



# Wisconsin Department of Transportation

## Division of Transportation Systems Development

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

November 1, 2018

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #05: 1206-08-77, WISC 2018438**  
**Mount Horeb - Madison**  
**CTH PD to Raymond RD/STG 2/Phase 3**  
**USH 18**  
**Dane County**

### Letting of November 13, 2018

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

#### Special Provisions:

Deleted Special Provisions	
Article No.	Description
122	Concrete Barrier Special Transition S42C-S56C, Item SPV.0090.005

#### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0220	Removing Inlets	EACH	81	-10	71
204.0245.001	Removing Storm Sewer 12-Inch	LF	2,170	-500	1,670
204.0245.002	Removing Storm Sewer 15-Inch	LF	270	-130	140
204.0245.003	Removing Storm Sewer 18-Inch	LF	1,088	-4	1,084
204.0245.004	Removing Storm Sewer 24-Inch	LF	828	-75	753
305.0120	Base Aggregate Dense 1 1/4-Inch	TON	48,045	31	48,035
416.0610	Drilled Tie Bars	EACH	96	6	102
416.1715	Concrete Pavement Repair SHES	SY	61	3	64
416.1725	Concrete Pavement Replacement SHES	SY	251	11	262
455.0605	Tack Coat	GAL	2,642	-2	8,640
460.6424	HMA Pavement 4 MT 58-28 H	TON	3,717	13,376	17,093
520.8000	Concrete Collars for Pipe	EACH	78	1	79
608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	5,430	-158	5,272
608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	2,148	486	2,634

608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	2,385	-250	2,135
611.0530	Manhole Covers Type J	EACH	12	1	13
611.0627	Inlet Covers Type HM	EACH	35	-1	34
611.2004	Manholes 4-FT Diameter	EACH	37	2	39
611.3230	Inlets 2x3-FT	EACH	78	-1	77
649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	13,102	1,270	14,372
650.4000	Construction Staking Storm Sewer	EACH	232	1	233
690.0150	Sawing Asphalt	LF	19,043	2,232	21,275
690.0250	Sawing Concrete	LF	2,409	35	2,444
SPV.0035.001	Roadway Embankment	CY	128,885	-8,102	120,783
SPV.0060.053	Storm Sewer Tap	EACH	48	1	49
SPV.0090.012	Removing HMA Pavement Longitudinal Joint Milling	LF	34,700	5,570	40,270

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
603.3559	Concrete Barrier Transition Type S42 to S56	EACH	0	1	1

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0090.005	Concrete Barrier Special Transition S42C-S56C	LF	25	-25	0

**Plan Sheets:**

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
111	ITS Fiber Plans - USH 18/151 (Verona Road) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
128	Storm Sewer Removal - USH 18/151 (Verona Road) (Added storm sewer removals)
129	Storm Sewer Removal - USH 18/151 (Verona Road) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
130	Storm Sewer Removal - USH 18/151 (Verona Road) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
137	Plan - USH 18/151 (Verona Road) (Revised the proposed storm sewer. Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
138	Plan - USH 18/151 (Verona Road) (Revised the proposed storm sewer. Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
139	Plan - USH 18/151 (Verona Road) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
147	Plan and Profile - A Ramp (A) (Revised the proposed storm sewer)
148	Plan and Profile - A Ramp (A) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
165	Storm Sewer (Revised the storm sewer tables to reflect proposed storm sewer updates)

171-173	Underdrain Plan - USH 18/151 (Verona Road) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
355	Traffic Control General Notes & Legends (Added an item to the Legend: Symbols All Stages for Asphaltic Surface Temporary Wedge and Asphaltic Surface Milling)
361	Construction Details - Staging (Added a note to the Asphaltic Surface Temporary Wedge Detail)
373	Traffic Control - Typical Sections - Verona Road (VR) (Updated the typical sections for the Concrete Pavement Repair/Replacement SHES work area)
377	Traffic Control - Typical Sections - CTH PD (McKee Road) (Added notes and details for the Notched Wedge Longitudinal Joint Detail)
394-397	Traffic Control - Verona Rd Stg. 9 Concrete Repairs (Revised the Concrete Repair areas)
437	Traffic Control - CTH PD (McKee Road) Stg. 10B Ph. 1 (Added pattern for Asphaltic Surface Temporary Wedge)
459	Traffic Control - CTH PD (McKee Road) Stg. 10B Ph. 2 (Added pattern for Asphaltic Surface Temporary Wedge)
460	Traffic Control - CTH PD (McKee Road) Stg. 10B Ph. 2 (Added pattern for Asphaltic Surface Temporary Wedge)
462	Traffic Control - CTH PD (McKee Road) Stg. 10B Ph. 2 (Added pattern for Asphaltic Surface Temporary Wedge)
463	Traffic Control - CTH PD (McKee Road) Stg. 10C Ph. 2 (Added pattern for Asphaltic Surface Temporary Wedge)
516	Miscellaneous Quantities (Revised the Removing Storm Sewer quantities)
518	Miscellaneous Quantities (Revised the Removing Inlets quantity and Removing Manholes station and offset)
519	Miscellaneous Quantities (Revised the Roadway Embankment quantity)
520	Miscellaneous Quantities (Revised the Base Aggregate Dense 1 1/4-Inch quantity)
521	Miscellaneous Quantities (Revised the Drilled Tie Bar, Concrete Pavement Repair SHES, and Concrete Pavement Replacement SHES quantities)
522	Miscellaneous Quantities (Revised the Tack Coat and HMA Pavement 4 MT 58-28 H quantities)
525	Miscellaneous Quantities (Removed SPV.0090.005 Concrete Barrier Transition Special S42C-S56C and added 603.3559 Concrete Barrier Transition Type S42 to S56)
527	Miscellaneous Quantities (Revised the Storm Sewer Pipe Reinforces Concrete Class IV 12-Inch, 18-Inch, and 24-Inch quantities)
530	Miscellaneous Quantities (Revised the Storm Sewer Pipe Reinforces Concrete Class IV 12-Inch, 18-Inch, 24-Inch, Storm Sewer Tap, and Concrete Collars for Pipe quantities)
533	Miscellaneous Quantities (Revised Manhole 4-FT, Inlets 2x3-FT, Manhole Covers Type J, Inlet Covers Type HM, and Construction Staking Storm Sewer quantities)
536	Miscellaneous Quantities (Revised Manhole 4-FT, Inlets 2x3-FT, Manhole Covers Type J, Inlet Covers Type HM, and Construction Staking Storm Sewer quantities)
552	Miscellaneous Quantities (Revised the Sawing Asphalt, Sawing Concrete, and Removing HMA Pavement Longitudinal Joint Milling quantities)
571	Miscellaneous Quantities (Revised VR STG 9 to PD STG 10A)
575	Miscellaneous Quantities (Revised the Temporary Marking Line Removable Tape 4-Inch quantity)
593	Plan - USH 18/151 (Verona Road) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
594	Profile - USH 18/151 (Verona Road) (Revised existing ground in the westbound profile)
595	Plan - USH 18/151 (Verona Road) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
596	Profile - USH 18/151 (Verona Road) (Revised existing ground in the westbound profile)
605	Plan - CTH PD (McKee Road) (EB and WB) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)

610	Plan and Profile - A Ramp (A) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
620	Plan & Profile - M Ramp (M) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
621	Plan & Profile - N Ramp (N) (Removed linework for existing storm sewer that was removed as a change to the 1206-07-75 construction project)
983	Typical Sections & Quantities (updated soil reinforcement length)
984	Soil Parameters (added soil parameters to retained soil height in "Soil Parameters" table)
985	Elevations (moved "Wall External Stability Evaluation" table from sheet 984 to sheet 985)
1,002	Typical Sections & Quantities (updated soil reinforcement length)
1,003	Soil Parameters (added soil parameters to retained soil height in "Soil Parameters" table)
1,033	Earthwork (Revised the Earthwork Data Tables based on updated existing ground)
1,049-1,058	Cross Sections - Mainline (VR) (Revised existing ground)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
492A-492P	Cross Sections - CTH PD (McKee Road) STG. 10A (Added to provide additional information for temporary paving)
740a	Standard Detail Drawing 14B39-1e (SDD added because item Concrete Barrier Transition Type S42 to S56 was added)

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**

**1206-08-77**

**November 1, 2018**

**Special Provisions**

**122. DELETED.**

**Schedule of Items**

Attached, dated November 1, 2018, are the revised Schedule of Items Pages 1 – 36.

**Plan Sheets**

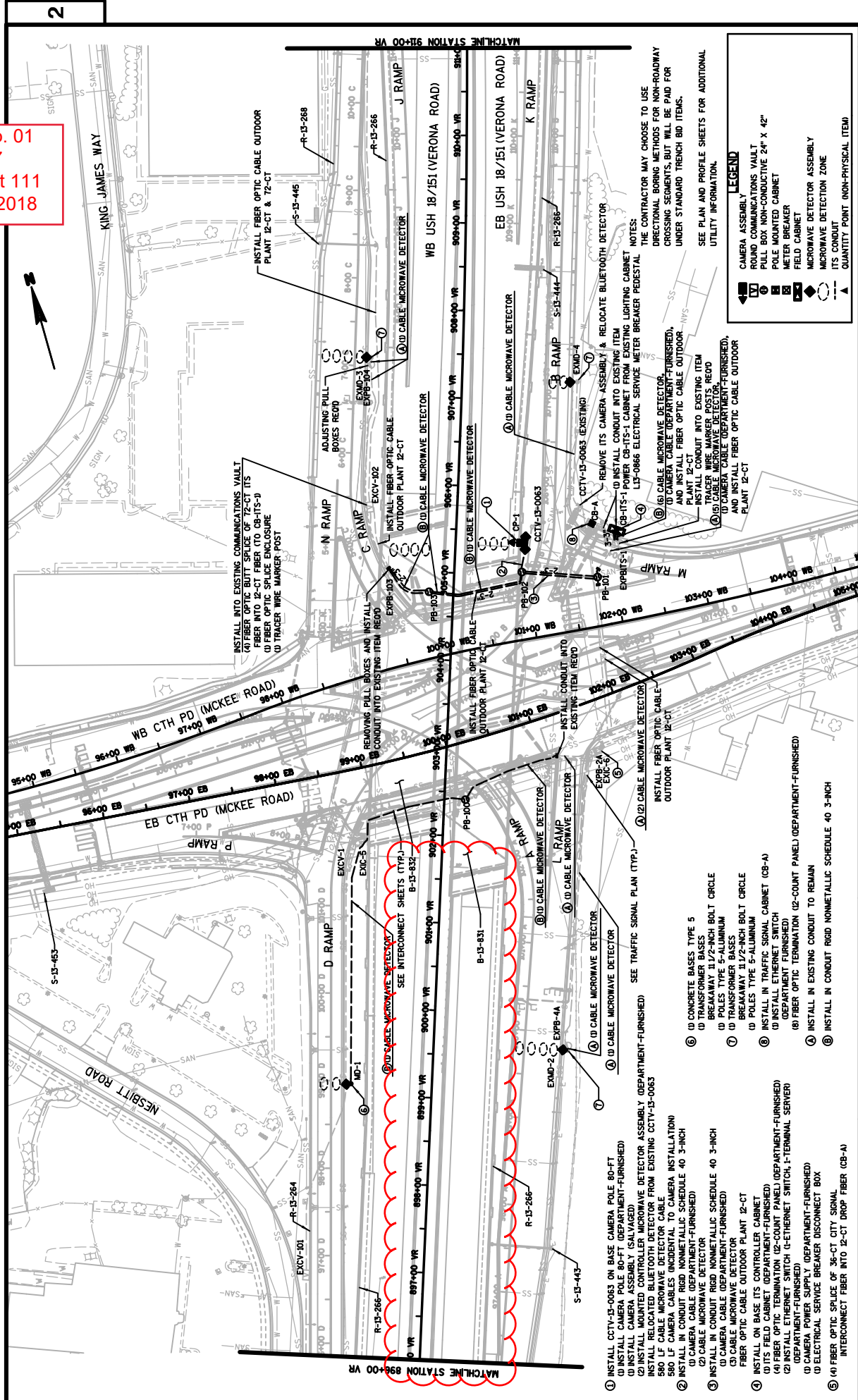
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 111, 128-130, 137-139, 147-148, 165, 171-173, 355, 361, 373, 377, 394-397, 437, 459-460, 462-463, 516, 518-522, 525, 527, 530, 533, 536, 552, 571, 575, 593-596, 605, 610, 620-621, 983-985, 1002-1003, 1033, and 1049-1058.

Added: 492A-492P, and 740A.

END OF ADDENDUM

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 111  
 November 1, 2018

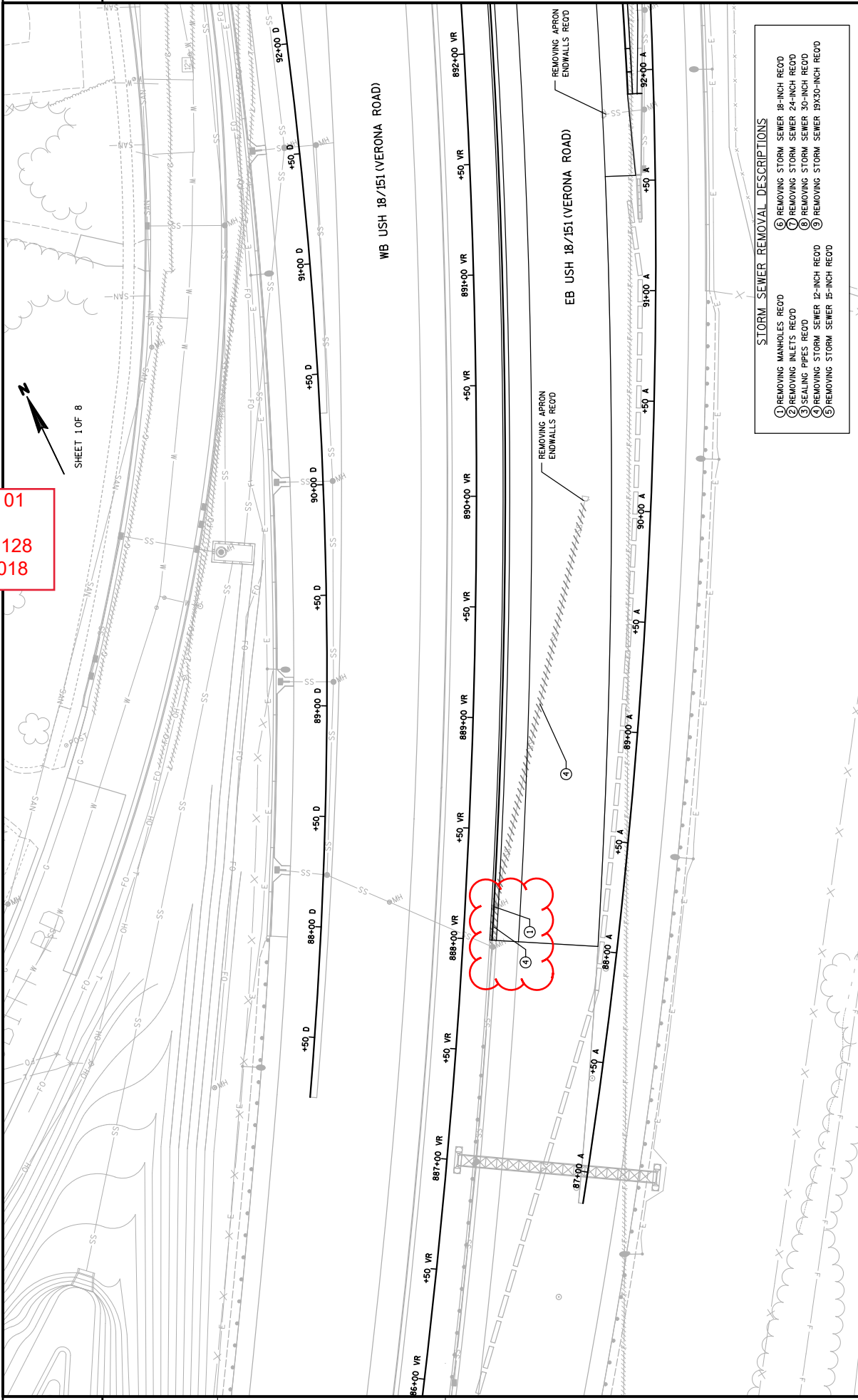


- LEGEND**
- ◻ CAMERA ASSEMBLY
  - ROUND COMMUNICATIONS VAULT
  - ◻ PULL BOX NON-CONDUCTIVE 24" X 42"
  - ◻ POLE MOUNTED CABINET
  - ◻ METER BREAKER
  - ◻ FIELD CABINET
  - ◻ MICROWAVE DETECTOR ASSEMBLY
  - ◻ MICROWAVE DETECTION ZONE
  - ◻ ITS CONDUIT
  - ◻ QUANTITY POINT (NON-PHYSICAL ITEM)

NOTES:  
 THE CONTRACTOR MAY CHOOSE TO USE DIRECTIONAL BORING METHODS FOR NON-ROADWAY CROSSING SEGMENTS, BUT WILL BE PAID FOR UNDER STANDARD TRENCH BID ITEMS.  
 SEE PLAN AND PROFILE SHEETS FOR ADDITIONAL UTILITY INFORMATION.

- ① INSTALL CCTV-15-0063 ON BASE CAMERA POLE 80-FT
- ② INSTALL CAMERA ASSEMBLY (SALVAGED)
- ③ INSTALL MOUNTED CONTROLLER MICROWAVE DETECTOR ASSEMBLY (DEPARTMENT-FURNISHED)
- ④ INSTALL RELOCATED BLUETOOTH DETECTOR FROM EXISTING CCTV-15-0063
- ⑤ 580 LF CAMERA CABLES (INCIDENTAL TO CAMERA INSTALLATION)
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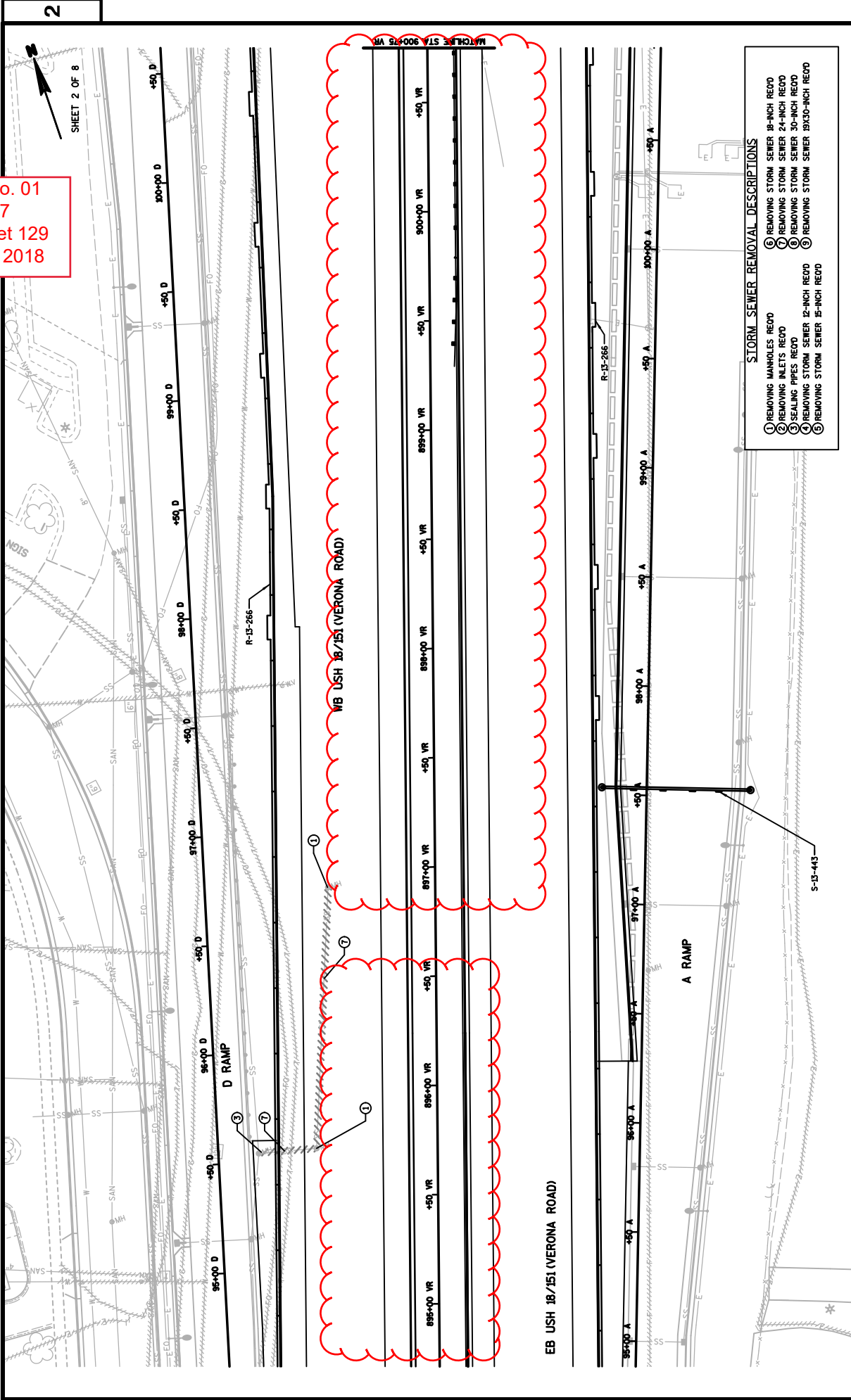
SHEET 1 OF 8



- STORM SEWER REMOVAL DESCRIPTIONS**
- ① REMOVING MANHOLES REQD
  - ② REMOVING INLETS REQD
  - ③ SEALING PIPES REQD
  - ④ REMOVING STORM SEWER 12-INCH REQD
  - ⑤ REMOVING STORM SEWER 15-INCH REQD
  - ⑥ REMOVING STORM SEWER 18-INCH REQD
  - ⑦ REMOVING STORM SEWER 24-INCH REQD
  - ⑧ REMOVING STORM SEWER 30-INCH REQD
  - ⑨ REMOVING STORM SEWER 19X30-INCH REQD

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 128  
 November 1, 2018

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 129  
 November 1, 2018

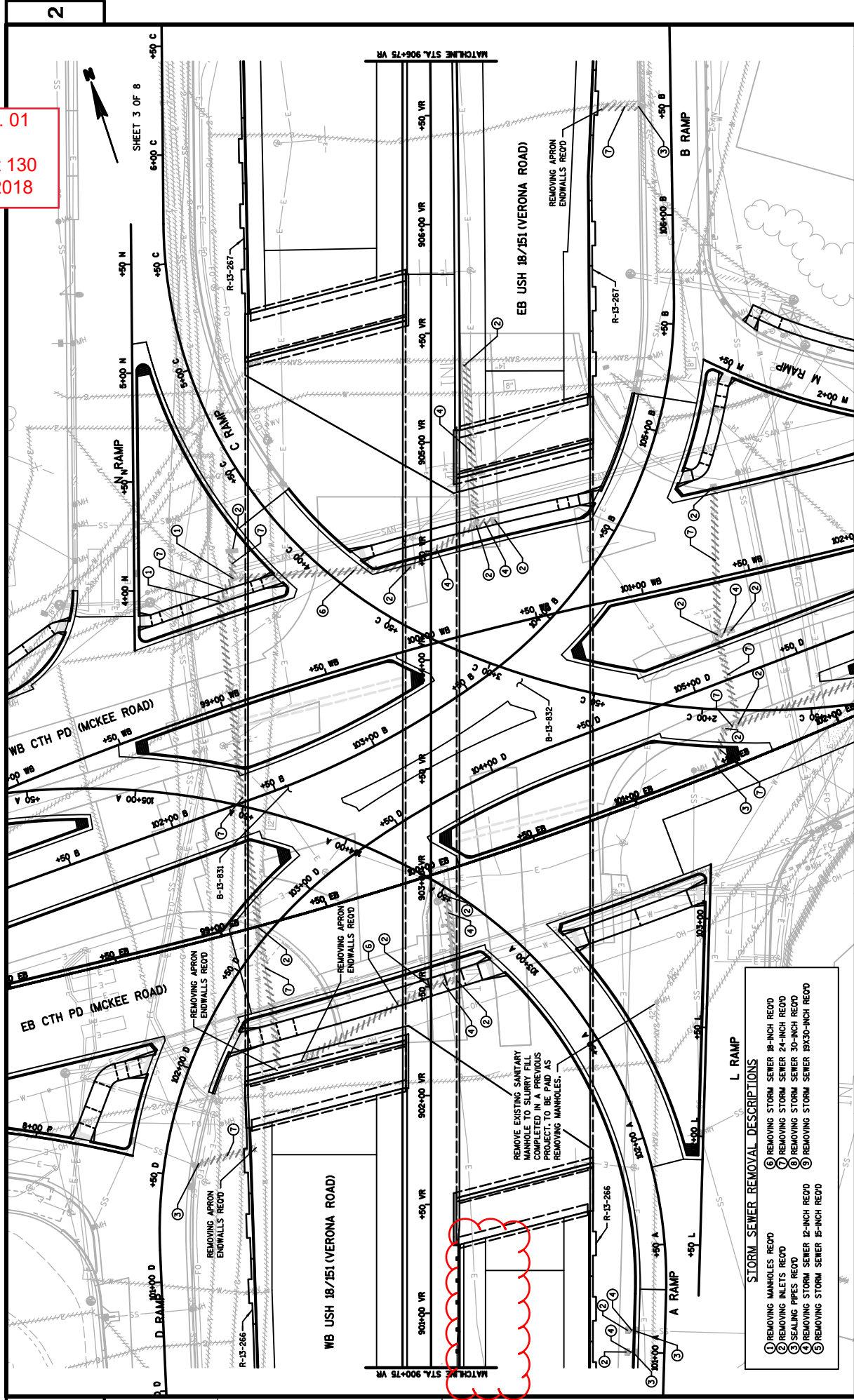


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SHEET 2 OF 8



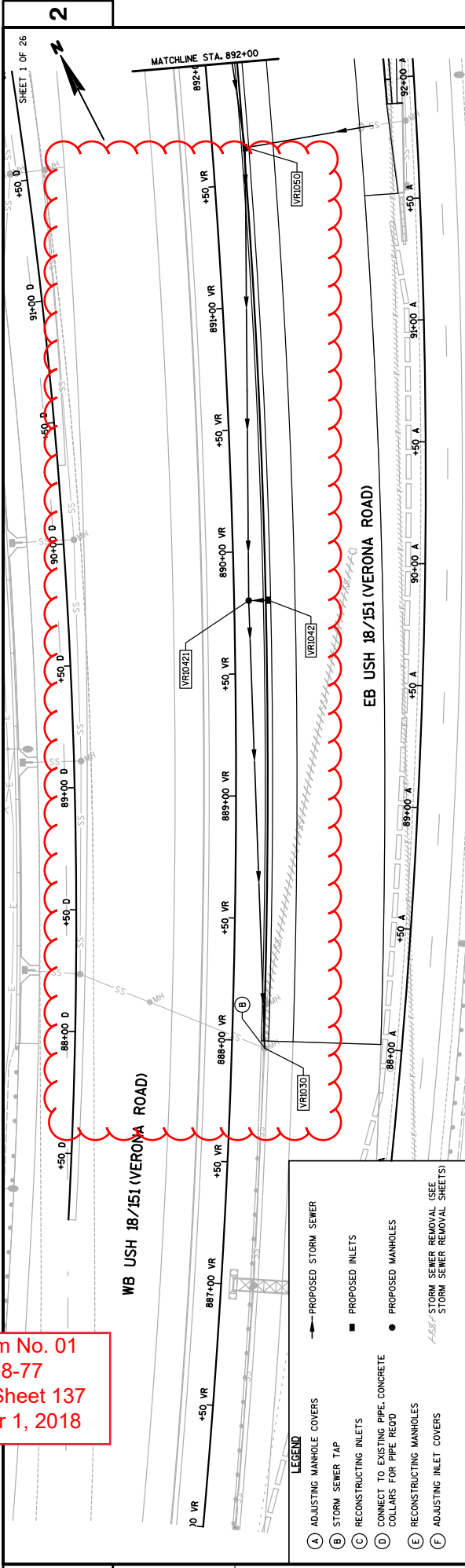
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 130  
 November 1, 2018



**STORM SEWER REMOVAL DESCRIPTIONS**

①	REMOVING MANHOLES RECD
②	REMOVING INLETS RECD
③	SEALING PIPES RECD
④	REMOVING STORM SEWER 12-INCH RECD
⑤	REMOVING STORM SEWER 15-INCH RECD
⑥	REMOVING STORM SEWER 18-INCH RECD
⑦	REMOVING STORM SEWER 24-INCH RECD
⑧	REMOVING STORM SEWER 30-INCH RECD
⑨	REMOVING STORM SEWER 36-INCH RECD

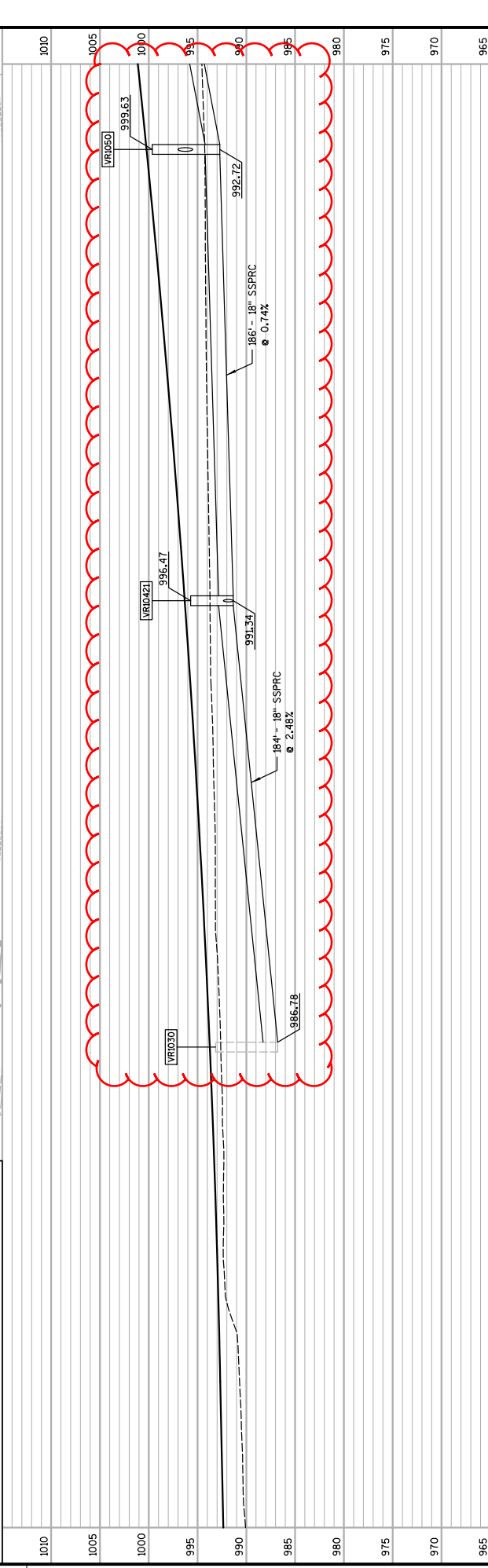
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 137  
 November 1, 2018



**LEGEND**

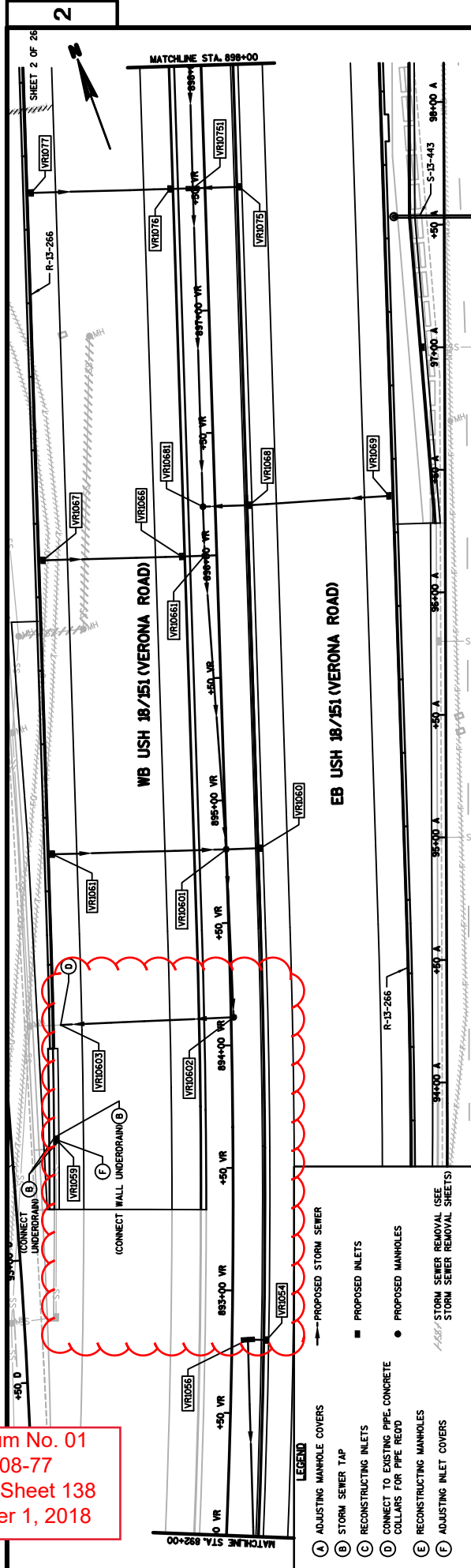
- (A) ADJUSTING MANHOLE COVERS
- (B) STORM SEWER TAP
- (C) RECONSTRUCTING INLETS
- (D) CONNECT TO EXISTING PIPE, CONCRETE COLLARS FOR PIPE HEAD
- (E) RECONSTRUCTING MANHOLES
- (F) ADJUSTING INLET COVERS
- PROPOSED STORM SEWER
- PROPOSED INLETS
- PROPOSED MANHOLES

ASB STORM SEWER REMOVAL (SEE STORM SEWER REMOVAL SHEETS)

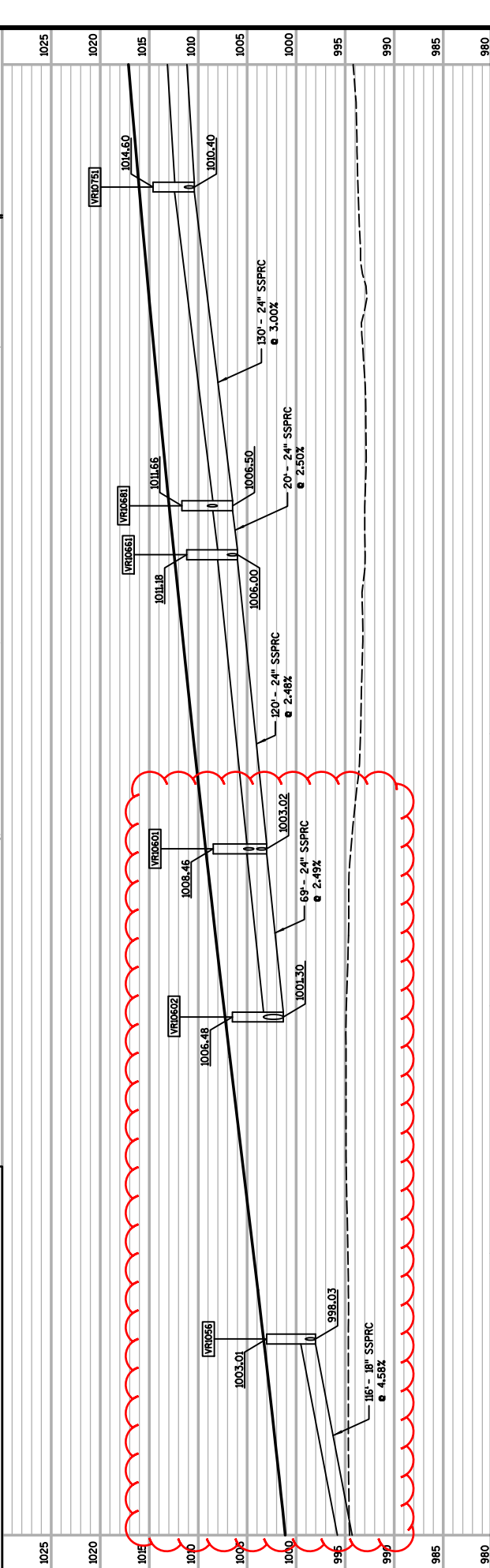


1010	1005	1000	995	990	985	980	975	970	965
PROJECT NO: 1206-08-77      COUNTY: DANE      PLAN - USH 18/151 (VERONA ROAD) (VR)      SHEET 137									
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Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 138  
 November 1, 2018

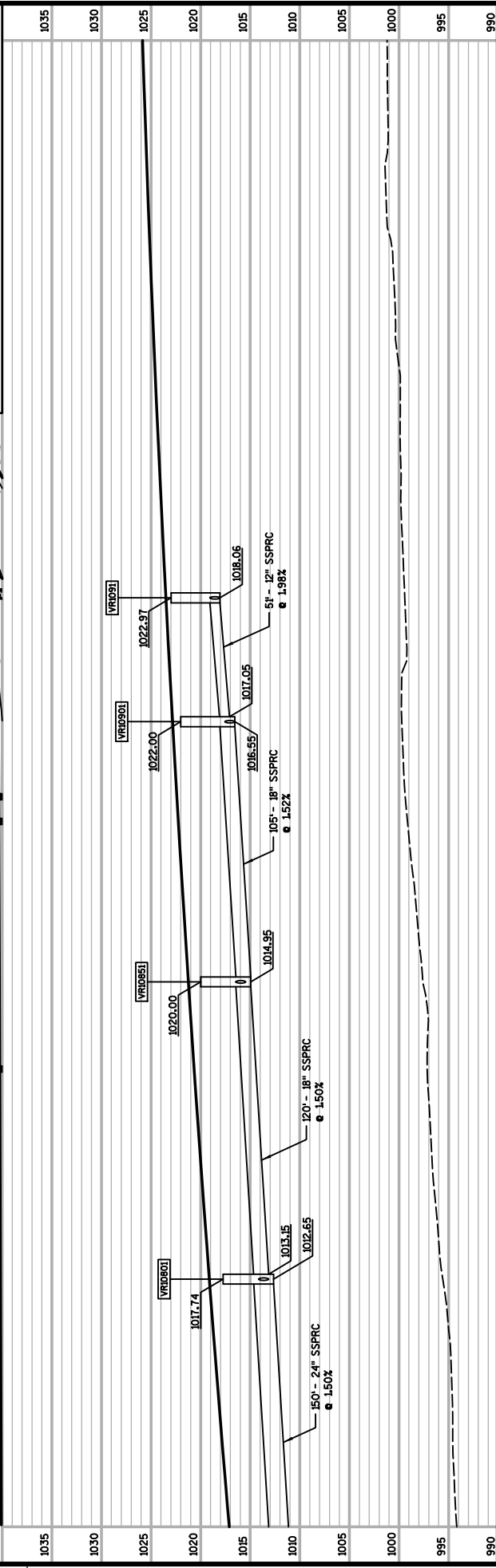
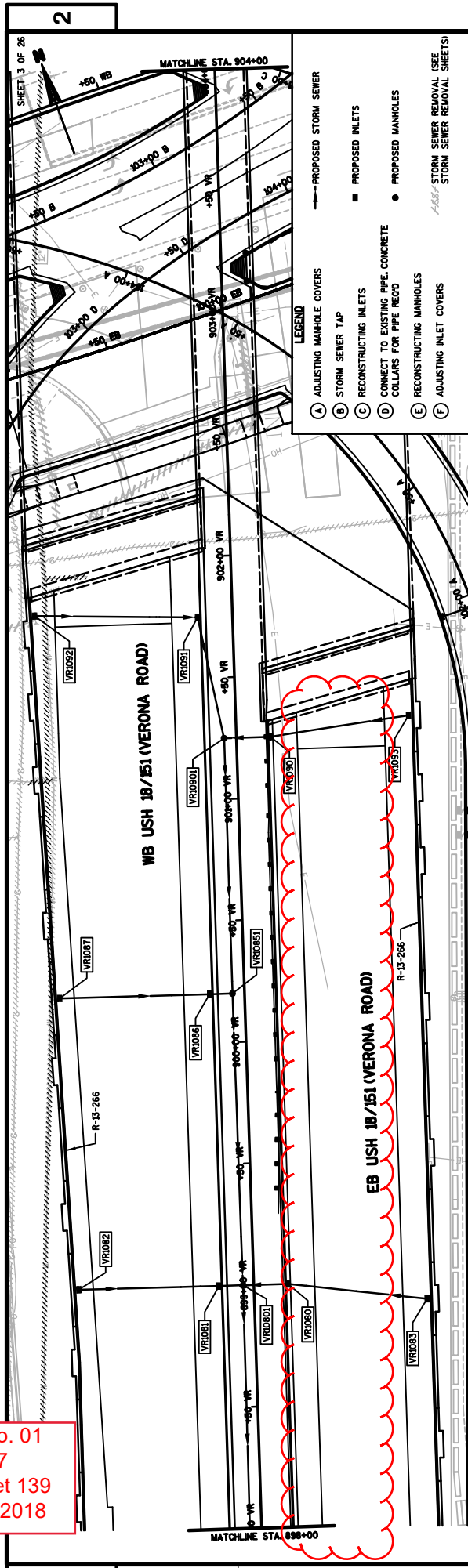


- LEGEND**
- (A) ADJUSTING MANHOLE COVERS
  - (B) STORM SEWER TAP
  - (C) RECONSTRUCTING INLETS
  - (D) CONNECT TO EXISTING PIPE, CONCRETE COLLARS FOR PIPE REID
  - (E) RECONSTRUCTING MANHOLES
  - (F) ADJUSTING INLET COVERS
  - PROPOSED STORM SEWER
  - PROPOSED INLETS
  - PROPOSED MANHOLES
- ASS: STORM SEWER REMOVAL (SEE STORM SEWER REMOVAL SHEETS)



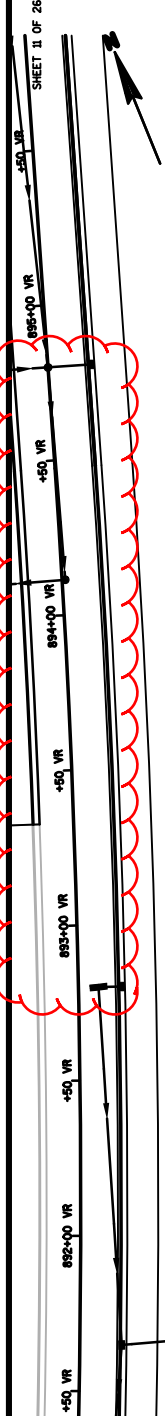
PROJECT NO: 1206-08-77	COUNTY: DANE	PLAN - USH 18/151 (VERONA ROAD) (VR)	SHEET 138
HWY: USH 18		PLOT NAME : **.....plotscale.....** WSDOT/CADD SHEET 41	
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Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 139  
 November 1, 2018

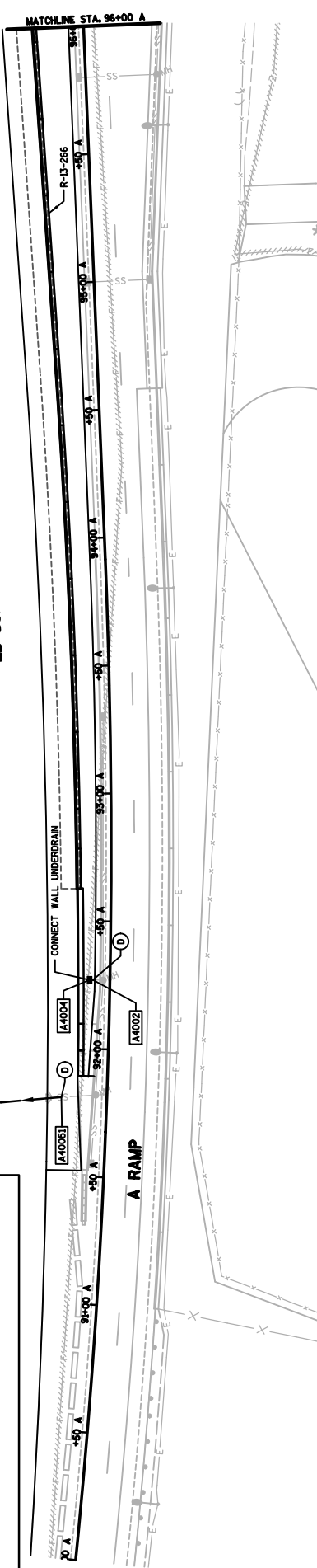


PROJECT NO: 1206-08-77      HWY: USH 18      COUNTY: DANE      PLAN - USH 18/151 (VERONA ROAD) (VR)      SHEET 139

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EB USH 18/151 VERONA ROAD

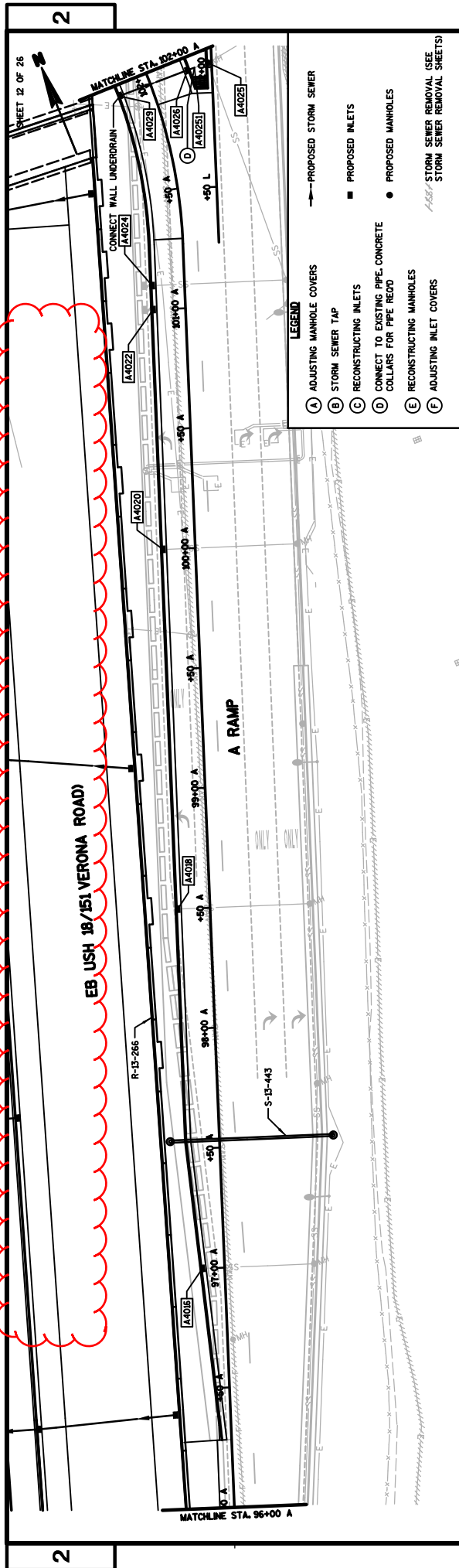


Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 147  
 November 1, 2018

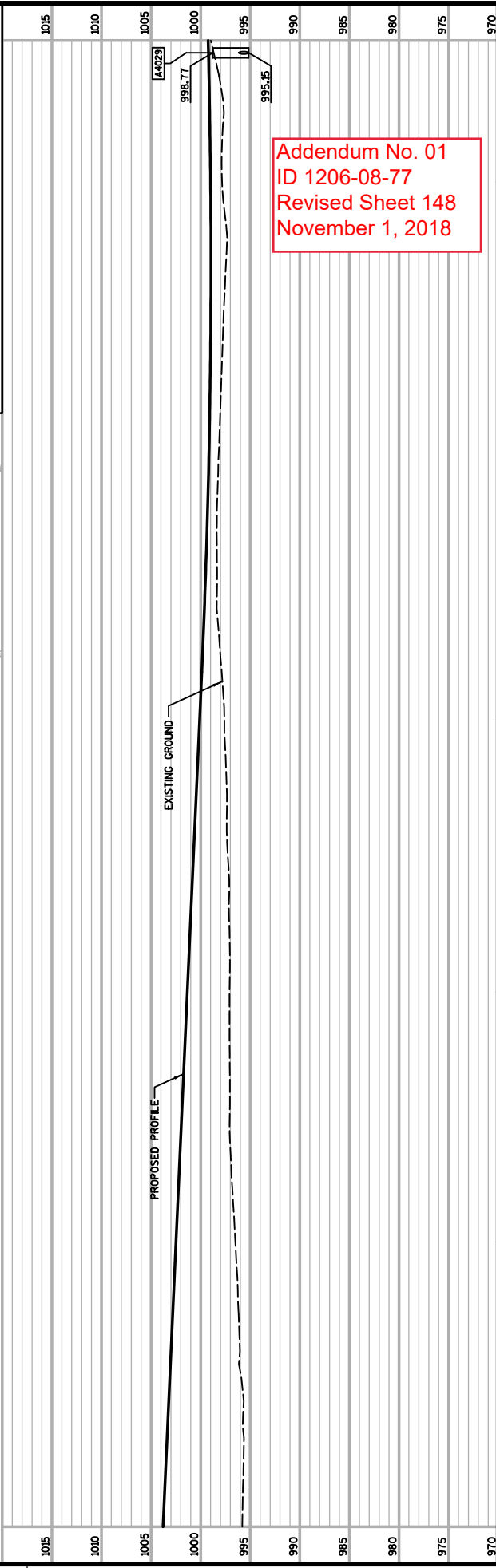
- LEGEND**
- (A) ADJUSTING MANHOLE COVERS
  - (B) STORM SEWER TAP
  - (C) RECONSTRUCTING INLETS
  - (D) CONNECT TO EXISTING PIPE, CONCRETE COLLARS FOR PIPE REDD
  - (E) RECONSTRUCTING MANHOLES
  - (F) ADJUSTING INLET COVERS
- PROPOSED STORM SEWER
  - PROPOSED INLETS
  - PROPOSED MANHOLES
- STORM SEWER REMOVAL (SEE STORM SEWER REMOVAL SHEETS)

PROJECT NO: 1206-08-77      HWY: USH 18      COUNTY: DANE      PLAN AND PROFILE - A RAMP (A)      SHEET 147

FILE NAME : S:\MWD\1000--1099\1089\329\Mcros\PLAN\0877\022511\_ss.dgn      PLOT DATE : 10/22/2018      PLOT BY : \_username\_      PLOT SCALE : \*\*.....plotescale.....\*\* WSDOT/CADD SHEET 41



- LEGEND**
- (A) ADJUSTING MANHOLE COVERS
  - (B) STORM SEWER TAP
  - (C) RECONSTRUCTING INLETS
  - (D) CONNECT TO EXISTING PIPE, CONCRETE COLLARS FOR PIPE RIGID
  - (E) RECONSTRUCTING MANHOLES
  - (F) ADJUSTING INLET COVERS
- PROPOSED STORM SEWER
  - PROPOSED INLETS
  - PROPOSED MANHOLES
- ASS: STORM SEWER REMOVAL (SEE STORM SEWER REMOVAL SHEETS)*



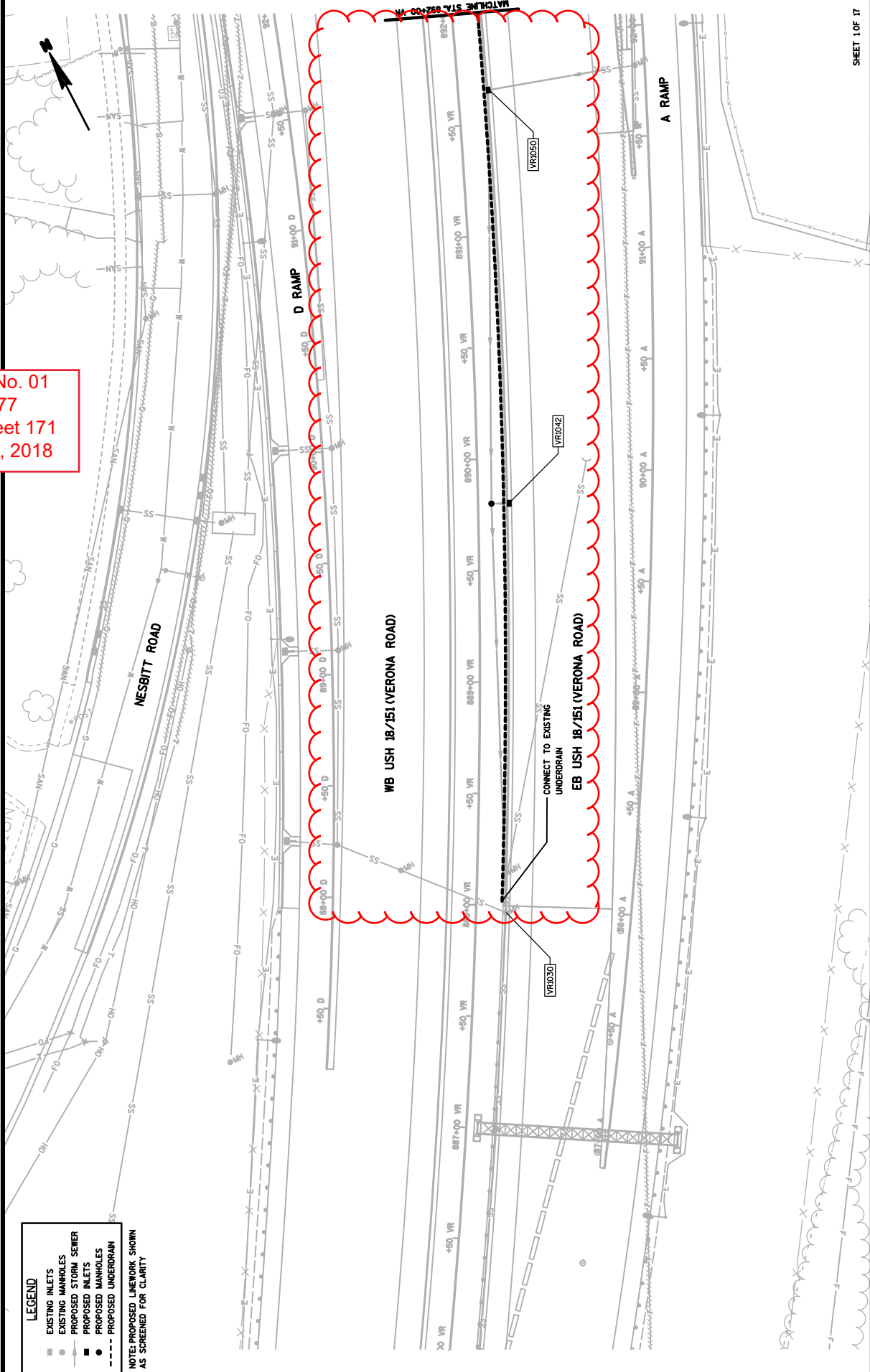
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 148  
 November 1, 2018

STRUCT NO.	STATION	OFFSET	C-C (FT)	TO STRUCT	INLET TYPE	COVER MH TYPE	COVER	RM/GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	SIZE (IN)	DISCHARGE PIPE		SLOPE (%)	REMARKS	PIPE CUTOUTS FOR UNDERDRAIN	
												INLET ELEV.	ELLEV.				
K460	115+32.5K	3.5' LT	-	-	-	HM	-	1022.80	-	-	-	1016.46	-	-	STORM SEWER TAP RECD	-	
K472	117+03.90K	12.2' LT	-	-	-	-	-	-	-	-	-	1016.95	-	-	CONCRETE COLLARS FOR PIPE RECD	-	
K482	118+05.00K	13.5' LT	-	-	-	-	-	-	-	-	-	1016.95	-	-	CONCRETE COLLARS FOR PIPE RECD	-	
K492	120+90.00K	13.5' LT	-	-	-	-	-	-	-	-	-	1013.95	-	-	CONCRETE COLLARS FOR PIPE RECD	-	
K497	121+36.54K	12.0' LT	-	-	-	-	-	-	-	-	-	1014.24	-	-	CONCRETE COLLARS FOR PIPE RECD	-	
K4202	124+35.00K	12.5' LT	-	-	-	-	-	-	-	-	-	1013.54	-	-	CONCRETE COLLARS FOR PIPE RECD	-	
K4213	125+70.00K	13.5' LT	-	-	-	-	-	-	-	-	-	1012.45	-	-	CONCRETE COLLARS FOR PIPE RECD	-	
K4221	126+95.01K	10.8' LT	-	-	-	-	-	-	-	-	-	1011.92	-	-	CONCRETE COLLARS FOR PIPE RECD	-	
K4235	128+15.00K	20.0' RT	6.0' RT	-	-	HM	-	1015.00	1014.54	3.54	15	1011.00	1010.73	27	1.00%	STORM SEWER TAP RECD; ADJUSTING MANHOLE COVERS RECD	-
K4236	128+15.19K	6.6' LT	26.6	K4235	2X3-FT	HM	-	1015.37	-	-	-	-	-	-	STORM SEWER TAP RECD (3) (2 FOR UNDERDRAIN)	-	
K4250	130+42.00K	22.5' RT	-	-	-	HM	-	1013.60	-	-	-	-	-	-	RECONSTRUCTING MANHOLES RECD	-	
N4450	4+32.23N	16.2' RT	-	-	-	H	-	1000.18	-	-	-	-	-	-	-	-	-
N4451	4+30.50N	1.5' RT	-	-	-	H	-	999.44	-	-	-	-	-	-	-	-	-
N4452	4+08.00N	1.5' RT	-	-	-	H-5	-	999.40	-	-	-	-	-	-	-	-	-
N7700	24+45.00NR	5.5' RT	-	-	-	-	-	995.92	-	-	-	-	-	-	-	-	-
N7705	23+75.00NR	19.9' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N7708	24+05.00NR	2.6' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VR1021	891+80.00VR	6.0' RT	183.6	VR1030	2X2-FT	V	-	996.47	995.22	3.88	18	991.34	986.78	184	2.48%	STORM SEWER TAP RECD (1) (1 FOR UNDERDRAIN)	-
VR1042	891+80.00VR	14.0' RT	8.0	VR1042	2X2-FT	V	-	995.70	994.45	3.07	12	991.38	991.34	8	0.50%	VANE SLOTTED DRAIN RECD	+2
VR1050	891+65.00VR	13.5' RT	185.7	VR1056	2X2-FT	HM	4-FT	999.63	998.80	6.08	18	992.72	991.34	186	0.74%	FLAT TOP SLAB RECD	+2
VR1054	892+80.00VR	14.0' RT	7.5	VR1056	2X2-FT	V	-	1002.73	1001.48	3.05	12	998.43	998.03	8	5.00%	VANE SLOTTED DRAIN RECD	+2
VR1056	892+80.03VR	6.5' RT	115.6	VR1050	MEDIAN 2 INLET	MS	-	1003.01	1003.01	4.98	18	998.03	992.72	116	4.58%	2 MS GRATES RECD	-
VR1059	893+62.00VR	72.0' LT	-	-	-	-	-	1002.89	-	-	-	-	-	-	ADJUSTING INLET COVERS RECD; STORM SEWER TAP RECD (3) (3 FOR UNDERDRAIN)	-	
VR1060	894+80.00VR	14.0' RT	14.0	VR1061	2X2-FT	V	-	1008.84	1007.59	2.99	12	1004.60	1004.32	14	2.00%	VANE SLOTTED DRAIN RECD	+2
VR1061	894+80.00VR	0.0' RT	68.6	VR1062	2X2-FT	V	-	1008.46	1007.21	4.19	24	1003.02	1001.30	69	2.49%	VANE SLOTTED DRAIN RECD	-
VR1061	894+80.24VR	71.0' LT	71.0	VR1061	2X2-FT	V	-	1007.34	1006.09	2.72	12	1003.37	1003.02	71	0.49%	VANE SLOTTED DRAIN RECD	-
VR1062	894+14.14VR	1.0' RT	70.4	VR10603	-	-	-	1006.48	1005.23	3.93	24	1001.30	995.62	70	8.1%	-	-
VR10603	894+09.78VR	63.6' LT	-	-	-	-	-	-	-	-	-	995.62	-	-	CONCRETE COLLARS FOR PIPE RECD	-	
VR1066	896+00.00VR	4.3' LT	34.4	VR1066	2X2-FT	V	-	1011.61	1010.36	3.27	12	1006.09	1006.00	9	1.0%	VANE SLOTTED DRAIN RECD (2)	+2
VR1066	896+00.00VR	5.0' LT	120.1	VR1061	2X2-FT	V	-	1011.18	1009.93	3.93	24	1006.00	1003.02	120	2.48%	VANE SLOTTED DRAIN RECD	-
VR1067	896+00.24VR	71.0' LT	56.7	VR1066	2X2-FT	V	-	1010.95	1009.70	3.04	12	1006.66	1006.09	57	1.00%	VANE SLOTTED DRAIN RECD	+2
VR1068	896+20.00VR	14.0' RT	18.0	VR1061	2X2-FT	V	-	1012.57	1011.32	2.89	12	1008.43	1008.05	19	2.00%	VANE SLOTTED DRAIN RECD	-
VR1068	896+20.00VR	5.0' LT	20.0	VR1061	2X2-FT	V	-	1011.66	1010.41	3.91	24	1006.50	1006.00	20	2.50%	VANE SLOTTED DRAIN RECD	-
VR1069	896+22.01VR	71.0' RT	57.0	VR1068	2X2-FT	V	-	1013.04	1011.79	2.79	12	1009.00	1008.43	57	1.00%	VANE SLOTTED DRAIN RECD (2)	+2
VR1075	897+50.00VR	14.0' RT	19.0	VR1075	2X2-FT	V	-	1015.64	1014.39	3.80	12	1010.59	1010.40	19	1.00%	VANE SLOTTED DRAIN RECD	-
VR1075	897+50.00VR	13.0' LT	130.0	VR1081	MEDIAN 2 INLET	MS	-	1014.60	1014.60	4.20	24	1010.40	1006.50	130	3.00%	2 MS GRATES RECD	+2
VR1076	897+50.00VR	14.3' LT	9.4	VR1075	2X2-FT	V	-	1015.11	1013.86	3.41	12	1010.45	1010.40	9	0.56%	VANE SLOTTED DRAIN RECD	-
VR1077	897+50.24VR	71.0' LT	56.7	VR1076	2X2-FT	V	-	1014.89	1013.64	2.87	12	1010.77	1010.45	57	0.56%	VANE SLOTTED DRAIN RECD	+2
VR1080	899+00.00VR	14.0' RT	16.5	VR1081	2X2-FT	V	-	1018.72	1017.47	4.44	12	1013.33	1013.15	18	1.00%	VANE SLOTTED DRAIN RECD	-
VR1080	899+00.00VR	4.5' LT	150.0	VR1075	-	-	-	1017.74	1016.49	3.84	24	1012.65	1010.40	150	1.50%	VANE SLOTTED DRAIN RECD	-
VR1081	899+00.00VR	14.3' LT	9.8	VR1081	2X2-FT	V	-	1018.33	1017.08	3.83	12	1013.25	1013.15	10	1.00%	VANE SLOTTED DRAIN RECD	+2
VR1082	899+00.32VR	72.0' LT	57.7	VR1081	2X2-FT	V	-	1018.10	1016.85	3.02	12	1013.83	1013.25	58	1.00%	VANE SLOTTED DRAIN RECD (2)	-
VR1083	898+92.01VR	71.0' RT	57.6	VR1080	2X2-FT	V	-	1017.26	1017.26	2.77	12	1014.49	1013.33	58	2.00%	VANE SLOTTED DRAIN RECD (2)	-
VR1085	900+20.00VR	5.0' LT	120.0	VR1081	2X2-FT	V	-	1020.00	1018.75	3.80	18	1014.95	1013.15	120	1.50%	VANE SLOTTED DRAIN RECD	+2
VR1086	900+20.00VR	14.3' LT	9.4	VR1086	2X2-FT	V	-	1020.56	1019.31	3.77	12	1015.54	1015.45	9	1.00%	VANE SLOTTED DRAIN RECD	-
VR1087	900+20.25VR	76.0' LT	61.7	VR1086	2X2-FT	V	-	1020.24	1018.99	2.83	12	1016.16	1015.54	62	1.00%	VANE SLOTTED DRAIN RECD	+2
VR1090	901+25.00VR	14.0' RT	19.0	VR1091	2X2-FT	V	-	1022.44	1021.19	4.55	12	1016.64	1016.55	19	0.47%	VANE SLOTTED DRAIN RECD (2)	-
VR1091	901+25.00VR	5.0' LT	105.0	VR1085	2X2-FT	V	-	1022.00	1020.75	4.20	18	1016.55	1014.95	105	1.52%	VANE SLOTTED DRAIN RECD	-
VR1091	901+75.00VR	14.3' LT	50.3	VR1091	2X2-FT	V	-	1022.97	1021.72	3.66	12	1018.06	1017.05	51	1.98%	VANE SLOTTED DRAIN RECD (2)	+2
VR1092	901+77.46VR	81.2' LT	67.0	VR1091	2X2-FT	V	-	1022.58	1021.33	2.94	12	1018.39	1018.06	67	0.49%	VANE SLOTTED DRAIN RECD (2)	-

NOTE: 1. ALL CASTINGS TO BE CENTERED ON THE STRUCTURE UNLESS OTHERWISE NOTED (CIRCULAR CASTINGS MAY BE OFFSET). STEPS ARE NOT REQUIRED IN STORM SEWER STRUCTURES. 2. ALL MANHOLE AND INLET RECONSTRUCTS ARE ASSUMED TO HAVE 6" OF ADJ. RINGS PER "DETAIL FOR COMPUTING STRUCTURE ELEVATIONS".

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 ID 1206-08-77  
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 November 1, 2018



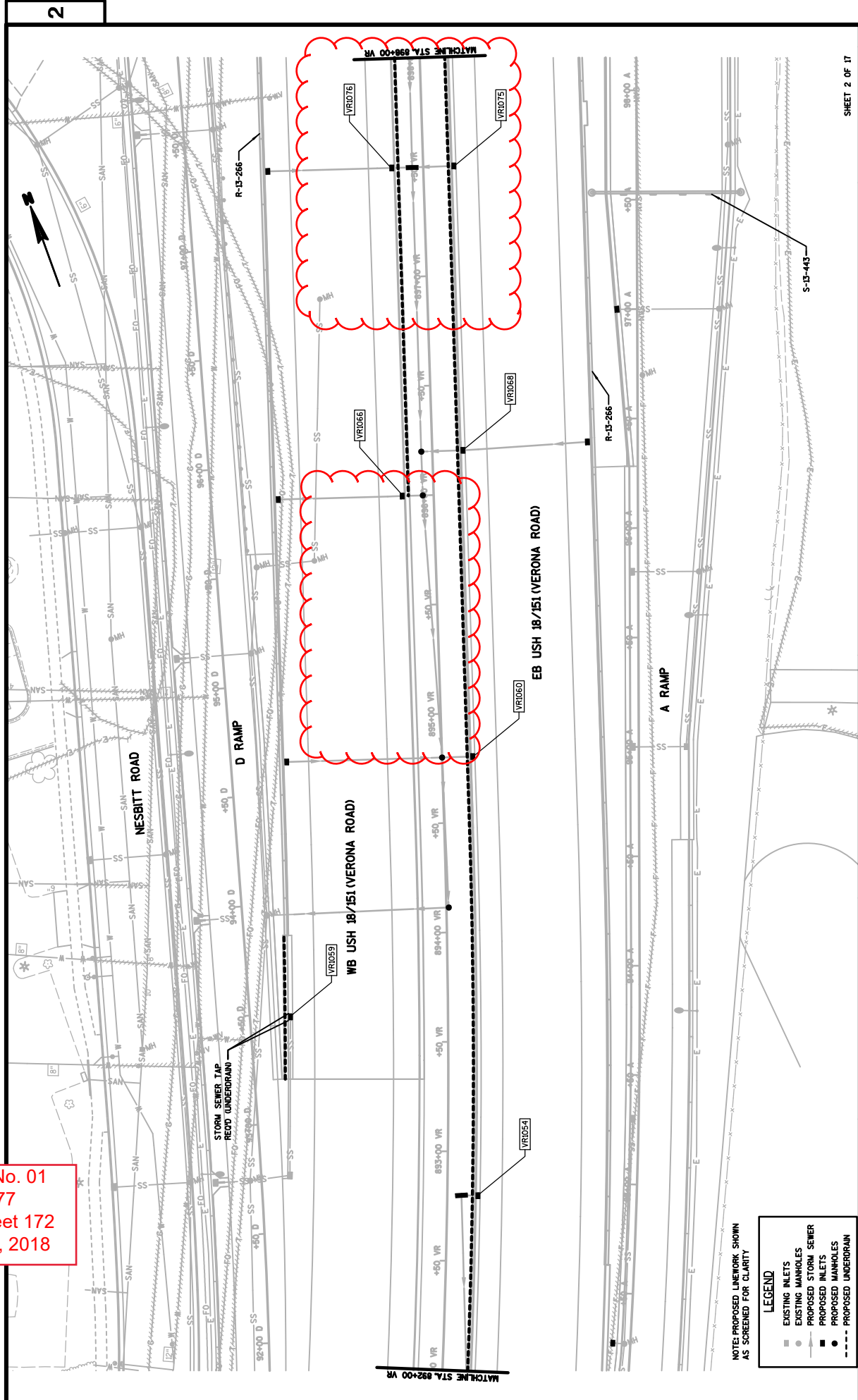
**LEGEND**

- EXISTING MANHOLES
- EXISTING INLETS
- PROPOSED STORM SEWER
- PROPOSED INLETS
- PROPOSED MANHOLES
- PROPOSED UNDERDRAIN

NOTE: PROPOSED LINENWORK SHOWN AS SCREENED FOR CLARITY



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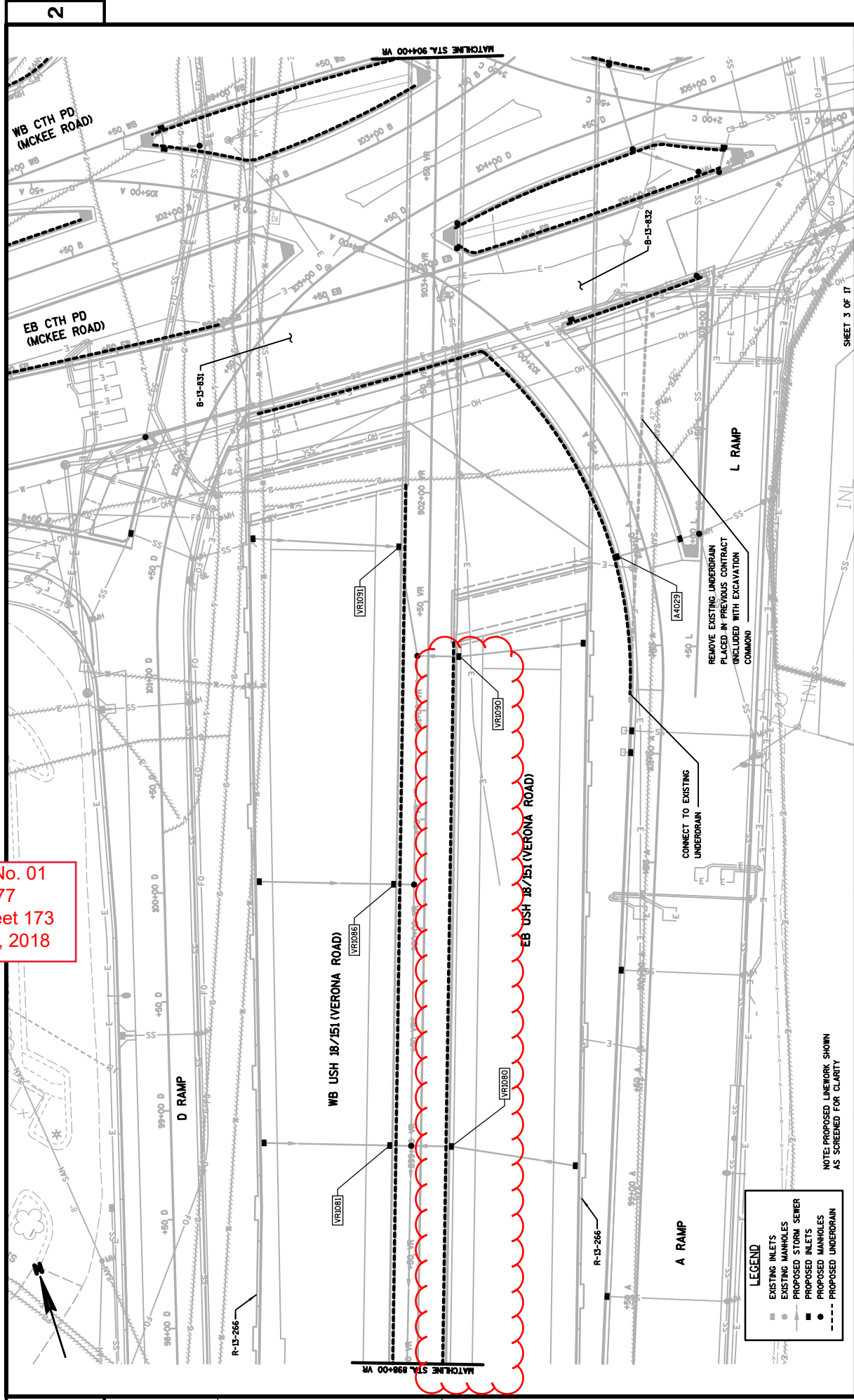
NOTE: PROPOSED LINENWORK SHOWN AS SCREENED FOR CLARITY

LEGEND	
—	EXISTING INLETS
—	EXISTING MANHOLES
—	PROPOSED STORM SEWER
—	PROPOSED INLETS
—	PROPOSED MANHOLES
—	PROPOSED UNDERDRAIN

2

2

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**LEGEND**

- EXISTING INLETS
- EXISTING MANHOLES
- PROPOSED STORM SEWER
- PROPOSED INLETS
- PROPOSED MANHOLES
- PROPOSED UNDERDRAIN

NOTE: PROPOSED LINEWORK SHOWN AS SCREENED FOR CLARITY

CONNECT TO EXISTING UNDERDRAIN

REMOVE EXISTING UNDERDRAIN PLACED IN PREVIOUS CONTRACT INCLUDED WITH EXCAVATION COMMON

GENERAL NOTES FOR TRAFFIC CONTROL

1. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
2. DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON CONTRACTORS METHODS OR SEQUENCES OF OPERATION.
3. THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.
4. EXISTING TRAFFIC SIGNS WHICH CONFLICT WITH TRAFFIC CONTROL SIGNS SHALL BE REMOVED OR COVERED AS NOTED AND AS APPROVED BY THE ENGINEER. COVER EXISTING SIGNS IN ACCORDANCE WITH STANDARD SPECS 6432.3.3 AND 6433.4.4.
5. PROPOSED TRAFFIC SIGNS ARE ANTICIPATED TO BE INSTALLED DURING VARIOUS STAGES OF CONSTRUCTION AS SIGN MESSAGES BECOME APPLICABLE.
6. EXISTING TRAFFIC SIGNS MAY REQUIRE RELOCATION DURING STAGES OF CONSTRUCTION AND SHALL BE LOCATED AS REQUIRED BY THE ENGINEER IN THE FIELD.
7. CONSIDER GEOMETRICS WHEN LOCATING SIGNS, ARROW BOARDS AND SIGN MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS, SIGN MESSAGE BOARDS, AND LANE CLOSURE DRUMS FOR A MINIMUM OF 500 FEET IN FRONT OF THE DRUMS.
8. FOR ANY LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTIGUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM MOUNTING HEIGHT OF 5 FEET.
9. THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
10. PAVEMENT MARKING CONFLICTING WITH STAGED TRAFFIC PATTERNS SHALL BE REMOVED. MARKINGS REMOVED ON PERMANENT PAVEMENTS OR EXISTING PAVEMENT TO REMAIN SHALL BE REMOVED USING MARKING REMOVAL WATER BLASTING ITEMS.
11. A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE WORK AREAS IF WARRANTED BY CONDITIONS OR AS DIRECTED BY THE ENGINEER. HOWEVER, CONTRACTOR SHALL NOT USE FLAG PERSONS TO DIRECT, STOP OR CONTROL TRAFFIC ON CTH PD (MCKEE ROAD) OR USH 38/STIVERONA ROAD AT ANY TIME.
12. ROAD MACHINERY, TRUCK ENTRANCE, FLAGMEN AHEAD, ETC., SIGNS SHALL BE USED AS NOTED AND SHALL BE REMOVED OR COVERED WHEN THE ACTIVITY OR CONDITION DOES NOT EXIST. NO WARNING LIGHT SHALL BE USED WITH A COVERED SIGN.
13. LOCAL ACCESS SHALL BE MAINTAINED AT ALL TIMES.
14. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
15. "W" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
16. DETAILS OF TRAFFIC CONTROL NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
17. FOR NIGHTTIME OPERATION ALL DRUMS IN TAPERS AND SHIFTS SHALL HAVE A TYPE C WARNING LIGHT.
18. ALL TYPE III BARRICADES SHALL BE 8" WIDE, UNLESS OTHERWISE NOTED, AND EQUIPPED WITH TWO TYPE "A" LOW INTENSITY FLASHING LIGHTS. TYPE III BARRICADES SHOWN GRAPHICALLY ONLY. PLACE TYPE III BARRICADES IN ACCORDANCE WITH SECTION 6 OF THE MUTCD.

LEGEND: TEMPORARY PAVEMENT MARKING (ALL STAGES)

- |           |   |
|-----------|---|
| (RT-4W)   | TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)            |
| (RT-4Y)   | TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)           |
| (RT-8W)   | TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)            |
| (RT-8CW)  | TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE, CROSSWALK) |
| (RT-SL-B) | TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH              |
| (RT-A)    | TEMPORARY MARKING ARROW REMOVABLE TAPE                          |
| (4W)      | TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)                     |
| (4Y)      | TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)                    |
| (4DY)     | TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)             |
| (8W)      | TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)                     |
| (SL-18)   | TEMPORARY MARKING STOP LINE PAINT 18-INCH                       |
| (AP)      | TEMPORARY MARKING ARROW PAINT                                   |
| (AE)      | TEMPORARY MARKING ARROW EPOXY                                   |
| (4W-E)    | MARKING LINE EPOXY 4-INCH (WHITE)                               |
| (4Y-E)    | MARKING LINE EPOXY 4-INCH (YELLOW)                              |
| (8W-E)    | MARKING LINE EPOXY 8-INCH (WHITE)                               |
| (6CW-E)   | MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH                  |
| (6CW)     | MARKING CROSSWALK PAINT TRANSVERSE LINE 6-INCH                  |
| (SL-18-E) | MARKING STOP LINE EPOXY 18-INCH                                 |
| (D-12Y)   | MARKING DIAGONAL EPOXY 12-INCH (YELLOW)                         |
| (RT-M)    | TEMPORARY MARKING WORD REMOVABLE TAPE                           |

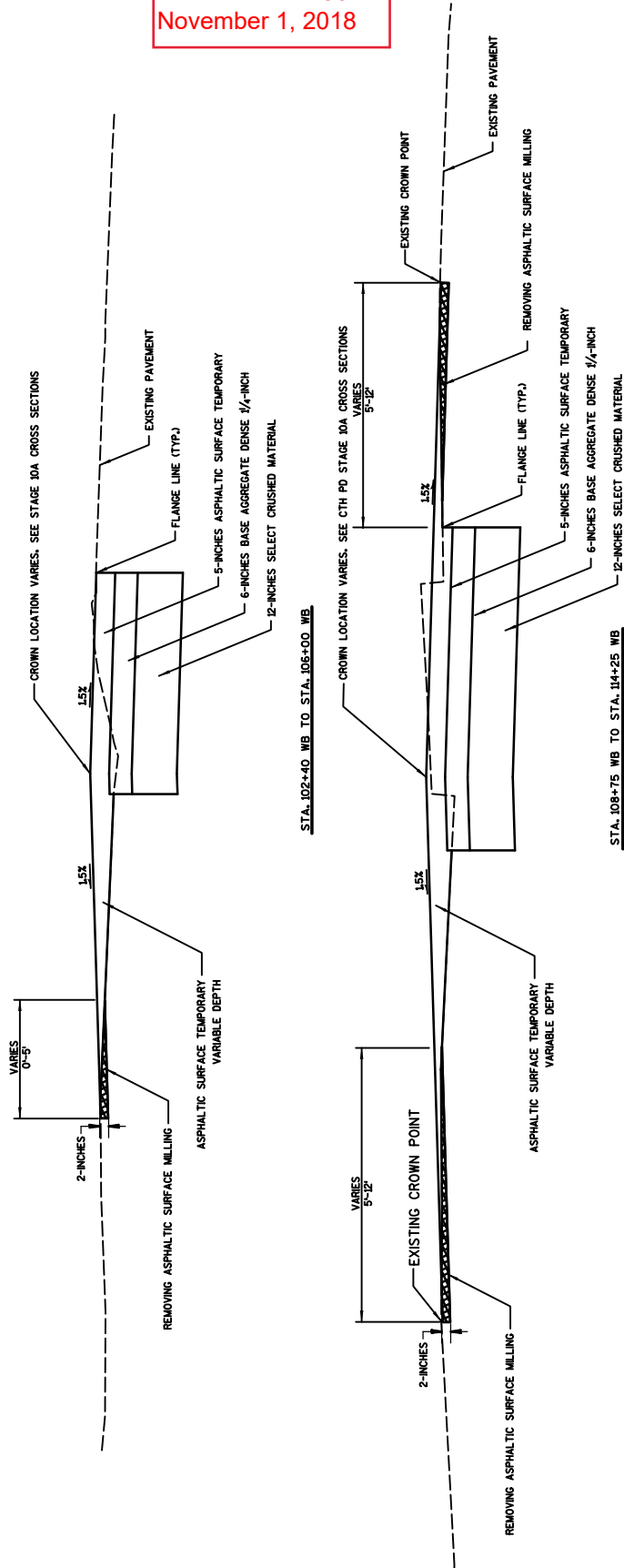
LEGEND: SYMBOLS, ALL STAGES

- |     |   |
|-----|---|
| ↓   | TRAFFIC CONTROL BARRICADES TYPE III   |
| ↑   | TRAFFIC CONTROL BARRICADES TYPE III W/TRAFFIC CONTROL SIGN  |
| ●   | TRAFFIC CONTROL DRUMS   |
| ○   | TRAFFIC CONTROL DRUMS W/TRAFFIC CONTROL WARNING LIGHTS TYPE C   |
| ⊛   | TRAFFIC CONTROL ARROW BOARDS  |
| ⊞   | TRAFFIC CONTROL SIGNS ON PERMANENT SUPPORT  |
| ⊟   | TRAFFIC CONTROL SIGNS ON TEMPORARY SUPPORT  |
| ⊠   | TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE   |
| ▨   | CONCRETE BARRIER (SEE PLAN SHEETS FOR PAY ITEMS)  |
| □   | WORK AREA   |
| ➔   | DIRECTION OF TRAFFIC  |
| 👤   | TRAFFIC CONTROL SIGNS PORTABLE CHANGABLE MESSAGE SIGN   |
| 👤   | FLAGGING OPERATION  |
| --- | TEMPORARY PEDESTRIAN SAFETY FENCE   |
| XXX | FENCE SAFETY  |
| XXX | SAWING ASPHALT  |
|     | SAWING CONCRETE   |
| ▨   | ASPHALTIC SURFACE TEMPORARY OR TEMPORARY PEDESTRIAN SURFACE ASPHALT FROM PREVIOUS STAGE   |
| ▨   | ASPHALTIC SURFACE TEMPORARY OR TEMPORARY PEDESTRIAN SURFACE ASPHALT FROM PREVIOUS STAGE   |
| ▨   | ASPHALTIC SURFACE TEMPORARY WEDGE AND ASPHALTIC SURFACE TEMPORARY WEDGE AND ASPHALTIC SURFACE TEMPORARY WEDGE AND ASPHALTIC SURFACE TEMPORARY WEDGE AND TRAFFIC CONTROL (PLANS) |
| ▨   | BASE AGGREGATE DENSE 1/2-INCH   |
|     | REMOVING PAVEMENT MARKINGS  |
| ▨   | CURB RAMP DETECTABLE WARNING FIELD TEMPORARY  |
| CC  | CRASH CUSHIONS TEMPORARY  |

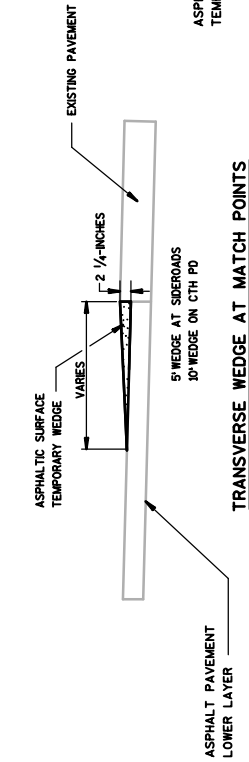
15. ANCHOR CONCRETE BARRIER TEMPORARY PRECAST PER SDD "CONCRETE BARRIER TEMPORARY PRECAST", ANCHORING THE CONCRETE BARRIER TEMPORARY PRECAST IS INCLUDED IN THE ITEM CONCRETE BARRIER TEMPORARY PRECAST INSTALLED ITEM WHEN LOCATED OUTSIDE THE LIMITS OF A BRIDGE DECK. ANCHOR THE CONCRETE BARRIER TEMPORARY PRECAST AT LOCATIONS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
20. CONCRETE BARRIER TEMPORARY PRECAST LOCATIONS IN TRAFFIC CONTROL PLANS ARE SHOWN AS NOTED. CONTRACTOR SHALL PROVIDE 2' CLEAR TO THE TOE OF THE BARRIER UNLESS SHOWN OTHERWISE IN THE PLANS.
21. TEMPORARY SHORING LOCATIONS AND LENGTHS SHOWN ON THE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR TO VERIFY LOCATION AND SIZE OF SHORING.
22. PROTECTION OF THE EXCAVATIONS IS THE CONTRACTORS RESPONSIBILITY AND IS INCLUDED WITH THE OPERATION FOR WHICH IT IS REQUIRED.
23. CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CLEAR ZONE OR WITHIN 10' OF BACK OF SIDEWALK WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST.

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ID 1206-08-77  
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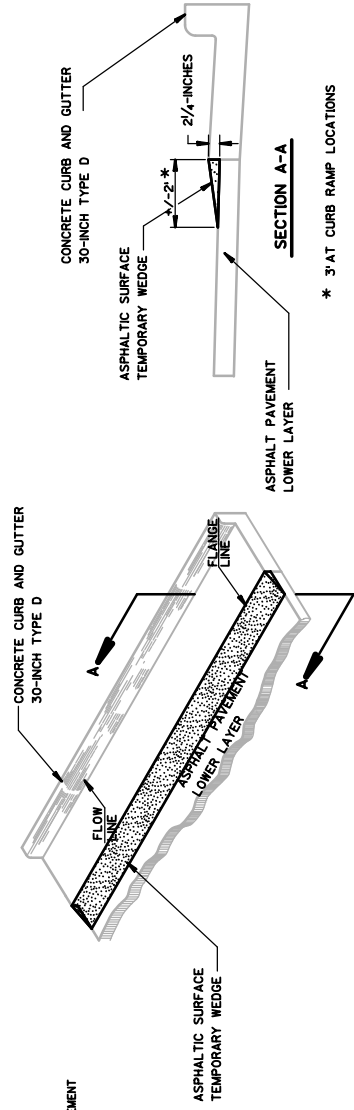


**ASPHALTIC SURFACE TEMPORARY - CTH PD STAGE 10A**



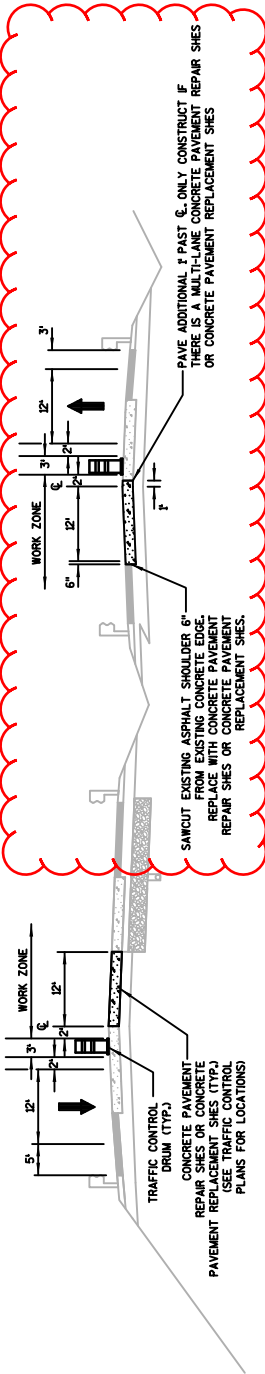
**TRANSVERSE WEDGE AT MATCH POINTS**

NOTE: ASPHALTIC SURFACE TEMPORARY WEDGE TO BE PAID AS ASPHALTIC SURFACE TEMPORARY. ASPHALTIC SURFACE TEMPORARY WEDGE TO BE REMOVED BY REMOVING ASPHALTIC SURFACE MILLING PRIOR TO PLACING SURFACE LAYER. SEE TRAFFIC CONTROL PLANS FOR LOCATIONS.



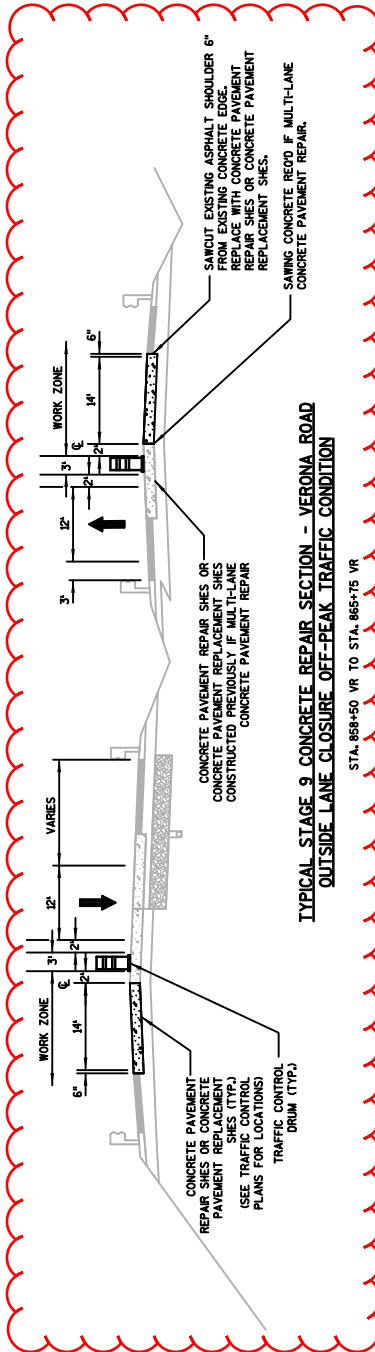
**LONGITUDINAL WEDGE AT CURBS**

**ASPHALTIC SURFACE TEMPORARY WEDGE DETAIL**



**TYPICAL STAGE 9 CONCRETE REPAIR SECTION - VERONA ROAD**  
**INSIDE LANE CLOSURE OFF-PEAK TRAFFIC CONDITION**

STA. 868+50 VR TO STA. 865+75 VR



**TYPICAL STAGE 9 CONCRETE REPAIR SECTION - VERONA ROAD**  
**OUTSIDE LANE CLOSURE OFF-PEAK TRAFFIC CONDITION**

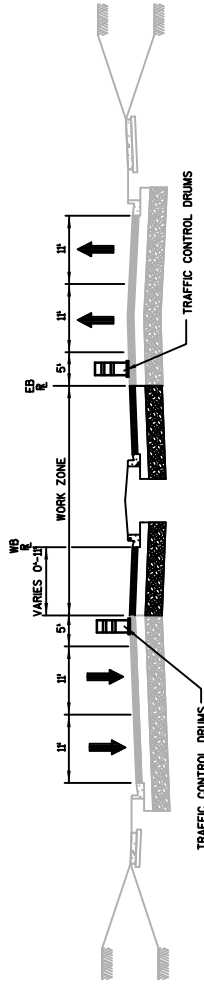
STA. 868+50 VR TO STA. 865+75 VR

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NOTES: CONSTRUCT LOWER LAYER OF HMA PAVEMENT IN STAGES  
 CTH PD (MCKEE RD) STG. 100 PH. 1-4, CONSTRUCT UPPER LAYER  
 OF HMA PAVEMENT AT THE END OF CTH PD (MCKEE RD)  
 STG. 100 PH. 4.

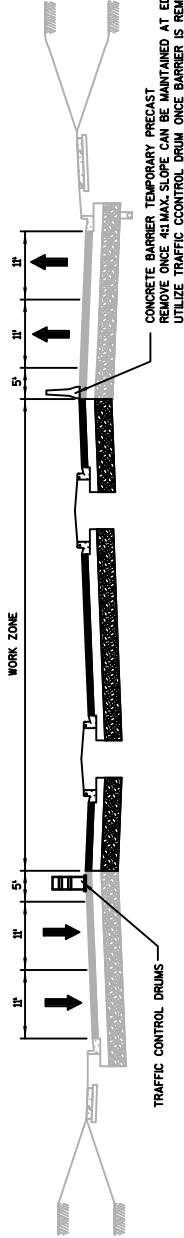
DELICATE LANE EDGES WITH TEMPORARY MARKING LINE REMOVABLE  
 TAPE 4-INCH DURING CONSTRUCTION OF THE UPPER LAYER OF  
 HMA PAVEMENT, USING 4" SEG. AND 46" GAPS (SEE SOD LONGITUDINAL  
 MARKING (MAINLINE) FOR ADDITIONAL INFORMATION).

SEE NOTCHED WEDGE LONGITUDINAL JOINT DETAILS FOR ADDITIONAL  
 INFORMATION ON HMA NOTCHED WEDGE THAT IS REQUIRED WHEN  
 ADJACENT LANES ARE UNOPEN ON CTH PD (MCKEE ROAD) DURING  
 CONSTRUCTION OF THE HMA UPPER LAYER.



**TYPICAL STAGE 100 SECTION - CTH PD (MCKEE ROAD)**

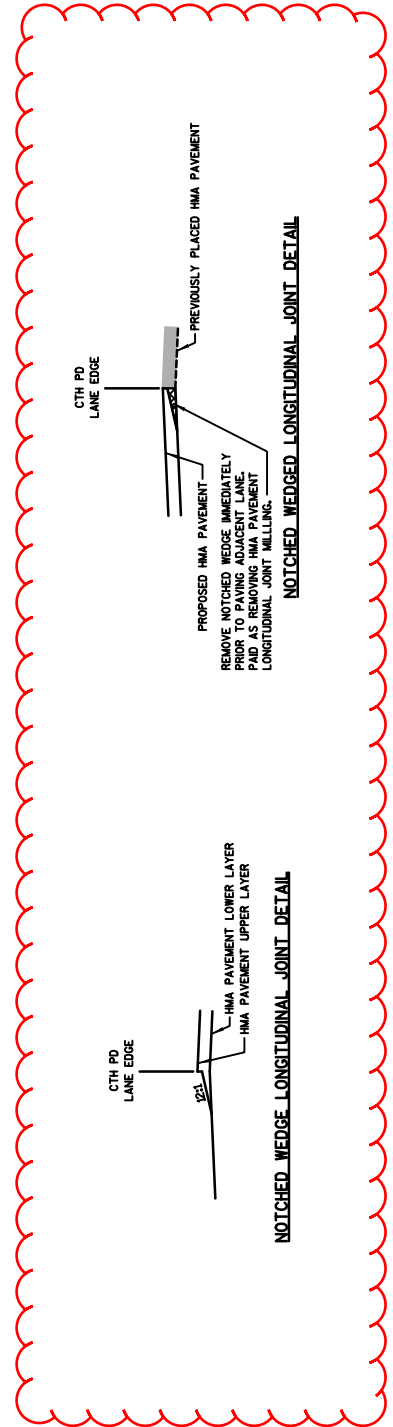
STA. 80+20 WB TO STA. 104+50 WB  
 STA. 106+50 WB TO STA. 144+50 WB



**TYPICAL STAGE 100 SECTION - CTH PD (MCKEE ROAD)**

STA. 104+50 WB TO STA. 106+50 WB

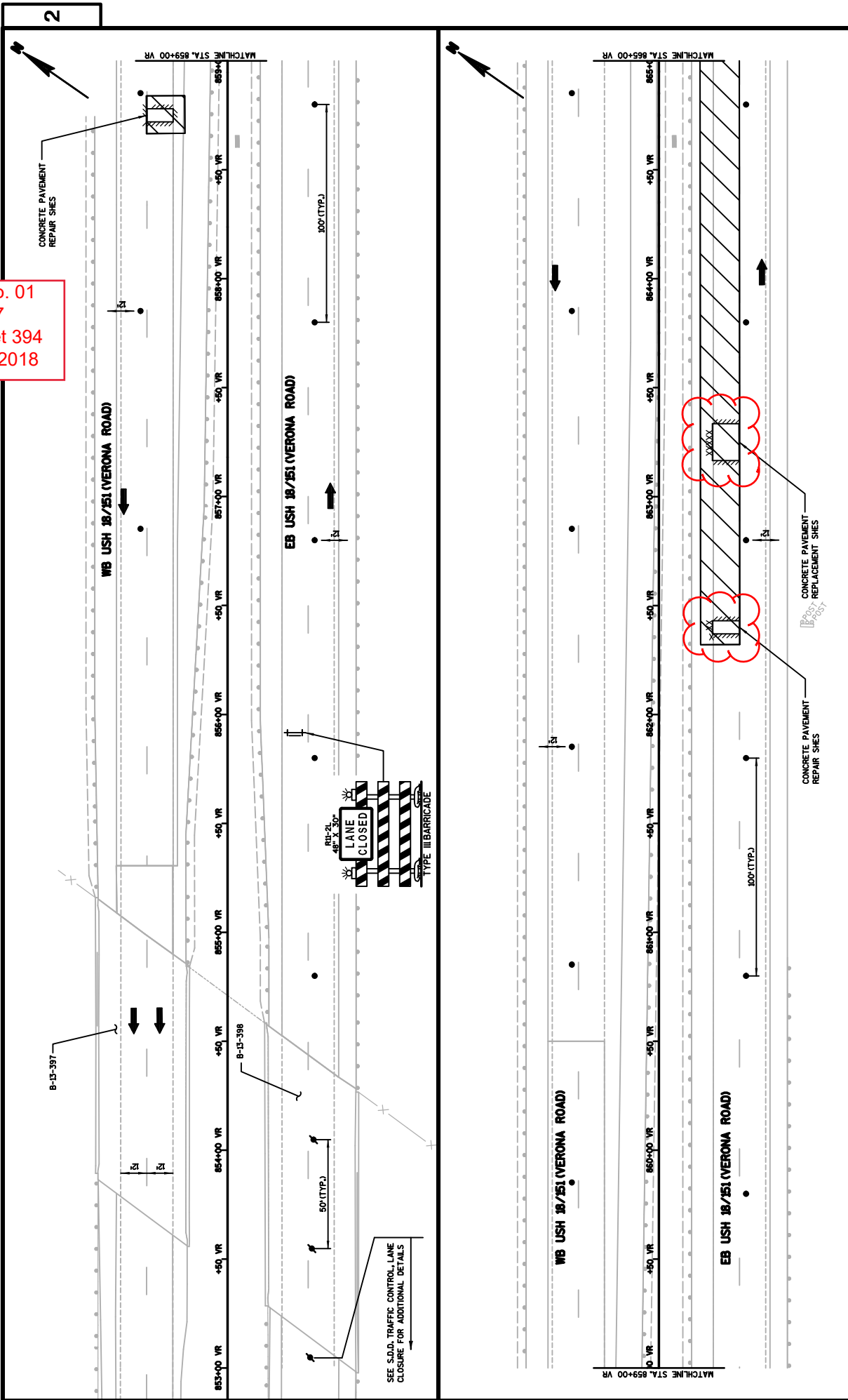
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 377  
 November 1, 2018



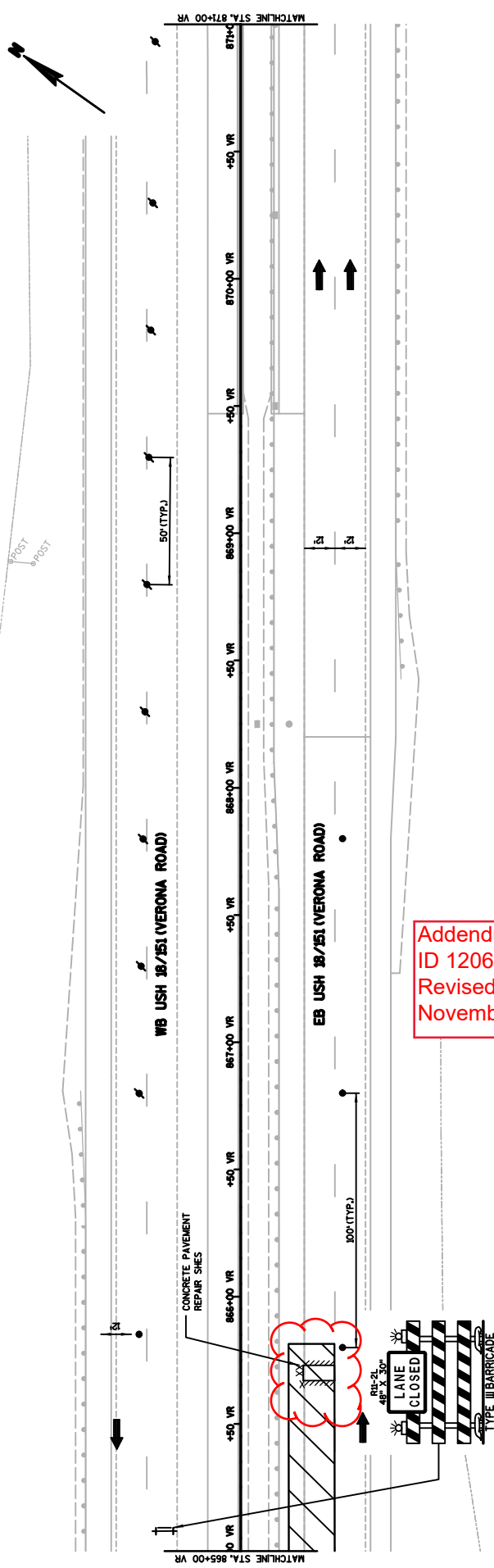
**NOTCHED WEDGE LONGITUDINAL JOINT DETAIL**

**NOTCHED WEDGE LONGITUDINAL JOINT DETAIL**

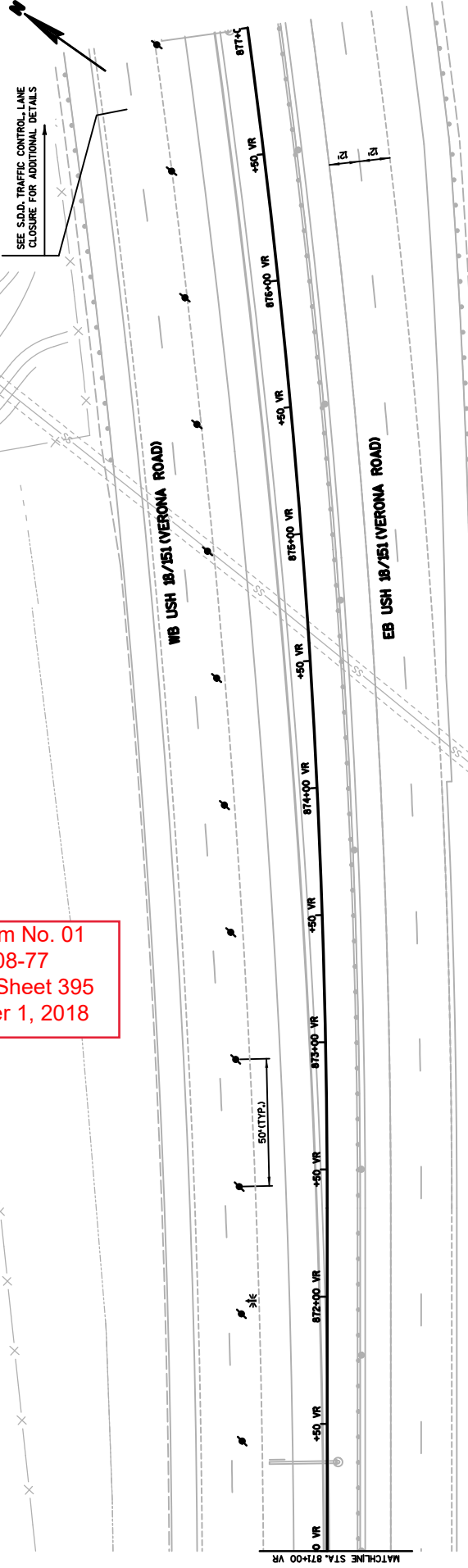
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 394  
 November 1, 2018



PROJECT NO: 1206-08-77	HWY: USH 18	COUNTY: DANE	TRAFFIC CONTROL - VERONA RD STG. 9 CONCRETE REPAIRS	SHEET 394
FILE NAME : S:\MWD\1000--1099\1089\329\Micros\PLAN\0877A\Stag1.rtg 026321.VR.es-dgn				
PLOT DATE : 10/22/2018				
PLOT BY : _username_				
PLOT SCALE : ##.....plot scale.....** WISDOT/CADD SHEET 42				

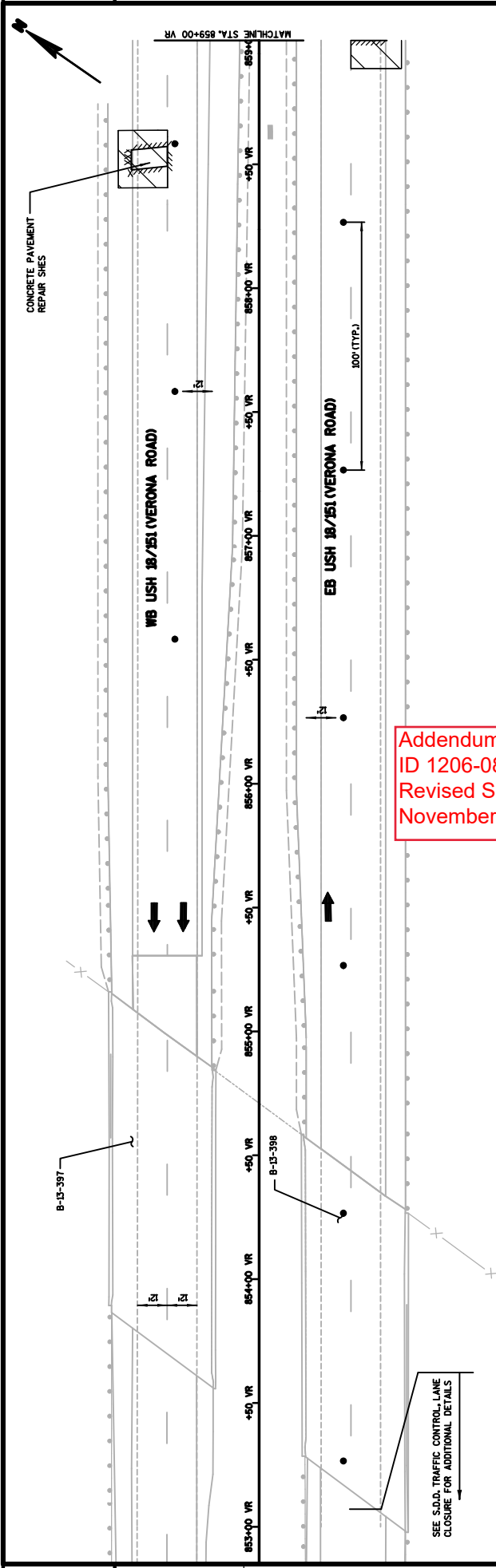


Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 395  
 November 1, 2018

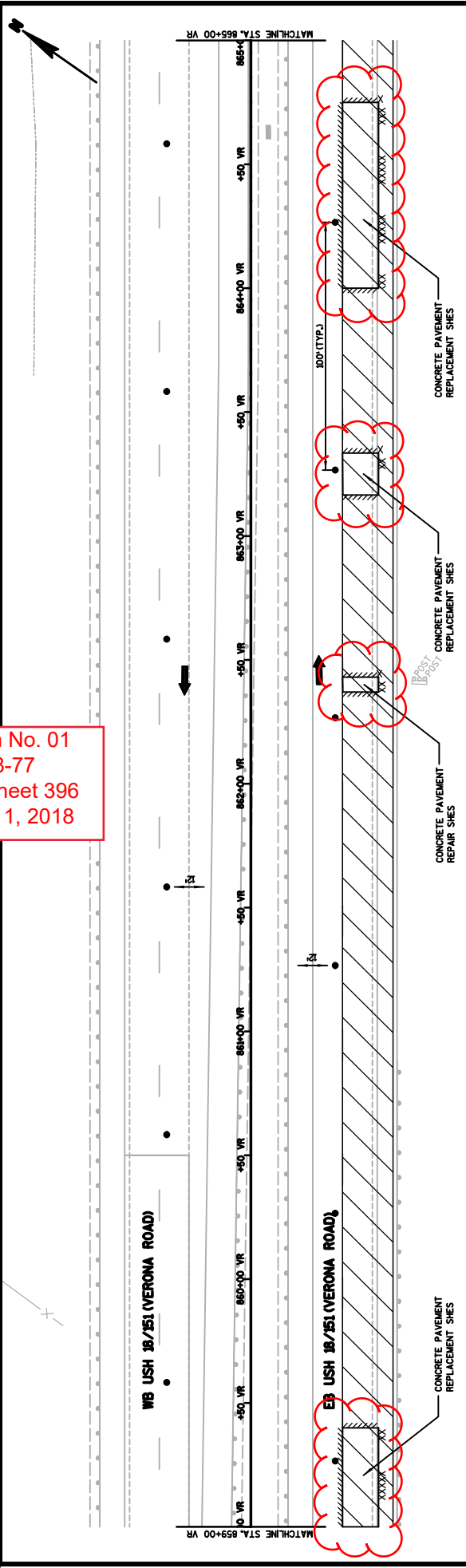


SEE S.D.D. TRAFFIC CONTROL LANE CLOSURE FOR ADDITIONAL DETAILS

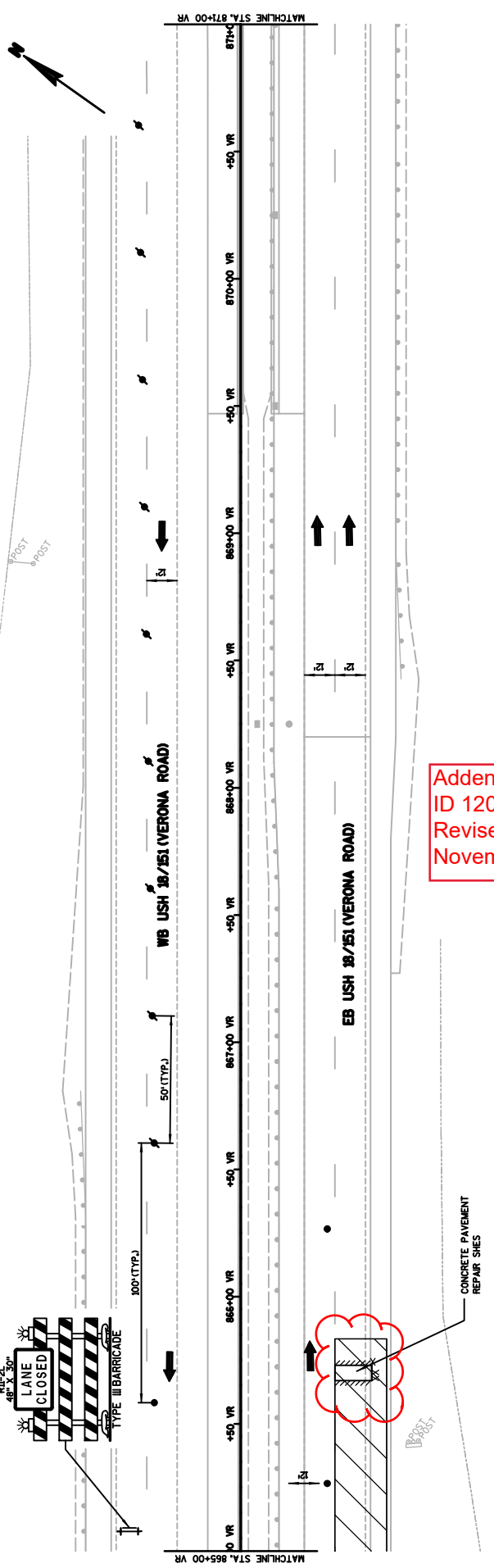




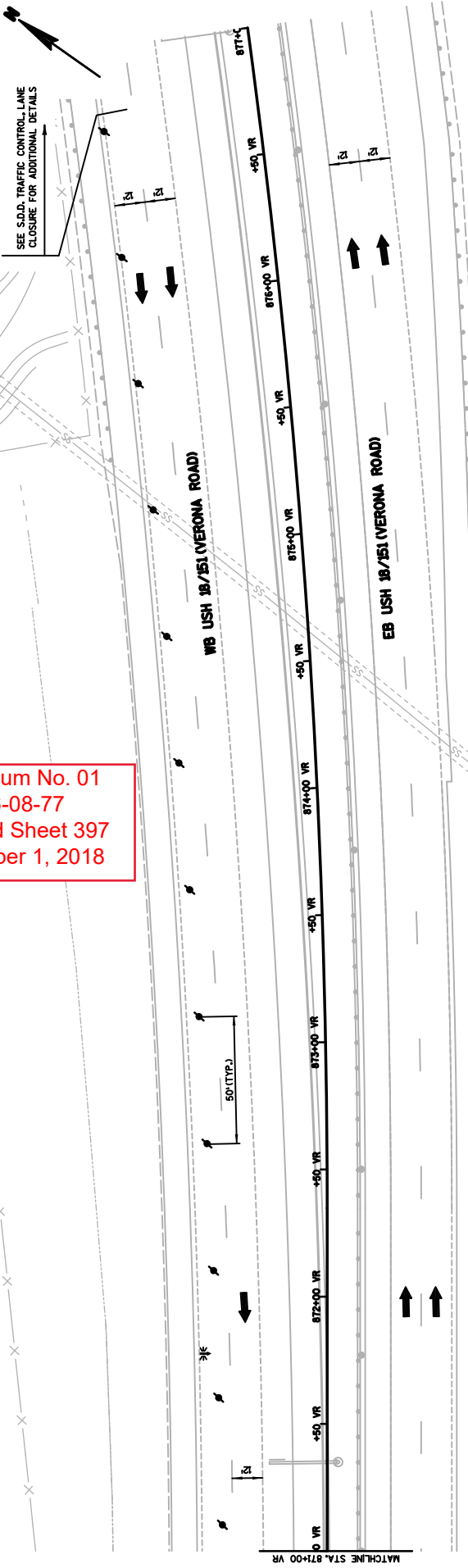
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 396  
 November 1, 2018

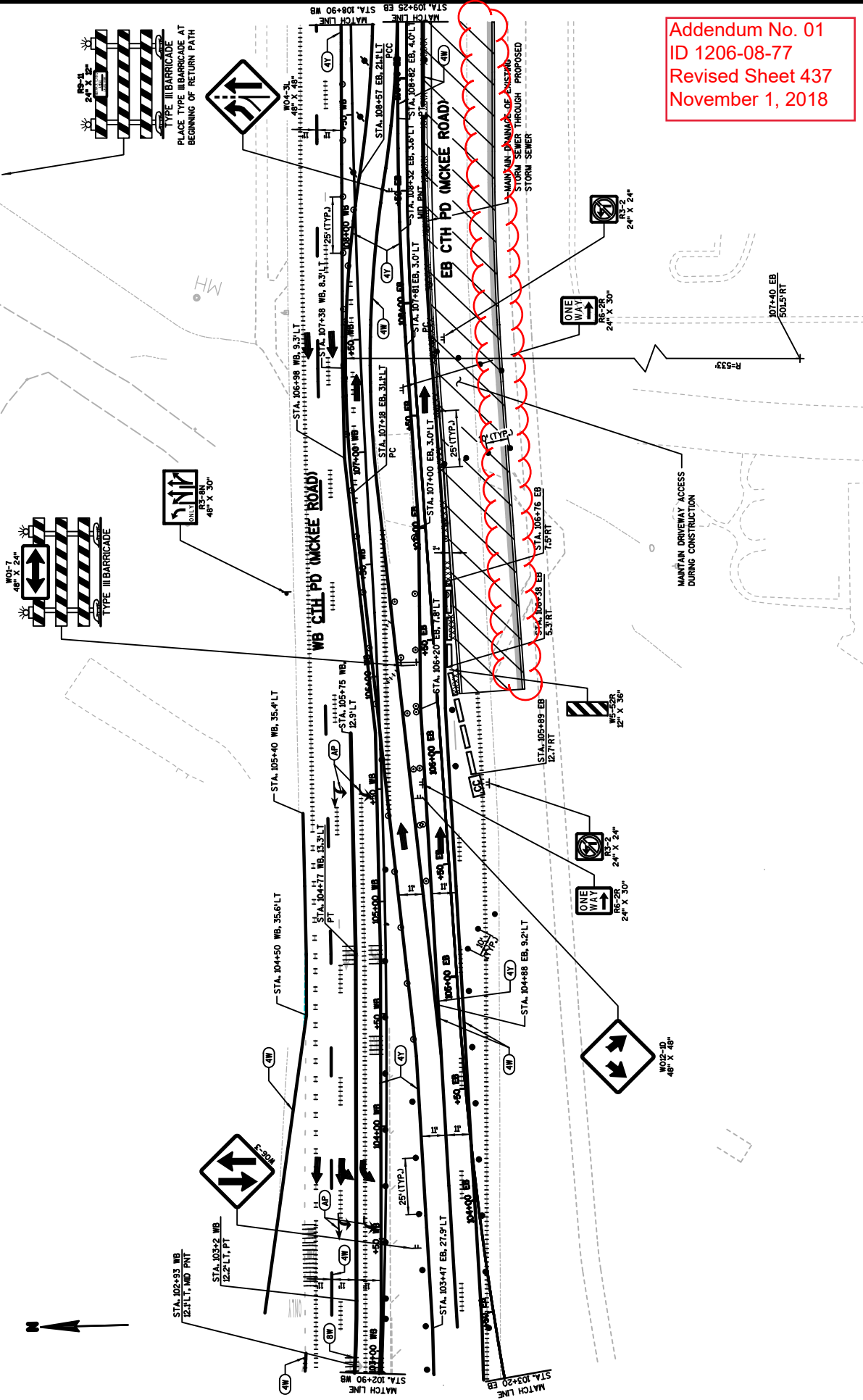


PROJECT NO: 1206-08-77	COUNTY: DANE	TRAFFIC CONTROL - VERONA RD STG. 9 CONCRETE REPAIRS	SHEET 396
HWY: USH 18	PLOT NAME : ..username..		
FILE NAME : S:\MWD\1000--1099\1089\329\Micros\PLAN\0877A\Stg1.rtg\026323_VR.es-dgn	PLOT DATE : 10/22/2018		
PLOT SCALE : ##.....plotescale.....**			WISDOT/CADD SHEET 42

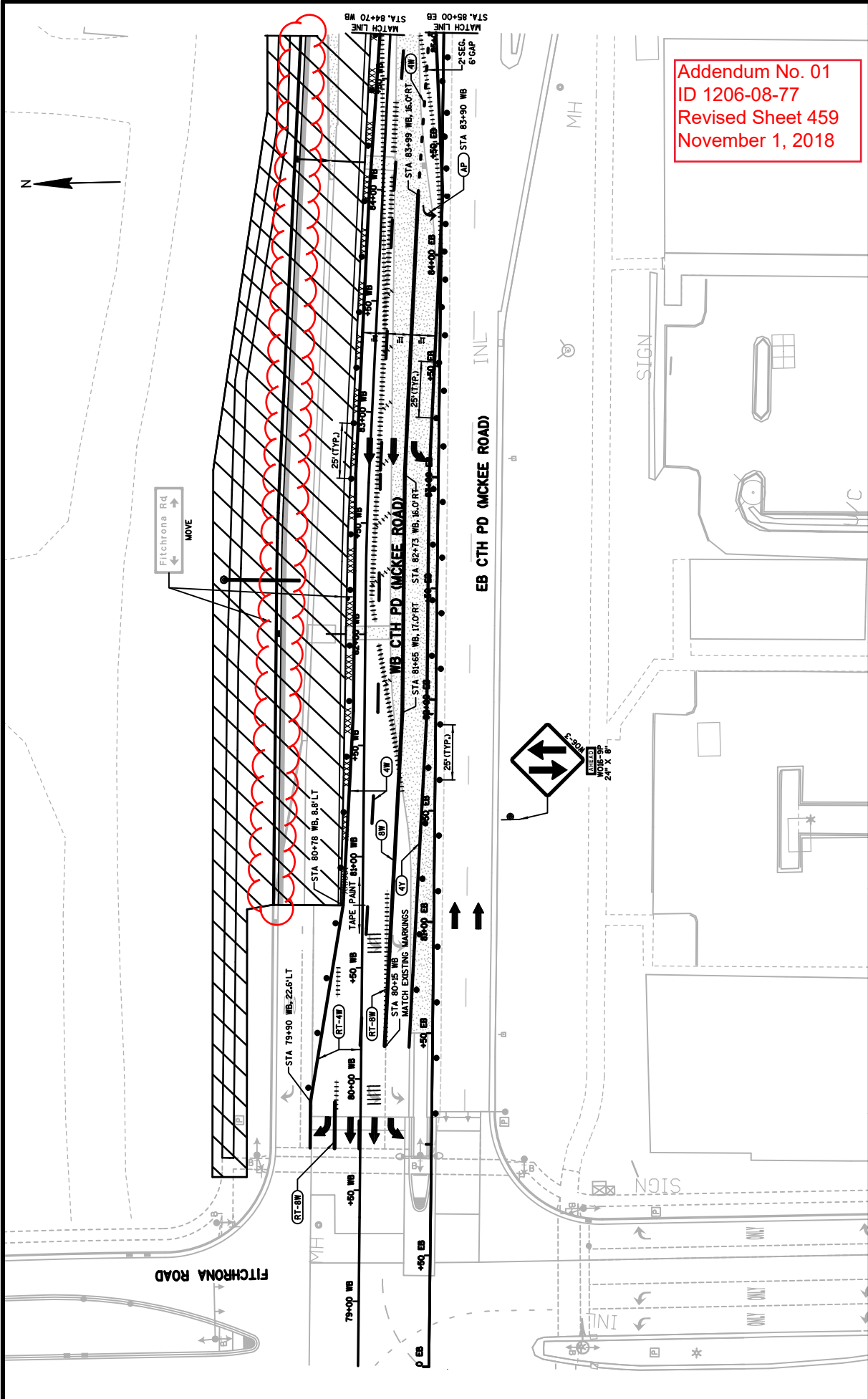


Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 397  
 November 1, 2018



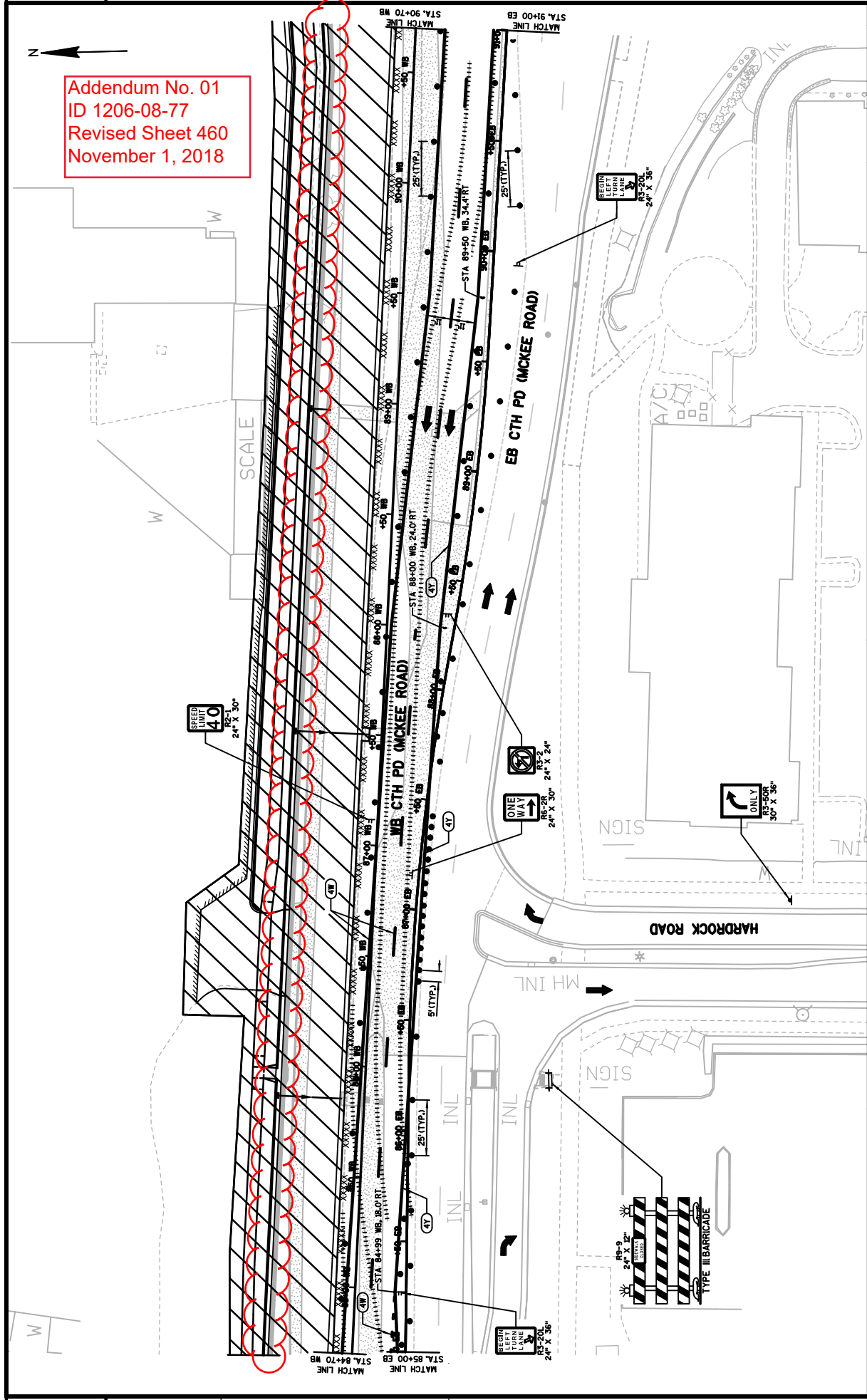


Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 437  
 November 1, 2018

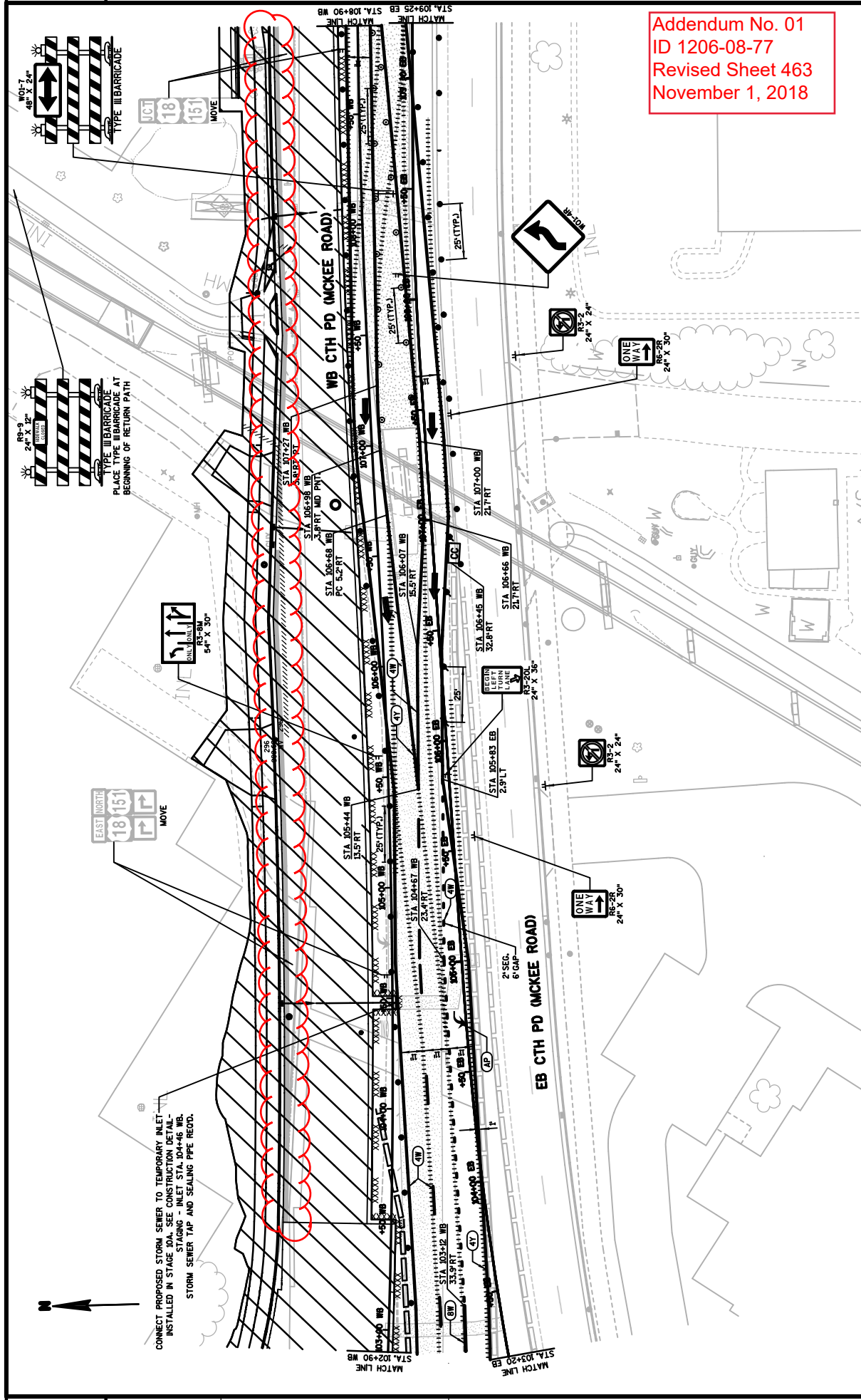


Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 459  
 November 1, 2018

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 460  
 November 1, 2018







Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 463  
 November 1, 2018

CONNECT PROPOSED STORM SEWER TO TEMPORARY INLET  
 INSTALLED IN STAGE 10A. SEE CONSTRUCTION DETAIL-  
 STAGING - INLET STA. 104+46 WB.  
 STORM SEWER TAP AND SEALING PIPE RECD.

RS-9  
 24" X 24"  
 TYPE III BARRICADE  
 PLACE TYPE III BARRICADE AT  
 BEGINNING OF RETURN PATH

RS-10  
 48" X 24"  
 TYPE III BARRICADE

EAST NORTH  
 18/151  
 MOVE

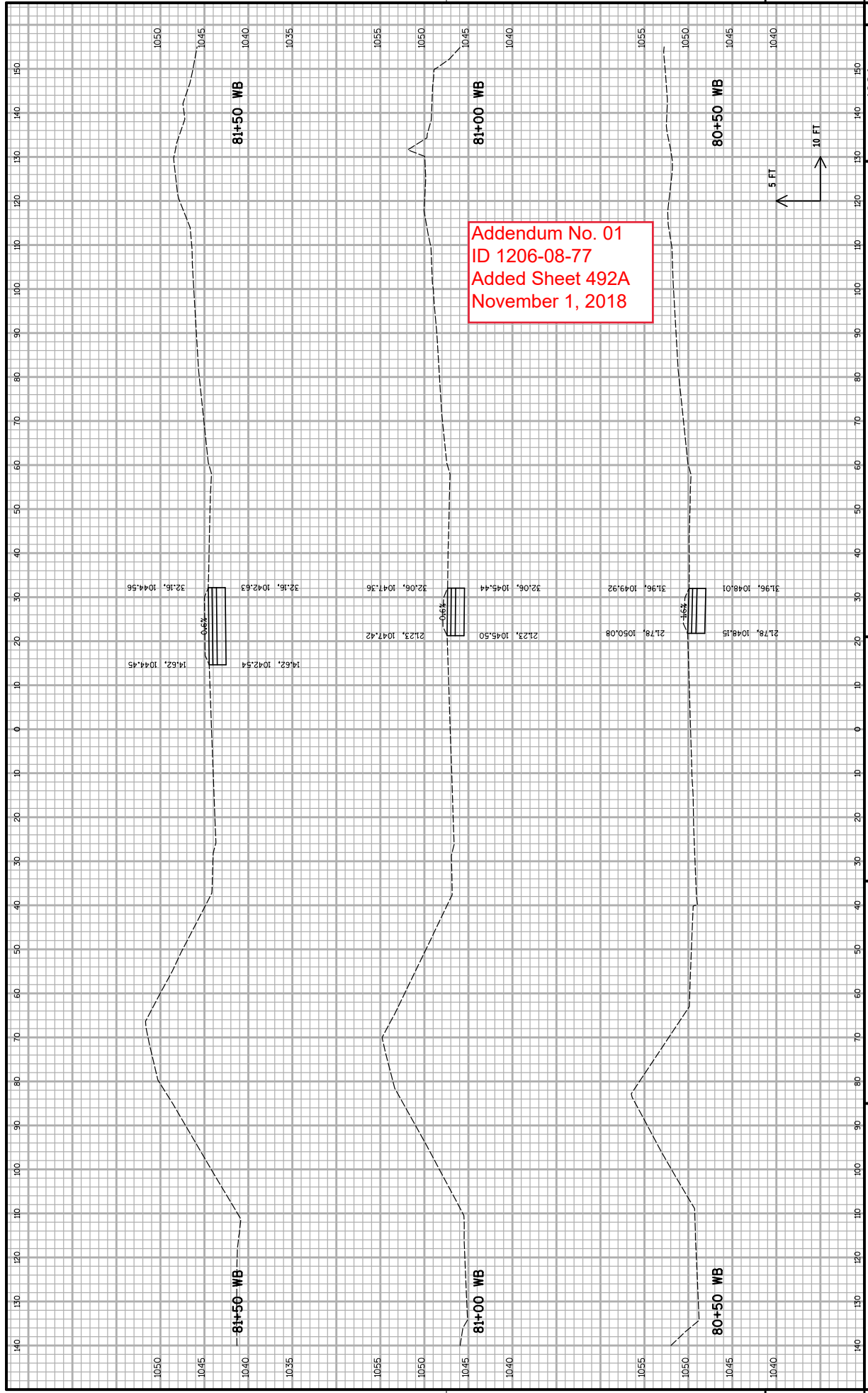
ONE WAY  
 54" X 30"

ONE WAY  
 RS-2R  
 24" X 30"

ONE WAY  
 RS-2R  
 24" X 30"

ONE WAY  
 RS-2R  
 24" X 30"

ONE WAY  
 RS-10A

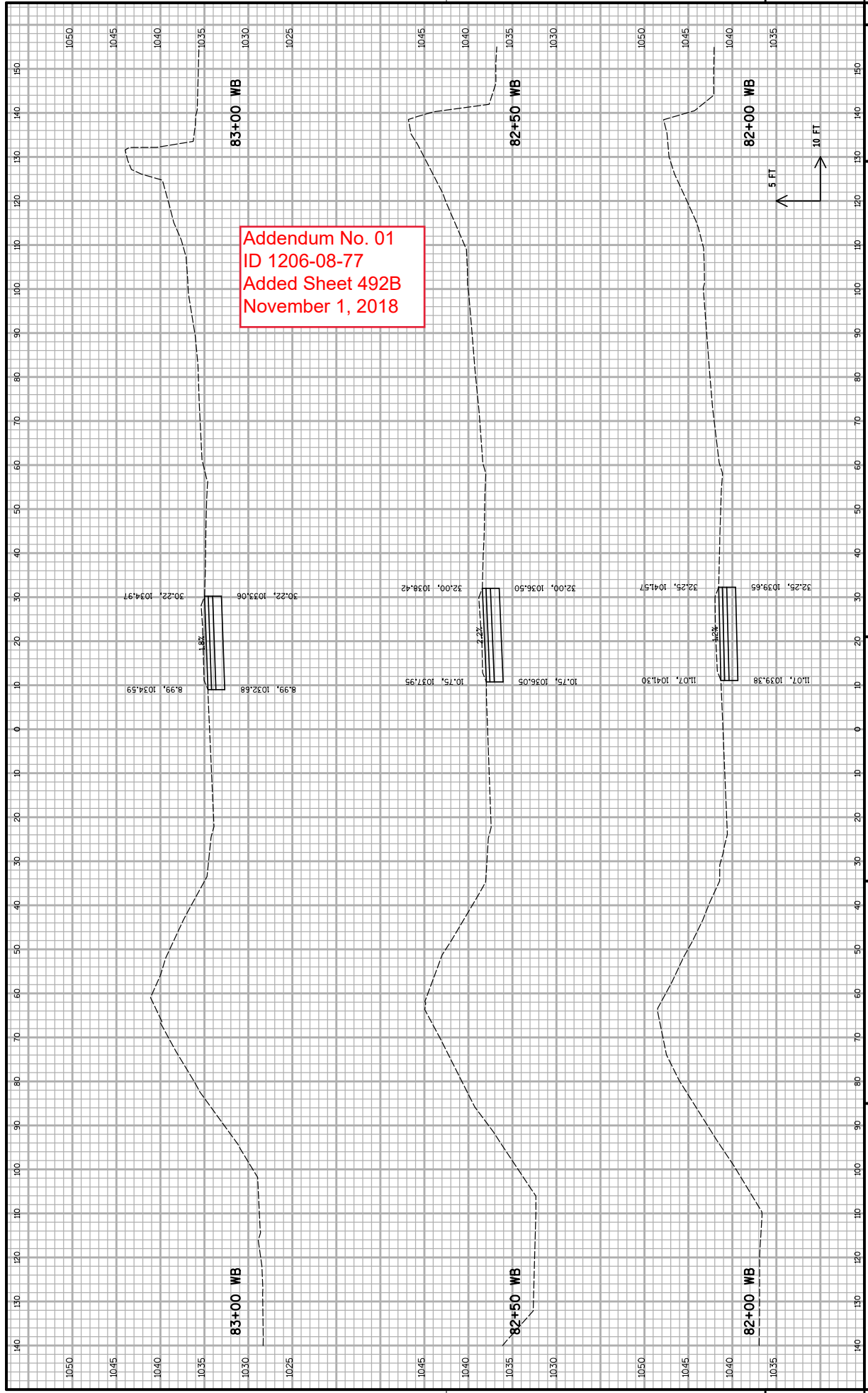


**PROJECT NO: 1206-08-77**  
**HWY: USH 18**  
**COUNTY: DANE**  
**CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A**  
**SHEET 492A**  
**E**

FILE NAME : S:\MMD\1000--1099\1089\329\Micros\PLAN\0877\Shop\rg\090201\_L\_xs.pd10A.dgn  
 PLOT DATE : 9/18/2018  
 PLOT BY : \_username\_

PLOT SCALE : \*\*.....plot scale.....\*\* WISDOT/CADD SHEET 21





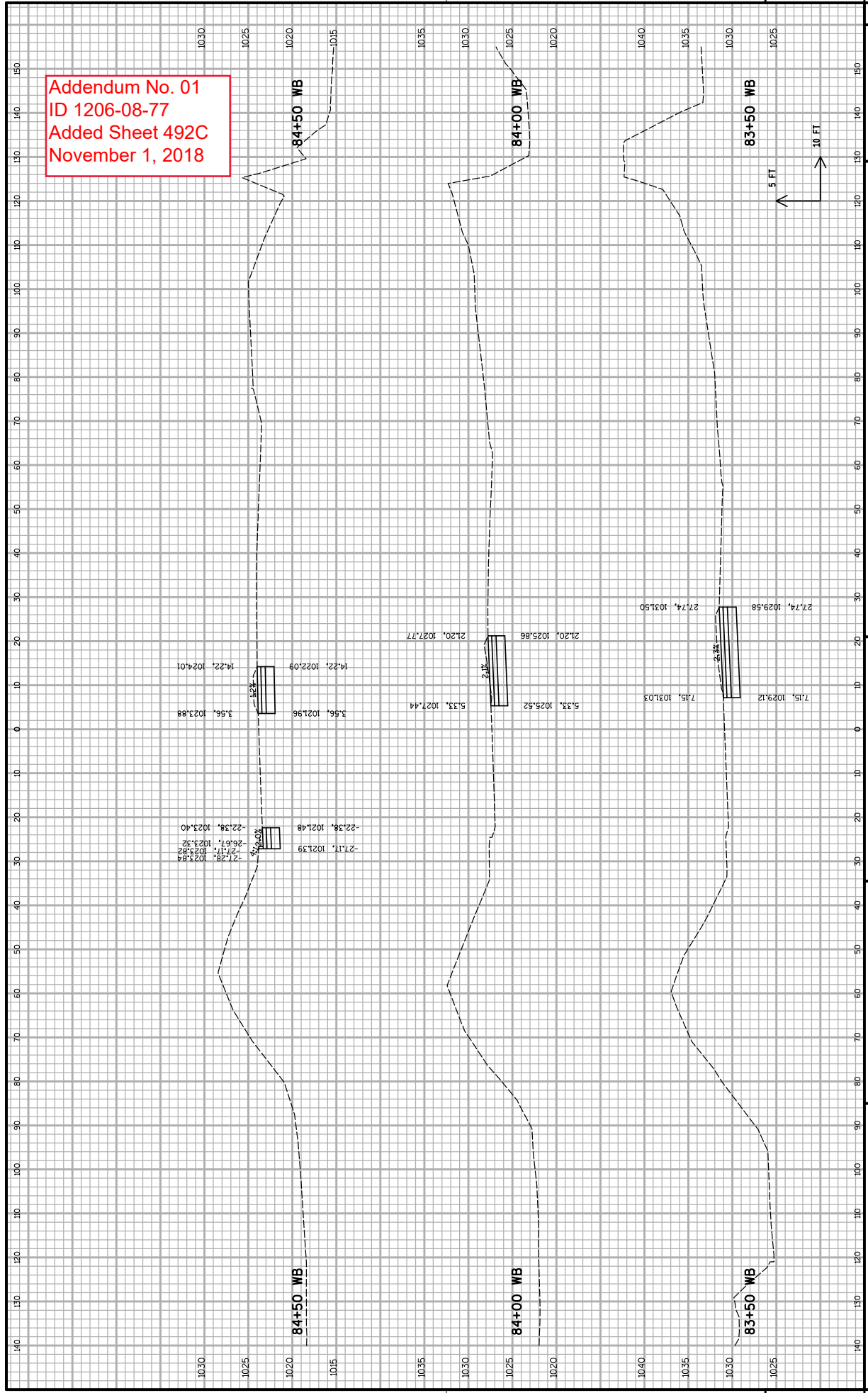
Addendum No. 01  
 ID 1206-08-77  
 Added Sheet 492B  
 November 1, 2018

PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A  
 SHEET 492B  
 E

FILE NAME : S:\MMD\1000--1099\1089\329\Micros\PLAN\0877\Shop\rg\090201\_L\_xs.pd10A.dgn  
 PLOT DATE : 9/18/2018  
 PLOT BY : \_username\_

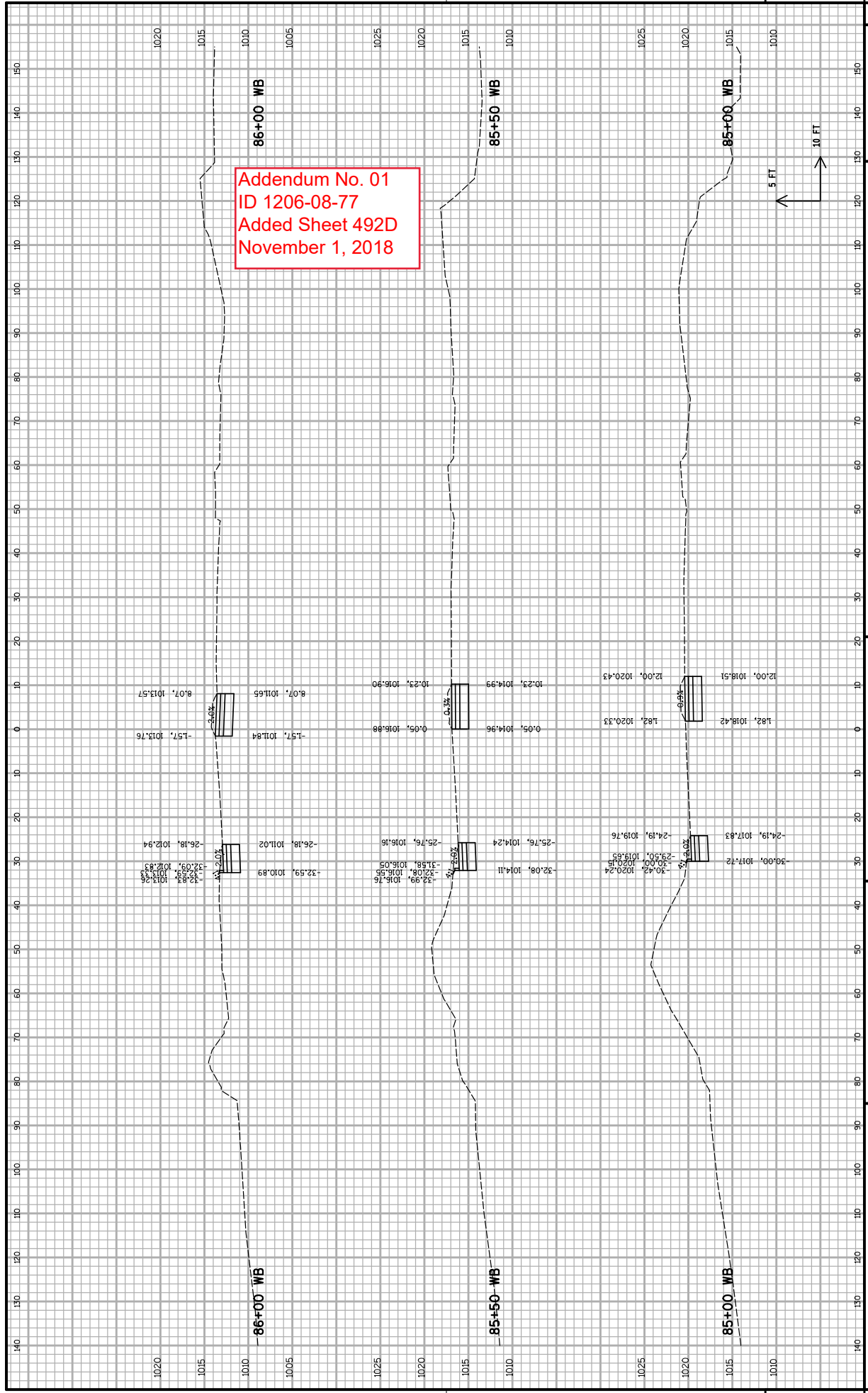
PLOT SCALE : \*\*.....plot scale.....\*\* WISDOT/CADS SHEET 21

Addendum No. 01  
 ID 1206-08-77  
 Added Sheet 492C  
 November 1, 2018



PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A  
 SHEET 492C  
 PLOT DATE: 9/18/2018  
 PLOT BY: \_username\_

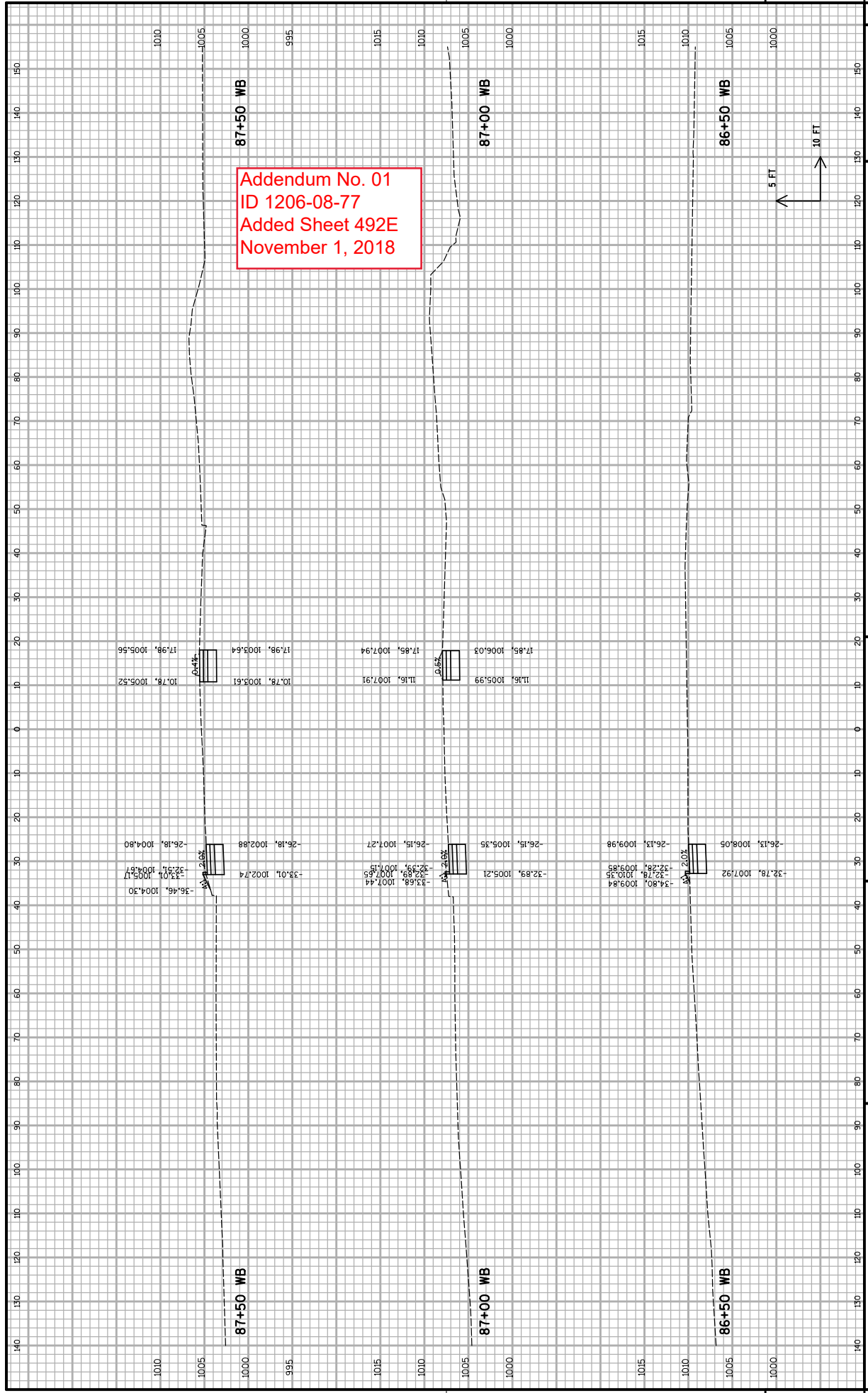
FILE NAME: S:\NMD\1000--1099\1089\329\Micros\PLAN\0877\Shp\rg\090201.L\_xe.pd10A.dgn  
 PLOT SCALE: \*\*.....plot scale.....\*\* WISDOT/CADS SHEET 21



PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A  
 SHEET 492D  
 E

FILE NAME : S:\MMD\1000--1099\1089\329\Micros\PLAN\0877\Shop\rg\090201.L\_xs.pd10A.dgn  
 PLOT DATE : 9/18/2018  
 PLOT BY : \_username\_

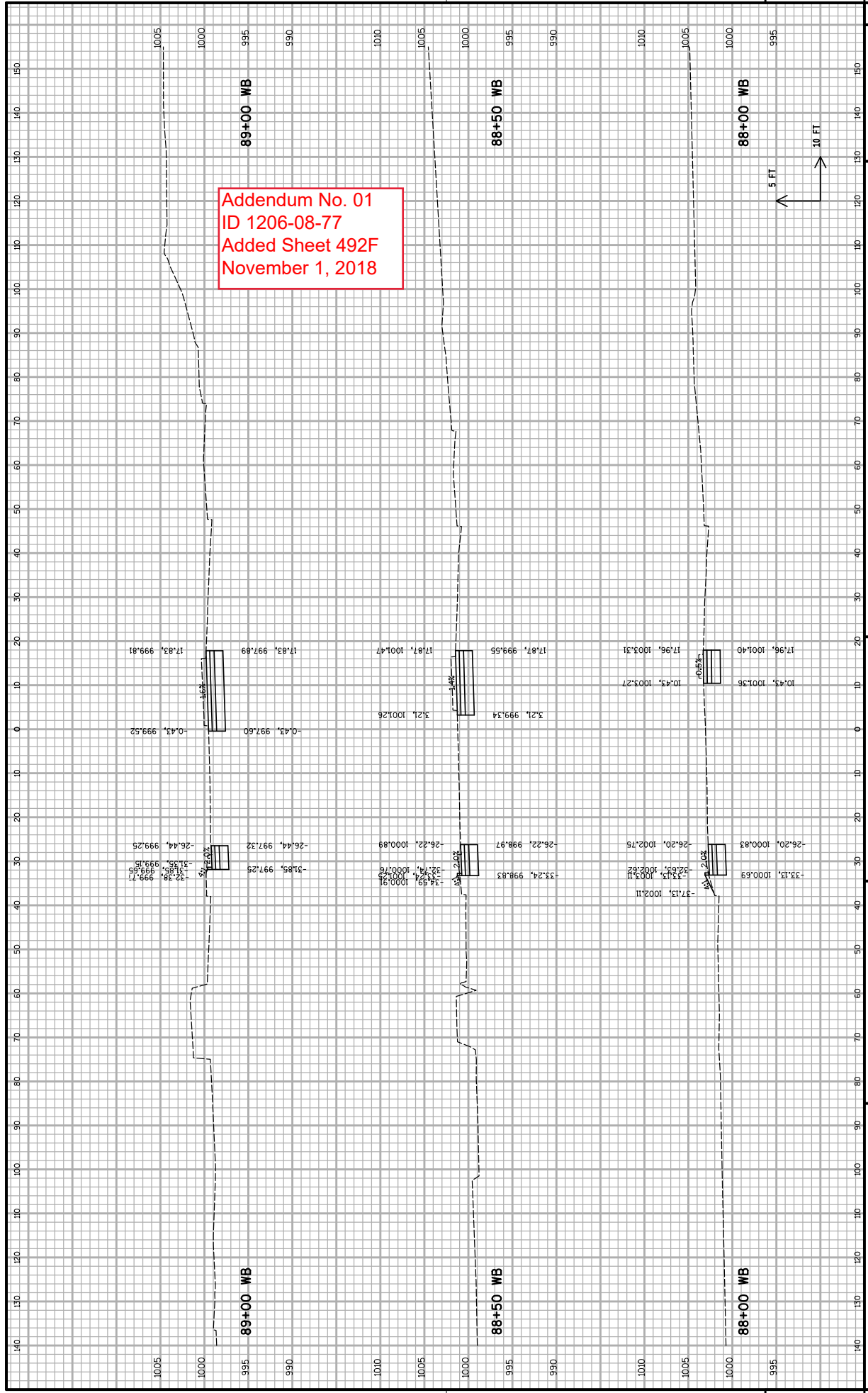
PLOT SCALE : \*\*.....plot scale.....\*\* WISDOT/CADD SHEET 21



PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A  
 SHEET 492E  
 PLOT DATE: 9/18/2018  
 PLOT BY: \_username\_

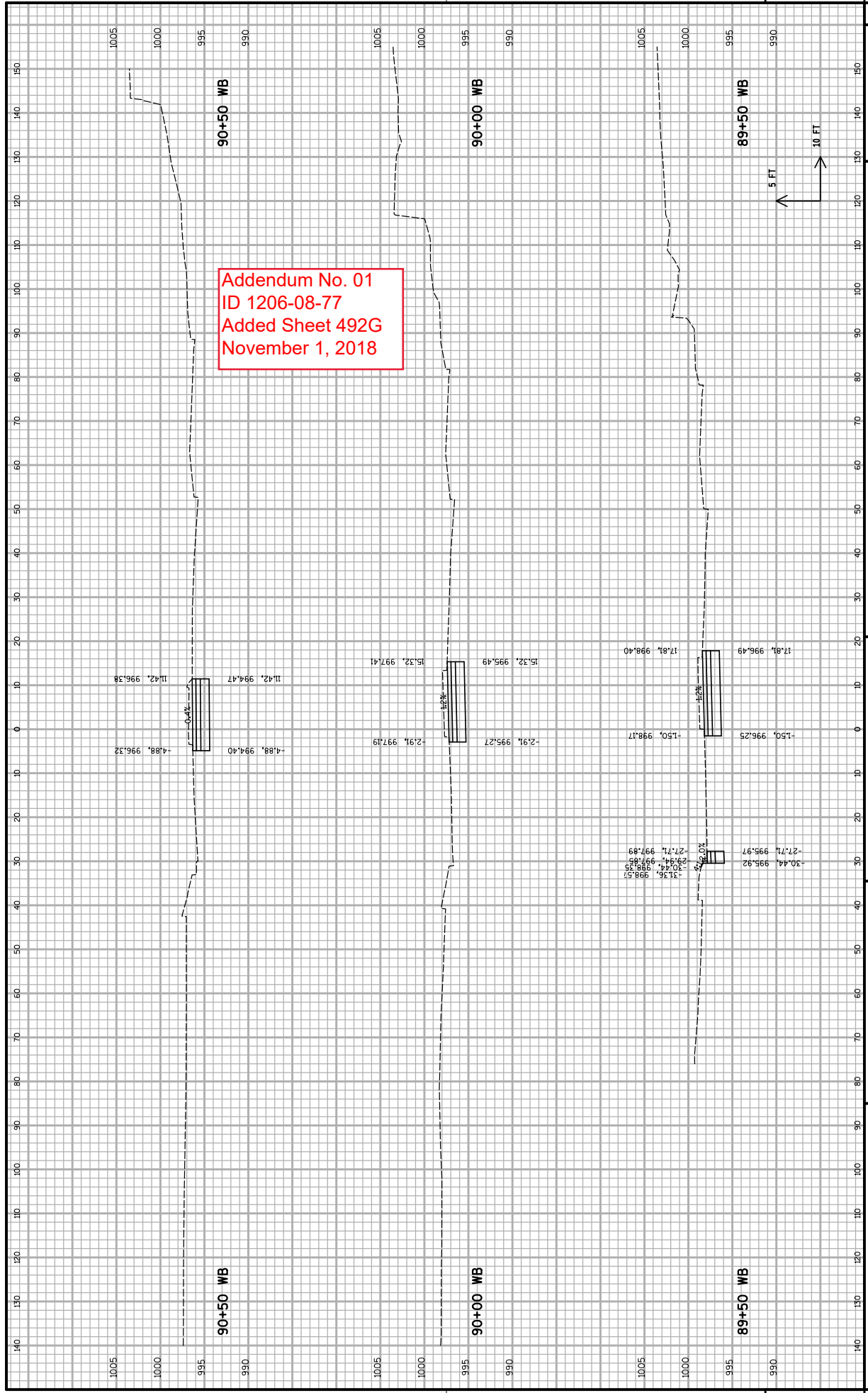
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PLOT SCALE: \*\*.....plot scale.....\*\* WISDOT/CADD SHEET 21



Addendum No. 01  
 ID 1206-08-77  
 Added Sheet 492F  
 November 1, 2018

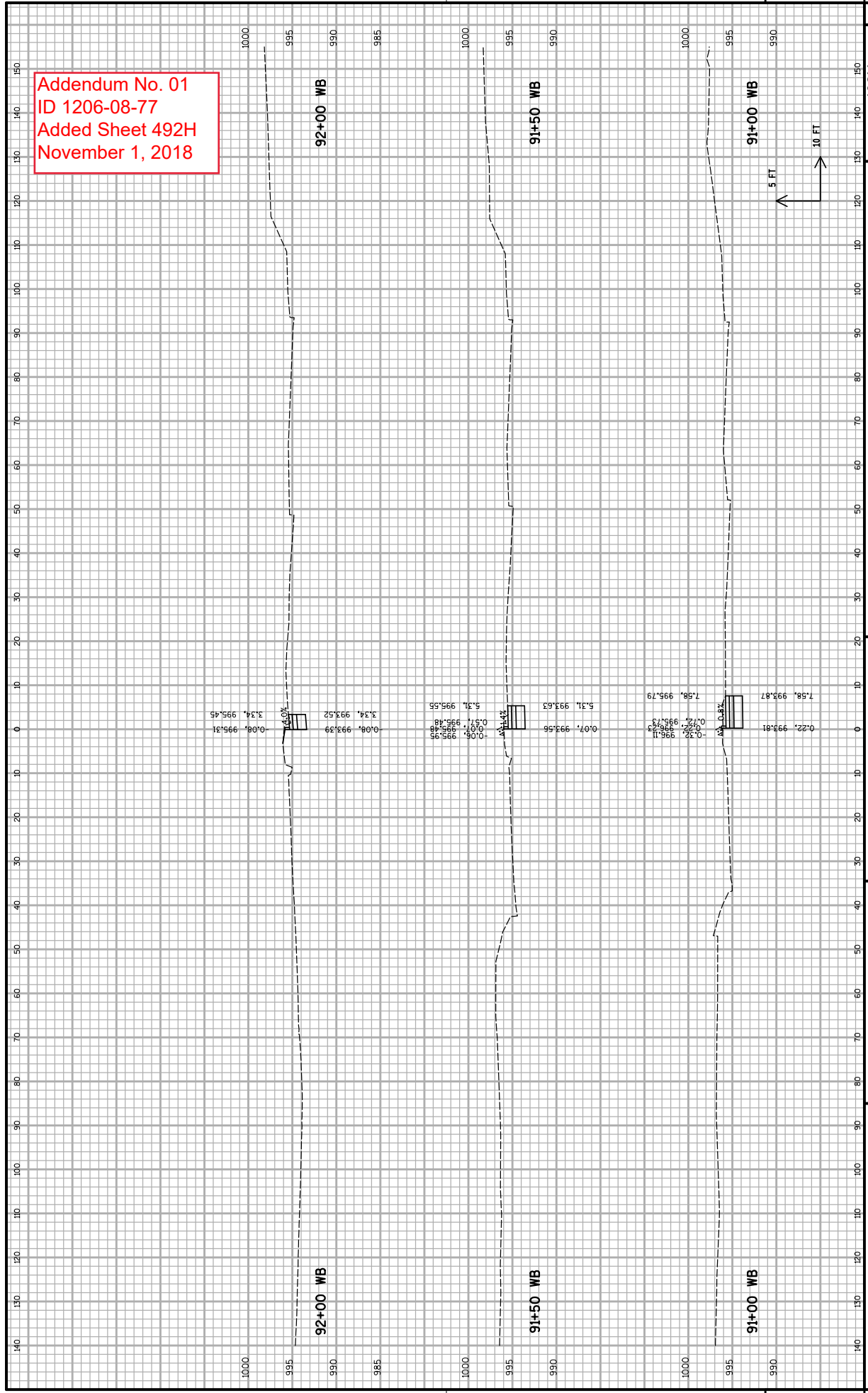
PROJECT NO: 1206-08-77 COUNTY: DANE CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A SHEET 492F E  
 HWY: USH 18 PLOT DATE: 9/18/2018 PLOT BY: \_username\_ PLOT SCALE: \*\*.....plotscale.....\*\* WISDOT/CADD SHEET 21  
 FILE NAME: S:\NMD\1000--1099\1089\329\Micros\PLAN\0877\Shop\rg\090201.L\_x.s.pd10A.dgn



PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A  
 SHEET 492G  
 PLOT DATE: 9/18/2018  
 PLOT BY: \_username\_

FILE NAME: S:\NMD\1000--1099\1089\329\Nlcos\PLAN\0877\Shop\rg\090201\_1\_xs.pd10a.dgn  
 PLOT SCALE: \*\*.....plot scale.....\*\* WISDOT/CADS SHEET 21

Addendum No. 01  
 ID 1206-08-77  
 Added Sheet 492H  
 November 1, 2018



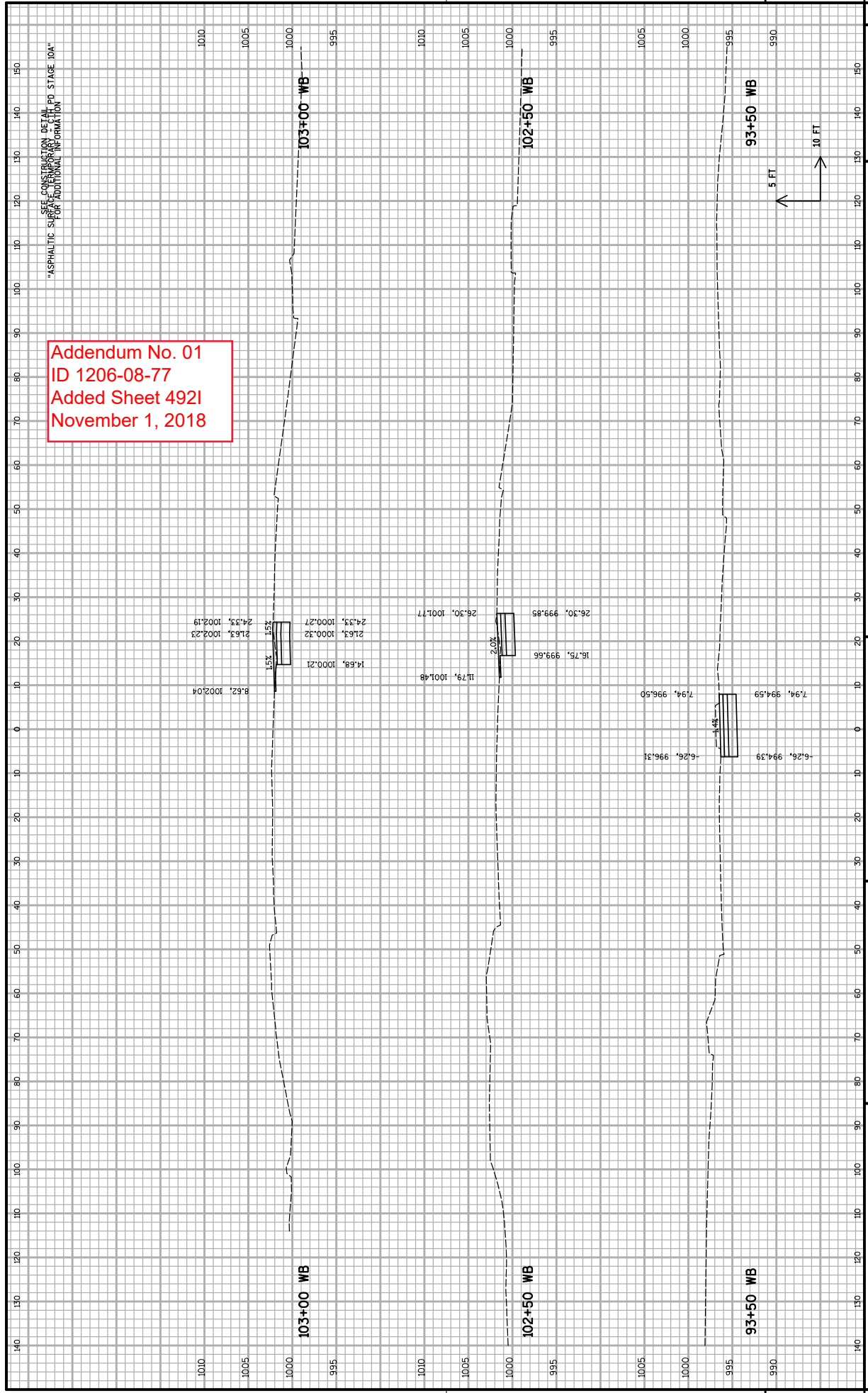
PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A  
 SHEET 492H  
 E

FILE NAME : S:\MMD\1000--1099\1089\329\Micros\PLAN\0877\Shop\rg\090201.L...xs.pd10A.dgn  
 PLOT DATE : 9/13/2018  
 PLOT BY : \_username\_

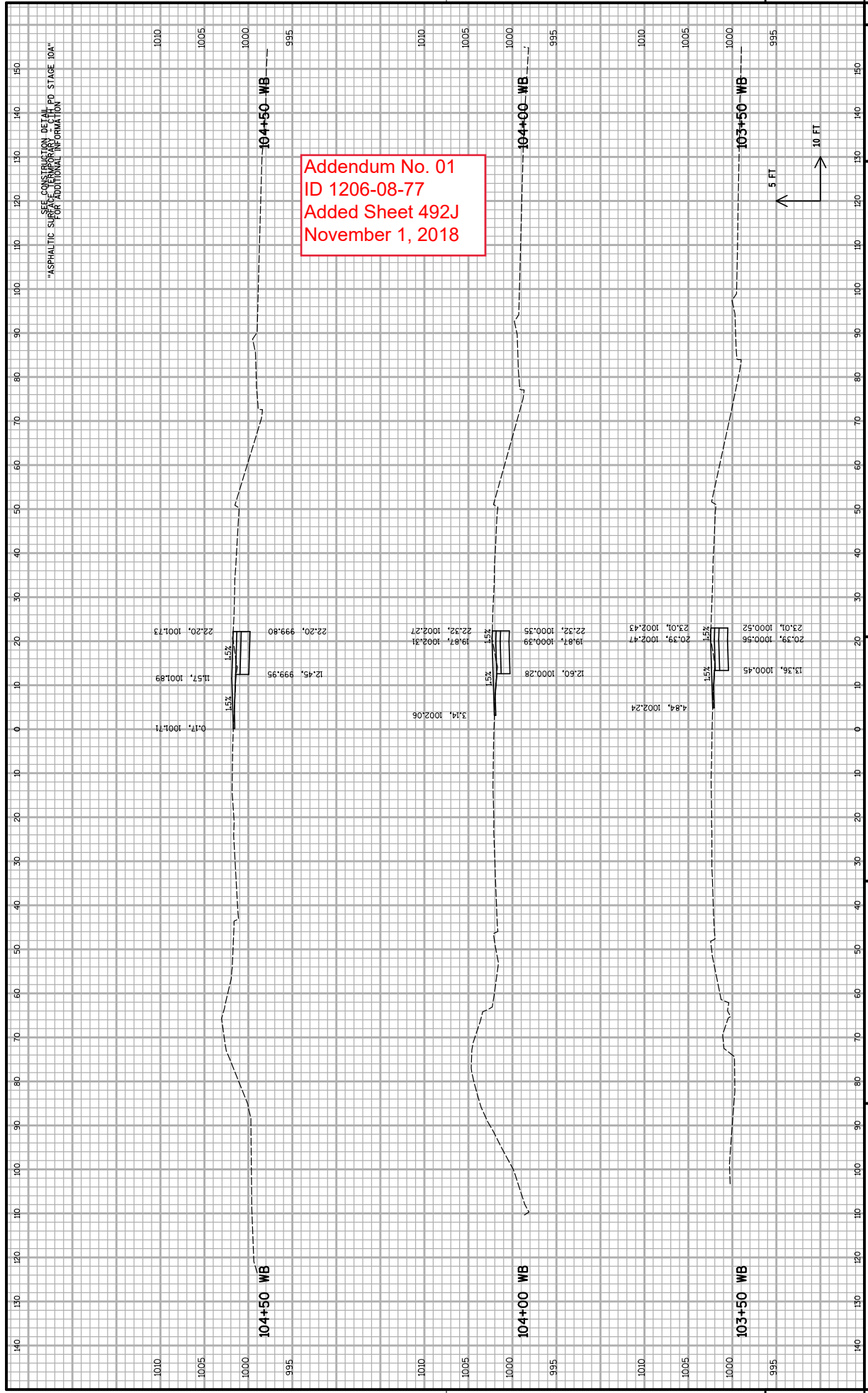
PLOT SCALE : \*\*.....plot scale.....\*\* WISDOT/CADS SHEET 21

SEE CONSTRUCTION DETAIL FOR STAGE 10A  
"ASPHALTIC SURF" FOR ADDITIONAL INFORMATION

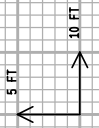
Addendum No. 01  
ID 1206-08-77  
Added Sheet 4921  
November 1, 2018

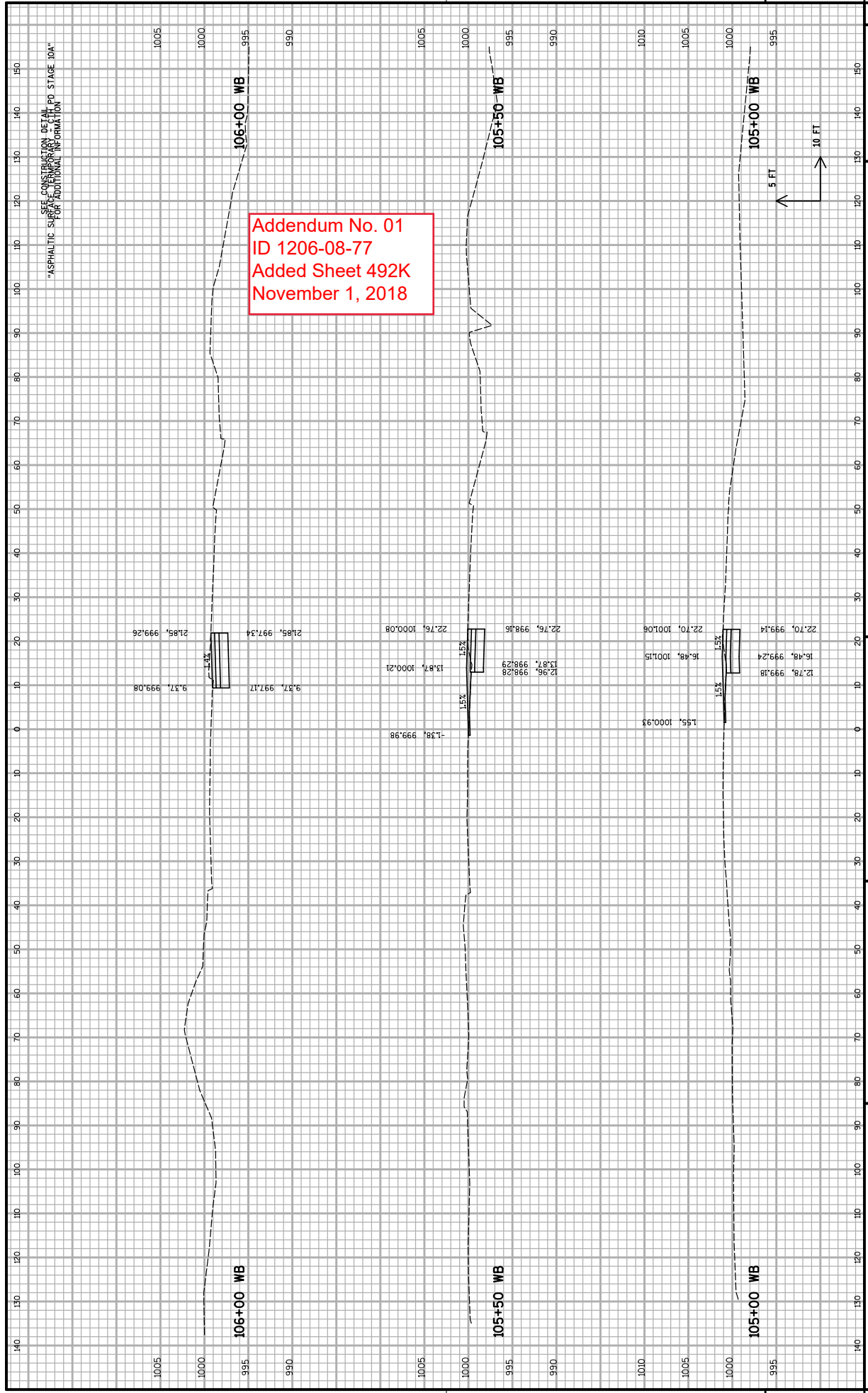




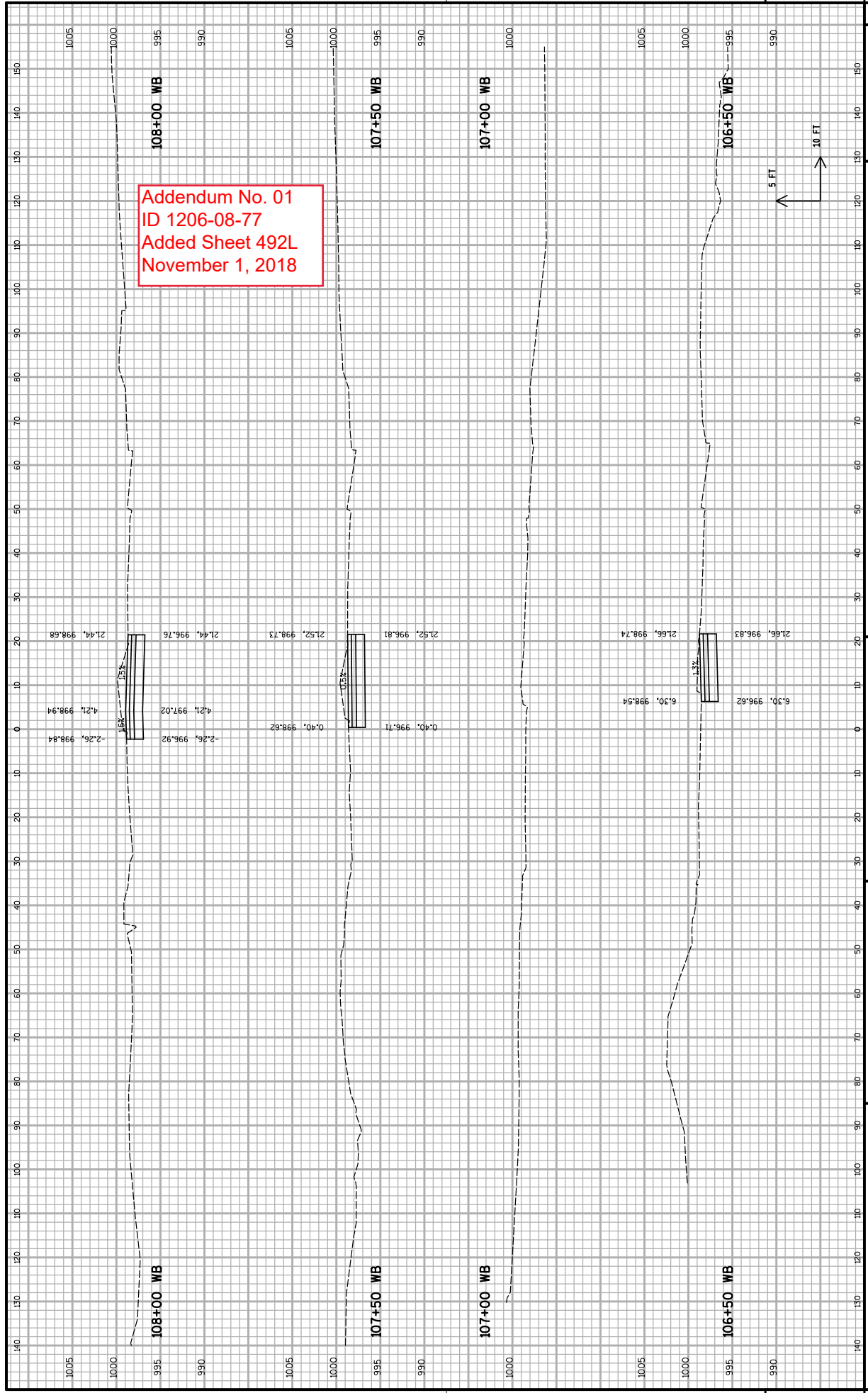


Addendum No. 01  
ID 1206-08-77  
Added Sheet 492J  
November 1, 2018





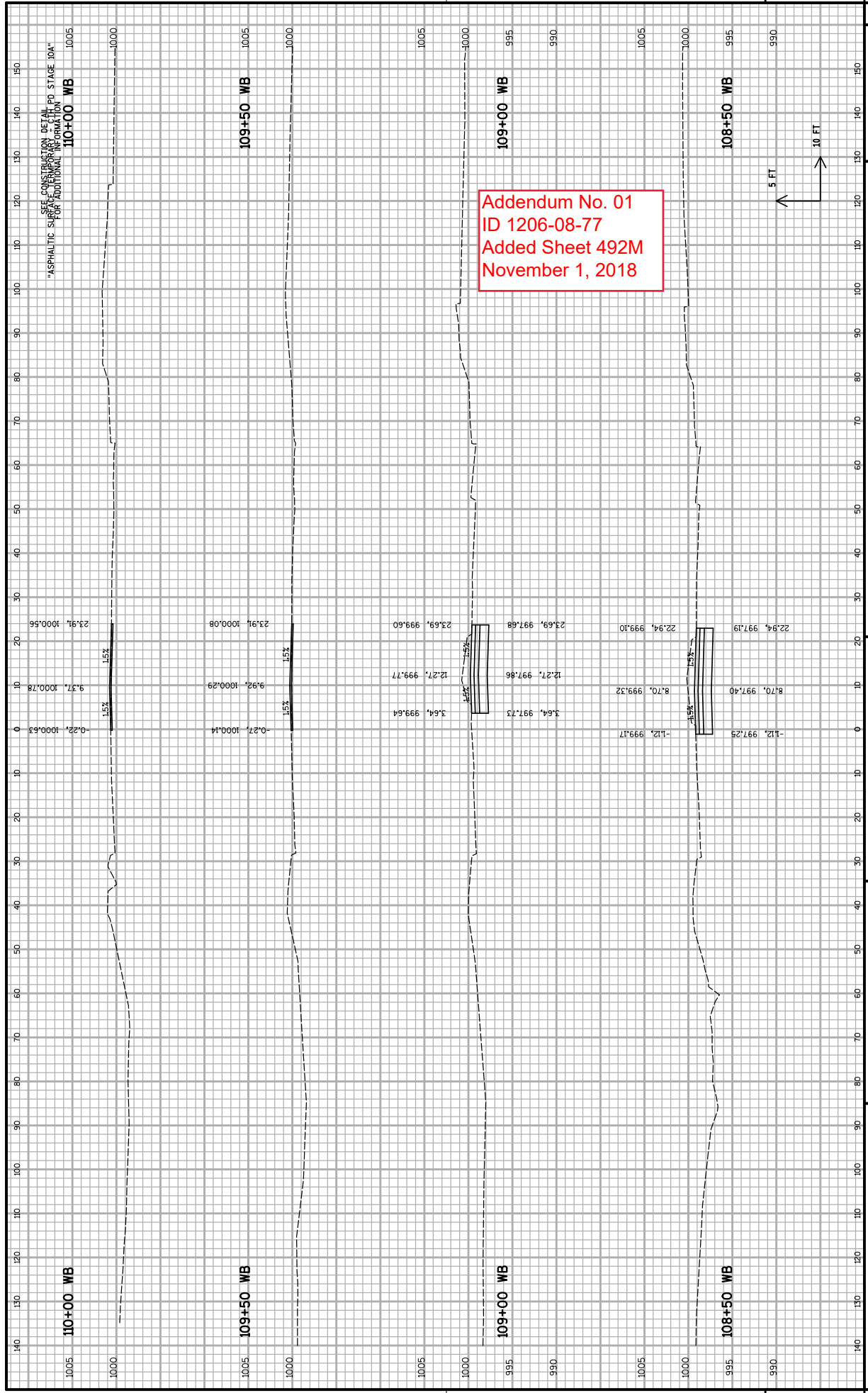
Addendum No. 01  
 ID 1206-08-77  
 Added Sheet 492K  
 November 1, 2018



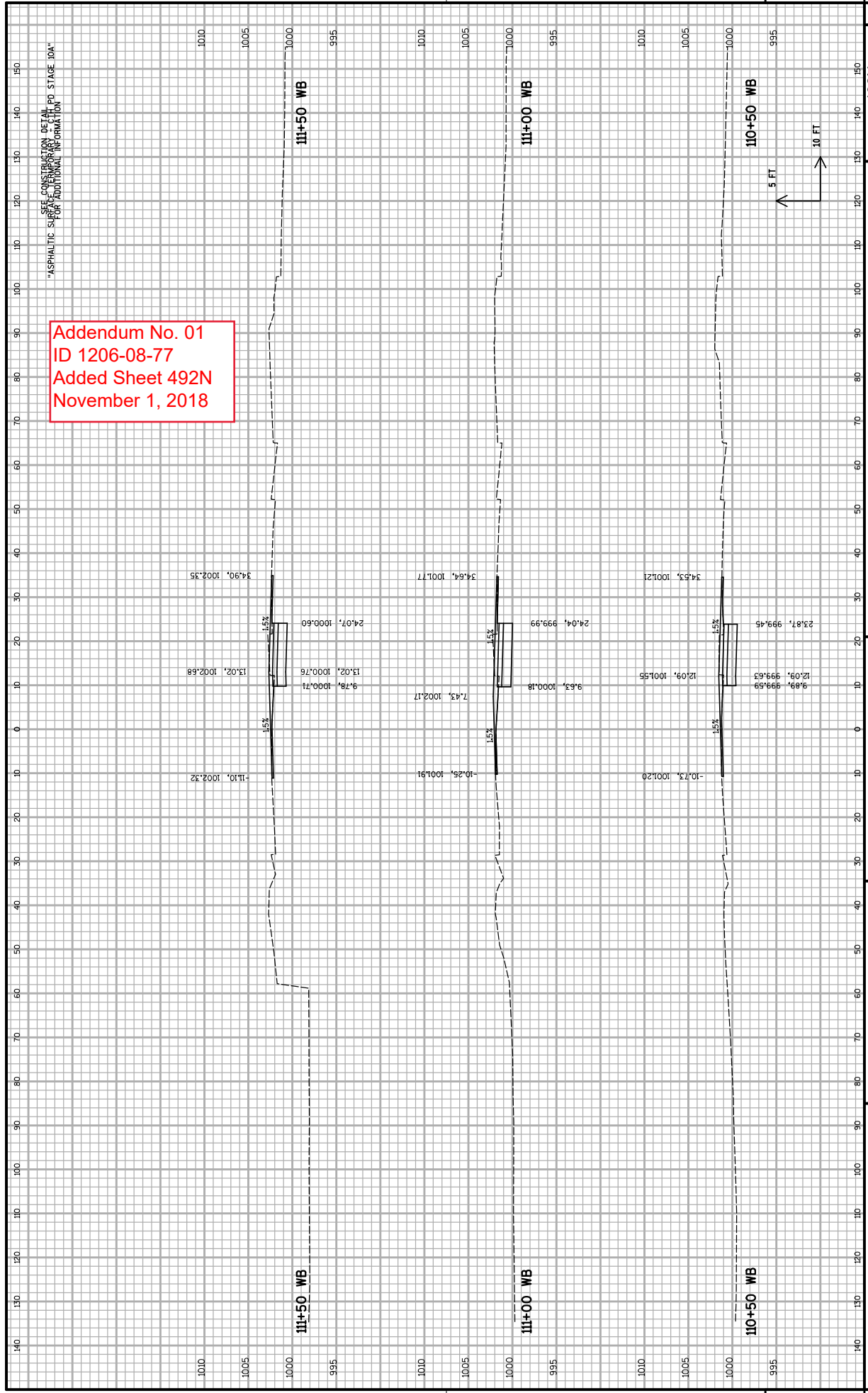
PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A  
 SHEET 492L  
 E

FILE NAME : S:\MMD\1000--1099\1089\329\Micros\PLAN\0877\Shop\rg\090201.Lxs.pd10A.dgn  
 PLOT DATE : 9/18/2018  
 PLOT BY : \_username\_

PLOT SCALE : \*\*.....plot scale.....\*\* WISDOT/CADS SHEET 21



Addendum No. 01  
ID 1206-08-77  
Added Sheet 492M  
November 1, 2018



CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A

COUNTY: DANE

HWY: USH 18

PROJECT NO: 1206-08-77

SHEET 492N

9

9

SEE CONSTRUCTION DETAIL FOR ASPHALTIC SURFACE FOR ADDITIONAL INFORMATION

5 FT

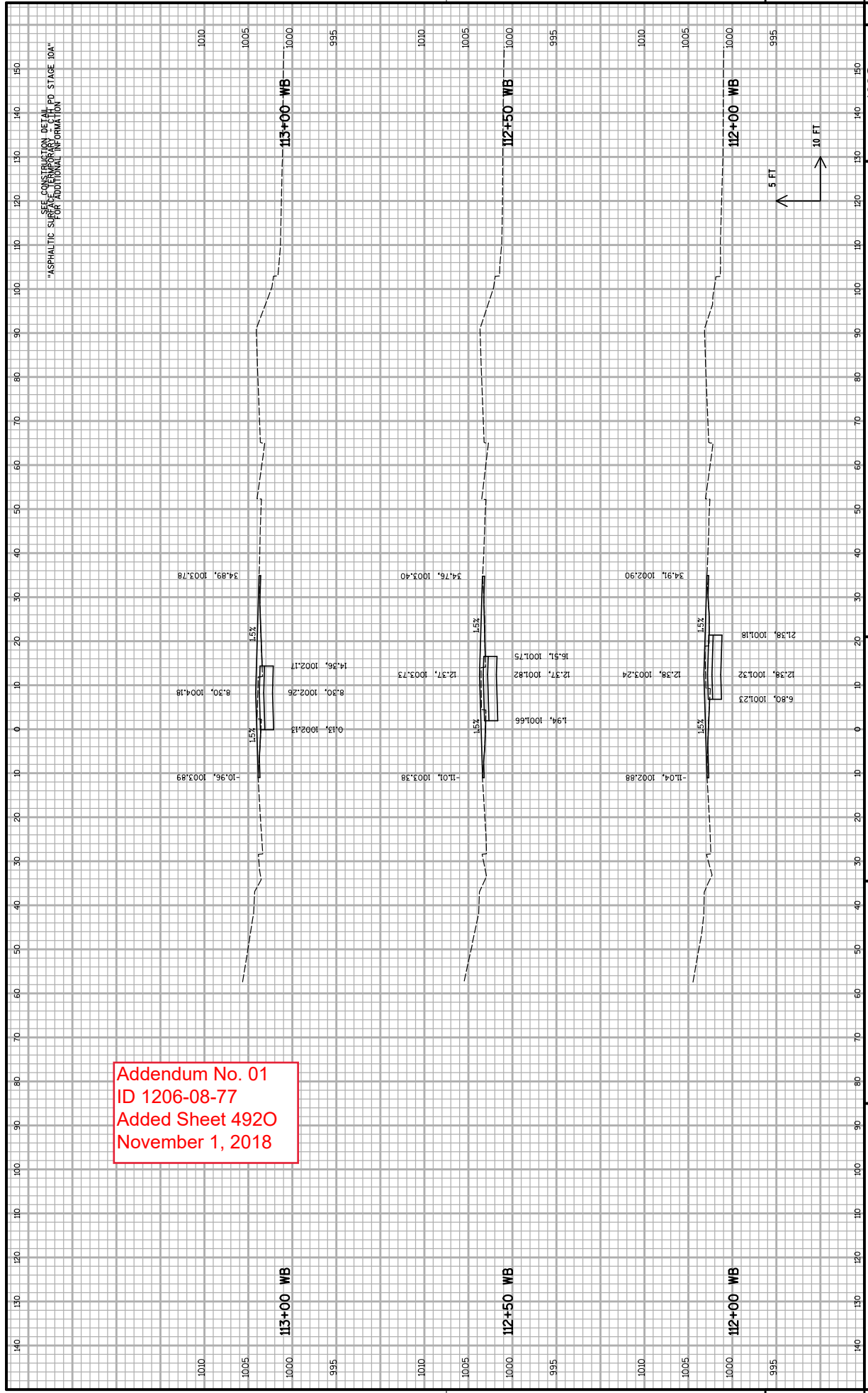
10 FT

PLOT SCALE: \*\*.....plot scale.....\*\* WISDOT/CADS SHEET 21

PLOT BY: \_username\_

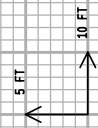
PLOT DATE: 9/18/2018

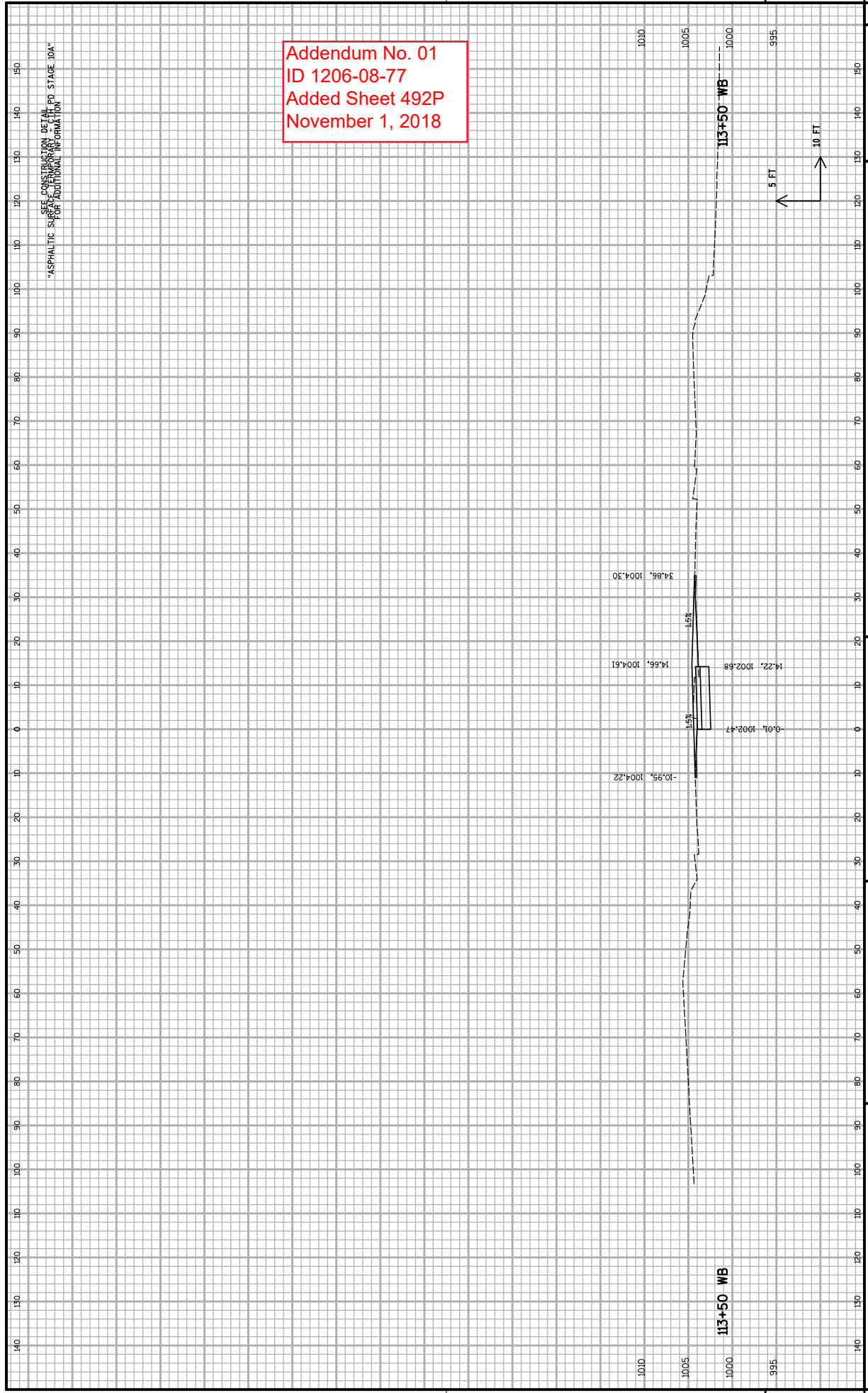
FILE NAME: S:\MMD\1000--1099\1089\329\MicroStation\PLAN\0877\Stage\rg\090201\_L\_xs.pd10A.dgn



SEE CONSTRUCTION DETAIL FOR STAGE 10A  
 ASPHALTIC SURFACE FOR ADDITIONAL INFORMATION

Addendum No. 01  
 ID 1206-08-77  
 Added Sheet 4920  
 November 1, 2018





SEE CONSTRUCTION DETAIL  
FOR ADDITIONAL INFORMATION  
"ASPHALTIC SURF"

Addendum No. 01  
ID 1206-08-77  
Added Sheet 492P  
November 1, 2018

PROJECT NO: 1206-08-77

CROSS SECTIONS - CTH PD (MCKEE RD) STG. 10A

COUNTY: DANE

HWY: USH 18

SHEET 492P

9

9

FILE NAME : S:\MMD\1000--1099\1089\329\Micros\PLAN\0877\Stage\rg\090201\_xs.pd10a.dgn

PLOT DATE : 9/18/2018

PLOT BY : \_username\_

PLOT SCALE : \*\*.....plot scale.....\*\* WISDOT/CADD SHEET 21

REMOVING STORM SEWER

CATEGORY	STATION - STATION	LOCATION	204.0245						19X30-INCH HERCP	LF
			12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	.005		
0000	887+97 VR - 889+98 VR	RT	20							
	895+72 VR - 896+91 VR	LT				25				
	901+68 VR - 901+76 VR	LT				120				
	902+12 VR - 902+77 VR	LT				30				
	902+77 VR - 904+27 VR	LT				150				
	101+00 A	LT	3							
	101+10 A	LT	3							
	99+20 EB - 99+84 EB	RT			70					
	99+84 EB - 99+97 EB	RT	15							
	902+54 VR - 902+92 VR	RT	40							
	99+14 WB - 99+23 WB	LT					10			
	99+23 WB	LT					10			
	99+23 WB - 100+00 WB	LT								
	100+00 WB - 100+33 WB	LT			80					
	100+33 WB - 100+42 WB	LT								
	903+49 VR - 903+68 VR	RT					20			
	903+70 VR	RT					6			
	903+71 VR - 904+12 VR	RT					40			
	904+12 VR	RT	7							
	904+12 VR - 904+80 VR	RT					70			
	904+63 VR - 905+36 VR	RT	75							
	906+54 VR	RT					20			
	924+45 VR - 924+77 VR	LT/RT					70			
	924+78 VR	LT					3			
	940+88 VR - 941+32 VR	RT					45			
	941+45 VR - 943+64 VR	LT			220					
	944+80 VR - 944+82 VR	LT	10							
	944+82 VR - 944+84 VR	LT			30					
	82+00 WB - 85+36 WB	LT	340							
	85+36 WB - 85+91 WB	LT		50						
	85+85 WB	LT			30					
	85+85 WB	RT			9					
	84+39 EB	RT	10							
	88+84 WB - 88+87 WB	RT	15							
	89+35 EB - 89+38 EB	LT/RT			40					
	89+38 EB - 89+52 EB	RT			15					
	91+33 WB - 91+75 WB	LT			40					
	91+75 WB - 92+04 WB	LT			45					
	92+04 WB	LT/RT	10							
	91+31 WB - 91+99 WB	LT					9			
	91+99 WB - 92+27 WB	LT	30							
	91+99 WB - 92+61 WB	LT					60			
	92+61 WB - 93+18 WB	LT			80					
	92+33 WB - 92+95 WB	LT	4							
	93+19 WB - 93+31 WB	LT		50						
	93+31 WB	LT/RT	10							

CONT ON RIGHT

REMOVING STORM SEWER (CONT)

CATEGORY	STATION - STATION	LOCATION	204.0245						19X30-INCH HERCP	LF
			12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	.005		
0000	93+60 EB - 94+01 EB	LT	50							
	94+01 EB - 94+08 EB	LT	7							
	23+76 NR - 24+41 NR	RT	65							
	24+07 NR - 24+47 NR	LT	45							
	101+58 EB - 103+35 EB	LT/RT					180			
	103+35 EB - 104+26 EB	LT/RT					90			
	104+76 EB - 104+78 EB	RT	8							
	104+79 EB	LT/RT	30							
	105+15 EB - 105+55 EB	RT		40						
	104+47 WB - 104+89 WB	RT	40							
	104+90 WB	LT/RT	60							
	106+42 WB - 106+72 WB	RT	30							
	106+83 EB - 106+92 EB	RT	15							
	106+83 EB - 107+15 EB	RT	30							
	106+72 WB - 108+09 WB	RT	140							
	107+71 WB	LT	25							
	107+71 WB - 108+09 WB	LT	40							
	108+04 WB - 108+09 WB	LT			15					
	108+09 WB	LT			30					
	108+09 WB	LT/RT			10					
	108+29 EB	RT						15		
	108+29 EB - 108+41 EB	LT/RT					35			
	108+41 EB - 108+43 EB	LT					10			
	108+29 EB - 111+29 EB	RT						300		
	110+52 WB	LT/RT	40							
	109+92 WB - 111+98 WB	LT	210							
	110+86 EB	LT/RT	10							
	110+86 EB - 111+29 EB	LT/RT			95					
	111+29 EB - 112+22 EB	RT						95		
TOTALS			1670	140	1,084	753		395	15	

REMOVING PAYMENT

PROJECT LOCATION	STATION - STATION	LOCATION	204.000 SY
0000	VERONA ROAD	RT	2,850
	920+00 VR - 930+00 VR	RT	2,850
	SUBTOTAL		
	86+51 EB - 88+71 EB	LT	520
	94+33 EB - 94+73 EB	LT	30
	98+56 EB - 102+18 EB	LT/RT	4,900
	110+62 EB - 111+20 EB	LT	50
	SUBTOTAL		
	TOTAL		
			8,350

Addendum No. 01  
ID 1206-08-77  
Revised Sheet 516  
November 1, 2018



**\* REMOVING INLETS**

CATEGORY	STATION	OFFSET	204.0220 EACH
0000	902+71 VR	79.4' LT	1
0000	101+00 A	17.0' LT	1
0000	101+00 A	17.0' LT	1
0000	108+41 EB	3.6' LT	1
0000	99+84 EB	48.3' LT	1
0000	99+87 EB	49.0' RT	1
0000	100+04 EB	11.4' RT	1
0000	99+26 WB	67.2' LT	1
0000	100+00 WB	36.7' LT	1
0000	100+33 WB	46.4' LT	1
0000	100+42 WB	48.1' LT	1
0000	903+68 VR	134.8' RT	1
0000	903+71 VR	141.0' RT	1
0000	904+12 VR	131.4' RT	1
0000	904+14 VR	137.6' RT	1
0000	904+80 VR	129.7' RT	1
0000	905+36 VR	16.0' RT	1
0000	924+72 VR	11.0' LT	1
0000	924+77 VR	19.3' LT	1
0000	944+84 VR	38.5' LT	1
0000	85+36 WB	27.5' LT	1
0000	88+84 WB	28.3' LT	1
0000	85+85 WB	0.5' LT	1
0000	86+86 WB	8.6' RT	1
0000	84+39 EB	20.1' LT	1
0000	84+42 EB	8.4' LT	1
0000	88+84 WB	0.8' RT	1
0000	88+87 WB	16.3' RT	1
0000	89+38 EB	8.3' RT	1
0000	91+75 WB	46.0' LT	1
0000	92+04 WB	8.8' LT	1
0000	92+04 WB	1.2' RT	1
0000	91+99 WB	89.7' LT	1
0000	92+27 WB	75.0' LT	1
0000	92+61 WB	109.0' LT	1
0000	93+99 WB	50.1' LT	1
0000	93+31 WB	3.8' LT	1
0000	93+32 WB	6.4' RT	1
0000	94+01 EB	7.4' LT	1
0000	94+07 EB	8.9' LT	1
0000	24+47 NR	17.9' LT	1
0000	24+41 NR	43.2' RT	1
0000	104+79 EB	17.5' RT	1
0000	105+60 EB	42.8' RT	1
0000	104+47 WB	14.3' RT	1
0000	104+87 WB	14.5' RT	1
0000	104+47 WB	43.4' LT	1
0000	106+41 WB	61.1' RT	1
0000	106+72 WB	7.0' RT	1
0000	107+70 WB	30.7' LT	1
0000	108+09 WB	30.2' LT	1

**\* REMOVING INLETS (CONT)**

CATEGORY	STATION	OFFSET	204.0220 EACH
0000	108+09 WB	0.2' LT	1
0000	108+28 EB	26.2' RT	1
0000	108+41 EB	3.6' LT	1
0000	109+13 WB	48.3' LT	1
0000	106+86 EB	25.0' RT	1
0000	107+16 EB	25.0' RT	1
0000	109+91 WB	47.3' LT	1
0000	111+23 WB	27.0' RT	1
0000	112+00 WB	46.0' LT	1
0000	110+51 WB	28.5' LT	1
0000	110+52 EB	12.0' RT	1
0000	110+86 EB	3.0' LT	1
0000	TOTAL		<b>62</b>

**\* REMOVING INLETS (CONT)**

CATEGORY	STATION	OFFSET	204.0220 EACH
0000	889+98 VR	49.0' RT	1
0000	891+70 VR	60.5' RT	1
0000	901+76 VR	81.0' LT	1
0000	902+42 VR	70.4' LT	1
0000	99+20 EB	64.8' RT	1
0000	906+53 VR	71.2' RT	1
0000	924+45 VR	44.7' RT	1
0000	940+88 VR	85.7' RT	1
0000	941+47 VR	104.6' LT	1
0000	TOTAL		<b>9</b>

**\* REMOVING INLETS (CONT)**

CATEGORY	STATION	OFFSET	204.0220 EACH
0000	889+98 VR	49.0' RT	1
0000	891+70 VR	60.5' RT	1
0000	901+76 VR	81.0' LT	1
0000	902+42 VR	70.4' LT	1
0000	99+20 EB	64.8' RT	1
0000	906+53 VR	71.2' RT	1
0000	924+45 VR	44.7' RT	1
0000	940+88 VR	85.7' RT	1
0000	941+47 VR	104.6' LT	1
0000	TOTAL		<b>9</b>

**\* REMOVING INLETS (CONT)**

CATEGORY	STATION	OFFSET	204.0220 EACH
0000	889+98 VR	49.0' RT	1
0000	891+70 VR	60.5' RT	1
0000	901+76 VR	81.0' LT	1
0000	902+42 VR	70.4' LT	1
0000	99+20 EB	64.8' RT	1
0000	906+53 VR	71.2' RT	1
0000	924+45 VR	44.7' RT	1
0000	940+88 VR	85.7' RT	1
0000	941+47 VR	104.6' LT	1
0000	TOTAL		<b>9</b>

**\* REMOVING APRON ENDWALLS**

CATEGORY	STATION	OFFSET	204.9060.S.004 EACH	REMARKS
0000	888+15 VR	13.5' RT	1	SANITARY
0000	895+12 VR	55.4' LT	1	SANITARY
0000	896+19 VR	48.1' LT	1	SANITARY
0000	99+14 WB	46.7' LT	1	SANITARY
0000	99+23 WB	54.8' LT	1	SANITARY
0000	100+78 EB	86.5' RT	1	SANITARY
0000	102+61 EB	29.7' LT	1	SANITARY
0000	104+76 EB	10.3' RT	1	SANITARY
0000	106+31 EB	6.0' RT	1	SANITARY
0000	106+74 WB	17.9' LT	1	SANITARY
0000	108+09 WB	9.3' RT	1	SANITARY
0000	TOTAL		<b>11</b>	

**\* REMOVING APRON ENDWALLS**

CATEGORY	STATION	OFFSET	204.9060.S.004 EACH	REMARKS
0000	888+15 VR	13.5' RT	1	SANITARY
0000	895+12 VR	55.4' LT	1	SANITARY
0000	896+19 VR	48.1' LT	1	SANITARY
0000	99+14 WB	46.7' LT	1	SANITARY
0000	99+23 WB	54.8' LT	1	SANITARY
0000	100+78 EB	86.5' RT	1	SANITARY
0000	102+61 EB	29.7' LT	1	SANITARY
0000	104+76 EB	10.3' RT	1	SANITARY
0000	106+31 EB	6.0' RT	1	SANITARY
0000	106+74 WB	17.9' LT	1	SANITARY
0000	108+09 WB	9.3' RT	1	SANITARY
0000	TOTAL		<b>11</b>	

**PREPARE FOUNDATION FOR ASPHALTIC PAVING (2206-08-77)**

CATEGORY	STATION - STATION	LS	REMARKS
0000	88+50 VR - 92+48 EB	---	FOR INFORMATION ONLY
0000	95+52 EB - 96+00 EB	---	FOR INFORMATION ONLY
0000	102+88 EB - 103+81 EB	---	FOR INFORMATION ONLY
0000	TOTAL	<b>1</b>	

NOTE: SEE TYPICAL FINISHED SECTIONS FOR ADDITIONAL INFORMATION

PREPARE FOUNDATION FOR CONCRETE PAVEMENT (2206-08-77)

CATEGORY	STATION - STATION	LS	REMARKS
0000	96+00 EB - 97+87 EB	---	FOR INFORMATION ONLY
0000	101+09 EB - 102+88 EB	---	FOR INFORMATION ONLY
0000	TOTAL	<b>1</b>	

NOTE: SEE TYPICAL FINISHED SECTIONS FOR ADDITIONAL INFORMATION

**PREPARE FOUNDATION FOR ASPHALTIC PAVING (2206-08-77)**

CATEGORY	STATION - STATION	LS	REMARKS
0000	88+50 VR - 92+48 EB	---	FOR INFORMATION ONLY
0000	95+52 EB - 96+00 EB	---	FOR INFORMATION ONLY
0000	102+88 EB - 103+81 EB	---	FOR INFORMATION ONLY
0000	TOTAL	<b>1</b>	

NOTE: SEE TYPICAL FINISHED SECTIONS FOR ADDITIONAL INFORMATION

PREPARE FOUNDATION FOR CONCRETE PAVEMENT (2206-08-77)

CATEGORY	STATION - STATION	LS	REMARKS
0000	96+00 EB - 97+87 EB	---	FOR INFORMATION ONLY
0000	101+09 EB - 102+88 EB	---	FOR INFORMATION ONLY
0000	TOTAL	<b>1</b>	

NOTE: SEE TYPICAL FINISHED SECTIONS FOR ADDITIONAL INFORMATION

**\* REMOVING SWING GATE**

CATEGORY	PROJECT	STATION	LOCATION	204.9060.S.001 EACH
0000	WB CTH PD	86+25 WB	LT	1
0000	WB CTH PD	86+74 WB	LT	1
0000	WB CTH PD	89+44 WB	LT	1
0000	TOTAL			<b>3</b>

**REMOVING MANHOLES**

CATEGORY	PROJECT	STATION	LOCATION	204.0210 EACH	REMARKS
0000	888+15 VR	13.5' RT	1		SANITARY
0000	895+12 VR	55.4' LT	1		SANITARY
0000	896+19 VR	48.1' LT	1		SANITARY
0000	99+14 WB	46.7' LT	1		SANITARY
0000	99+23 WB	54.8' LT	1		SANITARY
0000	100+78 EB	86.5' RT	1		SANITARY
0000	102+61 EB	29.7' LT	1		SANITARY
0000	104+76 EB	10.3' RT	1		SANITARY
0000	106+31 EB	6.0' RT	1		SANITARY
0000	106+74 WB	17.9' LT	1		SANITARY
0000	108+09 WB	9.3' RT	1		SANITARY
0000	TOTAL			<b>11</b>	

**FINISHING ROADWAY**

CATEGORY	PROJECT	STATION - STATION	LOCATION	405.0000 CY	416.0512 TRUCK APPROX
0000	92+48 EB - 93+52 EB		MED	10	
0000	99+69 EB - 100+74 EB		MED	20	
0000	TOTAL			<b>30</b>	<b>35</b>

**REMOVING BARRICADES TYPE III**

CATEGORY	STATION - STATION	LOCATION	204.0231S.003 EACH
0000	885+50 VR	RT	2
0000	12+50 C	RT	2
0000	44+20 C	LT	2
0000	949+10 VR	LT	3
0000	TOTAL		<b>9</b>

**REMOVING BARRICADES TYPE III**

CATEGORY	STATION - STATION	LOCATION	204.0231S.003 EACH
0000	885+50 VR	RT	2
0000	12+50 C	RT	2
0000	44+20 C	LT	2
0000	949+10 VR	LT	3
0000	TOTAL		<b>9</b>

**REMOVING BARRICADES TYPE III**

CATEGORY	STATION - STATION	LOCATION	204.0231S.003 EACH
0000	885+50 VR	RT	2
0000	12+50 C	RT	2
0000	44+20 C	LT	2
0000	949+10 VR	LT	3
0000	TOTAL		<b>9</b>

**REMOVING BARRICADES TYPE III**

CATEGORY	STATION - STATION	LOCATION	204.0231S.003 EACH
0000	885+50 VR	RT	2
0000	12+50 C	RT	2
0000	44+20 C	LT	2
0000	949+10 VR	LT	3
0000	TOTAL		<b>9</b>

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CATEGORY	LOCATION	STATION - STATION	205.0100		SP4.0035.001		MASS ORDNATE +/- (6)	3/2.0100 SELECT CRUSHED MATERIAL (7) FACTOR	REMARKS
			EXCAVATION COMMON (1) CUT (2)	EBS (3)	ROADWAY EMBANKMENT (5)	AVAILABLE STRUCTURE EXCAVATION (4)			
			5% OF CUT		CY		L9		
			CY	CY	CY	CY	TON		
0010	VERONA ROAD	888+00 VR - 902+00 VR	841	42	61,904	61,904	80		
	VERONA ROAD	905+00 VR - 935+00 VR	102,839	4,811	44,337	-6,002	9,141		
	VERONA ROAD	935+00 VR - 937+00 VR	76	4	84	58,208	8		
	VERONA ROAD	937+00 VR - 947+38 VR	49,715	2,486	132	-6	4,723		MAJORITY OF EARTHWORK COMPLETED IN 1206-07-75
	A RAMP	101+29 A - 103+12 A	618	31	14	49,383	59		
	B RAMP	104+59 B - 105+16 B	231	12	4	604	23		
	C RAMP	3+78 C - 43+57 C	14,383	720	20	14,373	1,368		
	J RAMP	7+11 J - 12+21 J	1	0	4,984	-4,983	0		
	K RAMP	108+77 K - 156+30 K	8,133	407	7,805	328	773		
	M RAMP	1+38 M - 2+78 M	274	14	46	228	27		
	N RAMP	3+73 N - 5+13 N	132	7	49	83	13		
	EB CTH PD	80+42 EB - 114+46 EB	13,903	690	165	13,736	1,311		
	WB CTH PD	79+64 WB - 114+42 WB	21,938	1,078	450	21,488	2,048		
	B S/PI	99+32 B - 104+04 B	2,530	127	196	2,334	241		
	D S/PI	102+80 D - 108+18 D	2,701	135	141	2,560	257		
	WILLIAMSBURG WAY	97+81 WW - 101+50 WW	59	3	0	59	6		
	KAPEC ROAD	62+38 KR - 64+35 KR	678	34	19	659	65		
	NESBITT ROAD	23+75 NR - 24+54 NR	412	21	1	411	40		
	POND A	876+00 VR - 887+00 VR	524	0	0	0	---		
		SUBTOTALS	220,000	10,622	20,651	98,832	20,183		
		TOTALS	230,622		20,651		20,183		

- NOTES:
- EXCAVATION COMMON IS THE SUM OF THE CUT AND EBS COLUMNS. ITEM NUMBER 205.0100.
  - THE CUT QUANTITY IS DETERMINED BY THE METHOD OF AVERAGE END AREAS FROM PROPOSED SUBGRADE OR FINISHED GROUND TO EXISTING GROUND, WITH NO CORRECTION FOR CURVATURE OR EXPANSION FACTORS. PAVEMENT MATERIAL IS INCLUDED IN CUT.
  - EBS TO BE BACKFILLED WITH SELECT CRUSHED MATERIAL. ADDITIONAL EBS SHOWN IN THE RETAINING WALL PLANS TO BE BACKFILLED WITH GRANULAR BACKFILL. RETAINING WALL EBS IS INCIDENTAL TO THE GRANULAR BACKFILL ITEM.
  - AVAILABLE STRUCTURE EXCAVATION IS FOR INFORMATION ONLY. SEE CONSTRUCTION DETAILS FOR ANTICIPATED LIMITS. LIMITS WILL VARY DEPENDING ON SHOP DRAWING DESIGN.
    - AVAILABLE STRUCTURE EXCAVATION IS INCIDENTAL TO BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LRFED/OMP".
  - ROADWAY EMBANKMENT = FILL IN ITS FINAL LOCATION, USING THE METHOD OF AVERAGE END AREAS FROM EXISTING GROUND TO PROPOSED SUBGRADE OR FINISHED GROUND, WITH NO CORRECTION FOR CURVATURE, SETTLEMENT OR EXPANSION.
  - MASS ORDNATE: MASS ORDNATE = CUT + AVAILABLE STRUCTURE EXCAVATION - ROADWAY EMBANKMENT. DOES NOT INCLUDE AN EXPANSION FACTOR. SEE NOTES 2 AND 5. THE MASS ORDNATE IS FOR INFORMATION PURPOSES ONLY AS EXCAVATION COMMON AND ROADWAY EMBANKMENT ARE NOT BALANCED FOR QUANTITY PURPOSES AND DOES NOT GUARANTEE THE QUALITY OF EXCAVATION COMMON, AND IF IT CAN BE REUSED ONSITE.
  - ALL EBS MATERIAL IS ASSUMED TO BE WASTED OFFSITE.
  - SELECT CRUSHED MATERIAL IS USED FOR BACKFILL OF EBS. SELECT CRUSHED MATERIAL = EBS X SELECT CRUSHED MATERIAL FACTOR. SELECT CRUSHED MATERIAL FACTOR = 1.9.
- \* ADDITIONAL QUANTITIES LISTED ELSEWHERE

		BASE AGGREGATE DENSE				BASE AGGREGATE DENSE				SELECT CRUSHED MATERIAL	
		305.0100	305.0120	305.0130	312.0100					305.0130	312.0100
		BASE AGGREGATE DENSE				BASE AGGREGATE DENSE				CRUSHED MATERIAL	SELECT CRUSHED MATERIAL
		3/4-INCH	1 1/4-INCH	3-INCH	3/4-INCH	1 1/4-INCH	3-INCH	3-INCH	3-INCH	TON	TON
PROJECT LOCATION	STATION	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON
0000	VERONA ROAD	888+00 WB - 90+00 KR	4,600	0	0	0	0	0	0	11,900	0
		905+00 VR - 947+50 VR	10,400	0	0	0	0	0	0	25,300	0
		SUBTOTALS	15,000	0	0	0	0	0	0	37,400	0
A RAMP	101+29 A - 103+12 A	LT/RT	0	320	0	0	0	0	0	480	0
	SUBTOTALS		0	320	0	0	0	0	0	480	0
B RAMP	104+59 B - 105+46 B	LT/RT	0	70	0	0	0	0	0	170	0
	SUBTOTALS		0	70	0	0	0	0	0	170	0
C RAMP	3+78 C - 4+27 C	LT/RT	0	130	0	0	0	0	0	170	0
	29+22 C - 43+57 C	LT/RT	0	2,850	0	0	0	0	0	5,150	0
	SUBTOTALS		0	2,980	0	0	0	0	0	5,320	0
J RAMP	7+11 J - 12+21 J	LT/RT	0	510	0	0	0	0	0	1,300	0
	SUBTOTALS		0	510	0	0	0	0	0	1,300	0
K RAMP	108+77 K - 116+09 K	LT/RT	0	860	0	0	0	0	0	2,050	0
	127+02 K - 135+30 K	LT/RT	0	1,700	0	0	0	0	0	3,350	0
	SUBTOTALS		0	2,560	0	0	0	0	0	5,400	0
M RAMP	1+38 M - 2+78 M	LT/RT	0	65	0	0	0	0	0	0	0
	SUBTOTALS		0	65	0	0	0	0	0	0	0
N RAMP	3+73 N - 5+13 N	LT/RT	0	90	0	0	0	0	0	0	0
	SUBTOTALS		0	90	0	0	0	0	0	0	0
P RAMP	7+35 P - 8+44 P	LT	0	25	0	0	0	0	0	0	0
	SUBTOTALS		0	25	0	0	0	0	0	0	0
EB CTH PD	80+12 EB - 114+49 EB	DRIVEWAYS	0	7,750	0	0	0	0	0	11,500	0
	DRIVEWAYS		0	7,750	0	0	0	0	0	11,500	0
	SUBTOTALS		0	7,750	0	0	0	0	0	11,500	0
WB CTH PD	79+64 WB - 114+12 WB	DRIVEWAYS	0	11,300	0	0	0	0	0	17,200	0
	DRIVEWAYS		0	11,300	0	0	0	0	0	17,200	0
	SUBTOTALS		0	11,300	0	0	0	0	0	17,200	0
B SPUI	99+32 B - 104+04 B	DRIVEWAYS	0	960	0	0	0	0	0	2,000	0
	DRIVEWAYS		0	960	0	0	0	0	0	2,000	0
	SUBTOTALS		0	960	0	0	0	0	0	2,000	0
D SPUI	102+80 D - 109+18 D	DRIVEWAYS	0	1,150	0	0	0	0	0	2,200	0
	DRIVEWAYS		0	1,150	0	0	0	0	0	2,200	0
	SUBTOTALS		0	1,150	0	0	0	0	0	2,200	0
WILLIAMSBURG WAY	97+82 WW - 101+71 WW	DRIVEWAYS	0	20	0	0	0	0	0	0	0
	DRIVEWAYS		0	20	0	0	0	0	0	0	0
	SUBTOTALS		0	20	0	0	0	0	0	0	0
KAPEC ROAD	62+38 KR - 64+00 KR	DRIVEWAYS	0	500	0	0	0	0	0	820	0
	DRIVEWAYS		0	500	0	0	0	0	0	820	0
	SUBTOTALS		0	500	0	0	0	0	0	820	0
NESBITT ROAD	23+75 NR - 24+61 NR	DRIVEWAYS	0	240	0	0	0	0	0	400	0
	DRIVEWAYS		0	240	0	0	0	0	0	400	0
	SUBTOTALS		0	240	0	0	0	0	0	400	0
	TOTALS (0000)		0	43,836	0	0	0	0	0	82,970	0

		BASE AGGREGATE DENSE (CONFT)				BASE AGGREGATE DENSE				SELECT CRUSHED MATERIAL	
		305.0100	305.0120	305.0130	305.0100	305.0120	305.0130	305.0130	312.0100	312.0100	312.0100
		BASE AGGREGATE DENSE				BASE AGGREGATE DENSE				CRUSHED MATERIAL	SELECT CRUSHED MATERIAL
		3/4-INCH	1 1/4-INCH	3-INCH	3/4-INCH	1 1/4-INCH	3-INCH	3-INCH	TON	TON	TON
PROJECT LOCATION	STATION	TON	TON	TON	TON	TON	TON	TON	TON	TON	TON
0060	CTH M	15+68 CM - 231+75 CM	3,250	0	0	0	0	0	0	0	0
		244+01 CM - 356+68 CM	1,800	0	0	0	0	0	0	0	0
		355+69 CM - 384+23 CM	290	0	0	0	0	0	0	0	0
		UNDISTRIBUTED	530	0	0	0	0	0	0	0	0
		TOTALS (0060)	5,870	0	0	0	0	0	0	0	0
0070	EB CTH PD	80+12 EB - 114+49 EB	0	35	0	0	0	0	0	0	0
		SUBTOTALS	0	35	0	0	0	0	0	0	0
		TOTALS (0070)	0	35	0	0	0	0	0	0	0
		GRAND TOTALS	5,870	43,877	0	0	0	0	0	82,970	0

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE DRIVEWAY

PROJECT LOCATION	STATION - STATION	LOCATION	416.0170 7-INCH SY	416.0190 9-INCH SY	416.0270 HES 7-INCH SY	416.0290 HES 9-INCH SY
0000	EB CTH PD	105+55 EB	0	0	0	20
		SUBTOTALS	0	0	0	20
	WB CTH PD	86+25 WB - 89+42 WB	0	240	0	0
		94+27 WB	0	0	45	0
		105+59 WB	0	0	0	0
		106+87 WB	30	0	0	0
		110+57 WB	0	65	0	0
		SUBTOTALS	30	240	45	0
	KAPEC ROAD	63+92 KR	0	75	0	0
		SUBTOTALS	0	75	0	0
	NESBITT ROAD	24+24 NR	20	0	0	0
		SUBTOTALS	20	0	0	0
		TOTALS	90	380	45	20

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TIE BAR AND DOWEL BAR SUMMARY

PROJECT LOCATION	STATION	STATION	STATION	LOCATION	LOCATION	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH
0000 VERONA ROAD	858+50 VR - 858+80 VR	858+80 VR	858+80 VR	RT	RT	36	36
	859+00 VR - 865+75 VR	865+75 VR	865+75 VR	RT	RT	52	148
	888+00 VR - 944+91 VR	944+91 VR	944+91 VR	RT	RT	31	31
	981+42 VR - 993+33 VR	993+33 VR	993+33 VR	RT	RT	8	8
						37	37
						38	38
						52	337
SUBTOTALS							
A RAMP	101+29 A	101+86 A	101+86 A	LT	LT	8	8
						0	19
SUBTOTALS							
B RAMP	105+17 B	105+17 B	105+17 B	LT/RT	LT/RT	0	19
SUBTOTALS							
C RAMP	4+27 C	29+22 C	43+57 C	LT/RT	LT/RT	19	14
						14	17
SUBTOTALS							
J RAMP	12+20 J	12+20 J	12+20 J	LT	LT	0	19
SUBTOTALS							
K RAMP	105+79 K	127+02 K	127+02 K	RT	LT/RT	11	14
SUBTOTALS							
M RAMP	2+16 M	2+16 M	2+16 M	LT	LT	0	13
SUBTOTALS							
N RAMP	3+88 M	3+88 M	3+88 M	LT	LT	0	16
SUBTOTALS							
EB CTH PD	97+87 EB	99+04 EB	101+09 EB	RT	RT	8	27
						19	19
SUBTOTALS							
						0	73
SUBTOTALS							
						50	60
SUBTOTALS							
						102	631

CONCRETE PAVEMENT

PROJECT LOCATION	STATION	STATION	STATION	LOCATION	LOCATION	416.1715 REPAIR SHEES SY	416.1725 REPLACEMENT SHEES SY
0000 VERONA ROAD	858+50 VR - 858+80 VR	858+80 VR	858+80 VR	LT	LT	21	238
	859+00 VR - 865+75 VR	865+75 VR	865+75 VR	RT	RT	31	238
						98	238
SUBTOTALS							
						6	24
SUBTOTALS							
						64	262

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CONCRETE PAVEMENT

PROJECT LOCATION	STATION	STATION	STATION	LOCATION	LOCATION	415.1000 10-INCH SY	415.1000 HES 10-INCH SY	415.0410 APPROACH SLAB SY	REMARKS
0000 VERONA ROAD	888+00 VR - 901+47 VR	901+47 VR	901+47 VR	RT	RT	8,090	---	79	
	893+33 VR - 902+03 VR	902+03 VR	902+03 VR	LT	LT	5,720	---	115	
	905+05 VR - 944+91 VR	944+91 VR	944+91 VR	RT	RT	25,150	---	78	
	905+59 VR - 947+98 VR	947+98 VR	947+98 VR	LT	LT	26,600	---	120	
						65,560	0	392	
SUBTOTAL									
EB CTH PD	96+00 EB - 97+87 EB	97+87 EB	97+87 EB	LT/RT	LT/RT	320	---	---	
	99+04 EB - 102+88 EB	102+88 EB	102+88 EB	RT	RT	965	---	---	
	101+32 EB - 103+27 EB	103+27 EB	103+27 EB	RT	RT	---	290	---	SEE STAGE 10B PH 2
SUBTOTAL									
						1,285	290	0	
SUBTOTAL									
WB CTH PD	97+05 WB - 103+48 WB	103+48 WB	103+48 WB	LT	LT	2,830	---	---	
SUBTOTAL									
						2,830	0	0	
SUBTOTAL									
A RAMP	101+29 A - 103+12 A	103+12 A	103+12 A	LT/RT	LT/RT	450	---	---	
SUBTOTAL									
						450	0	0	
SUBTOTAL									
B RAMP	104+59 B - 105+16 B	105+16 B	105+16 B	LT/RT	LT/RT	85	---	---	
SUBTOTAL									
						85	0	0	
SUBTOTAL									
C RAMP	3+78 C - 4+27 C	4+27 C	4+27 C	LT/RT	LT/RT	145	---	---	
	29+22 C - 43+56 C	43+56 C	43+56 C	LT/RT	LT/RT	3,790	---	---	
SUBTOTAL									
						3,935	0	0	
SUBTOTAL									
J RAMP	7+11 J - 12+21 J	12+21 J	12+21 J	LT/RT	LT/RT	1,740	---	---	
SUBTOTAL									
						1,740	0	0	
SUBTOTAL									
K RAMP	108+77 K - 105+79 K	105+79 K	105+79 K	LT/RT	LT/RT	2,440	---	---	
	127+02 K - 136+30 K	136+30 K	136+30 K	LT/RT	LT/RT	2,830	---	---	
SUBTOTAL									
						5,270	0	0	
SUBTOTAL									
M RAMP	2+16 M - 2+78 M	2+78 M	2+78 M	LT/RT	LT/RT	140	---	---	
SUBTOTAL									
						140	0	0	
SUBTOTAL									
N RAMP	3+73 N - 3+88 N	3+88 N	3+88 N	LT/RT	LT/RT	85	---	---	
SUBTOTAL									
						85	0	0	
SUBTOTAL									
B SPUI	99+32 B - 104+04 B	104+04 B	104+04 B	LT/RT	LT/RT	1,890	---	---	
SUBTOTAL									
						1,890	0	0	
SUBTOTAL									
D SPUI	102+80 D - 107+40 D	107+40 D	107+40 D	LT/RT	LT/RT	1,810	---	---	
SUBTOTAL									
						1,810	0	0	
SUBTOTAL									
						85,160	290	392	

COLD PATCH

CATEGORY	LOCATION	TON
0000	UNDISTRIBUTED	10
TOTALS		495,100.0 S

MISCELLANEOUS QUANTITIES

SHEET 521

PROJECT NO: 1206-08-77

HWY: USH 18

COUNTY: DANE

PLOT NAME :

E

Addendum No. 01  
ID 1206-08-77  
Revised Sheet 522  
November 1, 2018

ASPHALTIC ITEMS SUMMARY

PROJECT LOCATION	450.0605	460.6223	460.6424	450.4000	465.0120	SPV.0160.001
CATEGORY	TACK COAT	HMA PAVEMENT	WEATHER PAVING	HMA	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES (PARKING LOTS)	ASPHALTIC SURFACE SAFETY ISLANDS
	3 MT 58-28 S	4 MT 58-28 H				
	TON	TON	TON	TON	TON	TON
LOCATION	STATION	STATION	STATION	STATION	STATION	STATION
LT/RT	LT/RT	LT/RT	LT/RT	LT/RT	LT/RT	LT/RT
VERONA ROAD	894+78 VR - 946+10 VR	905+77 VR - 947+38 VR				580
	3,740					3,740
EB CTH PD	804+12 EB - 96+00 EB	1,070	840	95		4320
	1,070	1,070	746	92		
	1,800	2,170	1,585	187		
WB CTH PD	79+83 WB - 97+05 WB	1,660	1,120	150		
	1,660	1,220	780	100		
	750	3,080	1,900	250		
C RAMP	29+22 C - 43+57 C					855
						855
K RAMP	108+78 K - 113+48 K					280
						280
KAPEC ROAD	62+38 KR - 64+36 KR	195	145	17		
	195	145	17	17		
NESBITT ROAD	23+75 NB - 24+61 NB	97	73	9		
	97	73	9	9		
TOTALS (0000)	2,640	5,542	3,703	463	71	5,455
15+68 CM - 231+75 CM	3,700		8,330		15	
244+01 CM - 356+68 CM	2,000		4,370		16	
365+69 CM - 384+23 CM	300		690		9	
	6,000	0	13,390	0	40	0
TOTALS (0060)	6,000	0	13,390	0	40	0
GRAND TOTALS	8,640	5,542	17,093	463	111	5,455

NOTE: A UNIT WEIGHT OF 110 POUNDS PER SQUARE YARD PER INCH OF THICKNESS WAS USED TO ESTIMATE ASPHALT QUANTITIES

SHOULDER RUMBLE STRIPS

CATEGORY	PROJECT LOCATION	STATION	STATION	LOCATION	416.110	465.0400
					CONCRETE SHOULDER RUMBLE STRIPS	ASPHALTIC SHOULDER RUMBLE STRIPS
					LF	LF
0010	VERONA ROAD	854+53 VR - 869+47 VR		MED RT		1,500
		854+90 VR - 869+47 VR		MED LT		1,500
		854+74 VR - 883+52 VR		RT	2,900	
		855+31 VR - 877+23 VR		LT	3,200	
		869+47 VR - 902+00 VR		MED LT	3,200	
		869+47 VR - 901+35 VR		MED RT	3,200	
		891+42 VR - 901+44 VR		RT	1,000	
		892+87 VR - 901+87 VR		LT	900	
		905+08 VR - 962+29 VR		MED RT	5,700	
		905+74 VR - 962+29 VR		MED LT	5,700	
		911+57 VR - 949+02 VR		LT	3,800	
		913+94 VR - 931+10 VR		RT	1,700	
		936+47 VR - 946+13 VR		RT	950	
				TOTALS	32,250	3,000

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 ID 1206-08-77  
 Revised Sheet 525  
 November 1, 2018

CONCRETE BARRIER

PROJECT LOCATION	STATION - STATION	LOCATION	TYPE S42 LF	TYPE S42C LF	603.3559 TRANSITION TYPE S42 TO S56 EACH	603.1442	603.1442
0000	891+98 VR - 902+03 VR	LT/RT	945	66	---		
	905+06 VR - 948+98 VR	LT/RT	7,210	1,000	---		
	SUBTOTALS		8,155	1,066	0		
C RAMP	29+22 C - 43+57 C	LT	1,410	---	1		
	SUBTOTALS		1,410	0	1		
J RAMP	11+88 J - 12+21 J	LT	33	---	---		
	SUBTOTALS		33	0	0		
K RAMP	12+00 N - 13+48 N	RT	160	---	---		
	SUBTOTALS		160	0	0		
	TOTALS		9,748	1,066	1		

MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT)

CATEGORY	PROJECT ID	1206-08-77	618.0100.001 EACH
0010	1206-08-77	1	
	MOBILIZATION		
	PROJECT ID	618.0000	
0010	1206-08-77	1	

LANDMARK REFERENCE MONUMENTS AND ALUMINUM COVERS

CATEGORY	STATION	LOCATION	621.1200 EACH
0010	94+50 WB	6'LT	1
	94+53 WB	58'LT	1
	94+95 WB	58'LT	1
	TOTAL		3

DUST CONTROL SURFACE TREATMENT

PROJECT LOCATION	STATION - STATION	SY
0010	888+00 VR - 902+03 VR	14,000
	905+06 VR - 948+98 VR	62,000
A RAMP	96+28 A - 103+42 A	1,600
B RAMP	104+59 B - 105+36 B	230
C RAMP	3+78 C - 4+27 C	510
	29+22 C - 43+57 C	6,750
D RAMP	101+92 D - 102+34 D	40
J RAMP	7+11 J - 12+40 J	1,500
K RAMP	108+77 K - 116+09 K	2,500
K RAMP	127+02 K - 136+30 K	4,400
M RAMP	1+38 M - 2+78 M	640
N RAMP	3+73 N - 5+13 N	650
P RAMP	7+26 P - 8+45 P	400
EB CTH PD	80+42 EB - 115+28 EB	15,500
WB CTH PD	79+65 WB - 114+12 WB	23,500
B SPU1	99+32 B - 104+04 B	3,500
D SPU1	102+80 D - 108+18 D	3,250
KAPEC ROAD	62+38 KR - 64+00 KR	1,550
NESSBITT ROAD	23+75 NR - 24+61 NR	820
	TOTAL	143,340

MAINTENANCE OF PERMANENT CRASH CUSHIONS PLACED BY OTHERS

CATEGORY	LOCATION	OFFSET	SPV.0060.002 EACH
0010	891+42 VR	76'RT	1
	12+20 C	5'RT	1
	43+86 C	24'LT	1
	984+00 VR	4'LT	1
	TOTAL		4

GUARDRAIL SUMMARY

CATEGORY	STATION - STATION	LOCATION	LF	EAT EACH	614.2300 MGS GUARDRAIL TERMINAL	614.2610 MGS GUARDRAIL THRIE BEAM TRANSITION LF
0010	899+29 VR - 901+32 VR	RT	115	1		40

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 ID 1206-08-77  
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STORM SEWER PIPE REINFORCED CONCRETE (CONT)

CATEGORY	FROM STRUCTURE	TO STRUCTURE	12-INCH		15-INCH		18-INCH		24-INCH		30-INCH		36-INCH		42-INCH		48-INCH		60-INCH	
			LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
0010 (CONT)	EBB322	EBB41	70																	
	EBB351	EBB12	40																	
	EBB41	EBB402	33																	
	EBB52	EBB502	38																	
	F43921	VR1410					18													
	K4154	K4154	53																	
	VR10421	VR1030	27																	
	VR10421	VR10421	8				184													
	VR1050	VR10421					186													
	VR1054	VR1056	8																	
	VR1056	VR1050					116													
	VR1060	VR10601	14																	
	VR10601	VR10602					69													
	VR1061	VR10601	71																	
	VR10602	VR10603					70													
	VR1066	VR1066	9				120													
	VR10661	VR10661																		
	VR1067	VR1066	57																	
	VR1068	VR10681	19																	
	VR10681	VR10661					20													
	VR1069	VR1068	57																	
	VR1075	VR10751	19																	
	VR10751	VR10681					130													
	VR1076	VR10751	9																	
	VR1077	VR1076	57																	
	VR1080	VR10801	18																	
	VR10801	VR10751					150													
	VR1081	VR10801	10																	
	VR1082	VR1081	58																	
	VR1083	VR1080	58																	
	VR10851	VR10801					120													
	VR1086	VR10851	9																	
	VR1087	VR1086	62																	
	VR1090	VR10901	19																	
	VR10901	VR10851					105													
	VR1091	VR10901	51																	
	VR1092	VR1091	67																	
	VR1093	VR1090	57																	
	VR1100	VR1093					67													
	VR1101	VR1100	28																	
	VR1102	VR1101	70																	
	VR1103	VR1100	55																	
	VR1104	VR1103	57																	
	VR1105	VR11051	13																	
	VR11051	VR1101					220													
	VR11053	VR11051					45													
	VR1106	VR11051	14																	
	VR1107	VR1106	70																	
	VR1108	VR1105	61																	
	VR1110	VR11101	12																	
	VR11101	VR11201					185													
	VR1111	VR11101	12																	
	VR1112	VR1111	75																	
	VR1113	VR1113	72																	
	VR1120	VR11201	10																	
	VR11201	VR1133					180													
	VR1121	VR11201	10																	
	VR1122	VR1121	65																	
SHEET TOTALS			1510	138		1428	757	0	0	0	0	0	0	0	0	0	0	0	0	0

CONT NEXT SHEET

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STORM SEWER PIPE REINFORCED CONCRETE (CONT.)

608.0412		608.0415		608.0418		608.0424		608.0430		608.0436		608.0442		608.0412		608.2414		608.2424		
12-INCH		15-INCH		18-INCH		24-INCH		30-INCH		36-INCH		42-INCH		12-INCH		14X23-INCH		24X38-INCH		
FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	
STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE
0010	WB837	EB813	62	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(CONT.)	WB838	EB813	71	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	WB838	WB838	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	WB842	EB841	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	WB842	WB842	88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	WB843	WB842	55	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	WB843	WB843	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	WB853	EB852	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	WB854	WB853	49	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SHEET TOTALS			207	144	0	0	0	0	0	23	251	96	101	104	0	0	0	0	0	89
TOTALS			5,272	1,182	2,634	2,135														

5,272  
1,182  
2,634  
2,135

STORM SEWER TAP, ADJUSTING INLET AND MANHOLE COVERS

STRUCT. NO.	STATION	OFFSET	SPV.0060.053		611.815		611.810		520.8000	
			ADJUSTING	MANHOLE	COLLARS	CONCRETE	COVERS	FOR PIPE	EACH	EACH
0010	B4101	105+16.45B	13.5' LT	---	---	---	---	---	---	1
	C4502	4+41.00 C	13.5' RT	---	---	---	---	---	---	1
	D4069	101+86.00 D	13.5' RT	---	---	---	---	---	---	1
	E4301	128+70.00 E	3.5' LT	---	---	---	---	---	---	1
	EB623	94+17.00 EB	50.7' RT	---	---	---	---	---	---	1
	EB6270	99+18.00 EB	140.1' LT	---	---	---	---	---	---	2
	EB6273	99+09.95 EB	84.9' LT	---	---	---	---	---	---	1
	EB630	101+12.76 EB	39.6' RT	---	---	---	---	---	---	2
	EB631	101+30.00 EB	5.0' LT	---	---	---	---	---	---	1
	EB631	101+38.78 EB	1.5' LT	---	---	---	---	---	---	1
	EB633	103+35.00 EB	1.5' LT	---	---	---	---	---	---	3
	H4831	135+30.00 H	18.5' LT	---	---	---	---	---	---	1
	K4160	115+32.5 K	3.5' LT	---	---	---	---	---	---	1
	K4235	128+15.00 K	20.0' RT	---	---	---	---	---	---	1
	K4250	130+42.00 K	22.5' RT	---	---	---	---	---	---	3
	NRT05	23+75.00 NR	19.9' RT	---	---	---	---	---	---	1
	NRT08	24+09.00 NR	1.5' LT	---	---	---	---	---	---	1
	VR1030	887+97.00 VR	13.5' RT	---	---	---	---	---	---	1
	VR1031	893+32.00 VR	72.0' LT	---	---	---	---	---	---	3
	VR1500	933+55.08 VR	55.0' RT	---	---	---	---	---	---	3
	VR1510	932+22.00 VR	80.5' RT	---	---	---	---	---	---	1
	VR1320	933+48.00 VR	83.9' RT	---	---	---	---	---	---	2
	VR1330	934+53.00 VR	80.8' RT	---	---	---	---	---	---	2
	VR420	944+80.00 VR	64.9' RT	---	---	---	---	---	---	1
	VR421	944+80.00 VR	0.0' RT	---	---	---	---	---	---	1
	VR461	947+85.00 VR	6.0' LT	---	---	---	---	---	---	1
	WB6021	82+00.00 WB	39.5' LT	---	---	---	---	---	---	2
	WB6237	62+85.00 WR	18.2' RT	---	---	---	---	---	---	2
	WB632	101+54.99 WB	45.0' LT	---	---	---	---	---	---	2
TOTALS			43	1	4	44				

43  
1  
4  
44

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

RECONSTRUCTING MANHOLES

STRUCTURE NUMBER	STATION	OFFSET	EACH	APPROX. STRUCTURE SIZE (FT)	APPROX. ADDITION (+) / REMOVAL (-) HEIGHT OF STRUCTURE (FT)
0010	EB623	94+17.00EB	1	4-FT	+1.0'
	EB626	98+54.00EB	1	9-FT	+2.5'
	N4450	4+32.23N	1	9-FT	+3.5'
	NRT00	24+45.00NR	1	8-FT	+1.0'
TOTAL			4		

RECONSTRUCTING INLETS

STRUCTURE NUMBER	STATION	OFFSET	EACH	APPROX. STRUCTURE SIZE (FT)	APPROX. ADDITION (+) / REMOVAL (-) HEIGHT OF STRUCTURE (FT)
0010	VR461	947+85.00 VR	6' LT	1	2X2'
TOTAL			1		

STORM SEWER ROCK EXCAVATION

CATEGORY	STATION - STATION	LOCATION	608.0005 CY
0010	933+95 VR - 938+50 VR	LT/RT	95.9







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ID 1206-08-77  
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SAWING		EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT LOCATION	STATION - STATION	LOCATION	CATEGORY	LOCATION
0000	VERONA ROAD	858+50 VR - 858+80 VR	LT	0000	UNDISTRIBUTED
		859+00 VR - 865+75 VR	RT		
		SUBTOTALS			
				0000	UNDISTRIBUTED
					10

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

SAWING		EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT LOCATION	STATION - STATION	LOCATION	CATEGORY	LOCATION
0000	VERONA ROAD	858+50 VR - 858+80 VR	LT	0000	UNDISTRIBUTED
		859+00 VR - 865+75 VR	RT		
		SUBTOTALS			
				0000	UNDISTRIBUTED
					10

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

SAWING		EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT LOCATION	STATION - STATION	LOCATION	CATEGORY	LOCATION
0000	VERONA ROAD	858+50 VR - 858+80 VR	LT	0000	UNDISTRIBUTED
		859+00 VR - 865+75 VR	RT		
		SUBTOTALS			
				0000	UNDISTRIBUTED
					10

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

SAWING		EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT LOCATION	STATION - STATION	LOCATION	CATEGORY	LOCATION
0000	VERONA ROAD	858+50 VR - 858+80 VR	LT	0000	UNDISTRIBUTED
		859+00 VR - 865+75 VR	RT		
		SUBTOTALS			
				0000	UNDISTRIBUTED
					10

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

SAWING		EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT LOCATION	STATION - STATION	LOCATION	CATEGORY	LOCATION
0000	VERONA ROAD	858+50 VR - 858+80 VR	LT	0000	UNDISTRIBUTED
		859+00 VR - 865+75 VR	RT		
		SUBTOTALS			
				0000	UNDISTRIBUTED
					10

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

CPM PROGRESS SCHEDULE

SPV.0060.700 CPM PROGRESS SCHEDULE UPDATES AND ACCEPTED REVISIONS EACH

SPV.0060.701 CPM PROGRESS SCHEDULE UPDATES AND ACCEPTED REVISIONS EACH

CPM PROGRESS SCHEDULE

SPV.0060.700 BASELINE CPM PROGRESS SCHEDULE EACH

SPV.0060.701 CPM PROGRESS SCHEDULE UPDATES AND ACCEPTED REVISIONS EACH

PROJECT ID 1206-08-77

SAWING		EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT LOCATION	STATION - STATION	LOCATION	CATEGORY	LOCATION
0000	VERONA ROAD	858+50 VR - 858+80 VR	LT	0000	UNDISTRIBUTED
		859+00 VR - 865+75 VR	RT		
		SUBTOTALS			
				0000	UNDISTRIBUTED
					10

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

REMOVING DEPARTMENT-OWNED CONCRETE BARRIER PRECAST

SPV.0090.006 LF

REMOVING HMA PAVEMENT LONGITUDINAL JOINT MILLING

SPV.0090.002 LF

PROJECT LOCATION STATION - STATION LOCATION

0000 WB CTH PD III+23 WB - III+63 WB LT 650

0060 CTH M I5+70 CM - 231+75 CM 21,600

244+01 CM - 356+68 CM 11,250

365+69 CM - 384+23 CM 1,850

TOTAL (0060) 34,700

GRAND TOTAL 40,270

SAWING		EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT LOCATION	STATION - STATION	LOCATION	CATEGORY	LOCATION
0000	VERONA ROAD	858+50 VR - 858+80 VR	LT	0000	UNDISTRIBUTED
		859+00 VR - 865+75 VR	RT		
		SUBTOTALS			
				0000	UNDISTRIBUTED
					10

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

EXCAVATION SPECIAL		UTILITY LINE OPENING (ULO)	
CATEGORY	PROJECT ID	CATEGORY	LOCATION
0000	1206-08-77	0000	UNDISTRIBUTED

STREET SWEEPING

SPV.0075.001 HRS

PROJECT LOCATION STATION - STATION LOCATION

0000 UNDISTRIUTED 440

TOTAL (0060) 34,700

GRAND TOTAL 40,270

REMOVING DEPARTMENT-OWNED CONCRETE BARRIER PRECAST

SPV.0090.006 LF

REMOVING HMA PAVEMENT LONGITUDINAL JOINT MILLING

SPV.0090.002 LF

PROJECT LOCATION STATION - STATION LOCATION

0000 WB CTH PD III+23 WB - III+63 WB LT 650

0060 CTH M I5+70 CM - 231+75 CM 21,600

244+01 CM - 356+68 CM 11,250

365+69 CM - 384+23 CM 1,850

TOTAL (0060) 34,700

GRAND TOTAL 40,270

PROJECT NO: 1206-08-77 HWY: USH 18 COUNTY: DANE

MISCELLANEOUS QUANTITIES

FILE NAME : S:\MWD\1000--1099\1089\329\MGr\os\PLAN\0877\030333.mxd

PLOT DATE : 10/30/2018

PLOT BY : \_username\_ PLOT SCALE : \*\*.....plotescale.....\*\*

SHEET 552

REMOVING ASPHALTIC SURFACE MILLING		204.0220	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	VR STG 9C	1450	
	PD STG 100 PH1	150	
	PD STG 100 PH2	120	
	PD STG 100 PH4	1890	
	TOTAL	3,300	

REMOVING INLETS		204.0220	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 100 PH2	85+36 WB - 88+96 WB	LT
	SubTOTALS		4
	PD STG 100 PH1	97+27 EB	LT
	PD STG 100 PH4	104+46 WB - 105+42 WB	RT
	SubTOTALS		2
	PD STG 100 PH3	92+35 EB - 92+43 EB	LT
	SubTOTALS		2
	TOTALS		9

BASE AGGREGATE SUMMARY		305.0120	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 9A	100+14 EB - 100+84 EB	LT/RT
	PD STG 9B	99+35 EB - 100+20 EB	LT
	VR STG 9C	80+50 EB - 106+04 EB	LT/RT
	SubTOTALS (STAGE 9)		2,040
	PD STG 10B PH1	86+34 EB - 104+46 EB	LT/RT
	PD STG 10B PH2	104+32 EB - 104+85 EB	LT
	PD STG 10C PH1	94+72 RR - 102+37 RR	LT/RT
	PD STG 10C PH2	92+37 EB - 104+62 EB	LT
	PD STG 10C PH3	903+41 VR - 905+37 VR	LT/RT
	PD STG 10D PH1	98+25 EB - 104+03 EB	LT
	PD STG 10D PH2	93+88 EB - 94+29 EB	LT
	SubTOTALS (STAGE 10)		1,235
	TOTALS		3,275

ASPHALTIC		465.0310	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 9A	100+14 EB - 100+84 EB	LT/RT
	PD STG 9B	99+35 EB - 100+20 EB	LT
	SubTOTALS (STAGE 9)		70
	PD STG 10A	80+50 EB - 106+04 EB	LT/RT
	PD STG 10B PH1	86+34 EB - 104+46 EB	LT/RT
	PD STG 10B PH2	104+32 EB - 104+85 EB	LT
	PD STG 10C PH1	94+72 RR - 102+37 RR	LT/RT
	PD STG 10C PH2	92+37 EB - 104+62 EB	LT
	PD STG 10C PH3	903+41 VR - 905+37 VR	LT/RT
	PD STG 10D PH1	98+25 EB - 104+03 EB	LT
	PD STG 10D PH2	93+88 EB - 94+29 EB	LT
	SubTOTALS (STAGE 10)		2,505
	TOTALS		2,575

TEMPORARY CONCRETE BARRIER		603.8125	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 10A	106	
	PD STG 10B PH1	18	
	PD STG 10B PH2	1	
	PD STG 10C PH1	1	
	PD STG 10C PH2	1	
	PD STG 10D PH1	2	
	PD STG 10D PH2	1	
	SubTOTALS	124	
	TOTALS	5	

TEMPORARY CONCRETE BARRIER		603.8125	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 10A	106	
	PD STG 10B PH1	18	
	PD STG 10B PH2	1	
	PD STG 10C PH1	1	
	PD STG 10C PH2	1	
	PD STG 10D PH1	2	
	PD STG 10D PH2	1	
	SubTOTALS	124	
	TOTALS	5	

TEMPORARY CONCRETE BARRIER		603.8125	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 9A	99+31 EB - 101+72 EB	LT/RT
	PD STG 9B	98+43 WB - 100+59 WB	LT/RT
	SubTOTALS (STAGE 9)		315
	PD STG 10B P1	105+78 EB - 106+75 EB	RT
	PD STG 10B P2	102+40 EB - 106+68 EB	LT/RT
	PD STG 10C P1	102+16 EB - 106+75 EB	RT
	PD STG 10C P2	102+51 WB - 106+75 WB	LT/RT
	SubTOTALS (STAGE 10)		1,063
	TOTALS		2,113

TEMPORARY CONCRETE BARRIER		603.8125	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 9A	99+31 EB - 101+72 EB	LT/RT
	PD STG 9B	98+43 WB - 100+59 WB	LT/RT
	SubTOTALS (STAGE 9)		315
	PD STG 10B P1	105+78 EB - 106+75 EB	RT
	PD STG 10B P2	102+40 EB - 106+68 EB	LT/RT
	PD STG 10C P1	102+16 EB - 106+75 EB	RT
	PD STG 10C P2	102+51 WB - 106+75 WB	LT/RT
	SubTOTALS (STAGE 10)		1,063
	TOTALS		2,113

TEMPORARY CONCRETE BARRIER		603.8125	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 9A	99+31 EB - 101+72 EB	LT/RT
	PD STG 9B	98+43 WB - 100+59 WB	LT/RT
	SubTOTALS (STAGE 9)		315
	PD STG 10B P1	105+78 EB - 106+75 EB	RT
	PD STG 10B P2	102+40 EB - 106+68 EB	LT/RT
	PD STG 10C P1	102+16 EB - 106+75 EB	RT
	PD STG 10C P2	102+51 WB - 106+75 WB	LT/RT
	SubTOTALS (STAGE 10)		1,063
	TOTALS		2,113

Addendum No. 01  
ID 1206-08-77  
Revised Sheet 571  
November 1, 2018

BASE AGGREGATE SUMMARY		305.0120	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 9A	100+14 EB - 100+84 EB	LT/RT
	PD STG 9B	99+35 EB - 100+20 EB	LT
	VR STG 9C	80+50 EB - 106+04 EB	LT/RT
	SubTOTALS (STAGE 9)		2,040
	PD STG 10B PH1	86+34 EB - 104+46 EB	LT/RT
	PD STG 10B PH2	104+32 EB - 104+85 EB	LT
	PD STG 10C PH1	94+72 RR - 102+37 RR	LT/RT
	PD STG 10C PH2	92+37 EB - 104+62 EB	LT
	PD STG 10C PH3	903+41 VR - 905+37 VR	LT/RT
	PD STG 10D PH1	98+25 EB - 104+03 EB	LT
	PD STG 10D PH2	93+88 EB - 94+29 EB	LT
	SubTOTALS (STAGE 10)		1,235
	TOTALS		3,275

TEMPORARY CONCRETE BARRIER		603.8125	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 10A	106	
	PD STG 10B PH1	18	
	PD STG 10B PH2	1	
	PD STG 10C PH1	1	
	PD STG 10C PH2	1	
	PD STG 10D PH1	2	
	PD STG 10D PH2	1	
	SubTOTALS	124	
	TOTALS	5	

TEMPORARY CONCRETE BARRIER		603.8125	
CATEGORY	STAGE	STATION - STATION	LOCATION
0000	PD STG 10A	106	
	PD STG 10B PH1	18	
	PD STG 10B PH2	1	
	PD STG 10C PH1	1	
	PD STG 10C PH2	1	
	PD STG 10D PH1	2	
	PD STG 10D PH2	1	
	SubTOTALS	124	
	TOTALS	5	

CATEGORY	TEMPORARY MARKING LINE SUMMARY																										
	646.1020		646.3020		646.6120		646.7120		646.7405		646.7420		649.0160		649.0250		649.0305		649.0205		649.0805		649.0850				
	MARKING LINE	4-INCH	MARKING LINE	8-INCH	STOP MARKING	DIAGONAL	EPOXY	12-INCH	PAINT CROSSWALK	TRANSVERSE	LINE	6-INCH	LINE	6-INCH	WHITE	(2) SEG.	(2) SEG.	(2) SEG.	(2) SEG.	(2) SEG.	(2) SEG.	(2) SEG.	(2) SEG.	(2) SEG.	(2) SEG.		
0000	VR STG 9 CONC PAVT REPAIRS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	PD STG 9A	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	PD STG 9B	405	880	88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	2019 WINTER SHUTDOWN	145	650	85	57	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	SUBTOTALS (STAGE 9)	550	1540	173	57	345	36	25	0	65	205	495	61	47	0	200	29	150	0	0	0	0	0	0	0	13	
	PD STG 00B PH1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	PD STG 00B PH2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	PD STG 00C PH1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	PD STG 00C PH2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	PD STG 00C PH3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	PD STG 00D PH1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	PD STG 00D PH2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	PD STG 00D PH3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	PD STG 00D PH4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	SUBTOTALS (STAGE 0D)	0	0	0	0	0	0	0	742	0	6,035	5,125	108	616	1,070	3,555	20,445	173	12,620	484	2,875	3,860	20	452	344		
	TOTALS (0000)	2,320	---	---	---	---	---	---	742	65	---	14,372	---	---	3,755	---	69,450	---	36,776	---	---	3,880	---	452	357		
	CTH M	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	TOTALS (0060)	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	GRAND TOTALS	2,320	---	---	---	---	---	---	742	65	---	14,372	---	---	3,755	---	106,226	---	36,776	---	---	3,880	---	452	357		

\* ADDITIONAL QUANTITIES LISTED ELSEWHERE

TEMPORARY PAVEMENT MARKING											
CATEGORY	STAGE	LOCATION	PAINT		EPOXY		REMOVABLE TAPE				
			EACH	EACH	EACH	EACH					
0000	PD STG 9B	EB CTH PD	---	---	2	2	---	---			
		WB CTH PD	---	---	4	---	---	---			
		(SUBTOTAL STAGE 9)	0	---	6	2	---	---			
0000	PD STG 00B PH1	WB CTH PD	6	---	---	---	---	---			
		WB CTH PD	6	---	---	---	---	---			
		(SUBTOTAL STAGE 0D)	12	---	0	0	---	---			
	TOTALS		12	---	6	2	---	---			

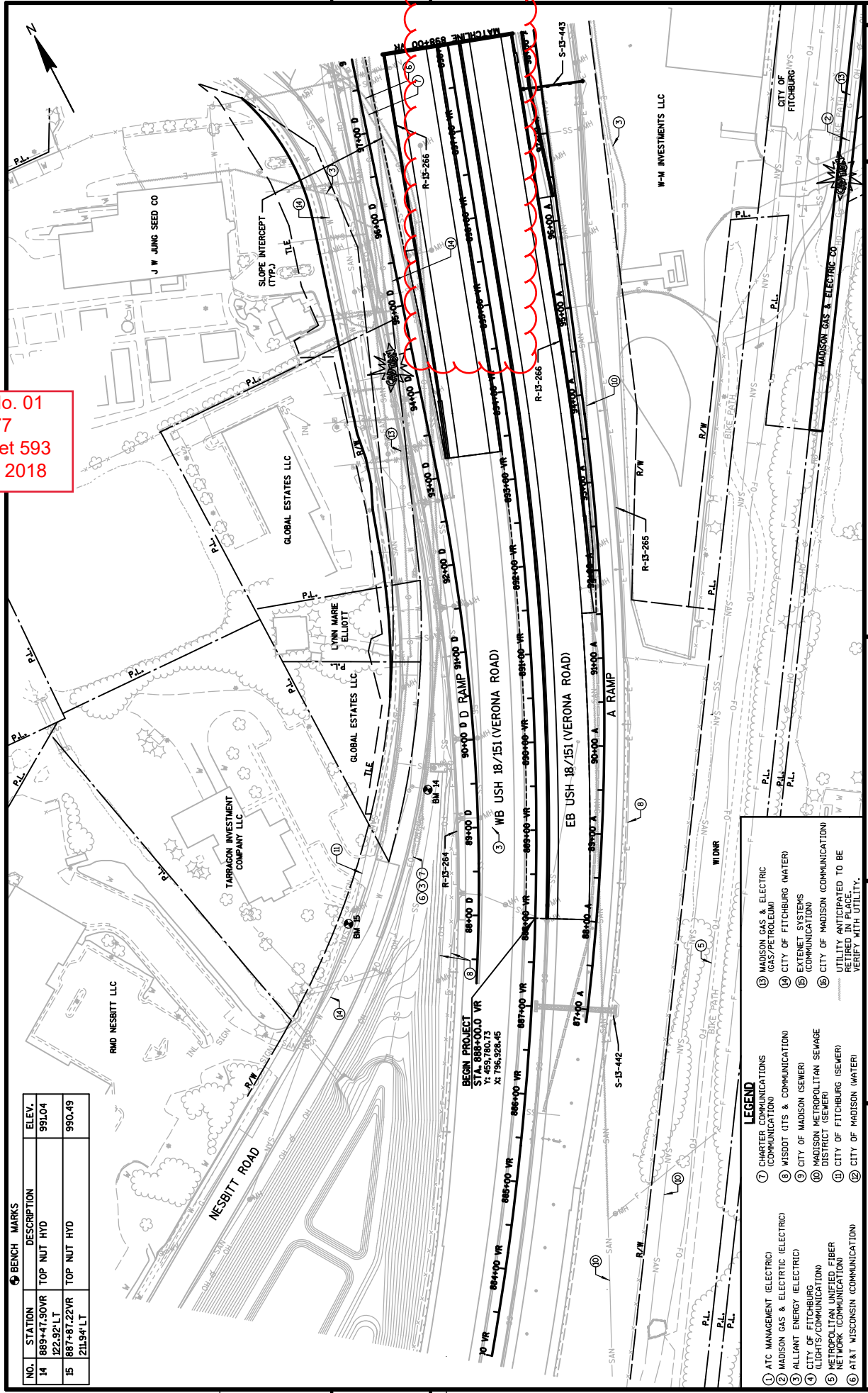
TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE

CATEGORY LOCATION PROJECT

0000 PROJECT 437

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 575  
 November 1, 2018

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 593  
 November 1, 2018



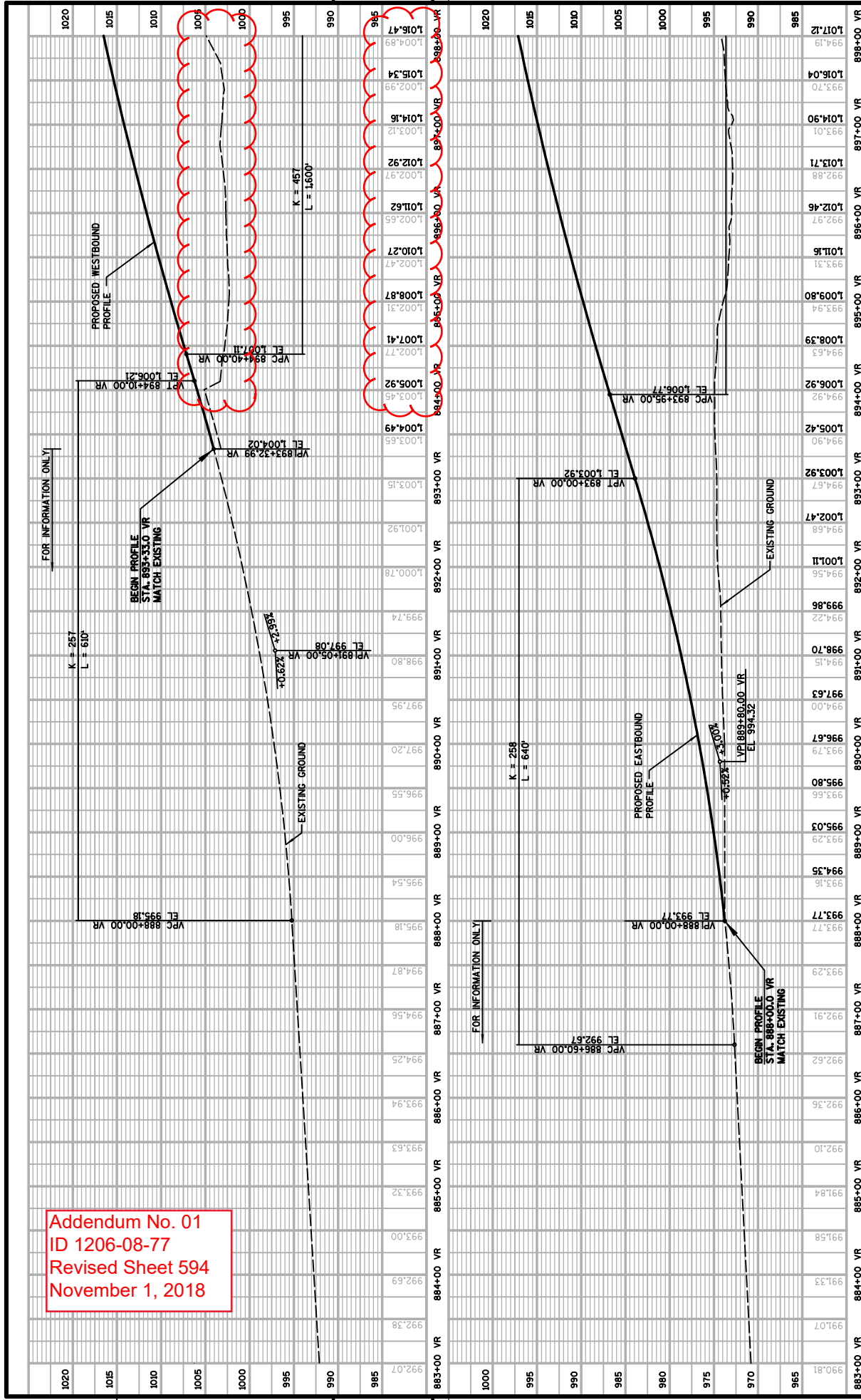
BENCH MARKS		
NO.	STATION	ELEV.
14	889+47.90VR TOP NUT HYD	991.04
	122.92'LT	
15	887+87.22VR TOP NUT HYD	990.49
	211.94'LT	

- LEGEND**
- ① ATC MANAGEMENT (ELECTRIC)
  - ② MADISON GAS & ELECTRIC (ELECTRIC)
  - ③ ALLIANT ENERGY (ELECTRIC)
  - ④ CITY OF FITCHBURG (LIGHTS/COMMUNICATION)
  - ⑤ METROPOLITAN UNIFIED FIBER NETWORK (COMMUNICATION)
  - ⑥ AT&T WISCONSIN (COMMUNICATION)
  - ⑦ CHARTER COMMUNICATIONS (COMMUNICATION)
  - ⑧ WISDOT (ITS & COMMUNICATION)
  - ⑨ CITY OF MADISON (SEWER)
  - ⑩ MADISON METROPOLITAN SEWAGE DISTRICT (SEWER)
  - ⑪ CITY OF FITCHBURG (SEWER)
  - ⑫ CITY OF MADISON (WATER)
  - ⑬ MADISON GAS & ELECTRIC (GAS/PETROLEUM)
  - ⑭ CITY OF FITCHBURG (WATER)
  - ⑮ EXTENET SYSTEMS (COMMUNICATION)
  - ⑯ CITY OF MADISON (COMMUNICATION)
  - ⑰ UTILITY ANTICIPATED TO BE RETIRED IN PLACE. VERIFY WITH UTILITY.

**PROJECT NO: 1206-08-77**      **HWY: USH 18**      **COUNTY: DANE**      **PLAN - USH 18/151 (VERONA ROAD) (VR)**      **SHEET 593**

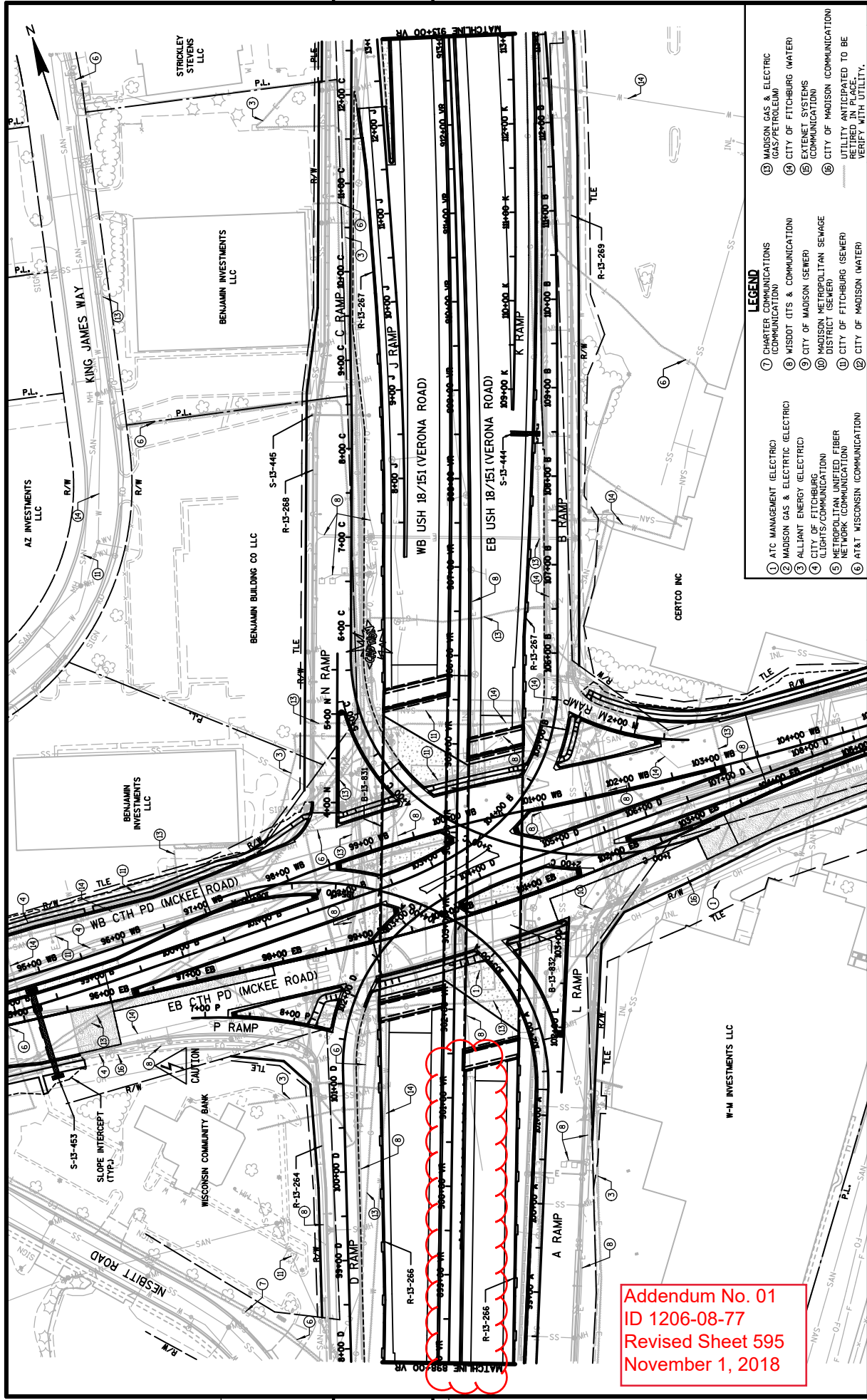
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Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 594  
 November 1, 2018



Station	Proposed Elevation (ft)	Existing Elevation (ft)
883+00	992.07	992.07
884+00	992.38	992.38
885+00	992.69	992.69
886+00	993.00	993.00
887+00	993.32	993.32
888+00	993.63	993.63
889+00	993.94	993.94
890+00	994.25	994.25
891+00	994.56	994.56
892+00	994.87	994.87
893+00	995.18	995.18
894+00	995.49	995.49
895+00	995.80	995.80
896+00	996.11	996.11
897+00	996.42	996.42
898+00	996.73	996.73
899+00	997.04	997.04
900+00	997.35	997.35
901+00	997.66	997.66
902+00	997.97	997.97
903+00	998.28	998.28
904+00	998.59	998.59
905+00	998.90	998.90
906+00	999.21	999.21
907+00	999.52	999.52
908+00	999.83	999.83
909+00	1000.14	1000.14
910+00	1000.45	1000.45
911+00	1000.76	1000.76
912+00	1001.07	1001.07
913+00	1001.38	1001.38
914+00	1001.69	1001.69
915+00	1002.00	1002.00
916+00	1002.31	1002.31
917+00	1002.62	1002.62
918+00	1002.93	1002.93
919+00	1003.24	1003.24
920+00	1003.55	1003.55
921+00	1003.86	1003.86
922+00	1004.17	1004.17
923+00	1004.48	1004.48
924+00	1004.79	1004.79
925+00	1005.10	1005.10
926+00	1005.41	1005.41
927+00	1005.72	1005.72
928+00	1006.03	1006.03
929+00	1006.34	1006.34
930+00	1006.65	1006.65
931+00	1006.96	1006.96
932+00	1007.27	1007.27
933+00	1007.58	1007.58
934+00	1007.89	1007.89
935+00	1008.20	1008.20
936+00	1008.51	1008.51
937+00	1008.82	1008.82
938+00	1009.13	1009.13
939+00	1009.44	1009.44
940+00	1009.75	1009.75
941+00	1010.06	1010.06
942+00	1010.37	1010.37
943+00	1010.68	1010.68
944+00	1010.99	1010.99
945+00	1011.30	1011.30
946+00	1011.61	1011.61
947+00	1011.92	1011.92
948+00	1012.23	1012.23
949+00	1012.54	1012.54
950+00	1012.85	1012.85
951+00	1013.16	1013.16
952+00	1013.47	1013.47
953+00	1013.78	1013.78
954+00	1014.09	1014.09
955+00	1014.40	1014.40
956+00	1014.71	1014.71
957+00	1015.02	1015.02
958+00	1015.33	1015.33
959+00	1015.64	1015.64
960+00	1015.95	1015.95
961+00	1016.26	1016.26
962+00	1016.57	1016.57
963+00	1016.88	1016.88
964+00	1017.19	1017.19
965+00	1017.50	1017.50
966+00	1017.81	1017.81
967+00	1018.12	1018.12
968+00	1018.43	1018.43
969+00	1018.74	1018.74
970+00	1019.05	1019.05
971+00	1019.36	1019.36
972+00	1019.67	1019.67
973+00	1019.98	1019.98
974+00	1020.29	1020.29
975+00	1020.60	1020.60
976+00	1020.91	1020.91
977+00	1021.22	1021.22
978+00	1021.53	1021.53
979+00	1021.84	1021.84
980+00	1022.15	1022.15
981+00	1022.46	1022.46
982+00	1022.77	1022.77
983+00	1023.08	1023.08
984+00	1023.39	1023.39
985+00	1023.70	1023.70
986+00	1024.01	1024.01
987+00	1024.32	1024.32
988+00	1024.63	1024.63
989+00	1024.94	1024.94
990+00	1025.25	1025.25
991+00	1025.56	1025.56
992+00	1025.87	1025.87
993+00	1026.18	1026.18
994+00	1026.49	1026.49
995+00	1026.80	1026.80

PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 PROFILE - USH 18/151 (VERONA ROAD) (VR)  
 SHEET 594  
 PLOT DATE: 10/22/2018  
 PLOT BY: \_user\_



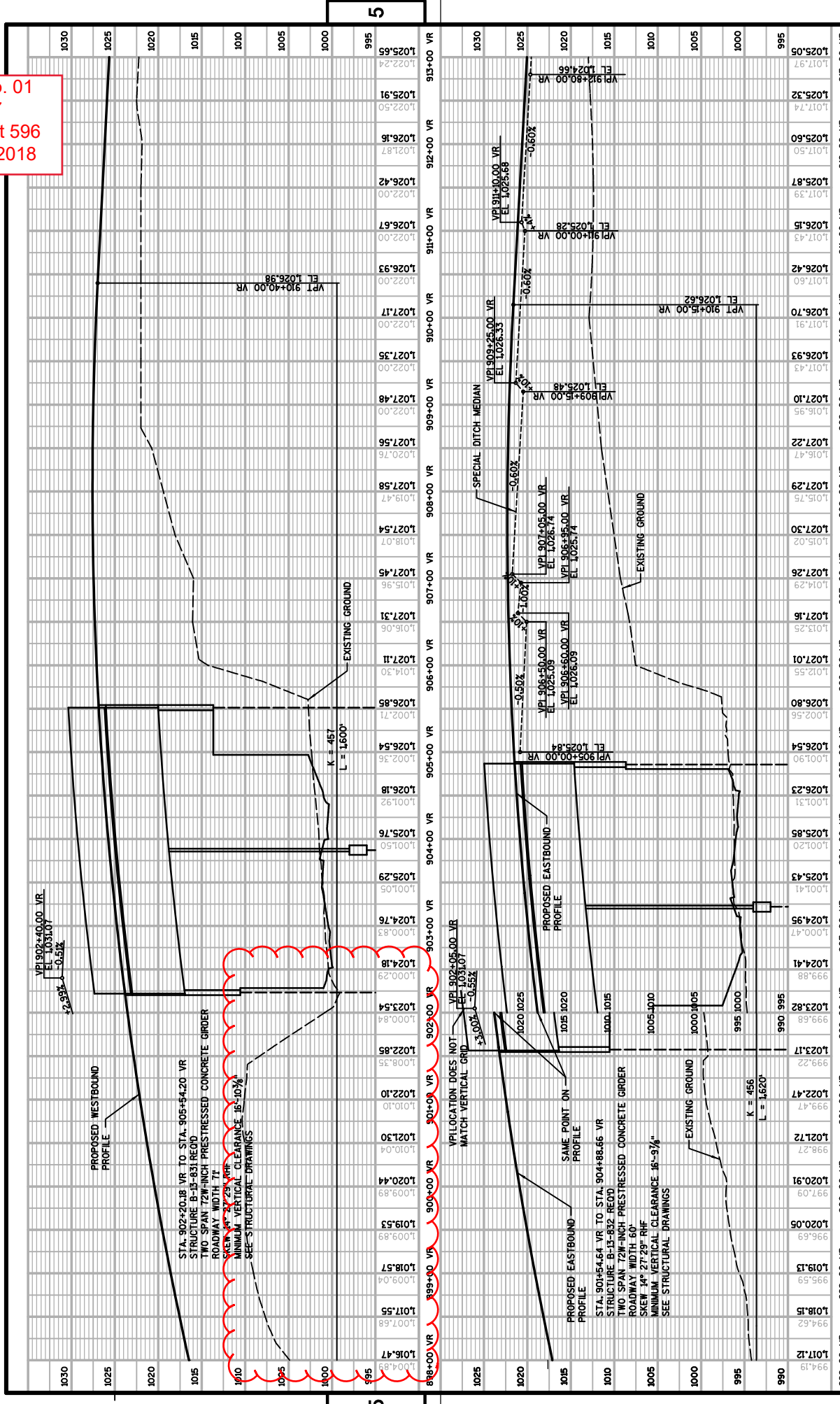
**LEGEND**

① ATC MANAGEMENT (ELECTRIC)	⑦ CHARTER COMMUNICATIONS (COMMUNICATION)	⑬ MADISON GAS & ELECTRIC (GAS/PETROLEUM)
② MADISON GAS & ELECTRIC (ELECTRIC)	⑧ WISDOT (ITS & COMMUNICATION)	⑭ CITY OF FITCHBURG (WATER)
③ ALLIANT ENERGY (ELECTRIC)	⑨ CITY OF MADISON (SEWER)	⑮ EXTENET SYSTEMS (COMMUNICATION)
④ CITY OF FITCHBURG (LIGHTS/COMMUNICATION)	⑩ MADISON METROPOLITAN SEWAGE DISTRICT (SEWER)	⑯ CITY OF MADISON (COMMUNICATION)
⑤ METROPOLITAN UNIFIED FIBER NETWORK (COMMUNICATION)	⑪ CITY OF FITCHBURG (SEWER)	⑰ UTILITY ANTICIPATED TO BE RETIRED IN PLACE. VERIFY WITH UTILITY.
⑥ AT&T WISCONSIN (COMMUNICATION)	⑫ CITY OF MADISON (WATER)	⑱ CITY OF MADISON (WATER)

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 595  
 November 1, 2018



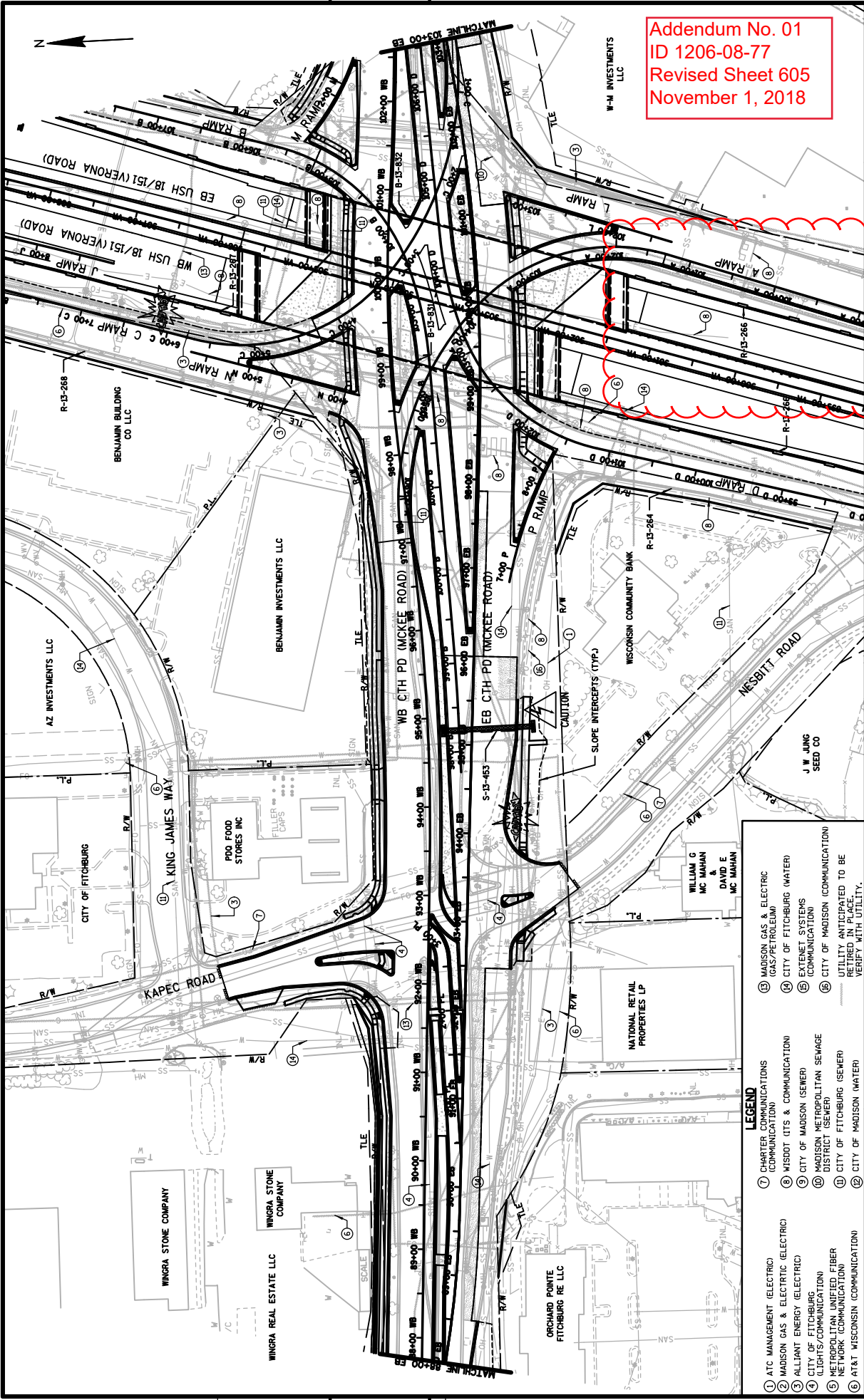
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 596  
 November 1, 2018



**PROJECT NO: 1206-08-77**      **HWY: USH 18**      **COUNTY: DANE**      **PROFILE - USH 18/151 (VERONA ROAD) (VR)**      **SHEET 596**

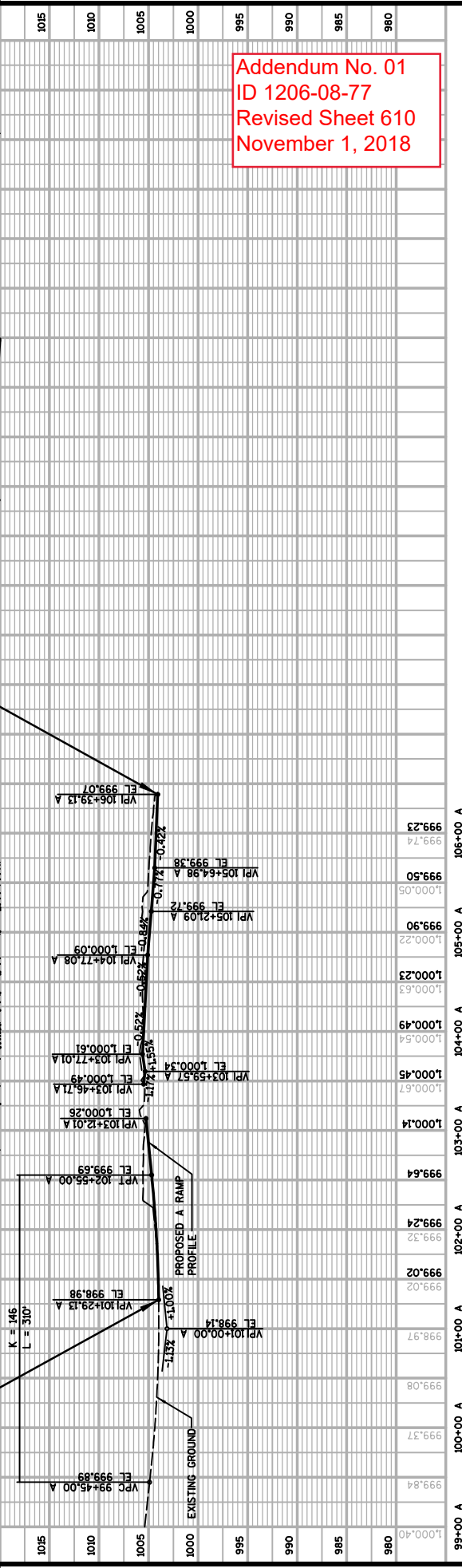
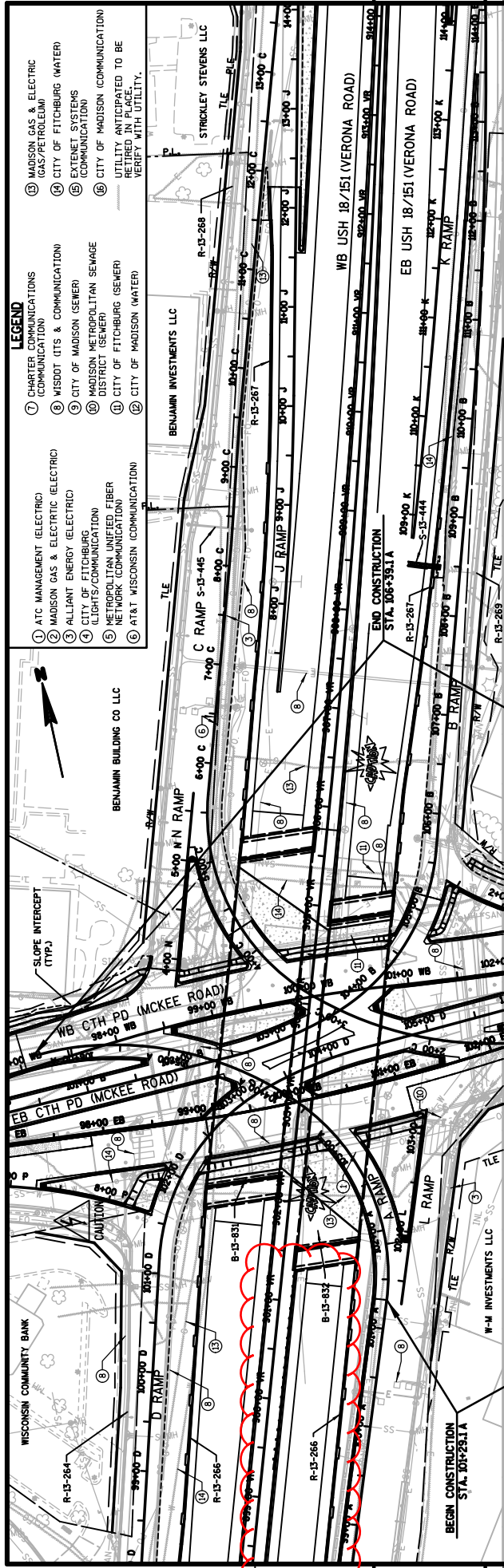
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Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 605  
 November 1, 2018



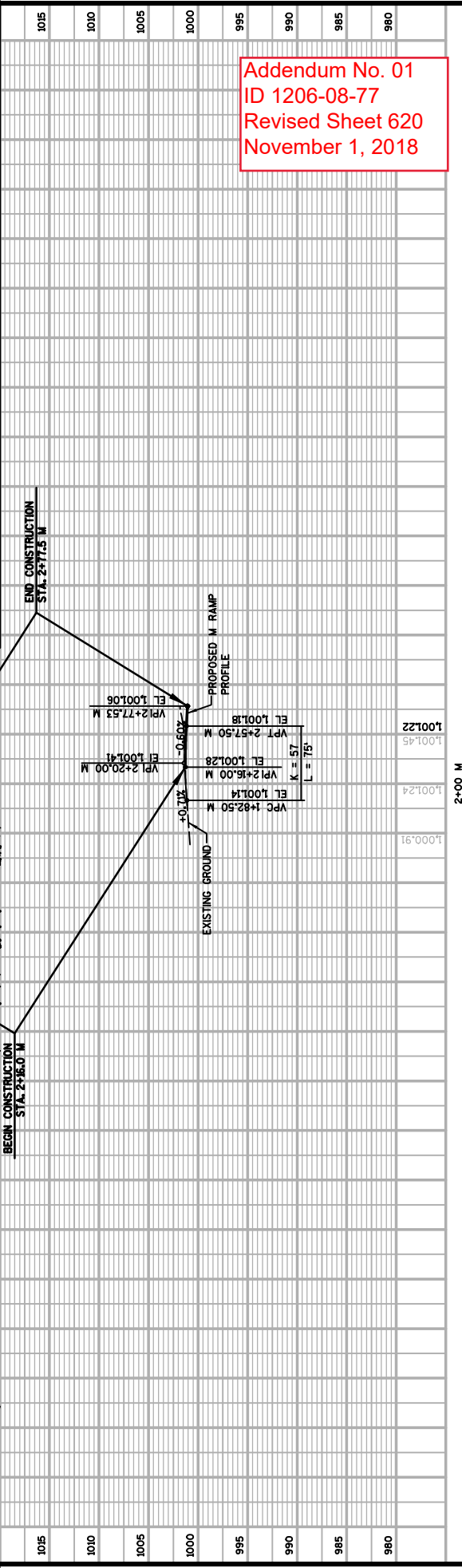
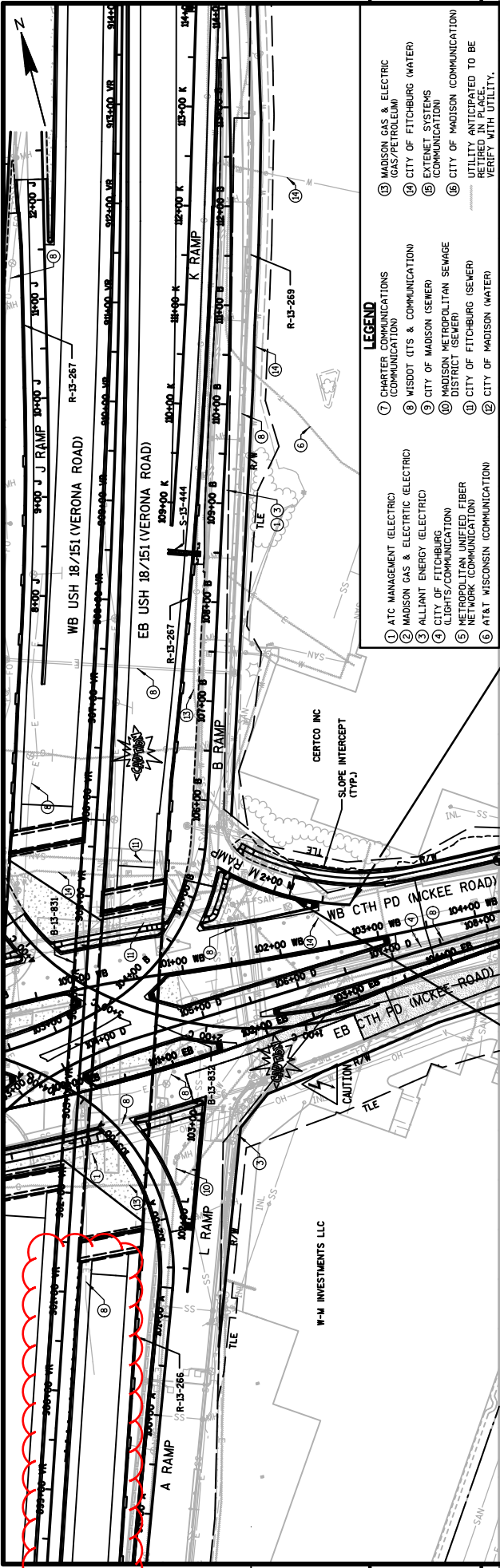
**LEGEND**

① ATC MANAGEMENT (ELECTRIC) (COMMUNICATION)	⑬ MADISON GAS & ELECTRIC (GAS/PETROLEUM)
② MADISON GAS & ELECTRIC (ELECTRIC)	⑭ CITY OF FITCHBURG (WATER)
③ ALLIANT ENERGY (ELECTRIC) (LIGHTS/COMMUNICATION)	⑮ EXTENET SYSTEMS (COMMUNICATION)
④ CITY OF FITCHBURG (SEWER) (METROPOLITAN SEWAGE DISTRICT (SEWER))	⑯ CITY OF MADISON (COMMUNICATION)
⑤ METROPOLITAN UNIFIED FIBER NETWORK (COMMUNICATION)	⑰ UTILITY ANTICIPATED TO BE RETIRED IN PLACE. VERIFY WITH UTILITY.
⑥ AT&T WISCONSIN (COMMUNICATION)	⑱ CITY OF MADISON (WATER)

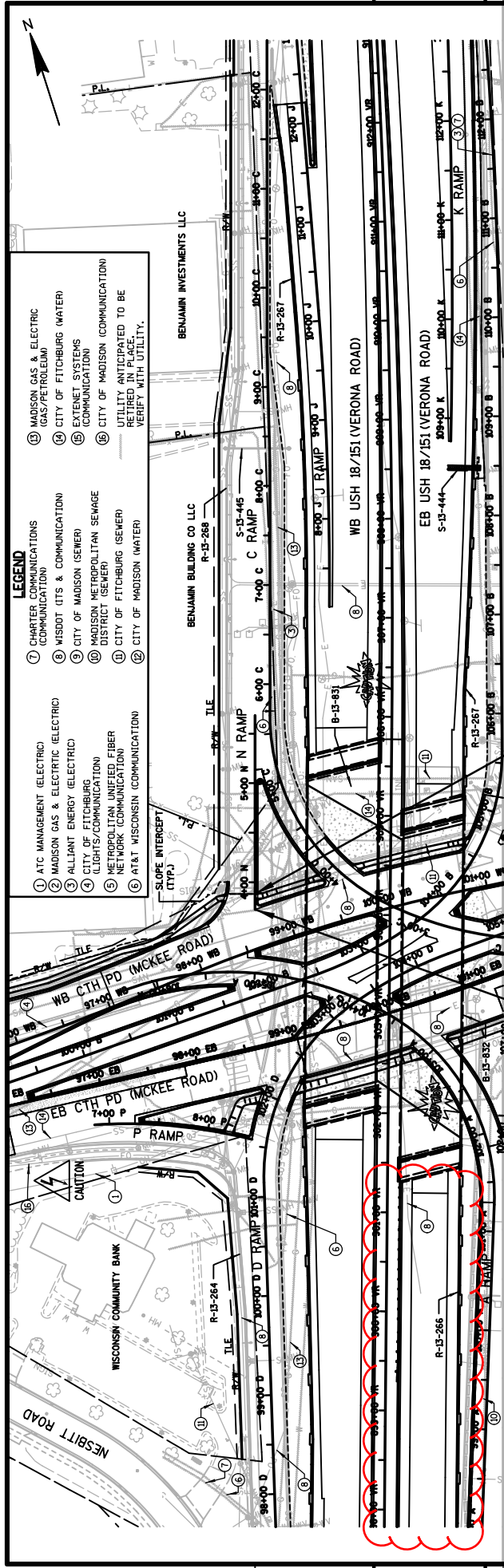


Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 610  
 November 1, 2018

- LEGEND**
- ① QUARTER SECTION (COMMUNICATION)
  - ② MADISON GAS & ELECTRIC (GAS/PETROLEUM)
  - ③ CITY OF FITCHBURG (WATER)
  - ④ EXTENET SYSTEMS (COMMUNICATION)
  - ⑤ CITY OF MADISON (COMMUNICATION)
  - ⑥ CITY OF MADISON (COMMUNICATION)
  - ⑦ CITY OF FITCHBURG (SEWER)
  - ⑧ CITY OF MADISON (COMMUNICATION)
  - ⑨ CITY OF FITCHBURG (SEWER)
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  - ① ATC MANAGEMENT (ELECTRIC)
  - ② MADISON GAS & ELECTRIC (ELECTRIC)
  - ③ ALLIANT ENERGY (ELECTRIC)
  - ④ CITY OF FITCHBURG (LIGHTS/COMMUNICATION)
  - ⑤ METROPOLITAN UNION TELEPHONE (COMMUNICATION)
  - ⑥ AT&T WISCONSIN (COMMUNICATION)
  - ⑦ QUARTER SECTION (COMMUNICATION)
  - ⑧ WISDOT (ITS & COMMUNICATION)
  - ⑨ CITY OF MADISON (SEWER)
  - ⑩ MADISON METROPOLITAN SEWAGE DISTRICT (SEWER)
  - ⑪ CITY OF FITCHBURG (SEWER)
  - ⑫ CITY OF MADISON (COMMUNICATION)
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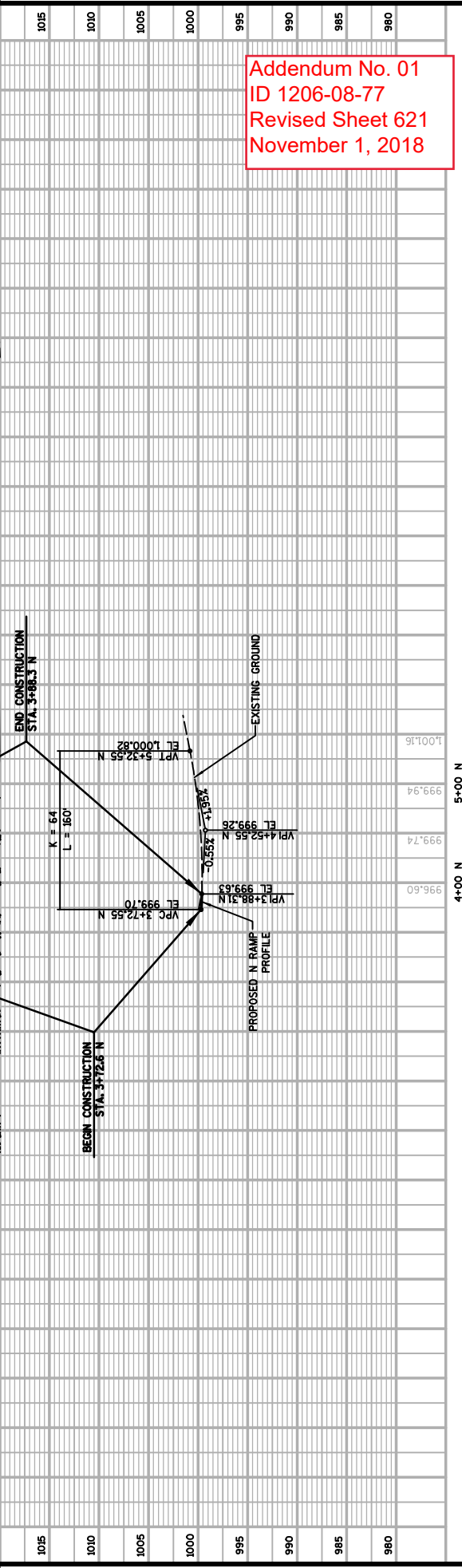


Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 620  
 November 1, 2018



- LEGEND**
- ① ATC MANAGEMENT (ELECTRIC)
  - ② MADISON GAS & ELECTRIC (ELECTRIC)
  - ③ ALLIANT ENERGY (ELECTRIC)
  - ④ CITY OF FITCHBURG (LIGHTS/COMMUNICATION)
  - ⑤ METROPOLITAN UNIFIED FIBER NETWORK (COMMUNICATION)
  - ⑥ AT&T WISCONSIN (COMMUNICATION)
  - ⑦ CHARTER COMMUNICATIONS (COMMUNICATION)
  - ⑧ MADISON GAS & ELECTRIC (ELECTRIC)
  - ⑨ ALLIANT ENERGY (ELECTRIC)
  - ⑩ CITY OF FITCHBURG (LIGHTS/COMMUNICATION)
  - ⑪ METROPOLITAN UNIFIED FIBER NETWORK (COMMUNICATION)
  - ⑫ AT&T WISCONSIN (COMMUNICATION)
  - ⑬ MADISON GAS & ELECTRIC (GAS/PETROLEUM)
  - ⑭ CITY OF FITCHBURG (WATER)
  - ⑮ EXTENET SYSTEMS (COMMUNICATION)
  - ⑯ CITY OF MADISON (COMMUNICATION)
  - ⑰ CITY OF FITCHBURG (COMMUNICATION)
- UTILITY ANTICIPATED TO BE REQUIRED IN PLACE VERIFIED WITH UTILITY.

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 621  
 November 1, 2018

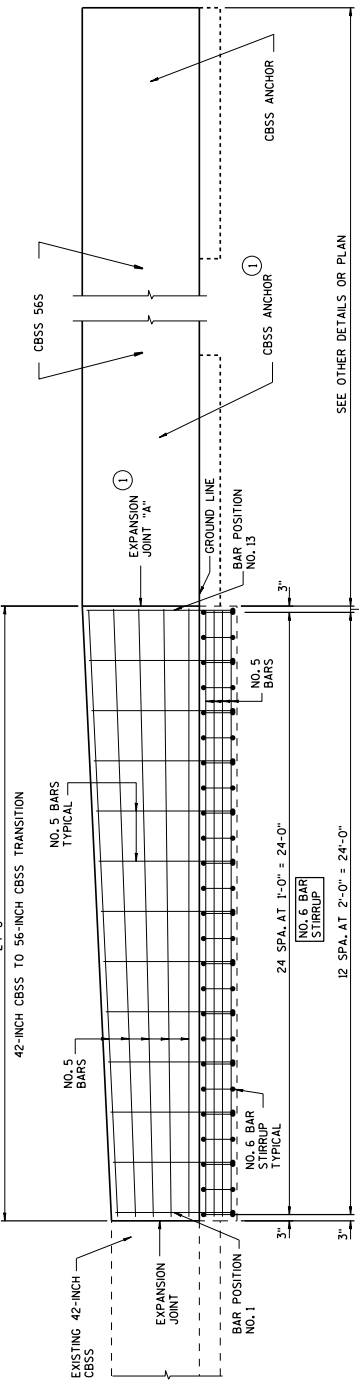


**PROJECT NO: 1206-08-77**      **HWY: USH 18**      **COUNTY: DANE**      **PLAN & PROFILE - N RAMP (N)**      **SHEET 621**

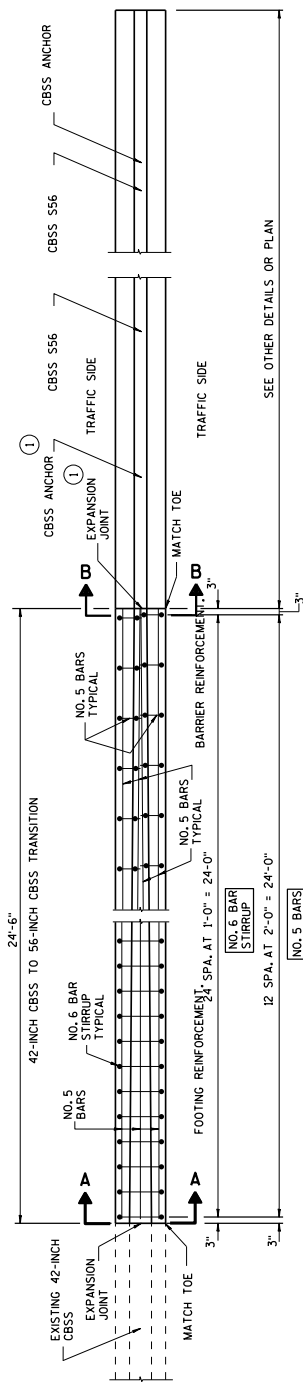
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**GENERAL NOTES**

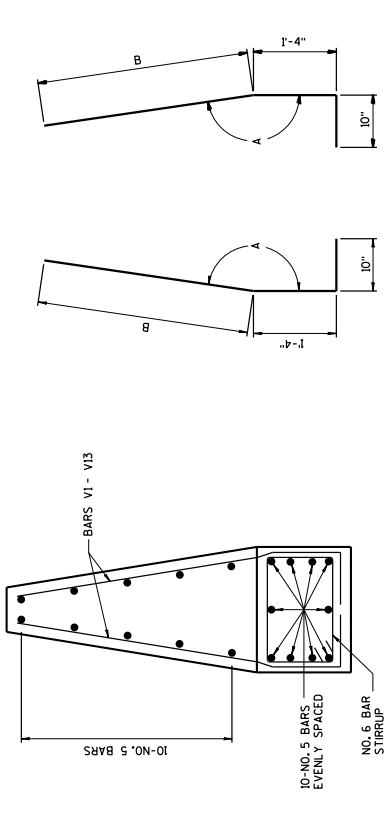
- CONSTRUCT PER STANDARD SPECIFICATION 603.
- SPLICES OF LONGITUDINAL BARS TO BE 2' LONG AND FIRMLY TIED AND FASTENED TOGETHER UNLESS NOTED OTHERWISE.
- 4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD SPECIFICATIONS 501.
- USE  $\frac{3}{4}$ " BEVEL OR 1" RADIUS ON ALL EXPOSED SHARP EDGES UNLESS NOTED OTHERWISE.
- 2" CLEAR COVER TYPICAL.
- EXPANSION JOINT "A" MAY BE REPLACED WITH A COLD-JOINT PROVIDED THAT 3 FEET OF LAP OF LONGITUDINAL STEEL IS PROVIDED, IF COLD-JOINT IS USED ANCHOR NOT REQUIRED.



**ELEVATION VIEW**



**PLAN VIEW**

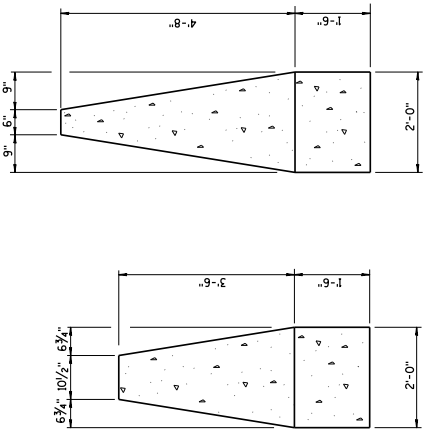


**BAR BENDING DETAIL FOR BARS V1 - V13**

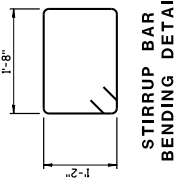
**BAR CHART SECTIONS V1 - V13**

BAR	A	B
V1	170°-50'	3'-4 1/2"
V2	170°-50'	3'-6"
V3	170°-55'	3'-7"
V4	17°	3'-8"
V5	170°-55'	3'-9 1/2"
V6	170°-50'	3'-10 1/2"
V7	170°-50'	3'-11 1/2"

BAR	A	B
V8	170°-55'	4'-0 1/2"
V9	170°-50'	4'-2"
V10	170°-50'	4'-3"
V11	170°-50'	4'-4 1/2"
V12	170°-55'	4'-5 1/2"
V13	170°-50'	4'-6 1/2"



**Addendum No. 01  
D 1206-08-77  
Added Sheet 740A  
November 1, 2018**



**STIRRUP BAR BENDING DETAIL**

**42-INCH SINGLE SLOPE CONCRETE BARRIER TO 56-INCH SINGLE SLOPE CONCRETE BARRIER HEIGHT TRANSITION**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
APPROVED  
DATE 6-3-2018  
ENGINEER  
ROADWAY STAFFORD DEVELOPMENT  
P/WA

**Addendum No. 01  
ID 1206-08-77  
Revised Sheet 983  
November 1, 2018**

STATE PROJECT NUMBER  
**1206-08-77**

**TOTAL ESTIMATED QUANTITIES**  
ALL ITEMS ARE CATEGORY 0040, UNLESS NOTED.

QUANTITY	BID ITEM	UNIT	TOTALS
209.2100	BACKFILL GRANULAR GRADE 2	CY	5,734
502.3200	PROTECTIVE SURFACE TREATMENT	SY	122
502.3200	PIGMENTED SURFACE SEALER	SY	630
504.0500	CONCRETE MASONRY RETAINING WALLS	CY	874
505.0600	BAR STEEL REINFORCEMENT FOR CAST STRUCTURES	LB	103,110
511200.0003	TEMPORARY SHORING R-13-266	SF	1,900
513.8016.001	RAILING STEEL PEDESTRIAN TYPE C3 R-13-266	SF	185
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	30,517
517.1010.S.003	CONCRETE STAINING STRUCTURE R-13-266	SF	20,320
517.1050.S.003	ARCHITECTURAL SURFACE TREATMENT STRUCTURE R-13-266	SF	20,320
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	140
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	140
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	420
652.0225	JUNCTION BOXES 18X24X6-INCH	EACH	3
657.6005	ANCHOR ASSEMBLIES LIGHT POLES ON STRUCTURES	EACH	3
SPV.085.300	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH, R-13-266	SF	24,180
	FILLER	SIZE	3/4" & 1"

**GENERAL NOTES**

DRAWINGS SHALL NOT BE SCALED.  
B.F. = BACK FACE  
F.F. = FRONT FACE

BEVEL EXPOSED EDGES OF CONCRETE 3/4-INCH, UNLESS NOTED OTHERWISE.

ALL DIMENSIONS, STATIONS AND OFFSETS ARE GIVEN AT THE FRONT FACE OF THE WALL, UNLESS OTHERWISE SHOWN.

APPLY ORIENTED SURFACE SEALER TO THE TOP ENDS AND ROADWAY FACES OF PARAPET. APPLY PROTECTIVE SURFACE TREATMENT TO THE EXPOSED SURFACE OF THE ANCHOR SLAB. SEE SHT. 14.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.

ALL BAR STEEL REINFORCEMENT IN CAST IN PLACE CONCRETE IS TO BE EPOXY COATED.

A NAME PLATE SHALL BE PLACED AS DIRECTED BY THE ENGINEER. NAME PLATE TO BE PLACED ON PARAPET, SEE SHT. 5 FOR DETAILS.

A GEOTECHNICAL REPORT HAS BEEN PREPARED FOR THIS STRUCTURE AND IS AVAILABLE UPON REQUEST FROM WISDOT'S SW REGION OFFICE.

THE PLAN QUANTITY FOR THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH, R-13-266" IS BASED ON WALL HEIGHT MEASURED FROM THE TOP OF WALL TO A CONSTANT DEPTH OF 45 FEET BELOW FINISHED GROUND.

THE QUANTITY OF CONCRETE MASONRY FOR THE ANCHOR SLAB COPING AND PARAPETS IS INCLUDED WITH THE ITEM "CONCRETE MASONRY RETAINING WALLS". THE STANDARD COPING IN FRONT OF THE ABUTMENT, INCLUDING REINFORCEMENT, IS INCLUDED WITH THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH, R-13-266".

PLASTER SHALL BE CAST AS A ONE PIECE CHANNEL SECTION.

THE PLANS AND DETAILS ARE BASED ON A NOMINAL PRECAST WIDTH OF 10'-0". IF THE FABRICATED PANEL SIZES DIFFER FROM PLAN DIMENSIONS, CONTRACTOR IS RESPONSIBLE TO REVISION THE PLANS AND DETAILS TO REFLECT THE ACTUAL PANEL SIZES. CONTRACTOR SHALL LOCATIONS AND ANY OTHER REVISIONS ASSOCIATED WITH USING A DIFFERENT PANEL SIZE.

THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED WALL PANEL THICKNESS OF 9 INCHES AND A PANEL EMBEDMENT OF 3 INCHES. FOR PANEL THICKNESS AND EMBEDMENT REVISIONS, CONTRACTOR SHALL REVISION THE PLANS AND DETAILS TO REFLECT THE ACTUAL WALL PANEL THICKNESS AND EMBEDMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

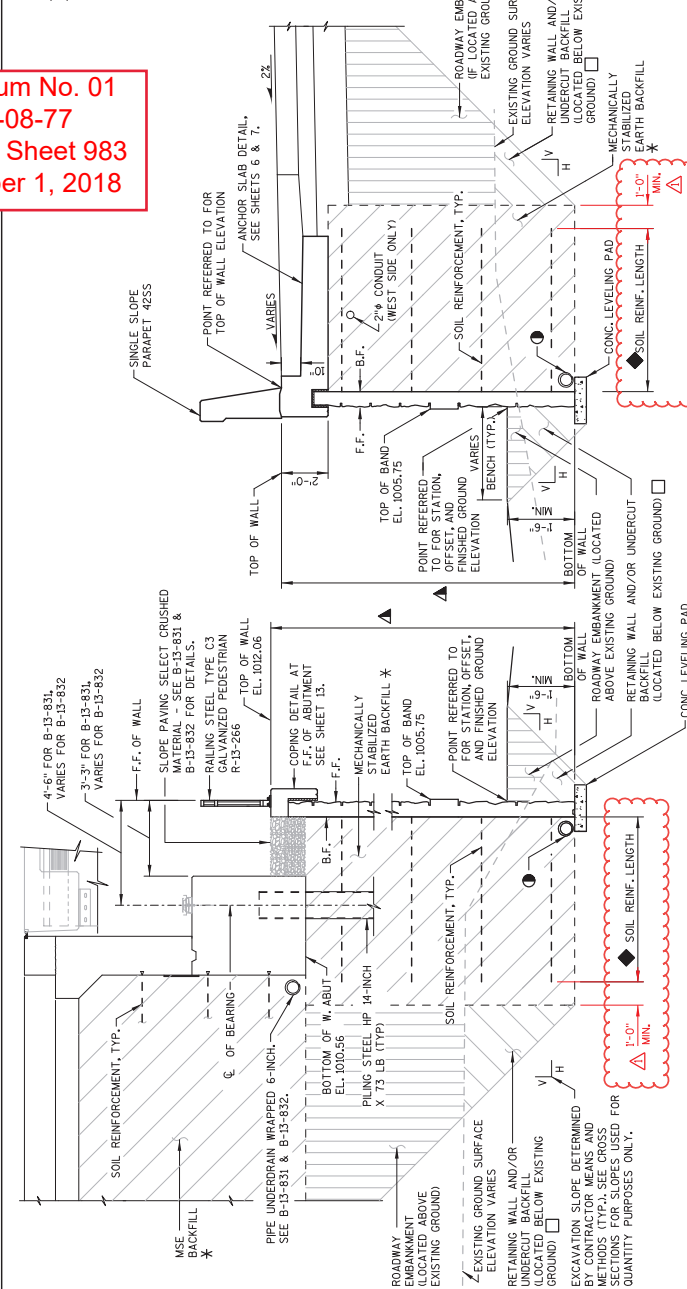


10/29/2018

STRUCTURE R-13-266

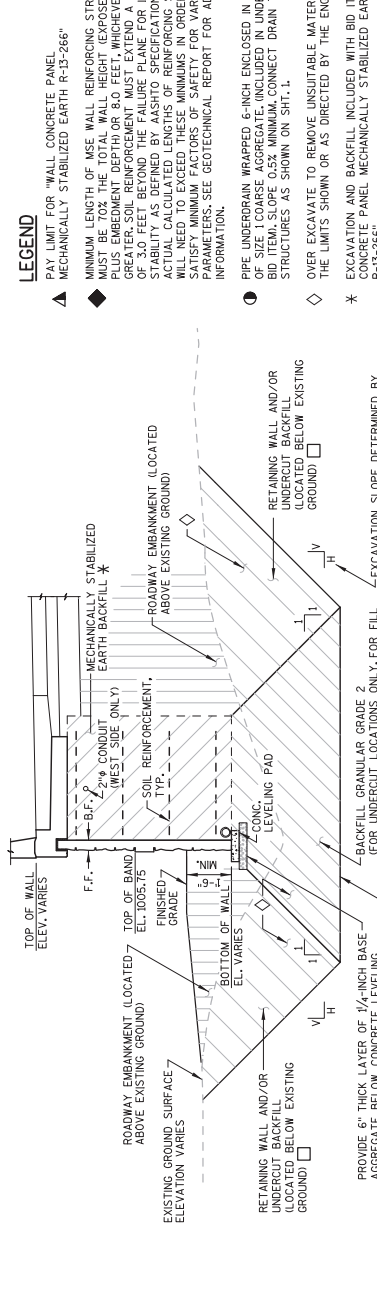
TYPICAL SECTIONS & QUANTITIES

983



**TYPICAL SECTION THRU WALL**

LOOKING NORTH AT WEST SIDE OF WALL-EAST SIDE SIMILAR.



**TYPICAL SECTION THRU ABUTMENT**

LOOKING NORTH AT WEST SIDE OF WALL-EAST SIDE SIMILAR.

**TYPICAL SECTION THRU WALL AT UNDERCUT**

(SEE CROSS SECTIONS FOR ANTICIPATED UNDERCUT LOCATIONS)

*William C. Decker*  
10/30/18

**SOIL PARAMETERS**

STRATUM LOCATIONS & SOIL DESCRIPTIONS	UNIT WEIGHT (pcf)	FRICION ANGLE	COHESION (psf)
EL. 995.8 - EL. 995.5 FILL, HOT, MK ASPHALT	145	45	0
EL. 995.5 - EL. 994.0 SILTY SAND WITH GRAVEL (SM)	135	42	0
EL. 994.0 - EL. 992.8 LEAN CLAY (CL)	121	0	1,000
EL. 992.8 - EL. 991.8 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 991.8 - EL. 987.8 SILTY SAND WITH GRAVEL (SM/GM)	130	34	0
EL. 987.8 - EL. 978.8 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 978.8 - EL. 970.8 SILTY SAND WITH GRAVEL (SM/GM)	130	35	0
EL. 970.8 - EL. 970.8 SILTY SAND WITH GRAVEL (SM/GM)	130	35	0
RETAINED SOIL (M.A.S.E. GRANULAR BACKFILL) EL. 1005.22 - EL. 1005.22 *	120	30	0
RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1005.22 - EL. 1005.22 *	135	30	0
STRATUM LOCATIONS & SOIL DESCRIPTIONS			
EL. 997.7 - EL. 996.4 SILTY SAND WITH GRAVEL (SM)	135	42	0
EL. 996.4 - EL. 994.7 SILTY SAND WITH GRAVEL (SM)	145	39	0
EL. 994.7 - EL. 993.7 LEAN CLAY (CL)	125	0	2,600
EL. 993.7 - EL. 991.2 LEAN CLAY (CL)	121	0	2,200
EL. 991.2 - EL. 989.7 SILTY SAND WITH GRAVEL (SM/GM)	130	41	0
EL. 989.7 - EL. 984.7 SILTY SAND WITH GRAVEL (SM/GM)	135	43	0
EL. 984.7 - EL. 975.7 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 975.7 - EL. 970.7 SILTY SAND WITH GRAVEL (SM/GM)	130	34	0
EL. 970.7 - EL. 965.7 POORLY GRADED SAND WITH SILT (SP-SM)	133	31	0
EL. 965.7 - EL. 962.7 LEAN CLAY (CL)	132	0	1,000
EL. 962.7 - EL. 961.8 SILTY SAND WITH GRAVEL (SM/GM)	134	28	0
RETAINED SOIL (M.A.S.E. GRANULAR BACKFILL) EL. 1013.39 - EL. 1005.19 *	135	30	0
RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1013.39 - EL. 1005.19 *	135	30	0
STRATUM LOCATIONS & SOIL DESCRIPTIONS			
EL. 995.6 - EL. 994.4 SILTY SAND WITH GRAVEL (SM)	135	42	0
EL. 994.4 - EL. 991.1 LEAN CLAY (CL)	145	43	0
EL. 991.1 - EL. 991.1 LEAN CLAY (CL)	121	0	2,000
EL. 991.1 - EL. 991.6 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 991.6 - EL. 982.6 SILTY SAND WITH GRAVEL (SM/GM)	140	41	0
EL. 982.6 - EL. 972.6 SILTY SAND WITH GRAVEL (SM/GM)	135	41	0
EL. 972.6 - EL. 959.6 POORLY GRADED SAND WITH SILT (SP-SM)	130	36	0
RETAINED SOIL (M.A.S.E. GRANULAR BACKFILL) EL. 1019.48 - EL. 1001.68 *	120	30	0
RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1019.48 - EL. 1001.68 *	135	30	0
STRATUM LOCATIONS & SOIL DESCRIPTIONS			
EL. 992.3 - EL. 990.8 LEAN CLAY (CL)	121	0	2,800
EL. 990.8 - EL. 988.3 LEAN CLAY (CL)	121	0	1,400
EL. 988.3 - EL. 986.8 SILTY SAND WITH GRAVEL (SM)	130	39	0
EL. 986.8 - EL. 975.3 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 975.3 - EL. 970.3 SILTY SAND WITH GRAVEL (SM/GM)	130	35	0
EL. 970.3 - EL. 961.3 POORLY GRADED SAND (SP)	134	35	0
EL. 961.3 - EL. 957.3 SILTY SAND WITH GRAVEL (SM/GM)	138	41	0
RETAINED SOIL (M.A.S.E. GRANULAR BACKFILL) EL. 1020.69 - EL. 1004.59 *	135	30	0
RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1020.69 - EL. 1004.59 *	135	30	0
STRATUM LOCATIONS & SOIL DESCRIPTIONS			
EL. 985.5 - EL. 988.1 LEAN CLAY (CL)	125	0	1,000
EL. 988.1 - EL. 986.5 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 986.5 - EL. 984.0 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 984.0 - EL. 982.0 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 982.0 - EL. 977.5 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 977.5 - EL. 972.5 SILTY SAND WITH GRAVEL (SM/GM)	135	44	0
EL. 972.5 - EL. 964.5 POORLY GRADED SAND (SP)	134	33	0
RETAINED SOIL (M.A.S.E. GRANULAR BACKFILL) EL. 1012.83 - EL. 1004.13 *	120	30	0
RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1012.83 - EL. 1004.13 *	135	30	0
STRATUM LOCATIONS & SOIL DESCRIPTIONS			
EL. 985.8 - EL. 987.8 LEAN CLAY (CL)	125	0	1,000
EL. 987.8 - EL. 986.8 LEAN CLAY (CL)	121	0	2,000
EL. 986.8 - EL. 983.8 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 983.8 - EL. 983.3 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 983.3 - EL. 976.8 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 976.8 - EL. 972.8 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 972.8 - EL. 963.8 POORLY GRADED SAND (SP)	134	32	0
RETAINED SOIL (M.A.S.E. GRANULAR BACKFILL) EL. 1007.79 - EL. 1003.49 *	120	30	0
RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1007.79 - EL. 1003.49 *	135	30	0
STRATUM LOCATIONS & SOIL DESCRIPTIONS			
EL. 997.9 - EL. 997.9 FILL	145	27	0
EL. 997.9 - EL. 995.1 SILTY SAND WITH GRAVEL (SM)	135	42	0
EL. 995.1 - EL. 992.6 LEAN CLAY (CL)	121	0	3,000
EL. 992.6 - EL. 976.1 SILTY SAND WITH GRAVEL (SM/GM)	135	42	0
EL. 976.1 - EL. 971.1 SILTY SAND WITH GRAVEL (SM/GM)	135	37	0
EL. 971.1 - EL. 968.1 SILTY SAND WITH GRAVEL (SM/GM)	130	36	0
RETAINED SOIL (M.A.S.E. GRANULAR BACKFILL) EL. 1015.38 - EL. 1002.98 *	120	30	0
RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1015.38 - EL. 1002.98 *	135	30	0

\* DESIGN WALL FOR THESE VALUES

Addendum No. 01  
ID 1206-08-77  
Revised Sheet 984  
November 1, 2018

*William C. Decker*  
10/30/18



10/29/2018

NO.	DATE	REVISION	RETAINED SOIL PARAMETER	TAX	BY

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-266

DRAWN BY: KAN  
CHECKED BY: ICC

SHEET 3 OF 19

SOIL PARAMETERS

984





Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1002  
 November 1, 2018

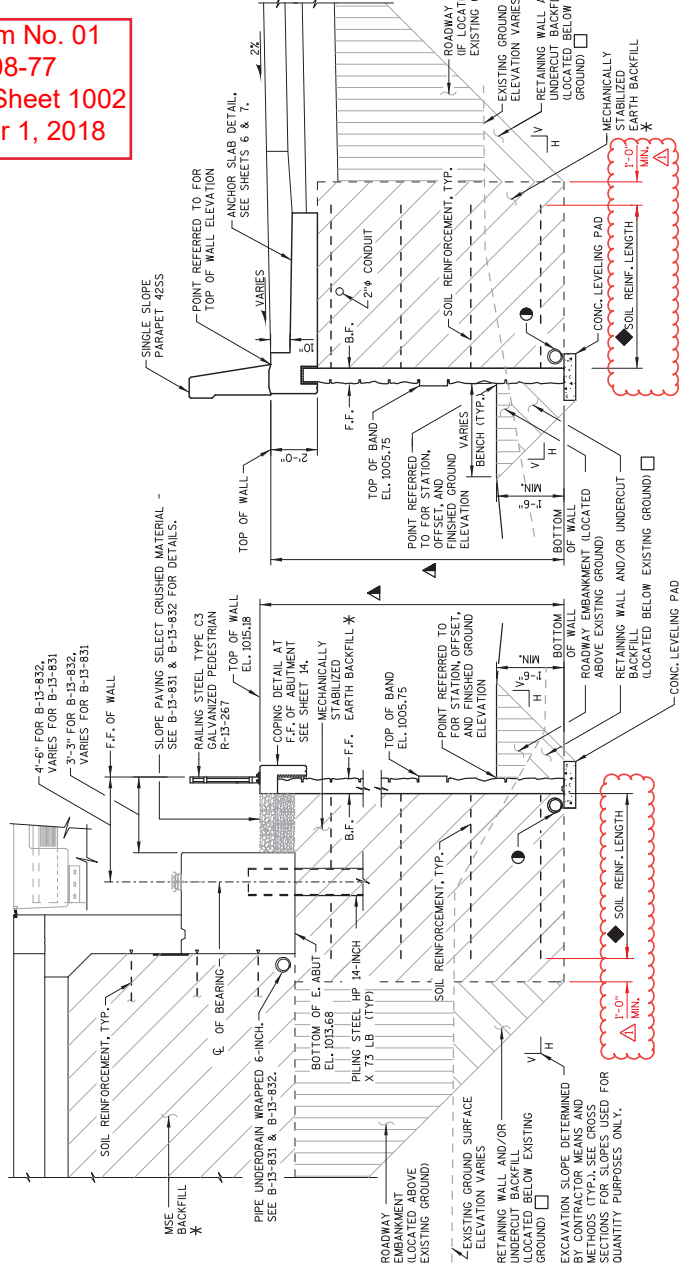
STATE PROJECT NUMBER  
 1206-08-77

**TOTAL ESTIMATED QUANTITIES**  
 ALL ITEMS ARE CATEGORY 0050, UNLESS NOTED.

BID ITEM	BID ITEM	UNIT	TOTALS
209.2000	BACKFILL GRANULAR GRADE 2	CY	2783
502.3200	PROTECTIVE SURFACE TREATMENT	SY	87
502.3210	PIGMENTED SURFACE SEALER	SY	645
504.0500	CONCRETE MASONRY RETAINING WALLS	CY	683
505.0600	BAR STEEL REINFORCEMENT HIS COATED STRUCTURES	LB	81220
511.2000.004	TEMPORARY SHORING R-13-267	SF	500
513.8016.002	RAILING STEEL PEDESTRIAN TYPE C3 R-13-267	SY	182
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	70
517.1010.5.004	CONCRETE STAINING STRUCTURE R-13-267	SF	27,823
517.0505.5.004	ARCHITECTURAL SURFACE TREATMENT STRUCTURE R-13-267	SF	19,694
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	90
612.0206	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	1,950
652.0225	CONDUIT RIGID NOMINAL SCHEDULE 40 2-INCH	EA	800
652.0225	JUNCTION BOXES 18X12X6-INCH	EACH	6
657.6005	ANCHOR ASSEMBLIES LIGHT POLES ON STRUCTURES	EA	6
SPV.0165.301	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH, R-13-267	SF	22,770
	FILLER	SIZE 1/4" & 1"	

**GENERAL NOTES**

- DRAWINGS SHALL NOT BE SCALED.
- B.F. = BACK FACE
- F.F. = FRONT FACE
- BEVEL EXPOSED EDGES OF CONCRETE 3/4-INCH, UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS, STATIONS AND OFFSETS ARE GIVEN AT THE FRONT FACE OF THE WALL, UNLESS OTHERWISE SHOWN.
- APPLY PIGMENTED SURFACE SEALER TO THE TOP EDGES AND ROADWAY FACES OF PARAPET. APPLY PROTECTIVE SURFACE TREATMENT TO THE EXPOSED SURFACE OF THE ANCHOR SLAB, SEE SHT. 15.
- BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.
- ALL BAR STEEL REINFORCEMENT IN CAST IN PLACE CONCRETE IS TO BE EPOXY COATED.
- A NAME PLATE SHALL BE PLACED AS DIRECTED BY THE ENGINEER. NAME PLATE TO BE PLACED ON PARAPET, SEE SHT. 5 FOR DETAILS.
- A GEOTECHNICAL REPORT HAS BEEN PREPARED FOR THIS STRUCTURE AND IS AVAILABLE UPON REQUEST FROM WISDOT'S SW REGION OFFICE.
- THE PLAN QUANTITY FOR THE BID ITEM "WALL CONCRETE PANEL, MECHANICALLY STABILIZED EARTH, R-13-267" IS BASED ON WALL HEIGHT MEASURED FROM THE TOP OF WALL TO A CONSTANT DEPTH OF 15 FEET BELOW FINISHED GROUND.
- THE QUANTITY OF CONCRETE MASONRY FOR THE ANCHOR SLAB COPING AND PARAPETS IS INCLUDED WITH THE ITEM "CONCRETE MASONRY RETAINING WALLS"; THE STANDARD COPING IN THIS DRAWING IS TO BE USED UNLESS OTHERWISE NOTED.
- CONCRETE PANEL, MECHANICALLY STABILIZED EARTH, R-13-267.
- PILASTERS SHALL BE CAST AS ONE PIECE CHANNEL SECTION.
- THE PLANS AND DETAILS ARE BASED ON A NOMINAL PRECAST WIDTH OF 10'-0". IF THE FABRICATED PANELS DIFFER FROM PLAN DIMENSIONS, CONTRACTOR IS RESPONSIBLE TO COORDINATE REVISED EXPANSION JOINT LOCATIONS, REINFORCEMENT LENGTHS, LIGHT SUPPORT LOCATIONS AND ANY OTHER REVISIONS ASSOCIATED WITH USING A DIFFERENT PANEL SIZE.
- THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED WALL PANEL THICKNESS OF 6" UNLESS OTHERWISE NOTED.
- EMBEDMENT DEPTH OF ANCHOR BOLTS SHALL BE AS SHOWN. CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS, QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.

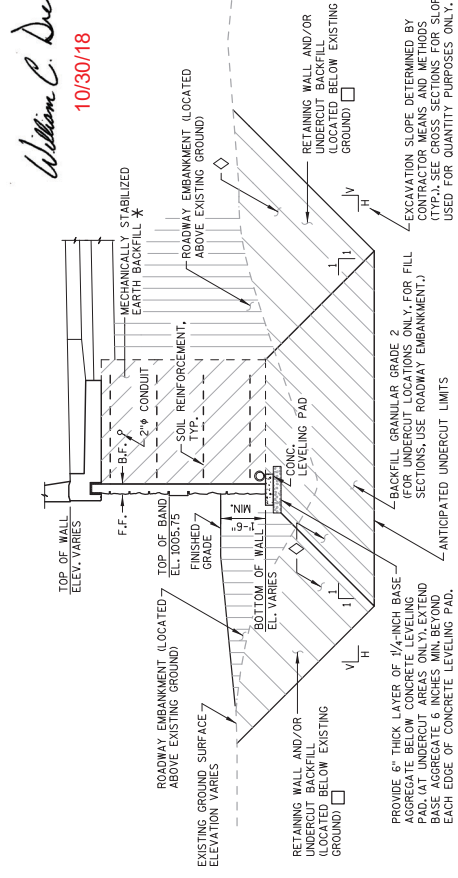


**TYPICAL SECTION THRU WALL**

LOOKING NORTH AT WEST SIDE OF WALL, EAST SIDE SIMILAR.

- ▲ PAY LIMIT FOR "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH, R-13-267"
- ◆ MINIMUM LENGTH OF MSE WALL REINFORCING STRIPS MUST BE 70% THE TOTAL WALL HEIGHT EXPOSED HEIGHT PLUS EMBEDMENT DEPTH OR 8.0 FEET, WHICHEVER IS GREATER. SOIL REINFORCEMENT MUST EXTEND A MINIMUM OF 3.0 FEET BEYOND THE FAILURE PLANE FOR INTERNAL STABILITY CALCULATED LENGTHS OF REINFORCING STRIPS WILL NEED TO EXCEED THESE MINIMUMS IN ORDER TO SATISFY MINIMUM FACTORS OF SAFETY FOR VARIOUS MSE PARAMETERS. SEE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- PIPE UNDERDRAIN WRAPPED 6-INCH ENCLOSED IN 1'-6" AREA OF SIZE 1 COARSE AGGREGATE, INCLUDED IN UNDERDRAIN BID ITEM. SLOPE 0.5% MINIMUM, CONNECT UNDER TO STRUCTURES AS SHOWN ON SHT. 1.
- ◇ OVER EXCAVATE TO REMOVE UNSUITABLE MATERIAL TO THE LIMITS SHOWN OR AS DIRECTED BY THE ENGINEER.
- \* EXCAVATION AND BACKFILL INCLUDED WITH BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH, R-13-267".
- USE OF ON-SITE MATERIAL IS ACCEPTABLE AS RETAINING WALL AND UNDERCUT BACKFILL. BACKFILL MATERIAL SHALL BE FREE OF SOFT AND ORGANIC SOILS AND SHALL BE GRANULAR MATERIAL. BACKFILL SHALL BE VISUALLY APPROVED BY THE ENGINEER.
- TYPICAL SECTIONS AS SHOWN ARE NOT FULLY APPLICABLE AT ALL LOCATIONS. FOR ADDITIONAL INFORMATION ON UNDERCUT AND UNDERCUT, SEE CONSTRUCTION DETAILS - USE RETAINING WALL EARTHWORK AND UNDERCUT.

**TYPICAL SECTION THRU ABUTMENT**



**TYPICAL SECTION THRU WALL AT UNDERCUT**

(SEE CROSS SECTIONS FOR ANTICIPATED UNDERCUT LOCATIONS)



**SOIL PARAMETERS**

STRATUM LOCATIONS & SOIL DESCRIPTIONS BORING R-267-1	UNIT WEIGHT (pcf)	FRICION ANGLE	COHESION (psf)
EL. 1003.4 - EL. 1001.9 LEAN CLAY (CL)	125	0	1,000
EL. 1001.9 - EL. 998.9 LEAN CLAY (CL)	121	0	1,000
EL. 998.9 - EL. 995.4 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 995.4 - EL. 982.4 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 982.4 - EL. 978.4 POORLY-GRADED SAND (SP)	134	37	0
<b>RETAINED SOIL (M.S.S.E. GRANULAR BACKFILL) EL. 1024.37 - EL. 1023.07 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
<b>RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1024.37 - EL. 1023.07 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
STRATUM LOCATIONS & SOIL DESCRIPTIONS BORING R-267-2	UNIT WEIGHT (pcf)	FRICION ANGLE	COHESION (psf)
EL. 1002.5 - EL. 998.7 LEAN CLAY (CL)	125	0	1,000
EL. 998.7 - EL. 997.0 SILTY SAND WITH GRAVEL (SM/GM)	130	34	0
EL. 997.0 - EL. 990.5 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 990.5 - EL. 977.5 SILTY SAND WITH GRAVEL (SM/GM)	130	36	0
<b>RETAINED SOIL (M.S.S.E. GRANULAR BACKFILL) EL. 1025.58 - EL. 1022.08 *</b>	<b>135</b>	<b>30</b>	<b>0</b>
<b>RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1025.58 - EL. 1022.08 *</b>	<b>135</b>	<b>30</b>	<b>0</b>
STRATUM LOCATIONS & SOIL DESCRIPTIONS BORING R-267-3	UNIT WEIGHT (pcf)	FRICION ANGLE	COHESION (psf)
EL. 999.5 - EL. 998.5 LEAN CLAY (CL)	125	0	1,000
EL. 998.5 - EL. 995.0 LEAN CLAY (CL)	121	0	3,200
EL. 995.0 - EL. 991.5 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 991.5 - EL. 987.5 SILTY SAND WITH GRAVEL (SM/GM)	130	35	0
EL. 987.5 - EL. 977.5 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 977.5 - EL. 954.9 POORLY-GRADED SAND (SP)	134	33	0
<b>RETAINED SOIL (M.S.S.E. GRANULAR BACKFILL) EL. 1026.49 - EL. 1007.19 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
<b>RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1026.49 - EL. 1007.19 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
STRATUM LOCATIONS & SOIL DESCRIPTIONS BORING R-267-4	UNIT WEIGHT (pcf)	FRICION ANGLE	COHESION (psf)
EL. 1002.5 - EL. 998.9 LEAN CLAY (CL)	125	0	1,000
EL. 998.9 - EL. 997.5 LEAN CLAY (CL)	121	0	1,000
EL. 997.5 - EL. 995.0 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 995.0 - EL. 978.5 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 978.5 - EL. 973.5 SILTY SAND WITH GRAVEL (SM/GM)	135	36	0
EL. 973.5 - EL. 955.5 POORLY-GRADED SAND (SP)	134	36	0
<b>RETAINED SOIL (M.S.S.E. GRANULAR BACKFILL) EL. 1026.55 - EL. 1004.75 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
<b>RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1026.55 - EL. 1004.75 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
STRATUM LOCATIONS & SOIL DESCRIPTIONS BORING R-267-5	UNIT WEIGHT (pcf)	FRICION ANGLE	COHESION (psf)
EL. 1004.0 - EL. 1003.0 CLAYEY GRAVEL WITH SAND (GC)	135	40	0
EL. 1003.0 - EL. 999.5 LEAN CLAY (CL)	121	0	1,400
EL. 999.5 - EL. 996.0 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 996.0 - EL. 982.0 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 982.0 - EL. 969.0 SILTY SAND WITH GRAVEL (SM/GM)	130	34	0
<b>RETAINED SOIL (M.S.S.E. GRANULAR BACKFILL) EL. 1025.43 - EL. 1018.23 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
<b>RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1025.43 - EL. 1018.23 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
STRATUM LOCATIONS & SOIL DESCRIPTIONS BORING R-44-1	UNIT WEIGHT (pcf)	FRICION ANGLE	COHESION (psf)
EL. 1003.2 - EL. 1002.7 LEAN CLAY (CL)	142	0	1,000
EL. 1002.7 - EL. 1002.2 LEAN CLAY (CL)	142	0	6,000
EL. 1002.2 - EL. 996.2 LEAN CLAY (CL)	121	0	1,000
EL. 996.2 - EL. 992.2 SILTY SAND WITH GRAVEL (SM/GM)	135	44	0
EL. 992.2 - EL. 982.2 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 982.2 - EL. 973.2 POORLY-GRADED SAND WITH SILT (SP-SM)	133	36	0
<b>RETAINED SOIL (M.S.S.E. GRANULAR BACKFILL) EL. 1026.36 - EL. 1010.26 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
<b>RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1026.36 - EL. 1010.26 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
STRATUM LOCATIONS & SOIL DESCRIPTIONS BORING S-445-2	UNIT WEIGHT (pcf)	FRICION ANGLE	COHESION (psf)
EL. 1000.9 - EL. 1000.1 LEAN CLAY (CL)	125	0	1,000
EL. 1000.1 - EL. 997.4 LEAN CLAY (CL)	121	0	3,000
EL. 997.4 - EL. 992.9 SILTY SAND WITH GRAVEL (SM/GM)	135	45	0
EL. 992.9 - EL. 981.9 SILTY SAND WITH GRAVEL (SM/GM)	140	45	0
EL. 981.9 - EL. 970.9 SILT (ML)	138	34	0
<b>RETAINED SOIL (M.S.S.E. GRANULAR BACKFILL) EL. 1026.39 - EL. 1016.39 *</b>	<b>120</b>	<b>30</b>	<b>0</b>
<b>RETAINED SOIL (ROADWAY EMBANKMENT) EL. 1026.39 - EL. 1016.39 *</b>	<b>120</b>	<b>30</b>	<b>0</b>

**WALL EXTERNAL STABILITY EVALUATION**

MINIMUM RECOMMENDED UNDERCUT (FEET)	W. RET. WALL	W. RET. WALL	W. RET. WALL	W. RET. WALL	W. RET. WALL	W. RET. WALL	W. RET. WALL
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	3.0	11.5	20.8	23.3	17.6	8.7	26.4
1.3	5.0	10.0	19.3	16.1	7.2	24.9	14.2
8.0	8.0	9.0	15.0	18.0	13.0	8.0	19.0
1+25	2+50	4+00	6+00	18+25	12+75	14+75	7+53.66
R-267-1	R-267-2	S-445-2	R-267-3	R-267-4	R-267-5	S-444-1	B-831-3
1.6	1.2	1.2	1.2	1.2	1.3	1.0	1.0
3.4	1.4	1.4	1.4	1.4	1.8	1.8	1.4
3.6	2.1	1.2	1.1	1.0	1.9	2.8	3.1
3,400	3,100	3,000	6,000	5,900	5,200	17,400	17,800
3,400	3,100	3,000	6,000	5,900	5,200	17,400	17,800
3,400	3,100	3,000	6,000	5,900	5,200	17,400	17,800

FINAL DESIGNER AND CHECKER ARE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND THE DESIGN. THE WALL DESIGNER AND CHECKER ARE RESPONSIBLE FOR THE WALL DESIGN AND MAY DIFFER FROM VALUES IN TABLE.

\*\* - IN FRONT OF ABUTMENT

STATE PROJECT NUMBER  
1206-08-77

Addendum No. 01  
ID 1206-08-77  
Revised Sheet 1003  
November 1, 2018

William C. Decker  
10/30/18



10/29/2018

NO.	DATE	REVISION	BY
1		RETAINED SOIL PARAMETER	TAW

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
STRUCTURE R-13-267

SOIL PARAMETERS  
SHEET 3 OF 20  
1003

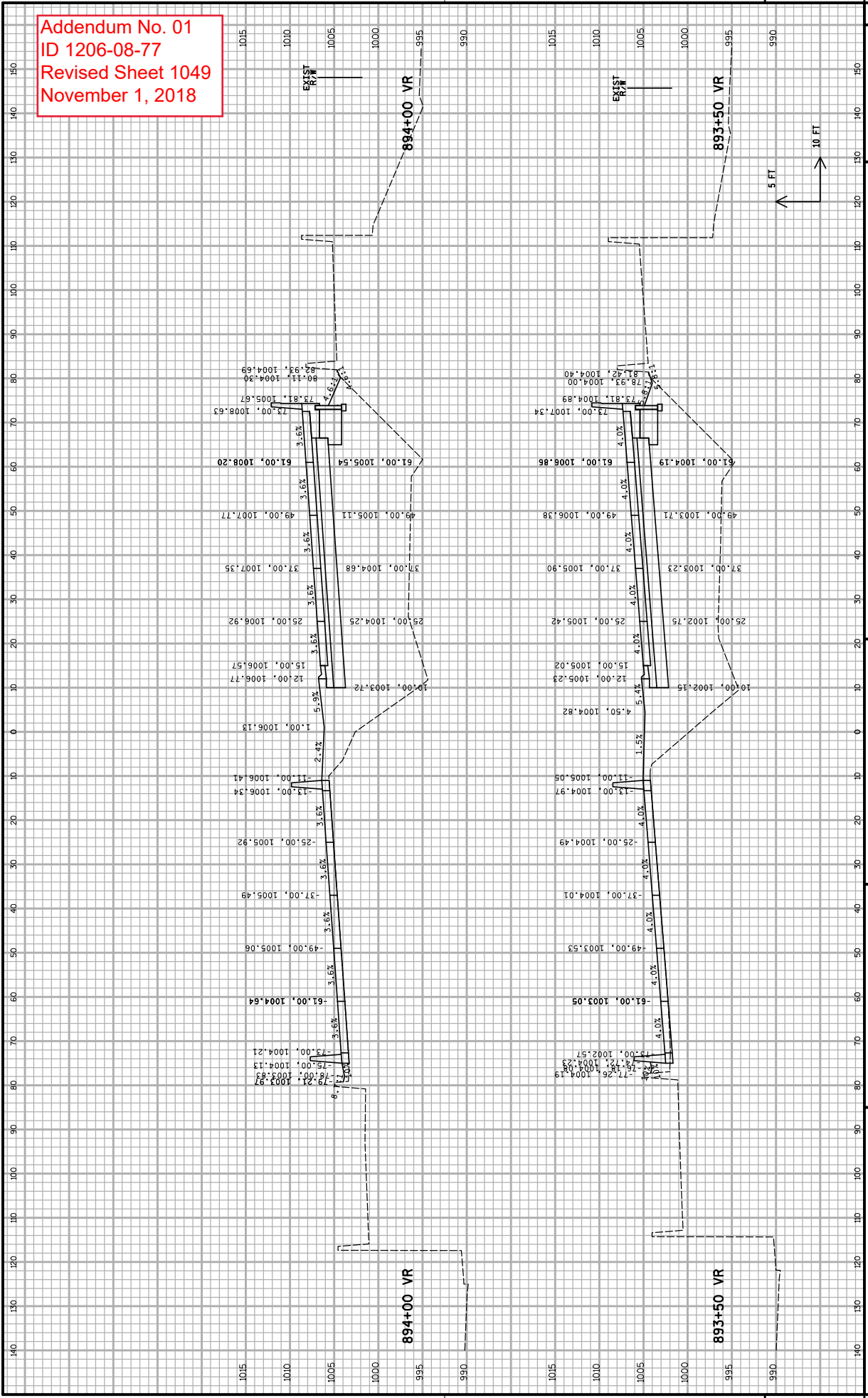
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1033  
 November 1, 2018

VR LINE	AREA (SF)				INCREMENTAL VOL. (CY)				CUMULATIVE VOL. (CY)				MASS ORDNATE NOTE 4	
	STATION	DISTANCE	CUT NOTE 1	FILL NOTE 2	EBS (SQ OF CUT)	AVAILABLE STRUCTURE EXCAVATION NOTE 3	CUT NOTE 1	FILL NOTE 2	EBS (SQ OF CUT)	AVAILABLE STRUCTURE EXCAVATION NOTE 3	CUT NOTE 1	FILL NOTE 2		EBS (SQ OF CUT)
888+00	50	137.1	1.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
888+50	50	106.5	2.0	5.3	0.0	0.0	225.6	3.6	11.3	0.0	0.0	3.6	11.3	0.0
889+00	50	86.6	3.1	4.3	0.0	0.0	178.8	4.7	8.9	0.0	0.0	8.3	20.2	0.0
889+50	50	68.2	6.2	3.4	0.0	0.0	143.3	10.5	7.1	0.0	0.0	18.8	27.3	0.0
890+00	50	25.6	37.6	1.3	0.0	0.0	86.9	42.4	4.4	0.0	0.0	54.6	31.7	0.0
890+50	50	12.3	63.9	0.6	0.0	0.0	35.1	94.0	1.8	0.0	0.0	152.2	33.5	0.0
891+00	50	10.4	108.8	0.5	0.0	0.0	21.0	159.3	1.0	0.0	0.0	690.7	34.5	0.0
891+50	50	45.8	159.8	2.3	0.0	0.0	52.0	248.7	2.6	0.0	0.0	742.7	563.8	0.0
892+00	50	2.5	246.0	0.1	0.0	0.0	44.7	375.7	2.2	0.0	0.0	939.5	39.3	0.0
892+50	50	0.0	320.8	0.0	0.0	0.0	2.3	524.8	0.1	0.0	0.0	789.7	1464.3	0.0
893+00	50	0.0	393.7	0.0	0.0	0.0	0.0	84.6	0.0	0.0	0.0	785.3	39.4	0.0
893+50	50	1.9	559.6	0.1	0.0	0.0	1.8	882.3	0.1	0.0	0.0	3,007.8	39.5	0.0
894+00	50	0.1	638.4	0.0	0.0	0.0	1.9	1053.3	0.1	0.0	0.0	793.4	4,107.1	0.0
894+50	50	0.0	920.2	0.0	0.0	0.0	0.1	1445.1	0.0	0.0	0.0	793.5	5,560.2	0.0
895+00	50	0.0	1336.2	0.0	0.0	0.0	0.0	2088.3	0.0	0.0	0.0	793.5	7,649.5	0.0
895+50	50	0.0	1590.6	0.0	0.0	0.0	0.0	2710.0	0.0	0.0	0.0	793.5	10,593.5	0.0
896+00	50	0.0	1742.6	0.0	0.0	0.0	0.0	3086.3	0.0	0.0	0.0	793.5	13,446.8	0.0
896+50	50	2.6	1859.0	0.1	0.0	0.0	2.4	3334.8	0.1	0.0	0.0	795.9	16,780.6	0.0
897+00	50	2.5	1975.7	0.1	0.0	0.0	4.7	3550.6	0.2	0.0	0.0	800.6	20,331.2	0.0
897+50	50	2.6	2031.9	0.1	0.0	0.0	4.7	3710.7	0.2	0.0	0.0	805.3	24,041.9	0.0
898+00	50	2.6	2142.4	0.1	0.0	0.0	4.8	3865.1	0.2	0.0	0.0	810.1	27,907.0	0.0
898+50	50	2.6	2157.2	0.1	0.0	0.0	4.8	3981.1	0.2	0.0	0.0	814.9	31,888.1	0.0
899+00	50	2.6	2216.1	0.1	0.0	0.0	4.8	4046.4	0.2	0.0	0.0	819.7	35,837.5	0.0
899+50	50	2.6	2304.2	0.1	0.0	0.0	4.8	4185.5	0.2	0.0	0.0	824.5	40,231.0	0.0
900+00	50	2.6	2420.2	0.1	0.3	0.3	4.8	4374.4	0.2	0.3	0.3	829.3	44,497.4	0.3
900+50	50	2.6	2457.9	0.1	0.0	0.0	4.8	4516.8	0.2	0.3	0.3	834.1	49,104.2	0.6
901+00	50	2.6	2519.0	0.1	0.0	0.0	4.8	4608.2	0.2	0.0	0.0	838.9	53,622.4	0.6
901+50	50	0.0	2554.5	0.0	0.0	0.0	2.4	4697.7	0.1	0.0	0.0	841.3	58,320.1	0.6
902+00	50	0.0	1482.9	0.0	0.0	0.0	0.0	3738.3	0.0	0.0	0.0	841.3	62,058.4	0.6
							841.3	62,088.4	41.6	0.6				

- NOTES:
- CUT: THE CUT QUANTITY IS DETERMINED BY THE METHOD OF AVERAGE END AREAS FROM PROPOSED SUBGRADE OR FINISHED GROUND TO EXISTING GROUND, WITH NO CORRECTION FOR CURVATURE OR EXPANSION FACTORS. PAVEMENT MATERIAL IS INCLUDED IN CUT.
  - FILL: THE FILL QUANTITY IS DETERMINED IN ITS FINAL LOCATION, USING THE METHOD OF AVERAGE END AREAS FROM EXISTING GROUND TO PROPOSED SUBGRADE OR FINISHED GROUND, WITH NO CORRECTION FOR CURVATURE OR EXPANSION FACTORS. FOR CURVATURE, SETTLEMENT OR EXPANSION.
  - AVAILABLE STRUCTURE EXCAVATION IS FOR INFORMATION ONLY. SEE CONSTRUCTION DETAILS FOR ANTICIPATED LIMITS. LIMITS WILL VARY DEPENDING ON SHOP DRAWING DESIGN.
  - AVAILABLE STRUCTURE EXCAVATION IS INCIDENTAL TO BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH (LRFD/OMP)".
  - MASS ORDNATE = CUT + AVAILABLE STRUCTURE EXCAVATION - FILL; DOES NOT INCLUDE AN EXPANSION FACTOR. SEE NOTES 1 AND 2. THE MASS ORDNATE IS FOR INFORMATION PURPOSES ONLY AS EXCAVATION COMMON AND ROADWAY EMBANKMENT ARE NOT BALANCED FOR QUANTITY PURPOSES AND DOES NOT GUARANTEE THE QUALITY OF EXCAVATION COMMON, AND IF IT CAN BE REUSED ONSITE.

CONT NEXT SHEET

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1049  
 November 1, 2018

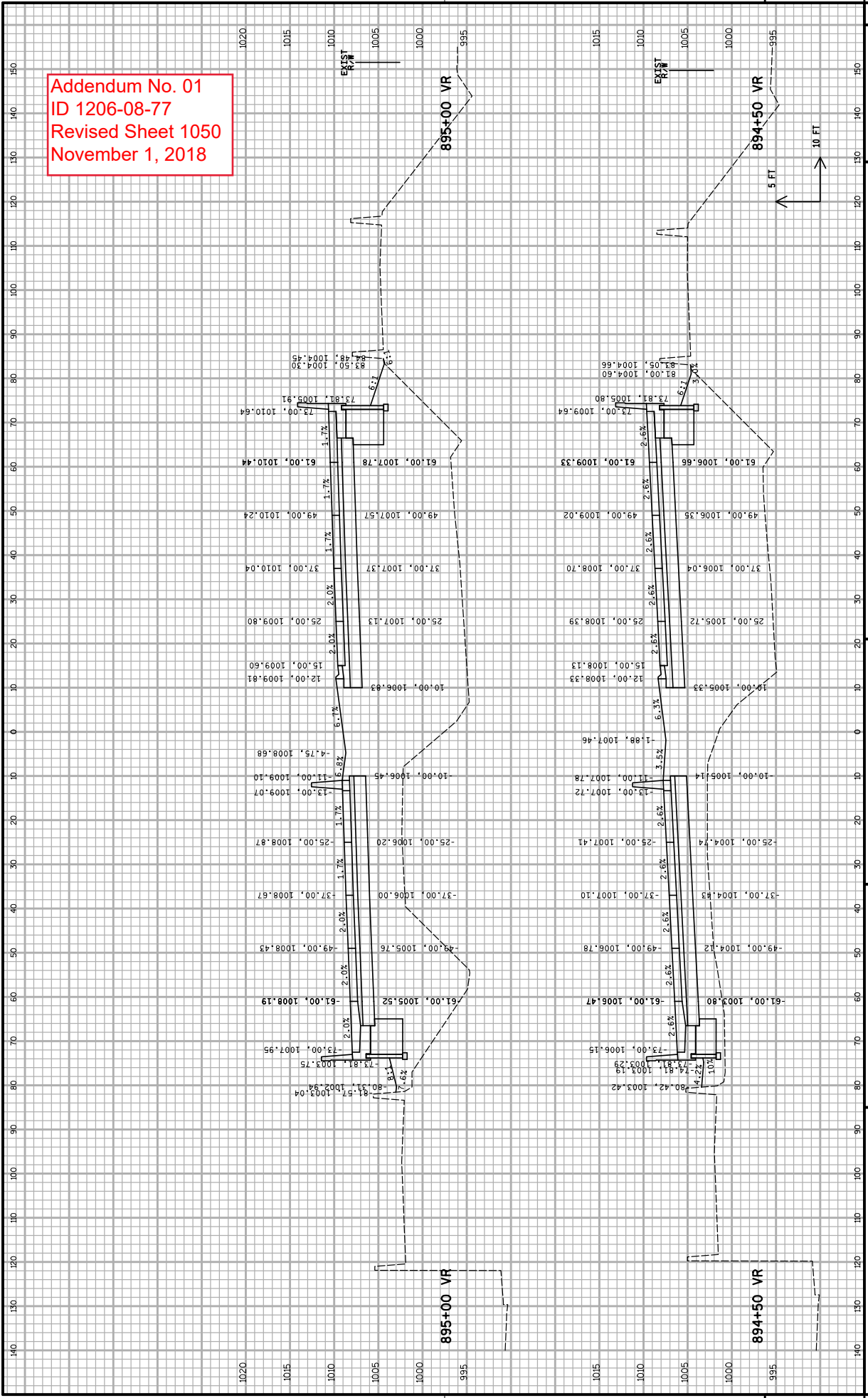


PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - MAINLINE (VR)  
 SHEET 1049  
 E

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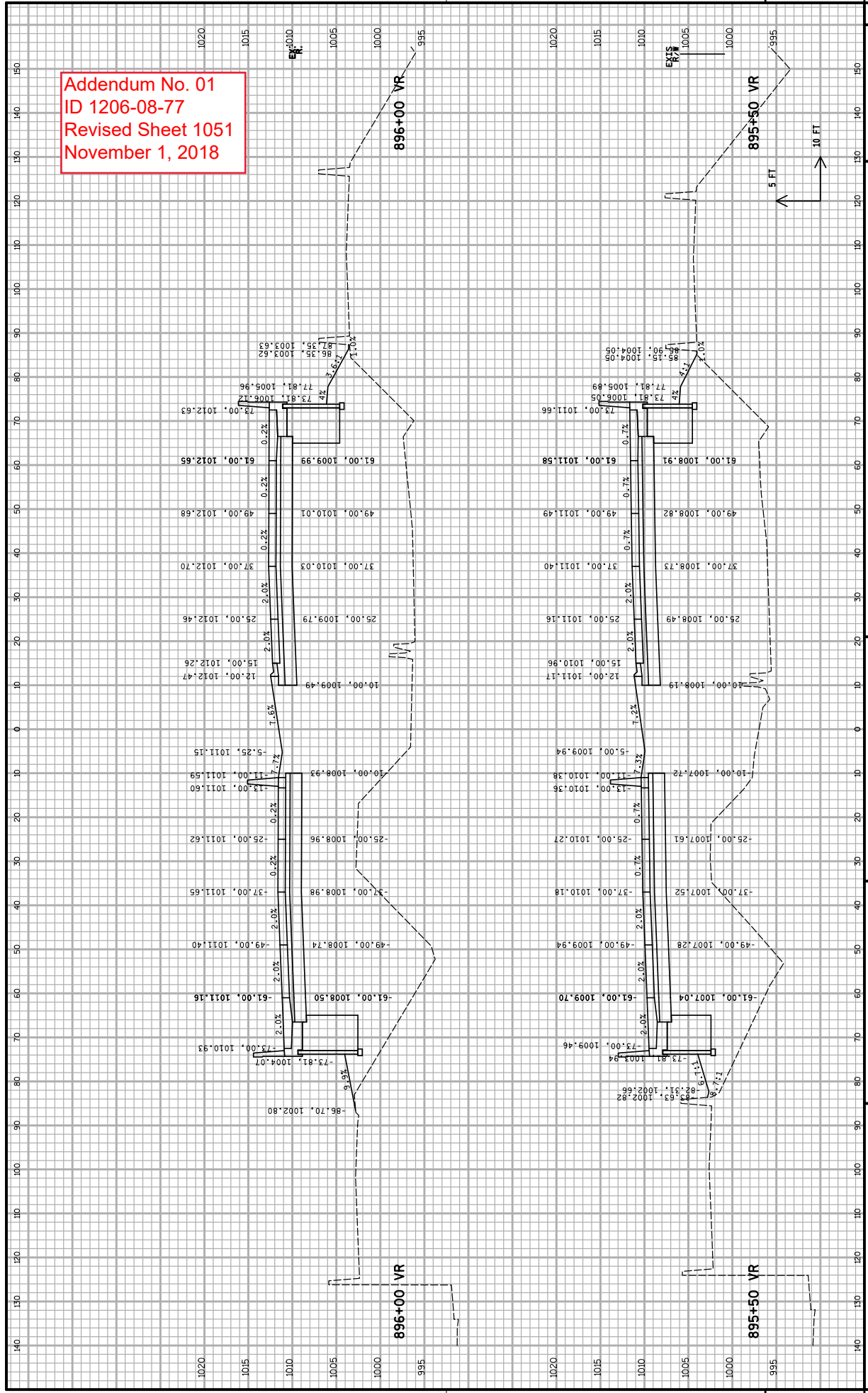
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Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1050  
 November 1, 2018



PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 SHEET 1050  
 CROSS SECTIONS - MAINLINE (VR)  
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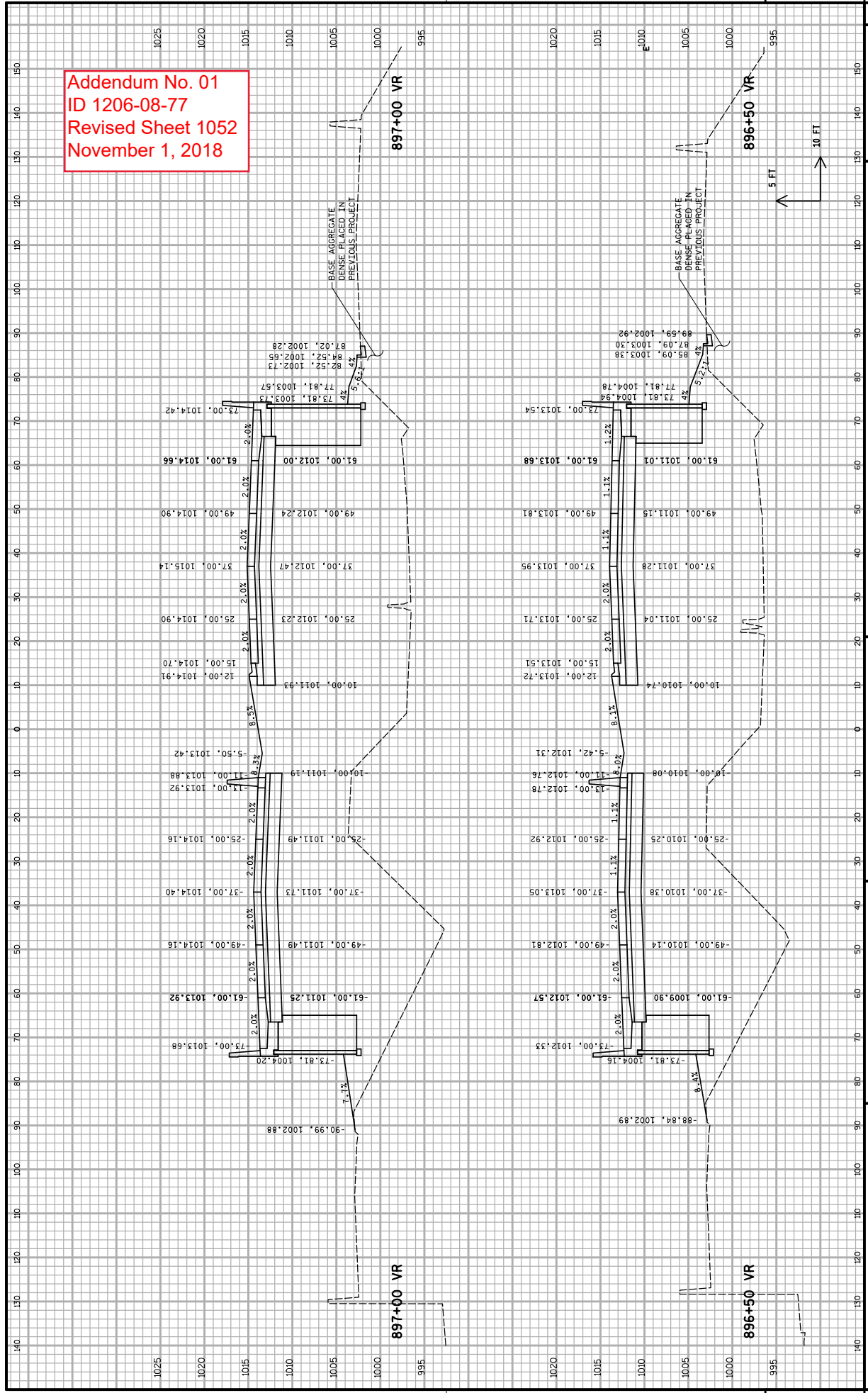
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 ID 1206-08-77  
 Revised Sheet 1051  
 November 1, 2018



PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - MAINLINE (VR)  
 SHEET 1051  
 PLOT DATE: 10/17/2018  
 PLOT BY: \_username\_

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 WSDOT/CADS SHEET: 21

Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1052  
 November 1, 2018



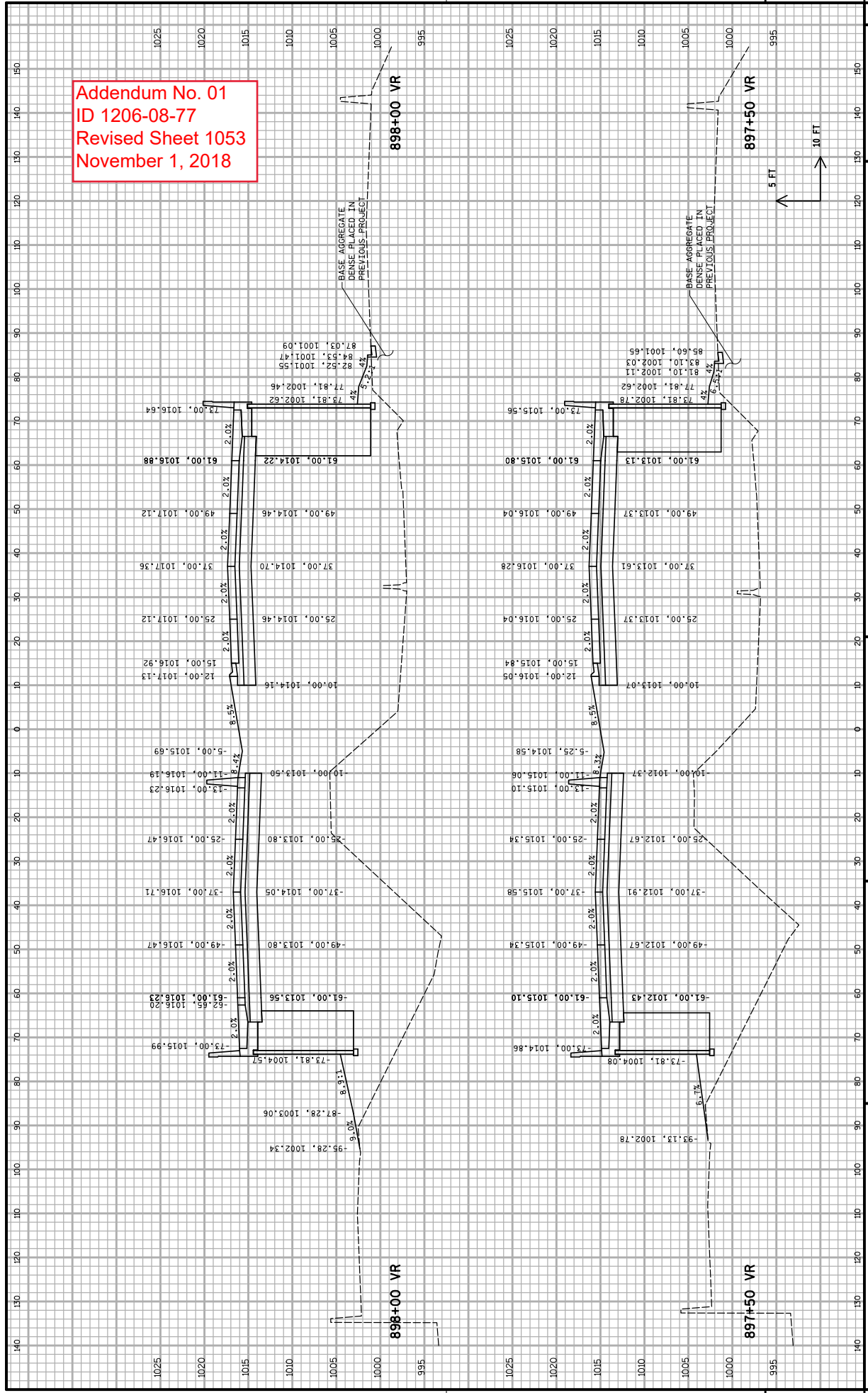
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 COUNTY: DANE  
 HWY: USH 18  
 SHEET 1052  
 CROSS SECTIONS - MAINLINE (VR)  
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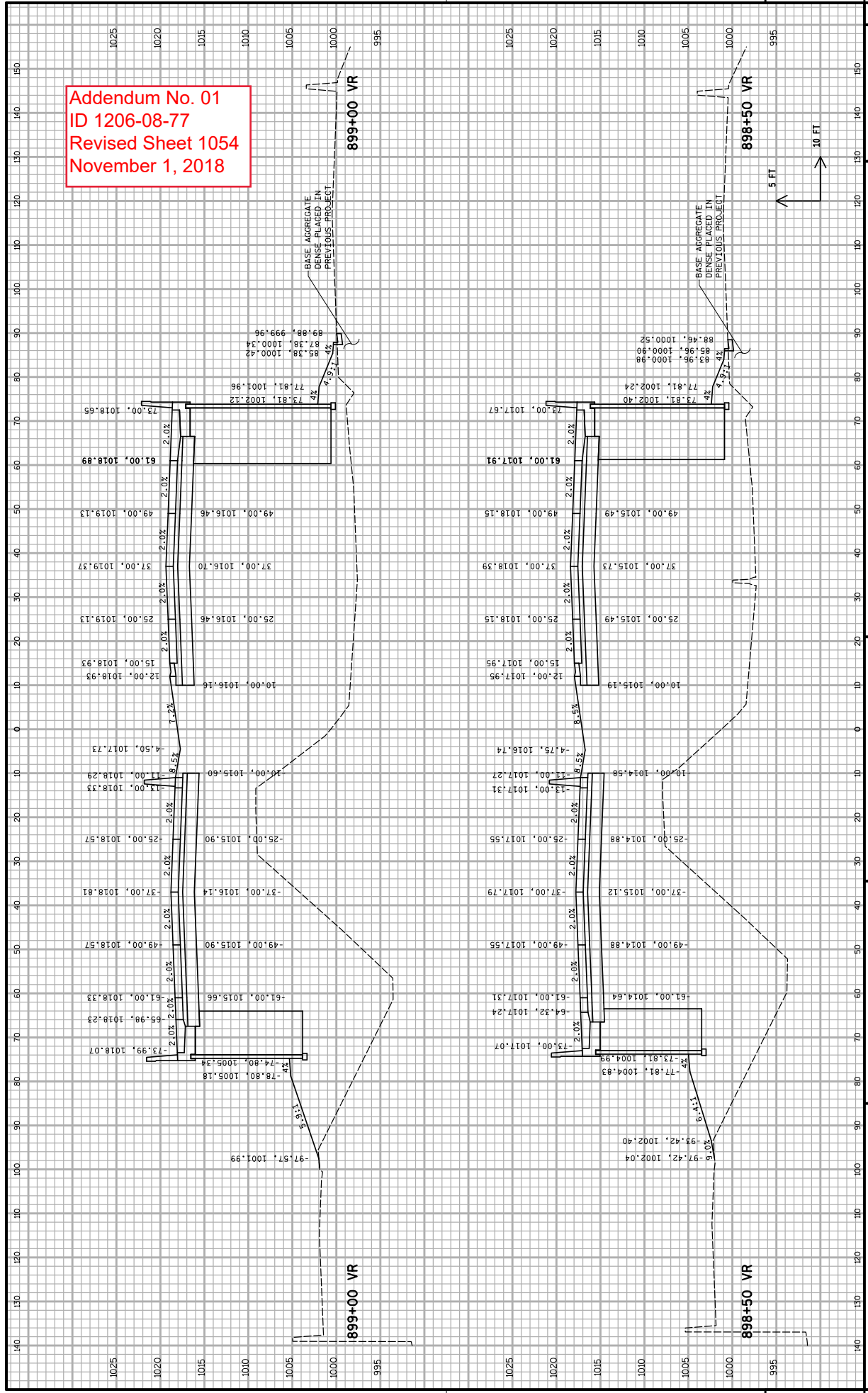
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Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1053  
 November 1, 2018



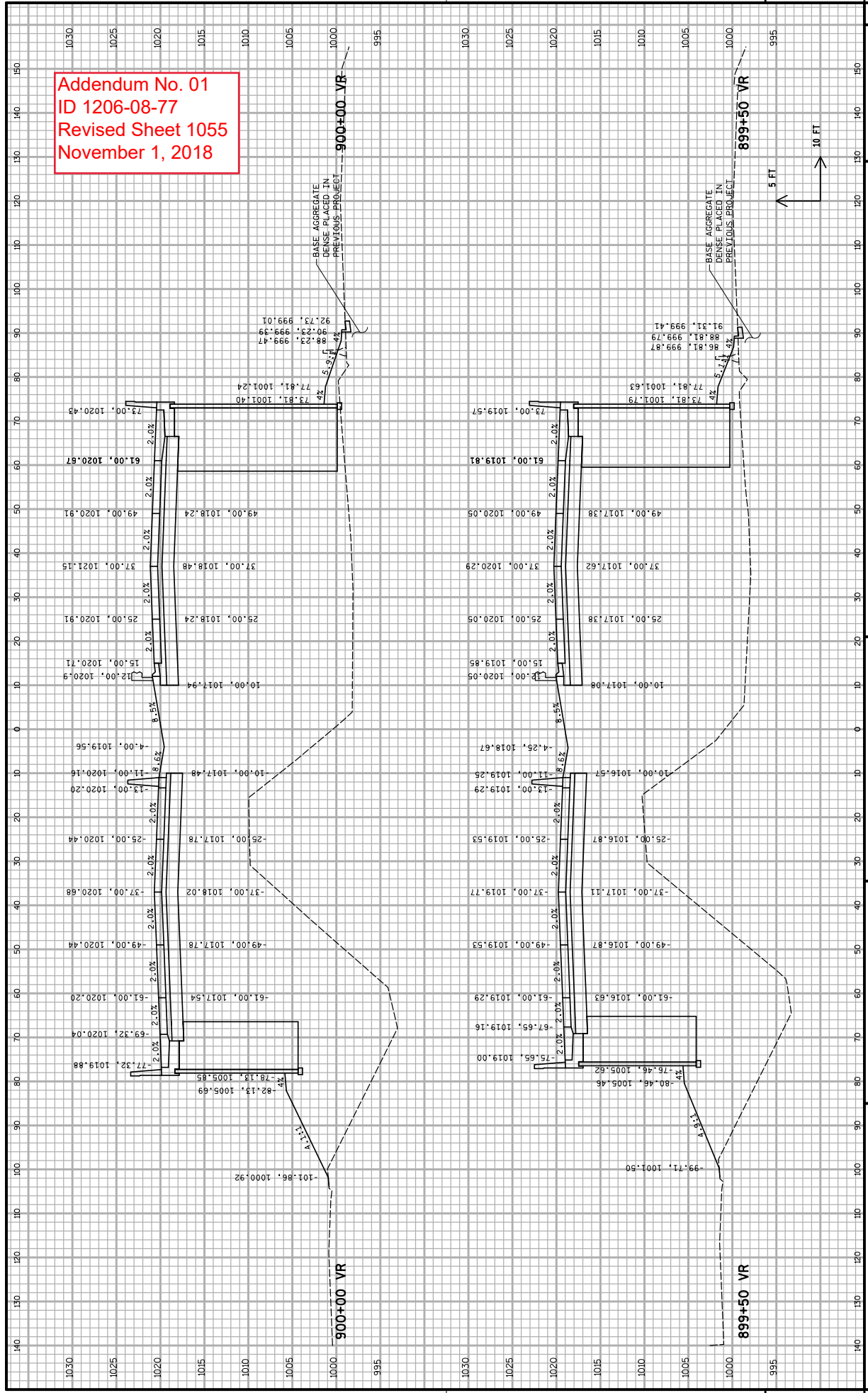
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1054  
 November 1, 2018



PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 CROSS SECTIONS - MAINLINE (VR)  
 SHEET 1054  
 PLOT DATE: 10/17/2018  
 PLOT BY: \_username\_

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Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1055  
 November 1, 2018



CROSS SECTIONS - MAINLINE (VR)

COUNTY: DANE

HWY: USH 18

PROJECT NO: 1206-08-77

SHEET 1055

PLOT DATE: 10/17/2018

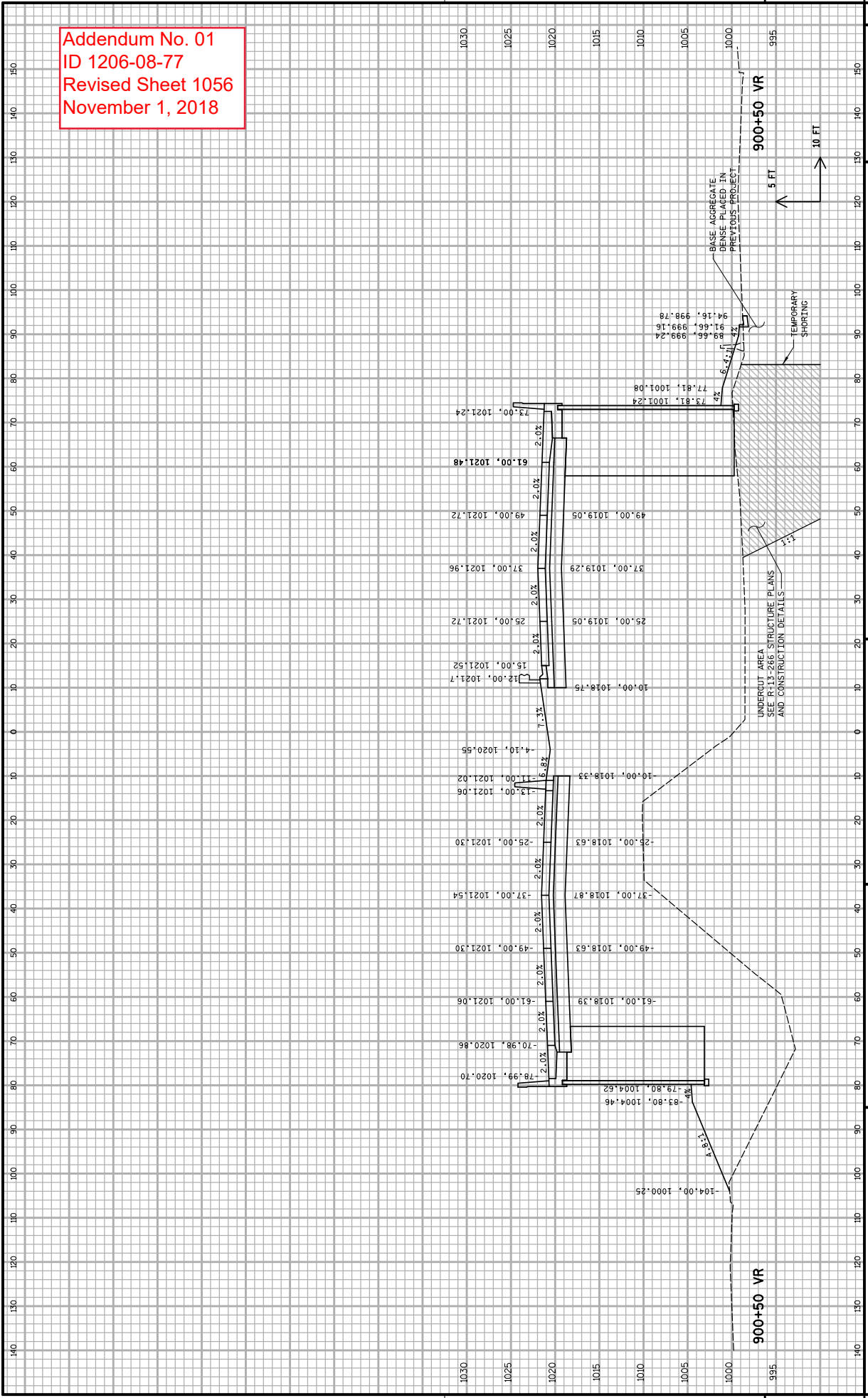
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PLOT NAME: ...:plotname\_

PLOT SCALE: \*\*...:plotscale\_...\*\*

WSDOT/CADD SHEET: 21

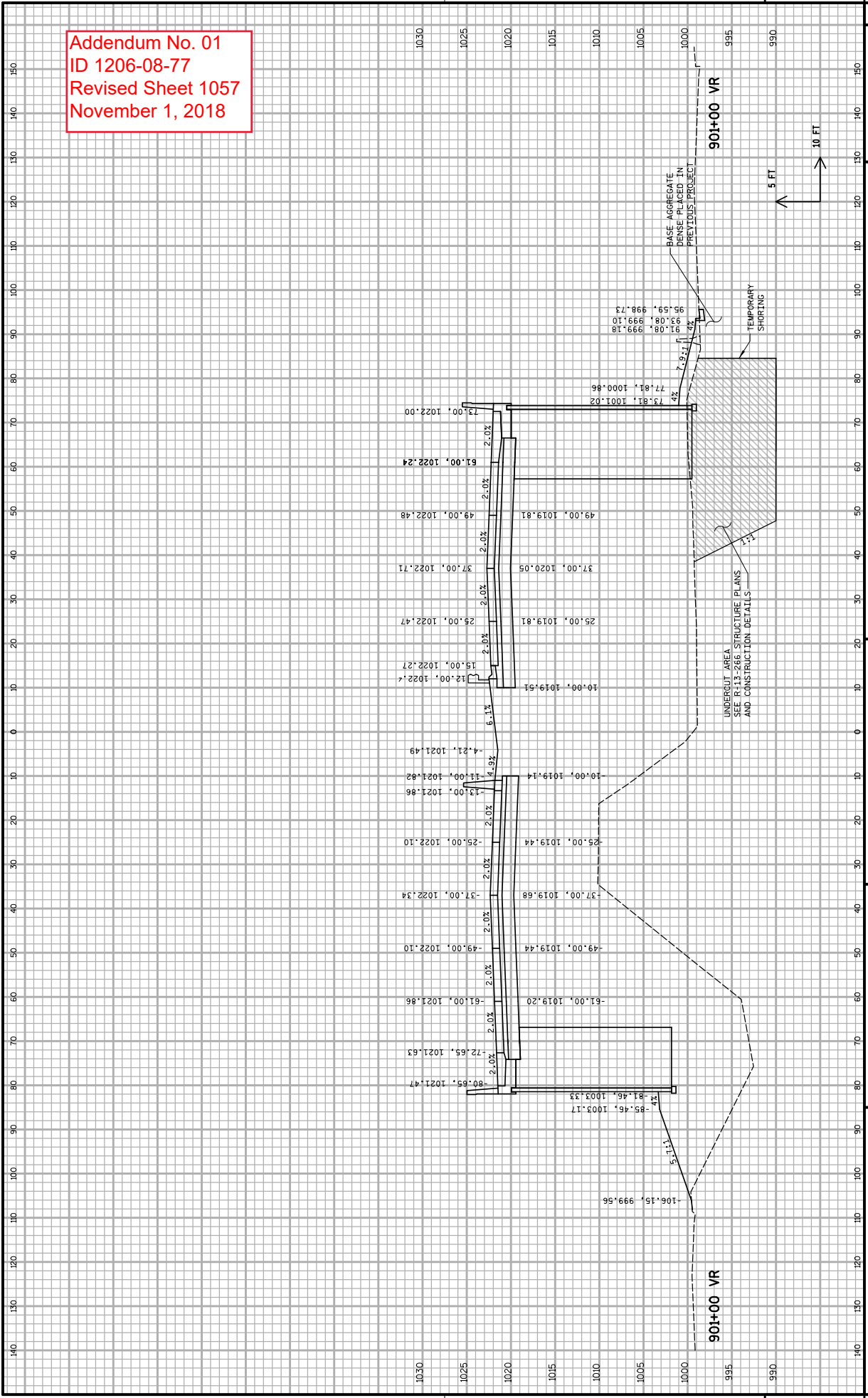
Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1056  
 November 1, 2018



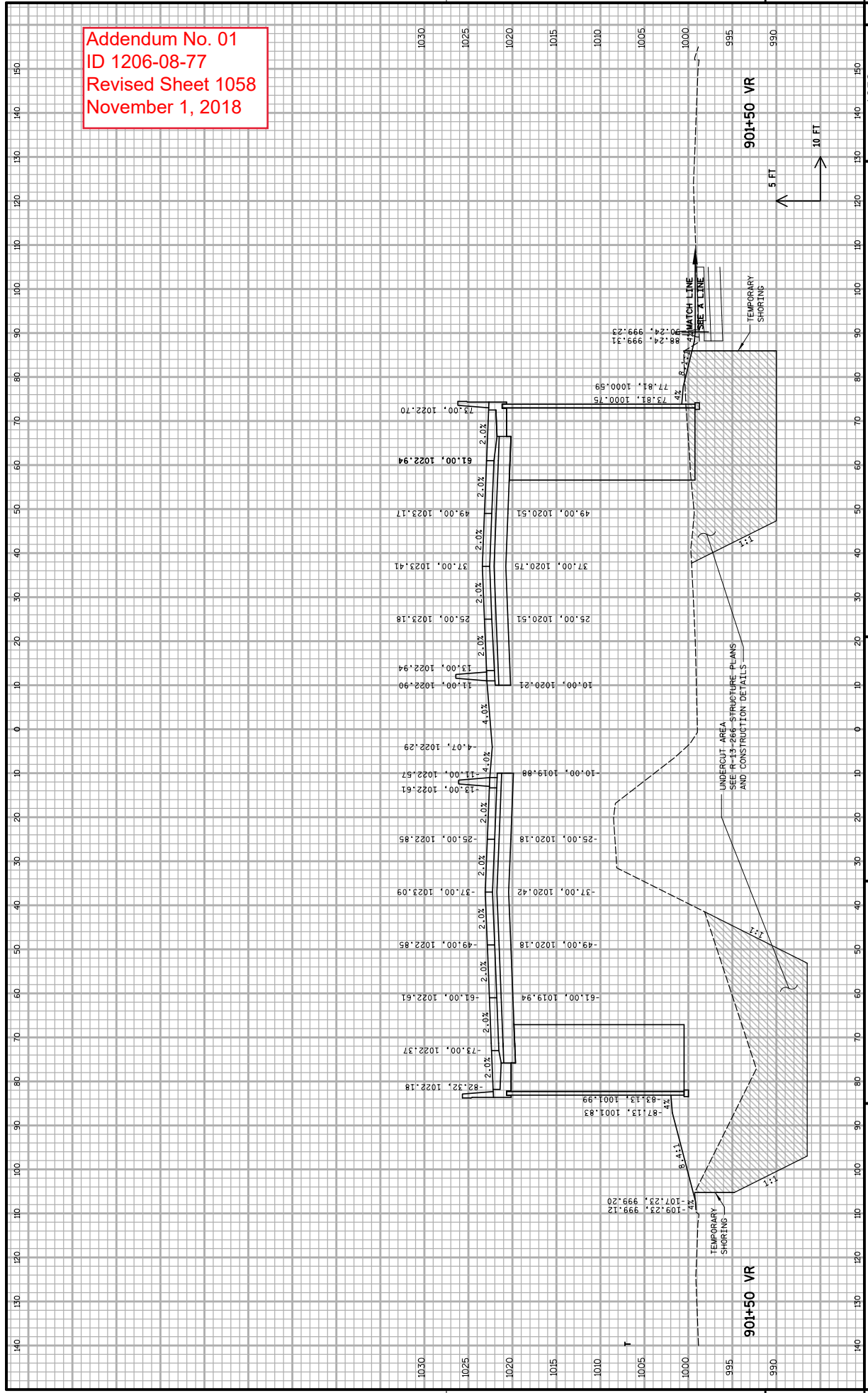
PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 SHEET 1056  
 PLOT DATE: 10/17/2018  
 PLOT BY: \_username\_

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Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1057  
 November 1, 2018



Addendum No. 01  
 ID 1206-08-77  
 Revised Sheet 1058  
 November 1, 2018



PROJECT NO: 1206-08-77  
 COUNTY: DANE  
 HWY: USH 18  
 SHEET 1058  
 CROSS SECTIONS - MAINLINE (VR)  
 PLOT BY: \_username\_ PLOT DATE: 10/17/2018 PLOT SCALE: \*\*...:plotescale...\*\* WSDOT/CADS SHEET: 21



Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

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	204.0100 Removing Pavement	8,350.000 SY	_____.	_____.
0004	204.0115 Removing Asphaltic Surface Butt Joints	4,850.000 SY	_____.	_____.
0006	204.0120 Removing Asphaltic Surface Milling	13,800.000 SY	_____.	_____.
0008	204.0150 Removing Curb & Gutter	11,080.000 LF	_____.	_____.
0010	204.0155 Removing Concrete Sidewalk	1,128.000 SY	_____.	_____.
0012	204.0180 Removing Delineators and Markers	246.000 EACH	_____.	_____.
0014	204.0195 Removing Concrete Bases	35.000 EACH	_____.	_____.
0016	204.0210 Removing Manholes	11.000 EACH	_____.	_____.
0018	204.0220 Removing Inlets	71.000 EACH	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 001. 12-Inch	1,670.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 002. 15-Inch	140.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 003. 18-Inch	1,084.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 004. 24-Inch	753.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 005. 30-Inch	395.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 006. 19x30-Inch HERCP	15.000 LF	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0280 Sealing Pipes	18.000 EACH	_____.	_____.
0034	204.0291.S Abandoning Sewer	16.500 CY	_____.	_____.
0036	204.9060.S Removing (item description) 001. Swing Gate	3.000 EACH	_____.	_____.
0038	204.9060.S Removing (item description) 003. Barricades Type III	9.000 EACH	_____.	_____.
0040	204.9060.S Removing (item description) 004. Apron Endwalls	9.000 EACH	_____.	_____.
0042	204.9060.S Removing (item description) 005. Existing Sign Cover	13.000 EACH	_____.	_____.
0044	205.0100 Excavation Common	233,235.000 CY	_____.	_____.
0046	206.1000 Excavation for Structures Bridges (structure) 001. B-13-831	LS	LUMP SUM	_____.
0048	206.1000 Excavation for Structures Bridges (structure) 002. B-13-832	LS	LUMP SUM	_____.
0050	209.2100 Backfill Granular Grade 2	8,517.000 CY	_____.	_____.
0052	211.0100 Prepare Foundation for Asphaltic Paving (project) 001. 1206-08-77	LS	LUMP SUM	_____.
0054	211.0200 Prepare Foundation for Concrete Pavement (project) 001. 1206-08-77	LS	LUMP SUM	_____.
0056	213.0100 Finishing Roadway (project) 001. 1206-08-77	1.000 EACH	_____.	_____.
0058	305.0110 Base Aggregate Dense 3/4-Inch	5,870.000 TON	_____.	_____.





## Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0060	305.0120 Base Aggregate Dense 1 1/4-Inch	48,035.000 TON	_____.	_____.
0062	305.0130 Base Aggregate Dense 3-Inch	1,220.000 TON	_____.	_____.
0064	312.0110 Select Crushed Material	109,357.000 TON	_____.	_____.
0066	312.0115 Select Crushed Material	330.000 CY	_____.	_____.
0068	405.0100 Coloring Concrete WisDOT Red	30.000 CY	_____.	_____.
0070	415.0100 Concrete Pavement 10-Inch	85,160.000 SY	_____.	_____.
0072	415.0410 Concrete Pavement Approach Slab	392.000 SY	_____.	_____.
0074	415.1100 Concrete Pavement HES 10-Inch	290.000 SY	_____.	_____.
0076	415.5110.S Concrete Pavement Joint Layout 001. 1206-08-77	1.000 LS	_____.	_____.
0078	416.0170 Concrete Driveway 7-Inch	90.000 SY	_____.	_____.
0080	416.0190 Concrete Driveway 9-Inch	380.000 SY	_____.	_____.
0082	416.0270 Concrete Driveway HES 7-Inch	45.000 SY	_____.	_____.
0084	416.0290 Concrete Driveway HES 9-Inch	20.000 SY	_____.	_____.
0086	416.0512 Concrete Truck Apron 12-Inch	35.000 SY	_____.	_____.
0088	416.0610 Drilled Tie Bars	102.000 EACH	_____.	_____.
0090	416.0620 Drilled Dowel Bars	631.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0092	416.1110 Concrete Shoulder Rumble Strips	32,250.000 LF	_____.	_____.
0094	416.1715 Concrete Pavement Repair SHES	64.000 SY	_____.	_____.
0096	416.1725 Concrete Pavement Replacement SHES	262.000 SY	_____.	_____.
0098	440.4410 Incentive IRI Ride	44,645.000 DOL	1.00000	44,645.00
0100	450.4000 HMA Cold Weather Paving	463.000 TON	_____.	_____.
0102	455.0605 Tack Coat	8,640.000 GAL	_____.	_____.
0104	460.2000 Incentive Density HMA Pavement	14,530.000 DOL	1.00000	14,530.00
0106	460.6223 HMA Pavement 3 MT 58-28 S	5,542.000 TON	_____.	_____.
0108	460.6424 HMA Pavement 4 MT 58-28 H	17,093.000 TON	_____.	_____.
0110	465.0120 Asphaltic Surface Driveways and Field Entrances	111.000 TON	_____.	_____.
0112	465.0125 Asphaltic Surface Temporary	2,575.000 TON	_____.	_____.
0114	465.0310 Asphaltic Curb	975.000 LF	_____.	_____.
0116	465.0400 Asphaltic Shoulder Rumble Strips	3,000.000 LF	_____.	_____.
0118	495.1000.S Cold patch	10.000 TON	_____.	_____.
0120	501.1000.S Ice Hot Weather Concreting	14,910.000 LB	_____.	_____.
0122	502.0100 Concrete Masonry Bridges **P**	891.000 CY	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0124	502.3100 Expansion Device (structure) 001. B-13-831	LS	LUMP SUM	_____.
0126	502.3100 Expansion Device (structure) 002. B-13-832	LS	LUMP SUM	_____.
0128	502.3200 Protective Surface Treatment **P**	5,579.000 SY	_____.	_____.
0130	502.3210 Pigmented Surface Sealer **P**	2,246.000 SY	_____.	_____.
0132	503.0172 Prestressed Girder Type I 72W-Inch	7,240.000 LF	_____.	_____.
0134	504.0500 Concrete Masonry Retaining Walls **P**	1,557.000 CY	_____.	_____.
0136	505.0400 Bar Steel Reinforcement HS Structures **P**	43,440.000 LB	_____.	_____.
0138	505.0600 Bar Steel Reinforcement HS Coated Structures **P**	691,880.000 LB	_____.	_____.
0140	505.0800.S Bar Steel Reinforcement HS Stainless Structures **P**	4,540.000 LB	_____.	_____.
0142	506.0105 Structural Steel Carbon	4,320.000 LB	_____.	_____.
0144	506.2605 Bearing Pads Elastomeric Non-Laminated **P**	44.000 EACH	_____.	_____.
0146	506.2610 Bearing Pads Elastomeric Laminated **P**	44.000 EACH	_____.	_____.
0148	506.3004 Welded Stud Shear Connectors 3/4x4-Inch	3,076.000 EACH	_____.	_____.
0150	506.4000 Steel Diaphragms (structure) 001. B-13-831	45.000 EACH	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0152	506.4000 Steel Diaphragms (structure) 002. B-13-832	37.000 EACH	_____.	_____.
0154	511.1200 Temporary Shoring (structure) 001. B-13-831	1,590.000 SF	_____.	_____.
0156	511.1200 Temporary Shoring (structure) 002. B-13-832	780.000 SF	_____.	_____.
0158	511.1200 Temporary Shoring (structure) 003. R-13-266	1,900.000 SF	_____.	_____.
0160	511.1200 Temporary Shoring (structure) 004. R-13-267	500.000 SF	_____.	_____.
0162	513.8016 Railing Steel Pedestrian Type C3 001. R-13-266	185.000 LF	_____.	_____.
0164	513.8016 Railing Steel Pedestrian Type C3 002. R-13-267	182.000 LF	_____.	_____.
0166	516.0500 Rubberized Membrane Waterproofing	248.000 SY	_____.	_____.
0168	517.1010.S Concrete Staining (structure) 001. B-13-831 **P**	14,890.000 SF	_____.	_____.
0170	517.1010.S Concrete Staining (structure) 002. B-13-832 **P**	14,280.000 SF	_____.	_____.
0172	517.1010.S Concrete Staining (structure) 003. R-13-266 **P**	30,517.000 SF	_____.	_____.
0174	517.1010.S Concrete Staining (structure) 004. R-13-267 **P**	27,823.000 SF	_____.	_____.
0176	517.1010.S Concrete Staining (structure) 005. S-13-444 **P**	400.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0178	517.1010.S Concrete Staining (structure) 006. S-13-453 **P**	310.000 SF	_____.	_____.
0180	517.1050.S Architectural Surface Treatment (structure) 001. B-13-831 **P**	1,430.000 SF	_____.	_____.
0182	517.1050.S Architectural Surface Treatment (structure) 002. B-13-832 **P**	1,100.000 SF	_____.	_____.
0184	517.1050.S Architectural Surface Treatment (structure) 003. R-13-266 **P**	20,320.000 SF	_____.	_____.
0186	517.1050.S Architectural Surface Treatment (structure) 004. R-13-267 **P**	19,694.000 SF	_____.	_____.
0188	517.1050.S Architectural Surface Treatment (structure) 005. S-13-444 **P**	400.000 SF	_____.	_____.
0190	517.1050.S Architectural Surface Treatment (structure) 006. S-13-453 **P**	235.000 SF	_____.	_____.
0192	520.2012 Culvert Pipe Temporary 12-Inch	124.000 LF	_____.	_____.
0194	520.8000 Concrete Collars for Pipe	79.000 EACH	_____.	_____.
0196	550.0020 Pre-Boring Rock or Consolidated Materials	1,070.000 LF	_____.	_____.
0198	550.1140 Piling Steel HP 14-Inch X 73 Lb	2,025.000 LF	_____.	_____.
0200	601.0405 Concrete Curb & Gutter 18-Inch Type A	315.000 LF	_____.	_____.
0202	601.0407 Concrete Curb & Gutter 18-Inch Type D	360.000 LF	_____.	_____.
0204	601.0409 Concrete Curb & Gutter 30-Inch Type A	4,742.000 LF	_____.	_____.
0206	601.0411 Concrete Curb & Gutter 30-Inch Type D	5,380.000 LF	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0208	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	10,201.000 LF	_____.	_____.
0210	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	5.000 LF	_____.	_____.
0212	601.0580 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	132.000 LF	_____.	_____.
0214	601.0600 Concrete Curb Pedestrian	362.000 LF	_____.	_____.
0216	602.0410 Concrete Sidewalk 5-Inch	32,430.000 SF	_____.	_____.
0218	602.0415 Concrete Sidewalk 6-Inch	2,115.000 SF	_____.	_____.
0220	602.0515 Curb Ramp Detectable Warning Field Natural Patina	496.000 SF	_____.	_____.
0222	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	96.000 SF	_____.	_____.
0224	603.1142 Concrete Barrier Type S42	9,748.000 LF	_____.	_____.
0226	603.1442 Concrete Barrier Type S42C	1,066.000 LF	_____.	_____.
0228	603.8125 Concrete Barrier Temporary Precast Installed	2,113.000 LF	_____.	_____.
0230	604.0600 Slope Paving Select Crushed Material **P**	1,020.000 SY	_____.	_____.
0232	608.0005 Storm Sewer Rock Excavation	95.900 CY	_____.	_____.
0234	608.0112 Relaid Storm Sewer 12-Inch	101.000 LF	_____.	_____.
0236	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	5,272.000 LF	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0238	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	1,182.000 LF	_____.	_____.
0240	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	2,634.000 LF	_____.	_____.
0242	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	2,135.000 LF	_____.	_____.
0244	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	251.000 LF	_____.	_____.
0246	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	23.000 LF	_____.	_____.
0248	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	96.000 LF	_____.	_____.
0250	608.2414 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	104.000 LF	_____.	_____.
0252	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	89.000 LF	_____.	_____.
0254	611.0420 Reconstructing Manholes	4.000 EACH	_____.	_____.
0256	611.0430 Reconstructing Inlets	1.000 EACH	_____.	_____.
0258	611.0530 Manhole Covers Type J	13.000 EACH	_____.	_____.
0260	611.0535 Manhole Covers Type J-Special	3.000 EACH	_____.	_____.
0262	611.0545 Manhole Covers Type L	1.000 EACH	_____.	_____.
0264	611.0600 Inlet Covers Type A	6.000 EACH	_____.	_____.



## Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0266	611.0606 Inlet Covers Type B	4.000 EACH	_____.	_____.
0268	611.0610 Inlet Covers Type BW	7.000 EACH	_____.	_____.
0270	611.0624 Inlet Covers Type H	74.000 EACH	_____.	_____.
0272	611.0627 Inlet Covers Type HM	34.000 EACH	_____.	_____.
0274	611.0636 Inlet Covers Type HM-S	2.000 EACH	_____.	_____.
0276	611.0639 Inlet Covers Type H-S	24.000 EACH	_____.	_____.
0278	611.0642 Inlet Covers Type MS	6.000 EACH	_____.	_____.
0280	611.0651 Inlet Covers Type S	10.000 EACH	_____.	_____.
0282	611.0652 Inlet Covers Type T	1.000 EACH	_____.	_____.
0284	611.0654 Inlet Covers Type V	71.000 EACH	_____.	_____.
0286	611.2003 Manholes 3-FT Diameter	8.000 EACH	_____.	_____.
0288	611.2004 Manholes 4-FT Diameter	39.000 EACH	_____.	_____.
0290	611.2005 Manholes 5-FT Diameter	9.000 EACH	_____.	_____.
0292	611.2006 Manholes 6-FT Diameter	4.000 EACH	_____.	_____.
0294	611.2007 Manholes 7-FT Diameter	2.000 EACH	_____.	_____.
0296	611.2008 Manholes 8-FT Diameter	2.000 EACH	_____.	_____.
0298	611.3220 Inlets 2x2-FT	77.000 EACH	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0300	611.3225 Inlets 2x2.5-FT	4.000 EACH	_____.	_____.
0302	611.3230 Inlets 2x3-FT	77.000 EACH	_____.	_____.
0304	611.3901 Inlets Median 1 Grate	2.000 EACH	_____.	_____.
0306	611.3902 Inlets Median 2 Grate	2.000 EACH	_____.	_____.
0308	611.8110 Adjusting Manhole Covers	8.000 EACH	_____.	_____.
0310	611.8115 Adjusting Inlet Covers	1.000 EACH	_____.	_____.
0312	611.8120.S Cover Plates Temporary	46.000 EACH	_____.	_____.
0314	611.9710 Salvaged Inlet Covers	6.000 EACH	_____.	_____.
0316	611.9900.S Drain Slotted Vane	110.000 EACH	_____.	_____.
0318	612.0206 Pipe Underdrain Unperforated 6-Inch	230.000 LF	_____.	_____.
0320	612.0406 Pipe Underdrain Wrapped 6-Inch	3,940.000 LF	_____.	_____.
0322	614.0150 Anchor Assemblies for Steel Plate Beam Guard	1.000 EACH	_____.	_____.
0324	614.2300 MGS Guardrail 3	115.000 LF	_____.	_____.
0326	614.2500 MGS Thrie Beam Transition	40.000 LF	_____.	_____.
0328	614.2610 MGS Guardrail Terminal EAT	1.000 EACH	_____.	_____.
0330	618.0100 Maintenance And Repair of Haul Roads (project) 001. 1206-08-77	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0332	619.1000 Mobilization	1.000 EACH	_____.	_____.
0334	620.0200 Concrete Median Blunt Nose	690.000 SF	_____.	_____.
0336	620.0300 Concrete Median Sloped Nose	2,347.000 SF	_____.	_____.
0338	621.1200 Landmark Reference Monuments and Aluminum Covers	3.000 EACH	_____.	_____.
0340	623.0200 Dust Control Surface Treatment	143,340.000 SY	_____.	_____.
0342	624.0100 Water	1,187.000 MGAL	_____.	_____.
0344	625.0100 Topsoil	10,213.000 SY	_____.	_____.
0346	625.0500 Salvaged Topsoil	12,188.000 SY	_____.	_____.
0348	627.0200 Mulching	275.000 SY	_____.	_____.
0350	628.1504 Silt Fence	401.000 LF	_____.	_____.
0352	628.1520 Silt Fence Maintenance	731.000 LF	_____.	_____.
0354	628.1905 Mobilizations Erosion Control	33.000 EACH	_____.	_____.
0356	628.1910 Mobilizations Emergency Erosion Control	17.000 EACH	_____.	_____.
0358	628.2004 Erosion Mat Class I Type B	4,830.000 SY	_____.	_____.
0360	628.2006 Erosion Mat Urban Class I Type A	5,110.000 SY	_____.	_____.
0362	628.6510 Soil Stabilizer Type B	1.000 ACRE	_____.	_____.



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0364	628.7005 Inlet Protection Type A	350.000 EACH	_____.	_____.
0366	628.7010 Inlet Protection Type B	144.000 EACH	_____.	_____.
0368	628.7015 Inlet Protection Type C	281.000 EACH	_____.	_____.
0370	628.7020 Inlet Protection Type D	80.000 EACH	_____.	_____.
0372	628.7560 Tracking Pads	22.000 EACH	_____.	_____.
0374	628.7570 Rock Bags	10.000 EACH	_____.	_____.
0376	629.0210 Fertilizer Type B	19.400 CWT	_____.	_____.
0378	630.0120 Seeding Mixture No. 20	178.000 LB	_____.	_____.
0380	630.0130 Seeding Mixture No. 30	106.000 LB	_____.	_____.
0382	630.0140 Seeding Mixture No. 40	59.000 LB	_____.	_____.
0384	630.0200 Seeding Temporary	436.000 LB	_____.	_____.
0386	630.0400 Seeding Nurse Crop	1.000 LB	_____.	_____.
0388	631.0300 Sod Water	301.400 MGAL	_____.	_____.
0390	631.1000 Sod Lawn	12,470.000 SY	_____.	_____.
0392	632.0101 Trees (species) (size) (root) 001. Coffeetree, 'Expresso', B&B, 2.5" Cal.	1.000 EACH	_____.	_____.
0394	632.0101 Trees (species) (size) (root) 002. Catalpa, Northern, B&B, 2.5" Cal.	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0396	632.0101 Trees (species) (size) (root) 003. Elm, 'Accolade', B&B, 2.5" Cal.	2.000 EACH	_____.	_____.
0398	632.0101 Trees (species) (size) (root) 004. Elm, American 'Princeton', B&B, 2.5" Cal.	3.000 EACH	_____.	_____.
0400	632.0101 Trees (species) (size) (root) 005. Elm, 'New Horizon', B&B, 2.5" Cal.	1.000 EACH	_____.	_____.
0402	632.0101 Trees (species) (size) (root) 006. Honeylocust, 'Street Keeper', B&B, 2.5" Cal.	11.000 EACH	_____.	_____.
0404	632.0101 Trees (species) (size) (root) 007. Oak, Regal Prince, B&B, 2.5" Cal.	9.000 EACH	_____.	_____.
0406	632.0101 Trees (species) (size) (root) 008. Oak, Schuettes, B&B, 2.5" Cal.	3.000 EACH	_____.	_____.
0408	632.0201 Shrubs (species) (size) (root) 001. Juniper, Pfitzer 'Kallay's Compact', CG, 24" Sp.	62.000 EACH	_____.	_____.
0410	632.9101 Landscape Planting Surveillance and Care Cycles	26.000 EACH	_____.	_____.
0412	633.1000 Delineator Brackets	99.000 EACH	_____.	_____.
0414	634.0412 Posts Wood 4x4-Inch X 12-FT	8.000 EACH	_____.	_____.
0416	634.0414 Posts Wood 4x4-Inch X 14-FT	22.000 EACH	_____.	_____.
0418	634.0416 Posts Wood 4x4-Inch X 16-FT	10.000 EACH	_____.	_____.
0420	634.0612 Posts Wood 4x6-Inch X 12-FT	11.000 EACH	_____.	_____.
0422	634.0614 Posts Wood 4x6-Inch X 14-FT	26.000 EACH	_____.	_____.



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0424	634.0616 Posts Wood 4x6-Inch X 16-FT	18.000 EACH	_____.	_____.
0426	634.0618 Posts Wood 4x6-Inch X 18-FT	26.000 EACH	_____.	_____.
0428	634.0620 Posts Wood 4x6-Inch X 20-FT	8.000 EACH	_____.	_____.
0430	634.0622 Posts Wood 4x6-Inch X 22-FT	3.000 EACH	_____.	_____.
0432	634.0624 Posts Wood 4x6-Inch X 24-FT	1.000 EACH	_____.	_____.
0434	635.0200 Sign Supports Structural Steel HS	1,924.000 LB	_____.	_____.
0436	636.0100 Sign Supports Concrete Masonry **P**	65.200 CY	_____.	_____.
0438	636.0500 Sign Supports Steel Reinforcement	196.000 LB	_____.	_____.
0440	636.1000 Sign Supports Steel Reinforcement HS **P**	4,430.000 LB	_____.	_____.
0442	636.1500 Sign Supports Steel Coated Reinforcement HS **P**	7,480.000 LB	_____.	_____.
0444	637.1220 Signs Type I Reflective SH	1,223.000 SF	_____.	_____.
0446	637.1230 Signs Type I Reflective F	127.500 SF	_____.	_____.
0448	637.2210 Signs Type II Reflective H	1,292.360 SF	_____.	_____.
0450	637.2215 Signs Type II Reflective H Folding	178.200 SF	_____.	_____.
0452	637.2230 Signs Type II Reflective F	334.250 SF	_____.	_____.
0454	638.2102 Moving Signs Type II	24.000 EACH	_____.	_____.



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0456	638.2602 Removing Signs Type II	79.000 EACH	_____.	_____.
0458	638.3000 Removing Small Sign Supports	69.000 EACH	_____.	_____.
0460	638.3150 Removing Overhead Sign Supports Cantilever (structure) 001. S-13-357	1.000 EACH	_____.	_____.
0462	638.3150 Removing Overhead Sign Supports Cantilever (structure) 002. S-13-358	1.000 EACH	_____.	_____.
0464	638.3210 Revising Signs Type I Demountable	1.000 EACH	_____.	_____.
0466	641.1200 Sign Bridge Cantilevered (structure) 006. S-13-444	LS	LUMP SUM	_____.
0468	641.6600 Sign Bridge (structure) 001. S-13-453	LS	LUMP SUM	_____.
0470	641.8100 Overhead Sign Support (structure) 001. S-13-443	LS	LUMP SUM	_____.
0472	641.8100 Overhead Sign Support (structure) 002. S-13-452	LS	LUMP SUM	_____.
0474	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
0476	643.0300 Traffic Control Drums	134,509.000 DAY	_____.	_____.
0478	643.0310.S Temporary Portable Rumble Strips	1.000 LS	_____.	_____.
0480	643.0420 Traffic Control Barricades Type III	9,736.000 DAY	_____.	_____.
0482	643.0500 Traffic Control Flexible Tubular Marker Posts	202.000 EACH	_____.	_____.
0484	643.0600 Traffic Control Flexible Tubular Marker Bases	202.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0486	643.0705 Traffic Control Warning Lights Type A	22,989.000 DAY	_____.	_____.
0488	643.0715 Traffic Control Warning Lights Type C	9,313.000 DAY	_____.	_____.
0490	643.0800 Traffic Control Arrow Boards	187.000 DAY	_____.	_____.
0492	643.0900 Traffic Control Signs	43,084.000 DAY	_____.	_____.
0494	643.0910 Traffic Control Covering Signs Type I	3.000 EACH	_____.	_____.
0496	643.0920 Traffic Control Covering Signs Type II	3.000 EACH	_____.	_____.
0498	643.1000 Traffic Control Signs Fixed Message	31.750 SF	_____.	_____.
0500	643.1050 Traffic Control Signs PCMS	376.000 DAY	_____.	_____.
0502	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0504	644.1410.S Temporary Pedestrian Surface Asphalt	1,760.000 SF	_____.	_____.
0506	644.1601.S Temporary Curb Ramp	6.000 EACH	_____.	_____.
0508	644.1616.S Temporary Pedestrian Safety Fence	1,440.000 LF	_____.	_____.
0510	645.0220 Geogrid Type SR	9,300.000 SY	_____.	_____.
0512	646.1020 Marking Line Epoxy 4-Inch	78,072.000 LF	_____.	_____.
0514	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	70,122.000 LF	_____.	_____.
0516	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch	9,318.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0518	646.3020 Marking Line Epoxy 8-Inch	7,395.000 LF	_____	_____
0520	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch	18,475.000 LF	_____	_____
0522	646.4520 Marking Line Same Day Epoxy 4-Inch	34,965.000 LF	_____	_____
0524	646.5020 Marking Arrow Epoxy	117.000 EACH	_____	_____
0526	646.5120 Marking Word Epoxy	53.000 EACH	_____	_____
0528	646.5220 Marking Symbol Epoxy	36.000 EACH	_____	_____
0530	646.6120 Marking Stop Line Epoxy 18-Inch	368.000 LF	_____	_____
0532	646.7120 Marking Diagonal Epoxy 12-Inch	59.000 LF	_____	_____
0534	646.7220 Marking Chevron Epoxy 24-Inch	1,733.000 LF	_____	_____
0536	646.7405 Marking Crosswalk Paint Transverse Line 6-Inch	742.000 LF	_____	_____
0538	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	952.000 LF	_____	_____
0540	646.7520 Marking Crosswalk Epoxy Ladder Pattern 24-Inch	435.000 LF	_____	_____
0542	646.8120 Marking Curb Epoxy	123.000 LF	_____	_____
0544	646.8220 Marking Island Nose Epoxy	12.000 EACH	_____	_____
0546	646.9000 Marking Removal Line 4-Inch	17,913.000 LF	_____	_____





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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0548	646.9010 Marking Removal Line Water Blasting 4-Inch	29,863.000 LF	_____.	_____.
0550	646.9100 Marking Removal Line 8-Inch	2,259.000 LF	_____.	_____.
0552	646.9110 Marking Removal Line Water Blasting 8-Inch	2,497.000 LF	_____.	_____.
0554	646.9200 Marking Removal Line Wide	488.000 LF	_____.	_____.
0556	646.9210 Marking Removal Line Water Blasting Wide	115.000 LF	_____.	_____.
0558	646.9300 Marking Removal Special Marking	18.000 EACH	_____.	_____.
0560	646.9310 Marking Removal Special Marking Water Blasting	29.000 EACH	_____.	_____.
0562	649.0105 Temporary Marking Line Paint 4-Inch	106,226.000 LF	_____.	_____.
0564	649.0150 Temporary Marking Line Removable Tape 4-Inch	14,372.000 LF	_____.	_____.
0566	649.0205 Temporary Marking Line Paint 8-Inch	3,880.000 LF	_____.	_____.
0568	649.0250 Temporary Marking Line Removable Tape 8-Inch	3,755.000 LF	_____.	_____.
0570	649.0505 Temporary Marking Arrow Paint	12.000 EACH	_____.	_____.
0572	649.0520 Temporary Marking Arrow Epoxy	6.000 EACH	_____.	_____.
0574	649.0550 Temporary Marking Arrow Removable Tape	2.000 EACH	_____.	_____.
0576	649.0805 Temporary Marking Stop Line Paint 18-Inch	452.000 LF	_____.	_____.



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0578	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	357.000 LF	_____.	_____.
0580	650.4000 Construction Staking Storm Sewer	233.000 EACH	_____.	_____.
0582	650.4500 Construction Staking Subgrade	19,242.000 LF	_____.	_____.
0584	650.5000 Construction Staking Base	6,744.000 LF	_____.	_____.
0586	650.5500 Construction Staking Curb Gutter and Curb & Gutter	10,289.000 LF	_____.	_____.
0588	650.6500 Construction Staking Structure Layout (structure) 001. B-13-831	LS	LUMP SUM	_____.
0590	650.6500 Construction Staking Structure Layout (structure) 002. B-13-832	LS	LUMP SUM	_____.
0592	650.6500 Construction Staking Structure Layout (structure) 003. R-13-266	LS	LUMP SUM	_____.
0594	650.6500 Construction Staking Structure Layout (structure) 004. R-13-267	LS	LUMP SUM	_____.
0596	650.6500 Construction Staking Structure Layout (structure) 005. S-13-443	LS	LUMP SUM	_____.
0598	650.6500 Construction Staking Structure Layout (structure) 006. S-13-444	LS	LUMP SUM	_____.
0600	650.6500 Construction Staking Structure Layout (structure) 007. S-13-452	LS	LUMP SUM	_____.
0602	650.6500 Construction Staking Structure Layout (structure) 008. S-13-453	LS	LUMP SUM	_____.
0604	650.7000 Construction Staking Concrete Pavement	12,622.000 LF	_____.	_____.



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0606	650.8000 Construction Staking Resurfacing Reference	34,700.000 LF	_____.	_____.
0608	650.8500 Construction Staking Electrical Installations (project) 001. 1206-08-77	LS	LUMP SUM	_____.
0610	650.9000 Construction Staking Curb Ramps	46.000 EACH	_____.	_____.
0612	650.9910 Construction Staking Supplemental Control (project) 001. 1206-08-77	LS	LUMP SUM	_____.
0614	650.9920 Construction Staking Slope Stakes	4,039.000 LF	_____.	_____.
0616	652.0110 Conduit Rigid Metallic 1-Inch	1,066.000 LF	_____.	_____.
0618	652.0125 Conduit Rigid Metallic 2-Inch	1,444.000 LF	_____.	_____.
0620	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	9,128.000 LF	_____.	_____.
0622	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	6,930.000 LF	_____.	_____.
0624	652.0325 Conduit Rigid Nonmetallic Schedule 80 2-Inch	190.000 LF	_____.	_____.
0626	652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch	1,611.000 LF	_____.	_____.
0628	652.0605 Conduit Special 2-Inch	84.000 LF	_____.	_____.
0630	652.0615 Conduit Special 3-Inch	180.000 LF	_____.	_____.
0632	652.0700.S Install Conduit into Existing Item	55.000 EACH	_____.	_____.
0634	652.0800 Conduit Loop Detector	2,803.000 LF	_____.	_____.



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0636	652.0900 Loop Detector Slots	407.000 LF	_____.	_____.
0638	653.0154 Pull Boxes Non-Conductive 24x36-Inch	11.000 EACH	_____.	_____.
0640	653.0164 Pull Boxes Non-Conductive 24x42-Inch	26.000 EACH	_____.	_____.
0642	653.0220 Junction Boxes 18x6x6-Inch	2.000 EACH	_____.	_____.
0644	653.0222 Junction Boxes 18x12x6-Inch	14.000 EACH	_____.	_____.
0646	653.0900 Adjusting Pull Boxes	28.000 EACH	_____.	_____.
0648	653.0905 Removing Pull Boxes	21.000 EACH	_____.	_____.
0650	654.0101 Concrete Bases Type 1	26.000 EACH	_____.	_____.
0652	654.0102 Concrete Bases Type 2	8.000 EACH	_____.	_____.
0654	654.0105 Concrete Bases Type 5	26.000 EACH	_____.	_____.
0656	654.0106 Concrete Bases Type 6	17.000 EACH	_____.	_____.
0658	654.0110 Concrete Bases Type 10	2.000 EACH	_____.	_____.
0660	654.0217 Concrete Control Cabinet Bases Type 9 Special	3.000 EACH	_____.	_____.
0662	654.1180 Concrete Bases Camera Pole 80-FT	1.000 EACH	_____.	_____.
0664	654.1239 Concrete Control Cabinet Bases ITS	1.000 EACH	_____.	_____.
0666	655.0220 Cable Traffic Signal 4-14 AWG	820.000 LF	_____.	_____.



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0668	655.0230 Cable Traffic Signal 5-14 AWG	10,572.000 LF	_____.	_____.
0670	655.0240 Cable Traffic Signal 7-14 AWG	5,393.000 LF	_____.	_____.
0672	655.0250 Cable Traffic Signal 9-14 AWG	180.000 LF	_____.	_____.
0674	655.0260 Cable Traffic Signal 12-14 AWG	1,623.000 LF	_____.	_____.
0676	655.0270 Cable Traffic Signal 15-14 AWG	5,915.000 LF	_____.	_____.
0678	655.0280 Cable Traffic Signal 19-14 AWG	787.000 LF	_____.	_____.
0680	655.0305 Cable Type UF 2-12 AWG Grounded	510.000 LF	_____.	_____.
0682	655.0515 Electrical Wire Traffic Signals 10 AWG	17,206.000 LF	_____.	_____.
0684	655.0610 Electrical Wire Lighting 12 AWG	16,921.000 LF	_____.	_____.
0686	655.0615 Electrical Wire Lighting 10 AWG	34,748.000 LF	_____.	_____.
0688	655.0620 Electrical Wire Lighting 8 AWG	22,111.000 LF	_____.	_____.
0690	655.0625 Electrical Wire Lighting 6 AWG	29,633.000 LF	_____.	_____.
0692	655.0630 Electrical Wire Lighting 4 AWG	2,100.000 LF	_____.	_____.
0694	655.0700 Loop Detector Lead In Cable	47,866.000 LF	_____.	_____.
0696	655.0800 Loop Detector Wire	23,405.000 LF	_____.	_____.
0698	656.0500 Electrical Service Breaker Disconnect Box (location) 001. CB-ITS-1	LS	LUMP SUM	_____.



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0700	657.0100 Pedestal Bases	27.000 EACH	_____.	_____.
0702	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	53.000 EACH	_____.	_____.
0704	657.0310 Poles Type 3	8.000 EACH	_____.	_____.
0706	657.0322 Poles Type 5-Aluminum	15.000 EACH	_____.	_____.
0708	657.0327 Poles Type 6-Aluminum	17.000 EACH	_____.	_____.
0710	657.0410 Traffic Signal Standards Aluminum 9-FT	5.000 EACH	_____.	_____.
0712	657.0420 Traffic Signal Standards Aluminum 13-FT	21.000 EACH	_____.	_____.
0714	657.0425 Traffic Signal Standards Aluminum 15-FT	1.000 EACH	_____.	_____.
0716	657.0590 Trombone Arms 20-FT	1.000 EACH	_____.	_____.
0718	657.0614 Luminaire Arms Single Member 4-Inch Clamp 8-FT	44.000 EACH	_____.	_____.
0720	657.0615 Luminaire Arms Single Member 4 1/2-Inch Clamp 8-FT	27.000 EACH	_____.	_____.
0722	657.0709 Luminaire Arms Truss Type 4-Inch Clamp 12-FT	8.000 EACH	_____.	_____.
0724	657.0714 Luminaire Arms Truss Type 4-Inch Clamp 15-FT	4.000 EACH	_____.	_____.
0726	657.1345 Install Poles Type 9	1.000 EACH	_____.	_____.
0728	657.1350 Install Poles Type 10	1.000 EACH	_____.	_____.



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0730	657.1530 Install Monotube Arms 30-FT	2.000 EACH	_____.	_____.
0732	657.1808 Install Luminaire Arms Steel 8-FT	2.000 EACH	_____.	_____.
0734	657.6005 Anchor Assemblies Light Poles on Structures	10.000 EACH	_____.	_____.
0736	658.0173 Traffic Signal Face 3S 12-Inch	85.000 EACH	_____.	_____.
0738	658.0174 Traffic Signal Face 4S 12-Inch	2.000 EACH	_____.	_____.
0740	658.0416 Pedestrian Signal Face 16-Inch	36.000 EACH	_____.	_____.
0742	658.0500 Pedestrian Push Buttons	32.000 EACH	_____.	_____.
0744	658.5069 Signal Mounting Hardware (location) 001. CTH PD & Commerce Park Drive	LS	LUMP SUM	_____.
0746	658.5069 Signal Mounting Hardware (location) 002. Verona Road & Williamsburg Way	LS	LUMP SUM	_____.
0748	658.5069 Signal Mounting Hardware (location) 003. Verona Road & CTH PD	LS	LUMP SUM	_____.
0750	659.1125 Luminaires Utility LED C	43.000 EACH	_____.	_____.
0752	661.0200 Temporary Traffic Signals for Intersections (location) 001. CTH PD & Commerce Park Drive	LS	LUMP SUM	_____.
0754	670.0100 Field System Integrator	LS	LUMP SUM	_____.
0756	670.0200 ITS Documentation	LS	LUMP SUM	_____.
0758	671.0300 Fiber Optic Cable Marker	2.000 EACH	_____.	_____.



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0760	673.0200 Tracer Wire Marker Posts	8.000 EACH	_____	_____
0762	673.0200.S Install ITS Field Cabinet	1.000 EACH	_____	_____
0764	674.0200 Cable Microwave Detector	3,040.000 LF	_____	_____
0766	674.0300 Remove Cable	405.000 LF	_____	_____
0768	675.0300 Install Mounted Controller Microwave Detector Assembly	6.000 EACH	_____	_____
0770	677.0180 Install Camera Pole 80-FT	1.000 EACH	_____	_____
0772	677.0200 Install Camera Assembly	1.000 EACH	_____	_____
0774	678.0012 Install Fiber Optic Cable Outdoor Plant 12-CT	8,606.000 LF	_____	_____
0776	678.0036 Install Fiber Optic Cable Outdoor Plant 36-CT	3,475.000 LF	_____	_____
0778	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	6,370.000 LF	_____	_____
0780	678.0200 Fiber Optic Splice Enclosure	7.000 EACH	_____	_____
0782	678.0300 Fiber Optic Splice	108.000 EACH	_____	_____
0784	678.0400 Fiber Optic Termination	72.000 EACH	_____	_____
0786	678.0500 Communication System Testing	LS	LUMP SUM	_____
0788	678.0600 Install Ethernet Switches	5.000 EACH	_____	_____
0790	678.0700 Install Wireless Antennas	2.000 EACH	_____	_____





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Proposal ID: 20181113005 Project(s): 1206-08-77

Federal ID(s): WISC 2018438

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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0792	690.0150 Sawing Asphalt	21,275.000 LF	_____.	_____.
0794	690.0250 Sawing Concrete	2,444.000 LF	_____.	_____.
0796	715.0415 Incentive Strength Concrete Pavement	25,635.000 DOL	1.00000	25,635.00
0798	715.0502 Incentive Strength Concrete Structures	26,598.000 DOL	1.00000	26,598.00
0800	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	3,200.000 HRS	5.00000	16,000.00
0802	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	6,000.000 HRS	5.00000	30,000.00
0804	SPV.0035 Special 001. Roadway Embankment	120,783.000 CY	_____.	_____.
0806	SPV.0035 Special 002. Excavation Special	350.000 CY	_____.	_____.
0808	SPV.0035 Special 300. High Performance Concrete (HPC) Masonry Superstructures **P**	1,985.000 CY	_____.	_____.
0810	SPV.0035 Special 500. Planting Mixture	408.000 CY	_____.	_____.
0812	SPV.0035 Special 501. Topsoil Special	77.000 CY	_____.	_____.
0814	SPV.0045 Special 001. Traffic Control Surveillance and Maintenance	437.000 DAY	_____.	_____.
0816	SPV.0060 Special 001. Utility Line Opening (ULO)	10.000 EACH	_____.	_____.
0818	SPV.0060 Special 002. Maintenance of Permanent Crash Cushions Placed By Others	4.000 EACH	_____.	_____.
0820	SPV.0060 Special 003. Posts Round Tubular Steel 2 3/8-Inch x 8-FT	4.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0822	SPV.0060 Special 004. Posts Round Tubular Steel 2 3/8-Inch x 10-FT	11.000 EACH	_____.	_____.
0824	SPV.0060 Special 005. Posts Round Tubular Steel 2 3/8-Inch x 12-FT	4.000 EACH	_____.	_____.
0826	SPV.0060 Special 006. V-Loc Base	19.000 EACH	_____.	_____.
0828	SPV.0060 Special 007. Department Owned Crash Cushion Temporary	6.000 EACH	_____.	_____.
0830	SPV.0060 Special 047. Inlets Type AZ	3.000 EACH	_____.	_____.
0832	SPV.0060 Special 048. Inlets Type VR1312	1.000 EACH	_____.	_____.
0834	SPV.0060 Special 049. Inlets Type C4691	1.000 EACH	_____.	_____.
0836	SPV.0060 Special 050. Inlets Type FLI	2.000 EACH	_____.	_____.
0838	SPV.0060 Special 051. Inlet Protection Type FLI	2.000 EACH	_____.	_____.
0840	SPV.0060 Special 052. Inlet Covers, Flat Temporary	15.000 EACH	_____.	_____.
0842	SPV.0060 Special 053. Storm Sewer Tap	49.000 EACH	_____.	_____.
0844	SPV.0060 Special 054. Inlet Covers Type FLI	2.000 EACH	_____.	_____.
0846	SPV.0060 Special 055. Inlet Covers Type AZ	6.000 EACH	_____.	_____.
0848	SPV.0060 Special 056. Inlet Covers Type C4691	1.000 EACH	_____.	_____.
0850	SPV.0060 Special 057. Inlet Covers Type VR1312	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0852	SPV.0060 Special 100. Pull Boxes, Polymer Concrete 17x30-Inch	10.000 EACH	_____.	_____.
0854	SPV.0060 Special 101. Pull Box Type I	8.000 EACH	_____.	_____.
0856	SPV.0060 Special 102. Pull Box Type III	3.000 EACH	_____.	_____.
0858	SPV.0060 Special 103. Pull Box Type V	3.000 EACH	_____.	_____.
0860	SPV.0060 Special 104. Concrete Bases Type G	4.000 EACH	_____.	_____.
0862	SPV.0060 Special 105. Concrete Bases Type LB-8	2.000 EACH	_____.	_____.
0864	SPV.0060 Special 106. Transformer Base Steel 20-Inch	1.000 EACH	_____.	_____.
0866	SPV.0060 Special 107. Traffic Signal Trombone Arms, 15-FT	1.000 EACH	_____.	_____.
0868	SPV.0060 Special 108. Pole 30-FT 7 Gauge	1.000 EACH	_____.	_____.
0870	SPV.0060 Special 109. Install Non-Intrusive Detection	6.000 EACH	_____.	_____.
0872	SPV.0060 Special 110. Remove Wireless Antenna	6.000 EACH	_____.	_____.
0874	SPV.0060 Special 111. Relocate Wireless ITS Bluetooth Detector	3.000 EACH	_____.	_____.
0876	SPV.0060 Special 112. Remove Non-Intrusive Detection	10.000 EACH	_____.	_____.
0878	SPV.0060 Special 113. Reinstall Traffic Signal Equipment	4.000 EACH	_____.	_____.
0880	SPV.0060 Special 114. Concrete Control Cabinet Base Type 9 Special (Mod.)	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0882	SPV.0060 Special 150. Luminaires Underdeck LED	8.000 EACH	_____.	_____.
0884	SPV.0060 Special 151. Luminaires Utility LED-B-City of Fitchburg	39.000 EACH	_____.	_____.
0886	SPV.0060 Special 152. Luminaires Utility LED-C-City of Fitchburg	2.000 EACH	_____.	_____.
0888	SPV.0060 Special 153. Remove Existing City-Owned Light Pole Assembly	17.000 EACH	_____.	_____.
0890	SPV.0060 Special 154. Steel Light Pole With Festoon	24.000 EACH	_____.	_____.
0892	SPV.0060 Special 155. Modify Existing Lighting Cabinet	1.000 EACH	_____.	_____.
0894	SPV.0060 Special 156. Remove Existing City-Owned Lighting Cabinet	1.000 EACH	_____.	_____.
0896	SPV.0060 Special 500. Perennials, Allim, 'Summer Beauty', CG, 1 Gal.	351.000 EACH	_____.	_____.
0898	SPV.0060 Special 501. Perennials, Black-Eyed Susan, 'Viette's Little Suzy', CG, 1 Gal.	563.000 EACH	_____.	_____.
0900	SPV.0060 Special 502. Perennials, Coneflower, 'Pixie Meadowbrite', CG, 1 Gal.	236.000 EACH	_____.	_____.
0902	SPV.0060 Special 503. Perennials, Eenie Weenie Daylily, CG, 1 Gal.	233.000 EACH	_____.	_____.
0904	SPV.0060 Special 504. Perennials, Gayfeather, Spiked 'Kobold', CG, 1 Gal.	90.000 EACH	_____.	_____.
0906	SPV.0060 Special 505. Perennials, Little Trudy Catmint, CG, 1 Gal.	310.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0908	SPV.0060 Special 506. Perennials, Prairie Dropseed, 'Tara', CG, 1 Gal.	797.000 EACH	_____.	_____.
0910	SPV.0060 Special 507. Perennials, Sedum, 'Autumn Joy', CG, 1 Gal.	74.000 EACH	_____.	_____.
0912	SPV.0060 Special 508. Perennials, Salvia, 'Caradonna', CG, 1 Gal.	384.000 EACH	_____.	_____.
0914	SPV.0060 Special 509. Perennials, Salvia, 'Marcus', CG, 1 Gal.	301.000 EACH	_____.	_____.
0916	SPV.0060 Special 510. Perennials, Switch Grass, 'Northwind', CG, 1 Gal.	412.000 EACH	_____.	_____.
0918	SPV.0060 Special 511. Perennials, White False Indigo, CG, 1 Gal.	43.000 EACH	_____.	_____.
0920	SPV.0060 Special 600. Fire Hydrants	2.000 EACH	_____.	_____.
0922	SPV.0060 Special 601. Remove Existing Hydrant	2.000 EACH	_____.	_____.
0924	SPV.0060 Special 602. Water Valve, 6-Inch	1.000 EACH	_____.	_____.
0926	SPV.0060 Special 603. Water Valve, 8-Inch	2.000 EACH	_____.	_____.
0928	SPV.0060 Special 604. Adjust Existing Valve Box	16.000 EACH	_____.	_____.
0930	SPV.0060 Special 605. Remove Existing Valve Box	12.000 EACH	_____.	_____.
0932	SPV.0060 Special 606. Remove Existing Water Valve Manhole	1.000 EACH	_____.	_____.
0934	SPV.0060 Special 607. Connect to Existing Water Main	6.000 EACH	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0936	SPV.0060 Special 608. Abandon Existing Water Main	3.000 EACH	_____.	_____.
0938	SPV.0060 Special 609. Water Valve, 14-Inch	2.000 EACH	_____.	_____.
0940	SPV.0060 Special 610. Remove Existing Sanitary Sewer Structure	2.000 EACH	_____.	_____.
0942	SPV.0060 Special 611. Reconstruct Existing Sanitary Sewer Structure	5.000 EACH	_____.	_____.
0944	SPV.0060 Special 612. Adjusting Sanitary Manhole Covers	9.000 EACH	_____.	_____.
0946	SPV.0060 Special 700. Baseline CPM Progress Schedule	1.000 EACH	_____.	_____.
0948	SPV.0060 Special 701. CPM Progress Schedule Updates and Accepted Revisions	20.000 EACH	_____.	_____.
0950	SPV.0075 Special 001. Street Sweeping	440.000 HRS	_____.	_____.
0952	SPV.0085 Special 001. Seeding Mixture Detention Pond, Short Grass Prairie	1.000 LB	_____.	_____.
0954	SPV.0090 Special 001. Concrete Curb & Gutter 4-Inch Sloped 5-Foot Type A	624.000 LF	_____.	_____.
0956	SPV.0090 Special 002. Concrete Curb & Gutter 24-Inch Type D	4,326.000 LF	_____.	_____.
0958	SPV.0090 Special 003. Concrete Curb & Gutter 32-Inch Special	40.000 LF	_____.	_____.
0962	SPV.0090 Special 006. Removing Department-Owned Concrete Barrier Precast	3,169.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0964	SPV.0090 Special 007. Concrete Barrier Temporary Precast Delivered - Department Owned	2,113.000 LF	_____.	_____.
0966	SPV.0090 Special 008. Concrete Curb & Gutter 30-Inch Type D HES	96.000 LF	_____.	_____.
0968	SPV.0090 Special 009. Pedestrian Overhead Protection	210.000 LF	_____.	_____.
0970	SPV.0090 Special 010. Marking Stop Line Epoxy 24-Inch	228.000 LF	_____.	_____.
0972	SPV.0090 Special 011. Marking Crosswalk Epoxy 12-Inch	883.000 LF	_____.	_____.
0974	SPV.0090 Special 012. Removing HMA Pavement Longitudinal Joint Milling	40,270.000 LF	_____.	_____.
0976	SPV.0090 Special 050. Pipe Underdrain 6-Inch with Geotextile Fabric and Aggregate	23,412.000 LF	_____.	_____.
0978	SPV.0090 Special 500. Shovel Cut Edging	60.000 LF	_____.	_____.
0980	SPV.0090 Special 600. Water Main, 6-Inch	20.000 LF	_____.	_____.
0982	SPV.0090 Special 601. Water Main, 8-Inch	100.000 LF	_____.	_____.
0984	SPV.0090 Special 602. Granular Backfill for Water Main	145.000 LF	_____.	_____.
0986	SPV.0090 Special 603. Insulation	100.000 LF	_____.	_____.
0988	SPV.0090 Special 604. Water Main, 14-Inch	25.000 LF	_____.	_____.
0990	SPV.0105 Special 001. Research and Locate Existing Property Monuments	LS	LUMP SUM	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0992	SPV.0105 Special 002. Verify and Replace Existing Property Monuments	LS	LUMP SUM	_____.
0994	SPV.0105 Special 003. Construction Staking Supplemental Features	LS	LUMP SUM	_____.
0996	SPV.0105 Special 004. Temporary Haul Road	LS	LUMP SUM	_____.
0998	SPV.0105 Special 050. Storm Sewer Inlet Cap	LS	LUMP SUM	_____.
1000	SPV.0105 Special 051. Storm Sewer Pipe Cap	LS	LUMP SUM	_____.
1002	SPV.0105 Special 100. Remove Traffic Signals, CTH PD & Kapec Road	LS	LUMP SUM	_____.
1004	SPV.0105 Special 101. Remove Traffic Signals, CTH PD & Commerce Park Drive	LS	LUMP SUM	_____.
1006	SPV.0105 Special 102. Remove ITS Camera Assembly	LS	LUMP SUM	_____.
1008	SPV.0105 Special 103. Install EVP Detector, Verona Road & Williamsburg Way	LS	LUMP SUM	_____.
1010	SPV.0105 Special 104. Install EVP Detector, CTH PD & Commerce Park Drive	LS	LUMP SUM	_____.
1012	SPV.0105 Special 200. Interim Traffic Signals for Intersections USH 18/151 and Williamsburg Way	LS	LUMP SUM	_____.
1014	SPV.0105 Special 201. Interim Traffic Signals for Intersections USH 18/151 and CTH PD	LS	LUMP SUM	_____.
1016	SPV.0105 Special 300. Galvanize and Paint Steel Signal Supports B-13-831	LS	LUMP SUM	_____.





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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1018	SPV.0105 Special 301. Galvanize and Paint Steel Signal Supports B-13-832	LS	LUMP SUM	_____.
1020	SPV.0105 Special 600. Construction Staking Water Main	LS	LUMP SUM	_____.
1022	SPV.0120 Special 001. Water For Seeded Areas	87.400 MGAL	_____.	_____.
1024	SPV.0165 Special 001. Colored and Stamped Concrete 5-Inch	77,920.000 SF	_____.	_____.
1026	SPV.0165 Special 002. Salvage and Replace Landscaping Stone	650.000 SF	_____.	_____.
1028	SPV.0165 Special 003. Curb Ramp Detectable Warning Field Temporary	200.000 SF	_____.	_____.
1030	SPV.0165 Special 300. Wall Concrete Panel Mechanically Stabilized Earth R-13-266 **P**	24,150.000 SF	_____.	_____.
1032	SPV.0165 Special 301. Wall Concrete Panel Mechanically Stabilized Earth R-13-267 **P**	22,770.000 SF	_____.	_____.
1034	SPV.0165 Special 302. Longitudinal Grooving Bridge Deck **P**	46,300.000 SF	_____.	_____.
1036	SPV.0180 Special 001. Asphaltic Surface Safety Islands	5,455.000 SY	_____.	_____.
1038	SPV.0180 Special 002. Infiltration Basin Compost	4,700.000 SY	_____.	_____.
1040	SPV.0180 Special 500. Shredded Hardwood Bark Mulch	1,214.000 SY	_____.	_____.
1042	SPV.0195 Special 001. Excavation, Hauling, & Disposal Of Cntmntd Soil & Mngmnt Of Cntmntd Grndwt	700.000 TON	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1044	603.3559 Concrete Barrier Transition Type S42 to S56	1.000 EACH	_____.	_____.
	Section: 0001		Total:	_____.
			Total Bid:	_____.