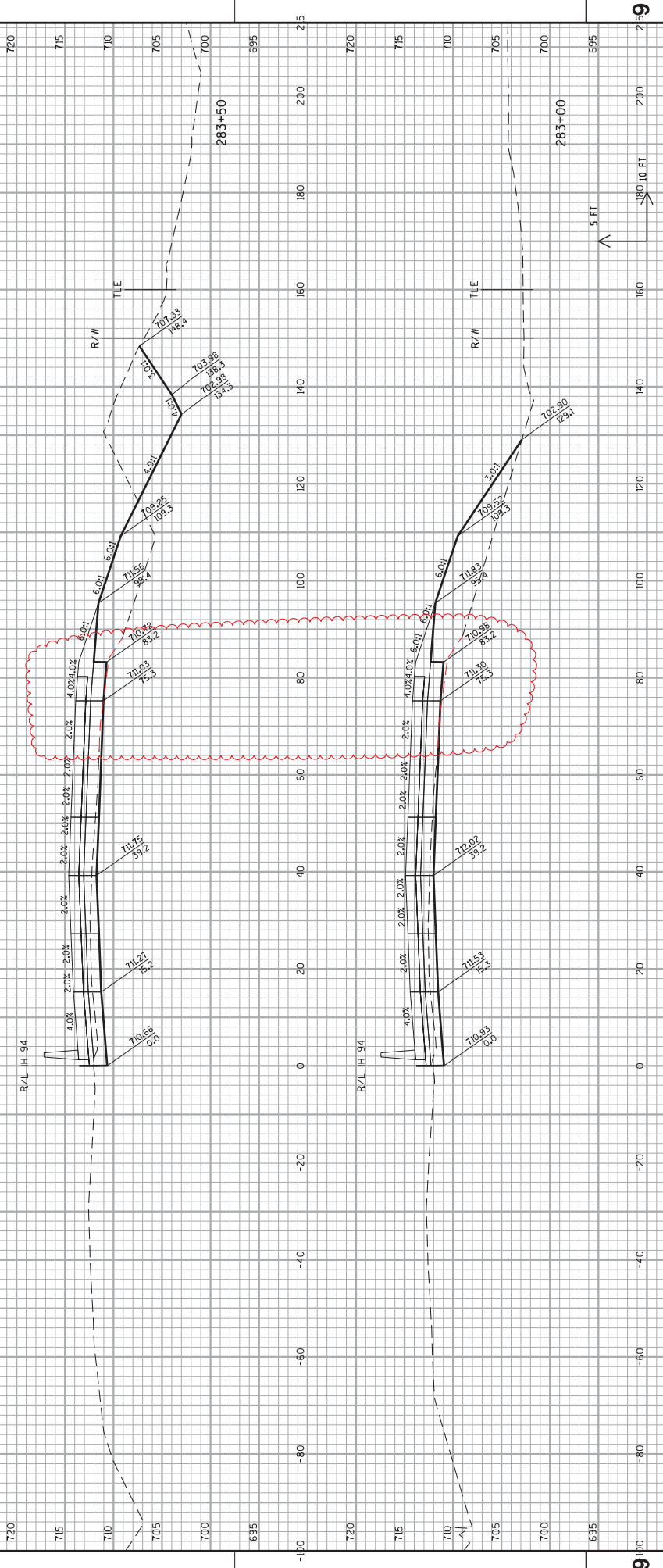


PROJECT NO: 1030-20-84      COUNTY: MILWAUKEE      CROSS SECTIONS: IH 94 NB      SHEET 1205      E

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Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1206  
 July 3, 2018

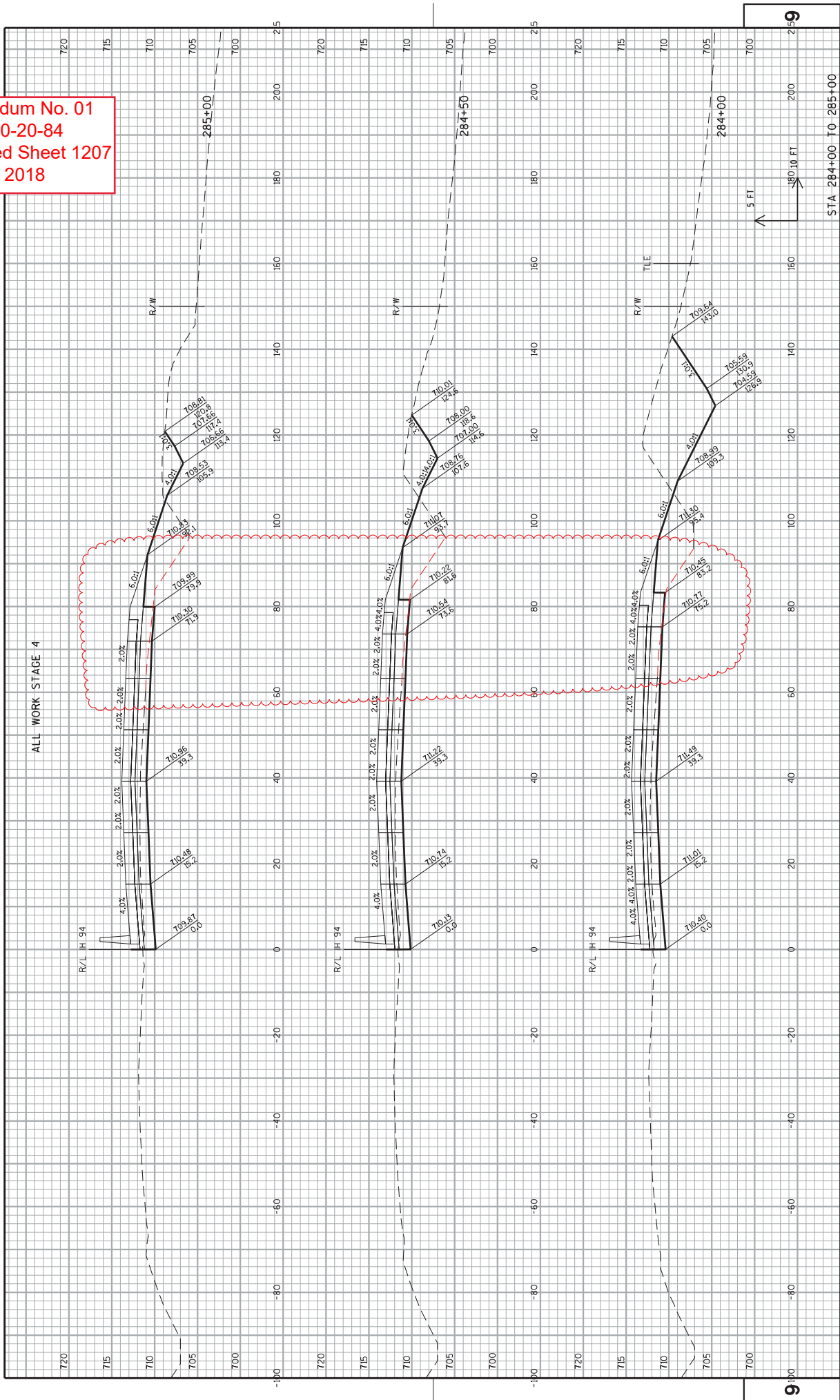
ALL WORK STAGE 4



PROJECT NO: 1030-20-84      COUNTY: MILWAUKEE      CROSS SECTIONS: IH 94 NB      SHEET 1206      E  
 HWY: IH 94  
 STA 283+00 TO 283+50

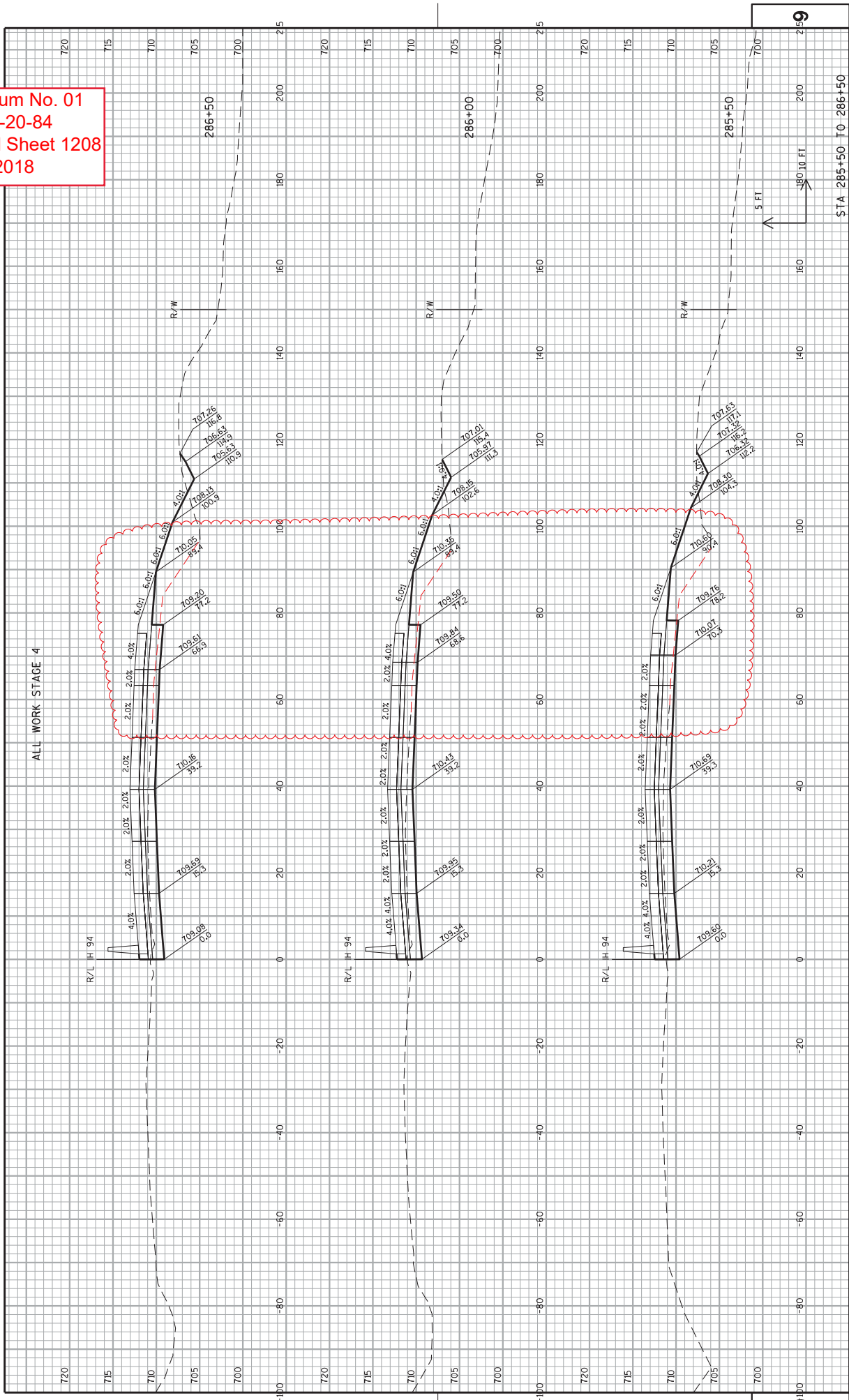
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Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1207  
 July 3, 2018



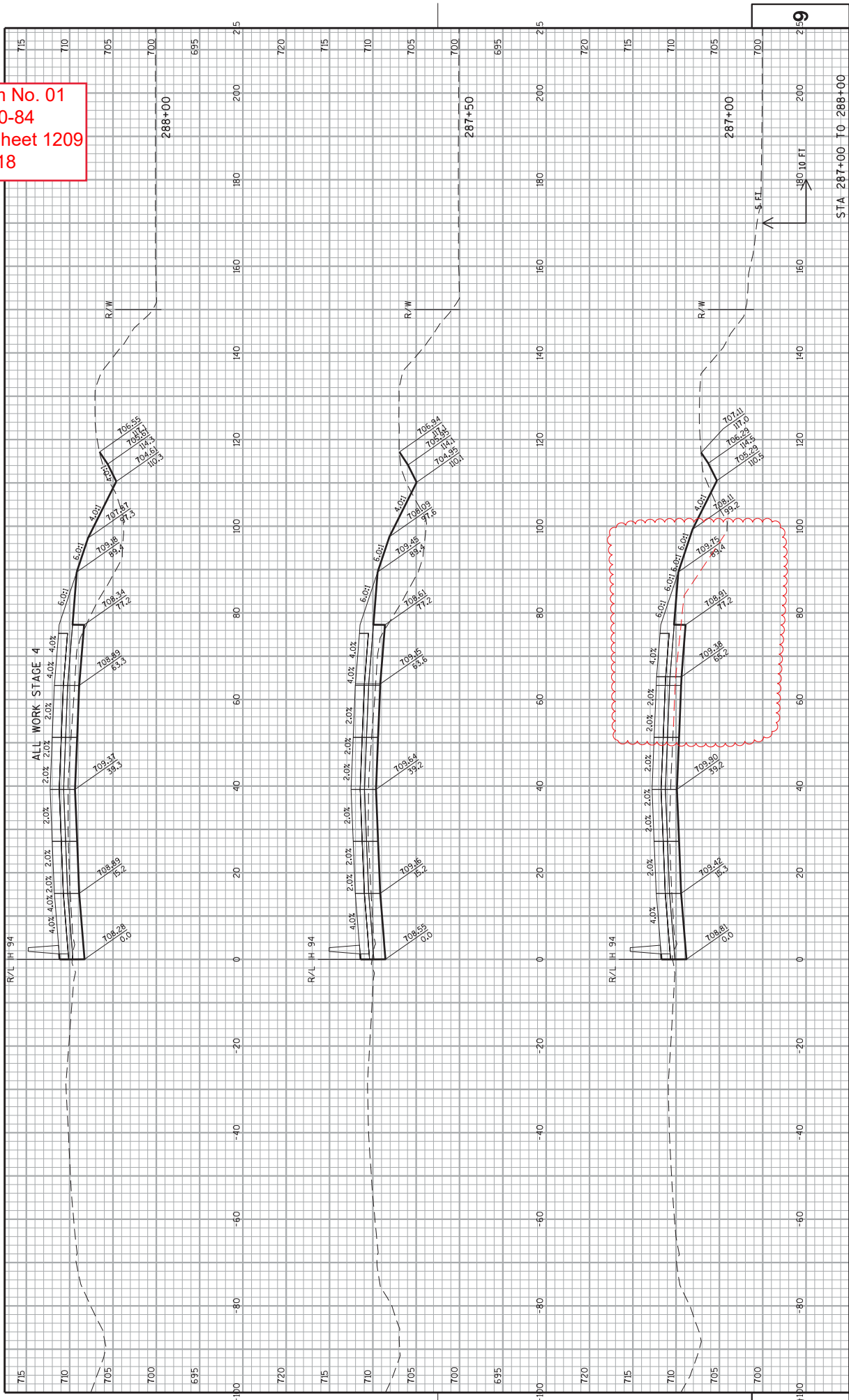
PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB	SHEET 1207	E
FILE NAME : S:\A\FinalDesign\MIL\10302084_SMARoads\Cross\030201...s.94.dgn PLOT DATE : 29-JUN-2018 10:51 PLOT BY : mesozzi PLOT NAME : 030201...s.9447 PLOT SCALE : 20:1 WISDOT/CADDIS SHEET 21				

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1208  
 July 3, 2018



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

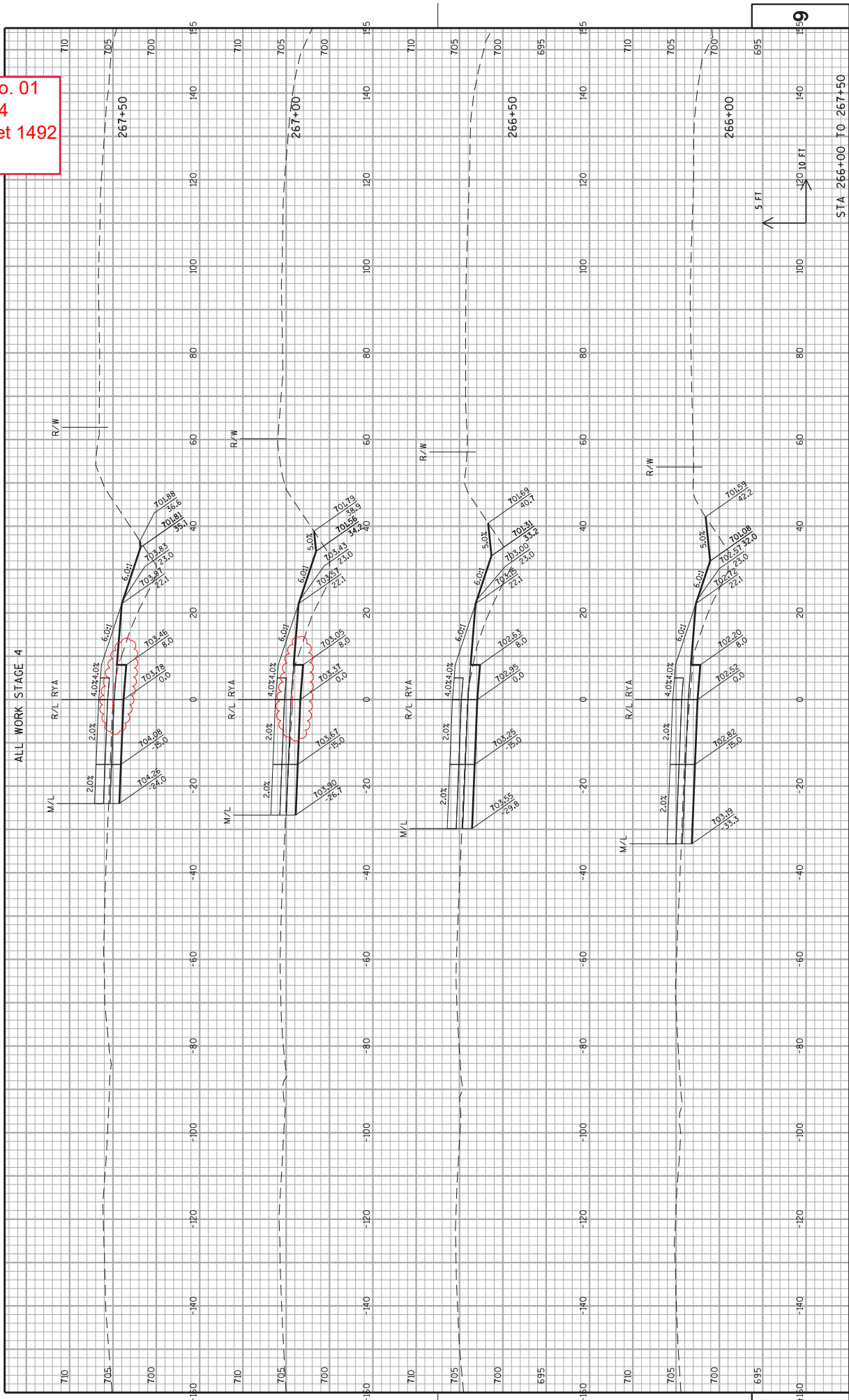
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1209  
 July 3, 2018



PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1209  
 E

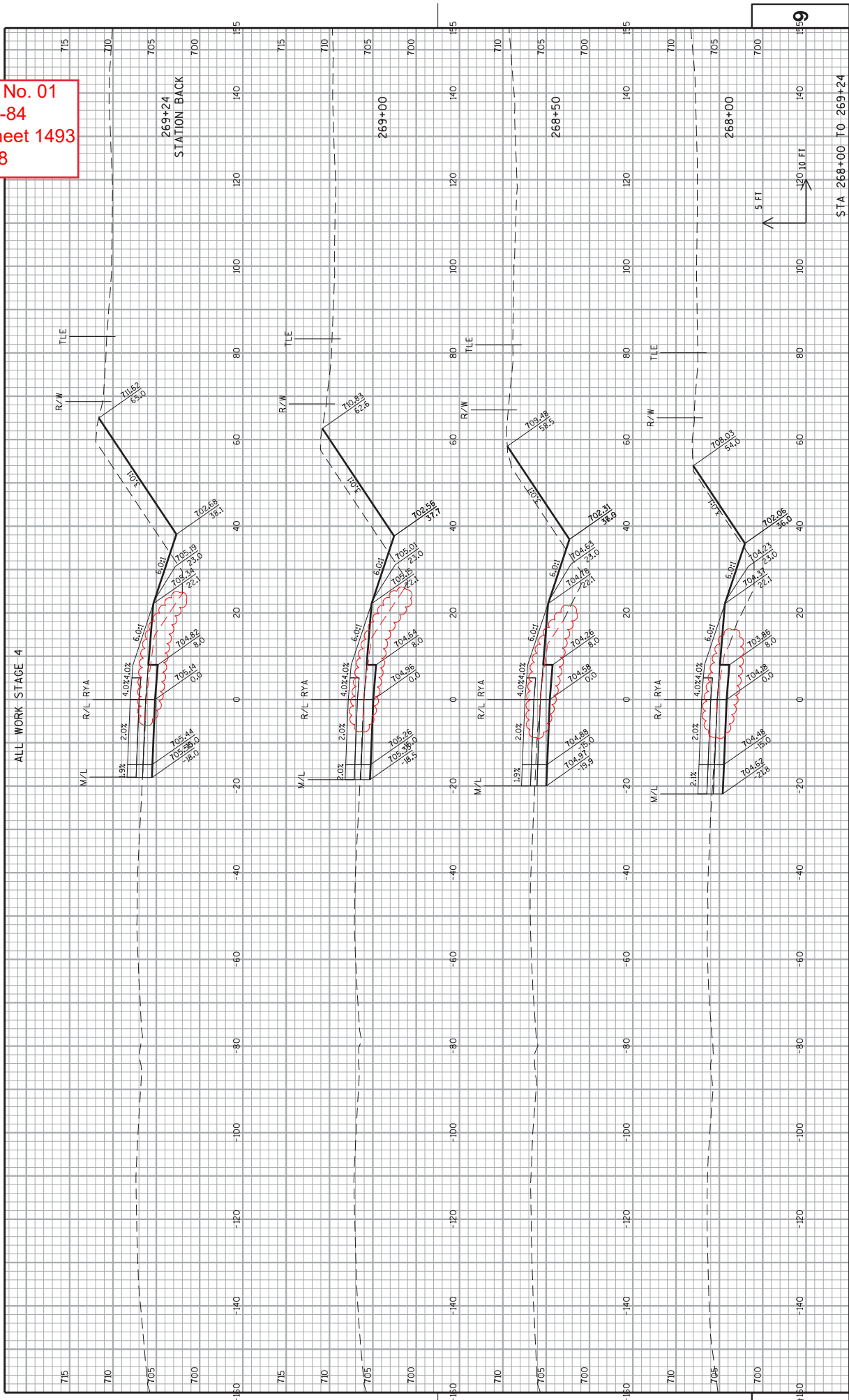


Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1492  
 July 3, 2018



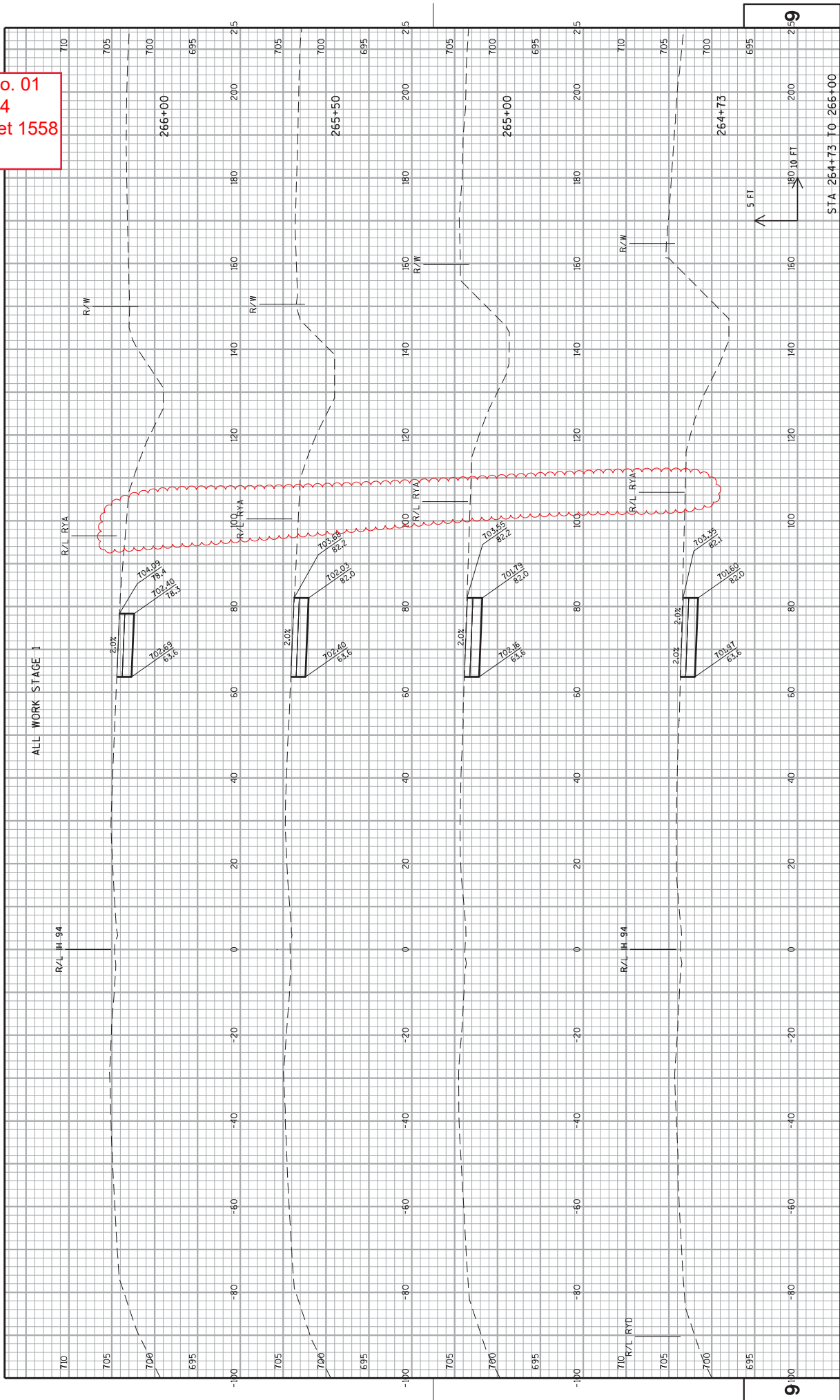
PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP RYA	SHEET 1492	E
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Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1493  
 July 3, 2018



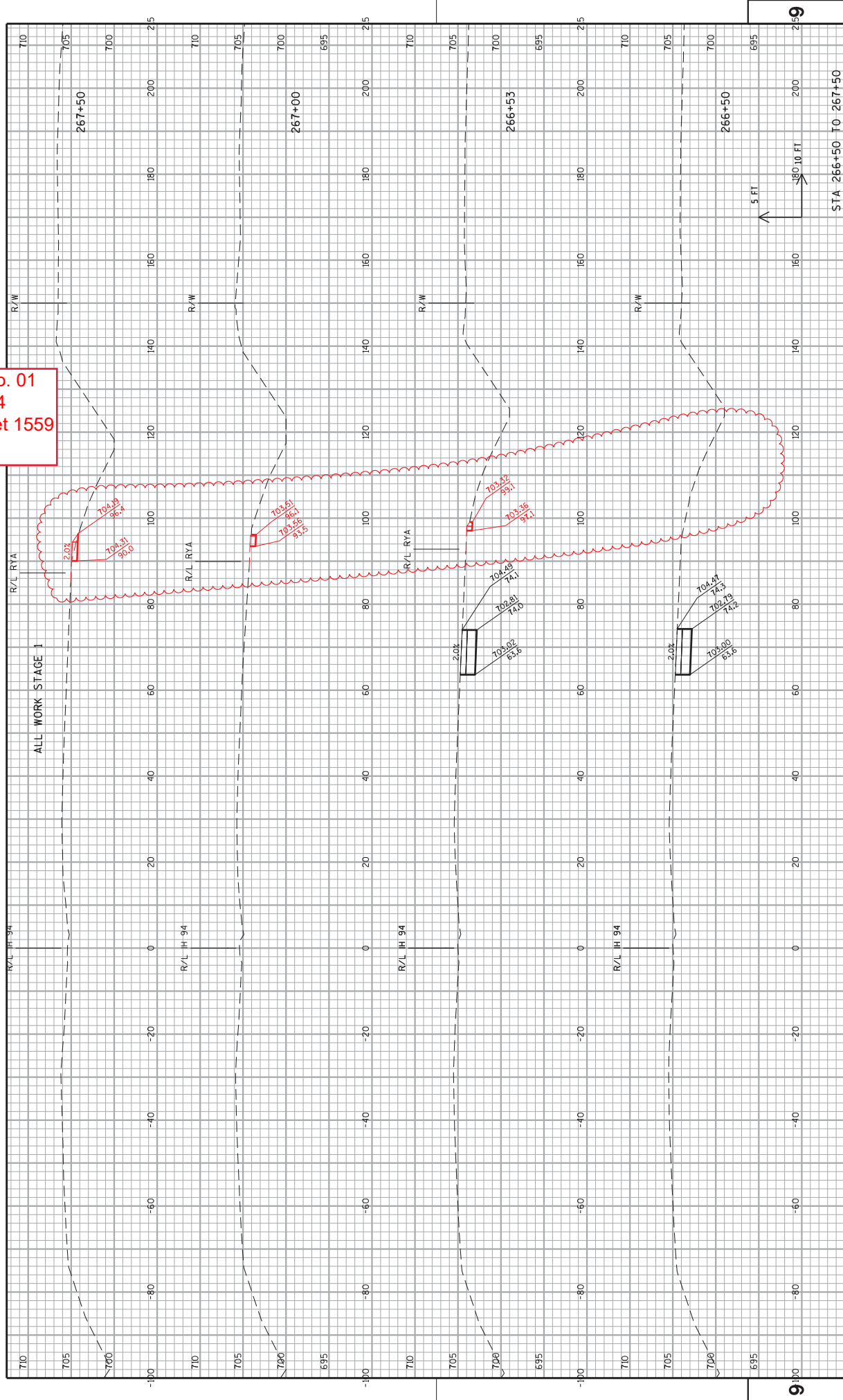
PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: RAMP RYA	SHEET 1493	E
HWY: IH 94				
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Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1558  
 July 3, 2018



PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING  
 SHEET 1558  
 HWY: IH 94  
 STA 264+73 TO 266+00

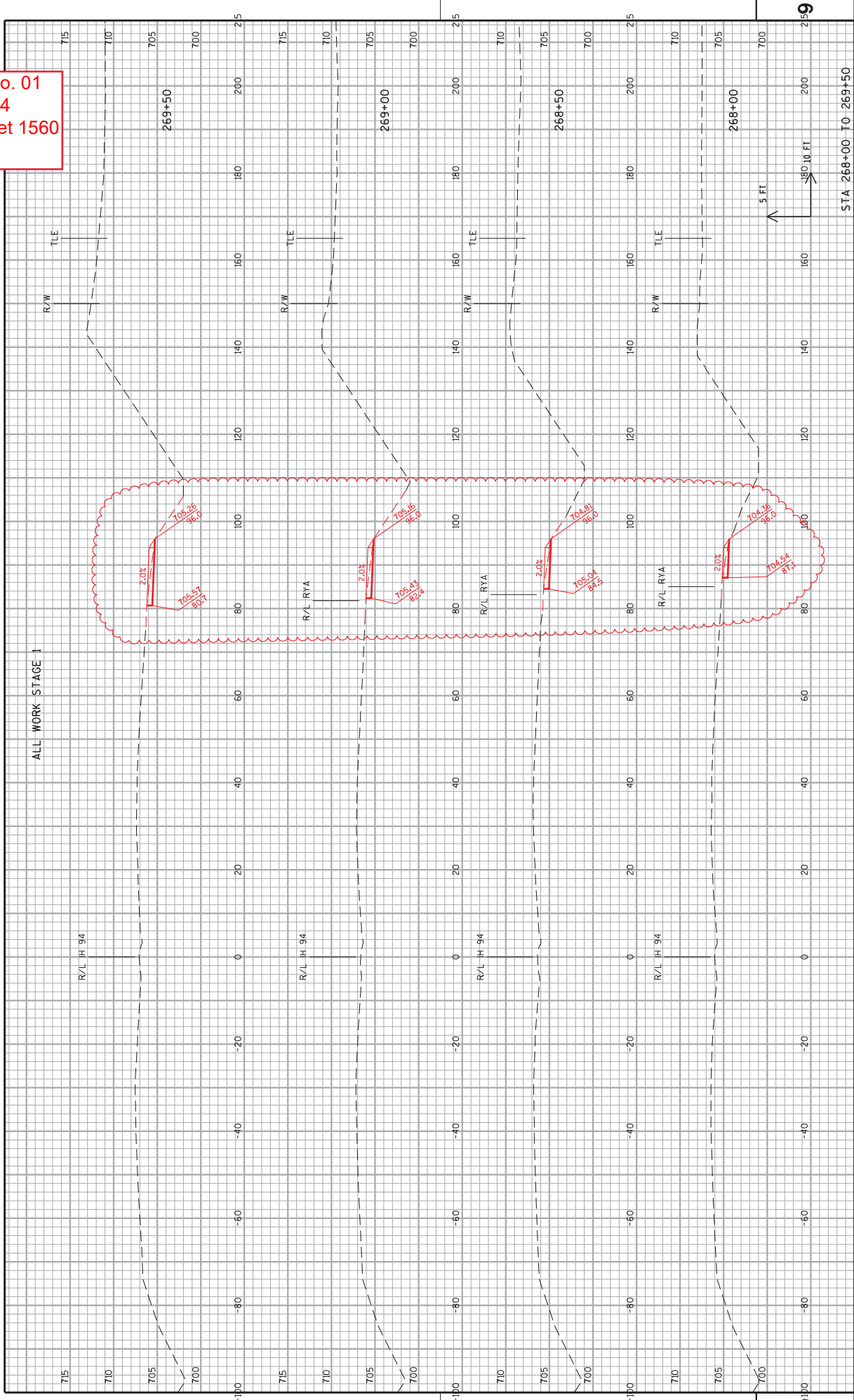
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1559  
 July 3, 2018



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY:	MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET	1559	E
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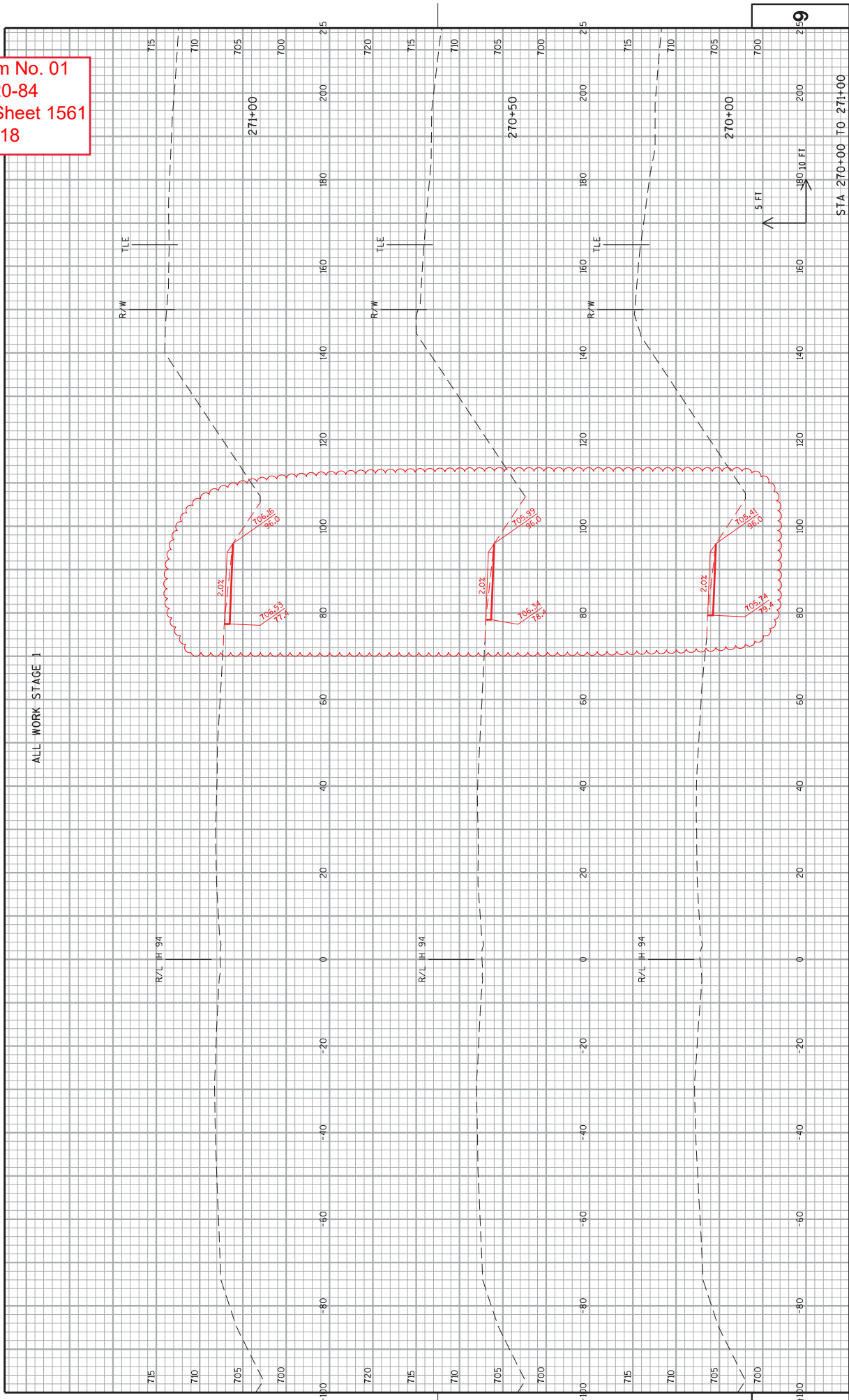
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1560  
 July 3, 2018



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

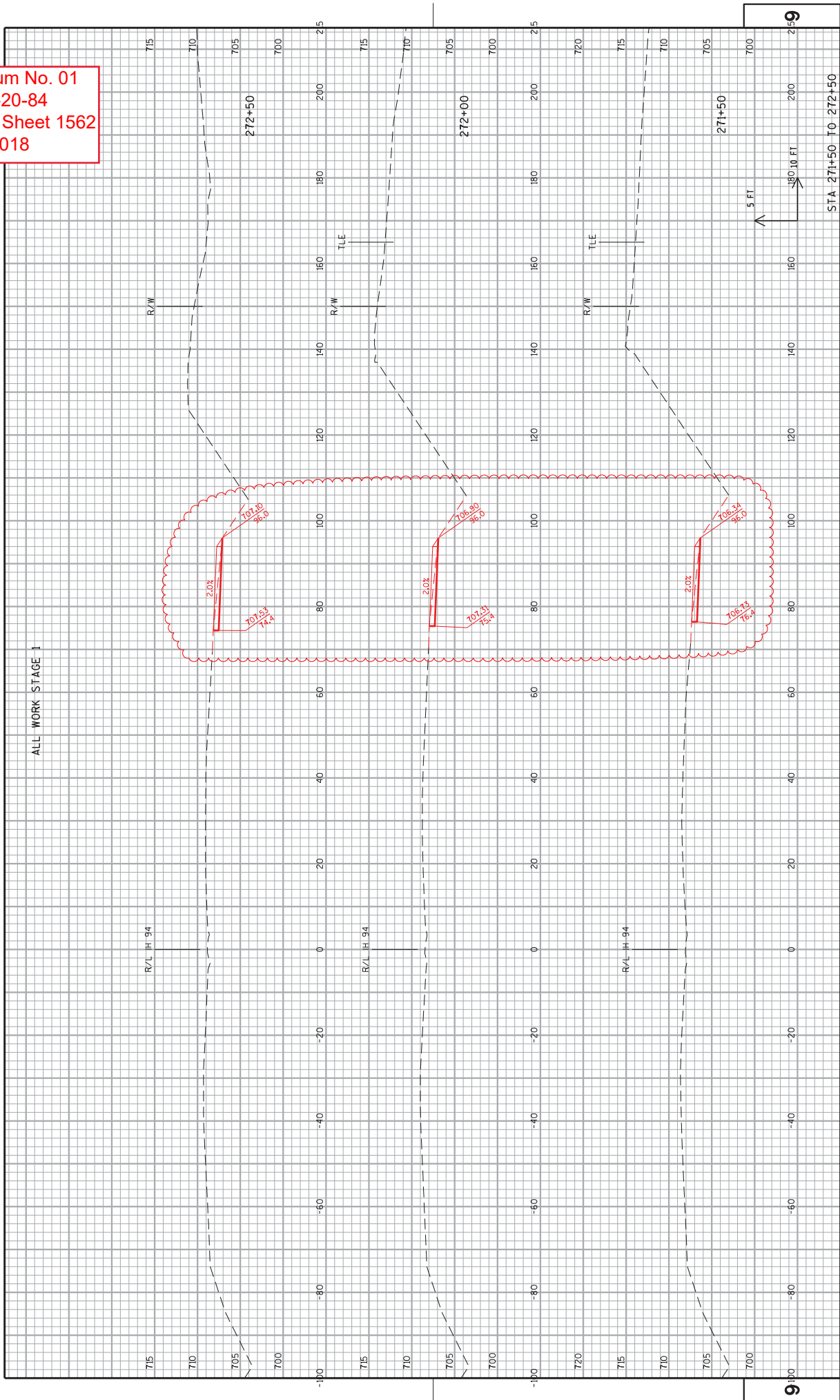
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 WSDOT/CADDS SHEET 21

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1561  
 July 3, 2018



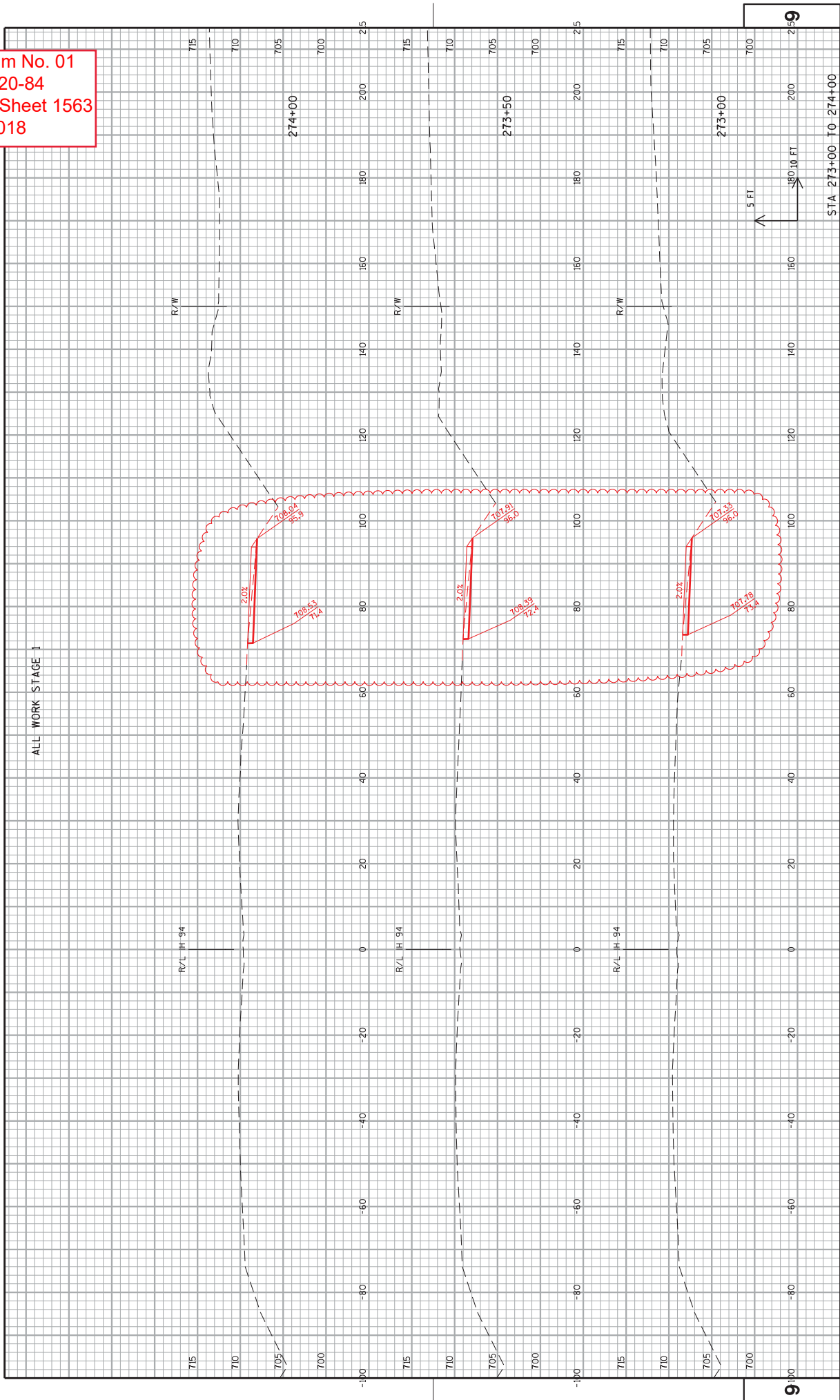
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Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1562  
 July 3, 2018



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

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1563  
 July 3, 2018

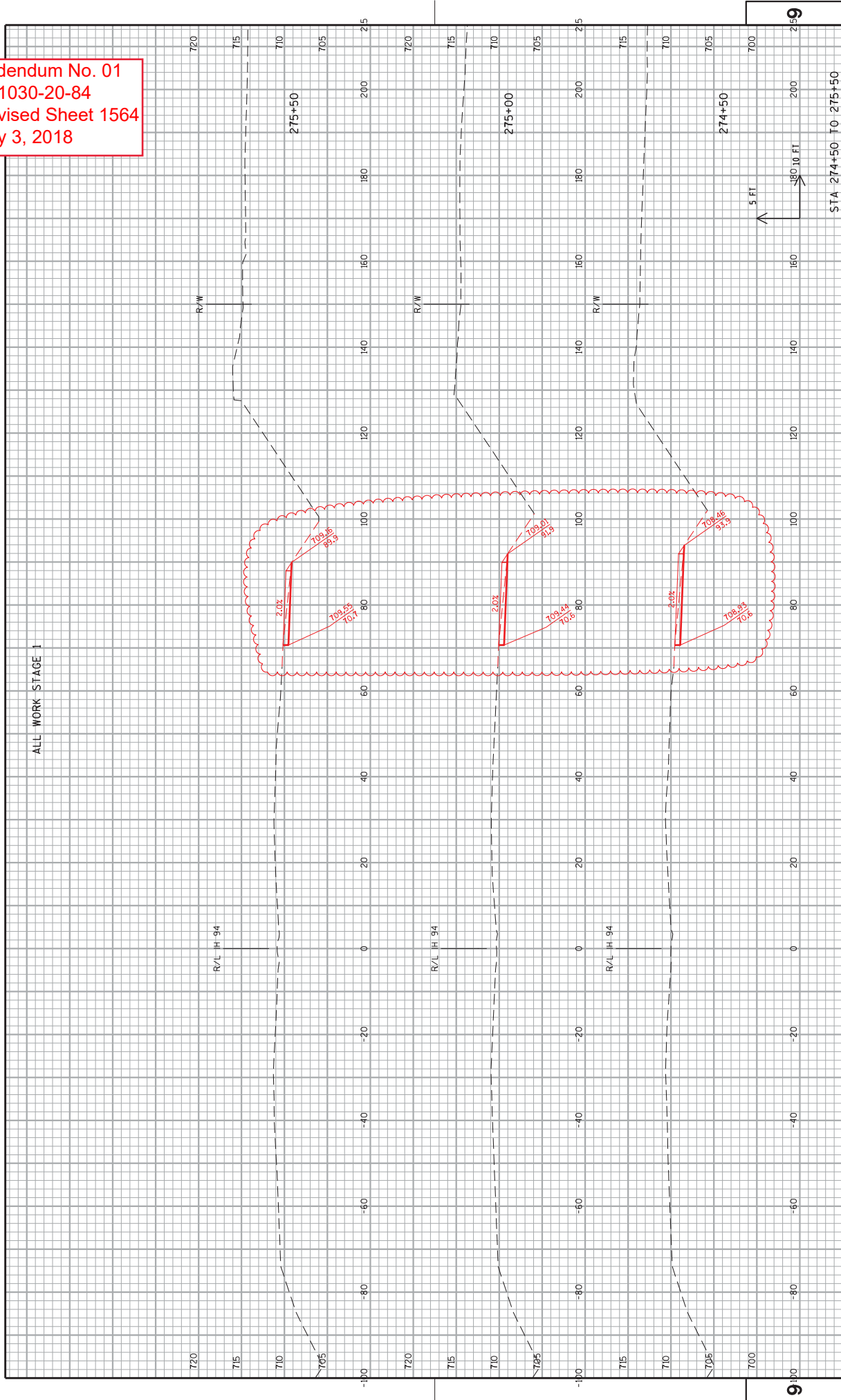


PROJECT NO: 1030-20-84  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING  
 SHEET 1563  
 HWY: IH 94  
 STA 273+00 TO 274+00



Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1564  
 July 3, 2018

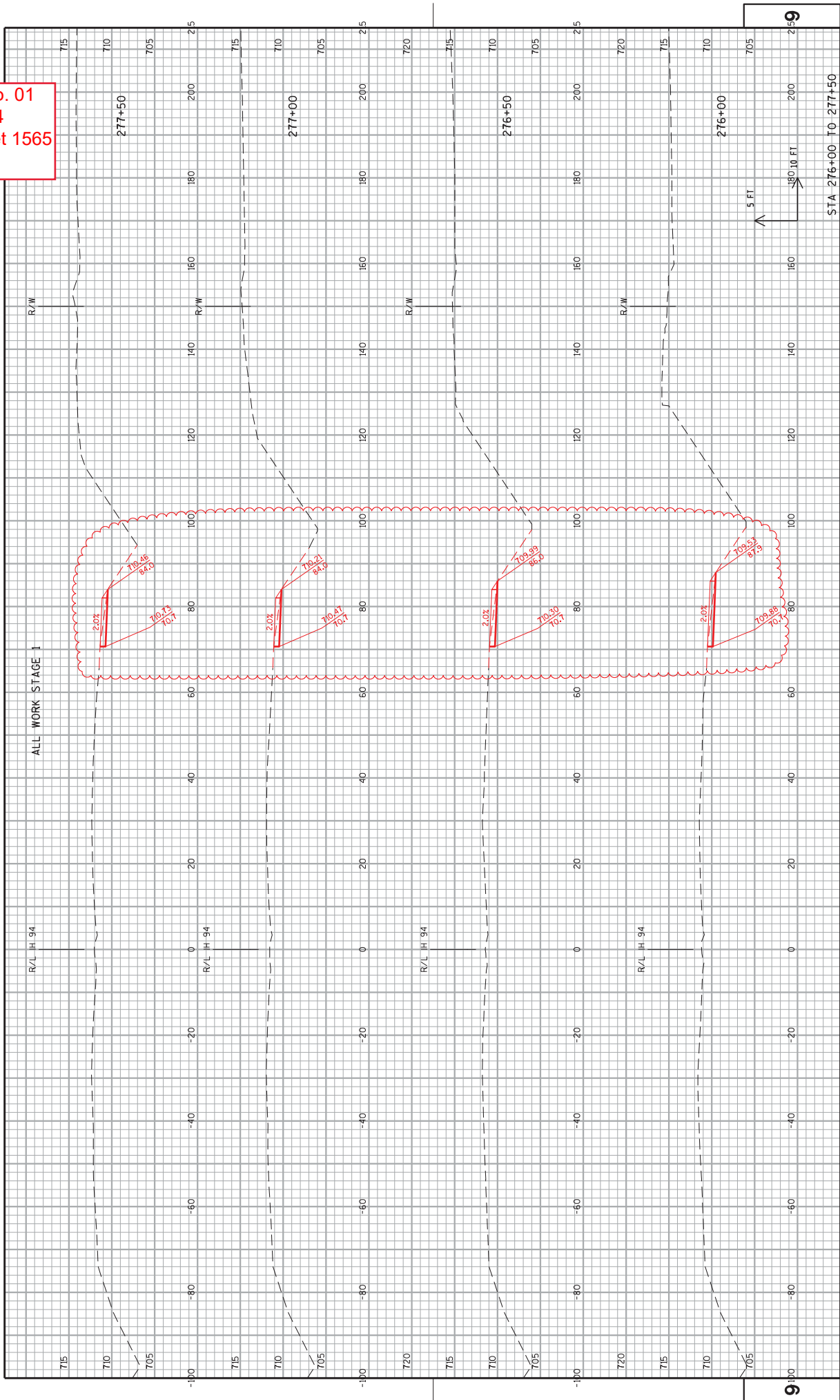
ALL WORK STAGE 1



PROJECT NO: 1030-20-84  
 HWY: IH 94  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING  
 SHEET 1564  
 STA 274+50 TO 275+50

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 WISDOT/CADDIS SHEET 21

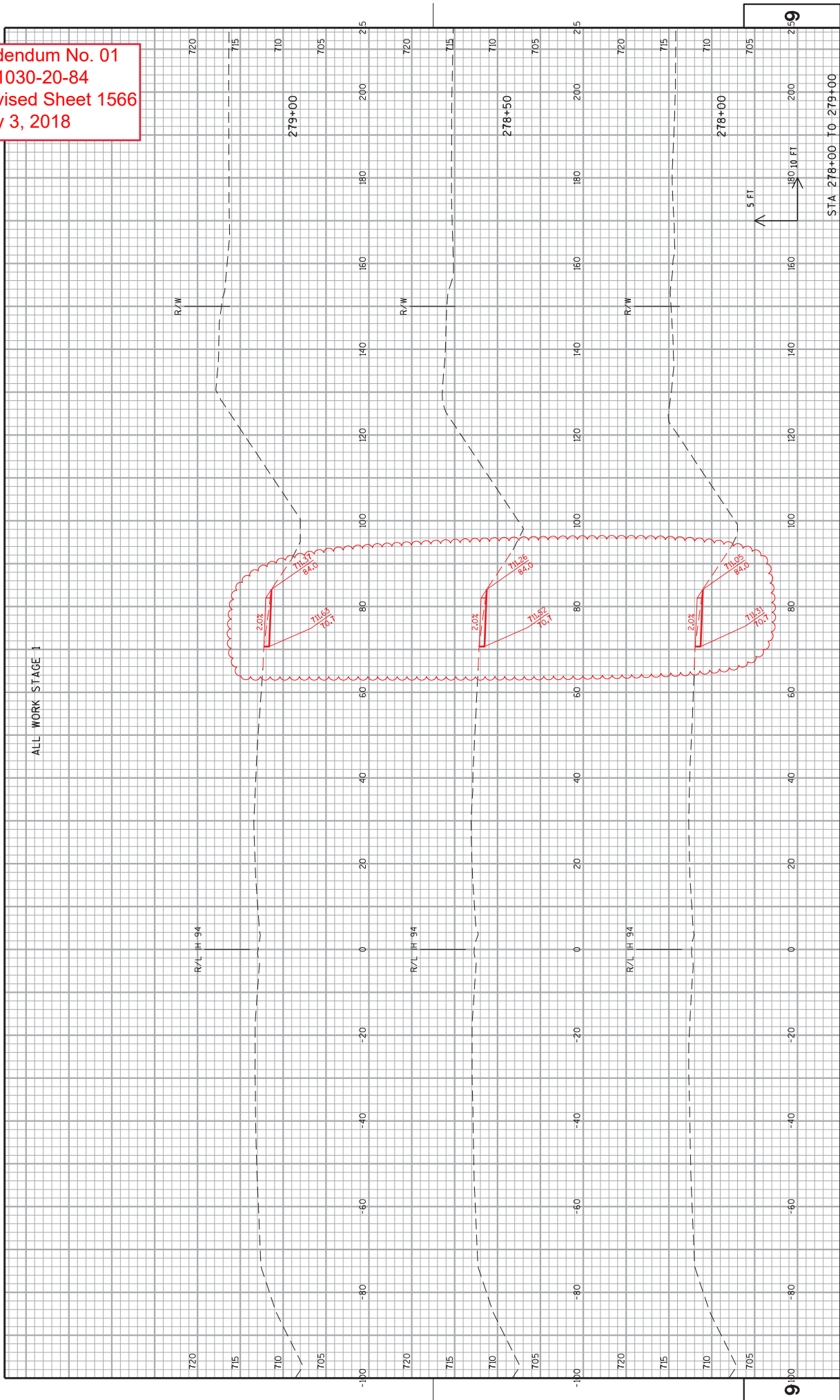
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1565  
 July 3, 2018



PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY:	MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1565	E
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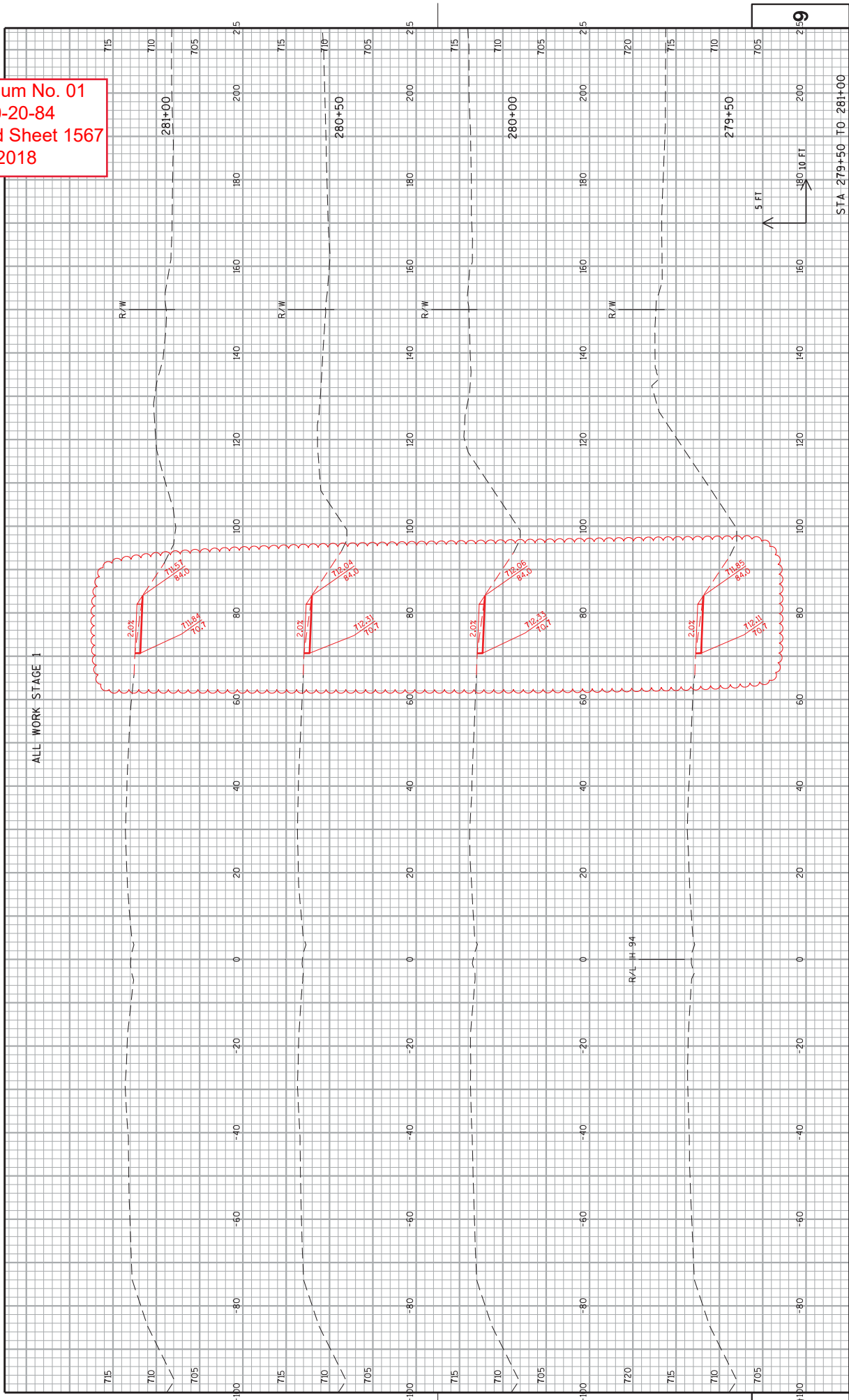
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1566  
 July 3, 2018

ALL WORK STAGE 1



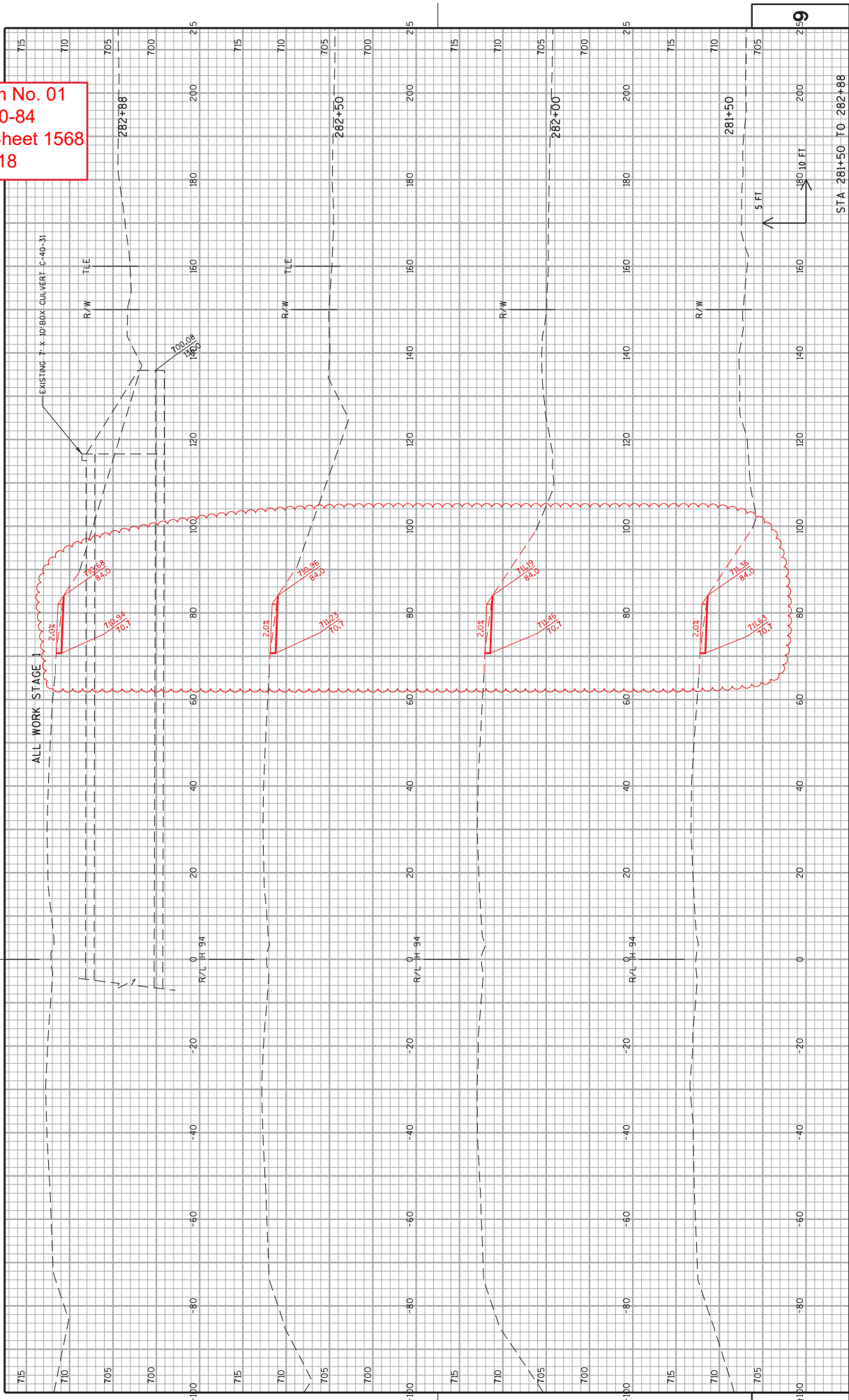
PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1566	E
HWY: IH 94	MILWAUKEE	STA 278+00 TO 279+00		

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1567  
 July 3, 2018



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

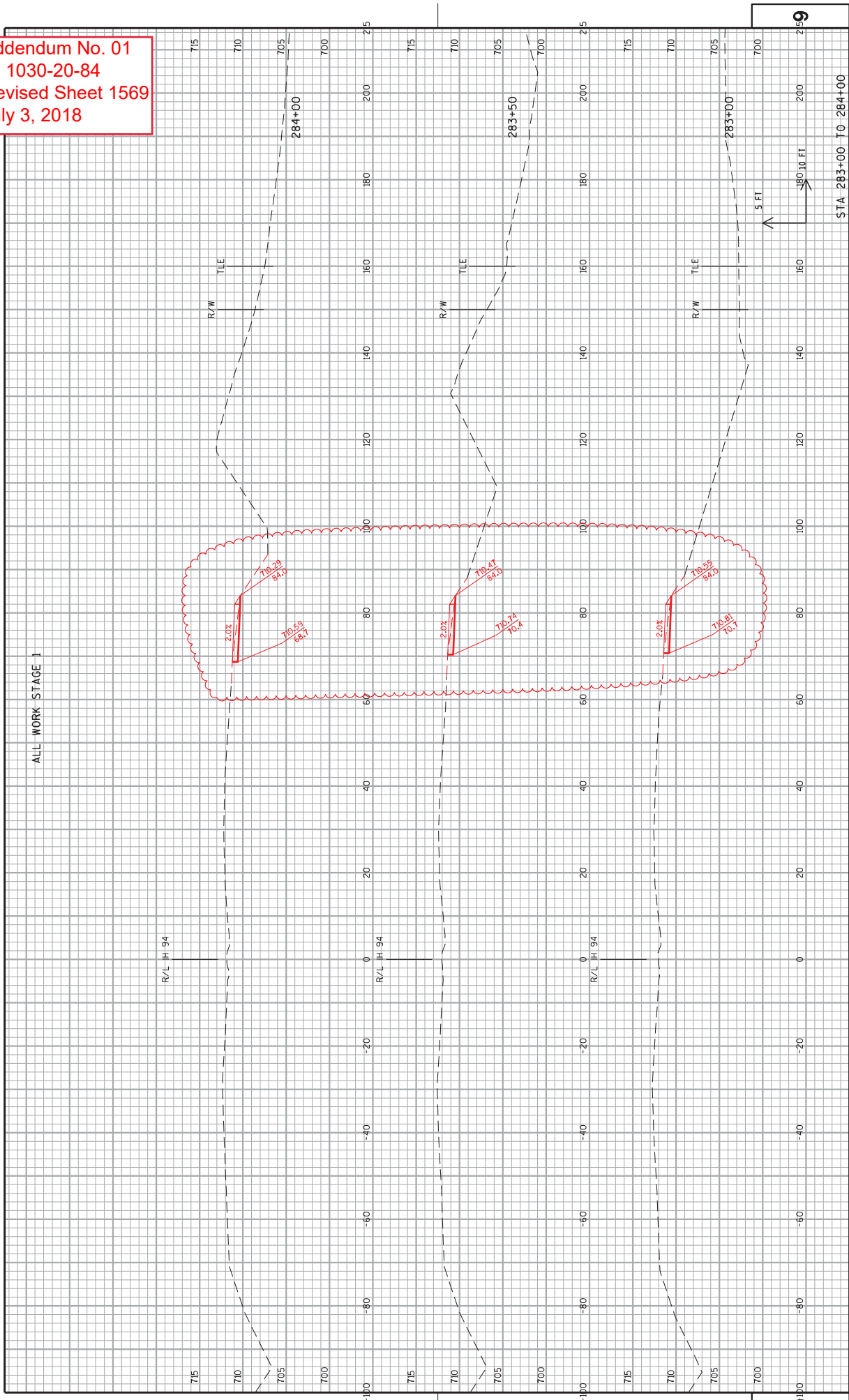
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1568  
 July 3, 2018



PROJECT NO: 1030-20-84	COUNTY: MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1568	E
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 WISDOT/CADDIS SHEET 21

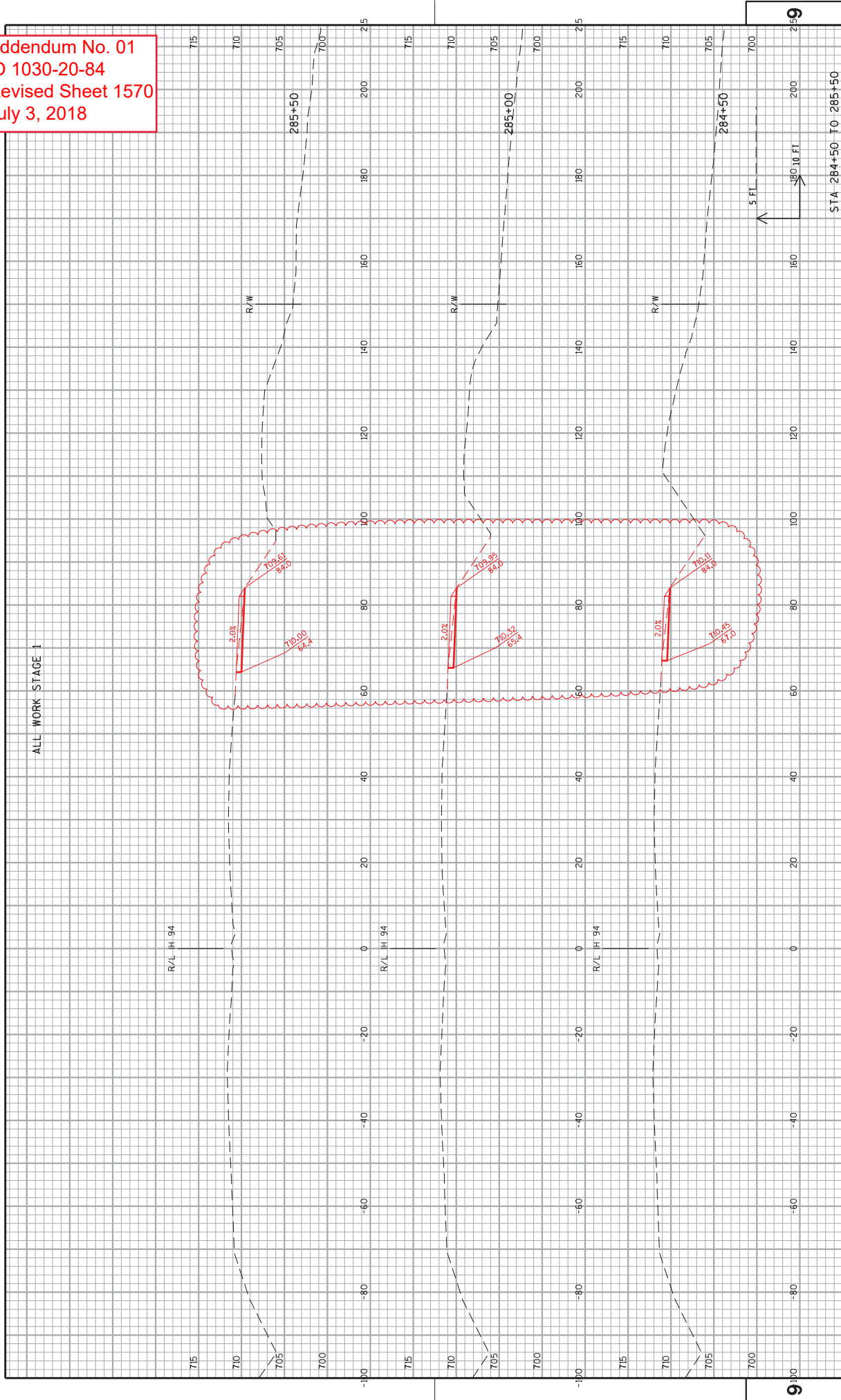
Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1569  
 July 3, 2018



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. 01  
 ID 1030-20-84  
 Revised Sheet 1570  
 July 3, 2018

ALL WORK STAGE 1

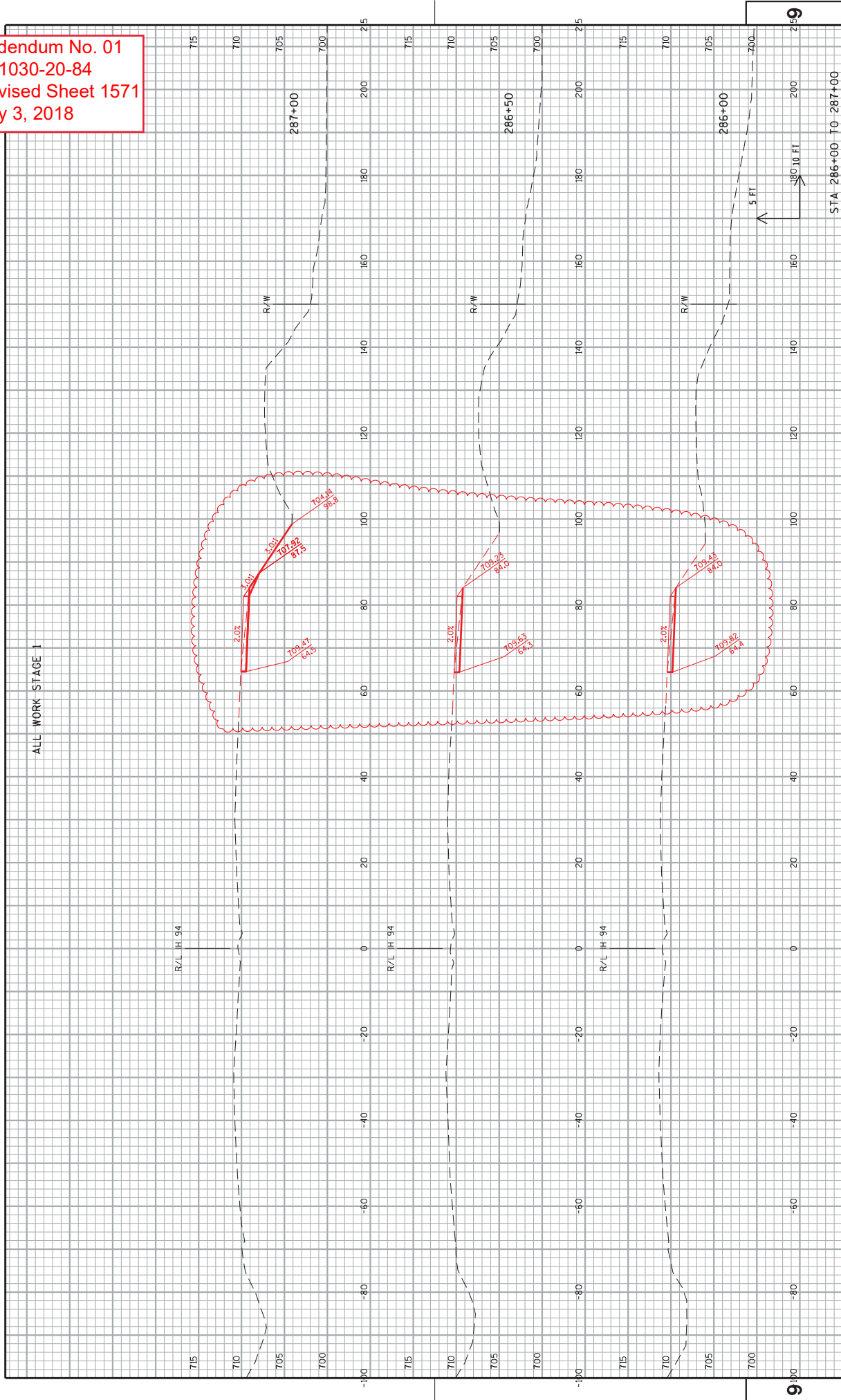


PROJECT NO: 1030-20-84	HWY: IH 94	COUNTY:	MILWAUKEE	CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING	SHEET 1570	E
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 WISDOT/CADDIS SHEET 21

Addendum No. 01  
 ID 1030-20-84  
 Revised Sheet 1571  
 July 3, 2018

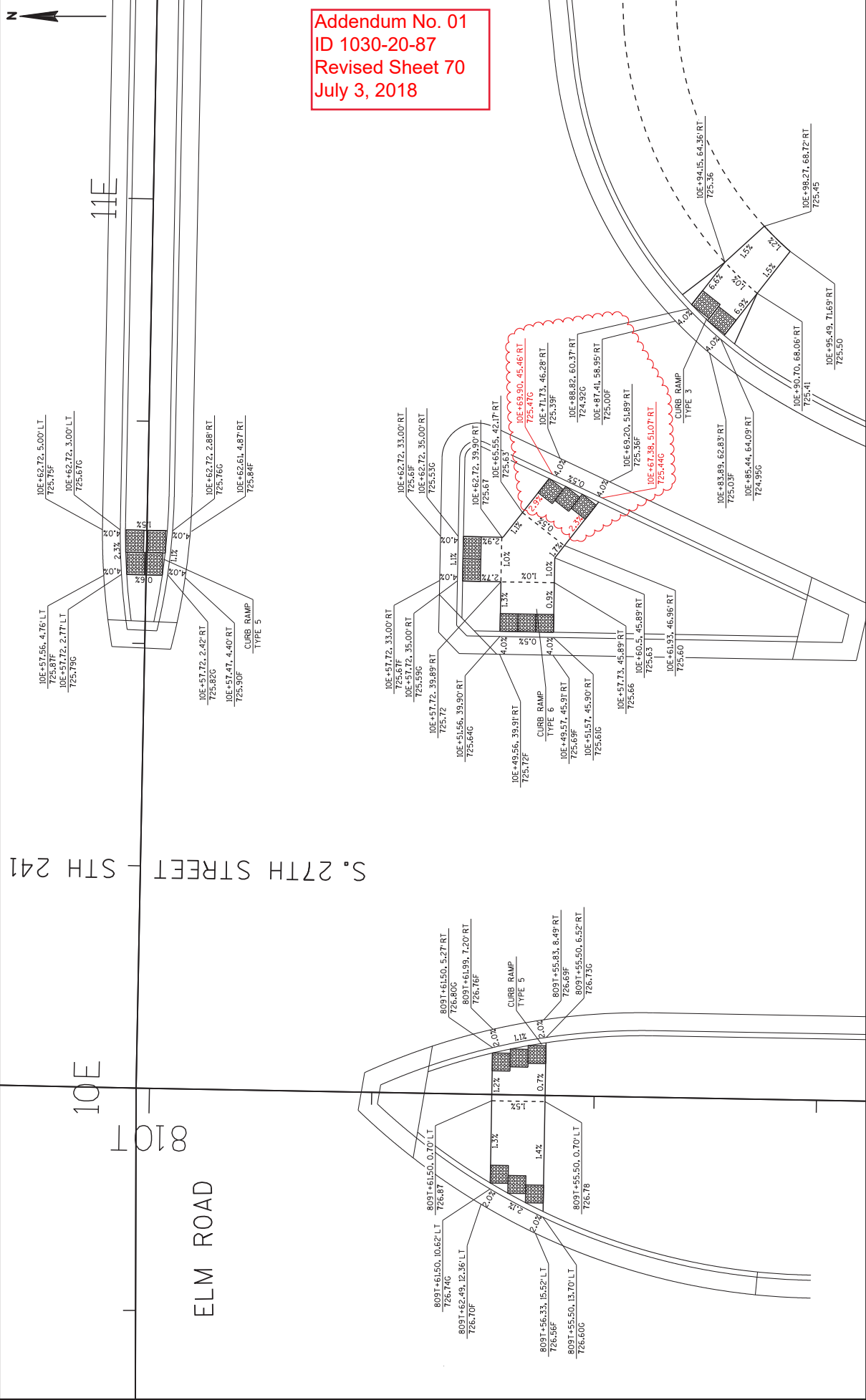
ALL WORK STAGE 1



PROJECT NO: 1030-20-84  
 HWY: IH 94  
 COUNTY: MILWAUKEE  
 CROSS SECTIONS: IH 94 NB TEMPORARY WIDENING  
 SHEET 1571  
 E

FILE NAME : S:\P\Inal\Design\MIL\10302084\_SMARoads\cscs\090601...\_xs\_Temp-S1\_NG.dgn  
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 WISDOT/CADDIS SHEET 21





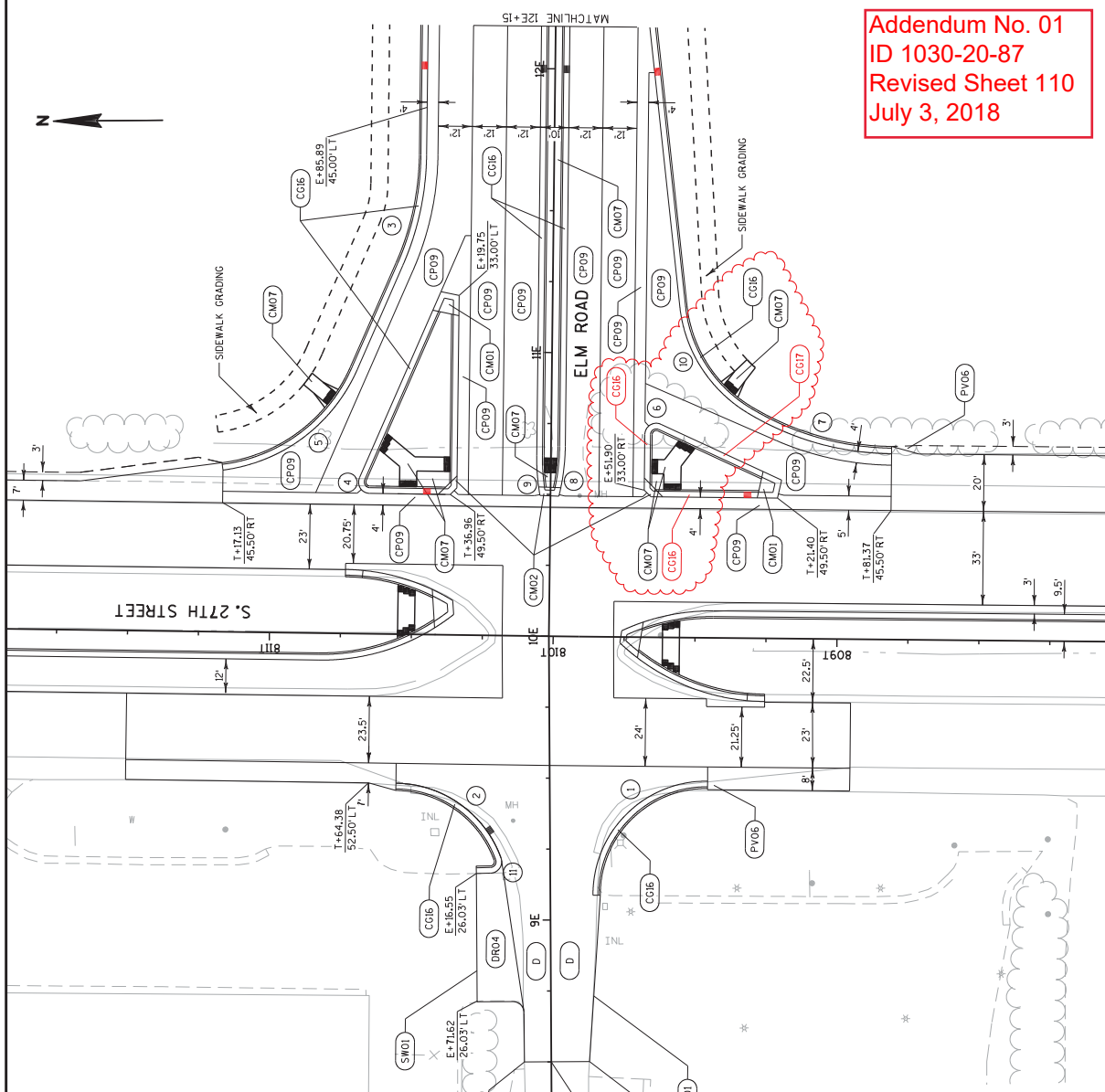
Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 70  
 July 3, 2018

S. 27TH STREET - STH 241

10E

11E

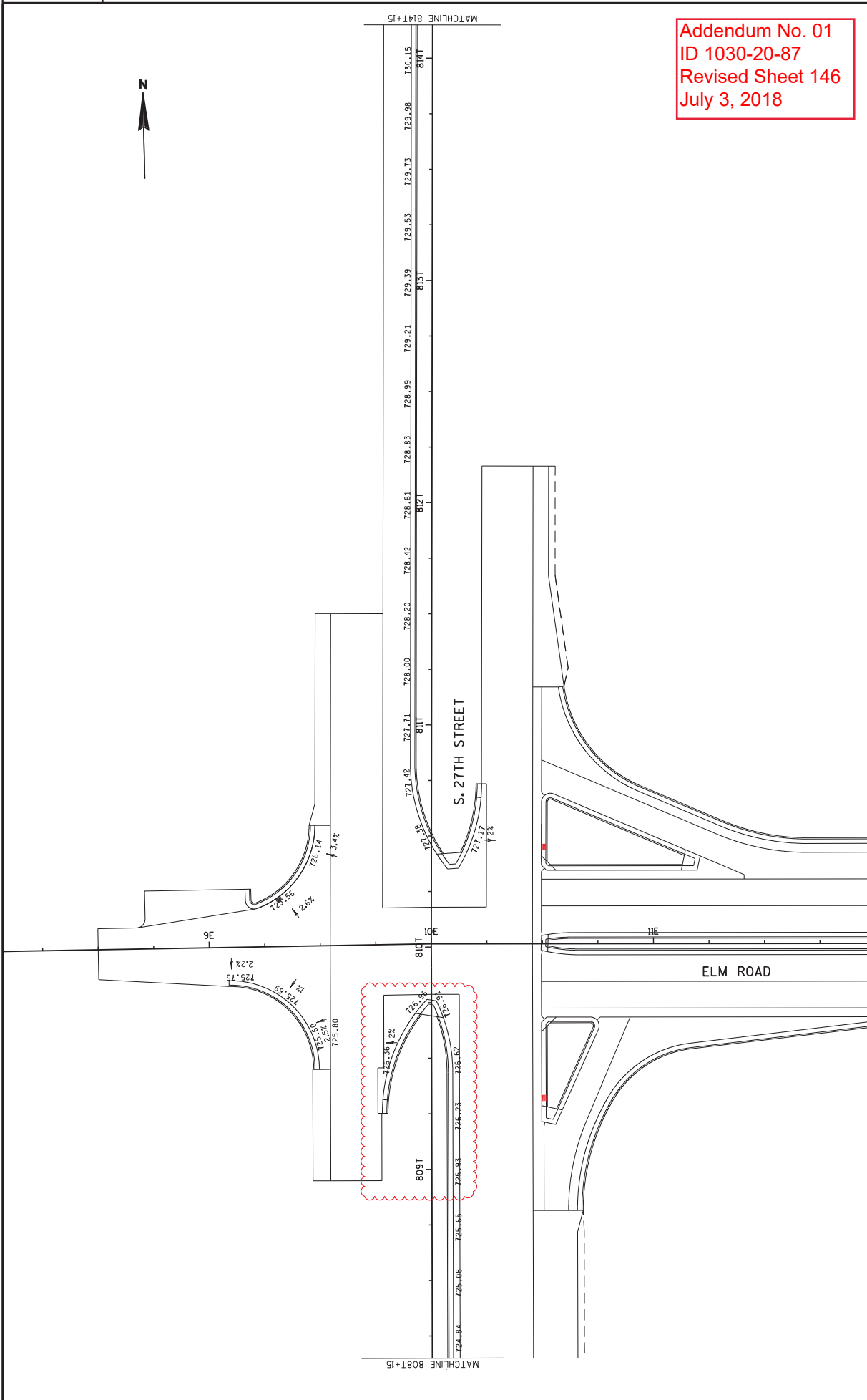
ELM ROAD



Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 110  
 July 3, 2018

RADIUS TABLE

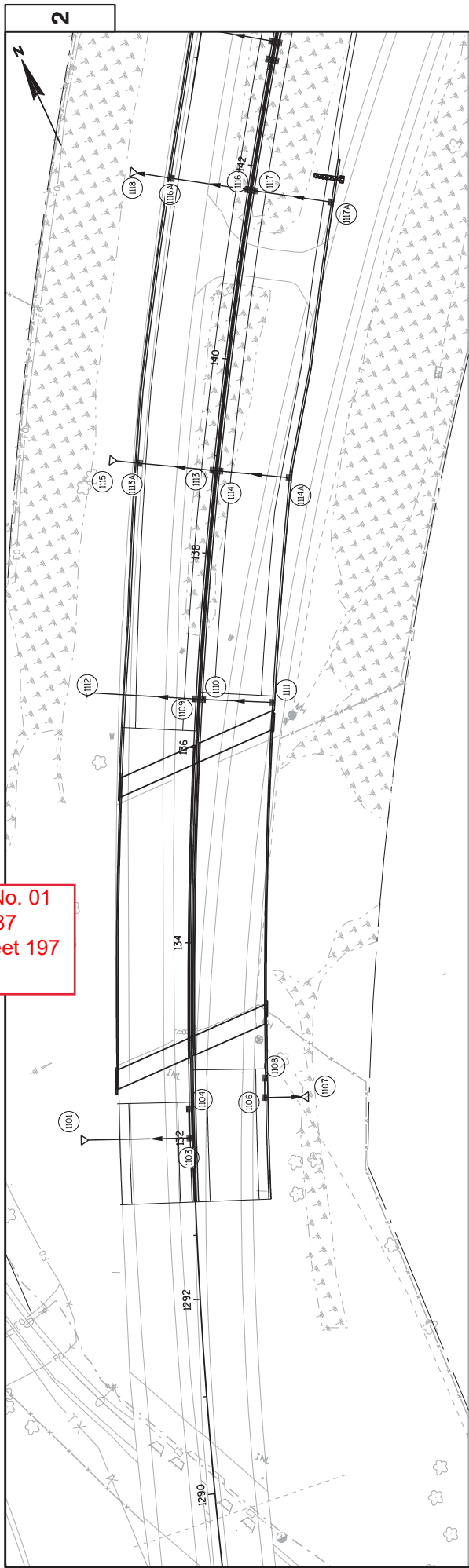
POINT	STATION	OFFSET	RADIUS	PC STATION	PC OFFSET	STATION	PT STATION	PT OFFSET
1	9E+08.64	55.00' RT	40'	9E+08.64	15.00' RT	8091+45.10	50.50' LT	
2	9E+08.54	55.00' LT	40'	9E+21.96	17.32' LT	8101+54.71	52.50' LT	
3	11E+69.17	145.00' LT	100'	11E+30.99	59.25' LT	11E+69.17	45.00' LT	
4	10E+53.65	63.67' LT	4'	10E+49.35	63.68' RT	8101+68.97	55.06' RT	
5	11E+16.70	123.81' LT	60'	8111+17.13	57.01' RT	10E+93.26	68.58' RT	
6	10E+71.51	37.00' RT	4'	10E+71.51	33.00' RT	8091+62.73	75.10' RT	
7	11E+65.69	119.85' RT	100'	8081+81.37	65.50' RT	10E+79.57	69.03' RT	
8	10E+66.94	70.00' LT	75'	8091+88.48	49.42' RT	10E+66.94	5.00' RT	
9	10E+63.56	70.00' RT	75'	8101+05.24	49.57' RT	10E+63.56	5.00' LT	
10	11E+22.63	94.44' RT	50'	8091+32.33	79.46' RT	11E+16.74	44.79' RT	
11	9E+20.62	21.09' LT	4'	9E+16.62	21.03' LT	8101+17.30	78.36' LT	



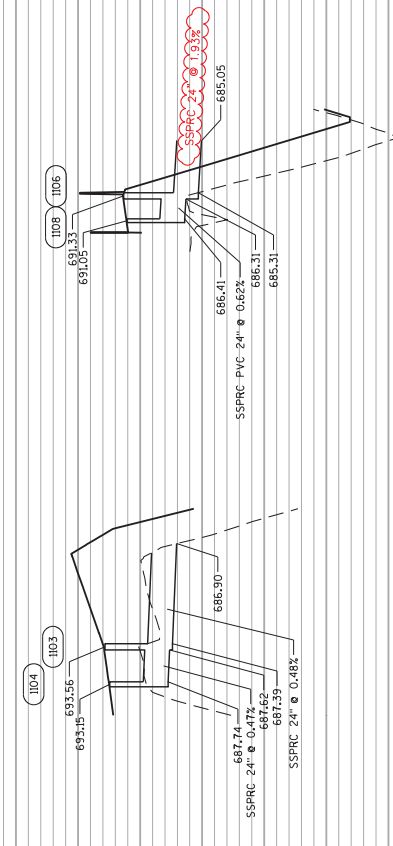
Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 146  
 July 3, 2018

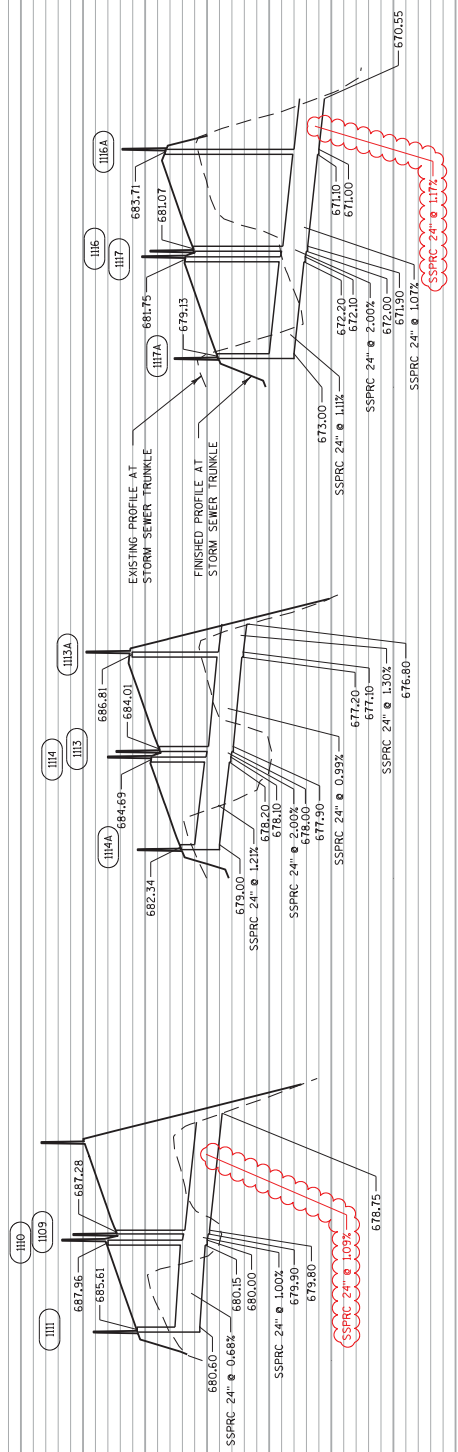
PROJECT NO: 1030-20-87	COUNTY: MILWAUKEE	PAVING GRADES	SHEET 146	E
FILE NAME : S:\NF\InalDes\gm\MIL\10302087_E\Roads\Cadd\021347_pg_06n	PLOT DATE : 29-JUN-2018 12:01	PLOT BY : MSCDJS	PLOT NAME : 021347_pg	WISDOT/CADDIS SHEET 42
HWY: IH 94				

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 197  
 July 3, 2018



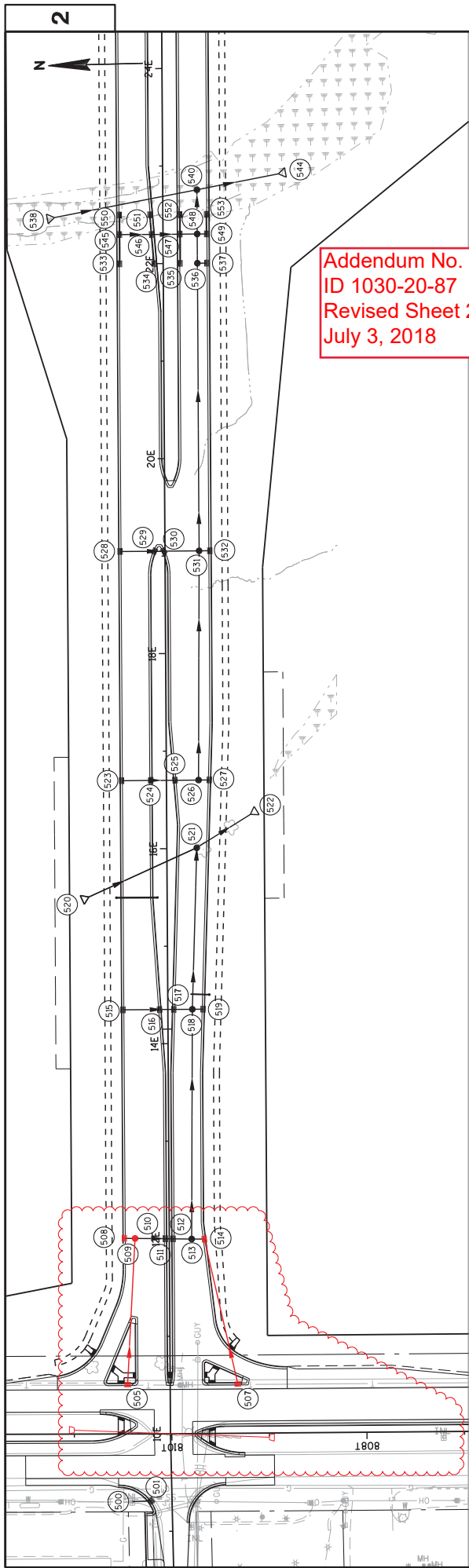
710	
705	
700	
695	
690	
685	
680	
675	
670	
665	



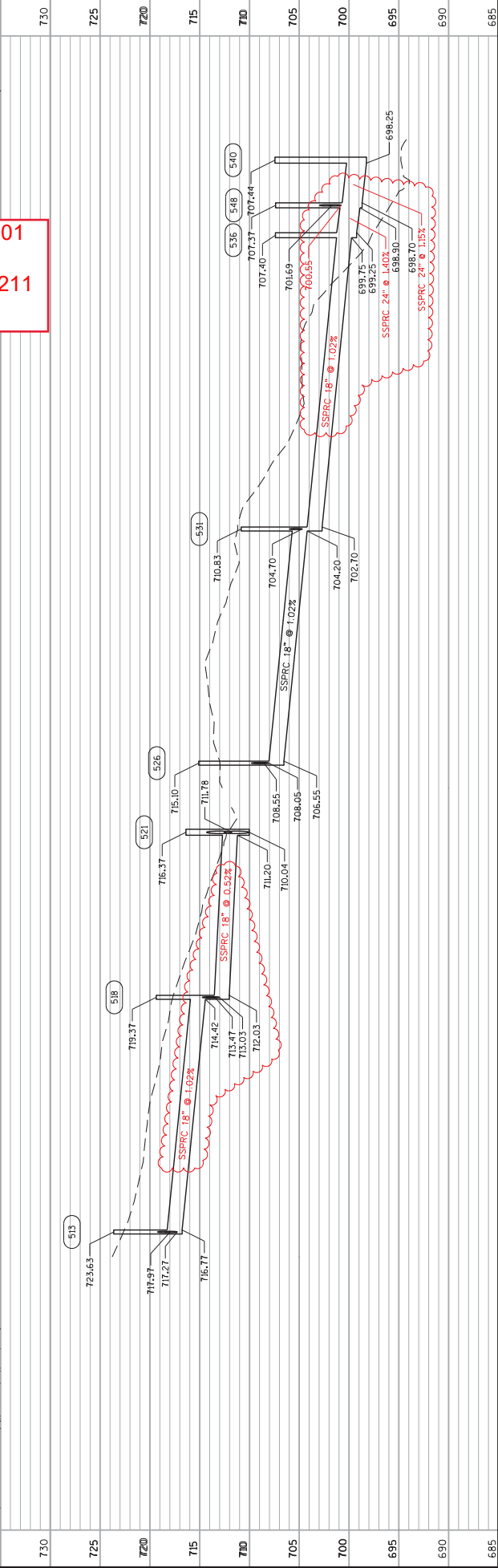


Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 198  
 July 3, 2018



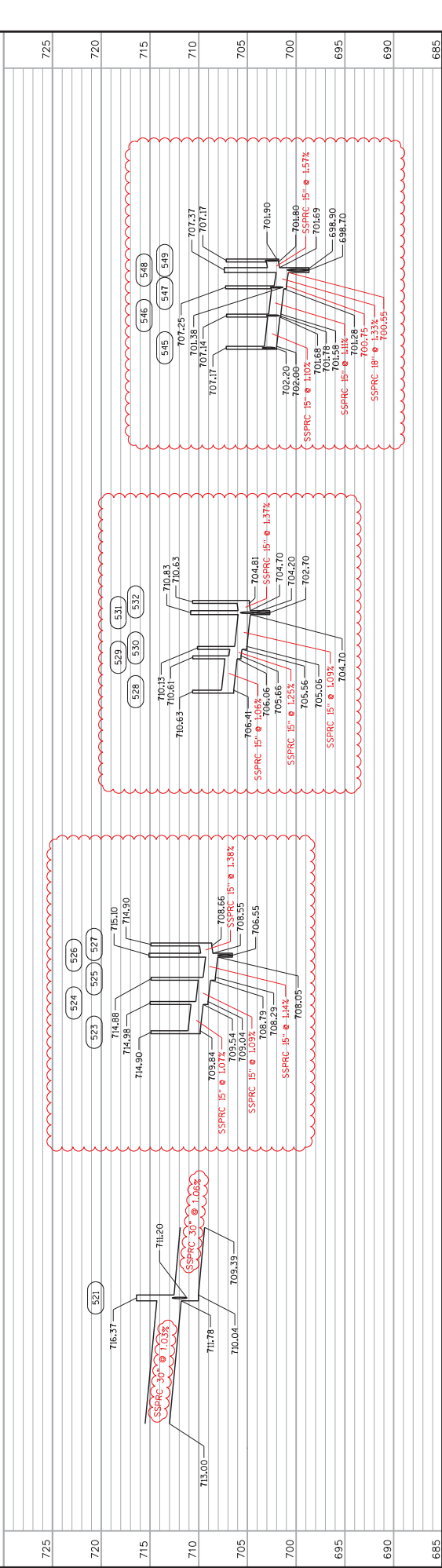
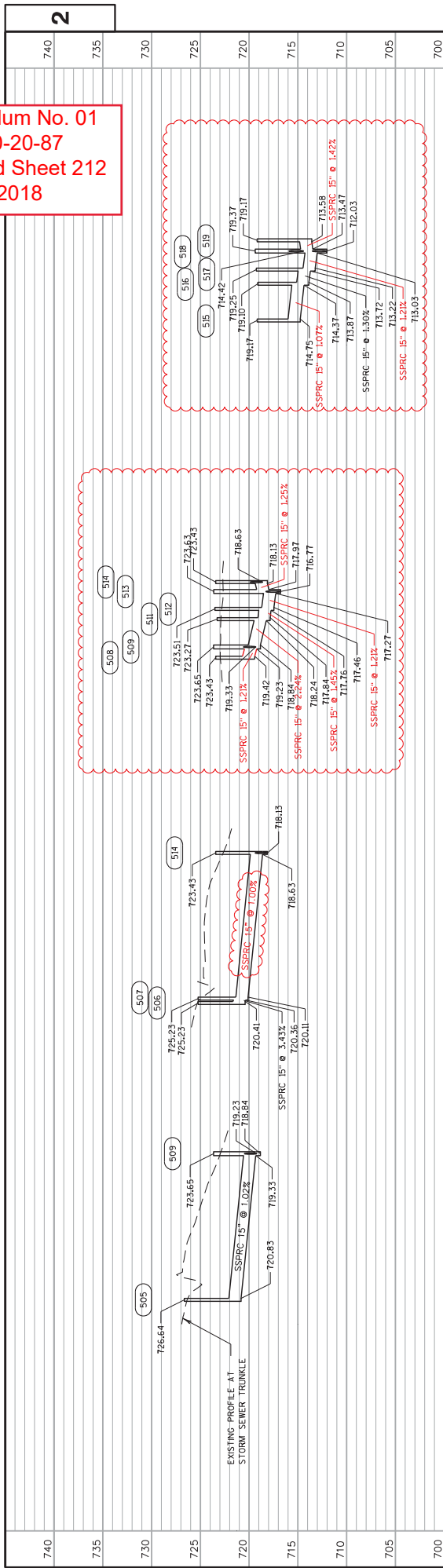


Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 211  
 July 3, 2018



PROJECT NO: 1030-20-87	COUNTY: MILWAUKEE	STORM SEWER	SHEET 211	E
FILE NAME : S:\P\InclDes\GM\MIL\10302087.EV\Roads\Cds\022508_sss.dgn	PLOT DATE : 29-JUN-2018 17:03	PLOT BY : MSCD15	PLOT NAME : 022508.ss	PLOT SCALE : 1:100:1
HWY: I1H 94				

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 212  
 July 3, 2018

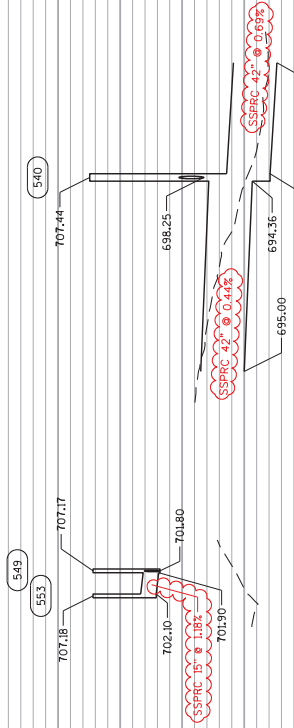


740	740	2
735	735	
730	730	
725	725	
720	720	
715	715	
710	710	
705	705	
700	700	
725	725	
720	720	
715	715	
710	710	
705	705	
700	700	
695	695	
690	690	
685	685	
PROJECT NO: 1030-20-87		HWY: IH 94
COUNTY: MILWAUKEE		STORM SEWER
PLOT DATE: 29-JUN-2018 14:32		PLOT BY: MSCD15
PLOT NAME: 10225086.sss		PLOT SCALE: 1:100.11
SHEET 212		E

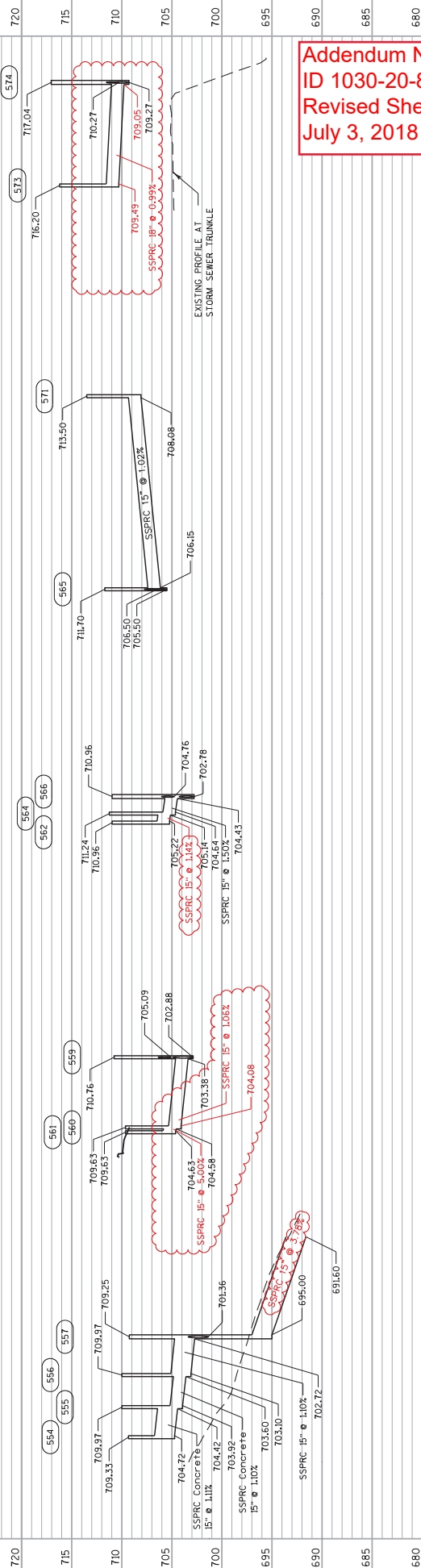




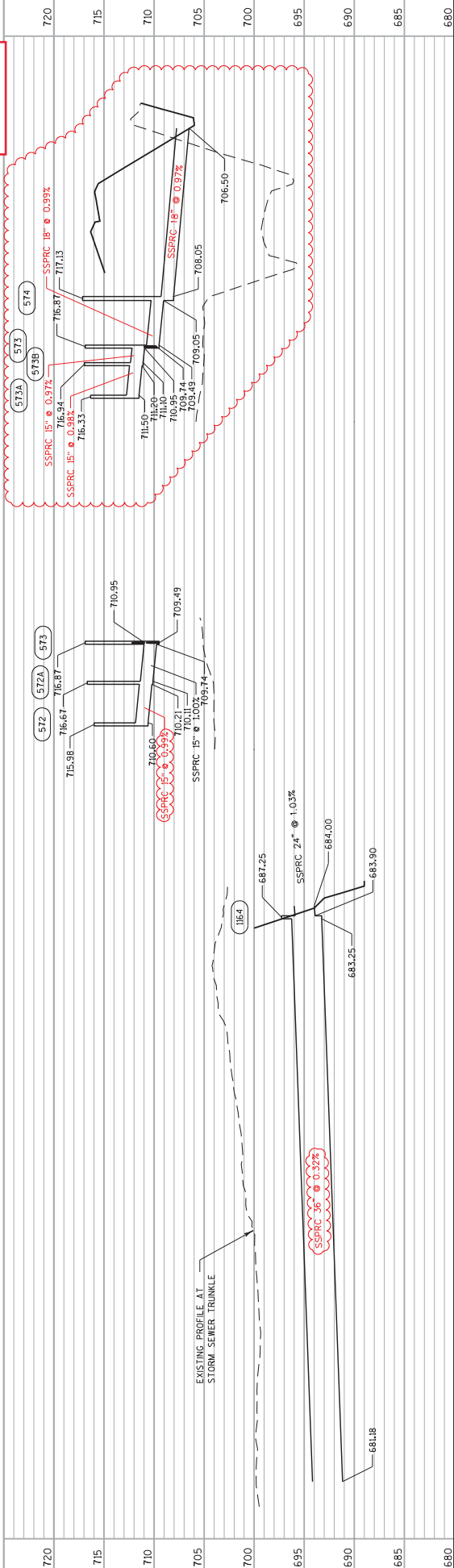
Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 213  
 July 3, 2018

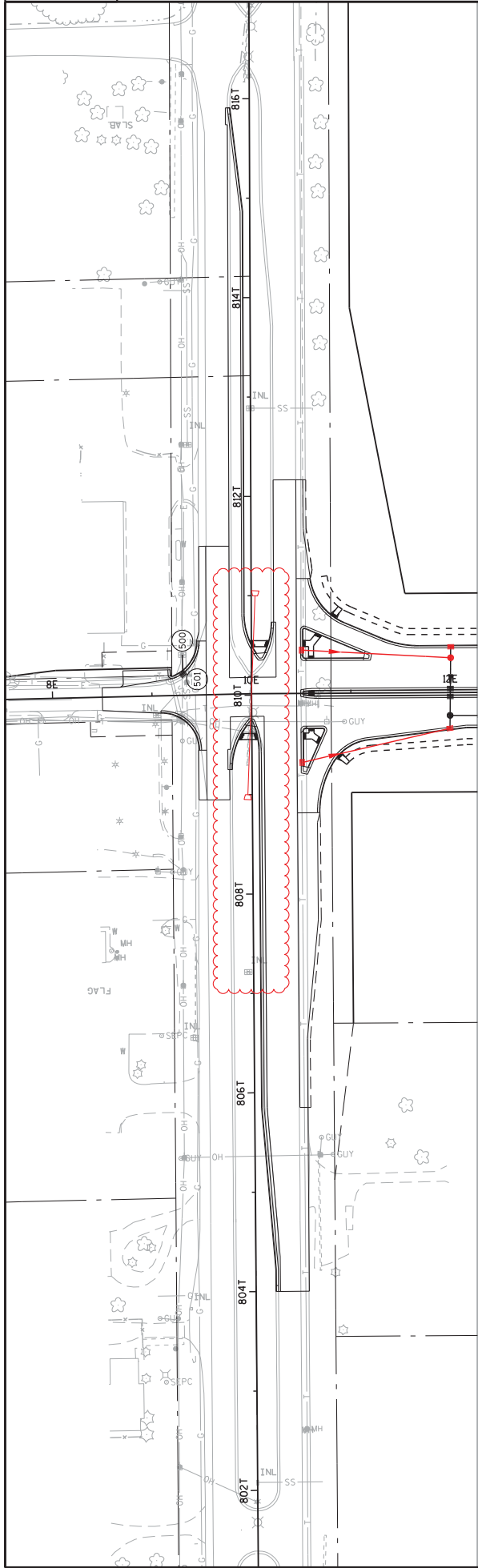






**Addendum No. 01**  
**ID 1030-20-87**  
**Revised Sheet 215**  
**July 3, 2018**





745	
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Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 216  
 July 3, 2018

NO STORM SEWER PROFILE THIS SHEET

CLEARING AND GRUBBING									
CATEGORY	STAGE	ROADWAY	STATION TO	STATION	OFFSET	STA	STA	ACRE	ACRE
1000	1	<u>IH 94 NB</u>	131+34	134+00	RT	3	3	-	-
			135+00	136+00	RT	1	1	-	-
			138+00	143+00	RT	4	4	-	-
			209+00	220+00	RT	11	11	-	-
			STAGE 1 SUBTOTAL			19	19	-	-
1000	2	<u>IH 94 NB</u>	144+00	146+00	RT	2	2	-	-
			150+00	150+00	RT	2	2	-	-
			152+00	181+00	RT	29	29	-	-
			184+00	185+00	RT	1	1	-	-
			186+00	190+00	RT	4	4	-	-
			STAGE 2 SUBTOTAL			38	38	-	-
			132+00	134+00	LT	2	2	-	-
			135+00	145+00	LT	10	10	-	-
			146+00	151+00	LT	5	5	-	-
			153+00	164+00	LT	11	11	-	-
			166+00	210+00	LT	44	44	-	-
			213+00	220+00	LT	7	7	-	-
			STAGE 3 SUBTOTAL			77	77	-	-
			806T+00	812T+00	RT	6	6	-	-
			STAGE 4 SUBTOTAL			125	125	-	-
			8E+00	9E+00	LT	1	1	-	-
			16E+00	17E+00	RT	1	1	-	-
			STAGE 5 SUBTOTAL			2	2	-	-
			136+00	194+00	LT	--	--	0.4	0.4
			STAGE 6 SUBTOTAL			125	125	0.4	0.4
1000	4	<u>IH 94 NB FENCE</u>	135+00	209+00	RT	--	--	0.7	0.7
			STAGE 4 SUBTOTAL			--	--	0.7	0.7
			TOTAL			144	144	1.1	1.1

REMOVING CULVERT									
CATEGORY	STAGE	ROADWAY	STATION	LOCATION	FROM	TO	STATION	LOCATION	SIZE LENGTH AND TYPE OF MATERIAL
1000	1	<u>5TH 241/27TH STREET</u>	809T+30	5' LT			810T+41	1' RT	12' x 110' CMCP
			STAGE 1 SUBTOTAL						1
2 & 4		<u>IH 94</u>	140+74	22' RT			141+34	31' RT	18" x 60' CMCP
			142+10	66' RT			142+11	179' RT	24" x 115' CMCP
			148+30	140' RT			148+25	260' RT	24" x 120' CMCP
			212+00	93' RT			212+00	144' RT	24" x 51' CMCP
			STAGE 2 SUBTOTAL						3
4		<u>OAKWOOD ROAD</u>	17KW+55	19' LT			17KW+34	20' LT	18" x 20' CMCP
			18KW+84	27' RT			19KW+00	30' LT	30" x 59' CMCP
			STAGE 3 SUBTOTAL						1
			TOTAL						7

REMOVING DELINEATORS AND MARKERS									
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	STATION	TO	STATION	REMOVING DELINEATORS AND MARKERS EACH
1000	1	<u>IH 94 NB</u>	131+34	132+70			132+70		1
			136+00	194+19			194+19		4
			196+02	220+00			220+00		2
			STAGE 1 SUBTOTAL						7
1000	2	<u>IH 94 SB</u>	136+00	194+19			194+19		14
			196+02	220+00			220+00		3
			STAGE 2 SUBTOTAL						17
			TOTAL						24

Addendum No. 01  
ID 1030-20-87  
Revised Sheet 358  
July 3, 2018



Addendum No. 01  
ID 1030-20-87  
Revised Sheet 369  
July 3, 2018

STORM SEWER GENERAL NOTES

- 1) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. APRON ENDWALLS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE.
- 2) STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE APRON END OF ENDWALLS UNLESS OTHERWISE NOTED
- 3) CASTINGS ARE CENTERED ON STRUCTURE UNLESS OTHERWISE NOTED
- 4) PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE OR END OF PIPE (NOT TO THE APRON END OF ENDWALLS)
- 5) RIM ELEVATIONS ARE GIVEN AT THE FLOW LINE FOR INLET GRATES ADJACENT TO CONCRETE BARRIER, AT THE FLANGE LINE FOR INLETS IN CURB AND GUTTER, OR CENTER OF THE COVER FOR MANHOLES AND FIELD INLETS, UNLESS OTHERWISE NOTED
- 6) STRUCTURE DEPTH = RIM ELEVATION - LOWEST INVERT - CASTING HEIGHT - ADJUSTMENT RING  

$$\text{CASTING HEIGHT} = 0.83 \text{ FT FOR TYPE V COVERS}; 0.86 \text{ FT FOR TYPE WM COVERS}; 0.74 \text{ FT FOR TYPE J COVERS}; 0 \text{ FT FOR TYPE MS COVERS};$$

$$\text{ADJUSTMENT (RINGS)} = 0.33 \text{ FT FOR J, WM, AND V COVERS}; 0 \text{ FT FOR TYPE MS COVERS}$$
- 7) FLAT SLAB TOP WITH CENTERED 21" X 24" RECTANGULAR OPENING REQUIRED ON ALL MANHOLES WITH TYPE V INLET COVERS
- 8) CENTER OPENING ON ALL MANHOLES UNLESS OTHERWISE NOTED
- 9) ALL INLETS IN DRIVING LANES DURING CONSTRUCTION SHALL HAVE FASTENED COVERS
- 10) PIPE RUNS INSTALLED IN MULTIPLE STAGES SHALL BE INSTALLED IN SUCH A MANNER AS NOT TO REQUIRE PIPE COLLARS
- 11) WHOLE SECTIONS OF PIPE SHALL END AND BEGIN EACH STAGE
- \*) LOCATIONS AND DEPTHS OF EXISTING STRUCTURES AND PIPES SHALL BE VERIFIED IN THE FIELD
- \*) PIPE LENGTH SHOWN FOR SLOPE CALCULATION ONLY, PLAN LENGTH SHOWN FOR PAY QUANTITY
- \*) ADDITIONAL QUANTITIES LISTED ELSEWHERE
- \*) ALL ITEMS ARE CATEGORY 1000 UNLESS NOTED OTHERWISE

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1030-20-87	HWY: IH 94	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 369	E
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FILE NAME: S:\FinalDesign\MIL10302087\_ERRoads\cbs\030202\_mil\_dra.rpt

PLOT DATE: 06/20/2018 01:12 PM

PLOT BY: MSCGEJ

PLOT NAME: 1030202\_mil\_dra1

PLOT SCALE: 1:1

STORM SEWER ITEMS

633.5200 522.1018 522.1024 522.1030 522.1036 522.1042

MARKERS  
 CULVERT END  
 APRON END WALLS FOR CULVERT  
 PRE REINFORCED CONCRETE

STRUCTURE NUMBER	STAGE	STATION	OFFSET FEET	STRUCTURE TYPE	COVER TYPE	RM ELEV	STR DEPTH FT	FROM STR	TO STR	SIZE	PIPE LENGTH FEET	PLAN LENGTH FEET	SLOPE	INVERT ELEVATION		DISCHARGE	EACH	EACH	EACH	EACH	EACH	EACH	EACH	NOTES
														INLET	INLET									
1101		132+00	115.00' LT	--	--	--	0.00	OUTFALL	--	--	--	--	--	686.90	686.90	--	1	--	--	--	--	--	--	
1103		132+00	4.25' LT	5-FT	V	693.56	5.01	1103	1101	24-NCH	103	105	0.48%	687.39	686.90	--	1	--	--	--	--	--	FASTEN COVER	
1104		132+30	4.25' LT	4-FT	V	693.15	4.25	1104	1103	24-NCH	26	30	0.47%	687.74	687.62	--	--	--	--	--	--	--	FASTEN COVER	
1106		132+40	74.25' RT	5-FT	V	691.33	4.86	1106	1107	24-NCH	14	16	1.93%	685.51	685.05	--	--	--	--	--	--	--		
1107		132+40	96.00' RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	685.05	685.05	--	1	--	--	--	--	--		
1108		132+60	74.25' RT	--	V	691.05	3.48	1108	1106	15-NCH	17	20	0.63%	686.41	686.31	--	--	--	--	--	--	--		
1109		136+50	4.25' LT	3-FT	V	687.28	6.22	1109	1112	24-NCH	97	98	1.09%	679.90	678.85	--	--	--	--	--	--	--	FASTEN COVER	
1110		136+50	4.25' RT	4-FT	V	687.96	6.75	1110	1109	24-NCH	5	9	1.00%	680.05	680.00	--	--	--	--	--	--	--	FASTEN COVER	
1111		136+50	74.25' RT	4-FT	V	685.61	3.85	1111	1110	24-NCH	67	71	0.68%	680.60	680.15	--	--	--	--	--	--	--		
1112		136+50	108.00' LT	--	--	--	0.00	OUTFALL	--	--	--	--	--	678.75	678.75	--	1	--	--	--	--	--		
1113		138+85	4.25' LT	3-FT	V	684.01	4.95	1113	1113A	24-NCH	71	74	0.98%	677.90	677.20	--	--	--	--	--	--	--	FASTEN COVER	
1113A		138+85	78.75' LT	4-FT	V	686.81	8.55	1113A	1113	24-NCH	23	25	1.30%	677.10	676.80	--	--	--	--	--	--	--	FASTEN COVER	
1114A		138+85	74.25' RT	4-FT	V	682.34	2.18	1114A	1114	24-NCH	66	70	1.21%	679.00	678.20	--	--	--	--	--	--	--		
1114		138+85	4.25' RT	4-FT	V	684.69	5.43	1114	1114	24-NCH	5	9	2.00%	678.10	678.00	--	--	--	--	--	--	--		
1115		138+85	110.00' LT	--	--	--	0.00	OUTFALL	--	--	--	--	--	676.80	676.80	--	1	--	--	--	--	--		
1116		141+75	4.25' LT	3-FT	V	681.07	8.01	1116	116A	24-NCH	75	78	1.07%	671.90	671.10	--	--	--	--	--	--	--	FASTEN COVER	
1116A		141+75	82.25' LT	3-FT	V	683.71	11.55	1116A	1118	24-NCH	39	40	1.17%	671.00	670.55	--	--	--	--	--	--	--	FASTEN COVER	
1117		141+75	4.25' RT	4-FT	V	681.75	8.49	1117	1116	24-NCH	5	9	2.00%	672.10	672.00	--	--	--	--	--	--	--		
1117A		141+75	82.25' RT	4-FT	V	679.13	4.97	1117A	1117	24-NCH	72	76	1.11%	673.00	672.20	--	--	--	--	--	--	--		
1118		141+75	125.00' RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	670.55	670.55	--	1	--	--	--	--	--		
1119		145+00	4.25' LT	4-FT	V	681.15	3.89	1119	1120	24-NCH	106	108	1.04%	676.10	675.00	--	--	--	--	--	--	--	FASTEN COVER	
1120		145+00	118.00' RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	675.00	675.00	--	--	--	--	--	--	--		
1121		143+10	4.25' LT	4-FT	V	680.67	4.51	1121	1122	24-NCH	4	9	1.25%	675.00	674.95	--	--	--	--	--	--	--	FASTEN COVER	
1122		143+10	4.25' RT	5-FT	V	681.55	5.34	1122	1124	24-NCH	15	20	0.67%	674.85	674.75	--	--	--	--	--	--	--		
1123		143+29	4.25' LT	4-FT	V	680.66	5.05	1123A	1123A	24-NCH	75	79	1.13%	674.45	673.60	--	--	--	--	--	--	--	FASTEN COVER	
1123A		143+29	83.60' RT	4-FT	V	683.35	8.69	1123A	1125	24-NCH	23	25	1.74%	673.50	673.10	--	--	--	--	--	--	--	FASTEN COVER	
1124		143+29	4.25' RT	5-FT	V	681.34	5.53	1124	1123	24-NCH	4	9	2.50%	674.65	674.55	--	--	--	--	--	--	--		
1125		143+29	114.00' RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	673.10	673.10	--	1	--	--	--	--	--		
1126		143+50	4.25' LT	4-FT	V	680.67	4.51	1126	1127	24-NCH	4	9	1.25%	675.00	674.95	--	--	--	--	--	--	--	FASTEN COVER	
1127		143+50	4.25' RT	5-FT	V	681.35	5.34	1127	1124	24-NCH	15	20	0.67%	674.85	674.75	--	--	--	--	--	--	--		
1128		146+50	119.00' LT	--	--	--	0.00	OUTFALL	--	--	--	--	--	674.57	674.57	--	1	--	--	--	--	--		
1129		146+50	4.25' LT	4-FT	V	681.91	4.88	1129	1128	24-NCH	113	115	1.15%	675.87	674.57	--	--	--	--	--	--	--	FASTEN COVER	
1130		148+00	4.25' LT	3-FT	V	682.66	5.00	1130	1131	15-NCH	5	9	2.00%	676.50	676.40	--	--	--	--	--	--	--	FASTEN COVER	
1131		148+00	4.25' RT	4-FT	V	683.34	6.03	1131	1132	24-NCH	101	106	1.14%	676.15	675.00	--	--	--	--	--	--	--		
1132		148+00	115.00' RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	674.85	674.85	--	1	--	--	--	--	--		
1136		151+00	4.25' LT	4-FT	V	684.16	6.16	1136	1137	15-NCH	7	9	1.54%	678.00	677.90	--	--	--	--	--	--	--	FASTEN COVER	
1137		151+00	4.25' RT	4-FT	V	684.84	6.03	1137	1138	24-NCH	117	119	0.98%	677.65	676.50	--	--	--	--	--	--	--		
1138		151+00	121.00' RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	676.50	676.50	--	1	--	--	--	--	--		
1147		154+00	4.25' LT	3-FT	V	685.67	5.61	1147	1148	15-NCH	5	9	0.89%	678.90	678.86	--	--	--	--	--	--	--	FASTEN COVER	
1148		154+00	4.25' RT	5-FT	V	685.67	5.68	1148	1149	24-NCH	154	156	1.19%	677.83	677.00	--	--	--	--	--	--	--		
1149		154+00	166.50' RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	677.00	677.00	--	1	--	--	--	--	--		
1150		157+00	74.25' LT	4-FT	V	687.17	4.58	1150	1151	24-NCH	66	70	0.53%	681.08	681.43	--	--	--	--	--	--	--	FASTEN COVER	
1151		157+00	4.25' LT	4-FT	V	687.17	4.96	1151	1152	24-NCH	4	9	1.25%	681.05	681.00	--	--	--	--	--	--	--	FASTEN COVER	
1152		157+00	4.25' RT	5-FT	V	687.17	5.68	1152	1148	24-NCH	295	300	0.51%	680.33	678.83	--	--	--	--	--	--	--		
1154		160+00	74.25' LT	4-FT	V	688.68	4.76	1154	1155	24-NCH	66	70	0.32%	682.76	682.55	--	--	--	--	--	--	--	FASTEN COVER	
1155		160+00	4.25' LT	4-FT	V	688.68	5.18	1155	1156	24-NCH	5	9	0.89%	682.34	682.30	--	--	--	--	--	--	--	FASTEN COVER	
1156		160+00	4.25' RT	4-FT	V	688.68	5.43	1156	1157	24-NCH	66	70	0.32%	682.09	681.88	--	--	--	--	--	--	--		
1157		160+00	74.25' RT	4-FT	V	688.68	5.85	1157	1158	24-NCH	37	39	0.49%	681.67	681.49	--	--	--	--	--	--	--		

(CONTINUED ON NEXT SHEET)



STORM SEWER ITEMS (CONTINUED)

633.5200 522.1018 522.1024 522.1030 522.1036 522.1042

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	APRON ENDWALLS FOR CULVERT				NOTES			
															MANHOLE	INLET	18-INCH EACH	24-INCH EACH		30-INCH EACH	36-INCH EACH	42-INCH EACH
1210		200+00	74.25 RT	--	4-FT	V	725.76	1210	1209	24-NCH	66	70	1.00%	719.38								
1211		203+00	4.25 LT	--	3-FT	V	718.43	1211	1212	15-NCH	5	9	1.11%	713.26								FASTEN COVER
1212		203+00	4.25 RT	5-FT	--	V	718.43	1212	1215	24-NCH	225	230	1.00%	709.36								
1213		203+00	74.25 RT	--	4-FT	V	718.43	1213	1212	24-NCH	66	70	0.53%	711.60								
1214		205+30	74.25 RT	--	3-FT	V	714.19	1214	1215	15-NCH	5	9	1.11%	709.02								
1215A		205+30	74.25 RT	--	4-FT	V	714.19	1215A	1215	24-NCH	66	70	0.53%	708.71								
1215		205+30	4.25 RT	5-FT	--	V	714.19	1215	1217	24-NCH	220	225	0.51%	708.36								
1216		207+55	4.25 LT	--	3-FT	V	712.02	1216	1217	15-NCH	5	9	1.11%	706.91								FASTEN COVER
1217A		207+55	74.25 RT	--	4-FT	V	712.02	1217A	1217	24-NCH	66	70	0.53%	706.58								FASTEN COVER
1217		207+55	4.25 RT	5-FT	--	V	712.02	1217	1219	24-NCH	240	245	0.51%	706.73								
1218		210+00	4.25 LT	--	3-FT	V	710.79	1218	1219	15-NCH	5	9	1.11%	705.69								FASTEN COVER
1219		210+00	4.25 RT	5-FT	--	V	710.79	1219	1221	24-NCH	245	250	0.51%	705.00								
1220		212+50	4.25 LT	--	3-FT	V	709.53	1220	1221	15-NCH	5	9	1.11%	704.44								FASTEN COVER
1221		212+50	4.25 RT	5-FT	--	V	709.53	1221	1223	24-NCH	245	250	0.51%	703.50								
1222		215+00	4.25 LT	--	3-FT	V	708.27	1222	1223	15-NCH	5	9	1.11%	703.19								FASTEN COVER
1223		215+00	4.25 RT	5-FT	--	V	708.27	1223	1225	24-NCH	245	250	0.51%	702.00								
1224		217+50	4.25 LT	--	3-FT	V	707.01	1224	1225	15-NCH	5	9	1.11%	701.94								FASTEN COVER
1225		217+50	4.25 RT	5-FT	--	V	707.01	1225	1227	24-NCH	245	250	0.51%	700.50								
1226		220+00	4.25 LT	--	3-FT	V	705.75	1226	1227	15-NCH	5	9	1.11%	700.69								FASTEN COVER
1227		220+00	4.25 RT	5-FT	--	V	705.75	1227						698.75								
RAMPEA		174EA+25	18.00 LT	--	2.5X3-FT	V	707.10	1184	1189	15-NCH	44	47	0.66%	699.92								699.63
RAMPEB		151EB+38	57.50 RT	--	--	--	0.00	OUTFALL						674.75								727.00
1139		151EB+78	59.00 RT	5-FT	--	J	683.57	1140	1139	30-NCH	38	40	0.67%	675.00								1
1140		152EB+05	64.25 RT	--	--	--	0.00	PFE END	1140	18-NCH	25	27	0.00%	672.50								1
1141		152EB+50	23.00 LT	--	MEDIAN 2	2-MS	683.50	1144	1145	18-NCH	41	43	2.44%	680.00								
1144		152EB+50	26.00 RT	--	--	--	0.00	OUTFALL						679.00								1
1145		150EC+60	36.00 LT	--	--	--	0.00	OUTFALL						679.00								1
RAMPEC		150EC+60	18.00 RT	1134	4-FT	V	687.00	1134	1133	24-NCH	46	48	1.41%	679.15								1
1133		150EC+60	27.00 RT	--	3-FT	V	686.52	1135	1134	15-NCH	6	9	1.82%	682.00								
1135		153EC+16	54.00 LT	--	--	--	0.00	OUTFALL						678.00								1
1142		154EC+00	35.25 RT	--	MEDIAN 2	2-MS	684.50	1142	1143	24-NCH	81	83	1.18%	678.95								1
1143		153+87	74.25 LT	--	2X3-FT	V	685.60	1146	1143	24-NCH	14	18	1.50%	679.26								
ELMRE		10E+51	35.00 LT	--	2.5X3-FT	WM	726.64	505	509	15-NCH	147	150	1.02%	720.83								
505		809T+32	50.50 RT	--	4-FT	WM	725.60	507	514	15-NCH	149	153	1.00%	720.12								
507		12E+00	46.00 LT	--	2X2.5-FT	WM	722.86	508	509	15-NCH	16	19	1.21%	719.42								
508		12E+00	35.00 LT	4-FT	--	J	723.65	511	512	15-NCH	27	30	2.24%	718.84								
509		12E+00	4.00 LT	--	2X2.5-FT	WM	723.19	511	512	15-NCH	6	8	1.45%	717.84								
511		12E+00	4.00 RT	--	2X2.5-FT	WM	723.51	512	513	15-NCH	16	19	1.21%	717.46								
512		12E+00	23.00 RT	--	--	--	5.79	513	518	18-NCH	231	235	1.02%	716.77								
513		12E+00	36.00 RT	4-FT	--	J	723.63	513	513	15-NCH	13	16	1.25%	718.13								
514		14E+35	46.00 LT	--	2X2.5-FT	WM	716.61	515	516	15-NCH	36	38	1.07%	714.75								
515		14E+35	8.34 LT	--	2X2.5-FT	WM	719.01	516	517	15-NCH	12	14	1.30%	713.87								
516				--	--	--								713.72								

(CONTINUED ON NEXT SHEET)

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 373  
 July 3, 2018

STORM SEWER ITEMS (CONTINUED)

633.5200 522.1018 522.1024 522.1030 522.1036 522.1042

MARKERS  
 CULTVERT  
 END  
 18-INCH EACH  
 24-INCH EACH  
 30-INCH EACH  
 36-INCH EACH  
 42-INCH EACH

APRON ENDWALLS FOR CULTVERT  
 PIPE REINFORCED CONCRETE  
 18-INCH EACH  
 24-INCH EACH  
 30-INCH EACH  
 36-INCH EACH  
 42-INCH EACH

APRON ENDWALLS FOR CULTVERT  
 PIPE REINFORCED CONCRETE  
 18-INCH EACH  
 24-INCH EACH  
 30-INCH EACH  
 36-INCH EACH  
 42-INCH EACH

APRON ENDWALLS FOR CULTVERT  
 PIPE REINFORCED CONCRETE  
 18-INCH EACH  
 24-INCH EACH  
 30-INCH EACH  
 36-INCH EACH  
 42-INCH EACH

STRUCTURE NUMBER	STAGE	STATION	OFFSET FEET	STRUCTURE MANHOLE	TYPE	COVER	INLET	DEPTH FT	STR	FROM STR	TO STR	SIZE	PIPE LENGTH FEET	PLAN LENGTH FEET	SLOPE	INVERT ELEVATION	DISCHARGE	MARKERS CULTVERT END	APRON ENDWALLS FOR CULTVERT PIPE REINFORCED CONCRETE	NOTES
517	14E+35	6.17 RT	--	2X2.5-FT	WM	719.16	4-FT	4.76	517	518	518	15-INCH	16	19	1.21%	713.22	713.03	--	--	--
518	14E+35	25.14 RT	--	4-FT	J	719.37	--	6.27	518	521	521	18-INCH	160	165	0.52%	712.03	711.20	--	--	--
519	14E+35	36.15 RT	--	2X2.5-FT	WM	719.17	--	4.41	519	518	518	15-INCH	8	11	1.42%	713.68	713.47	--	--	--
520	15E+30	80.25 LT	--	--	--	--	--	0.00	PIPE END	521	521	30-INCH	119	122	1.03%	713.00	711.78	1	--	--
521	16E+00	30.60 RT	7-FT	--	J	716.37	--	5.28	OUTFALL	522	522	30-INCH	62	65	1.08%	710.04	709.39	--	--	--
522	16E+35	86.00 RT	--	2X2.5-FT	WM	--	--	0.00	OUTFALL	523	523	15-INCH	28	30	1.07%	709.39	709.54	1	--	--
523	16E+70	46.00 LT	--	2X2.5-FT	WM	714.90	--	3.32	524	525	525	15-INCH	23	25	1.09%	709.04	708.79	--	--	--
524	16E+70	16.00 LT	--	2X2.5-FT	WM	714.88	--	4.68	525	526	526	15-INCH	21	24	1.14%	708.29	708.05	--	--	--
525	16E+70	8.80 RT	--	2X2.5-FT	WM	714.88	--	5.41	526	531	531	18-INCH	231	235	1.02%	706.55	704.20	--	--	--
526	16E+70	33.00 RT	4-FT	--	J	715.10	--	7.48	527	526	526	15-INCH	8	11	1.38%	708.66	708.55	--	--	--
527	16E+70	44.00 RT	--	2X2.5-FT	WM	714.90	--	5.06	528	529	529	15-INCH	33	35	1.06%	706.41	706.06	--	--	--
528	19E+05	46.00 LT	--	2X2.5-FT	WM	710.63	--	3.04	529	530	530	15-INCH	8	10	1.25%	705.66	705.56	--	--	--
529	19E+05	10.77 LT	--	2X2.5-FT	WM	710.61	--	3.77	530	531	531	15-INCH	33	36	1.09%	705.06	704.70	--	--	--
530	19E+05	1.18 LT	--	2X2.5-FT	WM	710.13	--	3.89	531	536	536	18-INCH	291	295	1.02%	702.70	699.75	--	--	--
531	19E+05	35.00 RT	4-FT	--	J	710.83	--	7.06	532	531	531	15-INCH	8	11	1.37%	704.81	704.70	--	--	--
532	19E+05	46.00 RT	--	2X2.5-FT	WM	710.63	--	4.64	533	545	545	15-INCH	28	30	1.09%	702.50	702.20	--	--	--
533	22E+00	46.00 LT	--	2X2.5-FT	WM	707.20	--	3.52	534	546	546	15-INCH	28	30	1.45%	702.18	701.78	--	--	--
534	22E+00	8.00 LT	--	2X2.5-FT	WM	707.12	--	3.76	535	547	547	15-INCH	28	30	1.09%	701.68	701.38	--	--	--
535	22E+00	16.00 RT	--	2X2.5-FT	WM	707.28	--	4.42	536	548	548	24-INCH	25	30	1.40%	689.25	688.90	--	--	--
536	22E+00	35.00 RT	5-FT	--	J	707.40	--	7.06	537	536	536	15-INCH	8	11	1.47%	702.00	701.69	--	--	--
537	22E+00	46.00 RT	--	2X2.5-FT	WM	707.20	--	4.02	PIPE END	540	544	42-INCH	147	150	0.44%	695.00	694.36	1	--	--
538	22E+48	115.00 LT	7-FT	--	J	707.44	--	13.44	OUTFALL	540	544	42-INCH	82	85	0.69%	692.93	692.37	--	--	--
540	22E+75	35.00 RT	--	--	--	--	--	0.00	OUTFALL	545	546	15-INCH	29	32	1.10%	702.00	701.68	1	--	--
544	22E+92	118.50 RT	--	--	--	--	--	0.00	OUTFALL	546	547	15-INCH	27	30	1.11%	701.58	701.28	--	--	--
545	22E+30	46.00 LT	--	2.5X3-FT	WM	707.17	--	3.99	547	548	548	18-INCH	15	19	1.33%	700.75	700.55	--	--	--
546	22E+30	10.20 LT	--	2.5X3-FT	WM	707.14	--	4.38	548	549	549	24-INCH	39	45	1.15%	698.70	698.25	--	--	--
547	22E+30	16.00 RT	--	2.5X3-FT	WM	707.25	--	5.32	549	548	548	15-INCH	7	11	1.57%	701.80	701.69	--	--	--
548	22E+30	35.00 RT	5-FT	--	J	707.37	--	7.60	550	545	545	15-INCH	17	20	1.18%	702.40	702.20	--	--	--
549	22E+30	46.00 RT	--	2.5X3-FT	WM	707.17	--	4.19	551	546	546	15-INCH	17	20	1.18%	701.98	701.78	--	--	--
550	22E+50	46.00 LT	--	2.5X3-FT	WM	707.18	--	3.60	552	547	547	15-INCH	17	20	1.18%	701.58	701.38	--	--	--
551	22E+50	13.00 LT	--	2.5X3-FT	WM	707.26	--	4.02	553	549	549	15-INCH	17	20	1.18%	702.10	701.90	--	--	--
552	22E+50	16.00 RT	--	2.5X3-FT	WM	707.26	--	4.50	554	555	555	15-INCH	27	30	1.11%	704.72	704.42	--	--	--
553	22E+50	46.00 RT	--	2.5X3-FT	WM	707.18	--	3.90	555	556	556	15-INCH	29	32	1.10%	703.92	703.60	--	--	--
554	26E+00	46.00 LT	--	2X2.5-FT	WM	709.33	--	3.43	556	557	557	15-INCH	35	38	1.10%	703.10	702.72	--	--	--
555	26E+00	16.00 LT	--	2X2.5-FT	WM	709.97	--	4.67	OUTFALL	559	559	15-INCH	90	92	3.78%	695.00	691.60	1	--	--
556	26E+00	16.00 RT	--	2X2.5-FT	WM	709.97	--	5.69	OUTFALL	559	559	15-INCH	148	152	1.03%	702.88	701.36	--	--	--
557	26E+00	54.15 RT	4-FT	--	WM	709.25	--	13.07	560	559	559	15-INCH	66	70	1.06%	704.08	703.38	--	--	--
558	26E+00	146.50 RT	--	--	--	--	--	0.00	561	560	560	15-INCH	1	5	5.00%	704.63	704.58	--	--	--
559	27E+70	44.00 RT	4-FT	--	WM	710.76	--	6.70	562	564	564	15-INCH	7	9	1.14%	705.22	705.14	--	--	--
560	161EC+00	14.00 LT	4-FT	--	WM	710.15	--	4.89	563	563	563	15-INCH	88	91	1.03%	706.00	705.09	--	--	--
561	161EC+03	1.00 LT	4-FT	--	WM	710.40	--	4.59	564	566	566	15-INCH	14	17	1.50%	704.64	704.43	--	--	--
562	162ED+55	9.84 LT	--	2X2.5-FT	WM	711.96	--	4.56	565	565	565	15-INCH	84	88	1.03%	705.50	705.50	--	--	--
563	28E+44	46.00 RT	--	2X2.5-FT	WM	711.83	--	4.65	566	566	566	15-INCH	71	74	1.05%	705.50	704.76	--	--	--
564	28E+44	1.00 LT	--	2X2.5-FT	WM	711.24	--	5.42	566	566	566	15-INCH	71	74	1.05%	705.50	704.76	--	--	--
565	28E+65	46.00 LT	--	2.5X3-FT	WM	711.70	--	5.02	566	566	566	15-INCH	71	74	1.05%	705.50	704.76	--	--	--

(CONTINUED ON NEXT SHEET)

STORM SEWER ITEMS (CONTINUED)

633.5200 522.1018 522.1024 522.1030 522.1036 522.1042

STRUCTURE NUMBER	STAGE	STATION	OFFSET FEET	STRUCTURE TYPE	COVER TYPE	RM ELEV	STR DEPTH FT	FROM STR	TO STR	SIZE	PIPE LENGTH FEET	PLAN LENGTH FEET	SLOPE	INVERT ELEVATION		DISCHARGE	APRON ENDWALLS FOR CULVERT				MARKERS CULVERT END
														MANHOLE	INLET		18-INCH EACH	24-INCH EACH	30-INCH EACH	36-INCH EACH	

566		162ED+54	16.00 RT	--	4-FT	WM	710.96	566	569	18-INCH	124	126	2.10%	702.78	700.17	700.17	--	--	--	--	--
567		28E+88	6.00 LT	--	2.5X3-FT	WM	712.33	567	565	15-INCH	47	50	1.06%	707.00	706.50	706.50	--	--	--	--	--
567A		28E+13	0.00 RT	--	2.5X3-FT	WM	711.70	567A	567	15-INCH	72	75	0.49%	707.45	707.10	707.10	--	--	--	--	--
568		28E+88	12.70 RT	--	2X2.5-FT	WM	712.46	568	567	15-INCH	11	14	1.27%	707.49	707.35	707.35	--	--	--	--	--
569		163ED+60	114.00 RT	--	--	--	--	OUTFALL	--	--	--	--	--	700.17	--	--	--	--	--	--	--
570		29E+72	46.00 RT	--	2.5X3-FT	WM	712.73	570	563	15-INCH	127	130	1.02%	707.73	706.43	706.43	--	--	--	--	--
571		30E+58	46.00 LT	--	2.5X3-FT	WM	713.50	571	565	15-INCH	190	193	1.02%	708.08	706.15	706.15	--	--	--	--	--
572		33E+35	45.50 RT	--	2X2.5-FT	WM	715.98	572	572A	15-INCH	39	42	0.99%	710.60	710.21	710.21	--	--	--	--	--
572A		33E+35	4.00 RT	--	2.5X3-FT	WM	716.67	572A	573	15-INCH	37	40	1.00%	710.11	709.74	709.74	--	--	--	--	--
573		33E+75	4.00 RT	--	2.5X3-FT	WM	716.87	573	574	18-INCH	45	48	0.98%	709.49	709.05	709.05	--	--	--	--	--
573A		33E+75	46.00 LT	--	2X2.5-FT	WM	716.33	573A	573B	15-INCH	31	33	0.98%	711.50	711.20	711.20	--	--	--	--	--
573B		33E+75	13.50 LT	--	2X2.5-FT	WM	716.94	573B	573	15-INCH	16	18	0.97%	711.10	710.95	710.95	--	--	--	--	--
574		33E+75	52.00 RT	--	J	J	717.13	574	575	18-INCH	160	162	0.97%	708.05	706.50	706.50	--	--	--	--	--
575		165EB+00	70.00 RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	706.50	--	--	--	--	--	--	--
1165		31E+08	141.20 LT	--	--	--	0.00	1165	1164	24-INCH	2	4	5.00%	684.00	663.90	663.90	--	--	--	--	--
1164		31E+05	138.90 LT	--	MEDIAN 2	2-MS	687.25	1164	1153	36-INCH	656	658	0.32%	683.25	681.18	681.18	--	--	--	--	--
1153		25E+90	272.00 RT	--	--	--	0.00	OUTFALL	--	--	--	--	--	681.18	--	--	--	--	--	--	--
27TH STREET																					
500		810T+41	69.50 LT	--	EXIST	EXIST	724.60	500	EXIST	--	--	--	--	--	--	722.70	722.70	--	--	--	--
501		810T+21	68.33 LT	--	3-FT	WM	725.56	501	500	12-INCH	18	20	0.57%	722.80	722.70	722.70	--	--	--	--	--

TOTALS

30 \* 4 \* 18 3 1 \* 1

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Revised Sheet 374  
July 3, 2018

**STORM SEWER STRUCTURE QUANTITIES**

CATEGORY	ROADWAY	STAGE	MANHOLES 4-FT DIAMETER EACH	MANHOLES 5-FT DIAMETER EACH	MANHOLES 6-FT DIAMETER EACH	MANHOLES 7-FT DIAMETER EACH	INLETS 3-FT DIAMETER EACH	INLETS 4-FT DIAMETER EACH	INLETS 2X2.5-FT EACH	INLETS 2.5X3-FT EACH	611.2004	611.2005	611.2006	611.2007	611.3003	611.3004	611.3225	611.3253	611.3902	611.0530	611.0542	611.0654	611.0660	
1000	JH94		-	27	1	-	21	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	RAMP EA		-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	97	-	-
	RAMP EB		-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-
	RAMP EC		-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	1	2	3	-	-
	ELM ROAD		10	2	-	2	-	3	29	16	-	-	-	-	-	-	-	-	-	10	2	-	-	52
	27TH STREET		-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
<b>TOTALS</b>			<b>10</b>	<b>30</b>	<b>1</b>	<b>2</b>	<b>23</b>	<b>52</b>	<b>29</b>	<b>17</b>	<b>3</b>	<b>11</b>	<b>6</b>	<b>101</b>	<b>53</b>									

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

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ID 1030-20-87  
Revised Sheet 375  
July 3, 2018

**FASTENING SEWER ACCESS COVERS**

CATEGORY	STAGE	ROADWAY	STATION TO STATION	COVERS EACH
1000	1C	JH94 NB	117+50 - 220+00	4
	2	JH94 SB	131+34 - 132+82	2
			135+67 - 194+00	29
			196+25 - 217+25	12
<b>TOTAL</b>				<b>47</b>

**DRAIN TILE**

CATEGORY	LOCATION	REMOVING DRAIN TILE LF	CONCRETE CLASS V 12-INCH LF	PIPE REINFORCED	STORM SEWER	608.0512	611.0530	612.0700	SPV.0200.0012	SPV.0060.0016
1000	UNDISTRIBUTED	300	300	2	2	500	500	20	4	
<b>TOTAL</b>		<b>300</b>	<b>300</b>	<b>2</b>	<b>2</b>	<b>500</b>	<b>500</b>	<b>20</b>	<b>4</b>	

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

**STORM SEWER PIPE QUANTITIES**

CATEGORY	ROADWAY	STAGE	STORM SEWER PIPE REINFORCED				CONCRETE CLASS IV	42-INCH
			15-INCH	18-INCH	24-INCH	30-INCH		
LF	LF	LF	LF	LF	LF	LF	LF	
1000	HWY 94		313	55	7,445	100	-	-
	RAMPEA		47	-	-	-	-	-
	RAMPEB		-	70	-	40	-	-
	RAMPEC		9	-	149	-	-	-
	ELM ROAD		2,025	1,377	79	187	658	235
	27TH STREET		20	-	-	-	-	-
<b>TOTALS</b>			<b>2,413</b>	<b>1,502</b>	<b>7,673</b>	<b>327</b>	<b>658</b>	<b>235</b>

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

**ADJUSTING INLET COVERS**

CATEGORY	STAGE	ROADWAY	STATION	ADJUSTING INLET COVERS
EACH	EACH			
1000	1A	HWY 94 NB OVERLAY		
		189+55		1
		200+75		1
		203+00		1
		205+30		1
		207+50		1
		212+50		1
		215+00		1
		217+50		1
		220+00		1
1C		217+50		2
		220+00		2
<b>TOTALS</b>				<b>13</b>

**RECONNECT STORM SEWER**

CATEGORY	ROADWAY	STATION	RECONNECT STORM SEWER
EACH			EACH
1000	HWY 94		
		136+50	1
		139+00	1
		141+75	1
		197+00	1
		200+00	1
		203+00	1
		205+30	1
		207+55	1
		27TH STREET	1
		8+10T+41	1
		<b>TOTALS</b>	<b>9</b>

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

**PIPE UNDERDRAIN ITEMS**

CATEGORY	STAGE	LOCATION	STATION TO STATION	OFFSET	LF	GEOTEXTILE TYPE DF SCHEDULE A
1000	2	HWY 94 NB			2,350	645,0111
			159+75 - 171+50	RT	2,350	66
		HWY 94 SB				2,573
			131+34 - 132+82	MED	148	66
			136+10 - 194+00	MED	5,790	933
			196+25 - 217+25	MED	2,100	295
			139+00 - 145+64	LT	664	957
			150+46 - 172+00	LT	2,154	248
			188+50 - 194+07	LT	557	188
			196+03 - 200+25	LT	422	
		RAMPEA				57
			174EA+00 - 175EA+28	LT	128	
		RAMPEC				216
			145EC+64 - 150EC+50	LT	486	22
			151EC+00 - 151EC+50	RT	50	
		ELM ROAD				867
			10E+50 - 30E+00	LT	1,950	867
			10E+50 - 30E+00	RT	1,950	133
			10E+50 - 13E+50	MED	300	511
			13E+50 - 28E+00	MED	1,150	67
			13E+50 - 25E+00	MED	1,150	
			25E+00 - 28E+50	MED	150	
		STAGE 2 SUBTOTAL			21,499	9,555
	3	HWY 94 SB				122
			217+25 - 220+00	MED	275	
		STAGE 3 SUBTOTAL			275	122
	4	HWY 94 NB				83
			131+34 - 133+20	RT	186	258
			136+40 - 142+20	RT	580	547
			196+20 - 208+50	RT	1,230	
		RAMPEA				22
			165EB+00 - 165EA+50	LT	50	
		ELM ROAD				66
			33E+44 - 34E+02	LT	148	66
			33E+44 - 34E+02	RT	148	
		STAGE 4 SUBTOTAL			2,342	1,041
		TOTALS			24,116	10,718

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ID 1030-20-87  
Revised Sheet 376  
July 3, 2018

PROJECT NO: 1030-20-87

HWY: IH 94

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 376

FILE NAME: S:\FinalDesign\MIL10302087\_ERRoads\cds\930202\_mil\_dra.ppt

PLOT DATE: 0/26/2018 5:31:49 PM

PLOT BY: MSCGEJ

PLOT NAME: 1030202\_mil\_dra#8

PLOT SCALE: 1:1

CROSS CULVERT ITEMS

CATEGORY	ROADWAY	STATION	INLET END OFFSET	ELEV	DISCHARGE END STATION	OFFSET	ELEV	SLOPE	522.0412		522.0436		522.0554		522.1018		522.1012		522.1036		522.1018		522.2429		522.2629						
									12-INCH CLASS IV	18-INCH CLASS III	36-INCH CLASS IV	54-INCH CLASS V	12-INCH CLASS IV	18-INCH CLASS III	36-INCH CLASS IV	54-INCH CLASS V	12-INCH CLASS IV	18-INCH CLASS III	36-INCH CLASS IV	54-INCH CLASS V	12-INCH CLASS IV	18-INCH CLASS III	36-INCH CLASS IV	54-INCH CLASS V	12-INCH CLASS IV	18-INCH CLASS III	36-INCH CLASS IV	54-INCH CLASS V	29X45-INCH HORIZONTAL ELLIPTICAL CLASS HE-IV	29X45-INCH HORIZONTAL ELLIPTICAL CLASS HE-IV	29X45-INCH HORIZONTAL ELLIPTICAL CLASS HE-IV
1000	RAMP EE	151EB+92	54.1' RT	676.00	151EB+35	52.4' RT	674.75	2.27%	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	55	2	2	2	2			
		158EB+71	98.3' LT	680.00	156EB+54	58.1' RT	677.00	1.12%	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	269	
		158EB+78	89.5' LT	680.00	156EB+62	65.7' RT	677.00	1.12%	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	
		168EA+50	91.6' RT	695.00	163EB+47	168.0' LT	690.00	1.16%	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	430	
		ELM ROAD	27E+36	156.0' LT	683.08	25E+78	251.0' RT	681.26	0.42%	--	--	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	
		OAKWOOD ROAD	17KW+34	23.0' LT	707.95	17KW+55	24.0' LT	707.77	0.82%	--	--	--	--	--	--	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
			18KW+70	27.0' LT	704.70	18KW+55	30.0' RT	704.40	0.53%	--	--	--	--	--	--	--	--	--	--	--	--	--	--	57	2	2	2	2	2	2	
		27TH STREET	811T+00	4.0' RT	724.90	809T+00	4.5' LT	724.10	0.40%	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
TOTALS									200	22	965	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437

NOTES  
 1) STATION OFFSETS SHOWN ARE TO THE CENTER OF INLET STRUCTURES OR END OF PIPE (NOT THE APRON END OF ENDWALLS)  
 2) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. PIPE JOINTS SHALL BE TIED FOR THE LAST THREE JOINTS  
 AT PIPE ENDS. THE COST OF THE JOINT TIES SHALL BE INCLUDED IN THE PIPE BID ITEMS.

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE - SEE STORM SEWER TABLE

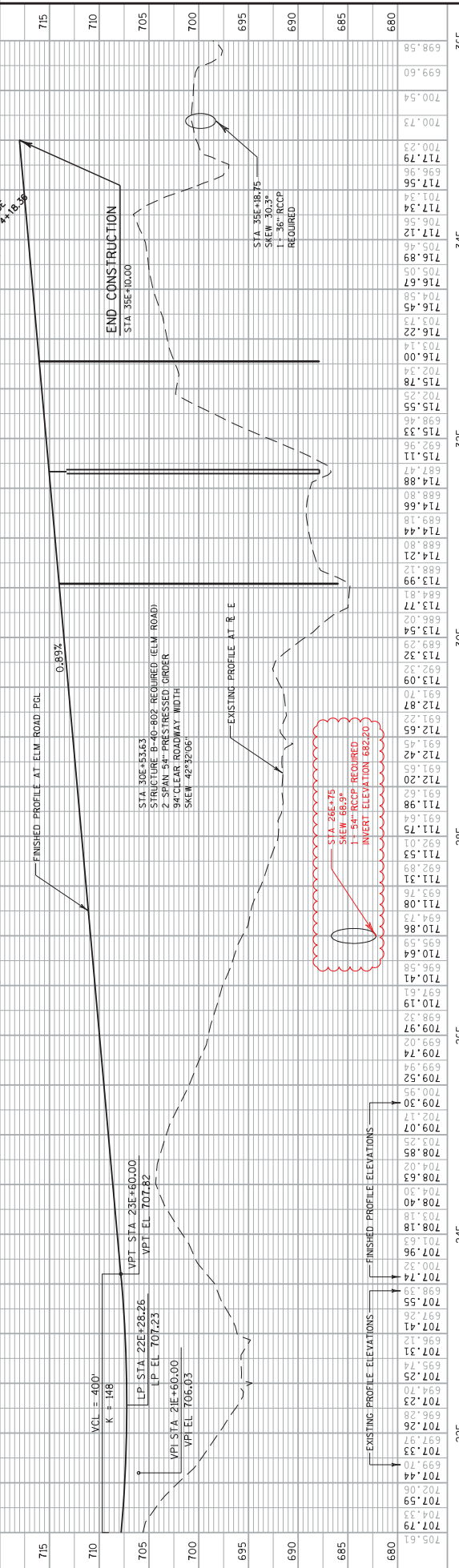
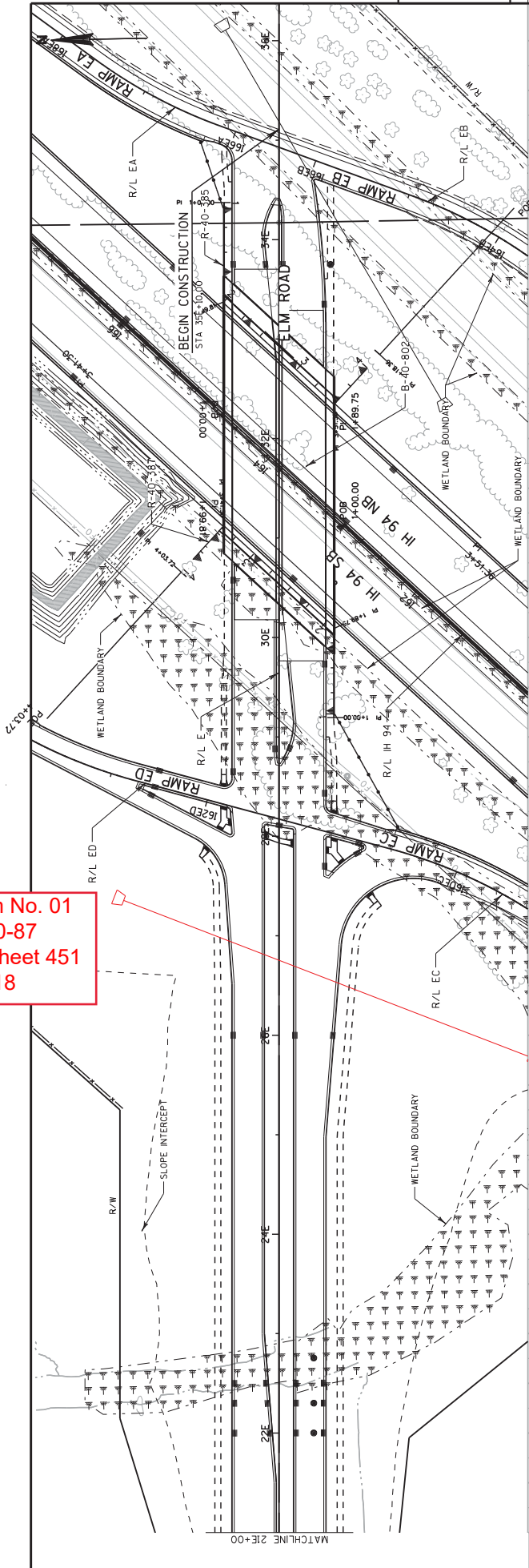
Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 377  
 July 3, 2018

TEMPORARY STORM SEWER

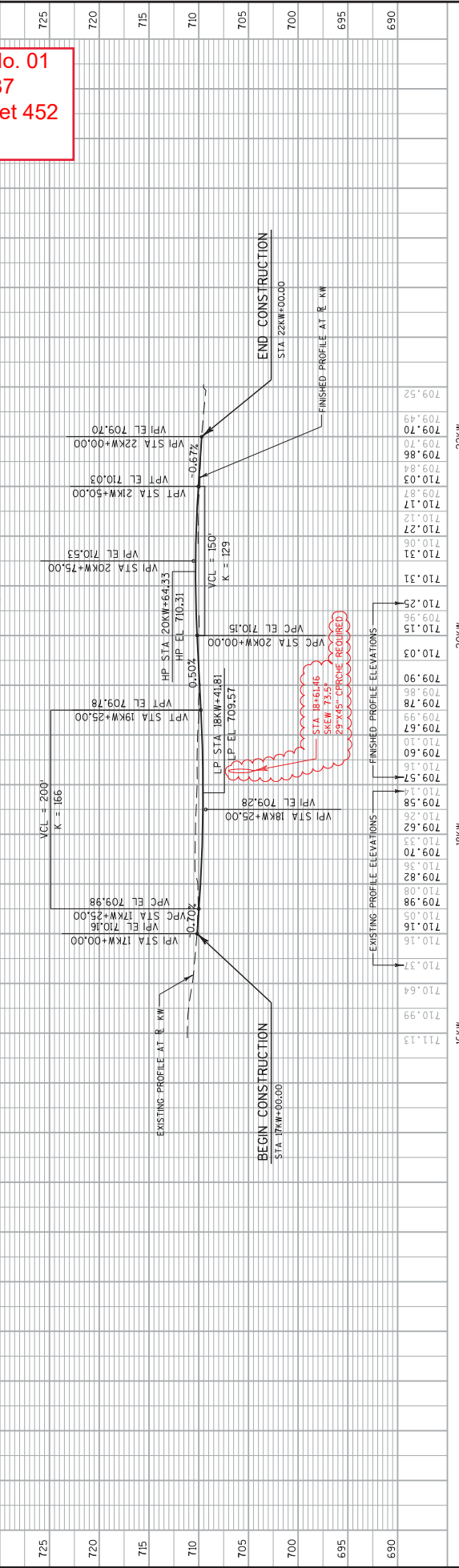
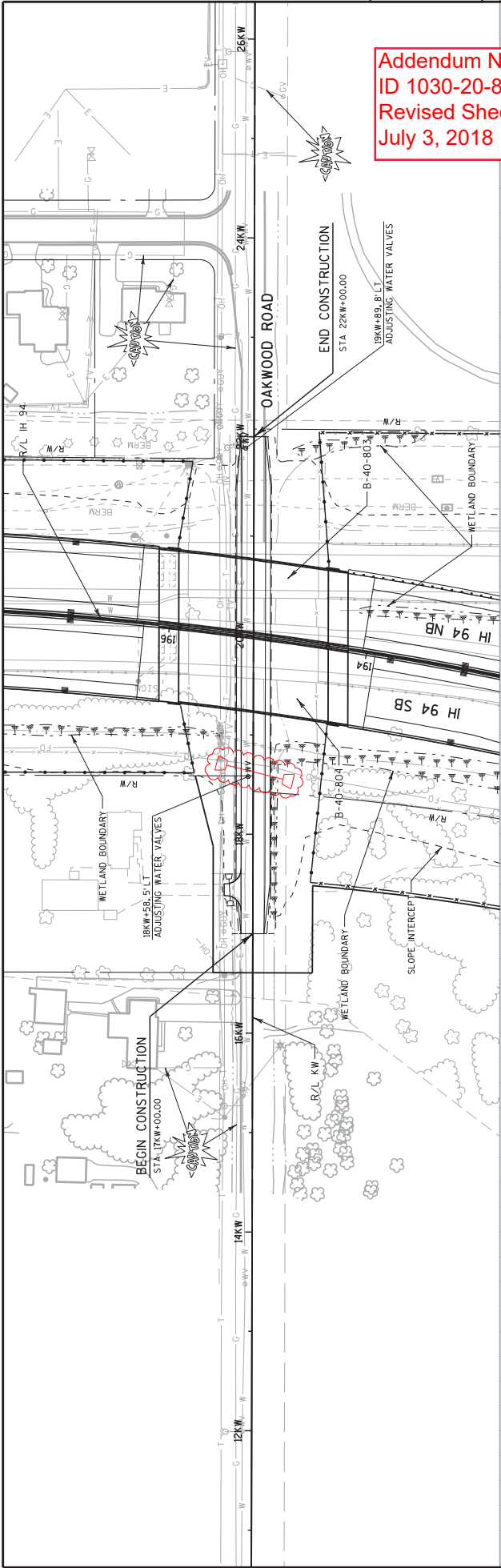
CATEGORY	STAGE	ROADWAY	STATION	FROM OFFSET	TO STATION	OFFSET	PIPE LENGTH	DISCHARGE	SLOPE	520.8000		522.1018		608.0418		NOTES	
										CONCRETE COLLARS FOR PIPE	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE	CONCRETE COLLARS FOR PIPE	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE	CONCRETE COLLARS FOR PIPE	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE		
1000	1	H 94 NB WIDENING	1132+62	70' LT	1132+61	99' LT	29	670.1	0.3%	1	1	1	1	1	1	29	CONNECT TEMP. PIPE TO EXIST. 18-INCH PIPE END
			1204+16	50' LT	1204+17	55' LT	6	712.9	0.3%	1	1	1	1	1	1	6	CONNECT TEMP. PIPE TO EXIST. 18-INCH PIPE END
			1211+21	47' LT	1211+21	62' LT	15	705.7	0.3%	1	1	1	1	1	1	15	CONNECT TEMP. PIPE TO EXIST. 18-INCH PIPE END
			1218+66	45' LT	1218+66	62' LT	18	702.3	0.3%	1	1	1	1	1	1	18	CONNECT TEMP. PIPE TO EXIST. 18-INCH PIPE END
			1221+14	45' LT	1221+13	62' LT	18	701.0	0.3%	1	1	1	1	1	1	18	CONNECT TEMP. PIPE TO EXIST. 18-INCH PIPE END
TOTALS										5	5	5	5	5	86		

\* A ADDITIONAL QUANTITIES LISTED ELSEWHERE  
 \*\* FIELD VERIFY EXISTING PIPE END LOCATION & DISCHARGE ELEVATION

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 451  
 July 3, 2018



Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 452  
 July 3, 2018



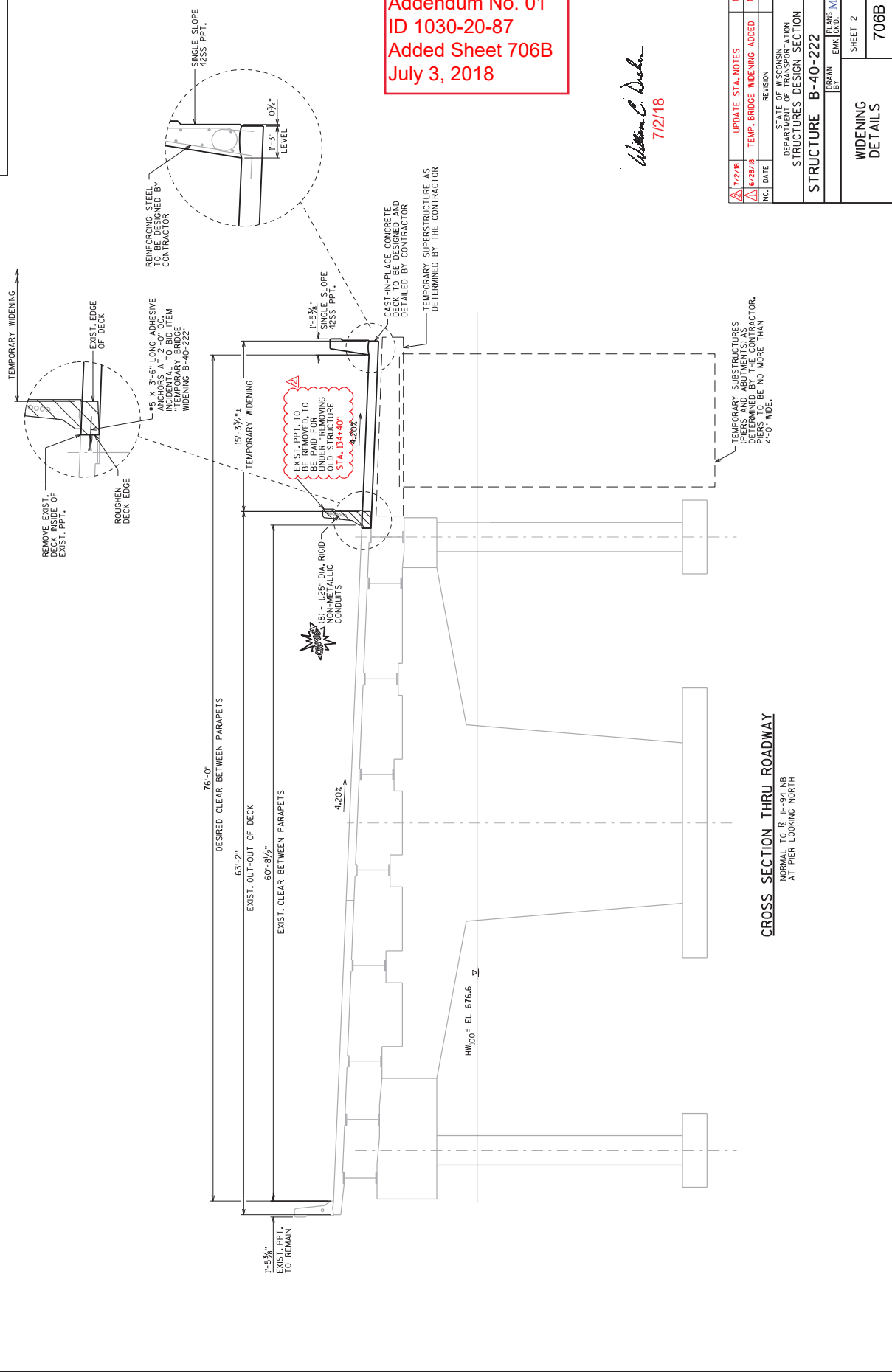




STATE PROJECT NUMBER  
1030-20-87

Addendum No. 01  
ID 1030-20-87  
Added Sheet 706B  
July 3, 2018

*William C. Decker*  
7/2/18



NO.	DATE	REVISION	BY
1	7/2/18	UPDATE STA. NOTES	MJK
2	6/28/18	TEMP. BRIDGE WIDENING ADDED	MJK

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
STRUCTURES DESIGN SECTION  
STRUCTURE B-40-222

DESIGNED BY: MJK  
CHECKED BY: MJK

WIDENING DETAILS  
SHEET 2  
706B

CROSS SECTION THRU ROADWAY  
NORMAL TO B-H-281 NB  
AT PIER LOOKING NORTH

SCALE = 1/8" = 1'-0"

STATE PROJECT NUMBER  
1030-20-87

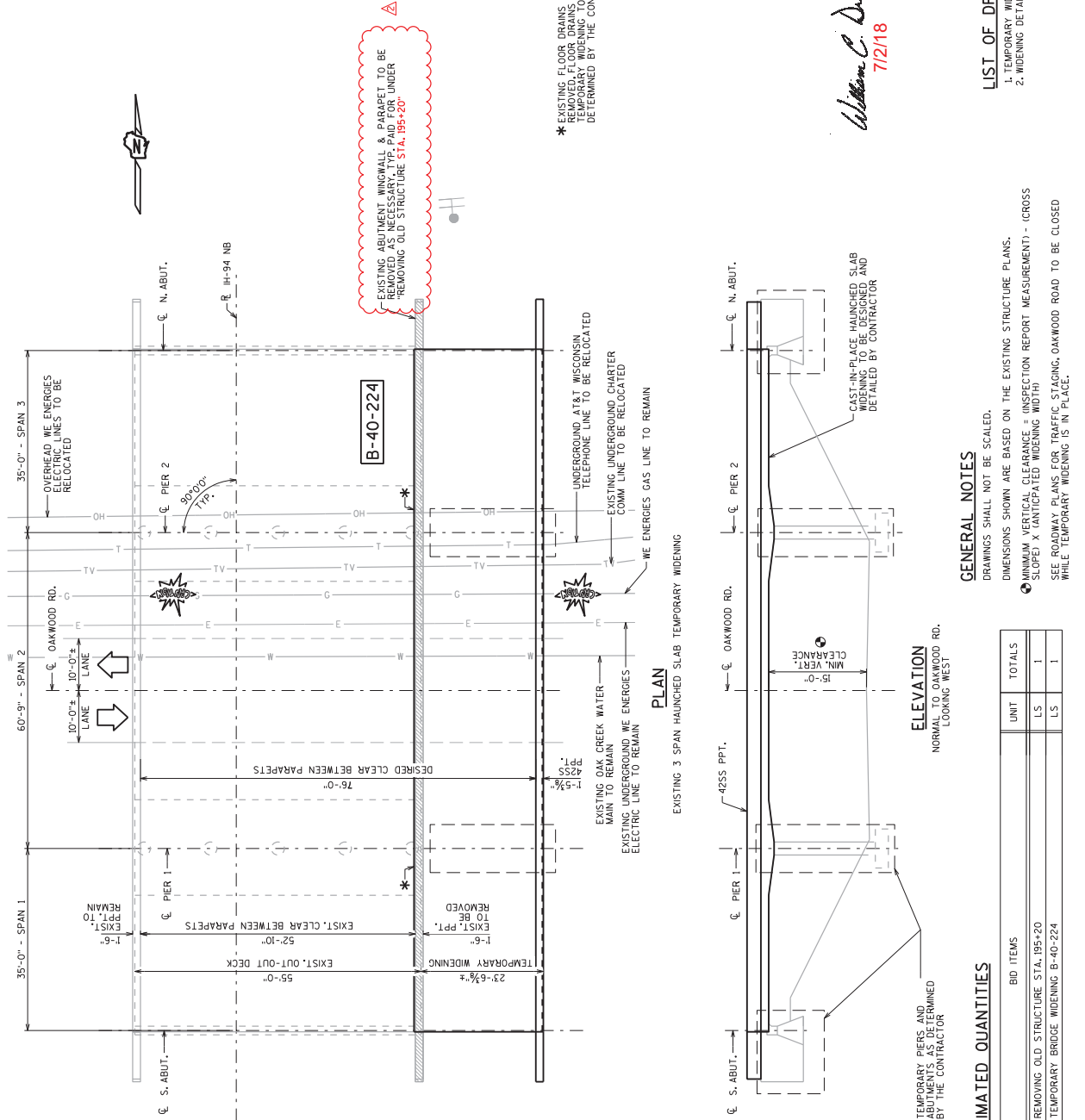
**DESIGN DATA**

MATERIAL PROPERTIES:  
CONCRETE MASONRY  $f_c = 4,000$  P.S.I.  
BAR STEEL REINFORCEMENT, GRADE 60  $f_y = 60,000$  P.S.I.

**TRAFFIC VOLUME**

IH-94  
ADT = 115,000 (2035)  
R.D.S. = 70 M.P.H.  
OAKWOOD RD.  
ADT = 3,900 (2035)  
R.D.S. = 40 M.P.H.

Addendum No. 01  
ID 1030-20-87  
Added Sheet 706C  
July 3, 2018



**LIST OF DRAWINGS**

- 1. TEMPORARY WIDENING
- 2. WIDENING DETAILS

**GENERAL NOTES**

DRAWINGS SHALL NOT BE SCALED.  
DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.  
MINIMUM VERTICAL CLEARANCE = (INTERSECTION REPORT MEASUREMENT) - (CROSS SLOPE) X (ANTICIPATED WIDENING WIDTH)  
SEE ROADWAY PLANS FOR TRAFFIC SIGNALING, OAKWOOD ROAD TO BE CLOSED WHILE TEMPORARY WIDENING IS IN PLACE.

**TOTAL ESTIMATED QUANTITIES**

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
203.0200.0007	REMOVING OLD STRUCTURE STA. 195+20	LS	1
SP4.005.4010	TEMPORARY BRIDGE WIDENING B-40-224	LS	1

STRUCTURE DESIGN CONTACTS:  
EMILY KUEHNE (608) 266-5089  
AARON BONK (608) 261-0261

NO.	DATE	REVISION	BY
1	7/2/18	UPDATE STA. NOTES	MJK
2	8/28/18	TEMP. BRIDGE WIDENING ADDED	MJK

**BUREAU OF STRUCTURES**  
6/1/18  
DATE

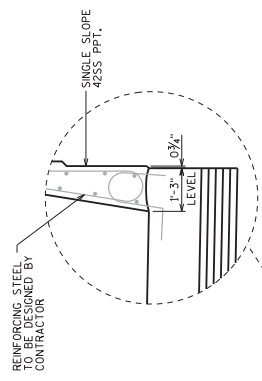
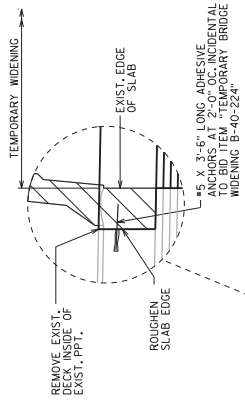
CHIEF STRUCTURES DESIGN ENGINEER  
STRUCTURE B-40-224

COUNTY MILWAUKEE CITY OAK CREEK  
DESIGN SPEC. WASHO LEFT BRIDGE DESIGN SPECIFICATIONS  
DESIGNED BY EMK (C.D.) EMK (C.D.) MJK (C.D.) MJK (C.D.)

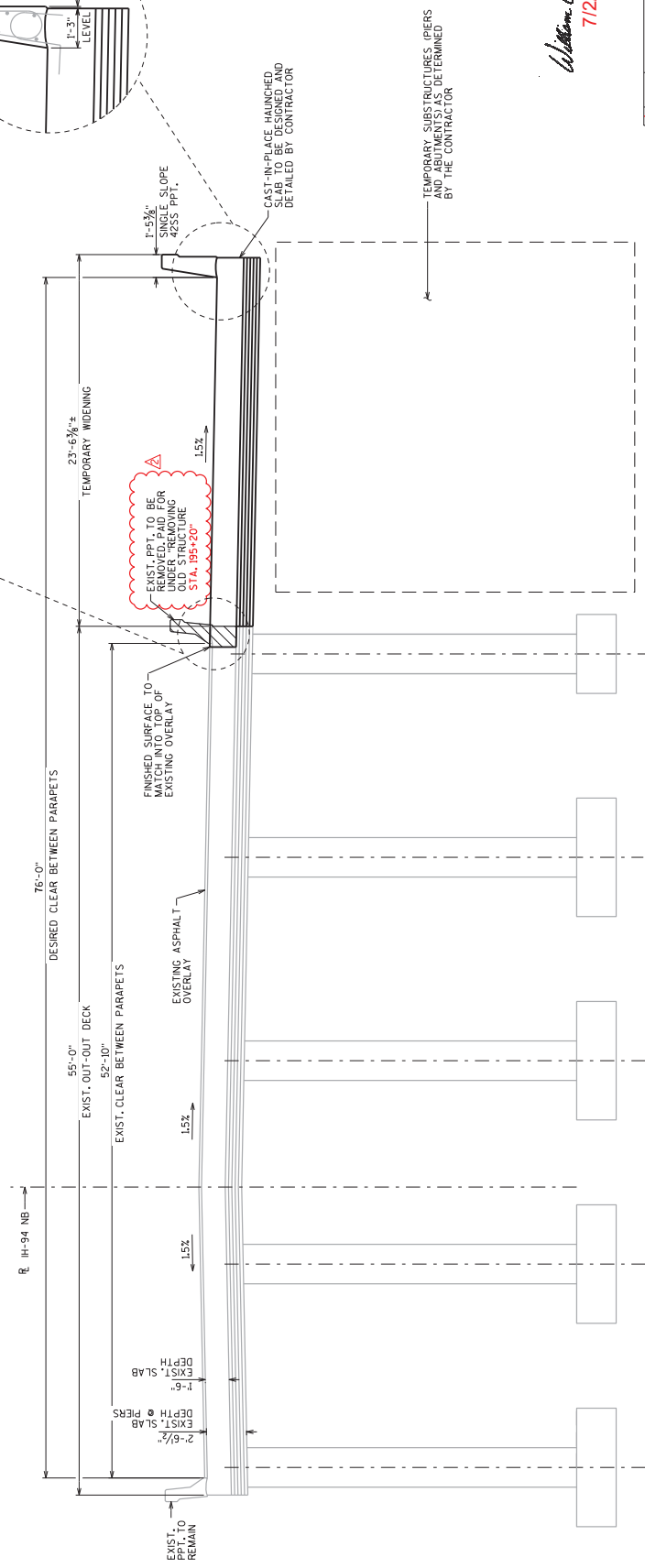
TEMPORARY WIDENING  
SHEET 1 OF 2  
706C

*William C. Dehn*  
7/2/18

STATE PROJECT NUMBER  
1030-20-87



Addendum No. 01  
ID 1030-20-87  
Added Sheet 706D  
July 3, 2018



*William C. Decker*  
7/2/18

1722/18	UPDATE STA. NOTES	MJK
6/28/18	TEMP. BRIDGE WIDENING ADDED	MJK
	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION		
STRUCTURE B-40-224		
BY	PLANS	MJK
BY	EMK	CTD.
SHEET 2		
WIDENING DETAILS		
706D		

CROSS SECTION THRU ROADWAY  
NORMAL TO R. IH-94 NB  
AT PIER LOOKING NORTH

SCALE 3/8"

8

8





Addendum No. 01  
ID 1030-20-87  
Revised Sheet 918  
July 3, 2018

(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				

(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	
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	269.15	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. 01  
ID 1030-20-87  
Revised Sheet 933  
July 3, 2018

(CONTINUED ON NEXT SHEET)



Addendum No. 01  
ID 1030-20-87  
Revised Sheet 934  
July 3, 2018

(CONTINUED)

Division 4 IH 94 NB

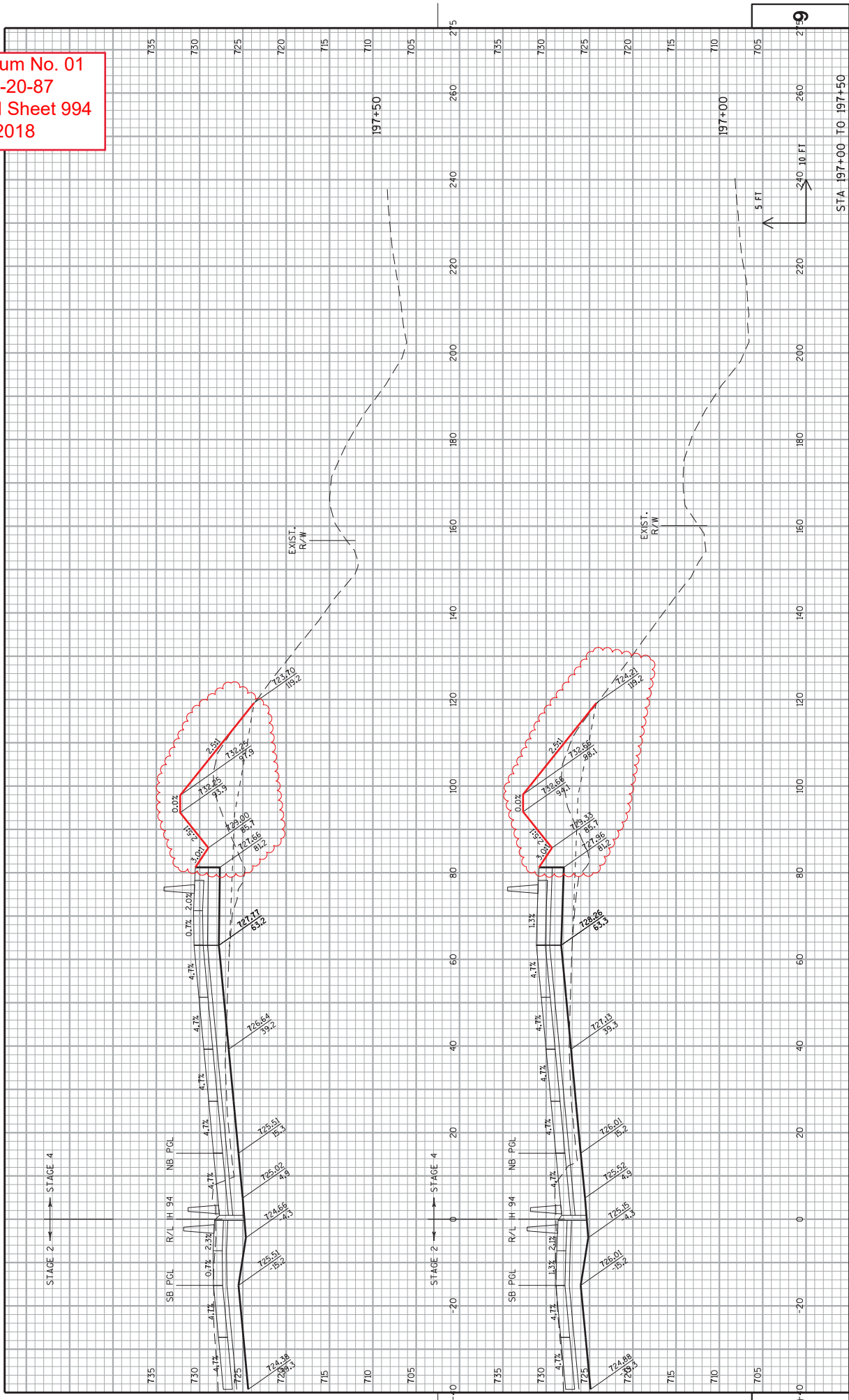
STATION	Real Station	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			Mass Ordinate
			Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	EBS	
215+50	21550.00	50.00	131.59	2.96	0.00	246.37	5.47	0.00	8263.05	5225.43	0.00	-4101.98
216+00	21600.00	50.00	132.58	3.02	0.00	244.60	5.54	0.00	8507.65	5230.97	0.00	-3862.92
216+50	21650.00	50.00	128.21	3.49	0.00	241.47	6.03	0.00	8749.13	5237.00	0.00	-3627.47
217+00	21700.00	50.00	125.60	3.71	0.00	235.01	6.67	0.00	8984.14	5243.66	0.00	-3399.13
217+50	21750.00	50.00	130.26	3.86	0.00	236.91	7.01	0.00	9221.04	5250.67	0.00	-3169.23
218+00	21800.00	50.00	132.10	3.47	0.00	242.93	6.79	0.00	9463.97	5257.46	0.00	-2933.09
218+50	21850.00	50.00	133.91	3.73	0.00	246.31	6.67	0.00	9710.28	5264.13	0.00	-2693.45
219+00	21900.00	50.00	137.24	3.87	0.00	251.06	7.04	0.00	9961.34	5271.16	0.00	-2449.43
219+50	21950.00	50.00	124.98	4.87	0.00	242.80	8.09	0.00	10204.14	5279.26	0.00	-2214.72
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	-1995.51

Column totals

19370.46 21365.97

0.00

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 994  
 July 3, 2018



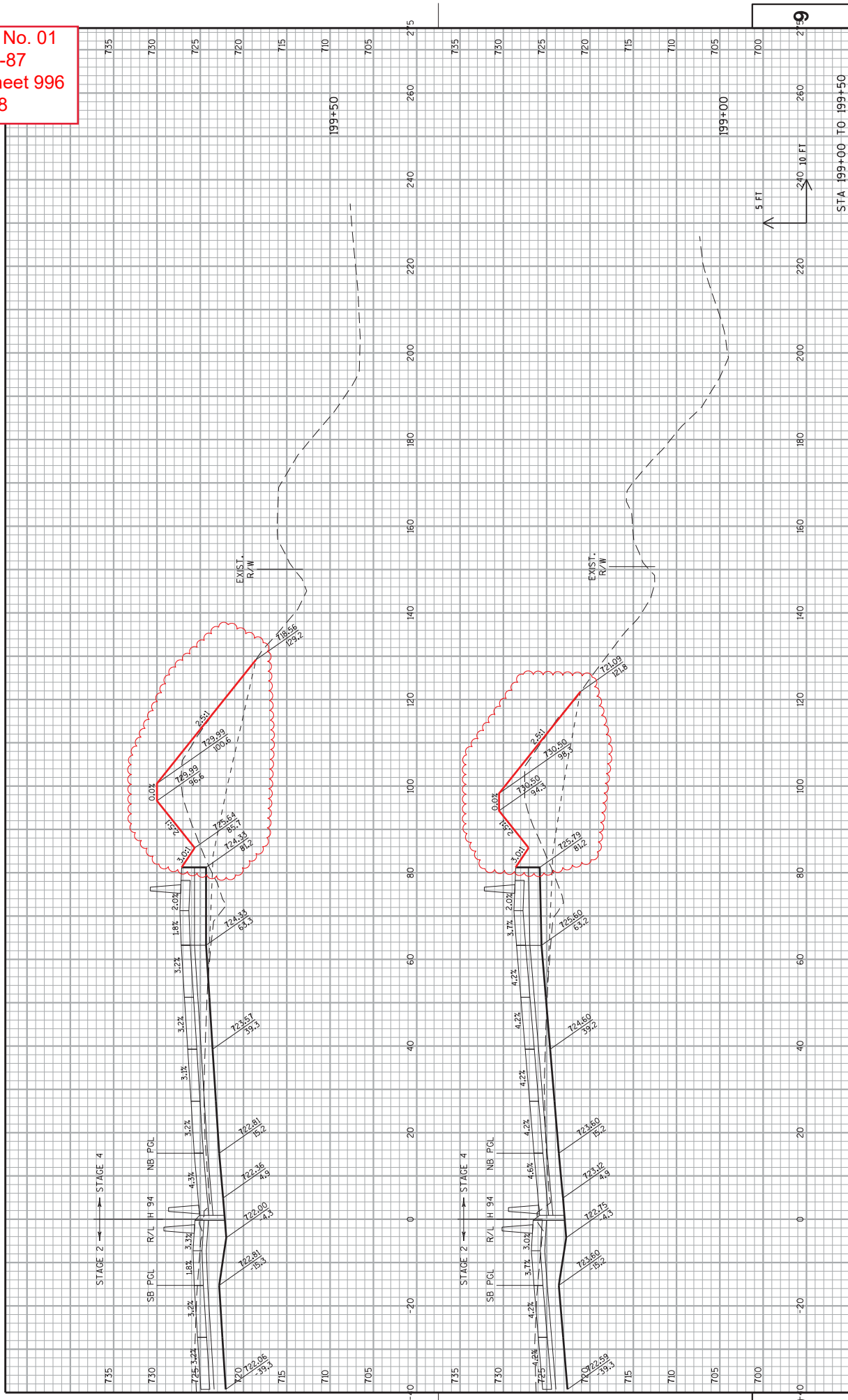
PROJECT NO: 1030-20-87  
 COUNTY: MILWAUKEE  
 HWY: IH 94  
 CROSS SECTIONS: IH 94 NB  
 SHEET 994  
 STA 197+00 TO 197+50

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 995  
 July 3, 2018

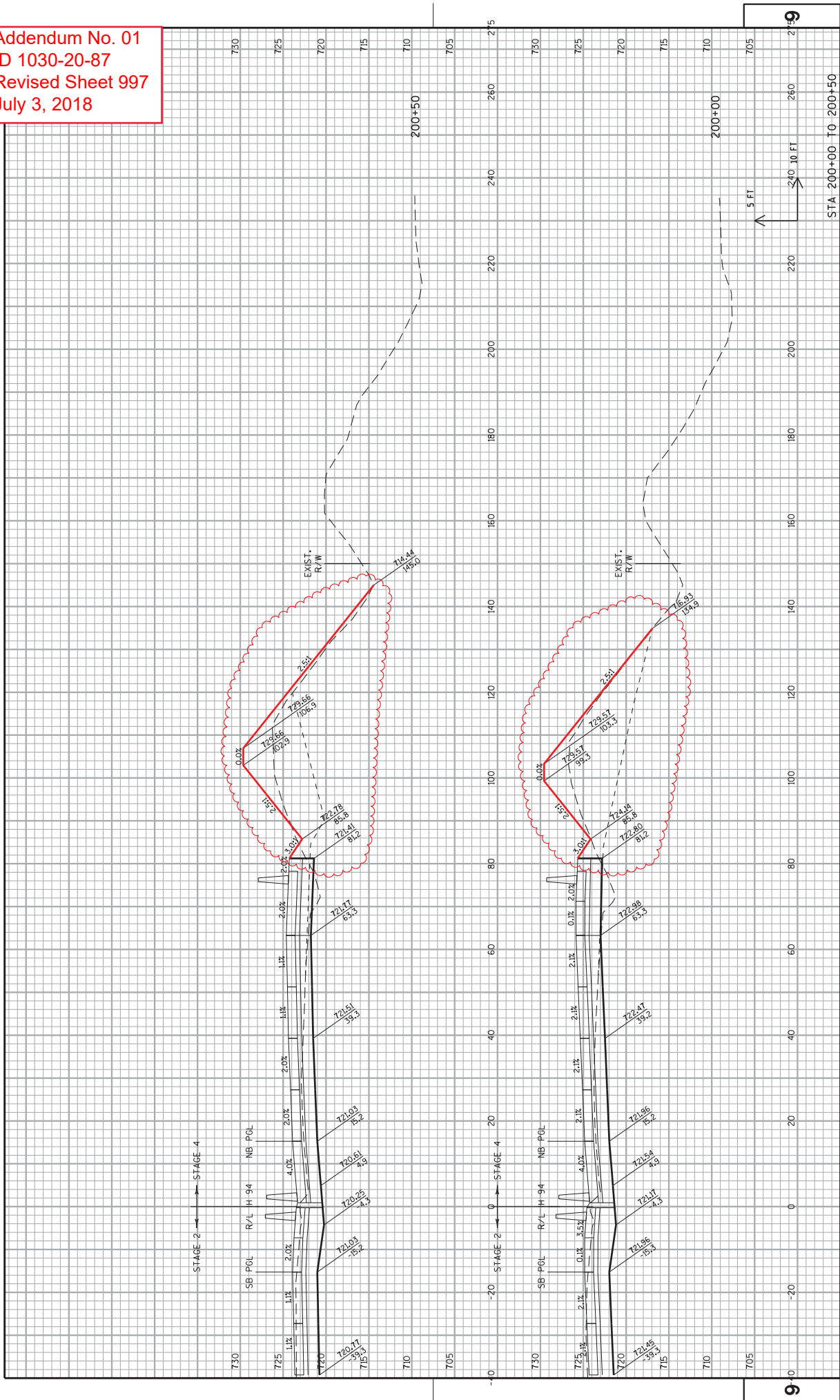


PROJECT NO: 1030-20-87  
 COUNTY: MILWAUKEE  
 HWY: IH 94  
 CROSS SECTIONS: IH 94 NB  
 SHEET 995  
 STA 198+00 TO 198+50  
 E

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 996  
 July 3, 2018

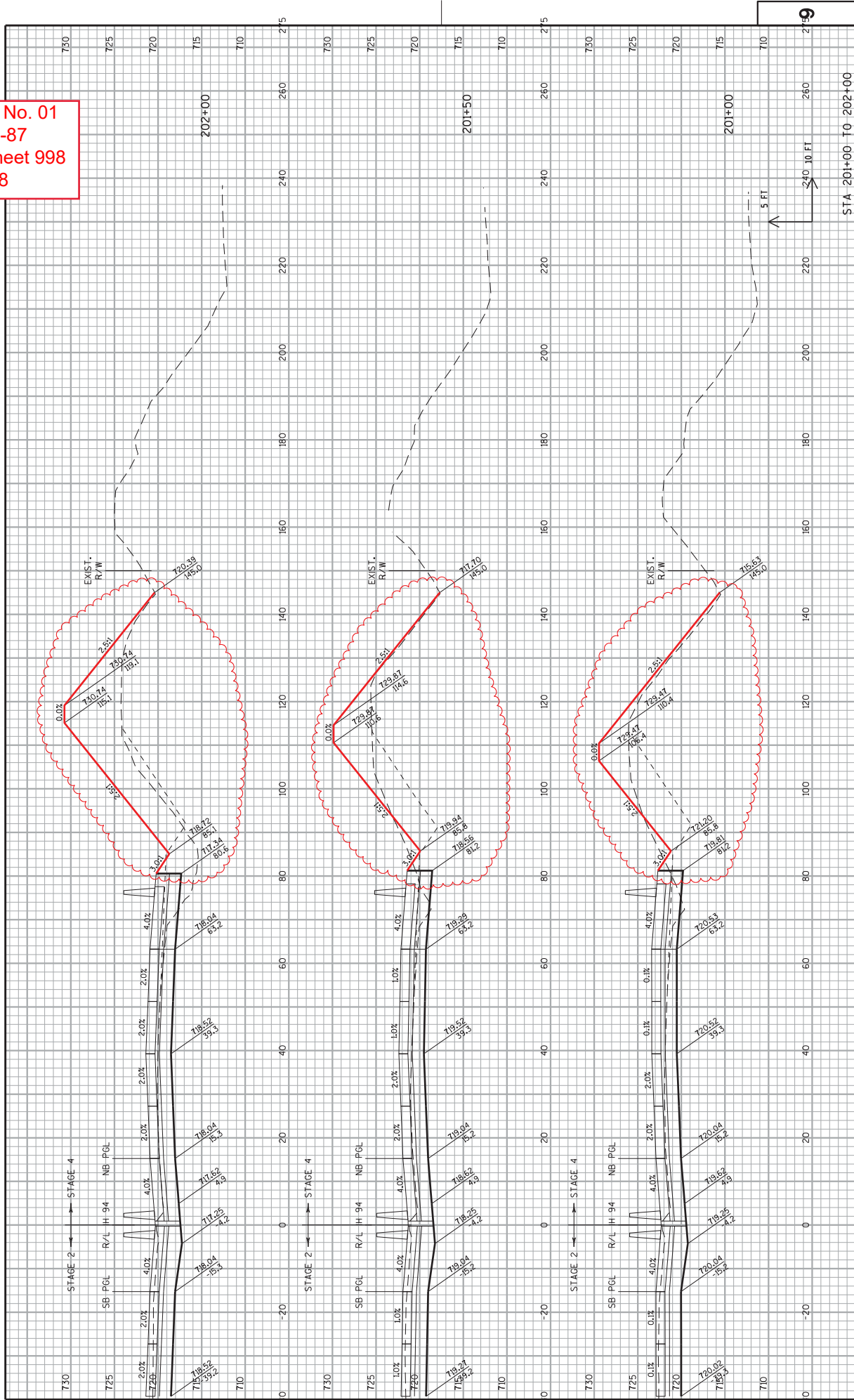


Addendum No. 01  
ID 1030-20-87  
Revised Sheet 997  
July 3, 2018



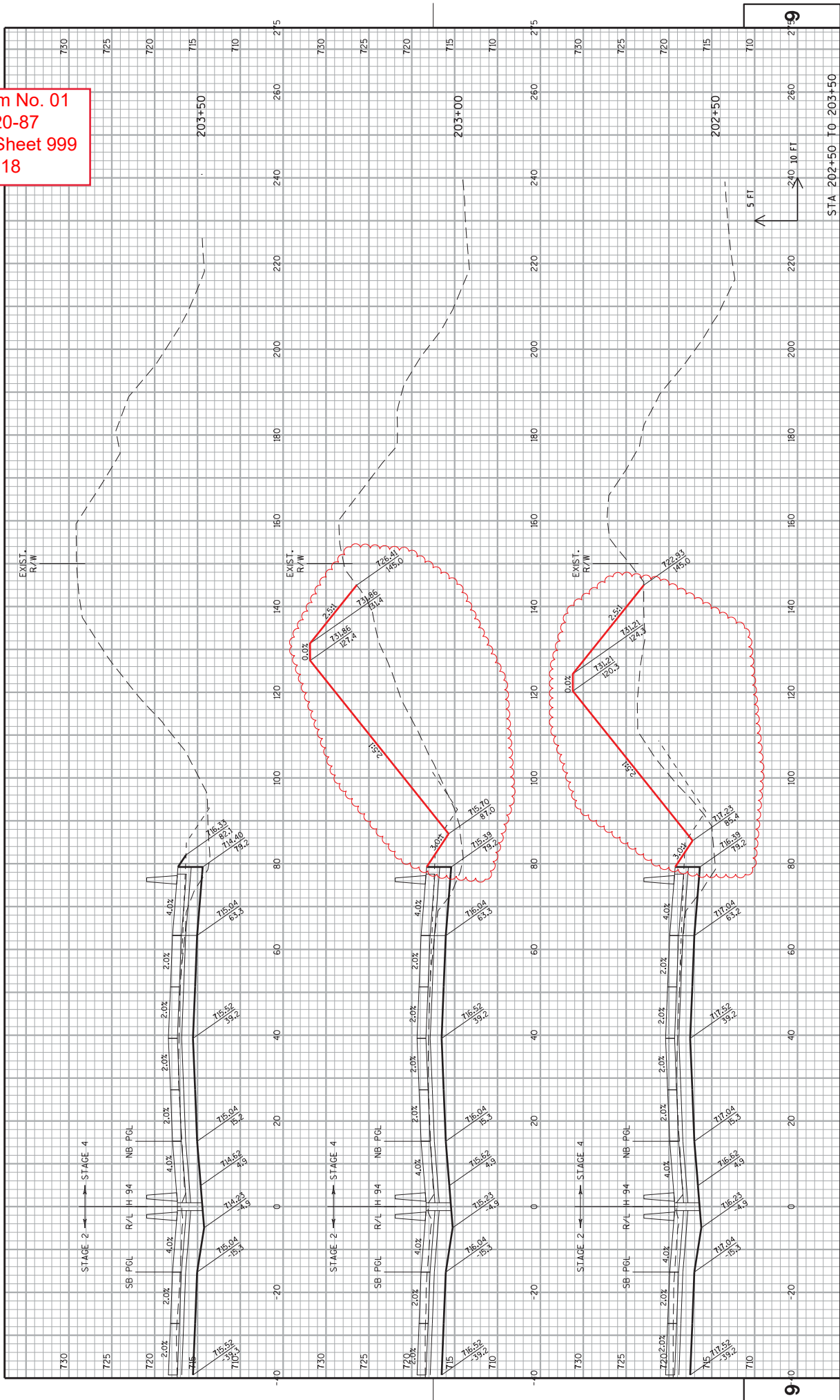
PROJECT NO: 1030-20-87      COUNTY: MIL WAUKEE      CROSS SECTIONS: IH 94 NB      SHEET 997      E

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 998  
 July 3, 2018



PROJECT NO: 1030-20-87  
 COUNTY: MILWAUKEE  
 HWY: IH 94  
 CROSS SECTIONS: IH 94 NB  
 SHEET 998  
 STA 201+00 TO 202+00  
 E

Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 999  
 July 3, 2018



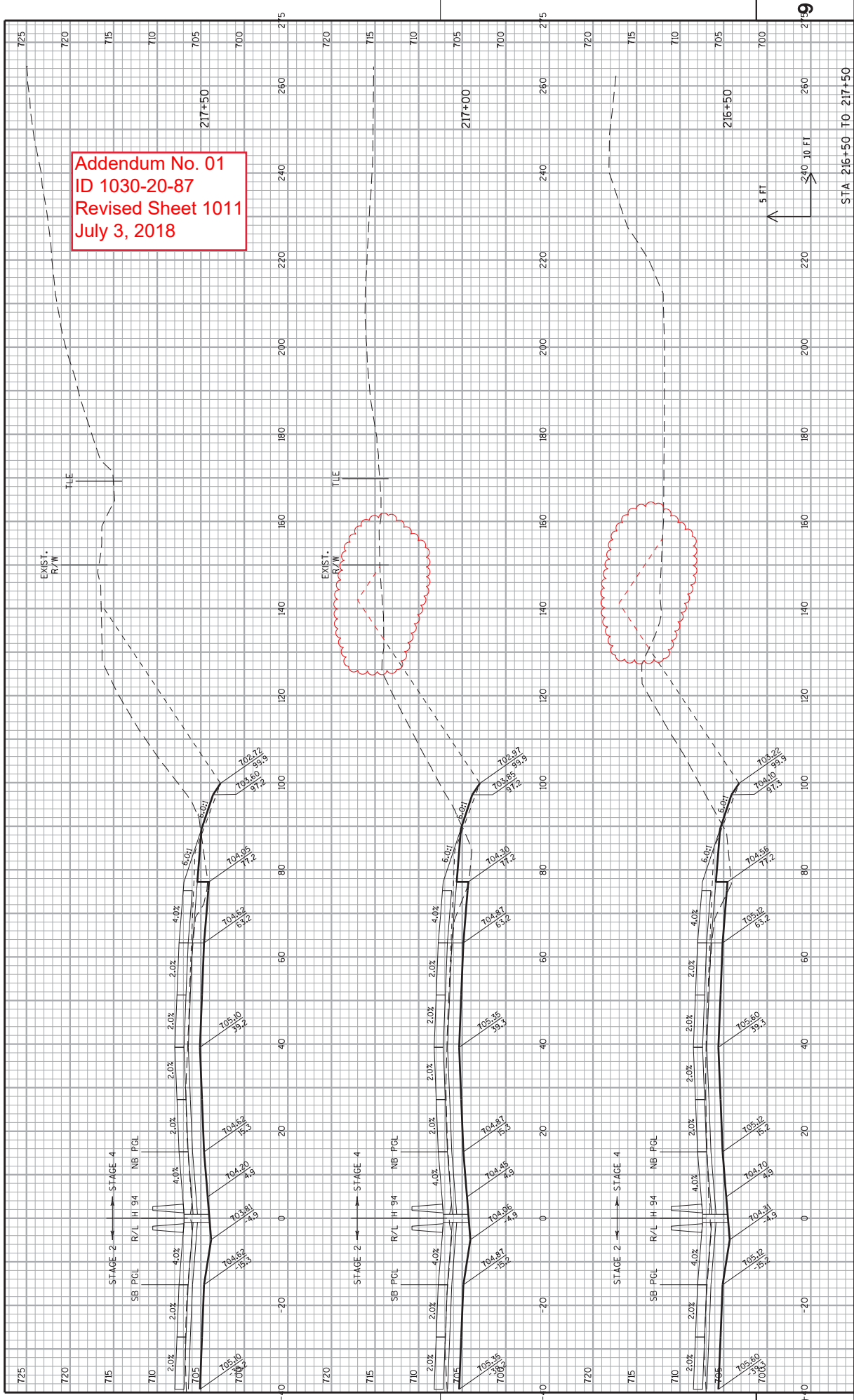
Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 1006  
 July 3, 2018



PROJECT NO: 1030-20-87 COUNTY: MILWAUKEE HWY: IH 94 CROSS SECTIONS: IH 94 NB SHEET 1006 E



Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 1011  
 July 3, 2018

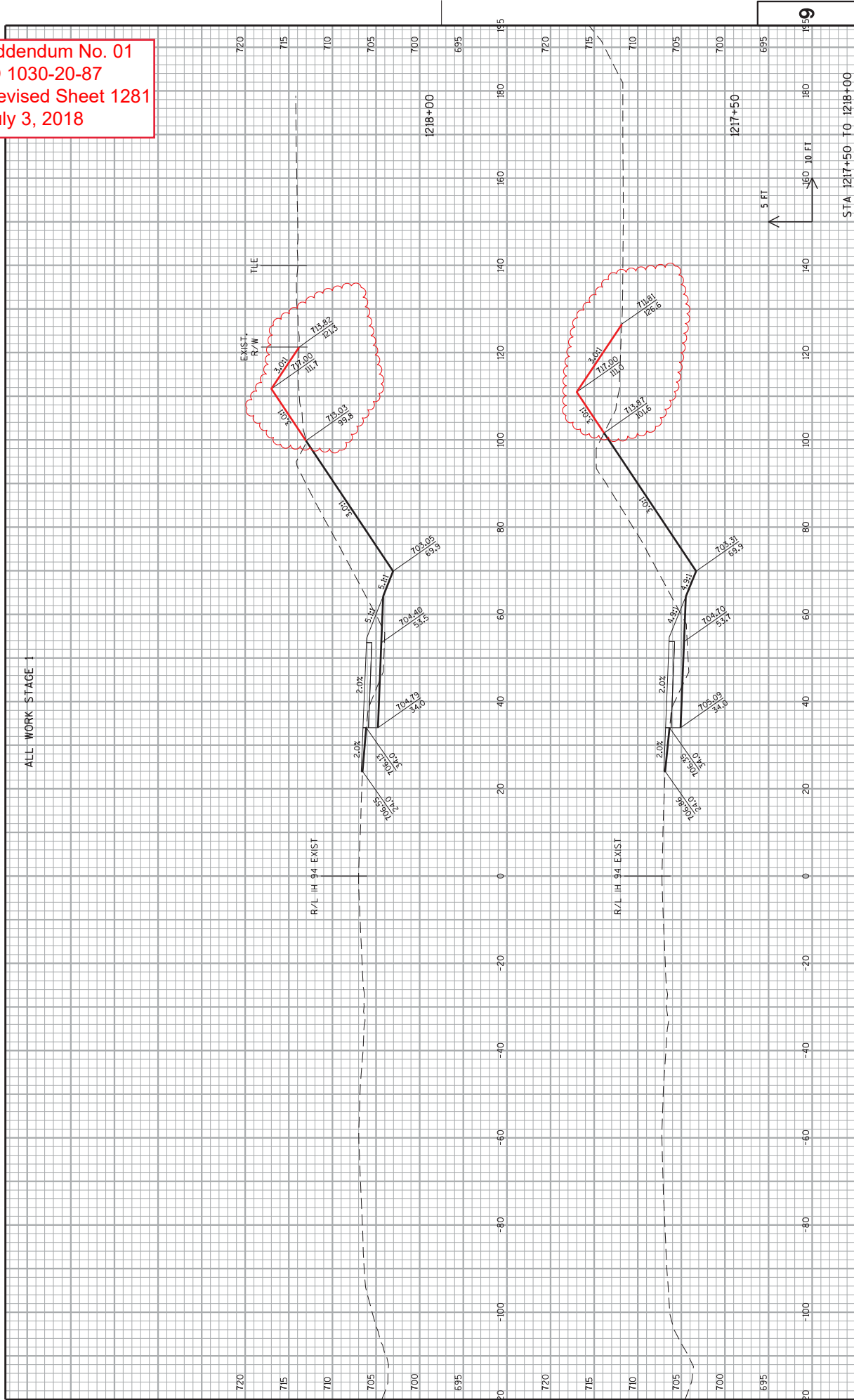


PROJECT NO: 1030-20-87  
 COUNTY: MILWAUKEE  
 HWY: IH 94  
 CROSS SECTIONS: IH 94 NB  
 SHEET 1011  
 STA 216+50 TO 217+50

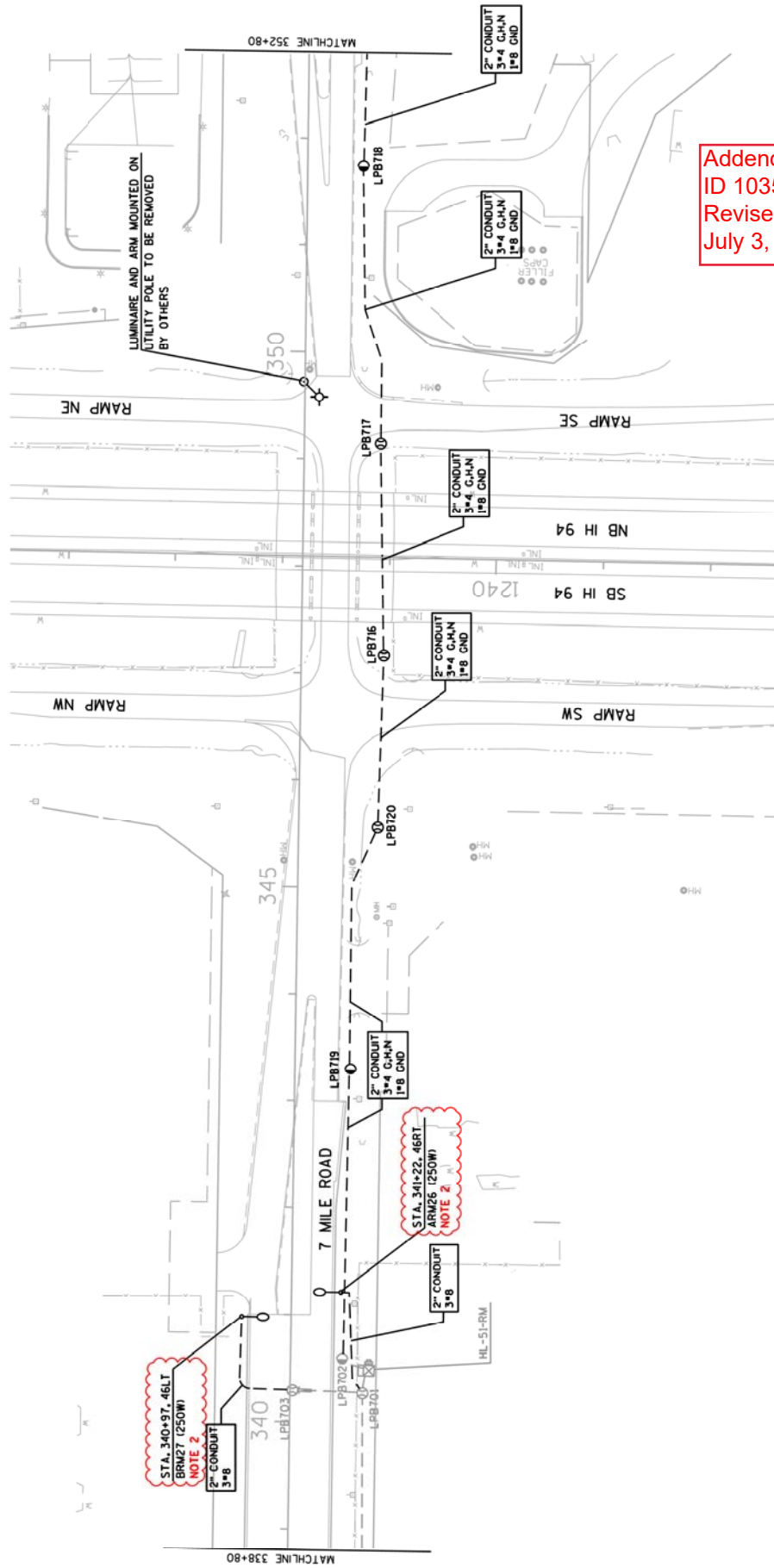


Addendum No. 01  
 ID 1030-20-87  
 Revised Sheet 1281  
 July 3, 2018

ALL WORK STAGE 1



PROJECT NO: 1030-20-87 HWY: IH 94 COUNTY: MILWAUKEE CROSS SECTIONS: IH 94 TEMPORARY WIDENING SHEET 1281 E  
 FILE NAME : S:\P\InDesign\10302087\_E\Roads\Cadd\090601\_xss\_Temp (raised).dgn PLOT DATE : 29-JUN-2018 11:53 PLOT BY : mesockf PLOT NAME : 090601\_xss\_Temp (raised)9SCALE : 20:1 WISDOT/CADDIS SHEET 21

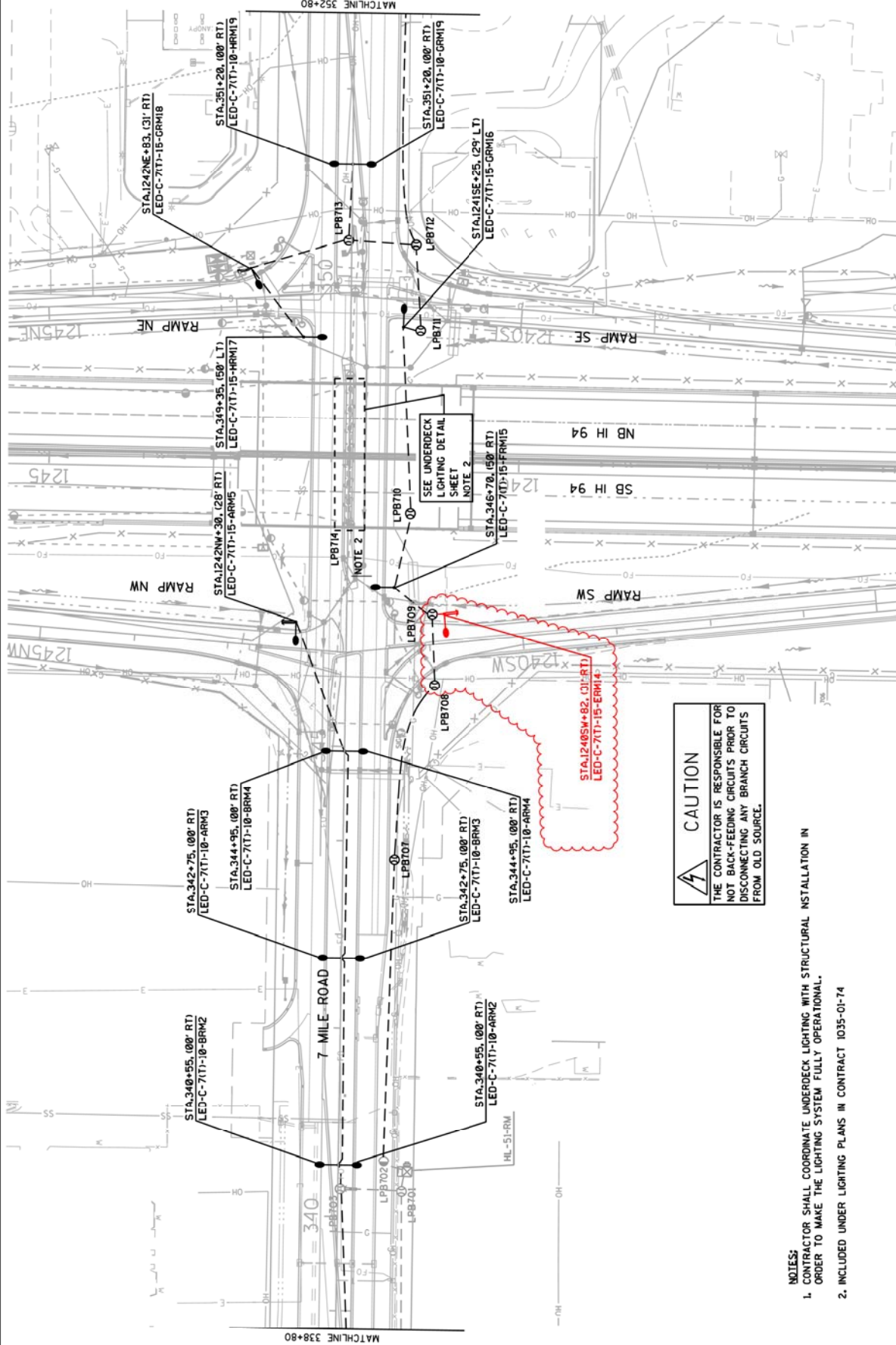


Addendum No. 01  
 ID 1035-01-72  
 Revised Sheet 58  
 July 3, 2018

**NOTE:**  
 1. EXISTING LIGHT POLE NOT IN AS-BUILT RECORDS; STATION AND WATTAGE MAY NOT BE ACCURATE.  
 2. REMOVE AND TRANSPORT TO STORAGE UNDER SALVAGE LIGHTING UNIT SPV.



Addendum No. 01  
ID 1035-01-72  
Revised Sheet 62  
July 3, 2018



**CAUTION**

THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

- NOTES:
1. CONTRACTOR SHALL COORDINATE UNDERDECK LIGHTING WITH STRUCTURAL INSTALLATION IN ORDER TO MAKE THE LIGHTING SYSTEM FULLY OPERATIONAL.
  2. INCLUDED UNDER LIGHTING PLANS IN CONTRACT 1035-01-74

PROJECT NO: 1035-01-72

HWY: IH 94/7 MILE ROAD

COUNTY: RACINE

LIGHTING PLAN - FINAL

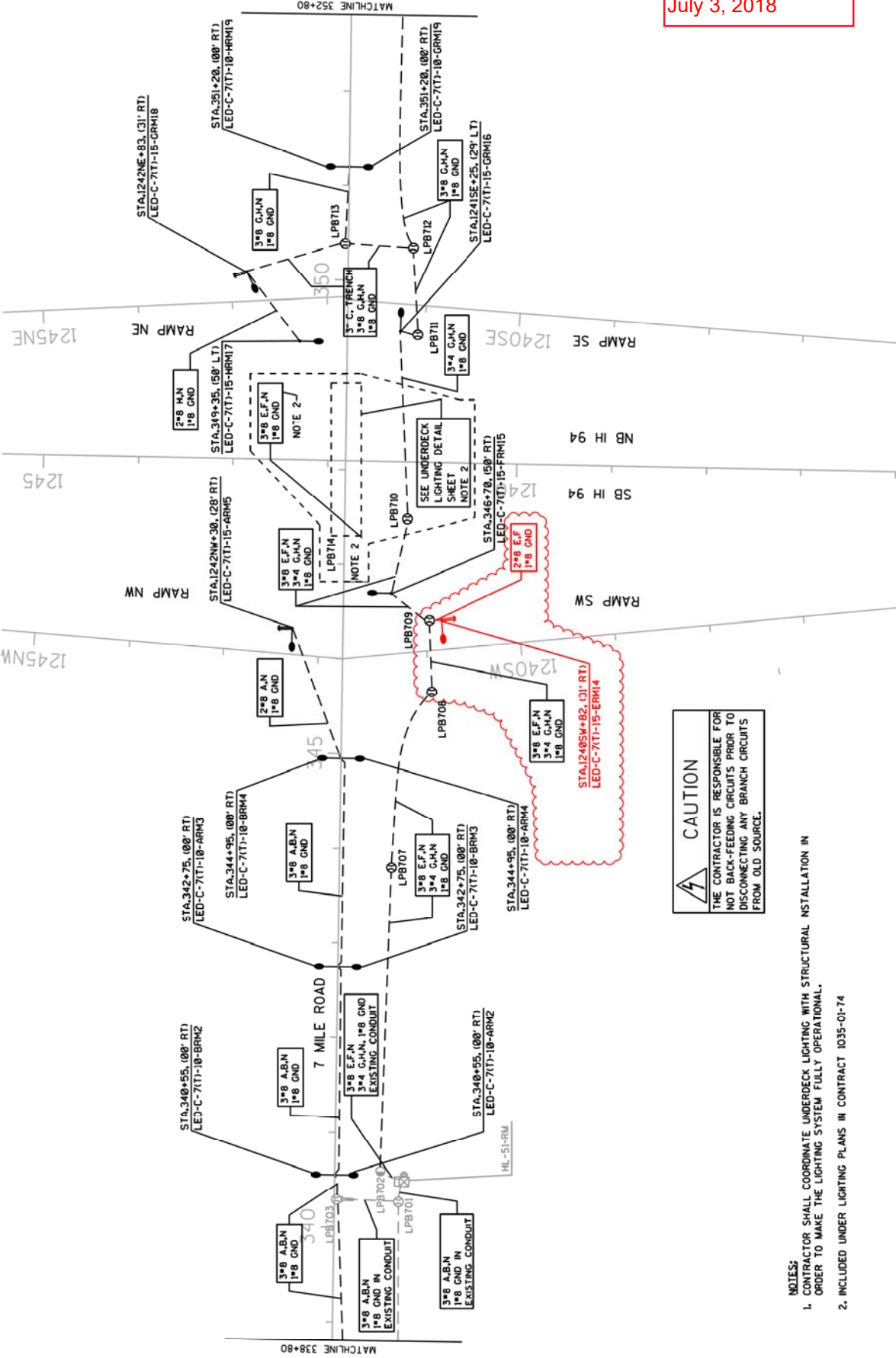
SHEET 62

SHEET 7 OF 10

FILE NAME: \\G:\1000\Projects\1035-01-72\175\1-94\_7\_Mile\_Rd\CADD\cadd\17-022803\_1D.dgn  
 PLOT DATE: 6/28/2018 2:09:01 PM  
 PLOT BY: oncorob  
 PLOT NAME: #FILE#  
 PLOT SCALE: 1:100



Addendum No. 01  
 ID 1035-01-72  
 Revised Sheet 63  
 July 3, 2018



**CAUTION**  
 THE CONTRACTOR IS RESPONSIBLE FOR NOT BACK-FEEDING CIRCUITS PRIOR TO DISCONNECTING ANY BRANCH CIRCUITS FROM OLD SOURCE.

- NOTES:
- CONTRACTOR SHALL COORDINATE UNDERDECK LIGHTING WITH STRUCTURAL INSTALLATION IN ORDER TO MAKE THE LIGHTING SYSTEM FULLY OPERATIONAL.
  - INCLUDED UNDER LIGHTING PLANS IN CONTRACT 1035-01-74

Addendum No. 01  
 ID 1035-01-72  
 Revised Sheet 114  
 July 3, 2018

FREEWAY LIGHTING - CONDUIT AND WIRE

SYSTEM	FROM	CATEGORY	1100		1100		1100		1100			
			TO	652.0225	655.0620	655.0630	652.0235	CONDUIT RIGID	ELECTRICAL WIRE	ELECTRICAL WIRE	CONDUIT RIGID	
				NONMETALLIC SCHEDULE 40 2-INCH	8 AWG LIGHTING	4 AWG LIGHTING	4 AWG LIGHTING	NONMETALLIC SCHEDULE 40 3-INCH				
			LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
HL-51-RM	ARM1/BRM1	LPB703	185	-	800	-	-	-	-	-	-	-
	LPB703	ARM2/BRM2	25	-	120	-	-	-	-	-	-	-
	ARM2/BRM2	ARM3/BRM3	220	-	920	-	-	-	-	-	-	-
	ARM3/BRM3	ARM4/BRM4	220	-	920	-	-	-	-	-	-	-
	ARM4/BRM4	ARM5	150	-	480	-	-	-	-	-	-	-
	HL-51-RM	LPB702	-	-	160	-	120	-	-	-	-	-
	HL-51-RM	LPB701	-	-	160	-	-	-	-	-	-	-
	LPB701	LPB703	-	-	300	-	-	-	-	-	-	-
	LPB702	LPB707	320	-	1320	-	990	-	-	-	-	-
	LPB707	LPB708	195	-	820	-	615	-	-	-	-	-
	LPB709	ERM14	8	-	40	-	-	-	-	-	-	-
	LPB708	LPB709	80	-	360	-	270	-	-	-	-	-
	LPB709	FRM15	50	-	240	-	180	-	-	-	-	-
	FRM15	LPB710	85	-	380	-	285	-	-	-	-	-
	LPB710	GRM16	200	-	210	-	630	-	-	-	-	-
GRM16	LPB711	20	-	120	-	-	-	-	-	-	-	
LPB711	LPB712	95	-	420	-	-	-	-	-	-	-	
LPB712	HRM20	330	-	1360	-	-	-	-	-	-	-	
LPB712	LPB713	-	-	340	-	-	-	75	-	-	-	
LPB713	GRM18	-	-	480	-	-	-	110	-	-	-	
GRM18	HRM17	95	-	315	-	-	-	-	-	-	-	
LPB713	GRM19/HRM19	85	-	380	-	-	-	-	-	-	-	
ARM1/BRM1	STUBOUT	8	-	-	-	-	-	-	-	-	-	
ARM5	STUBOUT	5	-	-	-	-	-	-	-	-	-	
ERM14	STUBOUT	5	-	-	-	-	-	-	-	-	-	
GRM18	STUBOUT	5	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>			<b>2386</b>	<b>10645</b>	<b>3090</b>	<b>185</b>						

FREEWAY LIGHTING - REMOVAL

SYSTEM	FROM	TO	1100	1100	1100	1100	1100
			204.0195	653.0905	204.9060.S.1012	204.9060.S.1002	SPV.0060.1040
			REMOVING CONCRETE BASES	REMOVING PULL BOXES	REMOVING LUMINAIRES	REMOVING LIGHTING UNITS	SPVAGE SALVAGE LIGHTING UNITS
			EACH	EACH	EACH	EACH	EACH
HL-51-RM	LPB702	LPB719	-	-	-	-	-
	LPB719	LPB720	-	1	-	-	-
	LPB720	LPB716	-	1	-	-	-
	LPB716	LPB717	-	1	-	-	-
	LPB717	LPB718	-	1	-	-	-
	LPB718	HRM20	-	1	-	-	-
	CRM6	-	-	-	1	-	-
	DRM7	-	-	-	1	-	-
	CRM8	-	-	-	1	-	-
	DRM9	-	-	-	1	-	-
	DRM13	-	-	-	1	-	-
	CRM12	-	-	-	1	-	-
	DRM11	-	-	-	1	-	-
	CRM10	-	-	-	1	-	-
	HRM24	-	-	-	1	-	-
	GRM24	-	-	-	1	-	-
	GRM23	-	-	-	1	-	-
	HRM25	-	-	-	1	-	-
	HRM20	-	-	-	1	-	-
	GRM21	-	-	-	1	-	-
	HRM21	-	-	-	1	-	-
	GRM22	-	-	-	1	-	-
	ARM26	-	1	-	-	-	1
	BRM27	-	1	-	-	-	1
	TOTAL		2	5	16	0	2

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FREEWAY LIGHTING - MISCELLANEOUS

SYSTEM	DESCRIPTION	1100	1100	1100	1100
		SPV.0105.1014	SPV.0105.1034	SPV.0105.1024	MAINTENANCE OF LIGHTING SYSTEMS
		INTEGRATOR	LIGHTING SYSTEM SURVEY	LIGHTING SYSTEM	1035-01-72
		1035-01-72	1035-01-72	1035-01-72	1035-01-72
	CONTRACT 1035-01-72	1	1	1	1
	TOTAL	1	1	1	1

FREEWAY LIGHTING - PULL BOXES

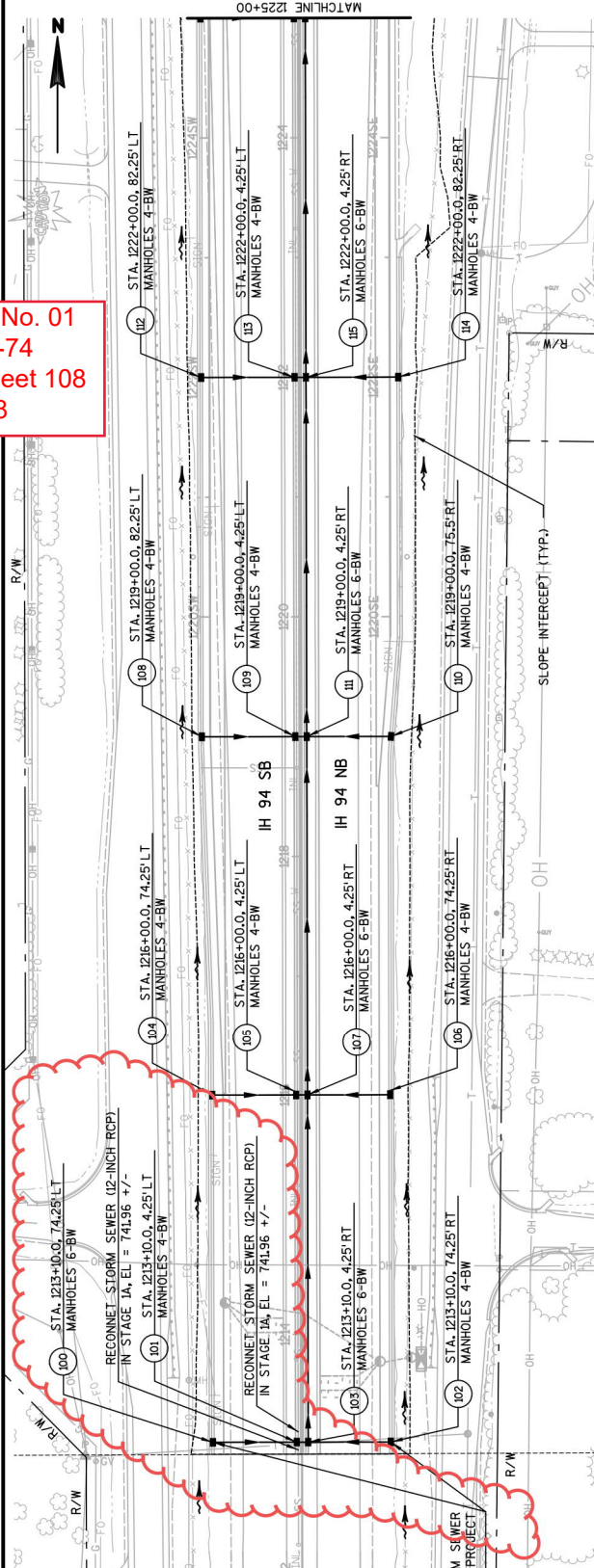
SYSTEM	DESCRIPTION	STATION	CATEGORY	1100
			OFFSET	PULL BOXES STEEL 24X42-INCH EACH
HL-51-RM	LPB707	343+80	55RT	1
	LPB708	1240SW+99	43LT	1
	LPB709	1240SW+94	32RT	1
	LPB710	347+49	66RT	1
	LPB711	1241SE+07	31LT	1
	LPB712	1241SE+18	60RT	1
	LPB713	350+38	3LT	1
	TOTAL			7

3

3



Addendum No. 01  
ID 1035-01-74  
Revised Sheet 108  
July 3, 2018



ORIGINAL PLANS PREPARED BY:

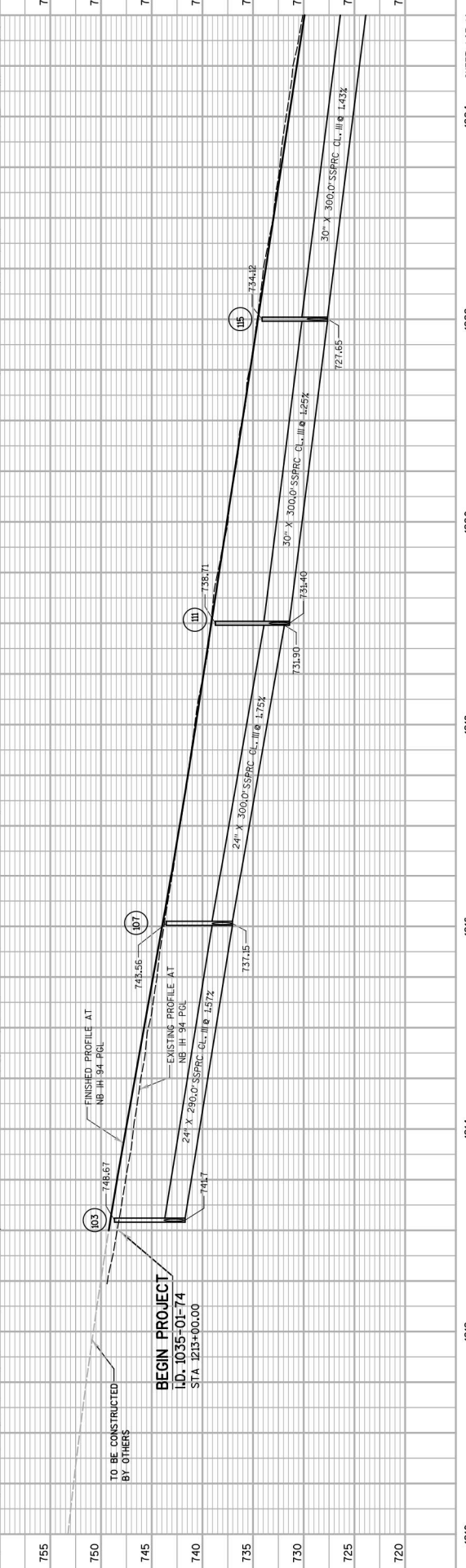
**S&A STRAND ASSOCIATES**  
INCORPORATED  
1000 WISCONSIN AVENUE  
MILWAUKEE, WI 53233-2000

**WISCONSIN PROFESSIONAL ENGINEER**  
BHUPENDRA B. BISTA  
E-34675  
NEW BERLIN, WI

*6/14/2018 Bhupendra Bista*  
(Date) (Signature)

THIS STAMP APPLIES TO STORM SEWER PLANS 1 TO 10 OF 10.

COORDINATE STORM SEWER CONNECTION WITH PROJECT I.D. 1035-01-79.



1210	1212	1214	1216	1218	1220	1222	1224	SHEET 1 OF 14
PROJECT NO: 1035-01-74								SHEET 108
HWY: IH 94.7 MILE ROAD								STORM SEWER: IH 94
COUNTY: RACINE								
FILE NAME : S:\MEL\1000--1099\1084\001\M\cros\10350174_M\Roads\cads\7m022501_8s.dwg								PLOT BY : _username
PLOT DATE : 6/28/2018								PLOT SCALE : ##.....plotscale.....\WSDOT\CADD\ SHEET 419

Addendum No. 01  
 ID 1035-01-74  
 Revised Sheet 118  
 July 3, 2018

STRUCT. NUMBER	STATION	OFFSET	C-C (FT)	TO STRUCT	INLET TYPE	COVER	MH TYPE	COVER	RIM OR FLANGE ELEV.	T.O.S. ELEV.	STRUCT DEPTH (FT)	SIZE (IN)	DISCHARGE PIPE		SLOPE (%)	REMARKS
													INVERT ELEV.	OUTLET ELEV.		
103	1210+00	73.25	LT 310	100	4-FOOT	BW	---	---	748.71	747.55	5.05	24	744.98	742.50	0.80%	SEE ID. 1035-01-79 STORM SEWER PLAN
104	1213+00	74.25	LT 310	103	---	---	4-FOOT	---	748.67	747.51	5.71	24	741.80	741.70	1.00%	STAGE 1A RIM ELEV = EX. GROUND ELEV
105	1213+10	4.25	RT 290	107	---	---	4-FOOT	---	748.67	747.51	5.81	24	741.70	737.15	1.57%	STAGE 1A RIM ELEV = EX. GROUND ELEV
106	1213+10	74.25	RT 69	105	---	---	4-FOOT	---	748.71	747.55	5.16	24	742.39	741.70	1.00%	STAGE 1B RIM ELEV = EX. GROUND ELEV
107	1216+00	74.25	LT 70	105	---	---	4-FOOT	---	743.60	742.44	4.49	24	737.95	737.25	1.00%	SEALING PIPES REQ'D
108	1216+00	4.25	LT 69	107	---	---	4-FOOT	---	743.56	742.40	5.15	24	737.84	737.15	1.00%	SEALING PIPES REQ'D
109	1216+00	74.25	RT 300	111	---	---	4-FOOT	---	743.56	742.44	4.60	24	737.84	737.15	1.00%	SEALING PIPES REQ'D
110	1219+00	82.25	LT 78	109	---	---	4-FOOT	---	738.63	737.47	5.19	24	732.28	731.50	1.15%	SEALING PIPES REQ'D
111	1219+00	4.25	LT 10	111	---	---	4-FOOT	---	738.71	737.55	6.05	24	732.10	731.40	1.00%	SEALING PIPES REQ'D
112	1222+00	75.50	RT 70	111	---	---	4-FOOT	---	738.71	737.61	5.51	24	732.10	731.40	1.00%	SEALING PIPES REQ'D
113	1222+00	4.25	LT 10	115	---	---	4-FOOT	---	734.04	732.88	4.35	24	728.53	727.75	1.00%	SEALING PIPES REQ'D
114	1222+00	82.25	RT 77	115	---	---	4-FOOT	---	734.12	732.96	5.21	24	727.75	727.65	1.00%	SEALING PIPES REQ'D
115	1222+00	4.25	LT 10	118	---	---	4-FOOT	---	734.04	732.88	4.46	24	728.42	727.65	1.00%	SEALING PIPES REQ'D
116	1225+00	82.25	LT 78	117	---	---	4-FOOT	---	729.44	728.28	5.31	30	721.65	723.37	1.43%	SEALING PIPES REQ'D
117	1225+00	4.25	LT 10	118	---	---	4-FOOT	---	729.52	728.36	4.94	30	723.42	723.42	0.50%	SEALING PIPES REQ'D
118	1225+00	4.25	LT 173	118A	---	---	4-FOOT	---	729.52	728.36	4.94	30	723.37	723.37	0.50%	SEALING PIPES REQ'D
119	1228+00	5.50	RT 127	121	---	---	4-FOOT	---	726.91	725.83	4.95	30	720.88	719.12	1.27	SEALING PIPES REQ'D
120	1228+00	86.00	LT 82	120	---	---	4-FOOT	---	726.91	725.83	4.52	30	719.66	719.25	0.50%	SEALING PIPES REQ'D
121	1228+00	4.25	LT 10	121	---	---	4-FOOT	---	725.50	724.34	5.09	30	719.25	719.15	1.00%	SEALING PIPES REQ'D
122	1230+60	4.25	LT 10	123	---	---	4-FOOT	---	725.53	724.37	5.15	36	718.62	717.87	1.00%	SEALING PIPES REQ'D
123	1230+60	4.25	LT 40	125	---	---	4-FOOT	---	723.97	722.81	4.84	24	717.97	717.87	1.00%	SEALING PIPES REQ'D
124	1231+00	4.25	LT 10	125	---	---	4-FOOT	---	724.17	723.01	5.68	36	717.33	717.13	1.00%	SEALING PIPES REQ'D
125	1231+00	4.25	LT 69	128	---	---	4-FOOT	---	723.91	722.75	4.84	24	717.91	717.81	1.00%	SEALING PIPES REQ'D
126	1230+62	74.25	RT 38	128	---	---	4-FOOT	---	724.13	722.97	5.84	42	717.13	716.79	0.50%	SEALING PIPES REQ'D
127	1231+35	74.25	RT 35	128	---	---	4-FOOT	---	724.21	723.05	4.36	24	718.69	718.31	1.00%	SEALING PIPES REQ'D
128	1231+00	74.25	RT 52	129	---	---	4-FOOT	---	724.19	723.03	5.54	24	717.49	717.32	0.50%	SEALING PIPES REQ'D
129	1231+00	133.40	RT 69	OUTFALL	---	---	---	---	724.17	723.01	8.73	42	714.28	714.00	0.47%	REMOVING SS PIPE REQ'D IN STAGE 4
129	1231+00	74.25	RT 69	129.1	---	---	---	---	---	---	N/A	42	714.00	---	---	MOVE ENDWALL TO NEW LOCATION IN STAGE 4
129.1	1231+00	150.20	RT 69	OUTFALL	---	---	---	---	---	---	N/A	42	714.28	712.00	2.96%	OUTFALL TO SE POND
130	1231+35	4.25	LT 10	131	---	---	4-FOOT	---	724.15	722.99	5.28	36	717.71	717.53	0.51%	SEALING PIPES REQ'D
131	1231+50	4.25	LT 15	131	---	---	4-FOOT	---	723.89	722.73	4.84	24	717.89	717.79	1.00%	SEALING PIPES REQ'D
132	1231+50	4.25	LT 10	133	---	---	4-FOOT	---	724.17	723.01	5.22	36	717.79	717.71	0.53%	SEALING PIPES REQ'D
133	1231+50	4.25	LT 10	133	---	---	4-FOOT	---	723.90	722.74	4.85	24	717.89	717.79	1.00%	SEALING PIPES REQ'D
134	1232+20	74.25	LT 113	136	---	---	4-FOOT	---	724.04	722.88	3.12	24	719.76	719.66	1.00%	SEALING PIPES REQ'D
141	1234+50	4.25	LT 300	133	---	---	4-FOOT	---	724.02	722.86	3.95	24	718.91	718.35	0.50%	STRUCTURE 136 SHOWN ON SW RAMP PLAN
138	1234+50	74.25	LT 70	139	---	---	4-FOOT	---	725.93	724.77	5.54	30	719.23	718.29	0.31%	SEALING PIPES REQ'D
139	1234+50	4.25	LT 10	141	---	---	4-FOOT	---	725.32	724.16	4.11	24	720.05	719.70	0.50%	SEALING PIPES REQ'D
140	1234+50	74.25	LT 69	141	---	---	4-FOOT	---	725.28	724.12	4.84	24	719.28	719.23	0.50%	SEALING PIPES REQ'D
142	1237+50	74.25	LT 70	143	---	---	4-FOOT	---	725.93	724.77	4.77	24	720.00	719.65	0.50%	SEALING PIPES REQ'D
143	1237+50	4.25	LT 300	139	---	---	4-FOOT	---	727.60	726.44	4.66	24	721.58	721.23	0.50%	SEALING PIPES REQ'D
144	1237+50	74.25	LT 69	143	---	---	4-FOOT	---	727.56	726.40	5.17	24	721.23	719.73	0.50%	SEALING PIPES REQ'D
145	1237+50	74.25	LT 10	143	---	---	4-FOOT	---	728.68	727.52	5.89	24	721.63	721.28	0.51%	SEALING PIPES REQ'D
146	1240+50	74.25	LT 70	147	---	---	4-FOOT	---	728.64	727.48	6.20	24	721.28	721.23	0.50%	SEALING PIPES REQ'D
147	1240+50	4.25	LT 300	143	---	---	4-FOOT	---	729.93	728.77	4.59	24	724.18	723.48	1.00%	SEALING PIPES REQ'D
148	1240+50	74.25	RT 69	149	---	---	4-FOOT	---	730.04	728.88	5.40	24	723.48	721.23	0.75%	SEALING PIPES REQ'D
149	1240+50	4.25	RT 10	147	---	---	4-FOOT	---	731.44	730.28	6.01	24	724.27	723.58	1.00%	SEALING PIPES REQ'D
149	1240+50	4.25	RT 10	147	---	---	4-FOOT	---	731.41	730.25	6.67	24	723.58	723.48	1.00%	SEALING PIPES REQ'D

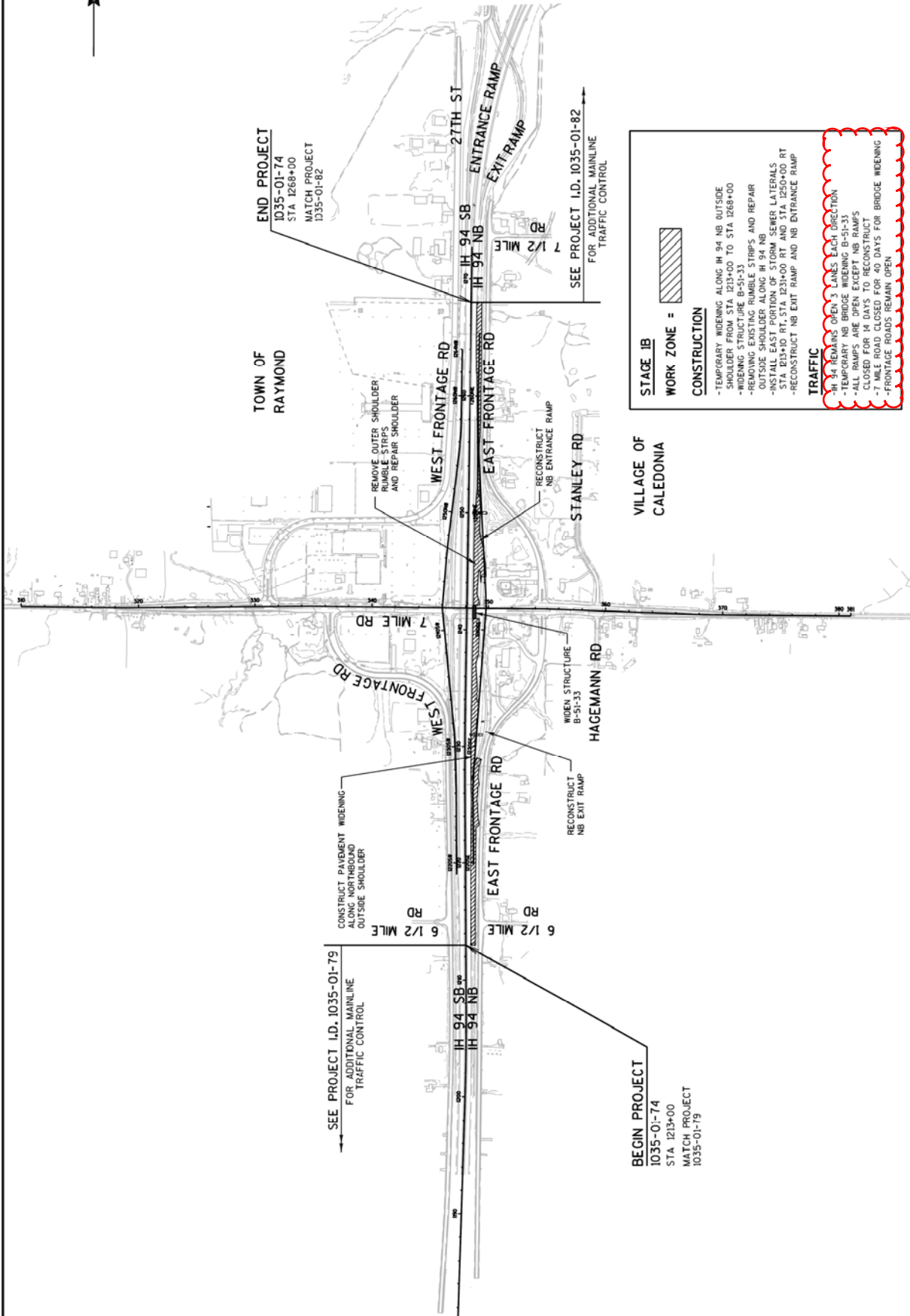
STRUCT NUMBER	STATION	OFFSET FT	C-C (FT)	TO STRUCT	INLET TYPE	COVER	MH TYPE	COVER	RIM OR FLANGE ELEV	T.O.S. ELEV	STRUCT DEPTH (FT)	SIZE (IN)	DISCHARGE PIPE		SLOPE (%)	REMARKS	
													INLET ELEV	DISCHARGE ELEV			
719	349+04	17.00 RT	21	720	--	--	6-FOOT	J-S	702.47	701.39	6.14	24	705.25	702.09	2.11	1.50%	
720	346+93	17.00 RT	15	723	--	--	4-FOOT	J-S	709.25	708.17	6.08	24	702.09	701.86	15	1.53%	
721	346+60	39.50 RT	37	723	--	--	4-FOOT	CLP	708.59	708.59	6.54	24	702.05	701.86	37	0.51%	
722A	346+87	4.30 RT	8	723	--	--	--	--	--	--	N/A	12	702.94	702.86	8	1.00%	PLACE COVER PLATE TEMPORARY SEALING PIPES REOD
723	346+80	8.70 RT	58	726	--	--	6-FOOT	CLP	709.03	709.03	8.17	36	700.86	700.57	58	0.50%	PLACE COVER PLATE TEMPORARY
725	346+40	39.50 LT	17	726	--	--	4-FOOT	CLP	708.66	708.66	6.75	24	701.91	701.57	17	2.00%	PLACE COVER PLATE TEMPORARY
726	346+32	24.00 LT	117	728	--	--	6-FOOT	J-S	708.82	707.74	7.17	36	700.57	699.98	117	0.50%	PLACE COVER PLATE TEMPORARY
727	345+15	48.50 LT	25	728	--	--	4-FOOT	CLP	707.78	707.78	6.40	24	701.38	701.01	25	1.50%	PLACE COVER PLATE TEMPORARY
728	345+15	24.00 LT	40	732	--	--	6-FOOT	J-S	708.24	707.16	7.18	36	699.98	699.78	40	0.50%	
731A	344+75	16.50 LT	8	732	--	--	--	--	--	--	N/A	12	702.18	702.02	8	2.00%	SEALING PIPES REOD
732	344+75	24.00 LT	92	EX. PIPE	--	--	6-FOOT	J-S	708.04	706.96	7.18	36	699.78	699.32	92	0.50%	CONNECT TO EXISTING PIPE
733	345+80	43.50 RT	45	643	2x3-FT	HM-S	--	--	708.20	707.37	3.67	15	703.70	703.25	45	1.00%	SEE NOTE 7

NOTES

- 1) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. APRON ENDWALLS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE
- 2) STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES OR TO THE APRON END OF ENDWALLS.
- 3) PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES OR END OF PIPE (NOT THE APRON END OF ENDWALLS)
- 4) RIM ELEVATIONS ARE GIVEN AT THE FLANGE LINE FOR INLET GRATES OR THE CENTER OF THE MANHOLE COVER FOR MANHOLES.
- 5) STRUCTURE DEPTH = RIM ELEV - INVERT - CASTING HEIGHT - ADJUSTMENT  
CASTING HEIGHT = 0.75 FT FOR J COVERS; 0.5 FT FOR HM AND S COVERS; 0.83 FT FOR TYPE V; 0.67 FT FOR TYPE MS COVERS  
ADJUSTMENT (RINGS) = 0.33 FT FOR B, V, J, HM AND S COVERS; 0 FT FOR TYPE MS COVERS
- 6) FLAT TOP SLAB WITH CENTERED OPENING REQUIRED ON ALL MANHOLES
- 7) FLAT TOP SLAB WITH CENTERED 24-INCH X 36-INCH RECTANGULAR OPENING REQUIRED ON ALL MANHOLES WITH TYPE HM OR TYPE HM-S INLET COVERS.
- 8) REMOVAL OF BULKHEAD IS INCIDENTAL TO PIPE ITEMS
- 9) ELEVATIONS AND DEPTHS OF EXISTING STRUCTURES AND PIPES SHALL BE VERIFIED IN THE FIELD
- 10) RECONNECT EXISTING 12-INCH CONCRETE PIPE TO STRUCTURE 101UPSTREAM AND DOWNSTREAM (ELEV. 741.96 +/- FIELD VERIFY). BULKHEAD OPENING IN STRUCTURE WHEN EXISTING PIPE IS REMOVED (INCIDENTAL TO STORM SEWER INSTALLATION)

\* = THIS IS STRUCTURE 113 SHOWN ON ID. 1035-01-79 STORM SEWER PLAN, NOT STRUCTURE 113 SHOWN ON ID. 1035-01-74 STORM SEWER PLAN.

Addendum No. 01  
ID 1035-01-74  
Revised Sheet 121  
July 3, 2018



Addendum No. 01  
 ID 1035-01-74  
 Revised Sheet 164  
 July 3, 2018

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

**STAGE 1B**  
**WORK ZONE =** [Hatched Box]

**CONSTRUCTION**

- TEMPORARY WIDENING ALONG IH 94 NB OUTSIDE SHOULDER FROM STA 1233+00 TO STA 1268+00
- WIDENING STRUCTURE B-51-33
- REMOVING EXISTING RUMBLE STRIPS AND REPAIR OUTSIDE SHOULDER ALONG IH 94 NB
- INSTALL EAST SIDE OF 30' DRUM SERIES LATERALS AT STATION 1233+00
- RECONSTRUCT NB EXIT RAMP AND NB ENTRANCE RAMP

**TRAFFIC**

- IH 94 REMAINS OPEN 3 LANES EACH DIRECTION
- TEMPORARY NB BRIDGE WIDENING B-51-33
- TEMPORARY NB BRIDGE WIDENING B-51-33 CLOSED FOR 14 DAYS TO RECONSTRUCT
- 7 MILE ROAD CLOSED FOR 40 DAYS FOR BRIDGE WIDENING
- FRONTAGE ROADS REMAIN OPEN

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

BEGIN PROJECT  
 1035-01-74  
 STA 1233+00  
 MATCH PROJECT  
 1035-01-19

STORM SEWER STRUCTURE ITEMS

Addendum No. 01  
ID 1035-01-74  
Revised Sheet 236  
July 3, 2018

CATEGORY	STAGE	STRUCTURE NUMBER	STATION	OFFSET FT	MANHOLES 4-FT DIA	MANHOLES 6-FT DIA	MANHOLES 7-FT DIA	INLETS 4-FT DIA	INLETS 2x3-FT	INLETS 2 GRADE	INLETS 3 GRADE	MANHOLE COVERS	TYPE J-SPECIAL	TYPE BW	TYPE HW	TYPE INLET	COVERS EACH	TEMPORARY PLATE	COVERS EACH	611.0610	611.0627	611.0636	611.0642	611.8120.S	REMARKS	
																										INLET
1000		H194 NB																								
1C	103		1213+10	4.25	RT																					
1C	107		1216+00	4.25	RT																					
1C	111		1219+00	4.25	RT																					
1C	115		1222+00	4.25	RT																					
1C	118		1225+00	4.25	RT																					
1C	118A		1226+73	5.50	RT																					
1C	121		1228+00	4.25	RT																					
1C	123		1230+60	4.25	RT																					
1C	125		1231+00	4.25	RT																					
1B	128		1231+00	74.25	RT																					
1B	129		1231+00	133.40	RT																					
1C	131		1231+35	4.25	RT																					
1C	133		1231+50	4.25	RT																					
1C	141		1234+50	4.25	RT																					
1C	165		1250+00	4.25	RT																					
1B	166		1250+00	74.25	RT																					
1B	167		1250+00	161.20	RT																					
1C	170		1256+00	4.25	RT																					
		H194 SB																								
2	100		1213+10	74.25	LT																					
1C	101		1213+10	4.25	LT																					
2	104		1216+00	74.25	LT																					
2	105		1216+00	4.25	LT																					
2	108		1219+00	82.25	LT																					
2	109		1219+00	4.25	LT																					
2	112		1222+00	82.25	LT																					
2	113		1222+00	4.25	LT																					
2	116		1225+00	82.25	LT																					
2	117		1225+00	4.25	LT																					
2	119		1228+00	86.00	LT																					
2	120		1228+00	4.25	LT																					
2	122		1230+60	4.25	LT																					
2	124		1231+00	4.25	LT																					
2	130		1231+35	4.25	LT																					
2	132		1231+50	4.25	LT																					
2	134		1232+20	74.25	LT																					
2	135		1232+10	74.25	LT																					
2	138		1234+50	74.25	LT																					
2	139		1234+50	4.25	LT																					
2	142		1237+50	74.25	LT																					
2	143		1237+50	4.25	LT																					
2	146		1240+50	74.25	LT																					
2	147		1240+50	4.25	LT																					
2	150		1243+00	74.25	LT																					
2	151		1243+25	74.25	LT																					
2	152		1243+00	4.25	LT																					
2	153		1243+25	4.25	LT																					
2	158A		1246+50	8.25	LT																					
2	164		1250+00	4.25	LT																					

SEE NOTE 10

STORM SEWER CONTINUED ON NEXT SHEET





Addendum No. 01  
 ID 1035-01-74  
 Revised Sheet 240  
 July 3, 2018

STORM SEWER PIPE ITEMS

STORM SEWER CONTINUED ON NEXT SHEET

STORM SEWER PIPE ITEMS

CATEGORY	STAGE	FROM STRUCTURE NUMBER	TO STRUCTURE NUMBER	STATION	OFFSET FT	INVERT ELEV	DSCH ELEV	SLOPE	12-INCH		15-INCH		24-INCH		30-INCH		36-INCH		42-INCH		48-INCH		204.0280 SEALING PIPES EACH
									LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
1000	1C	103	107	1213+10	4.25	RT 741.70	737.15	1.57%	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
	1C	107	111	1216+00	4.25	RT 731.15	731.90	1.75%	--	--	290	--	--	--	--	--	--	--	--	--	--	--	1
	1C	111	115	1219+00	4.25	RT 731.40	727.65	1.25%	--	--	300	--	--	--	--	--	--	--	--	--	--	--	1
	1C	115	118	1222+00	4.25	RT 727.65	723.37	1.43%	--	--	300	--	--	--	--	--	--	--	--	--	--	--	1
	1C	118	118A	1225+00	4.25	RT 723.37	720.88	1.44%	--	--	--	--	173	--	--	--	--	--	--	--	--	--	1
	1C	118A	121	1226+73	5.50	RT 720.88	719.12	1.39%	--	--	--	--	127	--	--	--	--	--	--	--	--	--	1
	1C	121	123	1228+00	4.25	RT 718.62	717.33	0.50%	--	--	--	--	--	--	260	--	--	--	--	--	--	--	1
	1C	123	125	1230+60	4.25	RT 717.33	717.13	0.50%	--	--	--	--	--	--	40	--	--	--	--	--	--	--	1
	1C	125	128	1231+00	4.25	RT 717.13	716.79	0.50%	--	--	--	--	--	--	69	--	--	--	--	--	--	--	1
	1B	128	129	1231+00	74.25	RT 714.28	714.00	0.47%	--	--	52	--	--	--	--	--	--	--	--	--	--	--	1
	1B	129	OUTFALL	1231+00	133.40	RT 714.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
	1C	131	125	1231+35	4.25	RT 717.71	717.53	0.51%	--	--	--	--	--	--	35	--	--	--	--	--	--	--	1
	1C	133	131	1231+50	4.25	RT 717.79	717.71	0.53%	--	--	--	--	--	--	15	--	--	--	--	--	--	--	1
	1C	141	133	1234+50	4.25	RT 719.23	718.29	0.31%	--	--	--	--	--	300	--	--	--	--	--	--	--	--	1
	1C	165	166	1250+00	4.25	RT 725.33	725.17	0.23%	--	--	69	--	--	--	--	--	--	--	--	--	--	--	1
	1B	166	167	1250+00	74.25	RT 725.17	725.00	0.20%	--	--	81	--	--	--	--	--	--	--	--	--	--	--	1
	1B	167	OUTFALL	1250+00	161.20	RT 725.00	0.00	0.00%	--	--	--	--	--	--	0.00	--	--	--	--	--	--	--	1
	1C	170	171	1256+00	4.25	RT 724.10	722.16	2.94%	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
	2	100	101	1213+10	74.25	LT 742.50	741.80	1.00%	--	--	--	--	--	--	70	--	--	--	--	--	--	--	--
	1C	101	103	1213+10	4.25	LT 741.80	741.70	1.00%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	104	105	1216+00	74.25	LT 737.95	737.25	1.00%	--	--	70	--	--	--	--	--	--	--	--	--	--	--	--
	2	105	107	1216+00	4.25	LT 737.25	737.15	1.00%	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--
	2	108	109	1219+00	82.25	LT 732.28	731.50	1.00%	--	--	78	--	--	--	--	--	--	--	--	--	--	--	--
	2	109	111	1219+00	4.25	LT 731.50	731.40	1.00%	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--
	2	112	113	1222+00	82.25	LT 728.53	727.75	1.00%	--	--	78	--	--	--	--	--	--	--	--	--	--	--	--
	2	113	115	1222+00	4.25	LT 727.75	727.65	1.00%	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--
	2	116	117	1225+00	82.25	LT 723.81	723.42	0.50%	--	--	--	--	--	--	78	--	--	--	--	--	--	--	--
	2	117	118	1225+00	4.25	LT 723.42	723.37	0.50%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	119	120	1228+00	86.00	LT 719.66	719.25	0.50%	--	--	--	--	--	--	82	--	--	--	--	--	--	--	--
	2	120	121	1228+00	4.25	LT 719.25	719.15	1.00%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	122	123	1230+60	4.25	LT 717.97	717.87	1.00%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	124	125	1231+00	4.25	LT 717.91	717.81	1.00%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	130	131	1231+35	4.25	LT 717.89	717.79	1.00%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	132	133	1231+50	4.25	LT 717.89	717.79	1.00%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	134	135	1232+20	74.25	LT 719.76	719.66	1.00%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	135	136	1232+10	74.25	LT 718.91	718.35	0.50%	--	--	--	--	--	--	113	--	--	--	--	--	--	--	--
	2	138	139	1234+50	74.25	LT 720.05	719.70	0.50%	--	--	--	--	--	--	70	--	--	--	--	--	--	--	--
	2	139	141	1234+50	4.25	LT 719.28	719.23	0.50%	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--
	2	142	143	1237+50	74.25	LT 721.58	721.23	0.50%	--	--	--	--	--	--	70	--	--	--	--	--	--	--	--
	2	143	139	1237+50	4.25	LT 721.23	719.73	0.50%	--	--	--	--	--	--	300	--	--	--	--	--	--	--	1
	2	146	147	1240+50	74.25	LT 724.18	723.48	1.00%	--	--	--	--	--	--	70	--	--	--	--	--	--	--	--
	2	147	143	1240+50	4.25	LT 723.48	721.23	0.75%	--	--	--	--	--	--	300	--	--	--	--	--	--	--	--
	2	150	151	1243+00	74.25	LT 727.50	727.37	0.52%	--	--	--	--	--	--	25	--	--	--	--	--	--	--	--
	2	151	153	1243+25	74.25	LT 727.37	727.05	0.46%	--	--	--	--	--	--	70	--	--	--	--	--	--	--	--
	2	152	153	1243+00	4.25	LT 726.75	726.70	0.20%	--	--	--	--	--	--	25	--	--	--	--	--	--	--	--
	2	153	158A	1243+25	4.25	LT 726.70	726.05	0.20%	--	--	--	--	--	--	325	--	--	--	--	--	--	--	--
	2	158A	164	1246+50	8.25	LT 726.05	725.35	0.20%	--	--	--	--	--	--	350	--	--	--	--	--	--	--	--
	2	164	165	1250+00	4.25	LT 725.35	725.33	0.23%	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--



**CONCRETE BARRIER TEMPORARY ITEMS**

603.8000	603.8125	614.0905	SPV.0090.0010
CONCRETE BARRIER	CONCRETE BARRIER	CRASH TEMPORARY	CRASH TEMPORARY
TEMPORARY PRECAST DELIVERED	TEMPORARY PRECAST INSTALLED	CUSHION	GLARE SCREEN
LF	LF	EACH	LF
1000	STAGE 1A	--	--
	STAGE 1B	5,150	3
	STAGE 1C	6,750	2
	STAGE 2	9,650	--
	STAGE 3	5,500	2
	STAGE 4	--	--
	STAGE 5	4,250	2
	TOTALS	25,900	31,300
			9
			11,000

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

**BARRICADE RACK ITEMS**

SPV.0060.0032	204.9060.S.0010	SPV.0060.0029	SPV.0060.0030					
SALVAGING EXISTING BARRICADE RACK	REMOVING BARRICADE RACKS AND BARRICADES	PERMANENT BARRICADES TYPE III	BARRICADE RACK					
EA	EA	EA	EA					
1000	4	NE RAMP	1242+50	RT	-	1	1	1
	2	SW RAMP	1232+00	LT	-	1	1	1
		TOTALS			0	2	2	2

**FASTENING SEWER ACCESS COVERS**

SPV.0060.0020		
FASTENING SEWER ACCESS COVERS		
EA		
1000	PROJECT ID 1035-01-74	6
	TOTAL	6

**SAW CUTTING ITEMS**

690.0150	690.0250		
SAWING ASPHALT	SAWING CONCRETE		
LF	LF		
1000	IH 94 NB	LT / RT	1,500
	IH 94 NB ENTRANCE RAMP	LT	50
	7 MILE ROAD	LT / RT	100
	TOTALS		150
			1,500

**PAVEMENT CLEANUP PROJECT 1035-01-74**

SPV.0075.0022		
PAVEMENT CLEANUP PROJECT 1035-01-74		
HOUR		
1000	PROJECT 1035-01-74	500
	TOTAL	500

**DISPUTE RESOLUTION BOARD**

SPV.0055.0002		
DISPUTE RESOLUTION BOARD		
DOL		
1000	PROJECT 1035-01-74	5,000
	TOTAL	5,000

**REMOVING PAVEMENT MARKING ITEMS**

646.9000	646.9010		
MARKING REMOVAL LINE	WATERBLASTING		
LF	LF		
1000	STAGE 1A	1213+00 - 1268+00	--
	STAGE 1B	1213+00 - 1268+00	8,250
	STAGE 2	1213+00 - 1268+00	--
	STAGE 3	1213+00 - 1268+00	19,325
	STAGE 4	1213+00 - 1268+00	13,750
	STAGE 5	1213+00 - 1268+00	--
	UNDISTRIBUTED	1213+00 - 1268+00	37,600
	TOTALS		42,000
			38,500

Addendum No. 01  
ID 1035-01-74  
Revised Sheet 253  
July 3, 2018

STATE PROJECT NUMBER  
**1035-01-74**

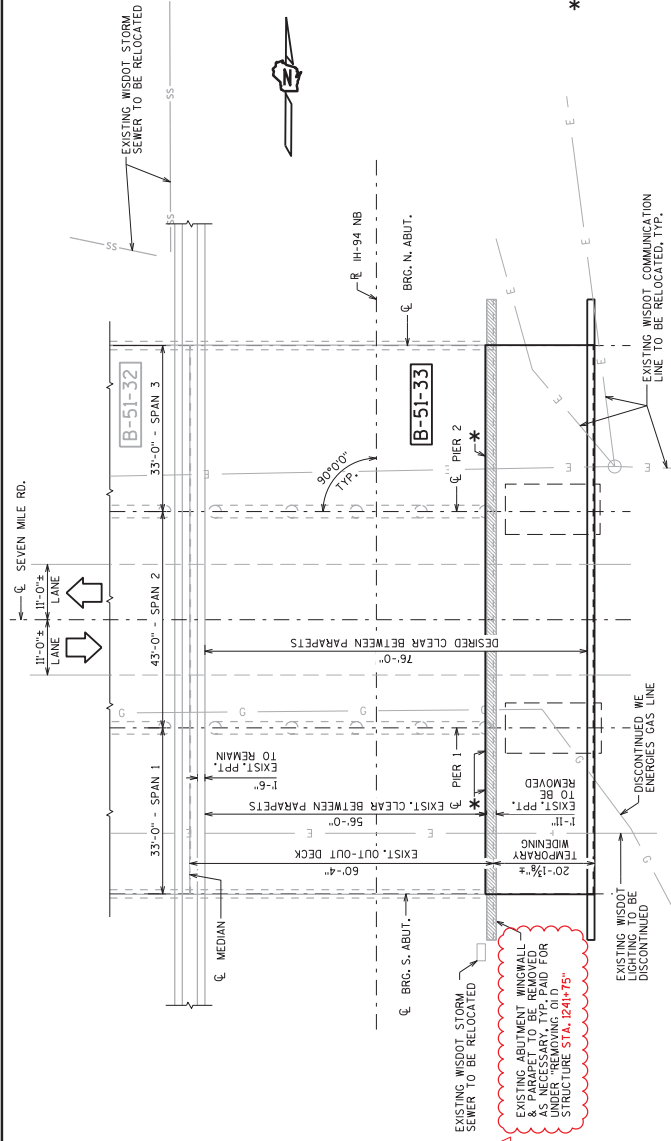
**DESIGN DATA**

MATERIAL PROPERTIES:  
CONCRETE MASONRY  $f'_c = 4,000$  P.S.I.  
BAR STEEL REINFORCEMENT, GRADE 60  $f_y = 60,000$  P.S.I.

**TRAFFIC VOLUME**

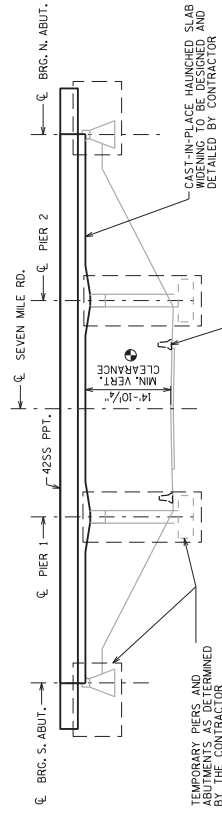
IH 94  
ADT = 98,280 (2000)  
ADT = 123,200 (2035)  
R.D.S. = 70 M.P.H.  
SEVEN MILE RD.  
ADT = 4,330 (2000)  
ADT = 6,435 (2035)  
R.D.S. = 40 M.P.H.

**Addendum No. 01  
ID 1035-01-74  
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July 3, 2018**



**PLAN**

EXISTING 3 SPAN HAUNCHED SLAB TEMPORARY WIDENING



**ELEVATION**

NORMAL TO SEVEN MILE RD.  
(LOOKING WEST)

\* EXISTING FLOOR DRAINS TO BE REMOVED, FLOOR DRAINS FOR TEMPORARY WIDENING TO BE DETERMINED BY THE CONTRACTOR

**TOTAL ESTIMATED QUANTITIES**

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
203.0200.0009	REMOVING OLD STRUCTURE STA. 1241+75	LS	1
SP2.005.4014	TEMPORARY BRIDGE WIDENING B-51-33	LS	1

**GENERAL NOTES**

- DRAWINGS SHALL NOT BE SCALED.
- DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.
- MINIMUM VERTICAL CLEARANCE - INTERSECTION REPORT MEASUREMENT) - (CROSS SLOPE) X ANTICIPATED WIDENING WIDTH

**LIST OF DRAWINGS**

- 1. TEMPORARY WIDENING
- 2. WIDENING DETAILS

STRUCTURE DESIGN CONTACTS:  
EMILY KUERNIE (609) 266-5089  
AARON BONK (609) 261-0261

7/2/18	DATE	UPDATE STA. NOTES	MJK
	NO.	REVISION	BY



**BUREAU OF STRUCTURES**

*William C. Decker* 712118

ACCEPTED  
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-51-33

IH-94 NB OVER SEVEN MILE RD.

COUNTY RACINE VILLAGE CALEDONIA  
DESIGN SPEC. WASHO LEFT BRIDGE DESIGN SPECIFICATIONS  
APPROVED EMM (E.C.) BY EMM (E.C.) MJK  
PLANS EMM (E.C.) MJK

TEMPORARY WIDENING

SHEET 1 OF 2

465

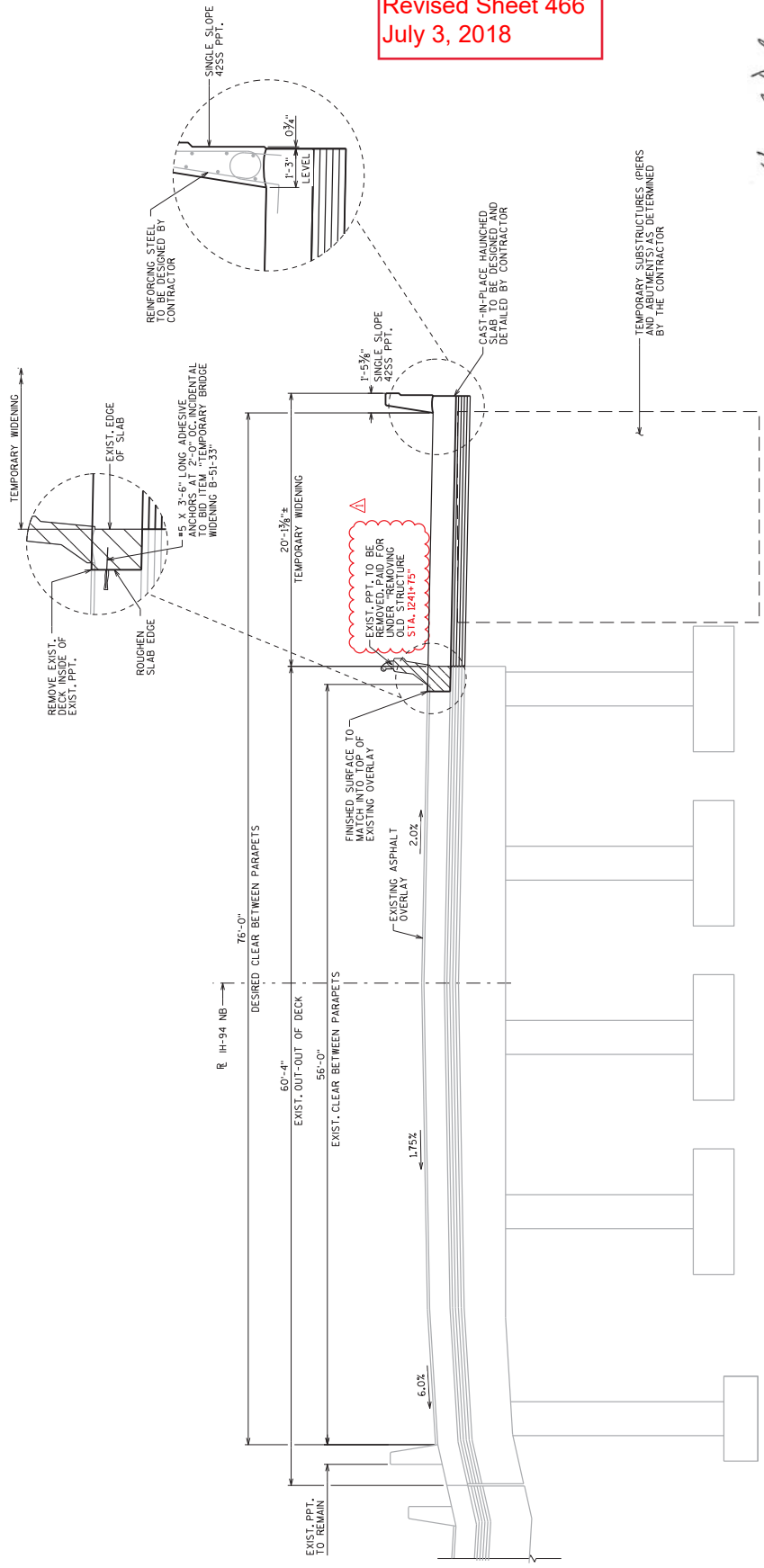
ID: 1030-20-00C DATE: JUNE 2018

SCALE = 1/200

STATE PROJECT NUMBER  
1035-01-74

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ID 1035-01-74  
Revised Sheet 466  
July 3, 2018

*William C. Decker* 7/2/18



**CROSS SECTION THRU ROADWAY**  
NORMAL TO R/IH-94 NB  
AT PER LOOKING NORTH

NO.	DATE	UPDATE STA. NOTES	BY
1	7/2/18		MJK

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
STRUCTURES DESIGN SECTION

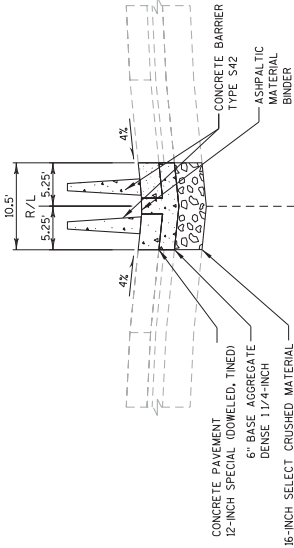
STRUCTURE B-51-33

DESIGNED BY: MJK  
CHECKED BY: MJK

SHEET 2  
456

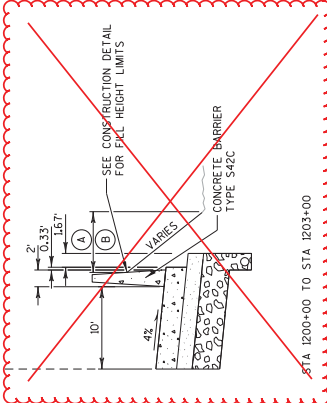
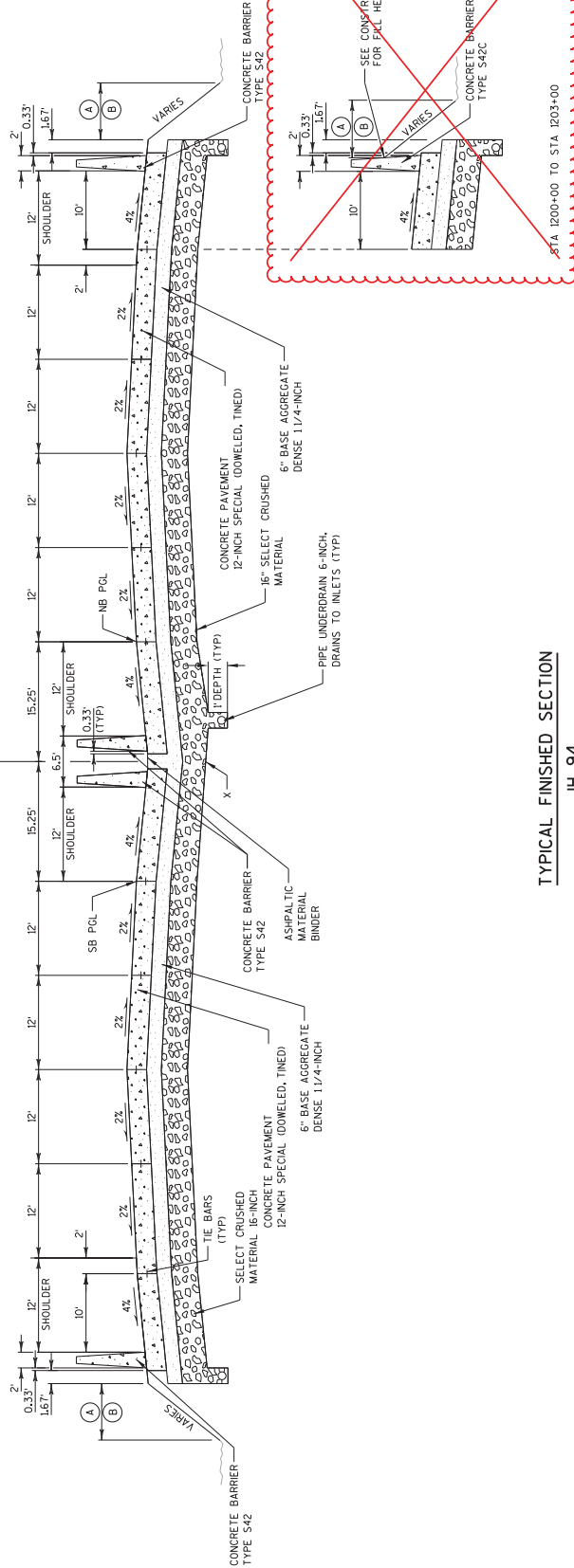
WIDENING DETAILS

Addendum No. 01  
ID 1035-01-79  
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STA 1171+50 TO STA 1188+00

R/L



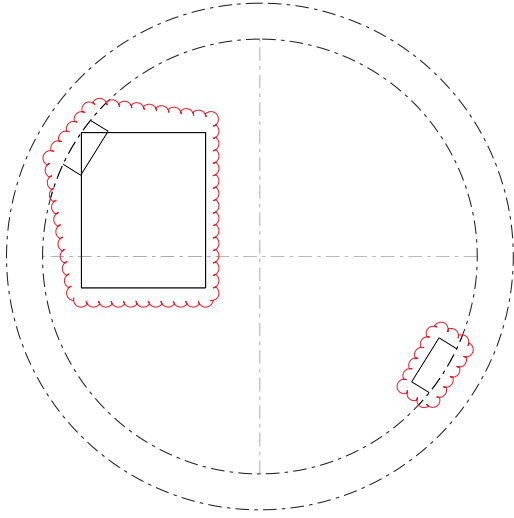
TYPICAL FINISHED SECTION

IH 94

STA 1188+00 TO STA 1213+00

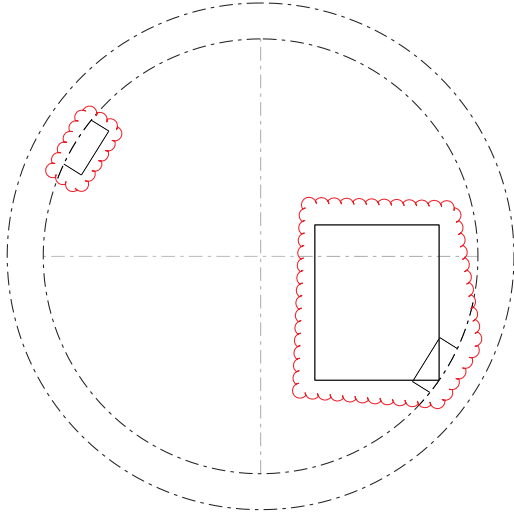
- NOTE:
- (A) SEEDING MIXTURE NO. 30 SPECIAL AND FERTILIZER TYPE B SPECIAL
  - (B) 4" SALVAGED TOPSOIL AND MULCHING OR EROSION MAT
- PCL = POINT REFERRED TO ON PROFILE  
X = POINT REFERRED TO ON CROSS SECTION

STAGE 4 CONFIGURATION



ROTATED TOP 90°  
SEE STORM SEWER PLANS  
FOR DETAILS

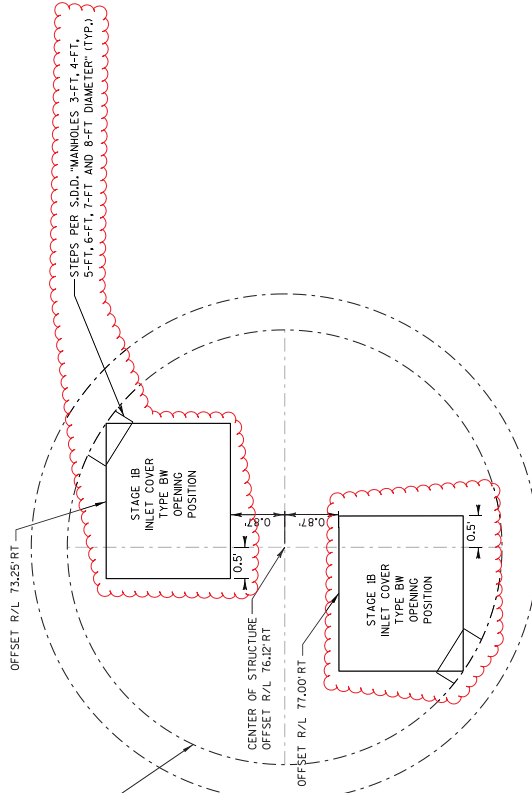
STAGE 1B CONFIGURATION



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ID 1035-01-79  
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July 3, 2018

NOTES

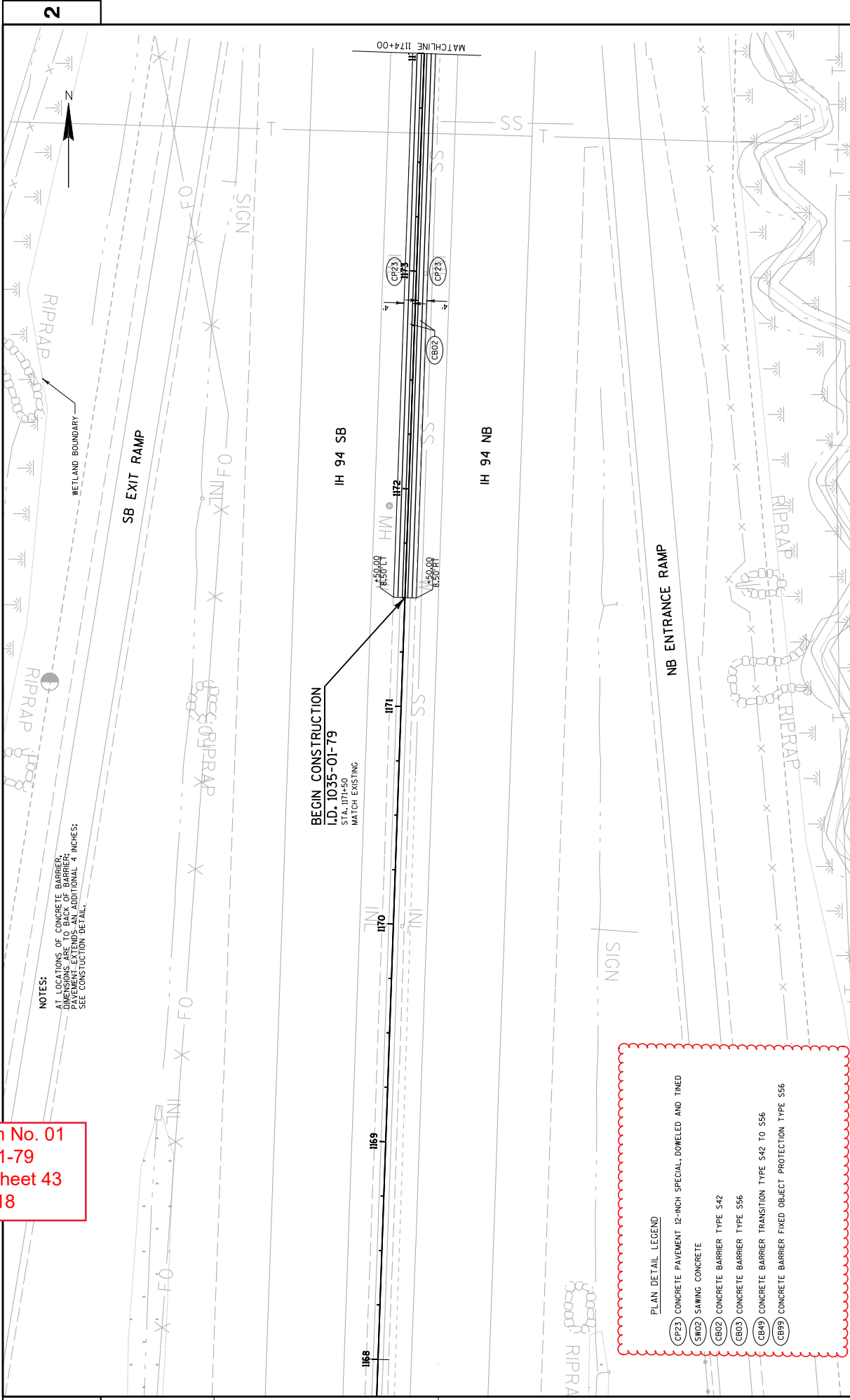
- CONTRACTOR TO PROVIDE ECCENTRIC TOPS FOR IH 94 NORTHBOUND OUTSIDE SHOULDER STRUCTURES AS IDENTIFIED IN STORM SEWER PLANS.
- PROVIDE A SINGLE OPENING FOR A INLET COVER TYPE BW.
- ADJUST OR RECONSTRUCT MANHOLE IN STAGE 4 AND ROTATE ECCENTRIC TOP 90°.



MANHOLE 7-FT DIAMETER TOP, ECCENTRIC

PROJECT NO: 1035-01-79	COUNTY: RACINE	CONSTRUCTION DETAILS	SHEET 16	E
HWY: IH 94	FILE NAME : Z:\Racine\CADD\520\20M\CDS\021001.ctb.dgn	PLOT BY : James.Buggs	PLOT SCALE : 1:200	WISDOT/CADD SHEET 42

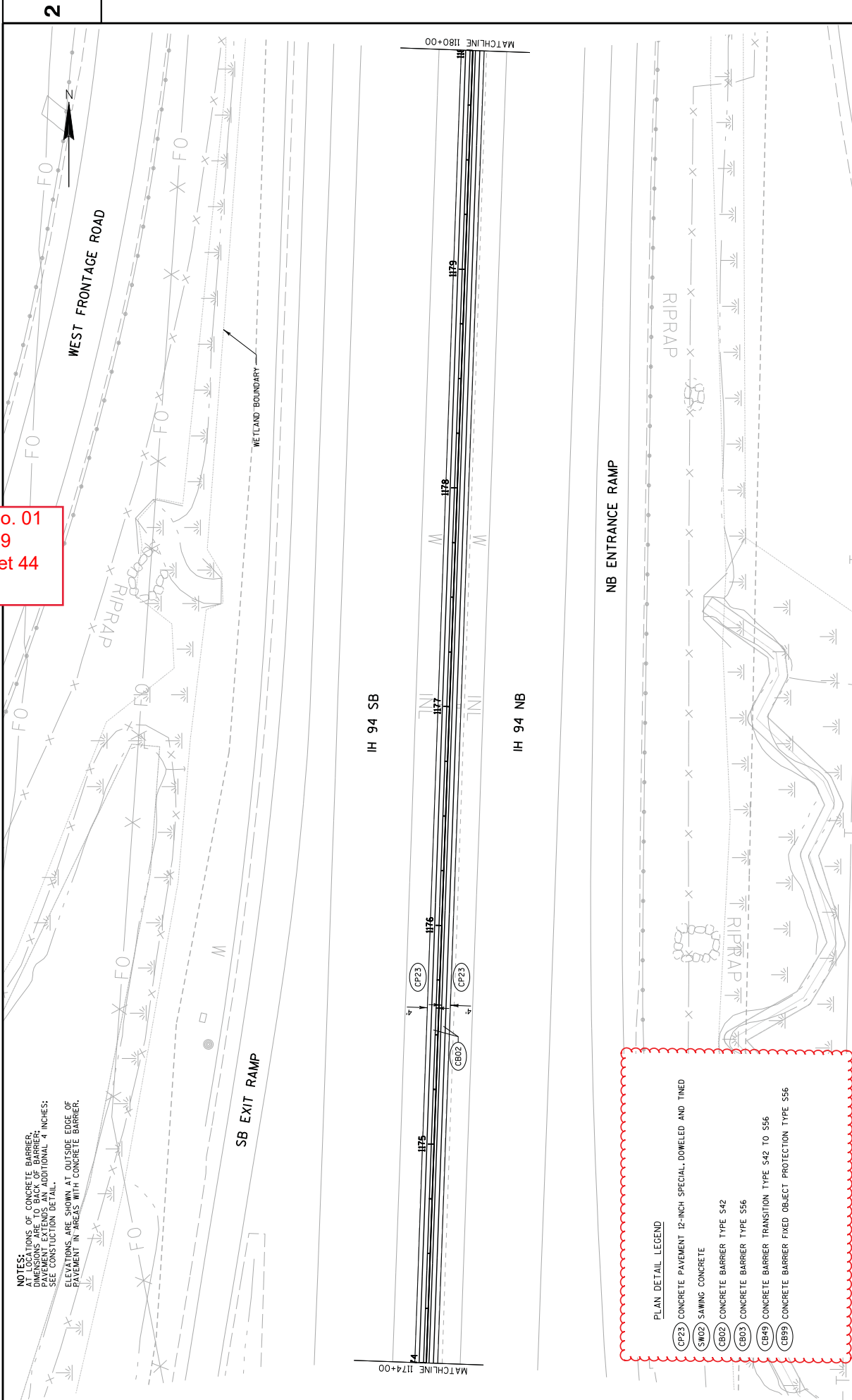
Addendum No. 01  
 ID 1035-01-79  
 Revised Sheet 43  
 July 3, 2018



2

2

Addendum No. 01  
 ID 1035-01-79  
 Revised Sheet 44  
 July 3, 2018

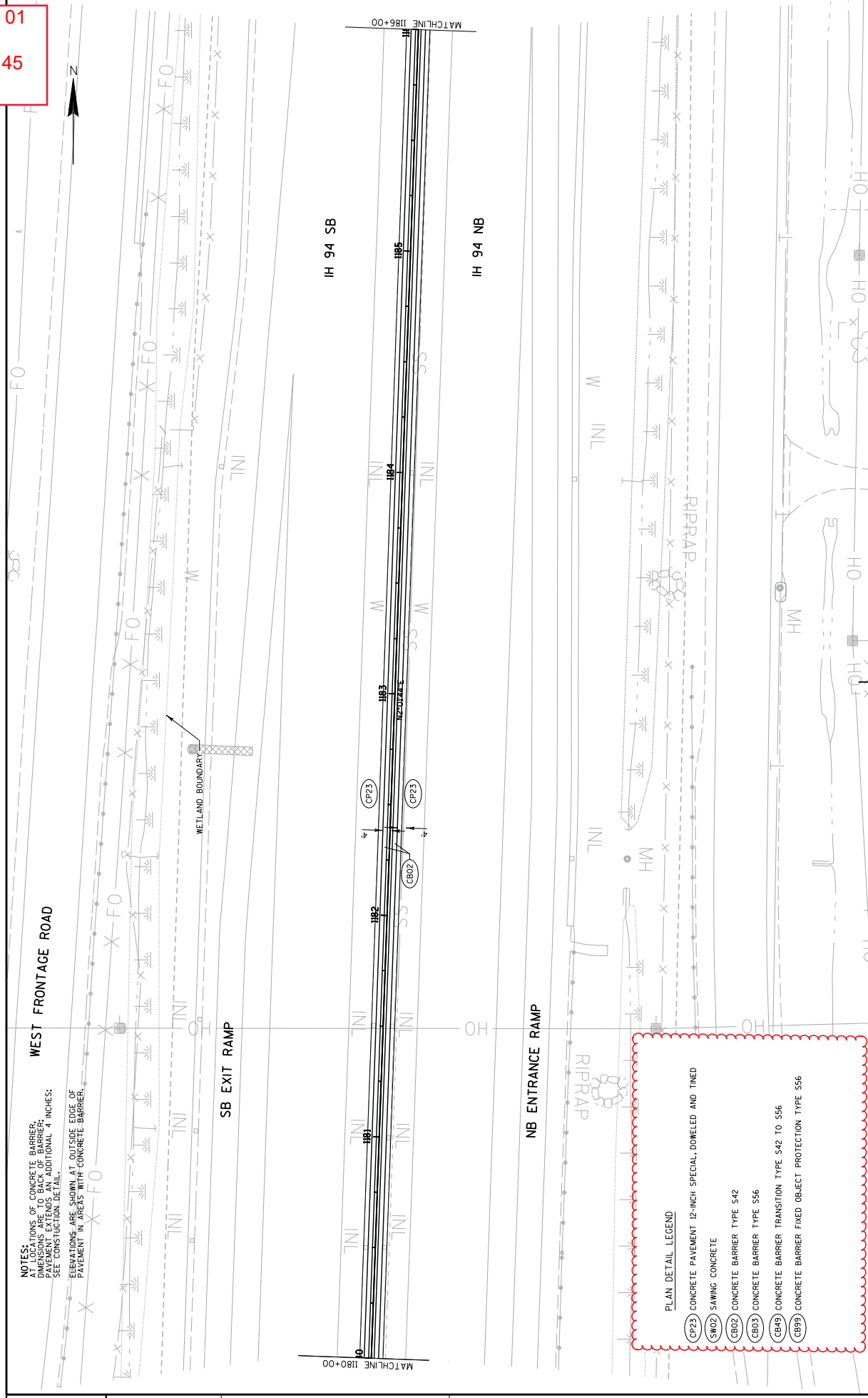


NOTES:  
 AT LOCATIONS OF CONCRETE BARRIER,  
 PAVERS SHALL PLACE CONCRETE  
 PAVEMENT 4 INCHES BEHIND BARRIER.  
 PAVEMENT SHALL EXTEND AN ADDITIONAL 4 INCHES;  
 SEE CONSTRUCTION DETAIL.  
 ELEVATIONS ARE SHOWN AT OUTSIDE EDGE OF  
 PAVEMENT IN AREAS WITH CONCRETE BARRIER.

PLAN DETAIL LEGEND

- (CP23) CONCRETE PAVEMENT 12-INCH SPECIAL, DOWELED AND TINED
- (SW02) SAWING CONCRETE
- (CB02) CONCRETE BARRIER TYPE S42
- (CB03) CONCRETE BARRIER TYPE S56
- (CB49) CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- (CB99) CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56

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NOTES:  
 AT LOCATIONS OF CONCRETE BARRIER,  
 PAVEMENTS EXTENDS BACK OF BARRIERS  
 SEE CONSTRUCTION DETAIL.  
 ELEVATIONS ARE SHOWN AT OUTSIDE EDGE OF  
 PAVEMENT IN AREAS WITH CONCRETE BARRIER.

**PLAN DETAIL LEGEND**

- (CP23) CONCRETE PAVEMENT 12-INCH SPECIAL, DOWELED AND TINED
- (SW02) SAWING CONCRETE
- (CB02) CONCRETE BARRIER TYPE S42
- (CB03) CONCRETE BARRIER TYPE S56
- (CB49) CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- (CB99) CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56

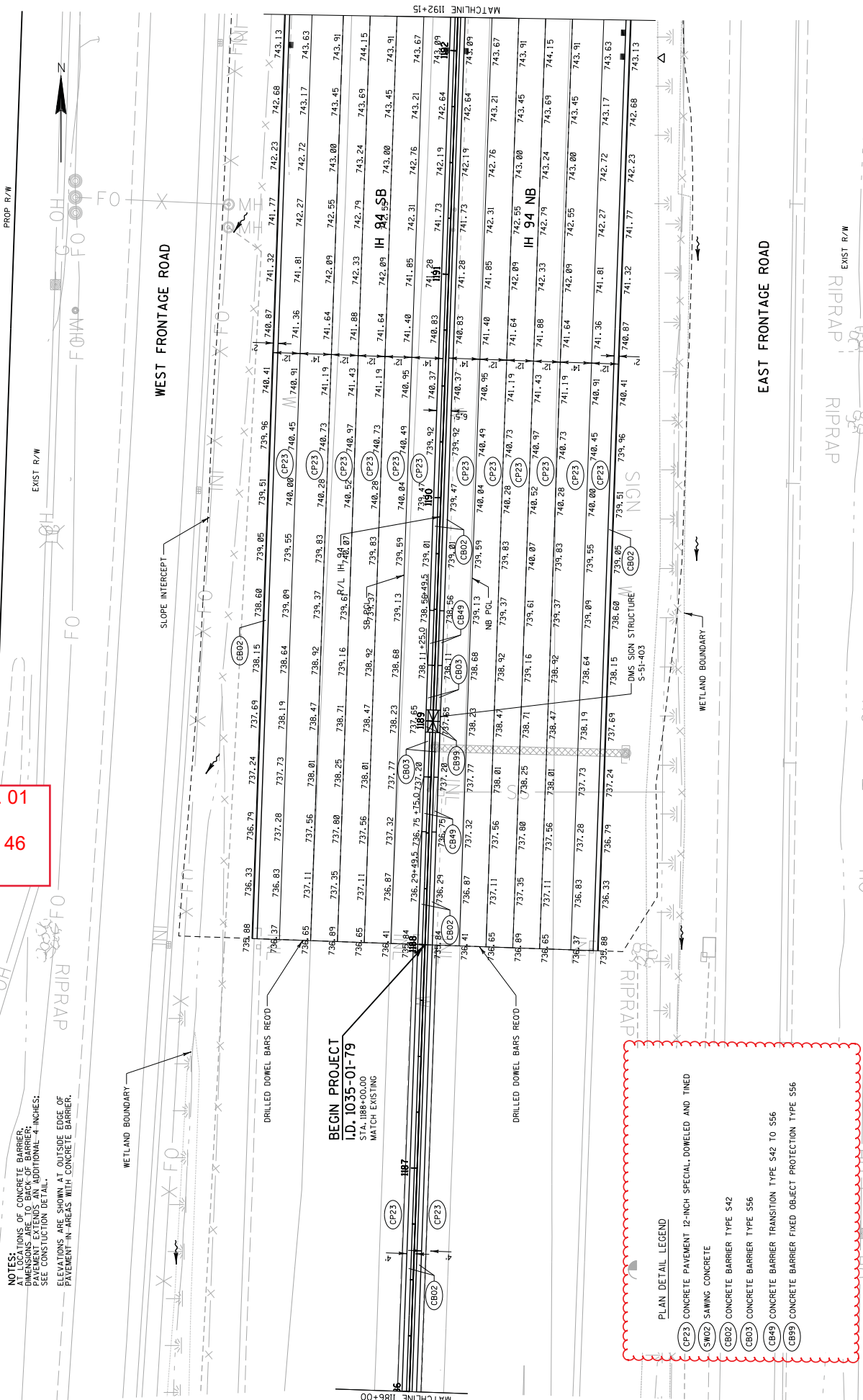
2

2



Addendum No. 01  
 ID 1035-01-79  
 Revised Sheet 46  
 July 3, 2018

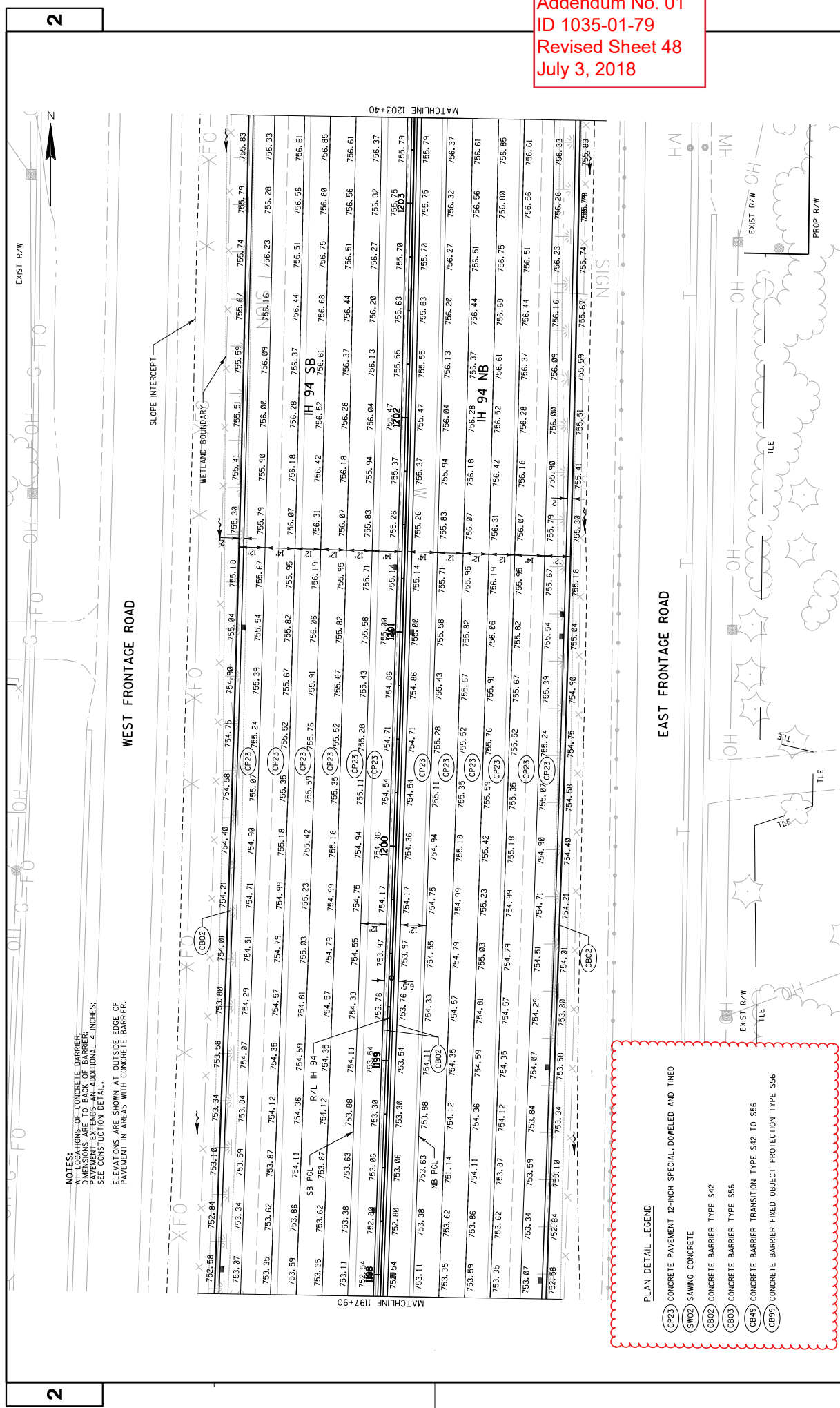
NOTES:  
 AT LOCATIONS OF CONCRETE BARRIER,  
 PAVEMENT EXTENDS BACK OF BARRIER.  
 PAVEMENT EXTENDS AN ADDITIONAL 4 INCHES;  
 SEE CONSTRUCTION DETAIL.  
 ELEVATIONS ARE SHOWN AT OUTSIDE EDGE OF  
 PAVEMENT IN AREAS WITH CONCRETE BARRIER.



- PLAN DETAIL LEGEND
- (CP23) CONCRETE PAVEMENT 12-INCH SPECIAL, DOWELED AND TINED
  - (SW02) SAWING CONCRETE
  - (CB02) CONCRETE BARRIER TYPE S42
  - (CB03) CONCRETE BARRIER TYPE S56
  - (CB49) CONCRETE BARRIER TRANSITION TYPE S42 TO S56
  - (CB99) CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56

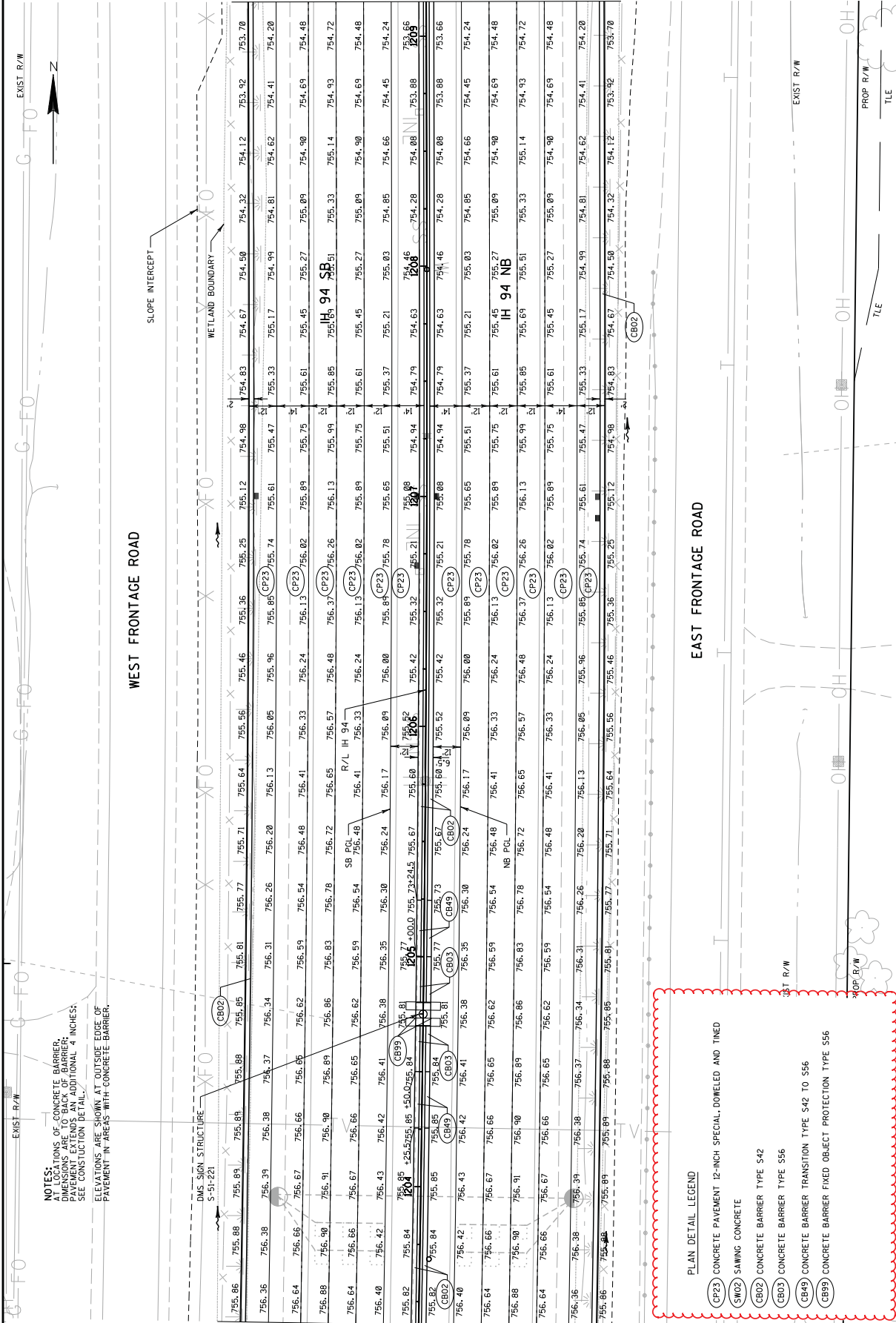


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 ID 1035-01-79  
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 July 3, 2018



NOTES:  
 AT LOCATIONS OF CONCRETE BARRIER,  
 DIMENSIONS ARE TO BACK OF BARRIER;  
 DIMENSIONS ARE TO BACK OF BARRIER;  
 SEE CONSTRUCTION DETAIL.  
 ELEVATIONS ARE SHOWN AT OUTSIDE EDGE OF  
 PAVEMENT IN AREAS WITH CONCRETE BARRIER.

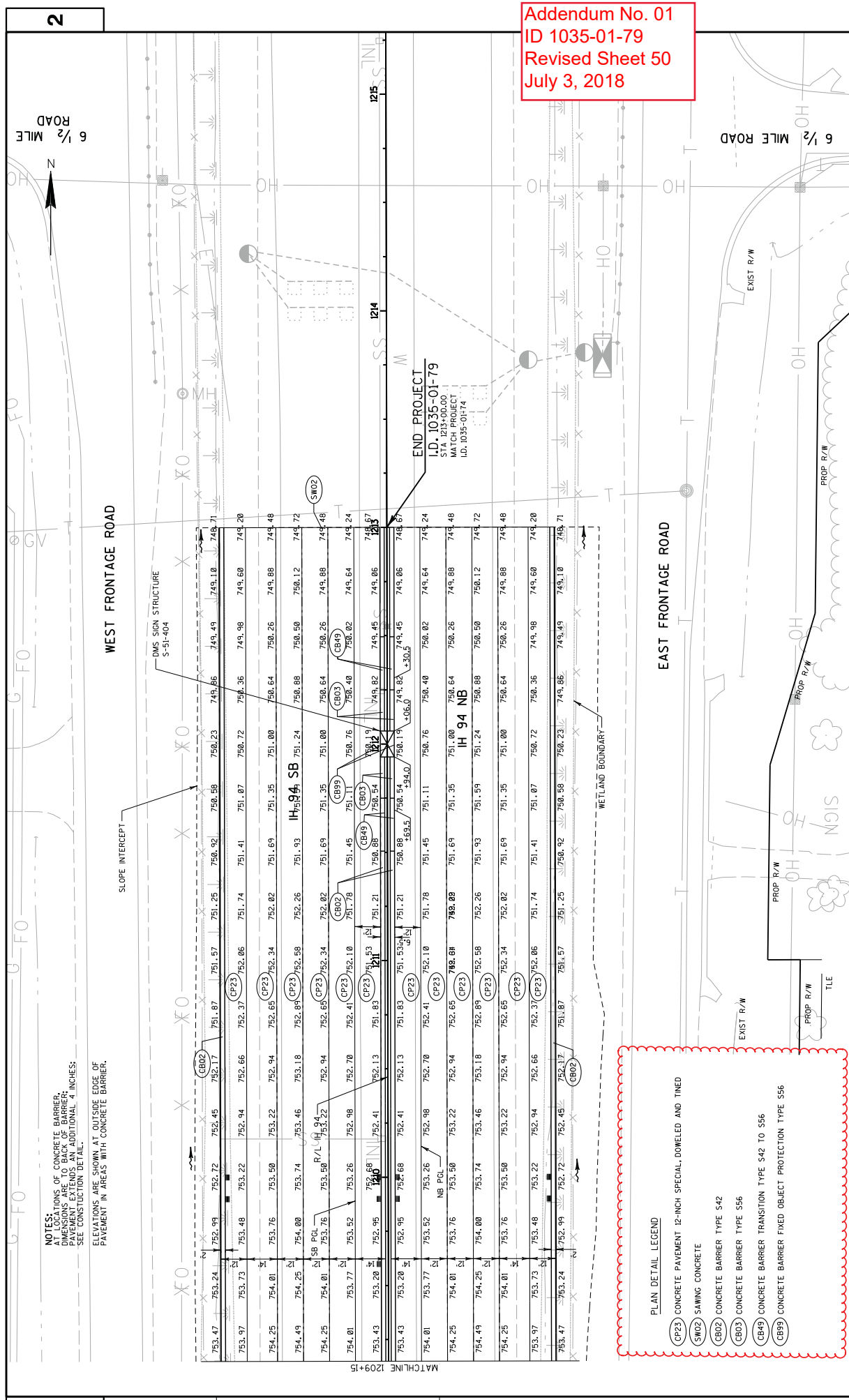
PLAN DETAIL LEGEND  
 (CP23) CONCRETE PAVEMENT 12-INCH SPECIAL, DOWELED AND TINED  
 (SW02) SAWING CONCRETE  
 (CB02) CONCRETE BARRIER TYPE S42  
 (CB03) CONCRETE BARRIER TYPE S56  
 (CB49) CONCRETE BARRIER TRANSITION TYPE S42 TO S56  
 (CB99) CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56



NOTES:  
 AT LOCATIONS OF CONCRETE BARRIER,  
 DIMENSIONS ARE TO BACK OF BARRIER,  
 UNLESS NOTED OTHERWISE. ADDITIONAL 4 INCHES  
 SEE CONSTRUCTION DETAIL.  
 ELEVATIONS ARE SHOWN AT OUTSIDE EDGE OF  
 PAVEMENT IN AREAS WITH CONCRETE BARRIER.

- PLAN DETAIL LEGEND
- (CP23) CONCRETE PAVEMENT 12-INCH SPECIAL, DOWELED AND TINED
  - (SWO2) SAWING CONCRETE
  - (CB02) CONCRETE BARRIER TYPE S42
  - (CB03) CONCRETE BARRIER TYPE S56
  - (CB49) CONCRETE BARRIER TRANSITION TYPE S42 TO S56
  - (CB99) CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56

Addendum No. 01  
 ID 1035-01-79  
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 July 3, 2018

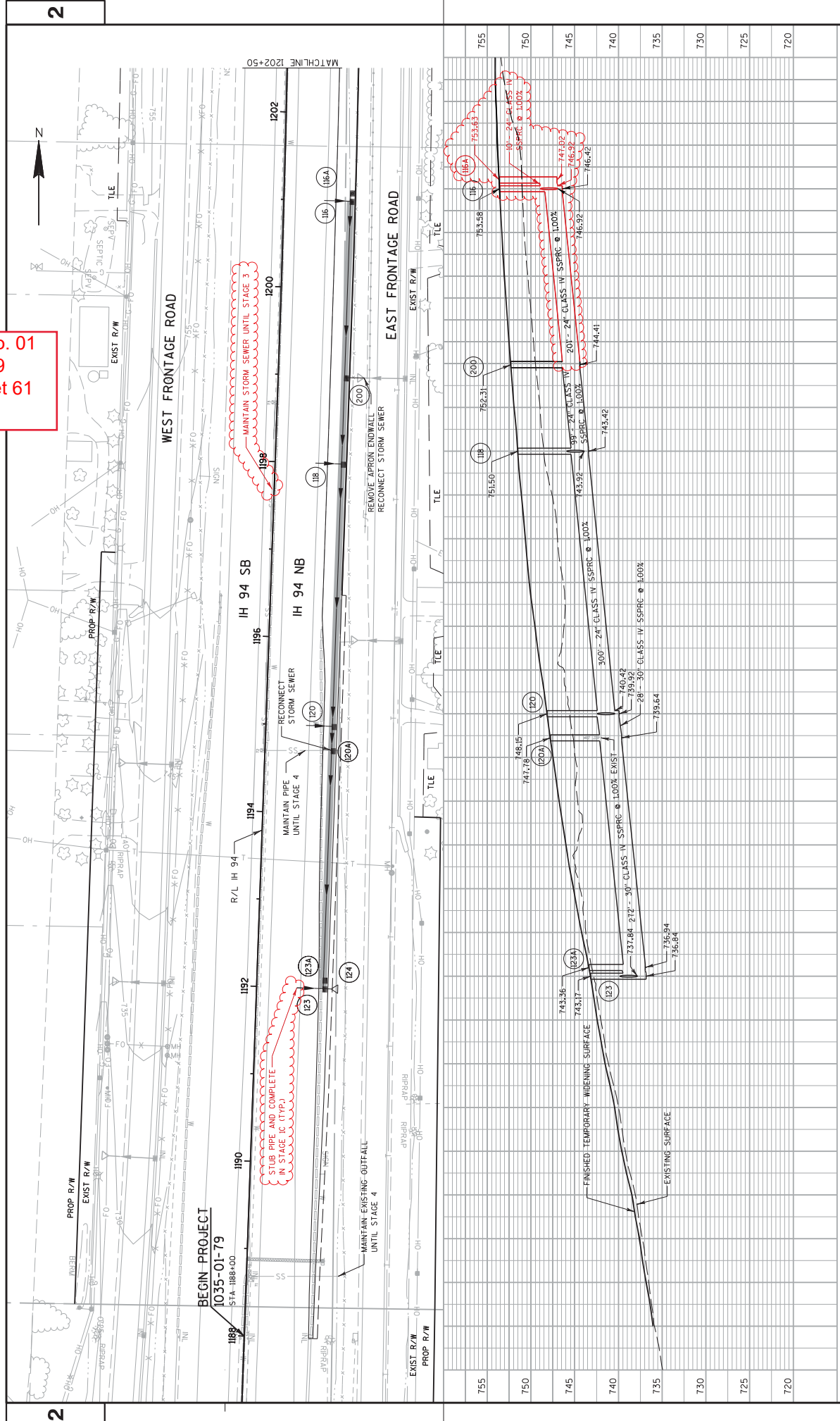


NOTES:  
 AT LOCATIONS OF CONCRETE BARRIER,  
 DIMENSIONS ARE TO BACK OF BARRIER,  
 UNLESS OTHERWISE NOTED. ADDITIONAL 4" INCHES  
 SEE CONSTRUCTION DETAIL.  
 ELEVATIONS ARE SHOWN AT OUTSIDE EDGE OF  
 PAVEMENT IN AREAS WITH CONCRETE BARRIER.

**PLAN DETAIL LEGEND**

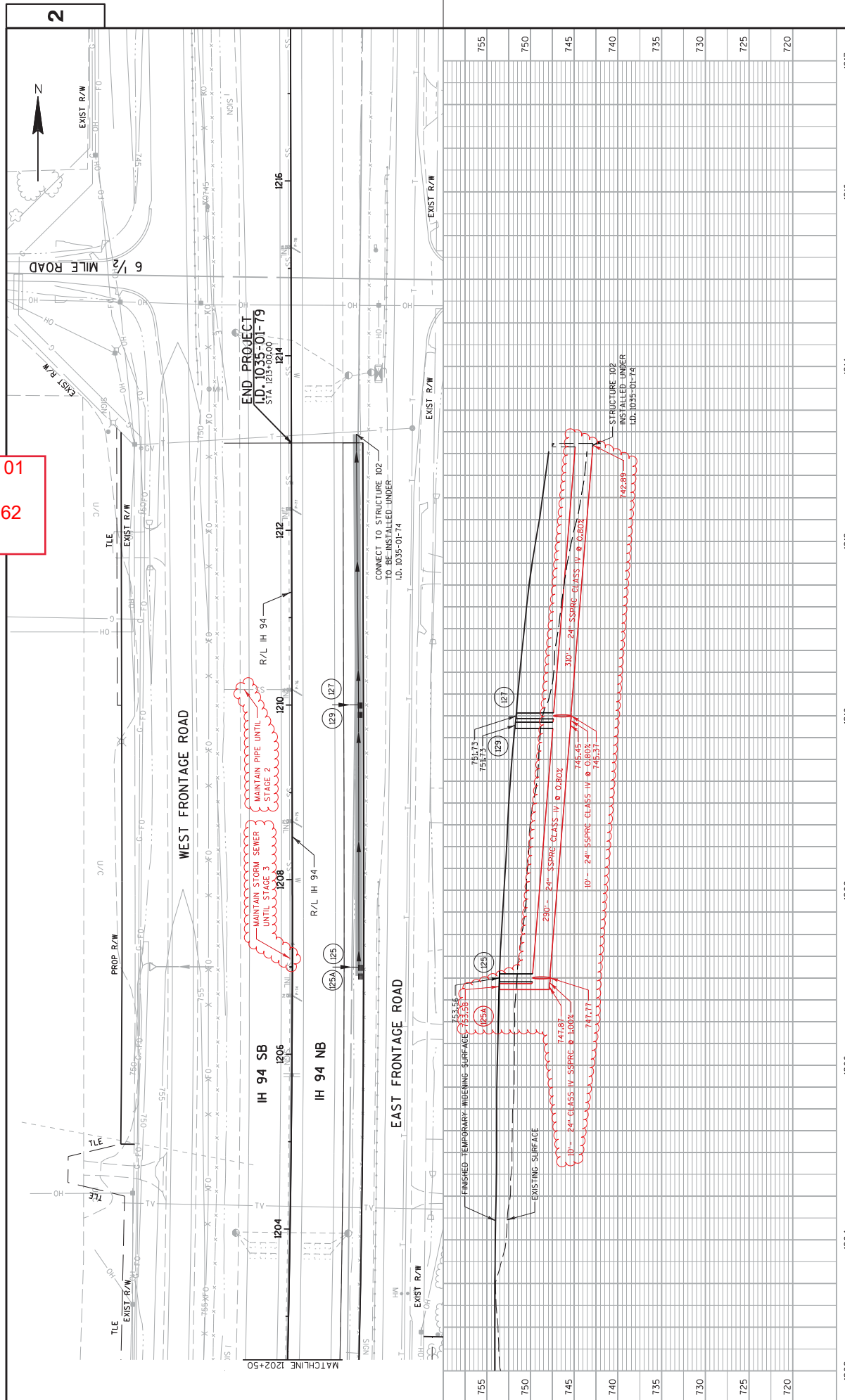
- (CP23) CONCRETE PAVEMENT 12-INCH SPECIAL, DOWELED AND TINED
- (SW02) SAWING CONCRETE
- (CB02) CONCRETE BARRIER TYPE S42
- (CB03) CONCRETE BARRIER TYPE S56
- (CB49) CONCRETE BARRIER TRANSITION TYPE S42 TO S56
- (CB99) CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56

Addendum No. 01  
 ID 1035-01-79  
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 July 3, 2018



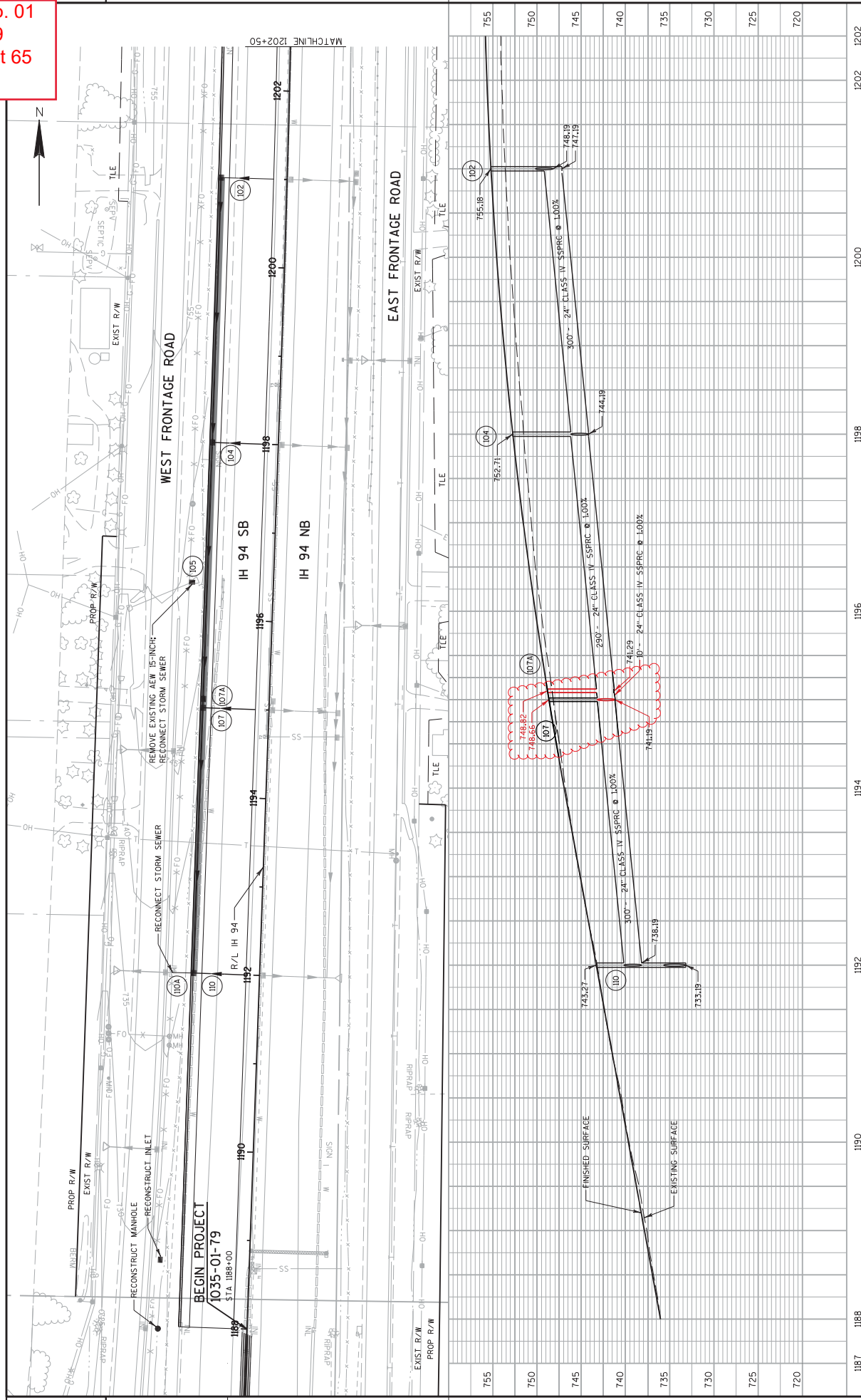
1187	1188	1190	1192	1194	1196	1198	1200	1202	1202	
PROJECT NO: 1035-01-79			COUNTY: RACINE			STORM SEWER: STAGE 1B			SHEET 61	
HWY: IH 94			PROJECT NAME: #FILES			PLOT NAME: James.buggs			PLOT SCALE: 1:100	
FILE NAME: Z:\Proc\ne\CADD\520_20M\CDS\022501_ss.dgn			PLOT DATE: 6/28/2018			PLOT BY: James.buggs			WSDOT/CADD SHEET 410	

Addendum No. 01  
 ID 1035-01-79  
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 July 3, 2018



1202	1204	1206	1208	1210	1212	1214	1216	1217
755	750	745	740	735	730	725	720	
PROJECT NO: 1035-01-79								
COUNTY: RACINE			STORM SEWER: STAGE 1B			SHEET 62		
HWY: IH 94			PLOT NAME: #FILES			WISDOT/CADD SHEET 410		
FILE NAME: Z:\Noc\ne\CADD\520-20M\CDS\022502-ss.dgn			PLOT DATE: 6/28/2018			PLOT SCALE: 1:100		

Addendum No. 01  
 ID 1035-01-79  
 Revised Sheet 65  
 July 3, 2018

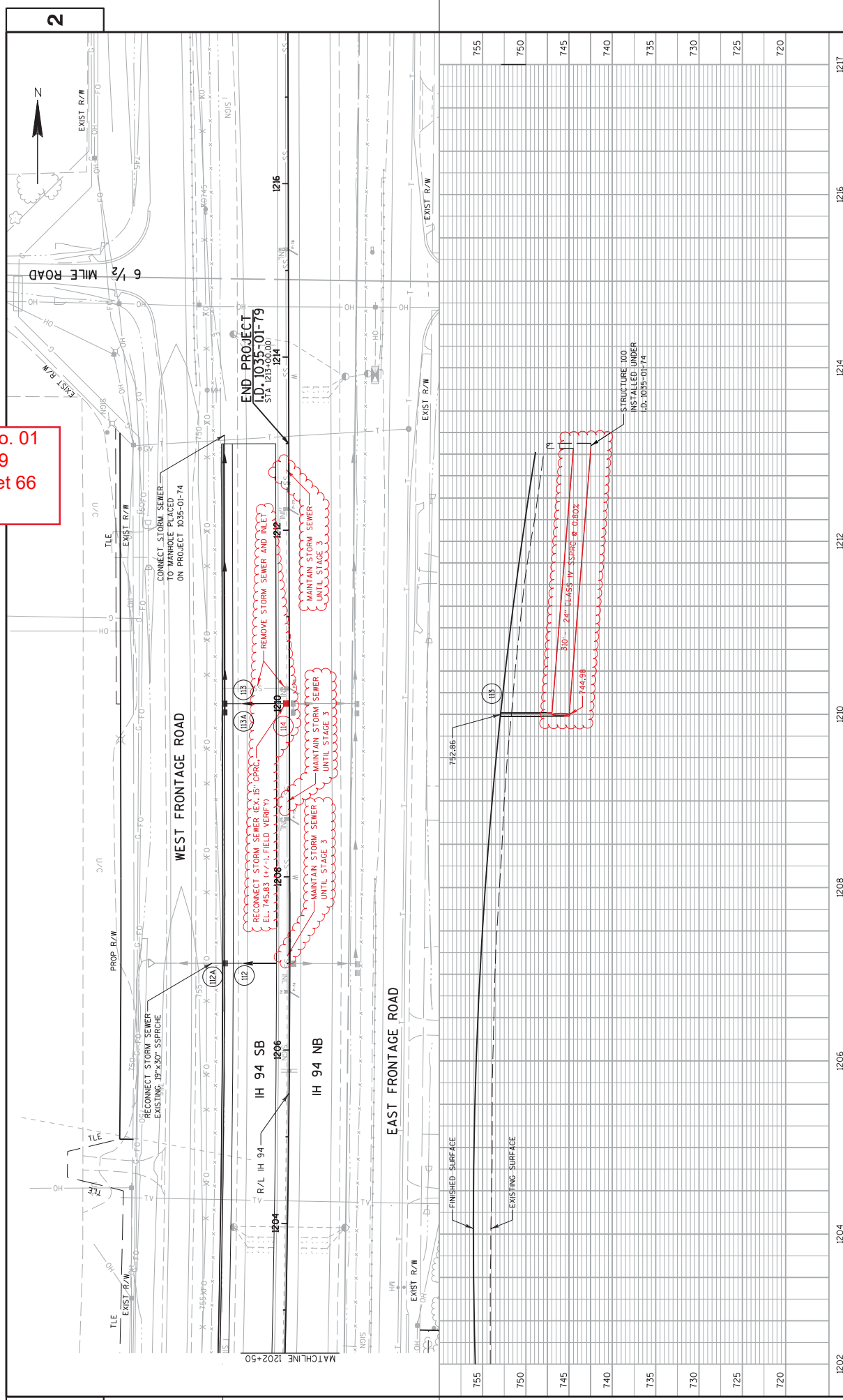


1187	1188	1190	1192	1194	1196	1198	1200	1202	1202
PROJECT NO: 1035-01-79									
COUNTY: RACINE									
HWY: IH 94									
STORM SEWER: STAGE 2									
PLOT NAME: James.buggs									
PLOT SCALE: 1:100									
SHEET 65									
WSDOT/CADD SHEET 410									

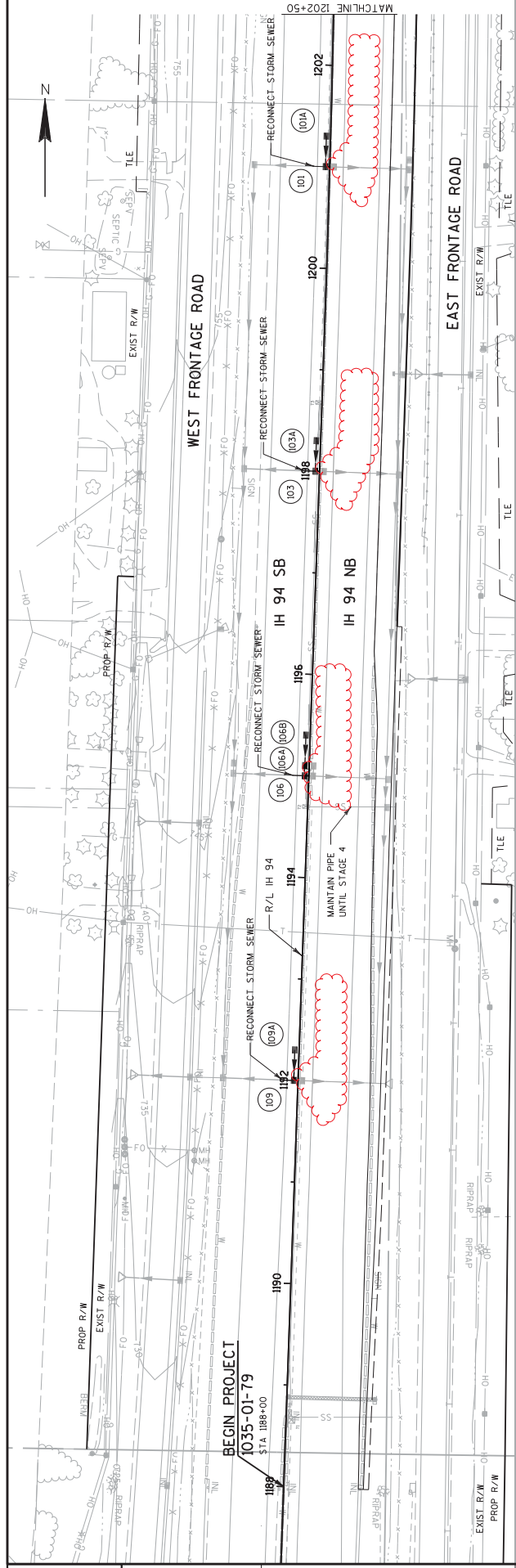
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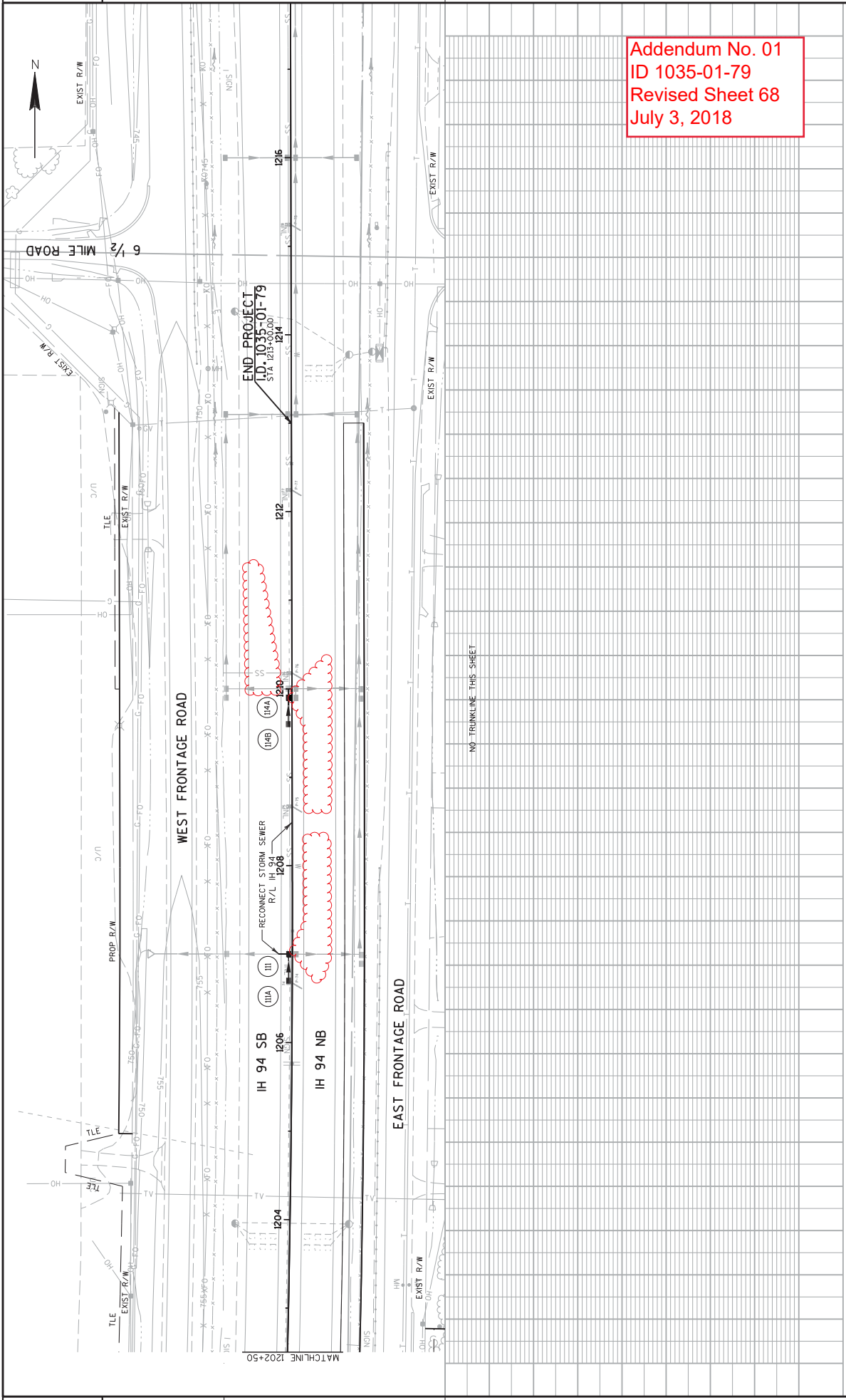
Addendum No. 01  
 ID 1035-01-79  
 Revised Sheet 66  
 July 3, 2018



1202	1204	1206	1208	1210	1212	1214	1216	1217
755	750	745	740	735	730	725	720	
PROJECT NO: 1035-01-79 COUNTY: RACINE HWY: IH 94 STORM SEWER: STAGE 2 SHEET 66 E								

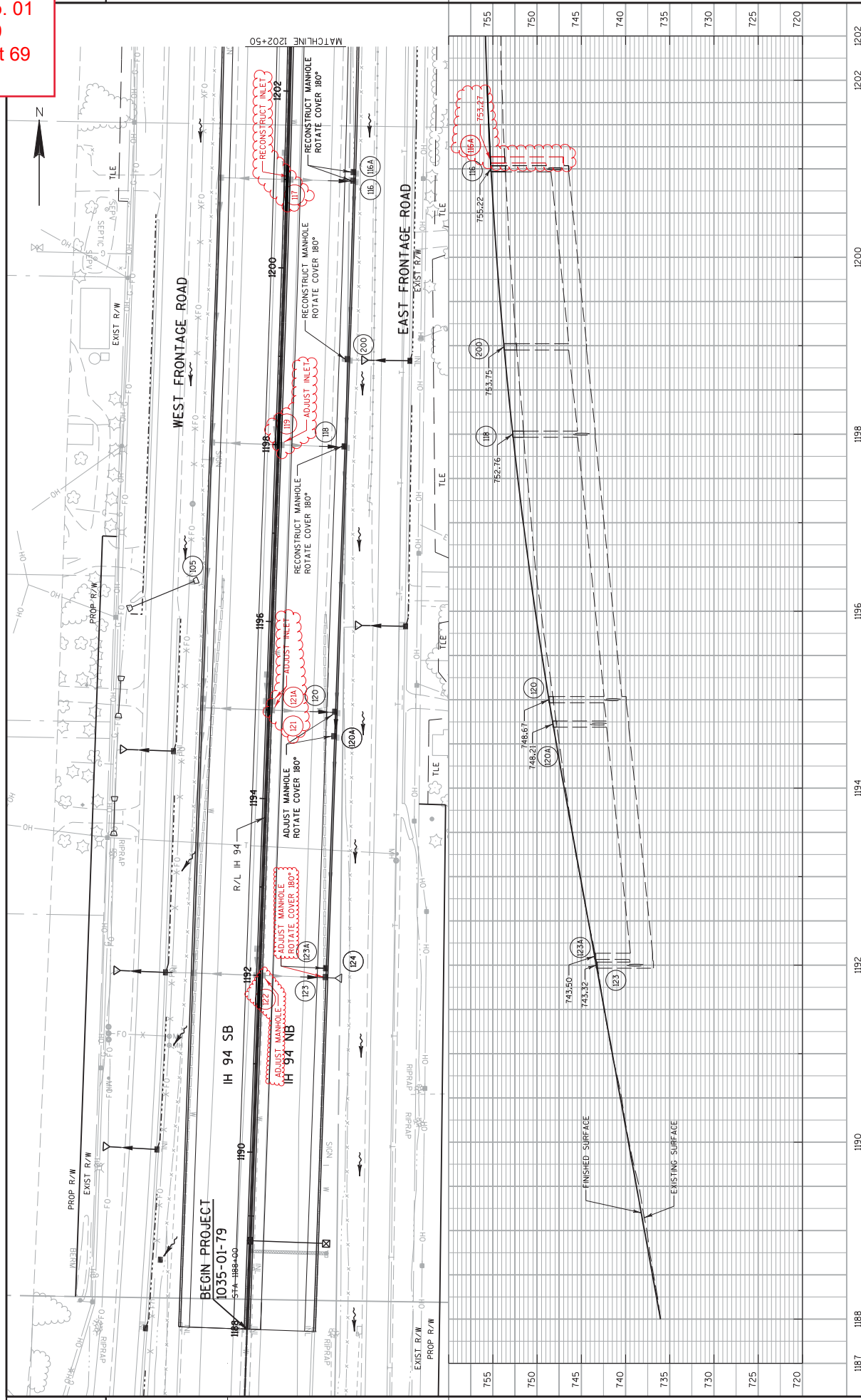


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 ID 1035-01-79  
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 July 3, 2018



Addendum No. 01  
 ID 1035-01-79  
 Revised Sheet 68  
 July 3, 2018

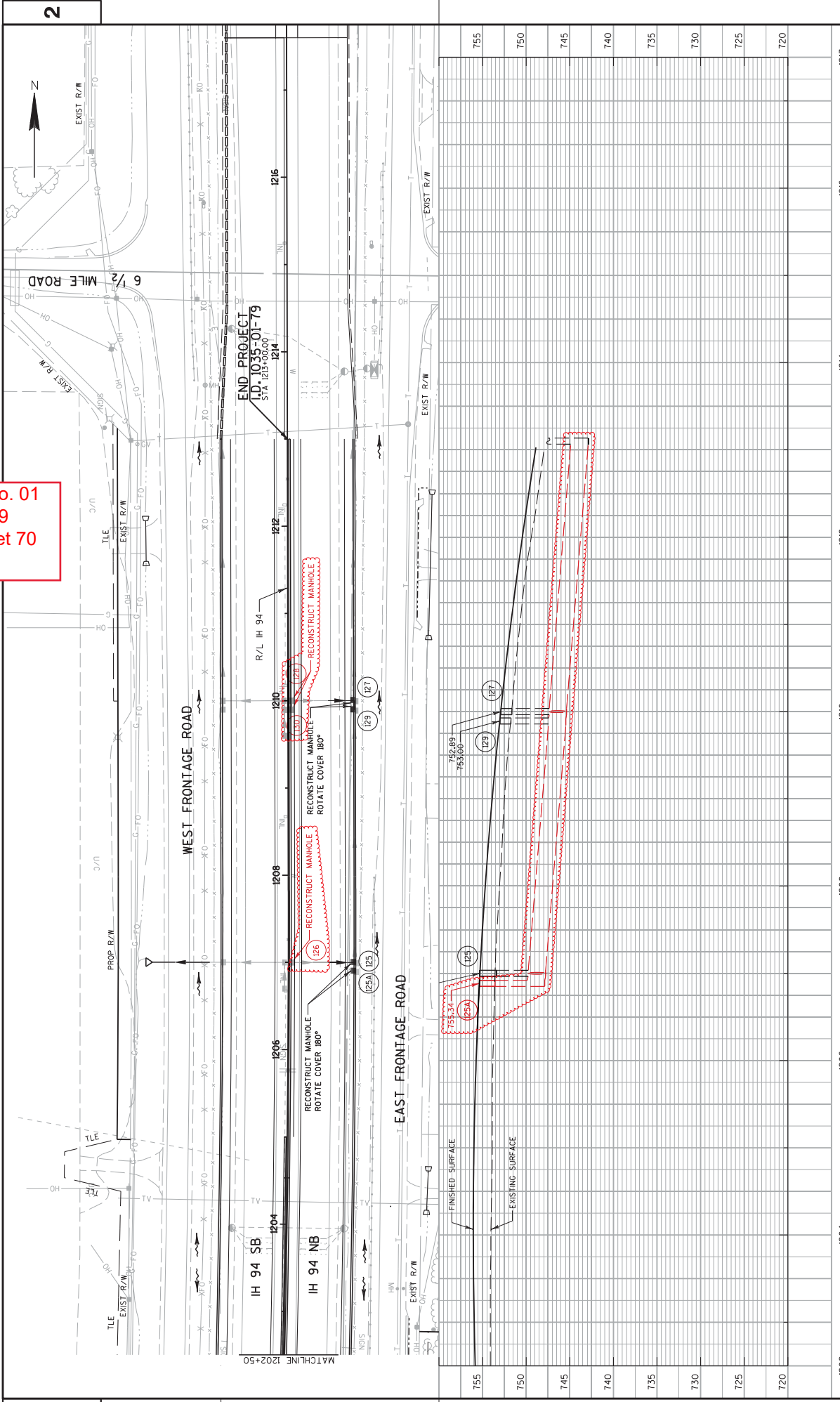
Addendum No. 01  
 ID 1035-01-79  
 Revised Sheet 69  
 July 3, 2018



1187	1188	1190	1192	1194	1198	1200	1202
PROJECT NO: 1035-01-79				COUNTY: RACINE		STORM SEWER: STAGE 4	
HWY: IH 94				SHEET 69			
E							

FILE NAME : Z:\Roc\ne\CADD\520\_20M\GIS\022509-ss.dgn  
 PLOT DATE : 6/28/2018  
 PLOT BY : James.buggs  
 PLOT NAME : \$FILES  
 PLOT SCALE : 1:100  
 WSDOT/CADD SHEET 410

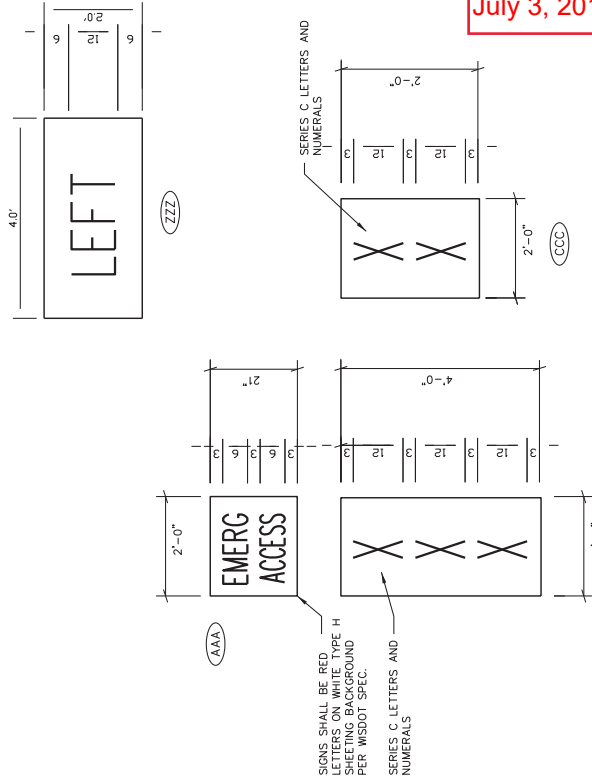
Addendum No. 01  
 ID 1035-01-79  
 Revised Sheet 70  
 July 3, 2018



1202	1204	1206	1208	1210	1212	1214	1216	1217
PROJECT NO: 1035-01-79								
HWY: IH 94			COUNTY: RACINE			STORM SEWER: STAGE 4		
SHEET 70								
WISDOT/CADD'S SHEET 410								

FILE NAME : Z:\Roc\ne\CADD'S\20\20M\CDS\022510-ss.dgn  
 PLOT DATE : 6/28/2018  
 PLOT BY : James.buggs  
 PLOT NAME : #FILES  
 PLOT SCALE : 1:100

WORK\_ZONE\_INGRESS/EGRESS



Addendum No. 01  
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Revised Sheet 84  
July 3, 2018

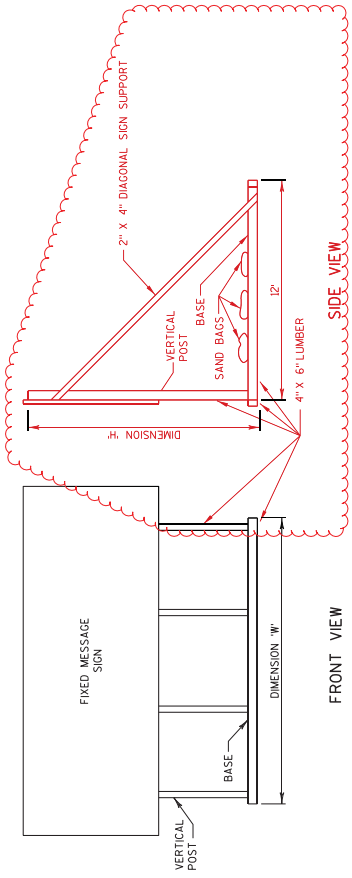
XXX REPRESENTS ACCESS POINT NUMBERS, AND WILL CHANGE FROM LOCATION TO LOCATION.

EMERGENCY ACCESS SIGNS

NOTES

1. AFTER SIGNS HAVE BEEN LOCATED IN THE FIELD, BUT BEFORE INSTALLATION, THE SIGNING AND MARKING SUPERVISOR SHALL VERIFY EACH SIGN LOCATION.
2. ALL SIGNS TO BE MOUNTED ON WOODEN POST SUPPORTS (4"X6"). THE NUMBER OF POSTS REQUIRED FOR EACH LAYOUT IS SHOWN. STEEL POSTS (2"X2") MAY BE USED FOR SIGNS ON SURFACE STREETS. SIGNS WHERE NO POSTS ARE SHOWN TO BE MOUNTED ON EXISTING SIGNS. FOR SIGNS MOUNTED ON POSTS, USE POSTS FROM FHWA LIST OF ACCEPTED BREAKAWAY SIGN SUPPORTS.
3. SIGNS ON THIS SHEET TO BE PAID UNDER THE ITEM "TRAFFIC CONTROL SIGNS FIXED MESSAGE".
4. SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE TYPE F REFLECTIVE BACKGROUND UNLESS OTHERWISE NOTED.
5. ALL SIGNS SHALL HAVE CAPITAL LETTERS AND NUMERALS: 12" AND 8" CAPS SHALL BE SERIES "D", 6" CAPS SHALL BE SERIES "C" UNLESS OTHERWISE NOTED.
6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO MANUFACTURING.
7. SIGN BASE MATERIAL SHALL BE ACCORDING TO SECTION 637.2.1.2..
8. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

(XXX) = FIXED MESSAGE SIGN NUMBER

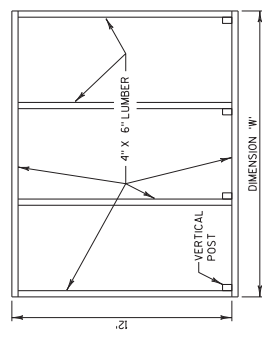


ANTICIPATED DIMENSIONS & POSTS REQUIRED (FOR INFO ONLY, CONTRACTOR IS TO VERIFY)

STAGE	NO. OF SIGNS	H <sub>1</sub> (FT)	H <sub>2</sub> (FT)	NO. OF POSTS OF HEIGHT H <sub>1</sub>	NO. OF POSTS OF HEIGHT H <sub>2</sub>
1	2001	6.3'	12'	2	2
2	3	2002	5.4'	12'	2
4	5A	2003	8.1'	12'	2
1B	2004	6.6'	13'	2	2

NOTES

1. SEE TRAFFIC CONTROL SHEETS FOR SIGN LOCATIONS.
2. TWO DIAGONAL SUPPORTS SHALL BE INCLUDED AND AFFIXED TO THE OUTSIDE SUPPORTS.
3. DIAGONAL SUPPORTS, VERTICAL POSTS AND BASE LUMBER ARE ALL INCLUDED IN THE "FIXED MESSAGE SIGN PORTABLE SUPPORT" ITEM.
4. PROVIDE AN ADEQUATE NUMBER OF SAND BAGS TO HOLD THE SIGN IN PLACE. SAND BAGS ARE INCLUDED IN THE "FIXED MESSAGE SIGN PORTABLE SUPPORT" ITEM.
5. SEE "TYPICAL INSTALLATION OF TYPE B SIGNS ON MULTIPLE POSTS" SIGN PLATE FOR ADDITIONAL REQUIREMENTS.



BASE PLAN VIEW

FIXED MESSAGE SIGN PORTABLE SUPPORT SPECIAL

NOTE:  
THIS INSTALLATION METHOD ONLY ALLOWED WHEN BEHIND BARRIER WALL OR GUARDRAIL WHERE POSTS CANNOT BE INSTALLED INTO GROUND

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ID 1035-01-79  
Revised Sheet 147  
July 3, 2018

TEMPORARY EMERGENCY PULLOUTS

205.3000.S  
TEMPORARY  
EMERGENCY  
PULLOUTS

CATEGORY	LOCATION	EACH	BASE AGGREGATE DENSE TON	SIGNS EACH	PERMANENT SIGN SUPPORTS EACH	COMMENTS
1000	IH94	2	400	2	2	12-FT WIDTH
DETERMINED BY ENGINEER IN FIELD						
<b>TOTAL</b>		<b>2</b>				

REMOVING PAVEMENT

204.0100\*  
REMOVING  
PAVEMENT

CATEGORY	STAGE	STATION	SY	SY
1000	1B	IH 94 NORTHBOUND 1188+00 - 1188+25	--	222
ASPHALTIC SURFACE BUTT JOINTS				
			222	222
2		IH 94 SOUTHBOUND 1188+85 - 1213+00	12,489	--
<b>SUBTOTAL</b>			<b>12,489</b>	
3		MEDIAN 1188+85 - 1191+20 1202+65 - 1213+00	689 2,895	--
<b>SUBTOTAL</b>			<b>3,584</b>	
4		IH 94 NORTHBOUND 1188+00 - 1213+00 1188+00 - 1188+25	12,451 --	--
<b>SUBTOTAL</b>			<b>12,451</b>	
<b>TOTALS</b>			<b>28,524</b>	<b>222</b>

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

REMOVING SLOTTED VANE DRAIN

204.9060.S.0005  
REMOVING  
SLOTTED  
VANE DRAIN

CATEGORY	STATION	EACH	COMMENTS
1000	IH 94 MEDIAN		
	1171+68 - 1172+98	1	130' LENGTH
	1174+00 - 1177+00	1	300' LENGTH
	1178+10 - 1180+50	1	240' LENGTH
	1180+60 - 1181+00	1	40' LENGTH
	1181+00 - 1181+40	1	40' LENGTH
	1181+50 - 1183+90	1	240' LENGTH
	1184+00 - 1186+40	1	240' LENGTH
	1194+76 - 1194+96	1	20' LENGTH
	1195+50 - 1195+70	1	20' LENGTH
	1197+20 - 1197+60	1	40' LENGTH
	1198+60 - 1199+00	1	40' LENGTH
	1206+60 - 1206+68	1	12' LENGTH
	1208+61 - 1208+67	1	12' LENGTH
	1210+11 - 1210+17	1	12' LENGTH
	1212+18 - 1212+25	1	12' LENGTH
<b>TOTAL</b>		<b>15</b>	

REMOVING DELINEATORS AND MARKERS

204.0180  
REMOVING  
DELINEATORS  
AND MARKERS

CATEGORY	STAGE	STATION	EACH	COMMENTS
1000	1A	IH 94 SOUTHBOUND 1188+00 - 1213+00	7	DELINEATORS
		IH 94 NORTHBOUND 1188+00 - 1213+00	7	DELINEATORS
<b>TOTAL</b>			<b>14</b>	

PROJECT NO: 1035-01-79

HWY: IH 94

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET

E

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**BASE AGGREGATE ITEMS**

CATEGORY	LOCATION	LOCATION	CY	305.0125*	312.0115*	SELECT CRUSHED MATERIAL
				BASE		
1000	IH94 NORTHBOUND	1188+00 - 1194+50	377		--	
	TEMPORARY WIDENING	1194+50 - 1213+00	1,743		--	
		<b>SUBTOTAL</b>	<b>2,120</b>			
	MEDIAN	IH 94 MEDIAN	434		856	
		<b>SUBTOTAL</b>	<b>434</b>		<b>856</b>	
	IH94 SOUTHBOUND	1188+00 - 1213+00	3,758		9,789	
		<b>SUBTOTAL</b>	<b>3,758</b>		<b>9,789</b>	
	IH94 NORTHBOUND	1188+00 - 1213+00	3,758		9,841	
		<b>SUBTOTAL</b>	<b>3,758</b>		<b>9,841</b>	
	IH 94 SOUTHBOUND	1188+00 - 1193+50	115		--	
	TEMPORARY WIDENING	1193+50 - 1196+00	85		--	
		1196+00 - 1213+00	366		--	
		<b>SUBTOTAL</b>	<b>566</b>			
		<b>TOTAL</b>	<b>10,636</b>		<b>20,486</b>	

\*ADDITIONAL QUANTITIES LISTED ELSEWHERE

**COLD WEATHER ITEMS**

CATEGORY	STATION	LOCATION	TON	450.1100.S	ASPHALTIC MIXTURE FOR EXTREME WEATHER PAVING	CONDITIONS
1000	ALL STAGES	IH 94	1,300		--	
		EMERGENCY PAVEMENT REPAIR	--		20	
		<b>TOTAL</b>	<b>1,300</b>		<b>20</b>	

**CONCRETE ITEMS**

CATEGORY	STAGE	STATION	SY	SPV.0180.0001	CONCRETE PAVEMENT 12-INCH SPECIAL	715.0710	OPTIMIZED AGGREGATE GRADATION INCENTIVE
							DOL
1000	2	IH 94 NORTHBOUND	21,297				
		1188+00 - 1213+00	21,297				\$21,563
		<b>SUBTOTAL</b>	<b>21,297</b>				<b>\$21,563</b>
	4	IH 94 SOUTHBOUND	21,297				
		1188+00 - 1213+00	21,297				\$21,563
		<b>SUBTOTAL</b>	<b>21,297</b>				<b>\$21,563</b>
	5	MEDIAN	1,926				
		1171+50 - 1188+00	1,926				\$1,950
		<b>SUBTOTAL</b>	<b>1,926</b>				<b>\$1,950</b>
		<b>TOTAL</b>	<b>44,520</b>				<b>\$45,077</b>

**ASPHALTIC ITEMS**

CATEGORY	STAGE	STATION	TON	465.0125*	ASPHALTIC SURFACE TEMPORARY	460.7223*	HMA PAVEMENT 3HT 58-28S	460.6424	HMA PAVEMENT 4MT 58-28H	460.7424*	HMA PAVEMENT 4HT 58-28H	TACK COAT
1000	1A	IH 94 NORTHBOUND OVERLAY	--									
		1188+00 - 121300 (INSIDE SHOULDER/LANES)	--					1,342				933
		1188+00 - 121300 (OUTSIDE SHOULDER)	--					818				251
	1A	IH 94 NORTHBOUND WIDENING	--									
		1188+00 - 1213+00	--					1,669			599	724
	5	IH 94 SOUTHBOUND WIDENING	359									
		1188+00 - 1213+00	359									
		UNDISTRIBUTED	--									
		<b>TOTAL</b>	<b>359</b>					<b>1,669</b>			<b>599</b>	<b>1,908</b>

\*ADDITIONAL QUANTITIES LISTED ELSEWHERE

**PROJECT NO: 1035-01-79**      **HWY: IH 94**      **COUNTY: RACINE**      **MISCELLANEOUS QUANTITIES**      **SHEET 151**      **E**



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 ID 1035-01-79  
 Revised Sheet 154  
 July 3, 2018

STORM SEWER STRUCTURES

611.2004 611.2005 611.2007 611.3004 611.3901 611.0610 611.0642

STRUCTURE CATEGORY NUMBER	STATION	OFFSET FT	MANHOLES			INLETS			INLET COVERS	RMOR FLANGE ELEV	STR DEPTH FT
			4-FT DIA EACH	5-FT DIA EACH	7-FT DIA EACH	4-FT DIA EACH	MEDIAN 1 GRATE EACH	TYPE BW EACH			
JH-94 NB											
116	1201+00	76.12 RT	-	-	1	-	-	1	755.22	7.72	
116A	1201+10	76.12 RT	-	-	1	-	-	1	755.27	7.17	
117	1201+00	5.25 RT	-	-	1	-	-	1	755.18	6.40	
118	1198+00	76.12 RT	-	-	1	-	-	1	752.76	8.26	
119	1198+00	5.25 RT	-	-	1	-	-	1	752.71	6.93	
120A	1194+72	76.12 RT	-	-	1	-	-	1	748.21	7.49	
120	1195+00	76.12 RT	-	-	1	-	-	1	748.67	7.67	
121A	1195+10	5.25 RT	-	-	1	-	-	1	748.78	5.90	
121	1195+00	5.25 RT	-	-	1	-	-	1	748.62	6.34	
122	1192+00	5.25 RT	-	-	1	-	-	1	743.27	3.57	
123	1192+00	76.12 RT	-	-	1	-	-	1	743.32	5.32	
123A	1192+10	76.12 RT	-	-	1	-	-	1	743.50	5.48	
124	1192+00	95.00 RT	-	-	1	-	-	1	N/A	N/A	
125	1207+00	76.12 RT	-	-	1	-	-	1	755.29	6.44	
125A	1206+90	76.12 RT	-	-	1	-	-	1	755.34	6.39	
126	1207+00	5.25 RT	-	-	1	-	-	1	755.25	5.76	
127	1210+00	76.12 RT	-	-	1	-	-	1	752.89	6.44	
128	1210+00	5.25 RT	-	-	1	-	-	1	752.86	5.01	
129	1209+00	76.12 RT	-	-	1	-	-	1	753.00	6.47	
130	1209+90	5.25 RT	-	-	1	-	-	1	752.96	5.01	
200	1198+99	76.12 RT	-	-	1	-	-	1	753.75	8.26	
EXST.	1194+72	39.25 RT	-	-	1	-	-	1	N/A	N/A	
SUBTOTAL			2	2	4	12	4	20			

STORM SEWER STRUCTURES

611.2004 611.2005 611.2007 611.3004 611.3901 611.0610 611.0642

CATEGORY	STRUCTURE NUMBER	STATION	OFFSET FT	MANHOLES		INLETS		INLET COVERS		RIMOR FLANGE ELEV	STR DEPTH FT
				4-FT DIA EACH	5-FT DIA EACH	7-FT DIA EACH	4-FT DIA EACH	MEDIAN	TYPE BW EACH		
	IH-94 SB										
	101	1201+00	5.25 LT				1			755.18	5.13
	101A	1201+30	5.25 LT				1			755.34	4.99
	102	1201+00	73.25 LT							755.22	6.87
	103	1198+00	5.25 LT				1			752.71	6.66
	103A	1198+30	5.25 LT				1			753.03	6.68
	104	1198+00	73.25 LT							752.75	7.40
	105	1196+35	91.70 LT							747.66	2.72
	106	1195+00	5.25 LT				1			748.62	5.57
	106A	1195+10	5.25 LT				1			748.78	5.63
	106B	1195+40	5.25 LT				1			749.26	5.81
	107	1195+00	73.25 LT				1			748.66	6.31
	107A	1195+10	73.25 LT				1			748.82	6.37
	109	1192+00	5.25 LT							743.27	3.22
	109A	1192+30	5.25 LT				1			743.81	3.46
	110	1192+00	73.25 LT				1			743.31	8.96
	110A	1192+00	98.24 LT							N/A	N/A
	111	1207+00	5.25 LT				1			755.25	3.11
	111A	1206+70	5.25 LT				1			755.40	2.96
	112A	1207+00	90.25 LT							N/A	N/A
	112	1207+00	73.25 LT							755.29	3.85
	113A	1209+90	73.25 LT				1			753.00	5.14
	113	1210+00	73.25 LT				1			752.90	6.76
	114A	1209+90	5.25 LT				1			752.96	5.40
	114B	1209+60	5.25 LT				1			753.27	5.41
	114	1210+00	5.25 LT				1			752.86	6.16
	300	1187+97	100.76' LT							730.53	N/A
	301	1188+75	74.90' LT							731.21	N/A
	SUBTOTAL			3	4		15	1	22		
	TOTAL			5	6		19	1	42		

STORM SEWER NOTES (SEE PREVIOUS PAGES)

- 1) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. APRON ENDWALLS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE.
- 2) STATIONS ARE TO THE CENTER OF STRUCTURES OR TO THE APRON END OF ENDWALLS. OFFSETS ARE TO THE FLANGE LINE FOR STRUCTURES IN THE ROADWAY WITH INLET GRATES. AND TO THE CENTER OF STRUCTURE FOR FIELD INLETS AND MANHOLES WITH SOLID LIDS.
- 3) PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.
- 4) RIMELEVATIONS ARE GIVEN AT THE FLANGE LINE FOR INLET GRATES OR THE CENTER OF THE MANHOLE COVER FOR MANHOLES.
- 5) STRUCTURE DEPTH = RIMELEVATION - INVERT - CASTING HEIGHT - ADJUSTMENT  
 CASTING HEIGHT = 0.75 FT FOR J COVERS; 0.5 FT FOR HM AND S COVERS; 0.83 FT FOR TYPE B AND S COVERS; 0.67 FT FOR TYPE MS CC  
 ADJUSTMENT (RINGS) = 0.33 FT FOR B, V, J, HM AND S COVERS; 0 FT FOR TYPE MS COVERS

\* - ADDITIONAL QUANTITIES LOCATED ELSEWHERE

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ID 1035-01-79  
Revised Sheet 155  
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PROJECT NO: 1035-01-79

HWY: IH 94

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET

155

E





STORM SEWER PIPES

520.8700 SPV.0060.0016 611.0420 611.0430 611.8110 611.8115\* 633.5200

CLEANING  
CULVERT  
PIPES

RECONNECT  
STORM  
SEWER  
\*

RECONSTRUCTING  
MANHOLES  
INLETS

ADJUSTING  
MANHOLE  
COVERS

INLET  
COVERS

MARKERS  
CULVERT  
END

STRUCTURE NUMBER	STATION	OFFSET FT	EACH		EACH		EACH		NOTES
			RECONSTRUCTING MANHOLES INLETS	ADJUSTING MANHOLE COVERS	INLET COVERS	MARKERS CULVERT END			
IH-94 NB									
116	1201+00	76.12	1						ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 753.58;
116A	1201+10	76.12	1						ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 753.63;
117	1201+00	5.25							FLAT SLAB COVER; STAGE 1C RIM ELEVATION: 753.77;
118	1198+00	76.12	1						FLAT SLAB COVER; STAGE 1C RIM ELEVATION: 751.50;
119	1198+00	5.25							FLAT SLAB COVER; STAGE 1C RIM ELEVATION: 751.98;
120A	1194+72	76.12		1					ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 747.78;
120	1195+00	76.12		1					ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 748.15;
121A	1195+10	5.25							FLAT SLAB COVER; STAGE 1C RIM ELEVATION: 748.93;
121	1195+00	5.25							FLAT SLAB COVER; STAGE 1C RIM ELEVATION: 748.8;
122	1192+00	5.25							FLAT SLAB COVER; STAGE 1C RIM ELEVATION: 743.88;
123	1192+00	76.12		1					ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 743.17;
123A	1192+10	76.12		1					ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 743.36;
124	1192+00	95.00							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 743.36;
125	1207+00	76.12							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 753.56;
125A	1206+90	76.12							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 753.58;
126	1207+00	5.25							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 753.46;
127	1210+00	76.12							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 751.62;
128	1210+00	5.25							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 752.89
129	1209+90	76.12							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 751.67;
130	1209+90	5.25							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 751.93;
200	1198+99	76.12							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 751.76;
EXST.	1194+72	39.25							ECCENTRIC FLAT SLAB COVER; STAGE 1B RIM ELEVATION: 752.31;
EXST.	1194+72	39.25							ST. 4; MATCH EXST. PIPE ELEV. AT 39.25' RT.
SUBTOTAL			11	5	3				

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ID 1035-01-79  
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July 3, 2018

\*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NO: 1035-01-79	HWY: IH 94	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET 158	E
FILE NAME : Z:\RACINE\CADD\2020\MCDS\030201-mq.ppt	PLOT DATE : 6/28/2018	PLOT NAME :	ORIGINATOR : DIST.	PLOT SCALE : 1:1	

**STORM SEWER PIPES**

520.8700 SPV.0060.0016 611.0420 611.0430 611.8110 611.8115\* 633.5200

CLEANING  
CULVERT  
PIPES

RECONNECT  
STORM  
SEWER

RECONSTRUCTING  
MANHOLES  
INLETS

ADJUSTING  
MANHOLE  
COVERS

INLET  
COVERS

MARKERS  
CULVERT  
END

NOTES

3

3

STRUCTURE CATEGORY	NUMBER	STATION	OFFSET FT	EACH	EACH	RECONSTRUCTING MANHOLES INLETS	ADJUSTING MANHOLE COVERS	INLET COVERS	MARKERS CULVERT END	NOTES
IH-94 SB										
1000	101	1201+00	5.25	--	--	--	--	--	--	
	101A	1201+30	5.25	--	--	--	--	--	--	
	102	1201+00	73.25	1	--	--	--	--	--	
	103	1198+00	5.25	--	--	--	--	--	--	
	103A	1198+30	5.25	--	--	--	--	--	--	
	104	1198+00	73.25	1	--	--	--	--	--	
	105	1196+35	91.70	1	--	--	--	--	--	REM. AEW, INSTALL INLET ON EX. 15" CPVC
	106	1195+00	5.25	--	--	--	--	--	--	
	106A	1195+10	5.25	--	--	--	--	--	--	
	106B	1195+40	5.25	--	--	--	--	--	--	
	107	1195+00	73.25	1	--	--	--	--	--	
	107A	1195+10	73.25	--	--	--	--	--	--	
	109	1192+00	5.25	--	--	--	--	--	--	
	109A	1192+30	5.25	--	--	--	--	--	--	
	110	1192+00	73.25	1	--	--	--	--	--	REMOVE SEAL, CONNECT TO EXIST.
	110A	1192+00	98.24	1	--	--	--	--	--	
	111	1207+00	5.25	1	--	--	--	--	--	
	111A	1206+70	5.25	--	--	--	--	--	--	
	112A	1207+00	90.25	1	--	--	--	--	--	REMOVE SEAL, CONNECT TO EXIST.
	112	1207+00	73.25	1	--	--	--	--	--	
	113A	1209+90	73.25	--	--	--	--	--	--	
	113	1210+00	73.25	1	--	--	--	--	--	
	114A	1209+90	5.25	--	--	--	--	--	--	
	114B	1209+60	5.25	--	--	--	--	--	--	
	114	1210+00	5.25	1	--	--	--	--	--	
	300	1187+97	100.76'	1	1	--	--	--	--	RECONNECT EXISTING 15" CPVC IN STAGE 2
	301	1188+75	74.90'	--	1	1	--	--	--	
	SUBTOTAL			2	10	1	1	1	1	
	TOTAL			2	20	12	5	3	1	

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\*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

<b>PROJECT NO: 1035-01-79</b>	<b>HWY: IH 94</b>	<b>COUNTY: RACINE</b>	<b>MISCELLANEOUS QUANTITIES</b>	<b>SHEET 159</b>	<b>E</b>
FILE NAME : Z:\RACINE\CADD\2020\IM\CDS\030201-mq.dwg	PLOT DATE : 6/28/2018	PLOT NAME :	ORIGINATOR : DIST	PLOT SCALE : 1:1	

**SAW CUTTING ITEMS**

690.0250*	SAWING	CONCRETE	LF
1000	2	IH 94 SOUTHBOUND	2,550
SUBTOTAL			2,550
1000	4A	IH 94 NORTHBOUND	2,570
SUBTOTAL			2,570
TOTAL			5,120

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

**PAVEMENT CLEANUP**

SPV.0075.0024	PAVEMENT	CLEANUP	PROJECT	1035-01-79	HR	300	
TOTAL							300

**GEOGRID REINFORCEMENT**

645.0220	GEOGRID	TYPE SR	SY	REMARKS
1000	ALL	IH 94	UNDISTRIBUTED	1,000
TOTAL				1,000

**CONSTRUCTION STAKING**

SPV.0105.0016	SURVEY PROJECT	1035-01-79	LS
1000	IH 94 (1035-01-79)		1
TOTAL			1

**CONCRETE BARRIER**

603.1142	603.1156	603.3559	603.2156	603.4442
CONCRETE BARRIER TYPE S42	CONCRETE BARRIER TYPE S56	CONCRETE BARRIER TRANSITION S42 TO S56	CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56	CONCRETE BARRIER TYPE S42C
LF	LF	EACH	LF	LF
1,650	2,241	6	32	300
2,200	2,200	6	32	300
4,441	118	12	64	300
SUBTOTAL				
IH 94 NORTHBOUND				
1171+50 - 1188+00	MEDIAN			
1188+00 - 1213+00	MEDIAN			
1188+00 - 1213+00	OUTSIDE			
SUBTOTAL				
IH 94 SOUTHBOUND				
1171+50 - 1188+00	MEDIAN			
1188+00 - 1213+00	MEDIAN			
1188+00 - 1213+00	OUTSIDE			
SUBTOTAL				
TOTAL				

Addendum No. 01  
ID 1035-01-79  
Revised Sheet 163  
July 3, 2018

PROJECT NO: 1035-01-79

HWY: IH 94

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET 163

E



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	_____.





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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	203.0200 Removing Old Structure (station) 0010. 339+94	LS	LUMP SUM	_____.
0032	203.0200 Removing Old Structure (station) 0012. 340+03	LS	LUMP SUM	_____.
0034	203.0200 Removing Old Structure (station) 0014. 415+07	LS	LUMP SUM	_____.
0036	203.0200 Removing Old Structure (station) 0016. 301+55	LS	LUMP SUM	_____.
0038	203.0200 Removing Old Structure (station) 0018. 355+78	LS	LUMP SUM	_____.
0040	203.0200 Removing Old Structure (station) 0020. 407+65	LS	LUMP SUM	_____.
0042	203.0200 Removing Old Structure (station) 0022. 408+33	LS	LUMP SUM	_____.
0044	203.0210.S Abatement of Asbestos Containing Material (structure) 0005. B-40-221	LS	LUMP SUM	_____.
0046	203.0210.S Abatement of Asbestos Containing Material (structure) 0006. B-40-222	LS	LUMP SUM	_____.
0048	203.0210.S Abatement of Asbestos Containing Material (structure) 0007. B-40-228	LS	LUMP SUM	_____.
0050	203.0210.S Abatement of Asbestos Containing Material (structure) 0008. B-51-32	LS	LUMP SUM	_____.
0052	203.0700.S Removing Old Structure Over Waterway With Debris Capture System (station) 0001. 134+36 NB	LS	LUMP SUM	_____.



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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**	60,263.000 LF	_____.	_____.
0080	204.0165 Removing Guardrail **P**	5,089.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0082	204.0170 Removing Fence **P**	57,052.000 LF	_____.	_____.
0084	204.0180 Removing Delineators and Markers	234.000 EACH	_____.	_____.
0086	204.0195 Removing Concrete Bases	65.000 EACH	_____.	_____.
0088	204.0210 Removing Manholes	108.000 EACH	_____.	_____.
0090	204.0220 Removing Inlets	441.000 EACH	_____.	_____.
0092	204.0245 Removing Storm Sewer (size) 0001. 6-Inch	82.000 LF	_____.	_____.
0094	204.0245 Removing Storm Sewer (size) 0002. 12-Inch	12,638.000 LF	_____.	_____.
0096	204.0245 Removing Storm Sewer (size) 0004. 15-Inch	7,509.000 LF	_____.	_____.
0098	204.0245 Removing Storm Sewer (size) 0006. 18-Inch	6,417.000 LF	_____.	_____.
0100	204.0245 Removing Storm Sewer (size) 0007. 21-Inch	3,345.000 LF	_____.	_____.
0102	204.0245 Removing Storm Sewer (size) 0008. 24-Inch	2,543.000 LF	_____.	_____.
0104	204.0245 Removing Storm Sewer (size) 0009. 27-Inch	1,887.000 LF	_____.	_____.
0106	204.0245 Removing Storm Sewer (size) 0010. 30-Inch	1,256.000 LF	_____.	_____.
0108	204.0245 Removing Storm Sewer (size) 0012. 36-Inch	1,188.000 LF	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0110	204.0245 Removing Storm Sewer (size) 0014. 42-Inch	467.000 LF	_____.	_____.
0112	204.0280 Sealing Pipes	44.000 EACH	_____.	_____.
0114	204.0291.S Abandoning Sewer	135.800 CY	_____.	_____.
0116	204.9060.S Removing (item description) 0002. Endwall	3.000 EACH	_____.	_____.
0118	204.9060.S Removing (item description) 0004. Inlet Covers	12.000 EACH	_____.	_____.
0120	204.9060.S Removing (item description) 0005. Slotted Vane Drain	58.000 EACH	_____.	_____.
0122	204.9060.S Removing (item description) 0010. Barricade Racks and Barricades	3.000 EACH	_____.	_____.
0124	204.9060.S Removing (item description) 0012. Cover Plates	34.000 EACH	_____.	_____.
0126	204.9060.S Removing (item description) 1002. Lighting Units	62.000 EACH	_____.	_____.
0128	204.9060.S Removing (item description) 1010. Distribution Center	3.000 EACH	_____.	_____.
0130	204.9060.S Removing (item description) 1020. Luminaires	58.000 EACH	_____.	_____.
0132	204.9060.S Removing (item description) 2010. Controller Cabinet	3.000 EACH	_____.	_____.
0134	204.9060.S Removing (item description) 2020. Controller Cabinet Base	3.000 EACH	_____.	_____.



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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	_____.



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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**	1,041,726.000 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	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0186	206.1000 Excavation for Structures Bridges (structure) 4804. B-40-804	LS	LUMP SUM	_____.
0188	206.1000 Excavation for Structures Bridges (structure) 4806. B-40-806	LS	LUMP SUM	_____.
0190	206.1000 Excavation for Structures Bridges (structure) 4807. B-40-807	LS	LUMP SUM	_____.
0192	206.5000 Cofferdams (structure) 4000. B-40-800	LS	LUMP SUM	_____.
0194	206.5000 Cofferdams (structure) 4001. B-40-801	LS	LUMP SUM	_____.
0196	206.5000 Cofferdams (structure) 4006. B-40-806	LS	LUMP SUM	_____.
0198	206.5000 Cofferdams (structure) 4007. B-40-807	LS	LUMP SUM	_____.
0200	209.0200.S Backfill Controlled Low Strength	576.000 CY	_____.	_____.
0202	209.2500 Backfill Granular Grade 2	24,182.000 TON	_____.	_____.
0204	210.1500 Backfill Structure Type A	6,019.000 TON	_____.	_____.
0206	211.0100 Prepare Foundation for Asphaltic Paving (project) 1030-20-84	LS	LUMP SUM	_____.
0208	213.0100 Finishing Roadway (project) 0002. 1030-20-84	1.000 EACH	_____.	_____.
0210	213.0100 Finishing Roadway (project) 0004. 1030-20-87	1.000 EACH	_____.	_____.
0212	213.0100 Finishing Roadway (project) 0006. 1035-01-82	1.000 EACH	_____.	_____.



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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	_____.	_____.





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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	415.1080 Concrete Pavement HES 8-Inch	80.000 SY	_____.	_____.
0246	415.1120 Concrete Pavement HES 12-Inch **P**	1,838.000 SY	_____.	_____.
0248	415.1410 Concrete Pavement Approach Slab HES **P**	103.000 SY	_____.	_____.
0250	415.4100 Concrete Pavement Joint Filling	14,160.000 SY	_____.	_____.
0252	415.5110.S Concrete Pavement Joint Layout 0002. 1030-20-84	1.000 LS	_____.	_____.
0254	415.5110.S Concrete Pavement Joint Layout 0004. 1030-20-87	1.000 LS	_____.	_____.
0256	415.5110.S Concrete Pavement Joint Layout 0006. 1035-01-72	1.000 LS	_____.	_____.
0258	415.5110.S Concrete Pavement Joint Layout 0008. 1035-01-74	1.000 LS	_____.	_____.
0260	415.5110.S Concrete Pavement Joint Layout 0010. 1035-01-79	1.000 LS	_____.	_____.
0262	415.5110.S Concrete Pavement Joint Layout 0012. 1035-01-82	1.000 LS	_____.	_____.
0264	416.0160 Concrete Driveway 6-Inch	19.000 SY	_____.	_____.
0266	416.0610 Drilled Tie Bars	1,759.000 EACH	_____.	_____.
0268	416.0620 Drilled Dowel Bars	1,090.000 EACH	_____.	_____.
0270	416.1010 Concrete Surface Drains	53.000 CY	_____.	_____.



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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	_____.	_____.



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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**	4,130.000 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	1,974,870.000 LB	_____.	_____.
0332	505.0800.S Bar Steel Reinforcement HS Stainless Structures	17,830.000 LB	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0334	506.2605 Bearing Pads Elastomeric Non-Laminated	236.000 EACH	_____.	_____.
0336	506.4000 Steel Diaphragms (structure) 0001. B-51-139	28.000 EACH	_____.	_____.
0338	506.4000 Steel Diaphragms (structure) 0002. B-51-140	28.000 EACH	_____.	_____.
0340	506.4000 Steel Diaphragms (structure) 4010. B-40-800	54.000 EACH	_____.	_____.
0342	506.4000 Steel Diaphragms (structure) 4020. B-40-801	54.000 EACH	_____.	_____.
0344	506.4000 Steel Diaphragms (structure) 4030. B-40-802	48.000 EACH	_____.	_____.
0346	511.1200 Temporary Shoring (structure) 0001. B-40-806	115.000 SF	_____.	_____.
0348	511.1200 Temporary Shoring (structure) 0002. B-40-807	504.000 SF	_____.	_____.
0350	511.1200 Temporary Shoring (structure) 4020. B-40-801	374.000 SF	_____.	_____.
0352	511.1200 Temporary Shoring (structure) 4030. B-40-803	220.000 SF	_____.	_____.
0354	511.1200 Temporary Shoring (structure) 4040. B-51-139	2,250.000 SF	_____.	_____.
0356	511.1300 Temporary Shoring (location) 0001. STA 1239+50 to STA 1244+00	430.000 SF	_____.	_____.
0358	511.1300 Temporary Shoring (location) 0002. STA 1288+65 to STA 1290+16	1,510.000 SF	_____.	_____.



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0360	511.1300 Temporary Shoring (location) 0003. STA 346+90 to STA 349+90	3,000.000 SF	_____.	_____.
0362	511.1300 Temporary Shoring (location) 0004. STA 1201+50 to STA 1205+50	716.000 SF	_____.	_____.
0364	516.0500 Rubberized Membrane Waterproofing **P**	329.000 SY	_____.	_____.
0366	517.1010.S Concrete Staining (structure) 4001. B-51-139 **P**	5,201.000 SF	_____.	_____.
0368	517.1010.S Concrete Staining (structure) 4002. B-51-140 **P**	5,175.000 SF	_____.	_____.
0370	517.1010.S Concrete Staining (structure) 4005. B-40-800 **P**	11,736.000 SF	_____.	_____.
0372	517.1010.S Concrete Staining (structure) 4006. B-40-801 **P**	5,205.000 SF	_____.	_____.
0374	517.1010.S Concrete Staining (structure) 4007. B-40-802 **P**	5,862.000 SF	_____.	_____.
0376	517.1010.S Concrete Staining (structure) 4008. B-40-803 **P**	6,555.000 SF	_____.	_____.
0378	517.1010.S Concrete Staining (structure) 4009. B-40-804 **P**	6,200.000 SF	_____.	_____.
0380	517.1010.S Concrete Staining (structure) 4010. B-40-806 **P**	2,454.000 SF	_____.	_____.
0382	517.1010.S Concrete Staining (structure) 4011. B-40-807 **P**	2,186.000 SF	_____.	_____.
0384	517.1010.S Concrete Staining (structure) 4102. R-40-385 **P**	4,890.000 SF	_____.	_____.



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0386	517.1010.S Concrete Staining (structure) 4103. R-40-387 **P**	4,447.000 SF	_____.	_____.
0388	517.1010.S Concrete Staining (structure) 4201. S-51-403 **P**	577.000 SF	_____.	_____.
0390	517.1010.S Concrete Staining (structure) 4202. S-51-221 **P**	180.000 SF	_____.	_____.
0392	517.1010.S Concrete Staining (structure) 4204. S-51-220 **P**	235.000 SF	_____.	_____.
0394	517.1010.S Concrete Staining (structure) 4206. S-51-219 **P**	212.000 SF	_____.	_____.
0396	517.1010.S Concrete Staining (structure) 4207. S-40-590 **P**	550.000 SF	_____.	_____.
0398	517.1010.S Concrete Staining (structure) 4208. S-40-591 **P**	550.000 SF	_____.	_____.
0400	517.1010.S Concrete Staining (structure) 4209. S-40-550 **P**	960.000 SF	_____.	_____.
0402	517.1010.S Concrete Staining (structure) 4210. S-51-404 **P**	693.000 SF	_____.	_____.
0404	517.1010.S Concrete Staining (structure) 4211. S-40-592 **P**	550.000 SF	_____.	_____.
0406	517.1010.S Concrete Staining (structure) 4212. S-40-593 **P**	955.000 SF	_____.	_____.
0408	517.1010.S Concrete Staining (structure) 4213. S-40-594 **P**	965.000 SF	_____.	_____.
0410	517.1010.S Concrete Staining (structure) 4214. S-40-595 **P**	550.000 SF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0412	517.1010.S Concrete Staining (structure) 4215. S-40-596 **P**	550.000 SF	_____.	_____.
0414	517.1010.S Concrete Staining (structure) 4216. S-40-597 **P**	550.000 SF	_____.	_____.
0416	517.1010.S Concrete Staining (structure) 4217. S-40-598 **P**	550.000 SF	_____.	_____.
0418	517.1010.S Concrete Staining (structure) 4218. S-40-599 **P**	900.000 SF	_____.	_____.
0420	517.1010.S Concrete Staining (structure) 4219. S-40-736 **P**	346.000 SF	_____.	_____.
0422	517.1010.S Concrete Staining (structure) 4220. S-40-762 **P**	346.000 SF	_____.	_____.
0424	517.1010.S Concrete Staining (structure) 4221. S-40-766 **P**	346.000 SF	_____.	_____.
0426	517.1010.S Concrete Staining (structure) 4222. S-40-767 **P**	346.000 SF	_____.	_____.
0428	517.1010.S Concrete Staining (structure) 4223. S-40-768 **P**	346.000 SF	_____.	_____.
0430	517.1010.S Concrete Staining (structure) 4224. S-40-819 **P**	1,050.000 SF	_____.	_____.
0432	517.1050.S Architectural Surface Treatment (structure) 4001. B-51-139 **P**	32.000 SF	_____.	_____.
0434	517.1050.S Architectural Surface Treatment (structure) 4002. B-51-140 **P**	32.000 SF	_____.	_____.
0436	520.1012 Apron Endwalls for Culvert Pipe 12-Inch	1.000 EACH	_____.	_____.



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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	_____.	_____.





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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	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0490	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0002. N-40-56 **P**	55,125.000 SF	_____.	_____.
0492	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0003. N-40-57 **P**	32,800.000 SF	_____.	_____.
0494	531.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0004. N-40-92 **P**	20,429.000 SF	_____.	_____.
0496	550.0600 Pile Redriving	52.000 EACH	_____.	_____.
0498	550.1120 Piling Steel HP 12-Inch X 53 Lb	9,930.000 LF	_____.	_____.
0500	550.2126 Piling CIP Concrete 12 3/4 X 0.375-Inch	35,190.000 LF	_____.	_____.
0502	550.2128 Piling CIP Concrete 12 3/4 X 0.50-Inch	16,130.000 LF	_____.	_____.
0504	601.0110 Concrete Curb Type D **P**	1,850.000 LF	_____.	_____.
0506	601.0331 Concrete Curb & Gutter 31-Inch **P**	10,616.000 LF	_____.	_____.
0508	601.0409 Concrete Curb & Gutter 30-Inch Type A **P**	7,430.000 LF	_____.	_____.
0510	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A **P**	3,260.000 LF	_____.	_____.
0512	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	50.000 LF	_____.	_____.
0514	602.0410 Concrete Sidewalk 5-Inch **P**	18,330.000 SF	_____.	_____.



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0516	602.0505 Curb Ramp Detectable Warning Field Yellow	328.000 SF	_____.	_____.
0518	603.1142 Concrete Barrier Type S42 **P**	108,887.000 LF	_____.	_____.
0520	603.1156 Concrete Barrier Type S56 **P**	1,886.000 LF	_____.	_____.
0522	603.1242 Concrete Barrier Type S42A **P**	1,537.000 LF	_____.	_____.
0524	603.1442 Concrete Barrier Type S42C **P**	525.000 LF	_____.	_____.
0526	603.2156 Concrete Barrier Fixed Object Protection Type S56	586.000 LF	_____.	_____.
0528	603.3255 Concrete Barrier Transition Type F42SF to S42	1.000 EACH	_____.	_____.
0530	603.3559 Concrete Barrier Transition Type S42 to S56	82.000 EACH	_____.	_____.
0532	603.8000 Concrete Barrier Temporary Precast Delivered	253,516.000 LF	_____.	_____.
0534	603.8125 Concrete Barrier Temporary Precast Installed	299,496.000 LF	_____.	_____.
0536	603.8505 Anchoring Concrete Barrier on Bridge Decks	151.000 LF	_____.	_____.
0538	604.0400 Slope Paving Concrete	84.000 SY	_____.	_____.
0540	606.0200 Riprap Medium	992.000 CY	_____.	_____.
0542	606.0300 Riprap Heavy	2,815.000 CY	_____.	_____.



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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	_____.	_____.



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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	154.000 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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0596	611.0627 Inlet Covers Type HM	48.000 EACH	_____.	_____.
0598	611.0636 Inlet Covers Type HM-S	13.000 EACH	_____.	_____.
0600	611.0642 Inlet Covers Type MS	59.000 EACH	_____.	_____.
0602	611.0654 Inlet Covers Type V	327.000 EACH	_____.	_____.
0604	611.0660 Inlet Covers Type WM	53.000 EACH	_____.	_____.
0606	611.2004 Manholes 4-FT Diameter	165.000 EACH	_____.	_____.
0608	611.2005 Manholes 5-FT Diameter	116.000 EACH	_____.	_____.
0610	611.2006 Manholes 6-FT Diameter	58.000 EACH	_____.	_____.
0612	611.2007 Manholes 7-FT Diameter	18.000 EACH	_____.	_____.
0614	611.2008 Manholes 8-FT Diameter	2.000 EACH	_____.	_____.
0616	611.3003 Inlets 3-FT Diameter	23.000 EACH	_____.	_____.
0618	611.3004 Inlets 4-FT Diameter	94.000 EACH	_____.	_____.
0620	611.3225 Inlets 2x2.5-FT	112.000 EACH	_____.	_____.
0622	611.3230 Inlets 2x3-FT	16.000 EACH	_____.	_____.
0624	611.3253 Inlets 2.5x3-FT	17.000 EACH	_____.	_____.
0626	611.3901 Inlets Median 1 Grate	2.000 EACH	_____.	_____.



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0628	611.3902 Inlets Median 2 Grate	27.000 EACH	_____.	_____.
0630	611.3903 Inlets Median 3 Grate	1.000 EACH	_____.	_____.
0632	611.8110 Adjusting Manhole Covers	134.000 EACH	_____.	_____.
0634	611.8115 Adjusting Inlet Covers	108.000 EACH	_____.	_____.
0636	611.8120.S Cover Plates Temporary	46.000 EACH	_____.	_____.
0638	612.0106 Pipe Underdrain 6-Inch	79,052.000 LF	_____.	_____.
0640	612.0206 Pipe Underdrain Unperforated 6-Inch	371.000 LF	_____.	_____.
0642	612.0212 Pipe Underdrain Unperforated 12-Inch	780.000 LF	_____.	_____.
0644	612.0406 Pipe Underdrain Wrapped 6-Inch	2,810.000 LF	_____.	_____.
0646	612.0700 Drain Tile Exploration	1,600.000 LF	_____.	_____.
0648	612.0806 Apron Endwalls for Underdrain Reinforced Concrete 6-Inch	3.000 EACH	_____.	_____.
0650	614.0115 Anchorages for Steel Plate Beam Guard Type 2	2.000 EACH	_____.	_____.
0652	614.0150 Anchor Assemblies for Steel Plate Beam Guard	3.000 EACH	_____.	_____.
0654	614.0305 Steel Plate Beam Guard Class A	50.000 LF	_____.	_____.
0656	614.0396 Guardrail Mow Strip Asphalt	2,433.000 SY	_____.	_____.



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0658	614.0805 Crash Cushions Permanent Low Maintenance	1.000 EACH	_____.	_____.
0660	614.0905 Crash Cushions Temporary	77.000 EACH	_____.	_____.
0662	614.0920 Salvaged Rail **P**	383.000 LF	_____.	_____.
0664	614.2300 MGS Guardrail 3	2,465.000 LF	_____.	_____.
0666	614.2500 MGS Thrie Beam Transition	1,185.200 LF	_____.	_____.
0668	614.2610 MGS Guardrail Terminal EAT	32.000 EACH	_____.	_____.
0670	614.2620 MGS Guardrail Terminal Type 2	2.000 EACH	_____.	_____.
0672	616.0100 Fence Woven Wire (height) 0001. 4-FT	34,175.000 LF	_____.	_____.
0674	616.0206 Fence Chain Link 6-FT	25,694.000 LF	_____.	_____.
0676	616.0329 Gates Chain Link (width) 0001. 12-FT	19.000 EACH	_____.	_____.
0678	616.0700.S Fence Safety	11,702.000 LF	_____.	_____.
0680	618.0100 Maintenance And Repair of Haul Roads (project) 0002. 1030-20-84	1.000 EACH	_____.	_____.
0682	618.0100 Maintenance And Repair of Haul Roads (project) 0004. 1030-20-87	1.000 EACH	_____.	_____.
0684	618.0100 Maintenance And Repair of Haul Roads (project) 0006. 1035-01-82	1.000 EACH	_____.	_____.
0686	618.0100 Maintenance And Repair of Haul Roads (project) 0008. 1035-01-72	1.000 EACH	_____.	_____.





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0688	618.0100 Maintenance And Repair of Haul Roads (project) 0010. 1035-01-74	1.000 EACH	_____.	_____.
0690	618.0100 Maintenance And Repair of Haul Roads (project) 0012. 1035-01-79	1.000 EACH	_____.	_____.
0692	619.1000 Mobilization	1.000 EACH	_____.	_____.
0694	620.0300 Concrete Median Sloped Nose **P**	2,461.000 SF	_____.	_____.
0696	623.0200 Dust Control Surface Treatment	1,348,465.000 SY	_____.	_____.
0698	624.0100 Water	7,865.000 MGAL	_____.	_____.
0700	625.0100 Topsoil	68,997.000 SY	_____.	_____.
0702	625.0500 Salvaged Topsoil	722,123.000 SY	_____.	_____.
0704	627.0200 Mulching	124,040.000 SY	_____.	_____.
0706	628.1104 Erosion Bales	590.000 EACH	_____.	_____.
0708	628.1504 Silt Fence	10,700.000 LF	_____.	_____.
0710	628.1520 Silt Fence Maintenance	11,616.000 LF	_____.	_____.
0712	628.1905 Mobilizations Erosion Control	110.000 EACH	_____.	_____.
0714	628.1910 Mobilizations Emergency Erosion Control	107.000 EACH	_____.	_____.
0716	628.2002 Erosion Mat Class I Type A	45,510.000 SY	_____.	_____.



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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	797.000 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	_____.	_____.



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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	_____.	_____.



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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	13,948.500 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	69.000 EACH	_____.	_____.
0796	638.2102 Moving Signs Type II	248.000 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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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0812	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 0010. S-40-736	LS	LUMP SUM	_____.
0814	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 0011. S-40-766	LS	LUMP SUM	_____.
0816	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 0012. S-40-767	LS	LUMP SUM	_____.
0818	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 0013. S-40-768	LS	LUMP SUM	_____.
0820	641.0100 Sign Bridge Single Pole Sign Support One Sign (structure) 0219. S-51-219	LS	LUMP SUM	_____.
0822	641.0600 Sign Bridge Single Pole Sign Support Two Signs (structure) 0221. S-51-221	LS	LUMP SUM	_____.
0824	641.0600 Sign Bridge Single Pole Sign Support Two Signs (structure) 0762. S-40-762	LS	LUMP SUM	_____.
0826	641.1200 Sign Bridge Cantilevered (structure) 0022. S-51-22	LS	LUMP SUM	_____.
0828	641.1200 Sign Bridge Cantilevered (structure) 0023. S-51-23	LS	LUMP SUM	_____.
0830	641.1200 Sign Bridge Cantilevered (structure) 0590. S-40-590	LS	LUMP SUM	_____.
0832	641.1200 Sign Bridge Cantilevered (structure) 0591. S-40-591	LS	LUMP SUM	_____.
0834	641.1200 Sign Bridge Cantilevered (structure) 0592. S-40-592	LS	LUMP SUM	_____.
0836	641.1200 Sign Bridge Cantilevered (structure) 0595. S-40-595	LS	LUMP SUM	_____.



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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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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0866	643.0420 Traffic Control Barricades Type III	66,565.000 DAY	_____.	_____.
0868	643.0500 Traffic Control Flexible Tubular Marker Posts	70.000 EACH	_____.	_____.
0870	643.0600 Traffic Control Flexible Tubular Marker Bases	70.000 EACH	_____.	_____.
0872	643.0705 Traffic Control Warning Lights Type A	128,462.000 DAY	_____.	_____.
0874	643.0715 Traffic Control Warning Lights Type C	111,129.000 DAY	_____.	_____.
0876	643.0800 Traffic Control Arrow Boards	2,176.000 DAY	_____.	_____.
0878	643.0900 Traffic Control Signs	469,704.000 DAY	_____.	_____.
0880	643.0910 Traffic Control Covering Signs Type I	25.000 EACH	_____.	_____.
0882	643.0920 Traffic Control Covering Signs Type II	75.000 EACH	_____.	_____.
0884	643.1000 Traffic Control Signs Fixed Message	3,768.750 SF	_____.	_____.
0886	643.1050 Traffic Control Signs PCMS	6,529.000 DAY	_____.	_____.
0888	643.1051 Traffic Control Signs PCMS with Cellular Communications	2,017.000 DAY	_____.	_____.
0890	643.1055.S Truck or Trailer Mounted Attenuator	119.000 DAY	_____.	_____.
0892	643.1100.S Dynamic Late Merge System	692.000 DAY	_____.	_____.
0894	643.4100.S Traffic Control Interim Lane Closure	576.000 EACH	_____.	_____.



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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**	43,847.000 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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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0924	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch **P**	8,316.000 LF	_____.	_____.
0926	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch **P**	26,585.000 LF	_____.	_____.
0928	646.5020 Marking Arrow Epoxy	26.000 EACH	_____.	_____.
0930	646.5120 Marking Word Epoxy	14.000 EACH	_____.	_____.
0932	646.5520 Marking Outfall Epoxy	3.000 EACH	_____.	_____.
0934	646.6120 Marking Stop Line Epoxy 18-Inch	381.000 LF	_____.	_____.
0936	646.6220 Marking Yield Line Epoxy 18-Inch	44.000 EACH	_____.	_____.
0938	646.7120 Marking Diagonal Epoxy 12-Inch	22,267.000 LF	_____.	_____.
0940	646.7220 Marking Chevron Epoxy 24-Inch	2,047.000 LF	_____.	_____.
0942	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	478.000 LF	_____.	_____.
0944	646.8120 Marking Curb Epoxy	1,052.000 LF	_____.	_____.
0946	646.8220 Marking Island Nose Epoxy	17.000 EACH	_____.	_____.
0948	646.9000 Marking Removal Line 4-Inch	107,970.000 LF	_____.	_____.
0950	646.9010 Marking Removal Line Water Blasting 4-Inch	67,037.000 LF	_____.	_____.
0952	646.9100 Marking Removal Line 8-Inch	9,253.000 LF	_____.	_____.



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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	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0982	649.0970 Temporary Marking Removable Mask Out Tape 10-Inch	1,250.000 LF	_____.	_____.
0984	652.0125 Conduit Rigid Metallic 2-Inch	382.000 LF	_____.	_____.
0986	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	24,824.000 LF	_____.	_____.
0988	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	2,513.000 LF	_____.	_____.
0990	652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch	450.000 LF	_____.	_____.
0992	652.0700.S Install Conduit into Existing Item	4.000 EACH	_____.	_____.
0994	652.0800 Conduit Loop Detector	782.000 LF	_____.	_____.
0996	653.0140 Pull Boxes Steel 24x42-Inch	70.000 EACH	_____.	_____.
0998	653.0220 Junction Boxes 18x6x6-Inch	2.000 EACH	_____.	_____.
1000	653.0222 Junction Boxes 18x12x6-Inch	8.000 EACH	_____.	_____.
1002	653.0900 Adjusting Pull Boxes	2.000 EACH	_____.	_____.
1004	653.0905 Removing Pull Boxes	70.000 EACH	_____.	_____.
1006	654.0105 Concrete Bases Type 5	12.000 EACH	_____.	_____.
1008	654.0106 Concrete Bases Type 6	4.000 EACH	_____.	_____.
1010	654.0107 Concrete Bases Type 7	88.000 EACH	_____.	_____.



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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	_____.



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1040	656.0200 Electrical Service Meter Breaker Pedestal (location) 0006. (MB-CCTV-51-0062)	LS	LUMP SUM	_____.
1042	656.0200 Electrical Service Meter Breaker Pedestal (location) 0007. MB-CCTV-40-0229	LS	LUMP SUM	_____.
1044	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0001. HL-40-PZ	LS	LUMP SUM	_____.
1046	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0002. HL-40-RS	LS	LUMP SUM	_____.
1048	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 0008. HL-40-ES	LS	LUMP SUM	_____.
1050	656.0500 Electrical Service Breaker Disconnect Box (location) 0001. (CCTV-40-0140)	LS	LUMP SUM	_____.
1052	656.0500 Electrical Service Breaker Disconnect Box (location) 0002. (CCTV-40-0143)	LS	LUMP SUM	_____.
1054	656.0500 Electrical Service Breaker Disconnect Box (location) 0003. Puetz Rd	LS	LUMP SUM	_____.
1056	656.0500 Electrical Service Breaker Disconnect Box (location) 0004. DMS-51-0023	LS	LUMP SUM	_____.
1058	656.0500 Electrical Service Breaker Disconnect Box (location) 0005. DMS-51-0031	LS	LUMP SUM	_____.
1060	656.0500 Electrical Service Breaker Disconnect Box (location) 0006. (CCTV-51-0062)	LS	LUMP SUM	_____.
1062	656.0500 Electrical Service Breaker Disconnect Box (location) 0007. CCTV-40-0229	LS	LUMP SUM	_____.



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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	_____.	_____.



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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	_____.	_____.



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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	_____.	_____.





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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



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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**	579,089.000 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	135,603.000 CY	_____.	_____.
1194	SPV.0035 Special 0009. EBS Backfill	135,603.000 CY	_____.	_____.
1196	SPV.0035 Special 0020. Riprap Light Special Mix	36.000 CY	_____.	_____.
1198	SPV.0035 Special 4000. HPC Masonry Structures **P**	7,511.000 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



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1208	SPV.0060 Special 0002. Tree Trimming	50.000 EACH	_____.	_____.
1210	SPV.0060 Special 0007. Baseline CPM Progress Schedule	1.000 EACH	_____.	_____.
1212	SPV.0060 Special 0008. Monthly CPM Progress Schedule Updates	119.000 EACH	_____.	_____.
1214	SPV.0060 Special 0009. Temporary Storm Sewer Plug	31.000 EACH	_____.	_____.
1216	SPV.0060 Special 0016. Reconnect Storm Sewer	109.000 EACH	_____.	_____.
1218	SPV.0060 Special 0020. Fastening Sewer Access Covers	132.000 EACH	_____.	_____.
1220	SPV.0060 Special 0026. Fixed Message Sign Portable Support Special	31.000 EACH	_____.	_____.
1222	SPV.0060 Special 0029. Permanent Barricades Type III	12.000 EACH	_____.	_____.
1224	SPV.0060 Special 0030. Barricade Rack	4.000 EACH	_____.	_____.
1228	SPV.0060 Special 0034. Mobilizations Emergency Pavement Repair	15.000 EACH	_____.	_____.
1230	SPV.0060 Special 0037. Traffic Control Close-Open Freeway Entrance Ramp	119.000 EACH	_____.	_____.
1232	SPV.0060 Special 0040. Maintain and Salvage Crash Cushions Temporary Left-in-place	4.000 EACH	_____.	_____.
1234	SPV.0060 Special 0042. Crash Cushion Special	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1236	SPV.0060 Special 0044. Flexible Tubular Markers Median	20.000 EACH	_____.	_____.
1238	SPV.0060 Special 0048. Traffic Control Full Freeway Closure	25.000 EACH	_____.	_____.
1240	SPV.0060 Special 0053. Rootstock Vegetation	1,275.000 EACH	_____.	_____.
1242	SPV.0060 Special 0054. Temporary Stone Ditch Checks	66.000 EACH	_____.	_____.
1244	SPV.0060 Special 0055. Temporary Sediment Traps	33.000 EACH	_____.	_____.
1246	SPV.0060 Special 0056. Sand Bags	1,140.000 EACH	_____.	_____.
1248	SPV.0060 Special 0060. Section Corner Monuments	37.000 EACH	_____.	_____.
1250	SPV.0060 Special 0080. Marking Contrast Epoxy Special Marking Arrow	76.000 EACH	_____.	_____.
1252	SPV.0060 Special 0082. Marking Contrast Epoxy Special Marking Words	24.000 EACH	_____.	_____.
1254	SPV.0060 Special 0096. Concrete Barrier Transition Type G1	1.000 EACH	_____.	_____.
1256	SPV.0060 Special 0099. Concrete Barrier Transition Type G2	1.000 EACH	_____.	_____.
1258	SPV.0060 Special 0100. Exposing Existing Infrastructure Unpaved Area	15.000 EACH	_____.	_____.
1260	SPV.0060 Special 0101. Exposing Existing Infrastructure Paved Area	11.000 EACH	_____.	_____.



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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	_____.	_____.



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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	_____.	_____.



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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 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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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1364	SPV.0105 Special 0004. Survey Project 1030-20-87	LS	LUMP SUM	_____.
1366	SPV.0105 Special 0008. Survey Project 1035-01-82	LS	LUMP SUM	_____.
1368	SPV.0105 Special 0012. Survey Project 1035-01-72	LS	LUMP SUM	_____.
1370	SPV.0105 Special 0014. Survey Project 1035-01-74	LS	LUMP SUM	_____.
1372	SPV.0105 Special 0016. Survey Project 1035-01-79	LS	LUMP SUM	_____.
1374	SPV.0105 Special 1002. Underdeck Lighting Special B-40-763	LS	LUMP SUM	_____.
1376	SPV.0105 Special 1003. Underdeck Lighting Special B-40-809	LS	LUMP SUM	_____.
1378	SPV.0105 Special 1010. Lighting System Integrator 1030-20-84	LS	LUMP SUM	_____.
1380	SPV.0105 Special 1012. Lighting System Integrator 1030-20-87	LS	LUMP SUM	_____.
1382	SPV.0105 Special 1014. Lighting System Intergrator 1035-01-72	LS	LUMP SUM	_____.
1384	SPV.0105 Special 1020. Maintenance of Lighting Systems 1030-20-84	LS	LUMP SUM	_____.
1386	SPV.0105 Special 1022. Maintenance of Lighting Systems 1030-20-87	LS	LUMP SUM	_____.
1388	SPV.0105 Special 1024. Maintenance of Lighting Systems 1035-01-72	LS	LUMP SUM	_____.
1390	SPV.0105 Special 1030. Lighting System Survey 1030-20-84	LS	LUMP SUM	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1392	SPV.0105 Special 1032. Lighting System Survey 1030-20-87	LS	LUMP SUM	_____.
1394	SPV.0105 Special 1034. Lighting System Survey 1035-01-72	LS	LUMP SUM	_____.
1396	SPV.0105 Special 4010. Temporary Bridge Widening B-40-224	LS	LUMP SUM	_____.
1398	SPV.0105 Special 4012. Temporary Bridge Widening B-40-222	LS	LUMP SUM	_____.
1400	SPV.0105 Special 4014. Temporary Bridge Widening B-51-33	LS	LUMP SUM	_____.
1402	SPV.0135 Special 0010. Field Office Special	27.000 MON	_____.	_____.
1404	SPV.0165 Special 4001. Longitudinal Grooving Bridge Deck **P**	153,579.000 SF	_____.	_____.
1406	SPV.0165 Special 4010. Wall Concrete Panel Mechanically Stabilized Earth R-40-385 **p**	4,495.000 SF	_____.	_____.
1408	SPV.0165 Special 4011. Wall Concrete Panel Mechanically Stabilized Earth R-40-387 **p**	4,086.000 SF	_____.	_____.
1410	SPV.0165 Special 4012. Partial Depth Precast Prestressed Concrete Deck Panels B-40- 800	14,200.000 SF	_____.	_____.
1412	SPV.0165 Special 4020. Partial Depth Precast Prestressed Concrete Deck Panels B-40- 801	14,140.000 SF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1414	SPV.0165 Special 4030. Partial Depth Precast Prestressed Concrete Deck Panels B-40-802	15,768.000 SF	_____.	_____.
1416	SPV.0165 Special 4040. Partial Depth Precast Prestressed Concrete Deck Panels B-51-139	10,391.000 SF	_____.	_____.
1418	SPV.0165 Special 4050. Partial Depth Precast Prestressed Concrete Deck Panels B-51-140	10,391.000 SF	_____.	_____.
1420	SPV.0170 Special 0002. Removal and Disposal of Invasive Plant Species	64.700 STA	_____.	_____.
1422	SPV.0180 Special 0001. Concrete Pavement 12-Inch Special **P**	182,784.000 SY	_____.	_____.
1424	SPV.0180 Special 0006. Removing Rumble Strips	1,940.000 SY	_____.	_____.
1426	SPV.0180 Special 0008. Concrete Pavement 12 1/2-Inch Special **P**	516,843.000 SY	_____.	_____.
1428	SPV.0180 Special 0009. Concrete Pavement HES 12 1/2-Inch Special **P**	6,043.000 SY	_____.	_____.
1430	SPV.0180 Special 0010. Rootstock Protection	3,867.000 SY	_____.	_____.
1432	SPV.0180 Special 0012. Mulching Special	7,710.000 SY	_____.	_____.
1434	SPV.0180 Special 0106. Asphaltic Material Binder	10,276.000 SY	_____.	_____.
1436	SPV.0180 Special 4800. Slope Paving Crushed Aggregate Special	3,902.000 SY	_____.	_____.
1438	SPV.0195 Special 0002. HMA Transverse Joint Repair	300.000 TON	_____.	_____.



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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	3,042.000 TON	_____.	_____.
1448	SPV.0195 Special 0012. Subgrade Strengthening Treatment	42,025.000 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	_____.	_____.



