Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
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November 28, 2018

NOTICE TO ALL CONTRACTORS:

Proposal #01:

ID 1005-10-77, WISC 2019 001
Illinois State Line – Madison
USH 14 Int North to Kennedy Road
IH 39
Rock County

ID 1005-10-83
Illinois State Line – Madison
USH 14 Int North to Kennedy Road
IH 39
Rock County

ID 1005-10-87, WIS 2019 002
Illinois State Line – Madison
USH 14 Interchange
IH 39
Rock County

ID 5569-00-71, WISC 2019 004
Humes Road, City of Janesville
Lexington Street to Pontiac Drive
USH 14
Rock County

Letting of December 11, 2018

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
4	Prosecution and Progress
6	Traffic
28	Design Model Data
85	Intelligent Transportation Systems (ITS) – Control of Materials
111	Removing Billboard Sign and Sign Structures, Item SPV.0060.012

Added Special Provisions	
Article No.	Description
227	Sawing Pavement Deck Preparation Areas, Item 509.0310.S
228	Polymer Overlay, Item 509.5100.S
229	Deck Patching, Item SPV.0035.701
230	Temporary Concrete Barrier Gate, Item SPV.0060.213

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
203.0100	Removing Small Pipe Culverts	EACH	88	1	89
204.0100	Removing Pavement	SY	188,649	-2,500	186,149
204.0110	Removing Asphaltic Surface	SY	2,583	237	2,820
204.0220	Removing Inlets	EACH	145	2	147
204.0245	Removing Storm Sewer 004. 24-Inch	LF	1,666	266	1,932
205.0100	Excavation Common	CY	894,098	26,558	920,656
208.1100	Select Borrow	CY	143,452	2,414	145,866
305.0110	Base Aggregate Dense 3/4-Inch	TON	10,500	600	11,100
305.0120	Base Aggregate Dense 1 1/4-Inch	TON	286,417	1,000	287,417
*415.0090	Concrete Pavement 9-Inch	SY	2,050	0	2,050
*415.0100	Concrete Pavement 10-Inch	SY	155,407	0	155,407
*415.0110	Concrete Pavement 11-Inch	SY	11,200	0	11,200
*415.0120	Concrete Pavement 12-Inch	SY	15,900	0	15,900
*415.0130	Concrete Pavement 13-Inch	SY	203,800	0	203,800
*415.0410	Concrete Pavement Approach Slab	SY	3,120	0	3,120
*415.1100	Concrete Pavement HES 10-Inch	SY	7,512	0	7,512
*416.0160	Concrete Driveway 6-Inch	SY	136	0	136
*416.1010	Concrete Surface Drains	CY	26	0	26
416.1110	Concrete Shoulder Rumble Strips	LF	64,200	11,200	75,400
450.4000	HMA Cold Weather Paving	TON	1,270	170	1,440
460.5224	HMA Pavement 4LT 58-28 S	TON	7,051	170	7,221
*502.0100	Concrete Masonry Bridges	CY	3,697	0	3,697
**502.3200	Protective Surface Treatment	SY	18,757	-7,680	11,077
*503.0137	Prestressed Girder Type I 36W-Inch	LF	5,932	0	5,932
*503.0146	Prestressed Girder Type I 45W-Inch	LF	9,325	0	9,325
*504.0500	Concrete Masonry Retaining Walls	CY	5,105	0	5,105
*505.0400	Bar Steel Reinforcement HS Structures	LB	188,500	0	188,500
*505.0600	Bar Steel Reinforcement HS Coated Structures	LB	2,252,360	0	2,252,360
*506.4000	Steel Diaphragms (structure) 001. B-53-0338	EACH	48	0	48
*506.4000	Steel Diaphragms (structure) 002. B-53-0339	EACH	48	0	48
*506.4000	Steel Diaphragms (structure) 003. B-53-0371	EACH	22	0	22
*506.4000	Steel Diaphragms (structure) 004. B-53-0341	EACH	20	0	20
*506.4000	Steel Diaphragms (structure) 005. B-53-0342	EACH	48	0	48
*506.4000	Steel Diaphragms (structure) 006. B-53-0343	EACH	48	0	48
*506.4000	Steel Diaphragms (structure) 007. B-53-0344	EACH	11	0	11
*506.4000	Steel Diaphragms (structure) 008. B-53-0345	EACH	11	0	11
*506.4000	Steel Diaphragms (structure) 009. B-53-0346	EACH	16	0	16
*506.4000	Steel Diaphragms (structure) 010. B-53-0347	EACH	16	0	16

*517.1010.S	Concrete Staining (structure) 001. B-53-0338	SF	11,660	0	11,660
*517.1010.S	Concrete Staining (structure) 002. B-53-0339	SF	11,762	0	11,762
*517.1010.S	Concrete Staining (structure) 003. B-53-0371	SF	4,513	0	4,513
*517.1010.S	Concrete Staining (structure) 004. B-53-0341	SF	4,380	0	4,380
*517.1010.S	Concrete Staining (structure) 005. B-53-0342	SF	9,190	0	9,190
*517.1010.S	Concrete Staining (structure) 006. B-53-0343	SF	9,304	0	9,304
*517.1010.S	Concrete Staining (structure) 007. B-53-0346	SF	4,340	0	4,340
*517.1010.S	Concrete Staining (structure) 008. B-53-0347	SF	4,300	0	4,300
*517.1010.S	Concrete Staining (structure) 009. R-53-0042	SF	15,260	0	15,260
*517.1010.S	Concrete Staining (structure) 010. R-53-0043	SF	15,690	0	15,690
*517.1010.S	Concrete Staining (structure) 011. R-53-0044	SF	4,860	0	4,860
*517.1010.S	Concrete Staining (structure) 012. R-53-0045	SF	5,390	0	5,390
*517.1010.S	Concrete Staining (structure) 013. R-53-0047	SF	17,212	0	17,212
*517.1010.S	Concrete Staining (structure) 014. R-53-0048	SF	70,817	0	70,817
*517.1010.S	Concrete Staining (structure) 015. R-53-0049	SF	21,149	0	21,149
*517.1010.S	Concrete Staining (structure) 016. R-53-0053	SF	4,670	0	4,670
*517.1010.S	Concrete Staining (structure) 017. R-53-0054	SF	5,200	0	5,200
*517.1010.S	Concrete Staining (structure) 018. R-53-0055	SF	16,450	0	16,450
*517.1010.S	Concrete Staining (structure) 019. R-53-0058	SF	4,275	0	4,275
*517.1010.S	Concrete Staining (structure) 020. R-53-0059	SF	5,050	0	5,050
*517.1010.S	Concrete Staining (structure) 021. S-53-0078	SF	1,360	0	1,360
*517.1010.S	Concrete Staining (structure) 022. S-53-0079	SF	1,160	0	1,160
*517.1010.S	Concrete Staining (structure) 023. S-53-0080	SF	1,440	0	1,440
*517.1010.S	Concrete Staining (structure) 024. S-53-0081	SF	1,080	0	1,080
*517.1010.S	Concrete Staining (structure) 025. S-53-0082	SF	1,050	0	1,050
*517.1010.S	Concrete Staining (structure) 026. S-53-0083	SF	1,460	0	1,460
*517.1010.S	Concrete Staining (structure) 027. S-53-0084	SF	310	0	310

*517.1010.S	Concrete Staining (structure) 028. S-53-0085	SF	1,050	0	1,050
*517.1010.S	Concrete Staining (structure) 029. Northbound Gateway Sign	SF	722	0	722
*517.1010.S	Concrete Staining (structure) 030. Southbound Gateway Sign	SF	714	0	714
*517.1050.S	Architectural Surface Treatment (structure) 001. B-53-0338	SF	1,510	0	1,510
*517.1050.S	Architectural Surface Treatment (structure) 002. B-53-0339	SF	1,567	0	1,567
*517.1050.S	Architectural Surface Treatment (structure) 003. B-53-0371	SF	1,145	0	1,145
*517.1050.S	Architectural Surface Treatment (structure) 004. B-53-0341	SF	1,265	0	1,265
*517.1050.S	Architectural Surface Treatment (structure) 005. B-53-0342	SF	1,151	0	1,151
*517.1050.S	Architectural Surface Treatment (structure) 006. B-53-0343	SF	1,267	0	1,267
*517.1050.S	Architectural Surface Treatment (structure) 007. B-53-0346	SF	770	0	770
*517.1050.S	Architectural Surface Treatment (structure) 008. B-53-0347	SF	710	0	710
*517.1050.S	Architectural Surface Treatment (structure) 009. R-53-0042	SF	8,130	0	8,130
*517.1050.S	Architectural Surface Treatment (structure) 010. R-53-0043	SF	9,650	0	9,650
*517.1050.S	Architectural Surface Treatment (structure) 011. R-53-0044	SF	3,510	0	3,510
*517.1050.S	Architectural Surface Treatment (structure) 012. R-53-0045	SF	3,990	0	3,990
*517.1050.S	Architectural Surface Treatment (structure) 013. R-53-0047	SF	10,274	0	10,274
*517.1050.S	Architectural Surface Treatment (structure) 014. R-53-0048	SF	50,003	0	50,003
*517.1050.S	Architectural Surface Treatment (structure) 015. R-53-0049	SF	14,287	0	14,287
*517.1050.S	Architectural Surface Treatment (structure) 016. R-53-0053	SF	3,470	0	3,470
*517.1050.S	Architectural Surface Treatment (structure) 017. R-53-0054	SF	3,960	0	3,960
*517.1050.S	Architectural Surface Treatment (structure) 018. R-53-0055	SF	11,623	0	11,623
*517.1050.S	Architectural Surface Treatment (structure) 019. R-53-0058	SF	3,240	0	3,240
*517.1050.S	Architectural Surface Treatment (structure) 020. R-53-0059	SF	3,900	0	3,900
*517.1050.S	Architectural Surface Treatment (structure) 021. Northbound Gateway Sign	SF	399	0	399
*517.1050.S	Architectural Surface Treatment (structure) 022. Southbound Gateway Sign	SF	374	0	374
520.8000	Concrete Collars for Pipe	EACH	53	2	55

522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	381	83	464
522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	554	51	605
522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	55	2	57
522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	59	2	61
524.0624	Apron Endwalls for Culvert Pipe Salvaged 24-Inch	EACH	1	1	2
*601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	2,816	0	2,816
*601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	1,308	0	1,308
*601.0417	Concrete Curb & Gutter 30-Inch Type K	LF	2,049	0	2,049
*601.0419	Concrete Curb & Gutter 30-Inch Type L	LF	4,341	0	4,341
*601.0551	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	LF	155	0	155
601.0590	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBTT	LF	270	-51	219
*602.0410	Concrete Sidewalk 5-Inch	SF	148,362	0	148,362
*603.1142	Concrete Barrier Type S42	LF	50,320	0	50,320
*603.1456	Concrete Barrier Type S56C	LF	1,897	0	1,897
603.8000	Concrete Barrier Temporary Precast Delivered	LF	93,650	18,000	111,650
603.8125	Concrete Barrier Temporary Precast Installed	LF	99,150	33,275	132,425
614.0230	Steel Thrie Beam	LF	2,200	175	2,375
614.2300	MGS Guardrail 3	LF	6,025	2,525	8,550
614.2500	MGS Thrie Beam Transition	LF	412	87	499
614.2610	MGS Guardrail Terminal EAT	EACH	11	2	13
614.2620	MGS Guardrail Terminal Type 2	EACH	10	2	12
*616.0100	Fence Woven Wire (height) 001. 4-FT	LF	2,795	0	2,795
*616.0206	Fence Chain Link 6-FT	LF	25,647	0	25,647
*620.0200	Concrete Median Blunt Nose	SF	292	0	292
*620.0300	Concrete Median Sloped Nose	SF	5,071	0	5,071
624.0100	Water	MGAL	9,572	-696	8,876
625.0500	Salvaged Topsoil	SY	420,450	31,0000	451,450
627.0200	Mulching	SY	351,000	26,000	377,000
628.1504	Silt Fence	LF	53,345	1,000	54,345
628.1520	Silt Fence Maintenance	LF	155,890	7,000	162,890
628.1905	Mobilizations Erosion Control	EACH	189	-4	185
628.1910	Mobilizations Emergency Erosion Control	EACH	97	-2	95
628.2008	Erosion Mat Urban Class I Type B	SY	137,000	40,417	177,417
628.7504	Temporary Ditch Checks	LF	2,130	180	2,310
628.7555	Culvert Pipe Checks	EACH	352	30	382
629.0205	Fertilizer Type A	CWT	529	30	559
630.0120	Seeding Mixture No. 20	LB	7,920	1,000	8,920
630.0130	Seeding Mixture No. 30	LB	7,486	200	7,686
632.0101	Trees 001. Maple, Sugar, B&B, 2 ½-Inch Cal.	EACH	55	5	60
632.0101	Trees 002. Oak, Bur, B&B, 2-Inch Cal.	EACH	52	6	58
632.0101	Trees 003. Oak, Red, B&B, 2-Inch Cal.	EACH	32	8	40

632.0101	Trees 007. Maple, Freeman Marmo, B&B, 2 ½-Inch Cal.	EACH	27	8	35
632.0101	Trees 008. Oak, Northern Pin, B&B, 2-Inch Cal.	EACH	36	1	37
632.0101	Trees 013. Hawthorn, Winter King (Shrub form Tree), B&B, 6-Foot Ht.	EACH	45	9	54
632.0101	Trees 015. Oak, Swamp White, B&B, 2 ½-Inch Cal.	EACH	26	3	29
632.0101	Trees 018. Hickory, Shagbark, B&B, 2 ½-Inch Cal.	EACH	62	8	70
632.0101	Trees 021. Pine, Austrian, B&B, 8-Foot Ht.	EACH	19	3	22
632.0101	Trees 024. Crabapple, Donald Wyman (Shrub form Tree), B&B, 8-Foot Ht.	EACH	36	8	44
632.0101	Trees 025. Hawthorn, Thornless Cockspur, B&B, 6-Foot Ht.	EACH	17	8	25
632.0101	Trees 026. Crabapple, Prairie, B&B, 6-Foot Ht.	EACH	9	3	12
632.0201	Shrubs 003. Sumac, Staghorn, Container, 3-Foot Ht. #5	EACH	169	-44	125
632.0201	Shrubs 009. Ninebark, Common, Container, 3-Foot Ht. #5	EACH	18	17	35
633.0100	Delineator Posts Steel	EACH	100	25	125
633.0500	Delineator Reflectors	EACH	360	20	380
633.5200	Markers Culvert End	EACH	188	6	194
634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	89	-2	87
634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	179	7	186
634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	58	3	61
*636.0100	Sign Supports Concrete Masonry	CY	817.6	0	817.6
637.2210	Signs Type II Reflective H	SF	3,789.06	149.50	3,938.56
638.2102	Moving Signs Type II	EACH	58	4	62
638.3000	Removing Small Sign Supports	EACH	372	4	376
643.0300	Traffic Control Drums	DAYS	393,500	18,000	411,500
643.0705	Traffic Control Warning Lights Type A	DAYS	104,300	300	104,600
643.0715	Traffic Control Warning Lights Type C	DAYS	70,000	20,000	90,000
643.0900	Traffic Control Signs	DAYS	395,600	7,900	403,500
643.1000	Traffic Control Signs Fixed Message	SF	2,101.67	431.25	2,532.92
645.0220	Geogrid Type SR	SY	46,657	725	47,382
646.1020	Marking Line Epoxy 4-Inch	LF	164,511	-500	164,011
646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	152,400	31,900	184,300
646.1555	Marking Line Grooved Contrast Permanent Tape 4-Inch	LF	35,550	8,000	43,550
646.6464	Cold Weather Marking Epoxy	LF	59,510	41,090	100,600
646.9010	Marking Removal Line Water Blasting 4-Inch	LF	247,750	1,700	249,450
649.0120	Temporary Marking Line Epoxy 4-Inch	LF	143,000	49,700	192,700
649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	103,700	57,900	161,600
649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	12,250	700	12,950
649.0760	Temporary Marking Raised Pavement Marker Type I	EACH	655	570	1,225

*652.0110	Conduit Rigid Metallic 1-Inch	LF	32	0	32
*652.0125	Conduit Rigid Metallic 2-Inch	LF	411	0	411
*652.0215	Conduit Rigid Nonmetallic Schedule 40 1 1/4-Inch	LF	4,622	0	4,622
*652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	84,914	0	84,914
*652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	31,889	0	31,889
*652.0605	Conduit Special 2-Inch	LF	92	0	92
*652.0615	Conduit Special 3-Inch	LF	1,104	0	1,104
*652.0800	Conduit Loop Detector	LF	15,574	0	15,574
*671.0132	Conduit HDPE 3-Duct 2-Inch	LF	14,030	0	14,030
*671.0232	Conduit HDPE Directional Bore 3-Duct 2-Inch	LF	405	0	405
678.0072	Install Fiber Optic Cable Outdoor Plant 72-CT	LF	67,396	-13,952	53,444
690.0250	Sawing Concrete	LF	19,287	1,801	21,088
SPV.0005	Special 500. Subsoiling	ACRE	14	20	34
SPV.0005	Special 501. Pre-Planting Vegetation Treatment	ACRE	68	19	87
SPV.0005	Special 502. Seed Bed Preparation	ACRE	34	10	44
SPV.0035	Special 001. Roadway Embankment	CY	974,435	2,857	977,292
SPV.0035	Special 501. Topsoil Special	CY	4,990.50	314.00	5,304.50
*SPV.0035	Special 700. High Performance Concrete (HPC) Masonry Structures	CY	7,835	0	7,835
SPV.0060	Special 012. Removing Billboard Sign and Sign Structure	EACH	2	1	3
SPV.0060	Special 203. Crash Cushion Temporary Low Maintenance	EACH	17	1	18
SPV.0060	Special 507. Delineator Post Steel Modified	EACH	88	72	160
SPV.0085	Special 510. Seeding Native Mix N2	LB	746	268	1,014
SPV.0085	Special 511. Seeding Native Mix N3	LB	30	5	35
SPV.0085	Special 512. Seeding Native Mix N4	LB	30	4	34
SPV.0090	Special 201. Maint and Removal of Concrete Barrier Temp Precast Left in Place	LF	20,200	2,200	22,400
SPV.0090	Special 203. Traffic Control Gawk Screen Installed	LF	21,000	-1,100	19,900
SPV.0090	Special 204. Traffic Control Glare Screen Furnished	LF	11,000	2,950	13,950
SPV.0090	Special 205. Traffic Control Glare Screen Installed	LF	18,600	3,000	21,600
**SPV.0165	Special 700. Longitudinal Grooving Bridge Deck	SF	163,606	-124,411	39,195
*SPV.0165	Special 853. Wall Concrete Panel Mechanically Stabilized Earth, R-53-42	SF	11,090	0	11,090
*SPV.0165	Special 854. Wall Concrete Panel Mechanically Stabilized Earth, R-53-43	SF	12,140	0	12,140
*SPV.0165	Special 855. Wall Concrete Panel Mechanically Stabilized Earth, R-53-44	SF	4,420	0	4,420

*SPV.0165	Special 856. Wall Concrete Panel Mechanically Stabilized Earth, R-53-45	SF	4,940	0	4,940
*SPV.0165	Special 857. Wall Concrete Panel Mechanically Stabilized Earth, R-53-47	SF	12,961	0	12,961
*SPV.0165	Special 858. Wall Concrete Panel Mechanically Stabilized Earth, R-53-48	SF	58,116	0	58,116
*SPV.0165	Special 859. Wall Concrete Panel Mechanically Stabilized Earth, R-53-49	SF	17,255	0	17,255
*SPV.0165	Special 860. Wall Concrete Panel Mechanically Stabilized Earth, R-53-53	SF	4,270	0	4,270
*SPV.0165	Special 861. Wall Concrete Panel Mechanically Stabilized Earth, R-53-54	SF	4,790	0	4,790
*SPV.0165	Special 862. Wall Concrete Panel Mechanically Stabilized Earth, R-53-55	SF	13,432	0	13,432
*SPV.0165	Special 863. Wall Concrete Panel Mechanically Stabilized Earth, R-53-56	SF	7,210	0	7,210
*SPV.0165	Special 864. Wall Concrete Panel Mechanically Stabilized Earth, R-53-57	SF	7,460	0	7,460
*SPV.0165	Special 865. Wall Concrete Panel Mechanically Stabilized Earth, R-53-58	SF	3,956	0	3,956
*SPV.0165	Special 866. Wall Concrete Panel Mechanically Stabilized Earth, R-53-59	SF	4,735	0	4,735

This addendum removes the pay plan quantity designation on all bid items.
*Bid items were pay plan quantity and there were no quantity changes to items.
**Bid items were pay plan quantity and there were quantity changes to items.

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
509.0301	Preparation Decks Type 1	SY	0	60	60
509.0302	Preparation Decks Type 2	SY	0	20	20
509.0310.S	Sawing Pavement Deck Preparation Areas	LF	0	500	500
509.5100.S	Polymer Overlay	SY	0	13,828	13,828
632.0101	Trees 034. Cedar, Eastern Red, B&B, 8-Foot Ht.	EACH	0	5	5
632.0201	Shrubs 014. Sumac, Smooth, Container, 3-Foot Ht. #5	EACH	0	62	62
SPV.0035	Special 701. Deck Patching	CY	0	12	12
SPV.0060	Special 213. Temporary Concrete Barrier Gate	EACH	0	1	1

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
2-4	General Notes: Update contact information, alignment and cross section identifiers
5	Project Overview: Extend construction limits to Townline Road
28	Finished Typical Sections: Extend construction limits to Townline Road
127	Construction Details: add detail for shoulder removal
129	Construction Details: Add additional locations to Thrie Beam Connection
200	Infiltration and Detention Basin Location Map: Extend construction limits to Townline Road
227, 280	Removal Plan: Add and revise removing billboards
281-282, 284	Removal Plan: Extend construction limits to Townline Road
370-371	Plan Details: Extend construction limits to Townline Road
555	Storm Sewer: Revise structure number
729	Vegetation Overview: Extend construction limits to Townline Road
774	Plant Schedule: Revise Plant Name
777-778	Plant Schedule & Coordinates: Extend construction limits to Townline Road
812-829	Signing Removal: Revise sheet numbers and extend construction limits to Townline Road
845	Permanent Signing: Extend construction limits to Townline Road
881-882	Pavement Marking: Extend construction limits to Townline Road
1002-1008	ITS Plans: Revise plans based on previous project construction
1208, 1221, 1226-1228	Traffic Control Stage 2, Phase 1: revise based on adjacent project coordination
1231, 1232, 1236, 1248-1250	Traffic Control Stage 2, Phase 2: revise based on adjacent project coordination
1258, 1261, 1272-1274	Traffic Control Stage 2, Phase 3: revise based on adjacent project coordination
1277, 1281, 1292-1294	Traffic Control Stage 2, Phase 4: revise based on adjacent project coordination
1297, 1298, 1317-1319	Traffic Control Stage 3: revise based on adjacent project coordination
1322, 1323, 1330, 1345	Traffic Control Stage 4, Phase 1: revise based on adjacent project coordination
1348, 1349, 1356, 1371	Traffic Control Stage 4, Phase 2: revise based on adjacent project coordination
1374, 1375, 1381, 1396	Traffic Control Stage 4, Phase 3: revise based on adjacent project coordination
1399, 1400, 1406, 1421	Traffic Control Stage 4, Phase 4: revise based on adjacent project coordination
1426, 1427, 1433, 1436, 1446-1448	Traffic Control Stage 5: revise based on adjacent project coordination
1688-1690, 1706-1707	Alignment Diagram: Extend construction limits to Townline Road
1722	Benchmarks, Control Points & Boring Locations: Extend construction limits to Townline Road
1750, 1752-1753, 1755, 1756, 1760-1762, 1765, 1767-1773,	Miscellaneous Quantities: revised based increased project length

1776-1779, 1826, 1827, 1830-1833, 1835,1837-1841, 1846-1852, 1855, 1856, 1858, 1868	
1862-1864	Miscellaneous Quantities: Revise planting based on extending construction limits to Townline Road
1936, 1942	Plan and Profile: Extend construction limits to Townline Road
2333-2337, 2354-2356	Structure B-53-338: update for polymer overlay
2372-2373, 2375-2376, 2393-2395	Structure B-53-339: update for polymer overlay
2410-2411, 2413, 2422, 2426-2427	Structure B-53-341: update for polymer overlay
2439-2443, 2456, 2460-2461	Structure B-53-342: update for polymer overlay
2475-2476, 2478-2479, 2492, 2496-2497	Structure B-53-343: update for polymer overlay
2511-2514, 2522, 2526-2527	Structure B-53-344: update for polymer overlay
2536-2537, 2539, 2547, 2551-2552	Structure B-53-345: update for polymer overlay
2561-2562	Structure B-53-346: update for polymer overlay
2582-2583	Structure B-53-347: update for polymer overlay
2605-2608, 2617, 2621-2622	Structure B-53-371: update for polymer overlay
2634-2653	Updated N-53-17 and N-53-18 plans
3010-3012	Earthwork Data Sheets: Extend construction limits to Townline Road
3021-3022	Cross Sections Stage 2, Phase 1: Extend construction limits to Townline Road
3186-3192	Cross Sections Stage 2, Phases 1-4: Extend construction limits to Townline Road

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
5A	Project Overview: Extend construction limits to Townline Road
6A-6E, 17A	Existing Typical Sections: Extend construction limits to Townline Road
28A	Finished Typical Sections: Extend construction limits to Townline Road
88A	Finished Typical Sections: Add Maintenance Crossover
127A	Construction Details: Add Maintenance Crossover detail
220A-220F	Median Detention Basin: Extend construction limits to Townline Road
284A-284G	Removal Plan: Extend construction limits to Townline Road
371A-371L	Plan Details: Extend construction limits to Townline Road
534A-534D, 538A	Erosion Control: Extend construction limits to Townline Road
744A-744E	Mainline Native Seeding & Vegetation: Extend construction limits to Townline Road

753A	Noise Wall Vegetation: Extend construction limits to Townline Road
825A-825B	Signing Removal: Extend construction limits to Townline Road
845A-845D	Permanent Signing: Extend construction limits to Townline Road
882A-882I	Pavement Marking: Extend construction limits to Townline Road
1230A-1230D	Traffic Control Stage 2, Phase 1A: added based on adjacent project coordination
1230E-1230I	Traffic Control Stage 2, Phase 1B: added based on adjacent project coordination
1298A, 1304A, 1304B, 1319A-1319D	Traffic Control Stage 3: added based on adjacent project coordination
1323A, 1330A, 1330B, 1345A-1345E	Traffic Control Stage 4, Phase 1: added based on adjacent project coordination
1349A, 1356A, 1356B, 1371A-1371E	Traffic Control Stage 4, Phase 2: added based on adjacent project coordination
1373A-1373F	Traffic Control Stage 4, Phase 2A: added based on adjacent project coordination
1375A, 1381A, 1381B, 1396A-1396E	Traffic Control Stage 4, Phase 3: added based on adjacent project coordination
1400A, 1406A, 1406B, 1421A-1421E	Traffic Control Stage 4, Phase 4: added based on adjacent project coordination
1427A, 1433A-1433C, 1448A-1448F	Traffic Control Stage 5: added based on adjacent project coordination
1450A-1450W	Traffic Control Stage 6: Added based on adjacent project coordination
1690A-1690C, 1707A	Alignment Diagram: Extend construction limits to Townline Road
1722A-1722C	Benchmarks, Control Points & Boring Locations: Extend construction limits to Townline Road
1863A	Miscellaneous Quantities: Revise planting based on extending construction limits to Townline Road
1936A, 1942A	Plan and Profile: Extend construction limits to Townline Road
1980A	Plan and Profile: add maintenance crossover
3012A	Earthwork Data Sheets: Extend construction limits to Townline Road
3729A-3729U, 3737A-3737H, 3752A	Cross Sections Stage 5: Extend construction limits to Townline Road
3837A-3837H	Cross Sections Stage 6: Extend construction limits to Townline Road

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
779-781	Additional quantity sheet for landscaping

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

1005-10-77, 1005-10-83, 1005-10-87, 5569-00-71

November 28, 2018

Special Provisions

4. Prosecution and Progress.

*Revise Stage 4 and 5 under Project 1005-10-77 of section **A Schedule of Operations** to the following:*

- Stage 4 – Reconstruct IH 39 southbound, including polymer overlays and STH 26.
- Stage 5 – Complete IH 39/90 median work and polymer overlay of northbound inside lanes.

*Add the following under Project 1005-10-77 of section **A Schedule of Operations***

- Stage 6 – Complete IH 39/90 outside work and polymer overlay of northbound outside lanes.

*Add the following under section **C Work Restrictions**:*

Install all Conduit HDPE 3-Duct 2-Inch, associated communications vaults and all other items necessary to complete the conduit connections from CV-6 to CV-13 prior to April 15, 2020.

Do not begin any construction activities for the Overlook Drive access until approved by the engineer.

*Replace paragraph 14 under section **C Work Restrictions** with the following:*

Complete all work necessary, including the polymer overlay of the C/D roadway portion of the northbound bridges, to shift IH 39/90 traffic to their respective locations as shown in Stage 3, prior to 12:01 A.M. on July 18, 2020. Coordination with project 1005-10-78 will be required for the Stage 3 traffic shift.

*Replace paragraph 36 under section **C Work Restrictions** with the following:*

Complete all work necessary, including the polymer overlay of all lanes of the southbound bridges, to shift IH 39/90 and STH 26 traffic to their respective locations as shown in Stage 5, prior to 12:01 A.M. on September 3, 2021.

*Replace paragraph 37 under section **C Work Restrictions** with the following:*

Complete construction operations on project 1005-10-77 and 1005-10-83 including all work except for native seeding and landscape planting along with their respective surveillance and care cycles, and reopen all inclusive roadways to all lanes of through traffic prior to 12:01 A.M. on October 29, 2021.

*Replace paragraph 24 under section **E Interim and Final Completion of Work** with the following:*

If the contractor fails to complete all work necessary to shift traffic to their respective location as shown in Stage 5 prior to 12:01 AM on September 3, 2021, the department will assess the contractor $12,000 in interim liquidated damages for each calendar day the contract work remains incomplete after 12:01 AM,
September 3, 2021. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

*Replace paragraph 25 under section **E Interim and Final Completion of Work** with the following:*

If the contractor fails to complete all project work , with the exception of the native seeding and landscape planting along their respective surveillance and care cycles, prior to 12:01 AM on October 29, 2021, the department will assess the contact $12,000 in interim liquidated damages for each calendar day the contract work remains in complete after 12:01 AM, October 29, 2021. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

6. Traffic.

*Add the following under Project 1005-10-77 of section **C Traffic Operations**:*

Stage 2, Phase 1A

- Traffic will match Stage 2, Phase 1 except as follows:
  - IH 39/90 southbound traffic will remain on the outside of southbound IH 39/90.

Stage 2, Phase 2A

- Traffic will match Stage 2, Phase 1A except as follows:
  - IH 39/90 northbound traffic will remain on inside of southbound IH 39/90.

Stage 4, Phase 2A

- Traffic will match Stage 4, Phase 2 except as follows:
  - IH 39/90 southbound traffic will shift to the inside lanes of southbound IH 39/90 south of Townline Road.

Stage 6

- IH 39/90 northbound traffic will shift to the inside lanes of the previously constructed northbound IH 39/90. IH 39/90 southbound traffic will be open on all lanes. Two lanes of traffic will be maintained in the northbound direction except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections.
- USH 14 and STH 26 traffic will be maintained on all existing lanes at all times except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections and the Prosecution and Progress article of these special provisions.
- Kennedy Road traffic will be maintained on the previously constructed roadway.
- Local road traffic will be maintained on all existing lanes except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections.
- Pedestrian movements will utilize all newly constructed crossings, sidewalks and paths.

*Revise the first paragraph of Stage 3 under Project 1005-10-77 of section **C Traffic Operations** to the following:*

- IH 39/90 northbound traffic will shift to the outside of the newly constructed northbound IH 39/90 and utilize an existing crossover to shift to the southbound IH 39/90 lanes south of Townline Road. IH 39/90 southbound traffic will remain on the outside of southbound IH 39/90. IH 39/90 traffic will match the 1005-10-78 traffic control south of Townline Road. Traffic will switch at the completion of Stage 2-Phase 4. Two lanes of traffic will be maintained in the northbound and southbound direction except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections.

*Revise the first paragraph of Stage 4, Phase 1 under Project 1005-10-77 of section **C Traffic Operations** to the following:*

- IH 39/90 northbound traffic will remain on the outside of the previously constructed northbound IH 39/90 and utilize an existing crossover to shift to the southbound IH 39/90 lanes south of Townline Road. IH 39/90 southbound traffic will utilize a newly constructed crossover between Mt. Zion Drive and USH 14 to switch to the northbound side of IH 39/90

and utilize an existing crossover to shift to the southbound IH 39/90 lanes south of Townline Road. IH 39/90 traffic will match the 1005-10-78 traffic control south of Townline Road. Traffic will switch at the completion of Stage 3. Two lanes of traffic will be maintained in the northbound and southbound direction except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections.

*Revise the first paragraph of Stage 4, Phase 2 under Project 1005-10-77 of section **C Traffic Operations** to the following:*

- IH 39/90 northbound traffic will remain on the outside of the previously constructed northbound IH 39/90. IH 39/90 southbound traffic will utilize a previously constructed crossover between Mt. Zion Drive and USH 14 to switch to the northbound side of IH 39/90 and utilize an existing crossover to shift to the southbound IH 39/90 lanes south of Townline Road. IH 39/90 traffic will match the 1005-10-78 traffic control south of Townline Road. Two lanes of traffic will be maintained in the northbound and southbound direction except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections.

*Revise the first paragraph of Stage 4, Phase 3 under Project 1005-10-77 of section **C Traffic Operations** to the following:*

- IH 39/90 northbound traffic will remain on the outside of the previously constructed northbound IH 39/90. IH 39/90 southbound traffic will utilize a previously constructed crossover between Mt. Zion Drive and USH 14 to switch to the northbound side of IH 39/90 and utilize an existing crossover to shift to the southbound IH 39/90 lanes south of Townline Road. IH 39/90 traffic will match the 1005-10-78 traffic control south of Townline Road. Two lanes of traffic will be maintained in the northbound and southbound direction except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections.

*Revise the first paragraph of Stage 4, Phase 4 under Project 1005-10-77 of section **C Traffic Operations** to the following:*

- IH 39/90 northbound traffic will remain on the outside of the previously constructed northbound IH 39/90. IH 39/90 southbound traffic will utilize a previously constructed crossover between Mt. Zion Drive and USH 14 to switch to the northbound side of IH 39/90 and utilize an existing crossover to shift to the southbound IH 39/90 lanes south of Townline Road. IH 39/90 traffic will match the 1005-10-78 traffic control south of Townline Road. Two lanes of traffic will be maintained in the northbound and southbound direction except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections.

*Revise the first paragraph of Stage 5 under Project 1005-10-77 of section **C Traffic Operations** to the following:*

- IH 39/90 northbound traffic will remain on the outside of the previously constructed northbound IH 39/90. IH 39/90 southbound traffic will shift to the outside of the newly constructed southbound IH 39/90. Traffic will switch at the completion of Stage 4-Phase 4. Two lanes of traffic will be maintained in the northbound and southbound direction except as specified in the Lane and Shoulder Closure and Roadway, Ramp, and Rolling Stop Closures sections.

28. Design Model Data.

Revise Item 8 to the following:

8. Proposed surface model longitudinal breaklines, 3D AutoCAD DWG files (4 weeks after request)

85. Intelligent Transportation Systems (ITS) – Control of Materials.

Revise the Department Furnished Items table to the following:

Department-Furnished Items

1005-10-77

(2) IP Camera
(1) Wood Pole Camera Bracket
(13) Microwave Detector
(1) Pole-Mounted Cabinet
(10) Ethernet Switch
(20) SFS
(9,817 LF) Fiber Optic Cable 12 Count
(53,444 LF) Fiber Optic Cable 72 Count
(2) Terminal Server
(8) Termination Panel 12 Count
(3) Termination Panel 72 Count
(1) Communication Hut Building

1005-10-87/5569-00-71

(6) Microwave Detector - REMOVE
(2) Terminal Server – 4 Port - REMOVE
(3,530 LF) Fiber Optic Cable – 24 Count

111. Removing Billboard Sign and Sign Structures, Item SPV.0060.012.

*Add the following to section **C Construction**:*

The lights on the billboard at Station 936+15, RT will be removed by others. Contact Jim Campbell; office: 608-754-4393, ext. 250, mobile: 608-751-3183, a minimum of 30 days prior to the removal of billboard at Station 936+15, RT to allow for the removal of the lights.

227. Sawing Pavement Deck Preparation Areas, Item 509.0310.S.

A Description

This special provision describes sawing around deteriorated areas requiring deck repairs under the Preparation Decks bid items on decks receiving asphalt or polymer overlays and for deck repairs that will not receive an overlay.

B (Vacant)

C Construction

The department will sound and mark areas of deteriorated concrete that require deck preparation. The engineer may identify and mark additional areas as the work is being performed.

Wet cut a minimum of 1 inch deep and at least 2 inches outside of the marked areas. Bound each marked area by providing cuts aligned parallel and perpendicular to the deck centerline.

Remove sawing sludge after completing each area. Do not allow sludge or resulting residue to enter a live lane of traffic, storm sewer, stream, lake, reservoir, marsh, or wetland. Dispose of sludge at an acceptable material disposal site located off the project limits or, if the engineer allows, within the project limits.

D Measurement

The department will measure Sawing Pavement Deck Preparation Areas by the linear foot acceptably completed, measured as the total linear feet of bounding cuts.

The department will not measure for payment over-cuts or cuts made beyond what is required to bound engineer-marked deterioration limits.

E Payment

The department will pay for the measured quantity at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
509.0310.S	Sawing Pavement Deck Preparation Areas	LF

Payment is full compensation for making all saw cuts; and for debris disposal.

stp-509-070 (20180628)

228. Polymer Overlay, Item 509.5100.S.

A Description

This special provision describes providing two layers of a two-component polymer overlay system to the bridge decks the plans show.

B Materials

B.1 General

Furnish materials specifically designed for use over concrete bridge decks. Furnish polymer liquid binders from the department's approved product list.

B.2 Polymer Resin

Furnish a polymer resin base and hardener composed of two-component, 100 percent solids, 100 percent reactive, thermosetting compound with the following properties:

Property	Requirements	Test Method
Gel Time[1]	15 - 45 minutes @ 73° to 75° F	ASTM C881
Viscosity[1]	7 - 70 poises	ASTM D2393, Brookfield RVT, Spindle No. 3, 20 rpm
Shore D Hardness[2]	60-75	ASTM D2240
Absorption[2]	1% maximum at 24 hr	ASTM D570
Tensile Elongation[2]	30% - 70% @ 7 days	ASTM D638
Tensile Strength[2]	2000 to 5000 psi @ 7 days	ASTM D638
Chloride Permeability[2]	<100 coulombs @ 28 days	AASHTO T277

[1] Uncured, mixed polymer binder

[2] Cured, mixed polymer binder

Ensure that the polymer resin when mixed with aggregate has the following properties:

Property	Requirement[1]	Test Method
Minimum Compressive Strength	1,000 psi @ 8 hrs 5,000 psi @ 24 hrs	ASTM C579 Method B, Modified[2]
Thermal Compatibility	No Delaminations	ASTM C884
Minimum Pull-off Strength	250 psi @ 24 hrs	ASTM C1583

[1] Based on samples cured or aged and tested at 75°F

[2] Plastic inserts that will provide 2-inch by 2-inch cubes shall be placed in the oversized brass molds.

B.3 Aggregates

Furnish natural or synthetic aggregate that is non-polishing; clean; free of surface moisture; fractured or angular in shape; free from silt, clay, asphalt, or other organic materials; and conform to the following:

Aggregate Properties

Property	Requirement	Test Method
Moisture Content[1]	1/2 of the measured aggregate absorption, %	ASTM C566
Hardness	≥6.5	Mohs Scale
Fractured Faces	100% with at least 1 fractured face & 80% with at least 2 fractured faces of material retained on No.16	ASTM D5821
Absorption	≤1%	ASTM C128

[1] Sampled and tested by the department before placement.

Gradation

Sieve Size	% Passing by Weight
No. 4	100
No. 8	30 – 75
No. 16	0 – 5
No. 30	0 – 1

B.4 Approval of Bridge Deck Polymer Overlay System

A minimum of 20 working days before application, submit product data sheets and specifications from the manufacturer, and a certified report of test or analysis from an independent laboratory to the engineer for approval. The department will sample and test the aggregates for gradation and moisture content before placement. If requested, supply the department with samples of the polymer for the purpose of acceptance testing.

B.4.1 Product Data Sheets and Specifications

Product data sheets and specifications from the manufacture consists of literature from the manufacturer showing general instructions, application recommendations/methods, product properties, general instructions, or any other applicable information.

B.4.2 Certified Report of Test or Analysis

Conform to the following:

Polymer Binder: Submit a certified report of test or analysis from an independent laboratory dated less than 3 years before the date of the project letting showing the polymer binder meets the requirements of section B.2.

Aggregates: Submit a certified report of test or analysis from an independent laboratory dated less than 6 months before the date of the project letting showing the aggregates meet the requirements of section B.3.

C Construction

C.1 General

Ensure that the overlay system is 1/4 inch thick or thicker.

Conform to the following:

Field Review: Conduct a field review of the existing deck to identify any possible surface preparation and material compatibility issues.

Pre-Installation Meeting: Conduct a pre-installation meeting with the manufacturer's representative and the engineer before construction. Discuss the field review findings, verification testing of the surface preparation and establish procedures for maintaining optimum working conditions and coordination of work. Furnish the engineer a copy of the recommended procedures and apply the overlay system according to the manufacturer's instructions. Supply for the engineer's use for the duration of the project, a Concrete Surface Profile (CSP) chip set of 10 from the International Concrete Repair Institute (ICRI).

Manufacturer's Representative: An experienced manufacturer's representative familiar with the overlay system installation procedures shall be present at all times during surface preparation and overlay placement to provide quality assurance that the work is being performed properly. This requirement may be reduced at the engineer's discretion.

Material Storage: Store and handle materials according to the manufacturer's recommendations. Store resin materials in their original containers in a dry area. Store all aggregates in a dry environment and protect aggregates from contaminants on the job site.

C.2 Deck Preparation

C.2.1 Deck Repair

Remove all asphaltic patches and unsound or disintegrated areas of the concrete decks as the plans show, or as the engineer directs. Work performed to repair the concrete deck will be paid for under other items. Ensure that products used for deck patching are compatible with the polymer overlay system.

NOTE: Some polymer systems require concrete patch material to be in place a minimum of 28-days before overlaying - contact polymer manufacturer before completing deck patching/repair.

C.2.2 Surface Preparation

Determine an acceptable shotblasting machine operation (size of shot, flow of shot, forward speed, and/or number of passes) that provides a surface profile meeting CSP 5 (medium-heavy shotblast) according to the ICRI Technical Guideline No. 310.2. If the engineer requires additional verification of the surface preparation, test the tensile bond strength according to ASTM C1593. The surface preparation will be considered acceptable if the tensile bond strength is greater than or equal to 250 psi or the failure area at a depth of 1/4 inches or more is greater than 50 percent of the test area. Continue adjustment of the shotblasting machine and necessary testing until the surface is acceptable to the engineer or a passing test result is obtained.

Prepare the entire deck using the final accepted adjustments to the shotblasting machine as determined above. Thoroughly blast clean with hand-held equipment any areas inaccessible by the shotblasting equipment. Do not perform surface preparation more than 24 hours before the application of the overlay system.

Protect drains, expansion joints, access hatches, or other appurtenances on the deck from damage by the shot and sand blasting operations and from materials adhering and entering. Tape or form all construction joints to provide a clean straight edge.

Before shot blasting, remove pavement markings within the treatment area using an approved mechanical or blasting method.

Prepare the vertical concrete surfaces adjacent to the deck a minimum of 2” above the overlay according to SSPC-SP 13 (free of contaminants, dust, and loose concrete) by sand blasting, using wire wheels, or other approved method.

Just before overlay placement, clean all dust, debris, and concrete fines from the prepared surfaces including the vertical surfaces with compressed air. When using compressed air, the air stream must be free of oil. Any grease, oil, or other foreign matter that rests on or has absorbed into the concrete shall be removed completely. If prepared surfaces (including the first layer of the polymer overlay) are exposed to rain or dew, lightly sandblast (brush/breeze blast) the exposed surfaces.

The engineer may consider alternate surface preparation methods per the overlay system manufacture’s recommendations. The engineer will approve the final surface profile and deck cleanliness before the contractor placing the polymer overlay.

C.2.3 Transitional Area

If the plans show, create a transitional area approaching transverse expansion joints and ends of the deck using an approved mechanical or blasting method. Remove 1/4 inch to 5/16 inch of concrete adjacent to the joint or end of deck and taper a distance of 3 feet.

If the plans show, create a transitional area on the approach pavement. Prep and place the first lift 3 feet beyond the end of the deck the same width as the deck. Prep and place the second lift 6 feet beyond the end of the deck the same width as the deck.

C.3 Overlay Application

Perform the handling and mixing of the polymer resin and hardening agent in a safe manner to achieve the desired results according to the manufacturer’s instructions. Do not apply the overlay system if any of the following exists:

1. Ambient air temperature is below 50 F or above 100 F.
2. Deck temperature is below 50 F.
3. Moisture content in the deck exceeds 4.5 percent when measured by an electronic moisture meter or shows visible moisture after 2 hours when measured in accordance with ASTM D4263.
4. Rain is forecasted during the minimum curing periods listed under C.5.
5. Materials component temperatures below 65 F or above 99 F.
6. Concrete age is less than 28 days unless approved by the engineer.
7. The deck temperature exceeds 100 F.
8. If the gel time is 10 minutes or less at the predicted high air temperature for the day.

After the deck has been shotblasted or during the overlay curing period, only necessary surface preparation and overlay application equipment will be allowed on the deck. Provide appropriate protective measures to prevent contamination from equipment allowed on the deck during preparation and application operations. Begin overlay placement as soon as possible after surface preparation operations.

The polymer overlay shall consist of a two-course application of polymer and aggregate. Each of the two courses shall consist of a layer of polymer covered with a layer of aggregate in sufficient quantity to completely cover the polymer. Apply the polymer and aggregate according to the manufacturer’s requirements. Apply the overlay using equipment designed for this purpose. The application machine shall feature positive displacement volumetric metering and be capable of storing and mixing the polymer resins at the proper mix ratio. Disperse the aggregate using a method that provides a uniform, consistent coverage of aggregate and minimizes aggregate rolling or bouncing into final position. First course applications that do not receive enough aggregate before the polymer gels shall be removed and replaced. A second course applied with insufficient aggregate may be left in place, but will require additional applications before opening to traffic.

After completion of each course, cure the overlay according to the manufacturer's instructions. Follow the minimum cure times listed under C.5 or as prescribed by the manufacturer. Remove the excess aggregate from the surface treatment by sweeping, blowing, or vacuuming without tearing or damaging the surface; the material may be re-used if approved by the engineer and manufacturer. Apply all courses of the overlay system before opening the area to traffic. Do not allow equipment or traffic on the treated area until directed by the engineer.

After the first layer of coating has cured to the point where the aggregate cannot be pulled out, apply the second layer. Before applying the second layer, broom and blow off the first layer with compressed air to remove all loose excess aggregate.

Before opening to traffic, clean expansion joints and joint seals of all debris and polymer. A minimum of 3 days following opening to traffic, remove loosened aggregates from the deck, expansion joints, and approach pavement.

C.4 Application Rates

Apply the polymer overlay in two separate courses in accordance with the manufacturer's instructions, but not less than the following rate of application.

Course	Minimum Polymer Rate[1] (GAL/100 SF)	Aggregate[2] (LBS/SY)
1	2.5	10+
2	5.0	14+

[1] The minimum total applications rate is 7.5 GAL/100 SF.

[2] Application of aggregate shall be of sufficient quantity to completely cover the polymer.

C.5 Minimum Curing Periods

As a minimum, cure the coating as follows:

	Average temperature of deck, polymer and aggregate components in degrees F							
Course	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99
1	6 hrs.	5 hrs.	4 hrs.	3 hrs.	2.5 hrs	2 hrs	1.5 hrs.	1 hr.
2	8 hrs.	6.5 hrs.	6.5 hrs.	5 hrs.	4 hrs.	3 hrs.	3 hrs.	3 hrs.

If faster cure times are desired and achievable, submit to the engineer a certified test report from an independent laboratory showing the material is able to reach a compressive strength of 1000 psi as tested per ASTM C 579 Method B within the temperature ranges and cure times for which the product is proposed to be placed. Establish ambient air, material, and substrate temperatures from the manufacturer for field applications. Field applications will not be allowed below the documented temperatures.

C.6 Repair of Polymer Overlay

Repair all areas of unbonded, uncured, or damaged polymer overlay for no additional compensation. Submit repair procedures from the manufacturer to the engineer for approval. Absent a manufacturer's repair procedures and with the approval of the engineer, complete repairs according to the following: Saw cut the limits of the area to the top of the concrete; remove the overlay by scarifying, grinding, or other approved methods; shot blast or sand blast and air blast the concrete before placement of polymer overlay; and place the polymer overlay according to section C.3.

D Measurement

The department will measure Polymer Overlay by the square yard acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
509.5100.S	Polymer Overlay	SY

Payment is full compensation for preparing the surface; for tensile bond testing; for creating the transitional area; for providing the overlay; for cleanup; and for sweeping/vacuuming and disposing of excess materials.

The department will pay separately for Concrete Deck Repair.

stp-509-030 (20170615)

229. Deck Patching, Item SPV.0035.701.

A Description

This special provision describes furnishing, placing and curing a deck patch material on the sawed deck preparation areas of the concrete bridge deck. Perform the work conforming to standard spec 509.

B Materials

Furnish a Grade E repair mix or a rapid setting non-shrink material designed for repairing concrete decks from the department's Approved Products List for "Rapid Setting Concrete Patch Material" as accepted by the engineer.

The material shall be capable of obtaining a minimum compressive strength of 3500 psi within 5 hours. The patch material must be compatible with the existing concrete deck and reinforcing steel. The rapid setting non-shrink material must have a proven record of at least five (5) successful applications in climates similar to Wisconsin. The use of chloride and non-chloride accelerators is allowed for Grade E repair mixes and may be incorporated into the mix at the plant or on-site. The use of chloride accelerators or other corrosion inducing products is prohibited for rapid setting non-shrink materials.

A minimum of ten (10) working days prior to construction, submit material sources, and mix designs. For the rapid setting non-shrink material, submit the manufacturer's product data sheets and supporting performance documentation to the engineer for approval.

Furnish steel reinforcement conforming to standard spec 505.2.3.

C Construction

Clean and prepare the area to be patched per the manufacturer's recommendations and as follows or as directed by the engineer. After sawed deck preparation work is complete, blast clean the area and any exposed reinforcing steel. Thoroughly clean the surface upon which the new patch material is to be placed by brooming and using air pressure to remove all loose particles and dust. Place #5 steel reinforcement bars in a 9" x 9" grid conforming to standard spec 505.3 at each patch location. Apply a bonding agent (neat cement) as recommended by the patch material manufacturer, to surfaces to be covered by patch material or as directed by the engineer.

Place patch material to produce plane surfaces that conform to the grade and elevation of the adjoining surfaces. Finish the surface by tining or applying exposed angular aggregate as approved by the engineer.

Submit certified test results from an independent lab showing that the patch material obtained 3500 psi within 5 hours of placement.

D Measurement

The department will measure Deck Patching in volume by the cubic yard acceptably completed.

E Payment

The department will pay for the measured quantity at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.701	Deck Patching	CY

Payment for Deck Patching is full compensation for furnishing, hauling, preparing, placing, finishing, curing, and protecting all materials.

230. Temporary Concrete Barrier Gate, Item SPV.0060.213.

A Description

This special provision describes furnishing and installing Temporary Concrete Barrier Gate, moving as required for project staging, and removing upon completion of the project.

B Materials

Furnish a Temporary Concrete Barrier Gate and all necessary hardware and materials to install the gate.

The gate system shall be able to meet the recommended structural adequacy, occupant risk, and vehicle trajectory criteria set forth in the National Cooperative Highway Research Program Report (NCHRP) 350 for Test Level 3 for Longitudinal Barriers.

The gate shall be capable of preventing vehicle penetration, vaulting, and underriding during Test Level 3 Length of Need with Transition (TL-3 LON/T) impacts and shall smoothly redirect the vehicle.

The gate system shall be able to span a 24-foot minimum gap in concrete barrier.

The gate system shall fasten only to the temporary concrete barrier wall.

The gate system shall be able to be opened completely within 5 minutes once the moving process begins. The gate shall be able to be opened both by pivoting the gate on a hinge and by completely disconnecting the gate from the barrier wall and rolling it parallel to the temporary barrier wall.

Tools and materials required to open the gate system must be physically fastened to, or stored within, the gate system in such a way that prevents such tools and materials from becoming hazards during a crash. Tools and material must be accessible and usable immediately upon need.

C Construction

Install the gate system in accordance to manufacturer's recommendations at contract-identified locations or as the engineer directs. Move and reinstall the gate system as required for contract staging.

Ensure that the gap between the traffic face of temporary barrier and the traffic face of the gate transition is to be less than 1/4 of an inch. If manufacturer allows, the contractor may bolt thrie beam and thrie beam terminal connector to concrete barrier and the gate transition to bridge the gap in concrete barrier.

Provide and maintain the gates throughout the duration of the project. Repair any damage to the gates within 48 hours.

Upon completion of the work, remove the gate system and properly dispose of all materials.

D Measurement

The department will measure Temporary Concrete Barrier Gate as each individual gate system, acceptably completed.

The department will not make additional measurements for Temporary Concrete Barrier Gate if damaged during construction, including damage due to vehicular hits.

The department will not measure reinstallations made solely to accommodate the contractor's means and methods.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.213	Temporary Concrete Barrier Gate	EACH

Payment for Temporary Concrete Barrier Gate is full compensation for providing, installing, maintaining, and removing the gate system.

(3/1/2017)

Schedule of Items

Attached, dated November 29, 2018, are the revised Schedule of Items Pages 1 – 67.

Plan Sheets

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

Revised: 2-5, 28, 127, 129, 200, 227, 280-282, 284, 370-371, 555, 729, 774, 777-778, 812-829, 845, 881-882, 1002-1008, 1208, 1221, 1226-1228, 1231, 1232, 1236, 1248-1250, 1258, 1261, 1272-1274, 1277, 1281, 1292-1294, 1297, 1298, 1317-1319, 1322, 1323, 1330, 1345, 1348, 1349, 1356, 1371, 1374, 1375, 1381, 1396, 1399, 1400, 1406, 1421, 1426, 1427, 1433, 1436, 1446-1448, 1688-1690, 1706-1707, 1722, 1750, 1752-1753, 1755, 1756, 1760-1762, 1765, 1767-1773, 1776-1779, 1826, 1827, 1830-1833, 1835,1837-1841, 1846-1852, 1855, 1856, 1858, 1868, 1862-1864, 1936, 1942, 2333-2337, 2354-2356, 2372-2373, 2375-2376, 2393-2395, 2410-2411, 2413, 2422, 2426-2427, 2439-2443, 2456, 2460-2461, 2475-2476, 2478-2479, 2492, 2496-2497, 2511-2514, 2522, 2526-2527, 2536-2537, 2539, 2547, 2551-2552, 2561-2562, 2582-2583, 2605-2608, 2617, 2621-2622, 2634-2653, 3010-3012, 3021-3022, 3186-3192.

Added: 5A, 6A-6E, 17A, 28A, 88A, 127A, 220A-220F, 284A-284G, 371A-371L, 534A-534D, 538A, 744A-744E, 753A, 825A-825B, 845A-845D, 882A-882I, 1230A-1230D, 1230E-1230I, 1298A, 1304A, 1304B, 1319A-1319D, 1323A, 1330A, 1330B, 1345A-1345E, 1349A, 1356A, 1356B, 1371A-1371E, 1373A-1373F, 1375A, 1381A, 1381B, 1396A-1396E, 1400A, 1406A, 1406B, 1421A-1421E, 1427A, 1433A-1433C, 1448A-1448F, 1450A-1450W, 1690A-1690C, 1707A, 1722A-1722C, MQs, 1863A, 1936A, 1942A, 1980A, 3012A, 3729A-3729U, 3737A-3737H, 3752A, 3837A-3837H.

Deleted: 779-781

END OF ADDENDUM

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ABBREVIATIONS

BAD	BASE AGGREGATE DENSE
BLDG	BUILDING
BM	BENCH MARK
BOC	BACK OF CURB
CD	COLLECTOR/DISTRIBUTOR
CTR	CENTER
C/L	CENTER OR CONSTRUCTION LINE
C.E.	COMMERCIAL ENTRANCE
CONC	CONCRETE
CSW	CONCRETE SIDEWALK
CMCP	CORRUGATED METAL CULVERT PIPE
CP	CULVERT PIPE
CPCS	CULVERT PIPE CORRUGATED STEEL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
DE	DRAINAGE EASEMENT
D.I.	DUCTILE IRON
EAT	ENERGY ABSORBING TERMINAL
EB	EASTBOUND
ELEC.	ELECTRIC
IE	INVERT ELEVATION
EX.	EXISTING
F.O.	FIBER OPTIC
F.E.	FIELD ENTRANCE
HE	HIGHWAY EASEMENT
HMA	HOT MIX ASPHALT
LT.	LEFT
MH	MANHOLE
MAX.	MAXIMUM
MIN.	MINIMUM
NOR.	NORMAL
NB	NORTHBOUND
NC	NORMAL CROWN
NTS	NOT TO SCALE
PLE	PERMANENT LIMITED EASEMENT
P.E	PRIVATE ENTRANCE
P.L.	PROPERTY LINE
R.	RADIUS
R/L	REFERENCE LINE
RCCP	REINFORCED CONCRETE CULVERT PIPE
REQ'D.	REQUIRED
ELEC.	RIGHT
RW	RIGHT OF WAY
SAN	SANITARY SEWER
SB	SOUTHBOUND
SHLD.	SHOULDER
SXPX	TRAFFIC CONTROL STAGE & PHASE
SW	SIDEWALK
SF	SQUARE FEET
SY	SQUARE YARD
S.D.D	STANDARD DETAIL DRAWING
STA.	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
TEL	TELEPHONE
TLE	TEMPORARY LIMITED EASEMENT
TYP.	TYPICAL
WAT	WATER
WB	WESTBOUND

DIGGERS HOTLINE

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GENERAL NOTES

ALL GRADES PROVIDED ALONG CURB RADII ARE ALONG EDGE OF PAVEMENT.

ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.

EXPANSION JOINTS TO BE CONSTRUCTED AT ALL RADII POINTS IN THE CURB AND GUTTER OR AT LOCATIONS SHOWN ON THE PLAN.

THE LOCATION OF EXISTING AND PROPOSED UTILITIES INSTALLATIONS AS SHOWN IN THE PLANS, ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

UTILITY REFERENCE LINES ON THE CROSS SECTIONS ARE FOR APPROXIMATE HORIZONTAL LOCATION ONLY.

REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALT SHALL BE REMOVED TO AN EXISTING JOINT OR SAWCUT AS DETERMINED BY THE ENGINEER.

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS AS NEEDED. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

NO TREES AND/OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

PIPE ELEVATIONS, LENGTHS, AND LOCATIONS AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CONTRACTOR IS RESPONSIBLE FOR RESHAPING AND FINISHING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY THEIR OPERATION OUTSIDE THE PLAN CONSTRUCTION LIMITS.

THE EXACT LOCATION OF DRIVEWAYS IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL DRIVEWAYS ARE TO BE REPLACED IN KIND.

SIDEROAD PAVEMENT STRUCTURE SHALL BE THE SAME AS THE MAINLINE UNLESS OTHERWISE NOTED.

LOCATIONS OF INLETS AND MANHOLES AS SHOWN ON THE STORM SEWER SHEETS ARE BY STATION AND OFFSET TO THE CENTER OF THE STRUCTURE (SEE CONSTRUCTION DETAIL).

THE CONTRACTOR'S HMA PAVING OPERATION SHALL BE CONSISTENT WITH THE TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING OR PARKING LANE.

ALL CONCRETE PIPES SHALL HAVE THE APRON ENDWALL AND AND THE FIRST TWO PIPE JOINTS TIED AT THE JOINT (3 JOINTS TOTAL). JOINT TIES SHALL BE INCLUDED WITH THE RESPECTIVE PIPE BID ITEM.

COORDINATE CONSTRUCTION ACTIVITIES WITH PROJECT 1005-10-76,-78,-81 WHICH WILL BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT.

STORM SEWER AND CULVERT ENDWALL LOCATIONS ARE MARKED ON THE PLANS WITH A STATION AND OFFSET TO THE END OF PIPE, WHERE IT MEETS THE ENDWALL, UNLESS OTHERWISE NOTED IN THE PLANS. PIPE ENDWALLS SHALL BE LAID AT THE SAME SLOPE AS THE CONNECTING PIPE.

Addendum No. 1
ID 1005-10-77
Revised Sheet 2
November 28, 2018

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ORDER OF DETAIL SHEETS

PROJECT OVERVIEW
EXISTING TYPICAL SECTIONS
- IH 39/90
- USH 14 RAMPS
- STH 26 RAMPS
- USH 14
- STH 26
- SIDEROADS

FINISHED TYPICAL SECTIONS
- IH 39/90
- USH 14 RAMPS
- STH 26 RAMPS
- USH 14
- STH 26
- SIDEROADS/PATHS

TEMPORARY TYPICAL SECTIONS
CONSTRUCTION DETAILS
CURB RAMP DETAILS
INFILTRATION BASIN DETAILS
REMOVAL PLAN
PLAN DETAILS
- PERMANENT
- TEMPORARY

PAVING DETAILS (STH 26)
EROSION CONTROL PLAN
STORM SEWER PLAN
TEMPORARY DRAINAGE PLAN
UTILITY PLAN (WATERMAIN)
PLANTING DETAILS
SIGNING REMOVAL PLAN
PERMANENT SIGNING PLAN
PAVEMENT MARKING PLAN
ELECTRICAL PLANS
- LIGHTING
- ITS
- TRAFFIC SIGNAL REMOVALS
- TEMPORARY TRAFFIC SIGNALS
- TRAFFIC SIGNALS
- COMMUNICATION DETAIL
- INTERCONNECT
- TRAFFIC DIVERSION TRIGGER SYSTEM
- WIRELESS SYSTEM

TRAFFIC CONTROL PLAN
- IH 39/90
- STH 26

DETOUR PLAN
FENCING PLAN
ALIGNMENT DIAGRAM
SUPER ELEVATION TABLES
BENCHMARKS, CONTROL POINTS, & BORINGS

PERMANENT ROADWAYS/PATHS/SIDEWALKS

IDENTIFIER	DESCRIPTION
REF. LINE	IH 39/90 NORTHBOUND
'SB'	IH 39/90 SOUTHBOUND
'HA'	USH 14 NORTHBOUND ON-RAMP
'HB'	USH 14 NORTHBOUND OFF-RAMP
'HC'	USH 14 SOUTHBOUND ON-RAMP
'HD'	USH 14 SOUTHBOUND OFF-RAMP
'CA'	STH 26 NORTHBOUND ON-RAMP
'CAA'	STH 26 NORTHBOUND ON-RAMP (AUX. ALIGNMENT)
'CB'	STH 26 NORTHBOUND OFF-RAMP
'CBA'	STH 26 NORTHBOUND OFF-RAMP (AUX. ALIGNMENT)
'CC'	STH 26 SOUTHBOUND ON-RAMP
'CCA'	STH 26 SOUTHBOUND ON-RAMP (AUX. ALIGNMENT)
'CD'	STH 26 SOUTHBOUND OFF-RAMP
'CDA'	STH 26 SOUTHBOUND OFF-RAMP (AUX. ALIGNMENT)
'HE'	USH 14 EASTBOUND FUTURE
'HW'	USH 14 WESTBOUND FUTURE
'HEA'	USH 14 EASTBOUND EXISTING
'HWA'	USH 14 WESTBOUND EXISTING
'CE'	STH 26 EASTBOUND
'CW'	STH 26 WESTBOUND
'MS'	MORSE STREET
'EFR'	STH 26 EAST FRONTAGE ROAD
'WFR'	STH 26 WEST FRONTAGE ROAD
'KT'	KETTERING STREET
'RY'	RYAN ROAD
'RYM'	RYAN ROAD CUL-DE-SAC
'DDN'	DEERFIELD DRIVE NORTHBOUND
'DDS'	DEERFIELD DRIVE SOUTHBOUND
'KY'	KENNEDY ROAD
'BR'	BRENTWOOD DRIVE
'DSW'	DEERFIELD SIDEWALK
'RYS'	RYAN ROAD SIDEWALK
'DSS'	STH 26 SB OFF-RAMP SIDEWALK
'DSP'	STH 26 SB ON-RAMP PATH
'DNS'	STH 26 NB OFF-RAMP SIDEWALK
'DNP'	STH 26 NB ON-RAMP PATH
'BPN'	STH 26 PATH
'WSR'	WSOR RAILROAD
~~'ITD'~~	~~ITS DRIVEWAY~~
'TAC'	MAINTENANCE CROSSOVER
~~'RW'~~	~~FRONT FACE OF MODULAR~~ BLOCK WALL - RYAN RD
'PB'	FRONT FACE OF MODULAR BLOCK WALL - STH 26
'RPR'	PARK AND RIDE LANDSCAPING

TEMPORARY ROADWAYS

INDENTIFIER	DESCRIPTION	STAGE AND PHASE UTILIZED FOR TRAFFIC CONTROL
'TSB'	BI-DIRECTIONAL TRAFFIC CONTROL	STAGE 1 - STAGE 2, PHASE 4
'CBTT'	STH 26 TEMPORARY NB OFF-RAMP	STAGE 2, PHASE 1 - STAGE 2, PHASE 2
'ODE'	TEMPORARY OVERLOOK DRIVE EMERGENCY ACCESS	STAGE 2, PHASE 1 - STAGE 3
'XCA'	TEMPORARY STH 26 NORTHBOUND CROSSOVER ON-RAMP	STAGE 2, PHASE 2 - STAGE 2, PHASE 4
'TKY'	TEMPORARY KENNEDY ROAD	STAGE 2, PHASE 2 - STAGE 3
'THB'	TEMPORARY USH 14 NORTHBOUND OFF-RAMP	STAGE 2, PHASE 3
'XCD'	TEMPORARY STH 26 SOUTHBOUND CROSSOVER OFF-RAMP	STAGE 4, PHASE 1
'THC'	TEMPORARY USH 14 SOUTHBOUND ON-RAMP	STAGE 4, PHASE 1 - STAGE 4, PHASE 3
'XHC'	TEMPORARY USH 14 SOUTHBOUND CROSSOVER ON-RAMP	STAGE 4, PHASE 1 - STAGE 4, PHASE 3
'TCD'	TEMPORARY STH 26 SOUTHBOUND OFF-RAMP	STAGE 4, PHASE 2
'THD'	TEMPORARY USH 14 SOUTHBOUND OFF-RAMP	STAGE 4, PHASE 2 - STAGE 4, PHASE 3
'YCD'	TEMPORARY STH 26 SOUTHBOUND CROSSOVER OFF-RAMP	STAGE 4, PHASE 3 - STAGE 4, PHASE 4
'CET'	EXISTING STH 26 NB	STAGE 2, PHASE 1 - STAGE 4, PHASE 2C (STH 26)
'CWT'	EXISTING STH 26 SB	STAGE 2, PHASE 1 - STAGE 4, PHASE 2 (STH 26)
'RTCA'	TEMPORARY NB ON-RAMP CONNECTION STH 26	STAGE 2, PHASE 2 - STAGE 4, PHASE 2 (STH 26)
'TCAA'	TEMPORARY NB ON-RAMP CONNECTION STH 26	STAGE 2, PHASE 2 - STAGE 2, PHASE 3 (STH 26)
'TCA'	TEMPORARY NB ON-RAMP CONNECTION STH 26	STAGE 3 - STAGE 4, PHASE 2A (STH 26)
'TCBA'	TEMPORARY NB OFF-RAMP CONNECTION STH 26	STAGE 3 - STAGE 4, PHASE 2C (STH 26)
~~'TCB'~~	~~TEMPORARY NB OFF-RAMP CONNECTION STH 26~~	~~STAGE 3 - STAGE 4, PHASE 3 (STH~~ 26)
'XB'	TRAFFIC CONTROL	STAGE 3 - STAGE 4, PHASE 4
~~'TCDA'~~	~~TEMPORARY SB OFF-RAMP CONNECTION STH 26~~	~~STAGE 4, PHASE 2 - STAGE 4, PHASE~~ 2A (STH 26)
'TCDR'	TEMPORARY SB OFF-RAMP CONNECTION STH 26	STAGE 4, PHASE 2B - STAGE 4, PHASE 2C (STH 26)
'TCE'	TEMPORARY PAVEMENT STH 26	STAGE 4, PHASE 3 - STAGE 4, PHASE 4C (STH 26)
'TCAL'	TEMPORARY NB ON-RAMP CONNECTION STH 26	STAGE 4, PHASE 4 - STAGE 4, PHASE 4C (STH 26)

HMA PAVEMENT, WHEN INDICATED ON THE PLANS, SHALL CONSIST OF COURSE THICKNESSES AS FOLLOWS:

ALIGNMENT LOCATIONS	TOTAL DEPTH	LAYERS	HMA MIXTURE
CA (PATH ONLY), CC (PATH ONLY), CE (PATH ONLY), CW (PATH ONLY), DSP, DNP, BPN	3-INCH	3" UPPER	4 LT 58-28 S
ITD	3.5-INCH	1.75" LOWER 1.75" UPPER	4 LT 58-28 S 4 LT 58-28 S
R/L, SB, HA, HB, HC, HD, CA, CAA, CB, CBA, CC, CCA, CD, CDA, TAC	4-INCH	4" UPPER	4 LT 58-28 S
KY, BR, TKY	4-INCH	2.25" LOWER 1.75" UPPER	3 LT 58-28 S 4 LT 58-28 S
THB, THC, XHC, THD	4.25-INCH	2.25" LOWER 2" UPPER	3 MT 58-28 S 4 MT 58-28 H
XCD, TCD, YCD, RTCA, TCAA TCA, TCBA, TCB, TCDA, TCDR, TCAL	4.5-INCH	2.5" LOWER 2" UPPER	3 MT 58-28 S 4 MT 58-28 H
HB, HD, HEA, HWA	4.75-INCH	2.75" LOWER 2" UPPER	3 HT 58-28 S 4 HT 58-28 H
RY, RYM, DDN, DDS, MS	4.75-INCH	2.75" LOWER 2" UPPER	3 LT 58-28 S 4 LT 58-28 S
CE, CET, CWT, TCE, CE (TEMP.) CW (TEMP.), KT (TEMP.)	5-INCH	3" LOWER 2" UPPER	3 HT 58-28 S 4 HT 58-28 H
BPN	5.5-INCH	3" LOWER 2.5" UPPER	4 LT 58-28 S 4 LT 58-28 S
WFR, EFR, KT	6.25-INCH	3.75" LOWER 2.5" UPPER	3 MT 58-28 S 4 MT 58-28 H
XCA	6.5-INCH	4" LOWER 2.5" UPPER	3 HT 58-28 S 4 HT 58-28 H

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Addendum No. 1
ID 1005-10-77
Revised Sheet 3
November 28, 2018

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CROSS SECTION LEGEND

FINISHED ROADWAYS

IDENTIFIER	DESCRIPTION		STAGE AND PHASE CONSTRUCTED IN
REF. LINE	IH 39/90 NORTHBOUND		
	BEGIN - USH 14	869+00 - 921+55	STAGE 2, PHASE 1 - STAGE 2, PHASE 3 STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 2, PHASE 4 STAGE 3 STAGE 5
	USH 14 - RYAN	923+55 - 952+70	STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 2, PHASE 3 - STAGE 2, PHASE 4 STAGE 5
	RYAN - STH 26	953+90 - 963+20	STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 2, PHASE 3 - STAGE 2, PHASE 4
	STH 26 - WSOR	965+35 - 982+65	STAGE 2, PHASE 1 STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 3 STAGE 5
	WSOR - KENNEDY	983+55 - 1014+75	STAGE 2, PHASE 1 STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 3 STAGE 5
	KENNEDY - END	1016+45 - 1086+50	STAGE 2, PHASE 1 STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 3 STAGE 5 STAGE 6
'SB'	IH 39/90 SOUTHBOUND		
	BEGIN - USH 14	869+00 - 921+55	STAGE 2, PHASE 3 STAGE 4, PHASE 1 - STAGE 4, PHASE 3 STAGE 4, PHASE 1 - STAGE 4, PHASE 4 STAGE 4, PHASE 4 STAGE 5
	USH 14 - RYAN	923+55 - 952+70	STAGE 4, PHASE 1 - STAGE 4, PHASE 3 STAGE 4, PHASE 1 - STAGE 4, PHASE 4 STAGE 4, PHASE 4
	RYAN - STH 26	953+90 - 963+20	STAGE 4, PHASE 1 - STAGE 4, PHASE 3 STAGE 4, PHASE 1 - STAGE 4, PHASE 4
	STH 26 - WSOR	965+35 - 982+65	STAGE 4, PHASE 2 STAGE 4, PHASE 1 - STAGE 4, PHASE 3 STAGE 4, PHASE 3 STAGE 4, PHASE 1 - STAGE 4, PHASE 4 STAGE 4, PHASE 2 - STAGE 4, PHASE 4 STAGE 4, PHASE 3 - STAGE 4, PHASE 4
	WSOR - KENNEDY	983+55 - 1014+75	STAGE 4, PHASE 1 - STAGE 4, PHASE 2 STAGE 4, PHASE 2 STAGE 4, PHASE 1 - STAGE 4, PHASE 4 STAGE 5
	KENNEDY - END	1016+45 - 1099+50	STAGE 4, PHASE 1 - STAGE 4, PHASE 2 STAGE 4, PHASE 1 - STAGE 4, PHASE 4 STAGE 5
'HA'	USH 14 NORTHBOUND ON-RAMP		STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 2, PHASE 3 - STAGE 2, PHASE 4
'HB'	USH 14 NORTHBOUND OFF-RAMP		STAGE 2, PHASE 2 STAGE 2, PHASE 1 - STAGE 2, PHASE 3 STAGE 2, PHASE 3 STAGE 2, PHASE 4
'HC'	USH 14 SOUTHBOUND ON-RAMP		STAGE 2, PHASE 4 - STAGE 3 STAGE 3 STAGE 4, PHASE 1 - STAGE 4, PHASE 3 STAGE 4, PHASE 4
'HD'	USH 14 SOUTHBOUND OFF-RAMP		STAGE 4, PHASE 1 - STAGE 4, PHASE 3 STAGE 4, PHASE 3 STAGE 4, PHASE 4
'CA'	STH 26 NORTHBOUND ON-RAMP		STAGE 2, PHASE 1 STAGE 4, PHASE 2B STAGE 5
'CAA'	STH 26 NORTHBOUND ON-RAMP (AUX. ALIGN.)		STAGE 4, PHASE 2A STAGE 4, PHASE 2B STAGE 5
'CB'	STH 26 NORTHBOUND OFF-RAMP		STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 2, PHASE 3 - STAGE 2, PHASE 4 STAGE 4, PHASE 4
'CBA'	STH 26 NORTHBOUND OFF-RAMP (AUX. ALIGN.)		STAGE 2, PHASE 1 - STAGE 2, PHASE 4 STAGE 2, PHASE 3 - STAGE 2, PHASE 4 STAGE 4, PHASE 4
'CC'	STH 26 SOUTHBOUND ON-RAMP		STAGE 4, PHASE 1 - STAGE 4, PHASE 3 STAGE 4, PHASE 4A
'CCA'	STH 26 SOUTHBOUND ON-RAMP (AUX. ALIGN.)		STAGE 4, PHASE 1 - STAGE 4, PHASE 3 STAGE 4, PHASE 4A

CROSS SECTION LEGEND

FINISHED ROADWAYS

IDENTIFIER	DESCRIPTION	STAGE AND PHASE CONSTRUCTED IN
'CD'	STH 26 SOUTHBOUND OFF-RAMP	STAGE 3 - STAGE 4, PHASE 1 STAGE 4, PHASE 2A STAGE 4, PHASE 2 STAGE 4, PHASE 3 STAGE 5
'CDA'	STH 26 SOUTHBOUND OFF-RAMP (AUX. ALIGN.)	STAGE 3 - STAGE 4, PHASE 1 STAGE 4, PHASE 2A STAGE 5
'HEA'	USH 14 EASTBOUND EXISTING	N/A - NOT STAGED
'HWA'	USH 14 WESTBOUND EXISTING	N/A - NOT STAGED
'CE'	STH 26 EASTBOUND	N/A - NOT STAGED
'CW'	STH 26 WESTBOUND	N/A - NOT STAGED
'MS'	MORSE STREET	STAGE 4, PHASE 4C
'EFR'	STH 26 EAST FRONTAGE ROAD	STAGE 4, PHASE 4A
'WFR'	STH 26 WEST FRONTAGE ROAD	STAGE 4, PHASE 2A
'KT'	KETTERING STREET	N/A - NOT STAGED
'RY'	RYAN ROAD	STAGE 4, PHASE 1 - STAGE 4, PHASE 2
'RYM'	RYAN ROAD CUL-DE-SAC	STAGE 5
'DDN'	DEERFIELD DRIVE NORTHBOUND	STAGE 4, PHASE 1 - STAGE 4, PHASE 2
'DDS'	DEERFIELD DRIVE SOUTHBOUND	STAGE 4, PHASE 1 - STAGE 4, PHASE 2
'KY'	KENNEDY ROAD	STAGE 2, PHASE 1 STAGE 4, PHASE 1 - STAGE 4, PHASE 2
'BR'	BRENTWOOD DRIVE	STAGE 2, PHASE 1
'DSW'	DEERFIELD SIDEWALK	STAGE 4, PHASE 1 - STAGE 4, PHASE 2
'RYS'	RYAN ROAD SIDEWALK	STAGE 4, PHASE 4A
'DSS'	STH 26 SB OFF-RAMP SIDEWALK	STAGE 5
'DSP'	STH 26 SB ON-RAMP PATH	STAGE 4, PHASE 4A
'DNS'	STH 26 NB OFF-RAMP SIDEWALK	STAGE 4, PHASE 4
'DNP'	STH 26 NB ON-RAMP PATH	STAGE 5
'BPN'	STH 26 PATH	STAGE 3 - STAGE 4, PHASE 1
'WSR'	WSOR RAILROAD	STAGE 2, PHASE 1 STAGE 4, PHASE 2
'ITD'	ITS DRIVEWAY	STAGE 4, PHASE 1 - STAGE 4, PHASE 4
'TAC'	MAINTENANCE CROSSOVER	STAGE 5

TEMPORARY ROADWAYS

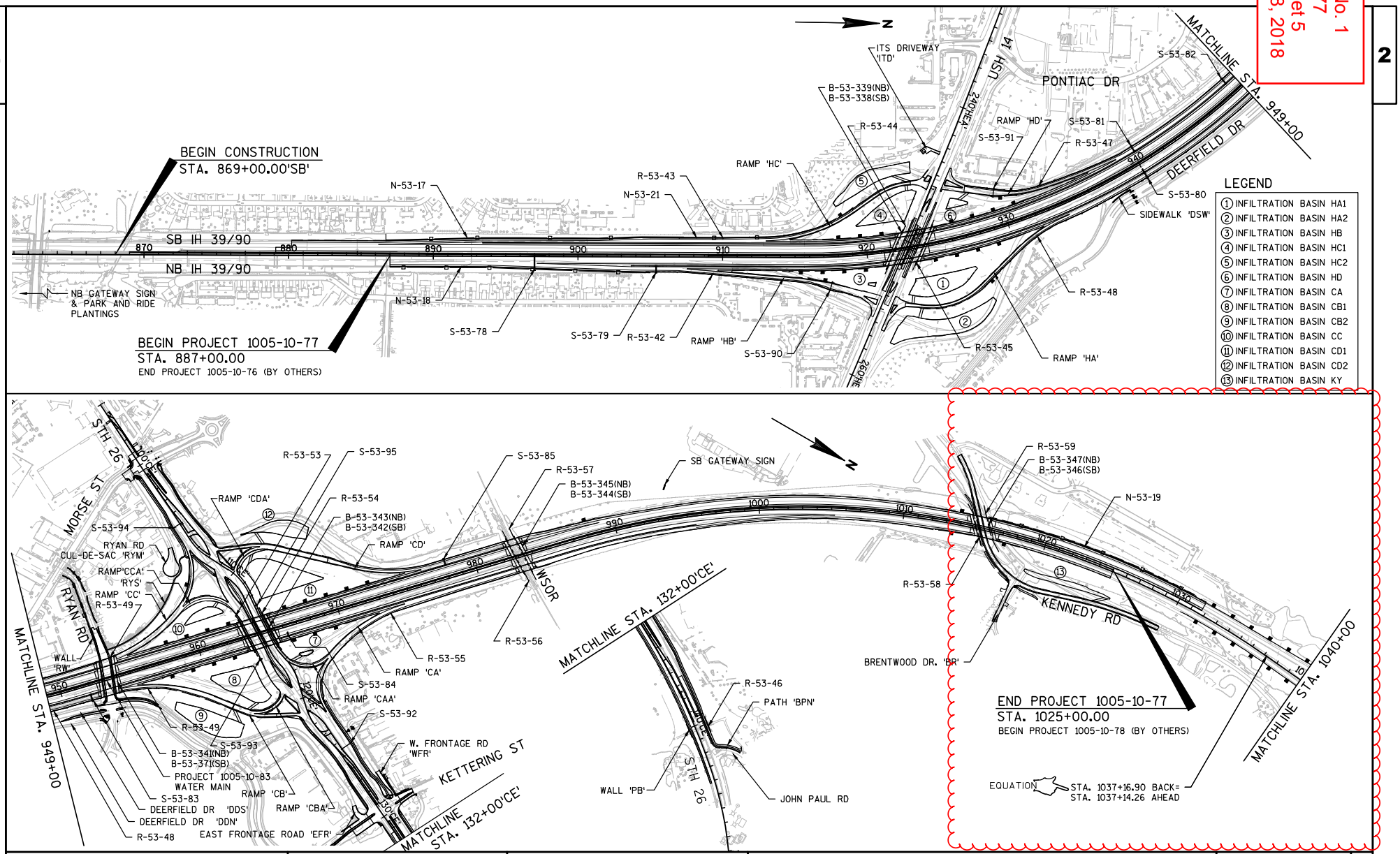
INDENTIFIER	DESCRIPTION	STAGE AND PHASE CONSTRUCTED IN
'ODE'	TEMPORARY OVERLOOK DRIVE EMERGENCY ACCESS	STAGE 1
'XCA'	TEMPORARY STH 26 NORTHBOUND CROSSOVER ON-RAMP	STAGE 2, PHASE 1
'TKY'	TEMPORARY KENNEDY ROAD	STAGE 2, PHASE 1
'THB'	TEMPORARY USH 14 NORTHBOUND OFF-RAMP	STAGE 2, PHASE 1 STAGE 2, PHASE 2
'XCD'	TEMPORARY STH 26 SOUTHBOUND CROSSOVER OFF-RAMP	STAGE 3
'THC'	TEMPORARY USH 14 SOUTHBOUND ON-RAMP	STAGE 3
'XHC'	TEMPORARY USH 14 SOUTHBOUND CROSSOVER ON-RAMP	STAGE 3
'TCD'	TEMPORARY STH 26 SOUTHBOUND OFF-RAMP	STAGE 4, PHASE 1
'THD'	TEMPORARY USH 14 SOUTHBOUND OFF-RAMP	STAGE 4, PHASE 1
'YCD'	TEMPORARY STH 26 SOUTHBOUND CROSSOVER OFF-RAMP	STAGE 4, PHASE 2
'CET'	EXISTING STH 26 NB	STAGE 2, PHASE 2 STAGE 2, PHASE 3 STAGE 4, PHASE 1 STAGE 4, PHASE 2
TEMP 'CE'	TEMPORARY PAVEMENT STH 26	STAGE 4, PHASE 1 STAGE 4, PHASE 2A STAGE 4, PHASE 2
TEMP 'KT'	TEMPORARY PAVEMENT KETTERING STREET	STAGE 4, PHASE 2 STAGE 4, PHASE 4
'RTCA'	TEMPORARY NB ON-RAMP CONNECTION STH 26	STAGE 2, PHASE 1
'TCAA'	TEMPORARY NB ON-RAMP CONNECTION STH 26	STAGE 2, PHASE 1
'TCA'	TEMPORARY NB ON-RAMP CONNECTION STH 26	STAGE 2, PHASE 1
'TCBA'	TEMPORARY NB OFF-RAMP CONNECTION STH 26	STAGE 2, PHASE 3 - STAGE 2, PHASE 4
'TCB'	TEMPORARY NB OFF-RAMP CONNECTION STH 26	STAGE 2, PHASE 3 - STAGE 2, PHASE 4
'TCDA'	TEMPORARY SB OFF-RAMP CONNECTION STH 26	STAGE 4, PHASE 1
'TCDR'	TEMPORARY SB OFF-RAMP CONNECTION STH 26	STAGE 4, PHASE 2A
'TCE'	TEMPORARY PAVEMENT STH 26	STAGE 4, PHASE 2A STAGE 4, PHASE 2B STAGE 4, PHASE 3
'TCAL'	TEMPORARY NB ON-RAMP CONNECTION STH 26	STAGE 4, PHASE 2B
TEMP 'CW'	TEMPORARY PAVEMENT STH 26	STAGE 4, PHASE 2A STAGE 4, PHASE 3 STAGE 4, PHASE 4

Addendum No. 1
ID 1005-10-77
Revised Sheet 4
November 28, 2018

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 5
November 28, 2018

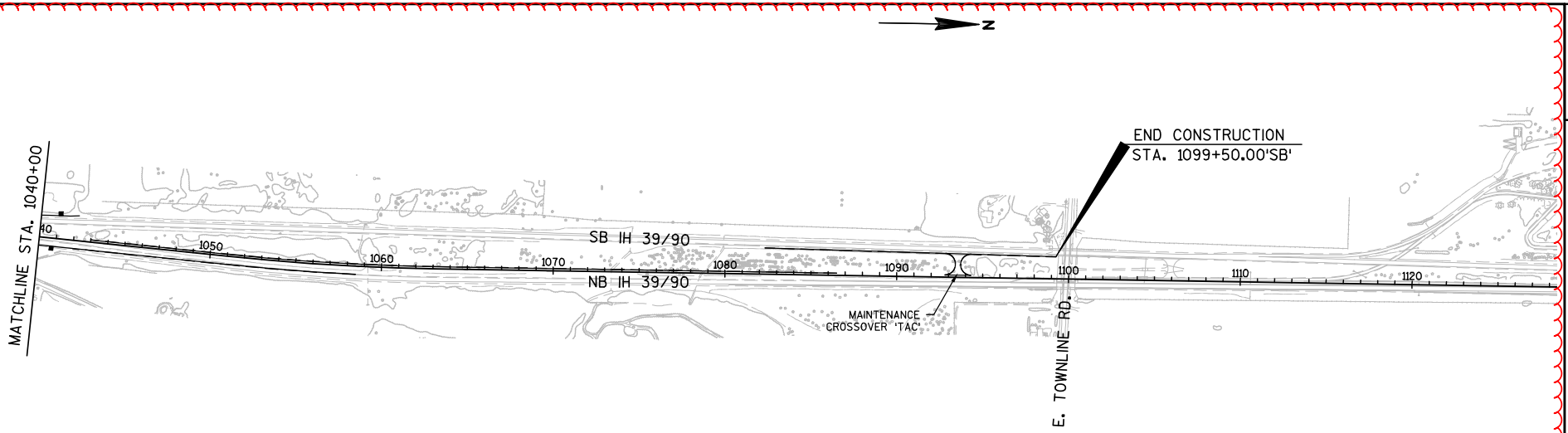
2



2

PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	PLAN: PROJECT OVERVIEW	SHEET 5	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\020201_PO.DWG
LAYOUT NAME - ****
PLOT DATE : 11/5/2018 1:58 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT



Addendum No. 1
ID 1005-10-77
Added Sheet 5A
November 28, 2018

PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	PLAN: PROJECT OVERVIEW	SHEET 5A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\020201_PO.DWG
LAYOUT NAME - ****
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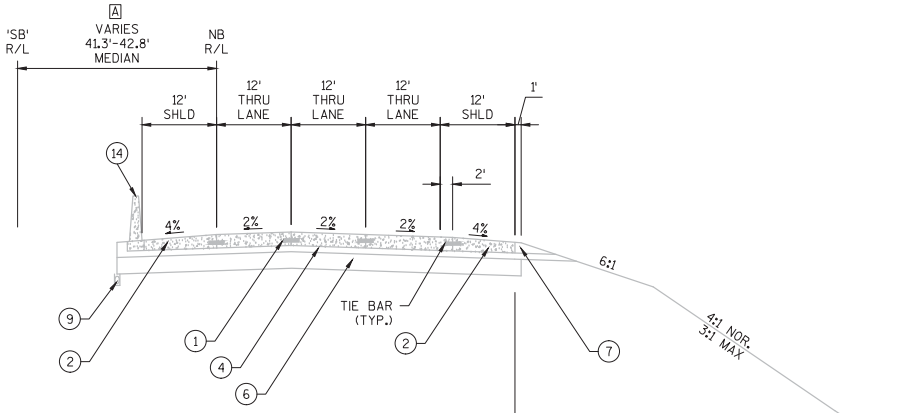
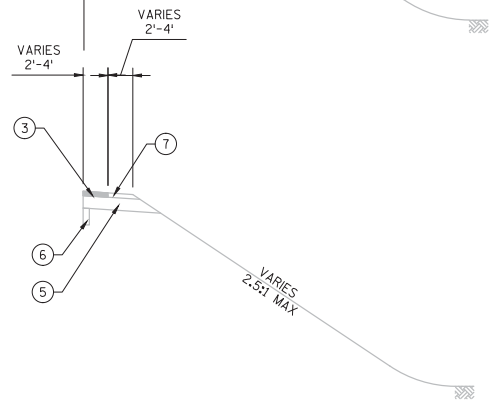
2

Addendum No. 1
ID 1005-10-77
Added Sheet 6A
November 28, 2018



TYPICAL EXISTING SECTION - IH 39/90

STA. 1025+00 - STA. 1031+70



PARTIAL EXISTING SECTION - IH 39/90

STA. 1030+45 - STA. 1031+70, RT.

LEGEND

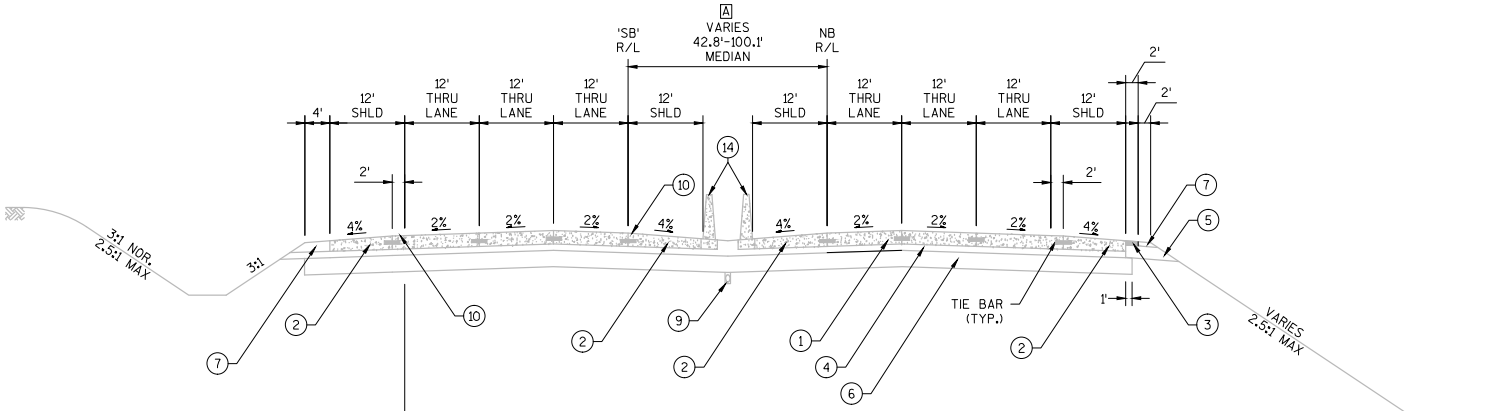
1	CONCRETE PAVEMENT 12-INCH (DOWELED & TINED)
2	CONCRETE PAVEMENT, VARYING DEPTH
3	HMA PAVEMENT, 4-INCH
4	BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
5	BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
6	SELECT CRUSHED MATERIAL, 16-INCH
7	BASE AGGREGATE DENSE 3/4-INCH
9	PIPE UNDERDRAIN 6-INCH
14	CONCRETE BARRIER TYPE S42

A MEDIAN DISTANCE IS MEASURED PERPENDICULAR TO THE NB R/L

NOTE:
EXISTING ROADWAY SECTION IS CONSTRUCTED CONCURRENTLY BY OTHERS UNDER PROJECT 1005-10-78

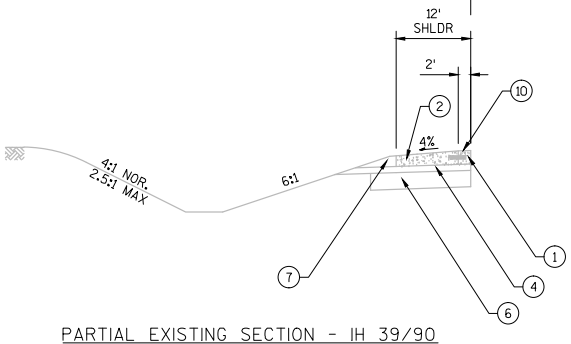
2

Addendum No. 1
ID 1005-10-77
Added Sheet 6B
November 28, 2018



TYPICAL EXISTING SECTION - IH 39/90

STA. 1031+70 - STA. 1043+00
STA. 1032+00'SB' - STA. 1043+30'SB'



PARTIAL EXISTING SECTION - IH 39/90

STA. 1042+60'SB' - STA. 1043+30'SB', LT.

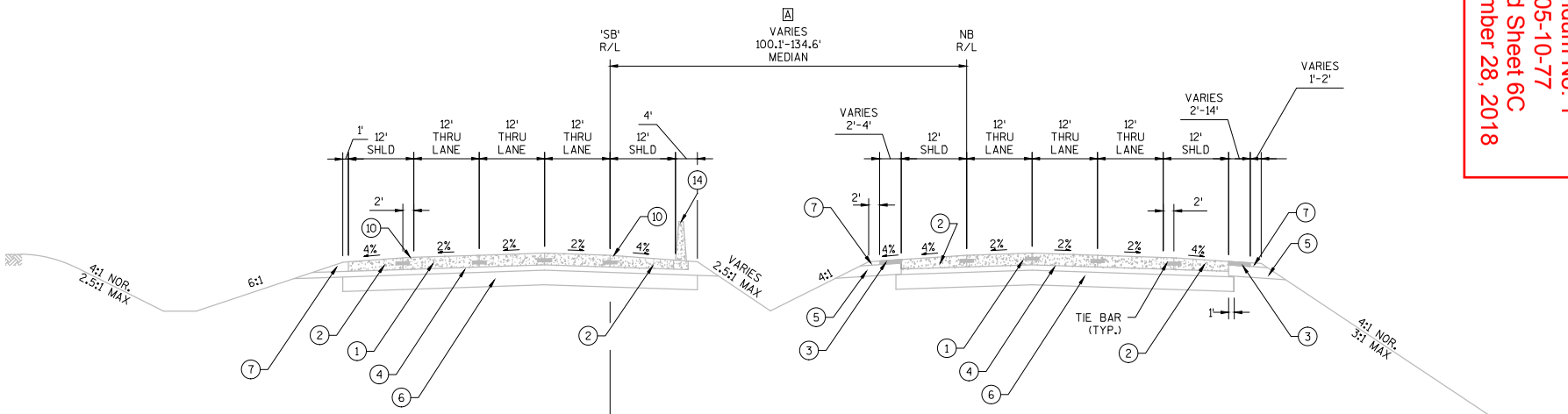
LEGEND

1	CONCRETE PAVEMENT 12-INCH (DOWELED & TINED)
2	CONCRETE PAVEMENT, VARYING DEPTH
3	HMA PAVEMENT, 4-INCH
4	BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
5	BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
6	SELECT CRUSHED MATERIAL, 16-INCH
7	BASE AGGREGATE DENSE 3/4-INCH
9	PIPE UNDERDRAIN 6-INCH
10	CONCRETE RUMBLE STRIPS
14	CONCRETE BARRIER TYPE S42

A MEDIAN DISTANCE IS MEASURED PERPENDICULAR TO THE NB R/L

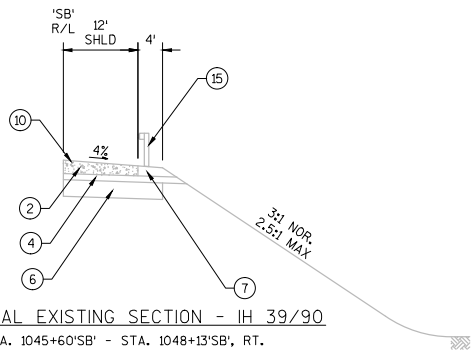
NOTE:
EXISTING ROADWAY SECTION IS CONSTRUCTED CONCURRENTLY BY OTHERS UNDER PROJECT 1005-10-78

Addendum No. 1
ID 1005-10-77
Added Sheet 6C
November 28, 2018



EXISTING FINISHED SECTION - IH 39/90

STA. 1043+00 - STA. 1047+76
STA. 1043+30'SB' - STA. 1048+13'SB'



PARTIAL EXISTING SECTION - IH 39/90

STA. 1045+60'SB' - STA. 1048+13'SB', RT.

LEGEND

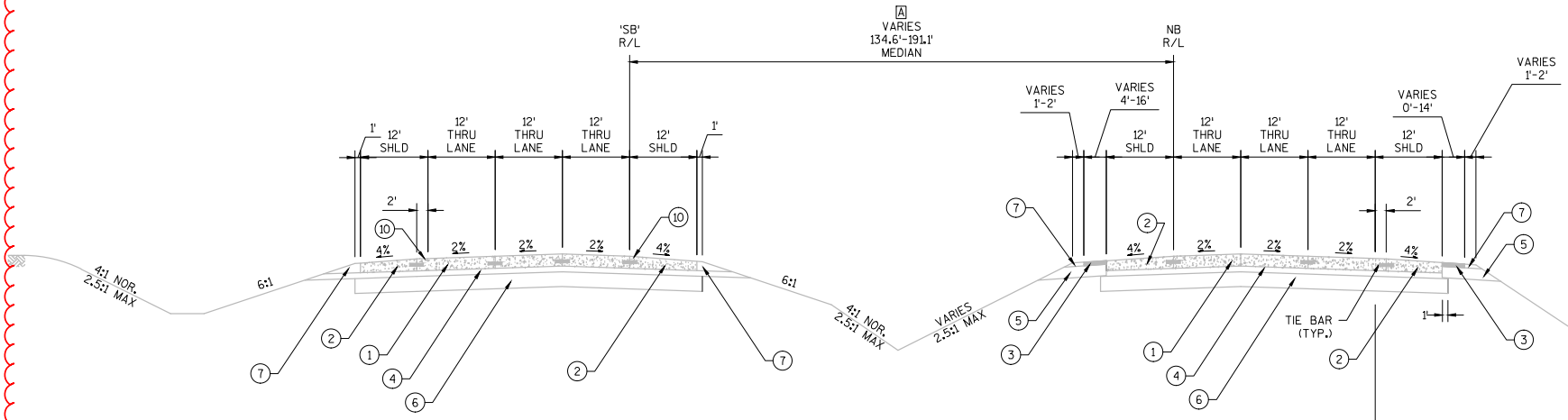
1	CONCRETE PAVEMENT 12-INCH (DOWELED & TINED)
2	CONCRETE PAVEMENT, VARYING DEPTH
3	HMA PAVEMENT, 4-INCH
4	BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
5	BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
6	SELECT CRUSHED MATERIAL, 16-INCH
7	BASE AGGREGATE DENSE 3/4-INCH
10	CONCRETE RUMBLE STRIPS
14	CONCRETE BARRIER TYPE S42
15	MGS GUARDRAIL 3

A MEDIAN DISTANCE IS MEASURED PERPENDICULAR TO THE NB R/L

NOTE:
EXISTING ROADWAY SECTION IS CONSTRUCTED CONCURRENTLY BY OTHERS UNDER PROJECT 1005-10-78

2

Addendum No. 1
ID 1005-10-77
Added Sheet 6D
November 28, 2018



EXISTING FINISHED SECTION - IH 39/90

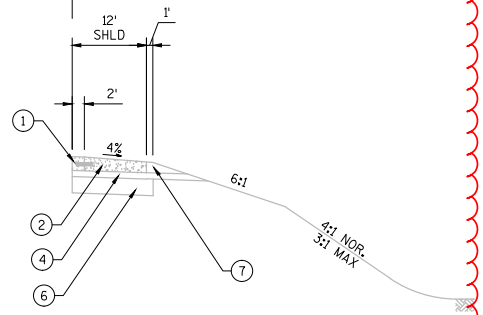
STA. 1047+76 - STA. 1069+49
STA. 1048+13'SB' - STA. 1069+72'SB'

LEGEND

1	CONCRETE PAVEMENT 12-INCH (DOWELED & TINED)
2	CONCRETE PAVEMENT, VARYING DEPTH
3	HMA PAVEMENT, 4-INCH
4	BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
5	BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
6	SELECT CRUSHED MATERIAL, 16-INCH
7	BASE AGGREGATE DENSE 3/4-INCH
10	CONCRETE RUMBLE STRIPS

A MEDIAN DISTANCE IS MEASURED PERPENDICULAR TO THE NB R/L

NOTE:
EXISTING ROADWAY SECTION IS CONSTRUCTED CONCURRENTLY BY OTHERS UNDER PROJECT 1005-10-78

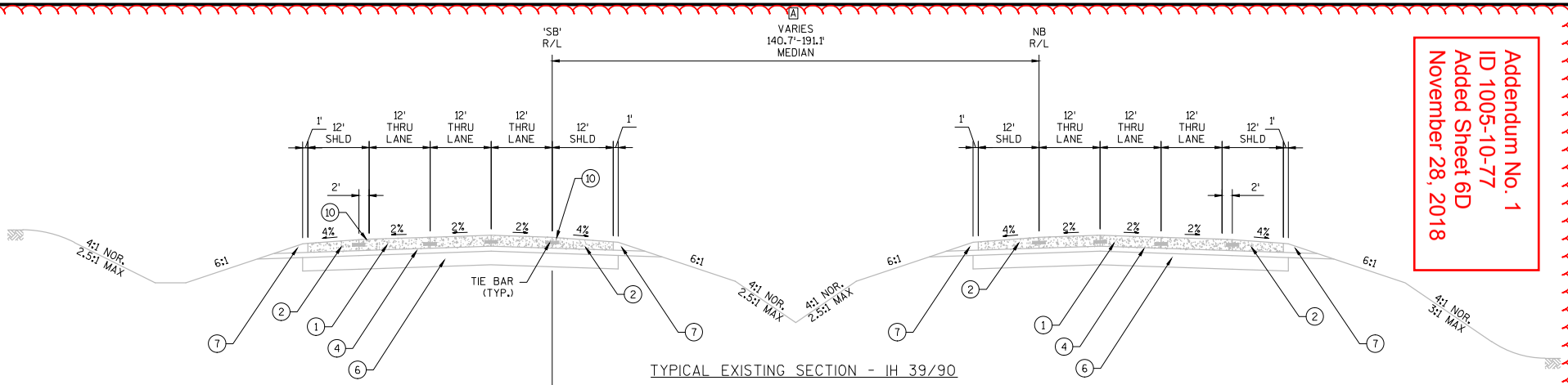


PARTIAL EXISTING SECTION - IH 39/90

STA. 1058+12 - STA. 1069+49, RT.

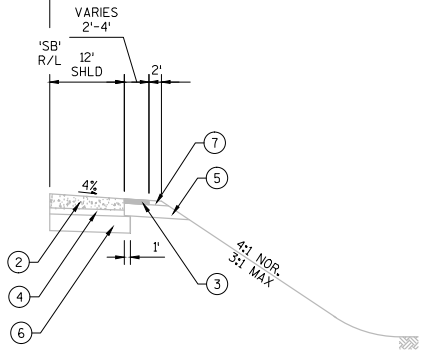
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TYPICAL SECTIONS - EXISTING IH 39/90	SHEET 6D	E

Addendum No. 1
ID 1005-10-77
Added Sheet 6D
November 28, 2018



TYPICAL EXISTING SECTION - IH 39/90

STA. 1069+49 - STA. 1086+50
STA. 1069+72'SB' - STA. 1099+50'SB'



PARTIAL EXISTING SECTION - IH 39/90

STA. 1097+00'SB' - STA. 1099+32'SB', RT.

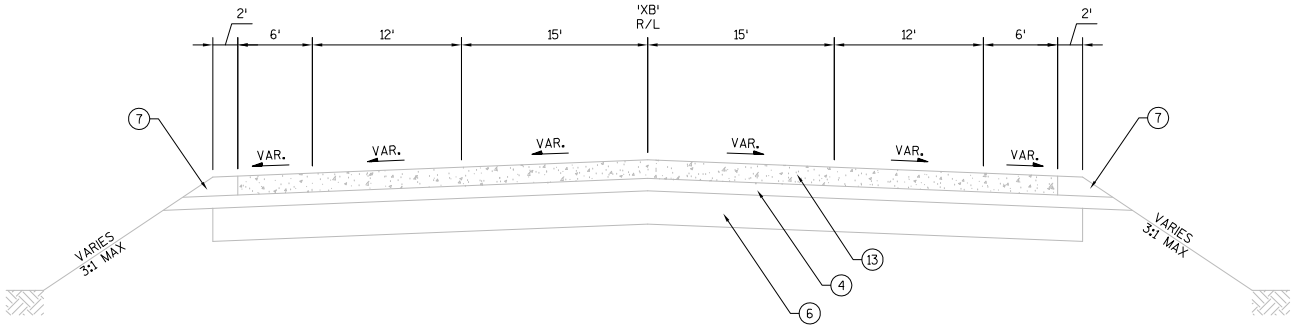
LEGEND

1	CONCRETE PAVEMENT 12-INCH (DOWELED & TINED)	6	SELECT CRUSHED MATERIAL, 16-INCH
2	CONCRETE PAVEMENT, VARYING DEPTH	7	BASE AGGREGATE DENSE 3/4-INCH
3	HMA PAVEMENT, 4-INCH	10	CONCRETE RUMBLE STRIPS
4	BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH		
5	BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH		

A MEDIAN DISTANCE IS MEASURED PERPENDICULAR TO THE NB R/L

NOTE:
EXISTING ROADWAY SECTION IS CONSTRUCTED CONCURRENTLY BY OTHERS UNDER PROJECT 1005-10-78

Addendum No. 1
ID 1005-10-77
Added Sheet 17A
November 28, 2018



TYPICAL EXISTING SECTION - MAINLINE 'XB' CROSSOVER

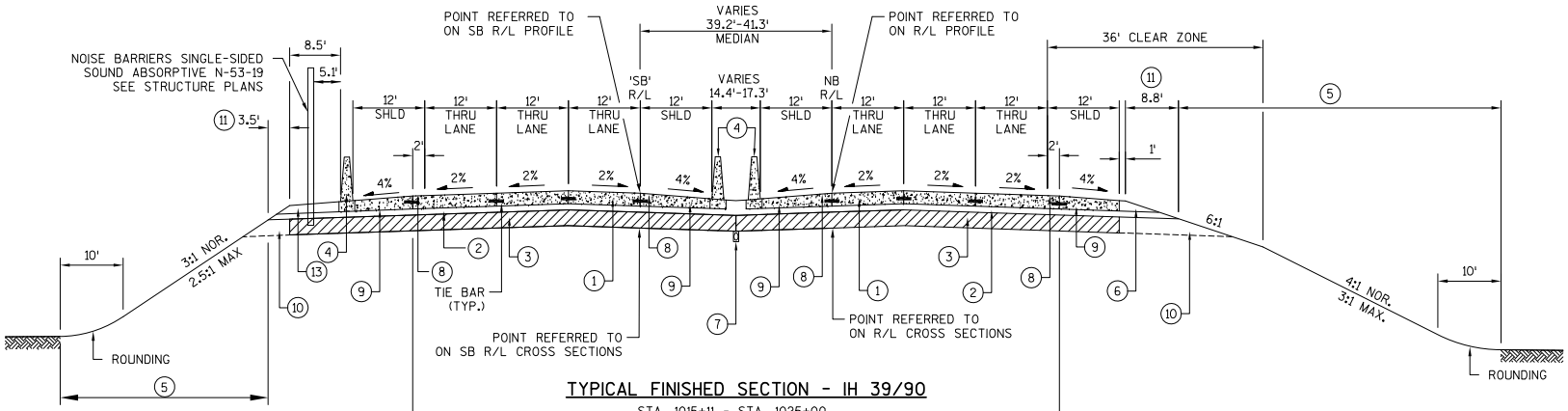
STA. 1069+49'XB' - STA. 1096+85'XB'

LEGEND

1. CONCRETE PAVEMENT 9-INCH
2. BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
3. SELECT CRUSHED MATERIAL, 16-INCH
4. BASE AGGREGATE DENSE 3/4-INCH

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TYPICAL SECTIONS - EXISTING CROSSOVER 'XB'	SHEET 17A	E

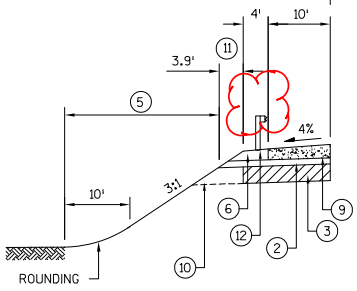
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\020301_TS_EXISTING_39.DWG PLOT DATE : 11/12/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:10 FT_1 WISDOT/CADDS SHEET 42



TYPICAL FINISHED SECTION - IH 39/90

STA. 1015+11 - STA. 1025+00

STA. 1014+65'SB' - STA. 1032+00'SB'

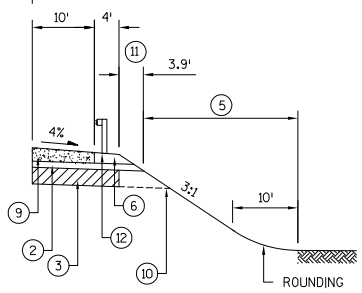


FINISHED PARTIAL SECTION - IH 39/90

STA. 1031+00'SB' - STA. 1032+00'SB', LT.

LEGEND

1	CONCRETE PAVEMENT 12-INCH (DOWELED & TINED)
2	BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
3	SELECT CRUSHED MATERIAL, 16-INCH
4	CONCRETE BARRIER TYPE S42 (SEE DETAIL)
5	SALVAGED TOPSOIL, SEEDING MIXTURE NO. 20, FERTILIZER TYPE A, AND MULCH
6	BASE AGGREGATE DENSE 3/4-INCH
7	PIPE UNDERDRAIN 6-INCH
8	CONCRETE SHOULDER RUMBLE STRIPS
9	CONCRETE PAVEMENT, VARYING DEPTH (PAID FOR AS "CONCRETE PAVEMENT 12-INCH") - SEE DETAIL
10	CONSTRUCT RELIEF TRENCHES AT DITCH SAG POINTS OR EVERY 250'
11	SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE A
12	MGS GUARDRAIL 3
13	FREE DRAINING COMPACTED MATERIAL (SEE STRUCTURE PLAN)



FINISHED PARTIAL SECTION - IH 39/90

STA. 1016+65' - STA. 1018+34, RT.

Addendum No. 1
ID 1005-10-77
Revised Sheet 28
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TYPICAL SECTIONS - IH 39/90	SHEET 28 _____ E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\020301_TS_39.DWG PLOT DATE : 11/7/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1" = 20'_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

1	BASE AGGREGATE DENSE 3/4-INCH, 4-INCH
2	MGS GUARDRAIL 3
3	SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE A
4	SALVAGED TOPSOIL, SEEDING MIXTURE NO. 20, FERTILIZER TYPE A, AND MULCH
5	CONCRETE SHOULDER RUMBLE STRIPS

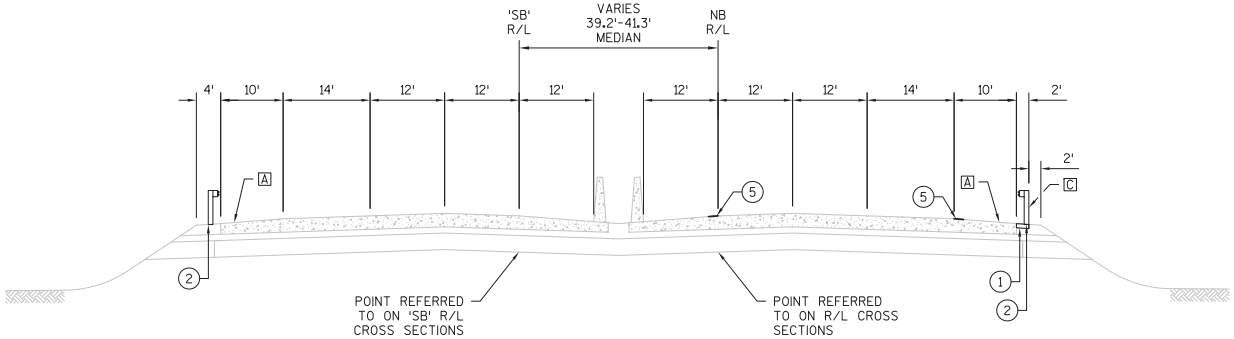
A EXISTING ROADWAY SECTION CONSTRUCTED BY OTHERS UNDER PROJECT 1005-10-78

B END CONCRETE SHOULDER RUMBLE STRIPS STA. 1081+50

C BEGIN MGS GUARDRAIL AND BASE AGGREGATE DENSE 3/4-INCH STA. 1030+45

D BEGIN SHOULDER WORK STA. 1043+00, LT

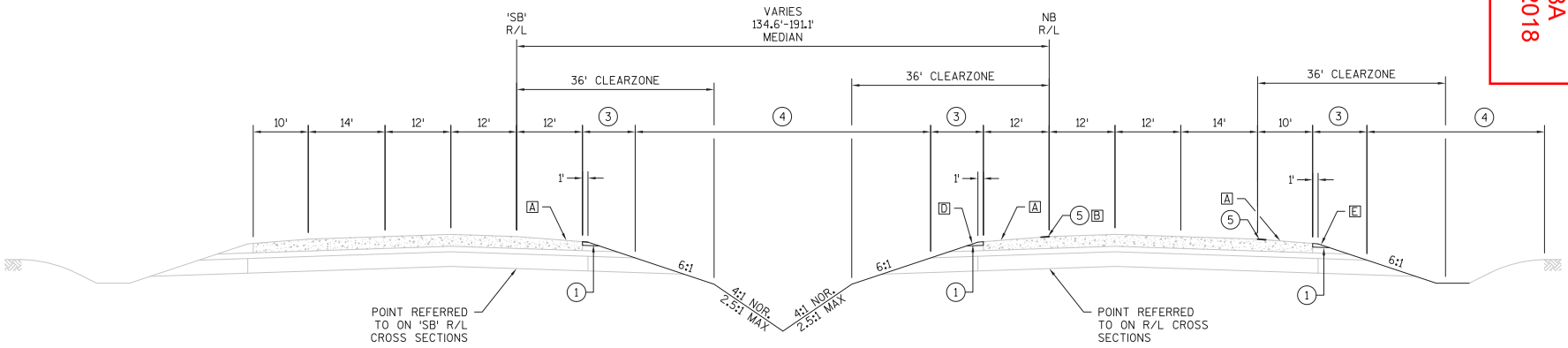
E END SHOULDER WORK STA. 1058+50, RT



TYPICAL FINISHED SECTION - IH 39/90

STA. 1025+00 - STA. 1042+00
STA. 1032+00'SB' - STA. 1042+60'SB'

Addendum No. 1
ID 1005-10-77
Added Sheet 28A
November 28, 2018



TYPICAL FINISHED SECTION - IH 39/90

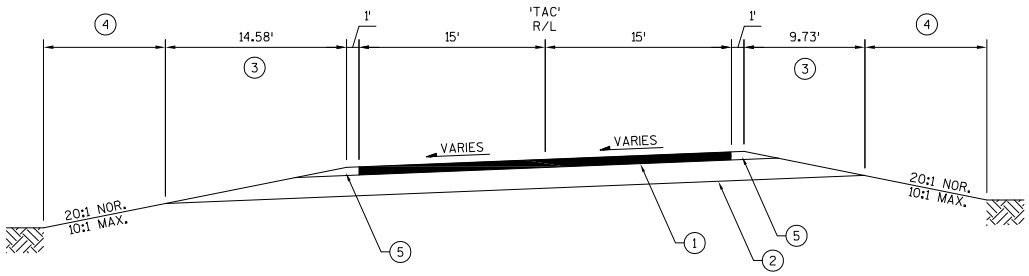
STA. 1082+50'SB' - STA. 1099+50'SB'

TYPICAL FINISHED SECTION - IH 39/90

STA. 1042+00 - STA. 1086+50, LT
STA. 1042+00 - STA. 1081+50, RT

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TYPICAL SECTIONS - IH 39/90	SHEET ____	E

Addendum No. 1
ID 1005-10-77
Added Sheet 88A
November 28, 2018



TYPICAL FINISHED SECTION - MAINTENANCE CROSSOVER 'TAC'

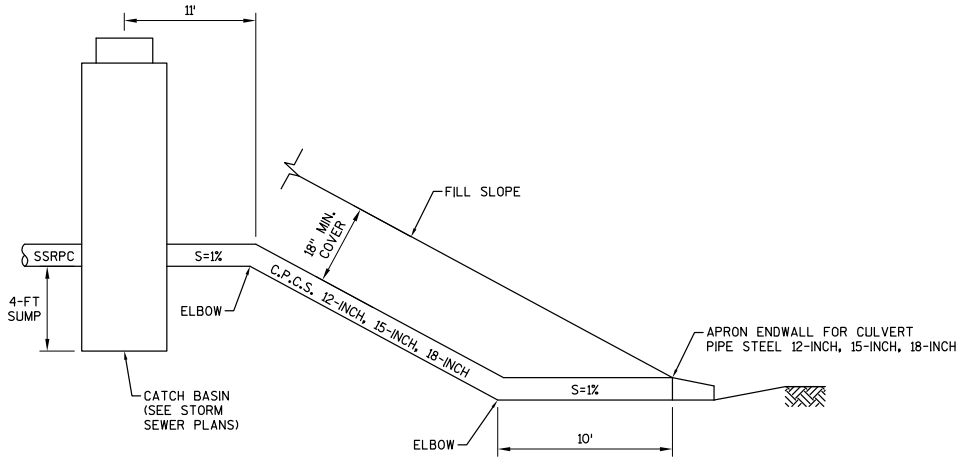
STA. 85+39'TAC' - STA. 86+64'TAC'

LEGEND

1. HMA PAVEMENT, 4-INCH (4 LT 58-28 S)
2. BASE AGGREGATE DENSE 1 1/4-INCH, 10-INCH
3. SEEDING MIXTURE NO. 30 AND FERTILIZER TYPE A
4. SALVAGED TOPSOIL, SEEDING MIXTURE NO. 20, FERTILIZER TYPE A, AND MULCH
5. BASE AGGREGATE DENSE 3/4-INCH

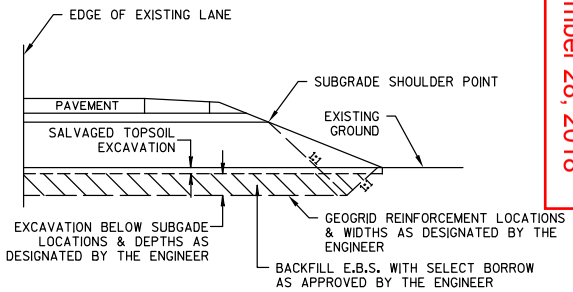
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TYPICAL SECTIONS - MAINTENANCE CROSSOVER 'TAC'	SHEET 88A	E

2



SLOPED OUTFALL FOR STORM SEWER TO INFILTRATION BASIN

(SEE STORM SEWER PLANS FOR LOCATIONS)

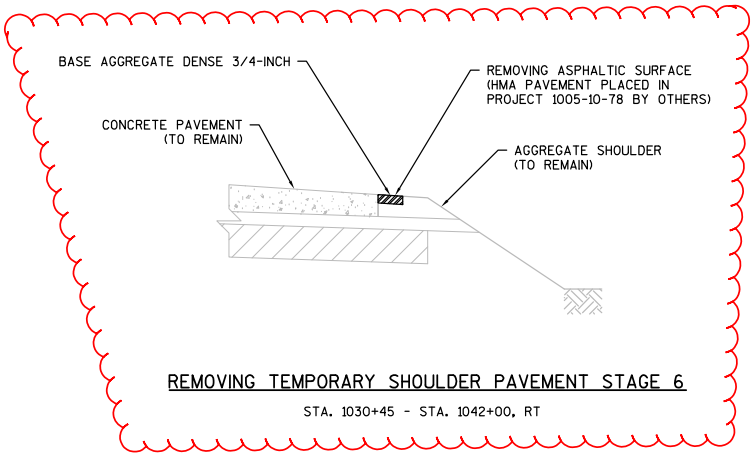


DETAIL FOR EXCAVATION BELOW SUBGRADE (E.B.S.)

THIS DETAIL TO BE USED FOR REMOVAL OF UNSUITABLE MATERIAL.
EXCAVATION BELOW SUBGRADE SHOWN IN
COMPUTER EARTHWORK DATA TABLES.

Addendum No. 1
ID 1005-10-77
Revised Sheet 127
November 28, 2018

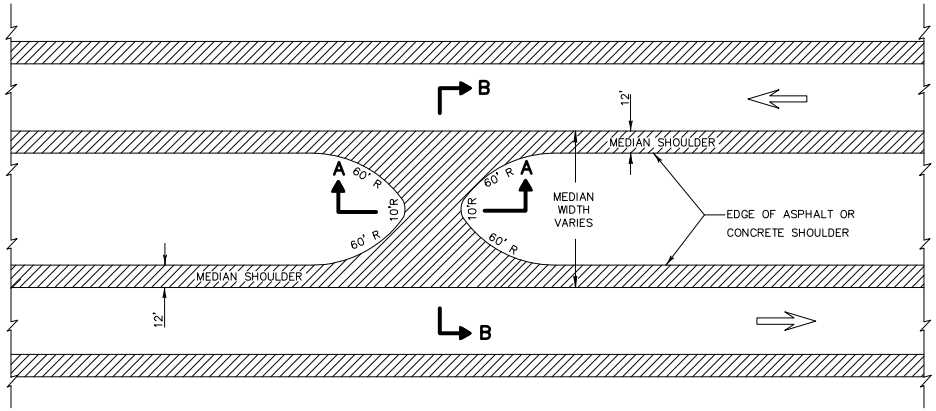
2



REMOVING TEMPORARY SHOULDER PAVEMENT STAGE 6

STA. 1030+45 - STA. 1042+00, RT

2

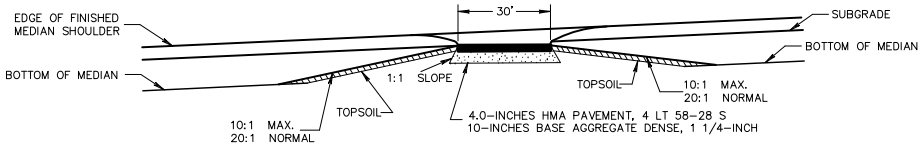


PLAN VIEW

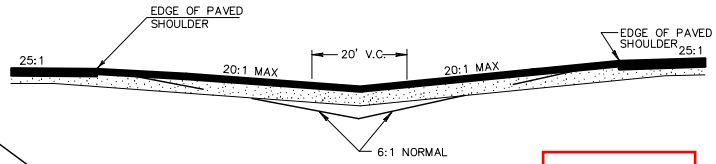
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

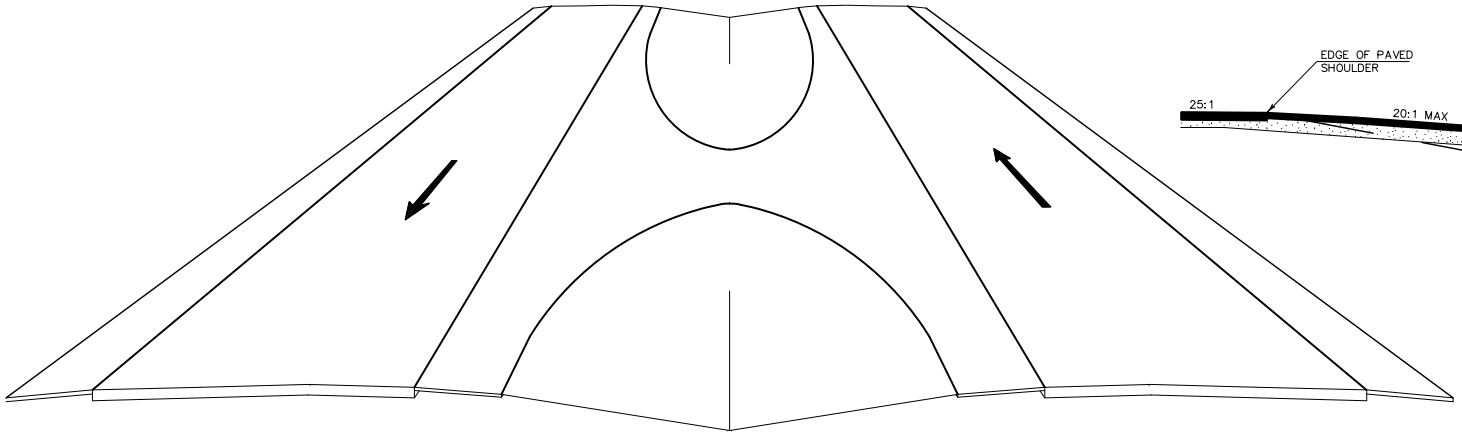
SIGNING AND DELINEATOR DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.



SECTION A–A



SECTION B–B



CONSTRUCTION DETAIL FOR MAINTENANCE CROSSOVER

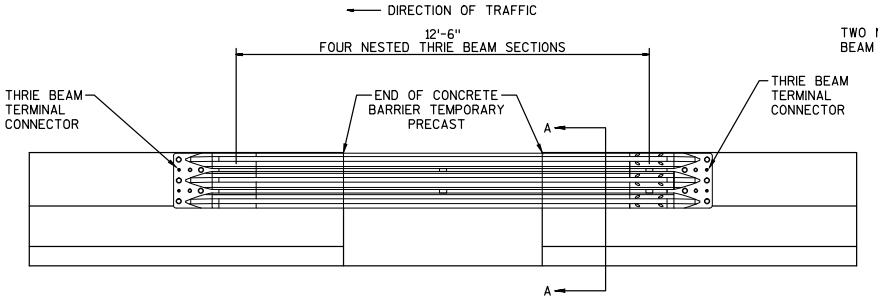
Addendum No. 1
ID 1005-10-77
Added Sheet 127A
November 28, 2018

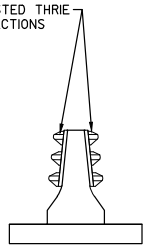
2

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	CONSTRUCTION DETAILS	SHEET 127A	E

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 129
November 28, 2018

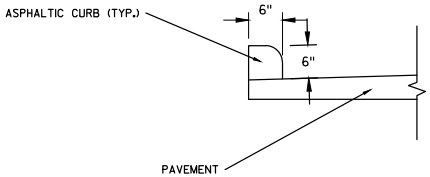




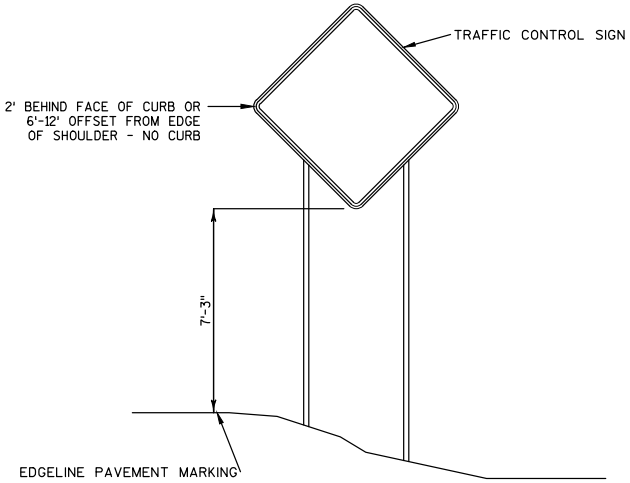
SECTION A-A

THRIE BEAM CONNECTION FOR GAPPING CONCRETE BARRIER TEMPORARY PRECAST

(PAID FOR AS "STEEL THRIE BEAM")
STA. 939+00'TSB' - STAGE 2, PHASE 1
STA. 1002+00'TSB' - STAGE 2, PHASE 1
STA. 1030+75'TSB' - STAGE 2, PHASE 1B
STA. 1002+00'XCA' - STAGE 2, PHASE 2
STA. 939+00'TSB' - STAGE 2, PHASE 3
STA. 1069+93'NB' - STAGE 4, PHASE 1



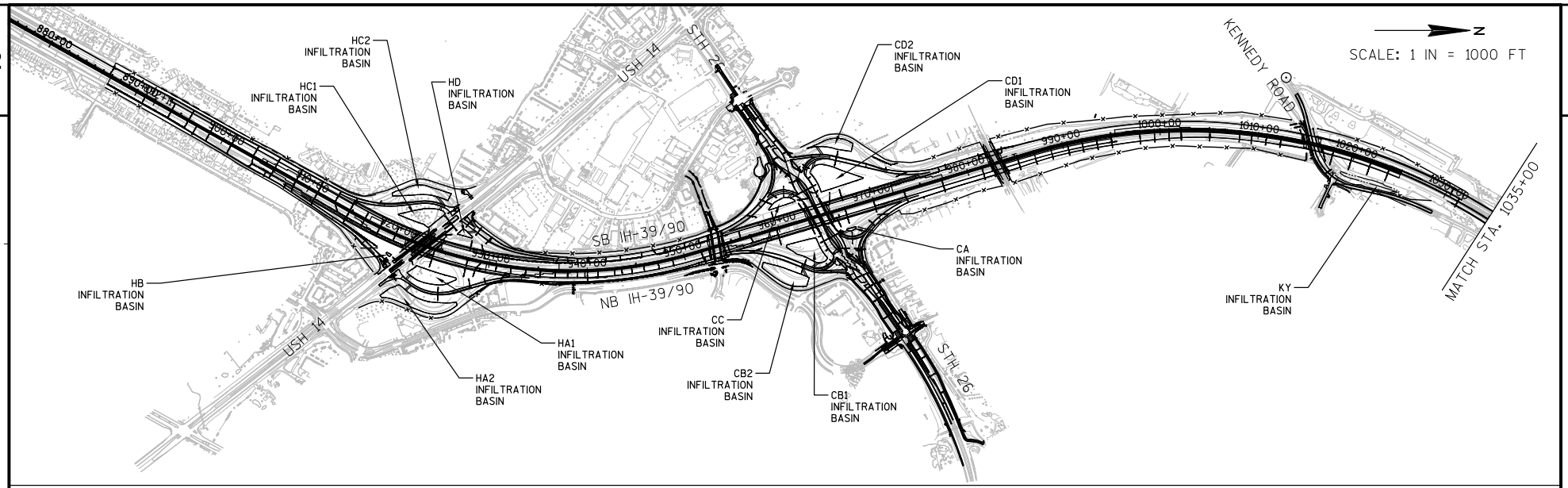
ASPHALTIC CURB
(SEE TEMPORARY PLAN DETAILS FOR LOCATIONS)

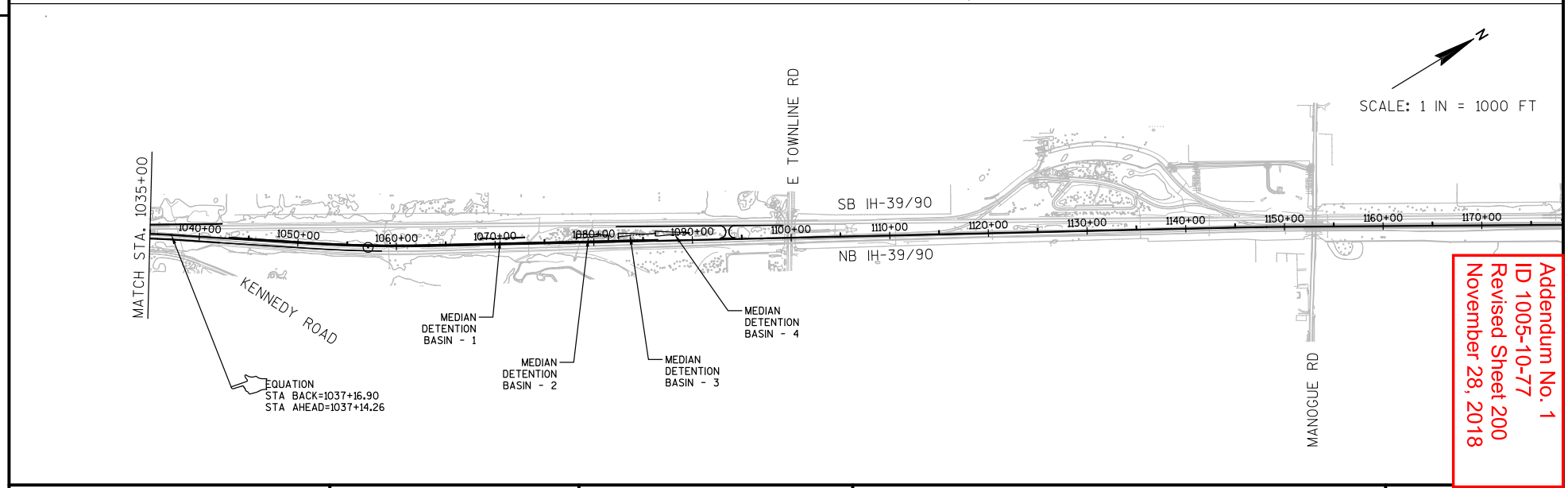


TYPICAL TEMPORARY TRAFFIC CONTROL SIGN DETAIL
MOUNTING ON FIXED SUPPORT

NOTE:
1) LONG TERM 7 DAYS OR MORE
2) SEE SDD "TEMPORARY TRAFFIC CONTROL SIGN MOUNTING" FOR DETAILS NOT SHOWN.

2

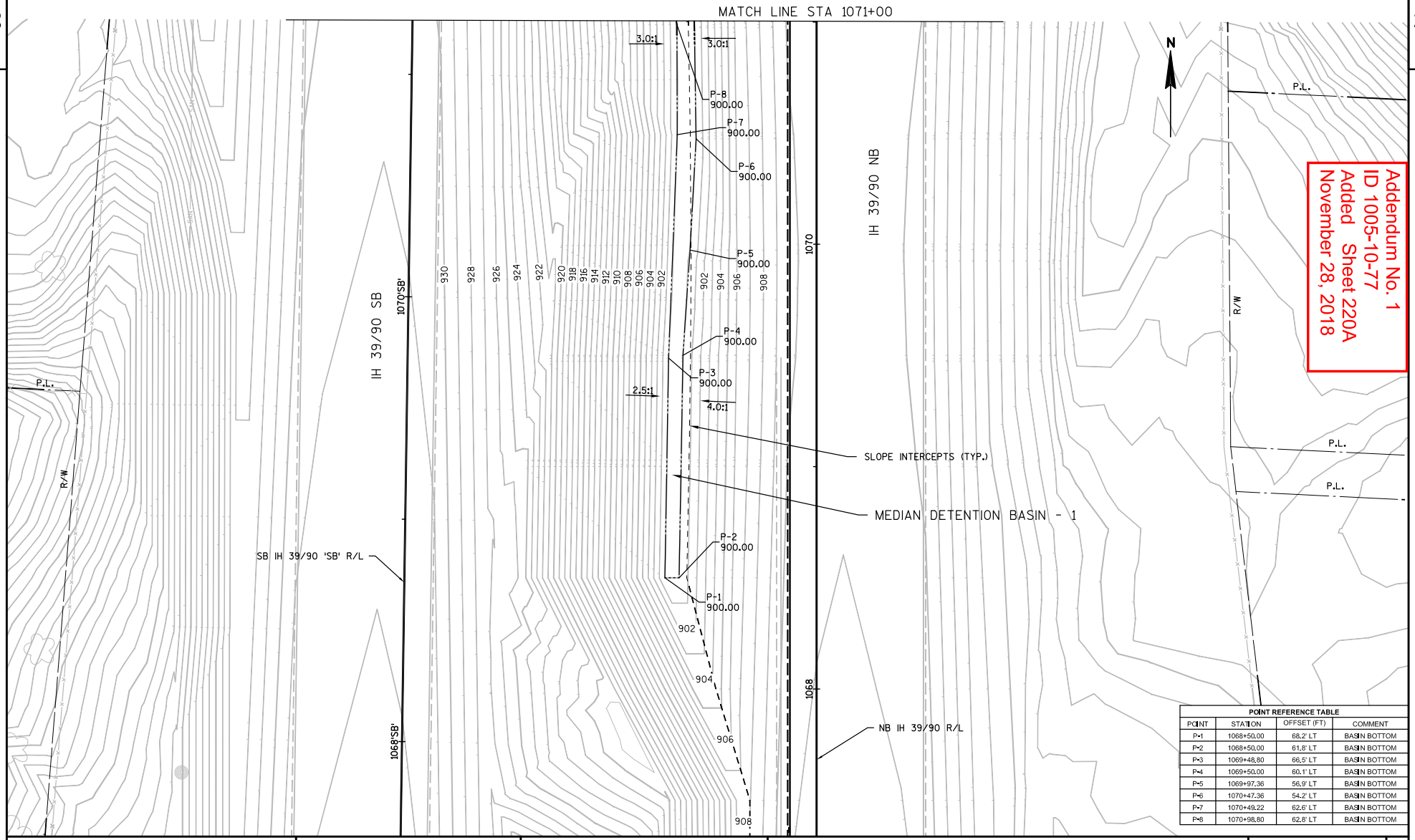




Addendum No. 1
ID 1005-10-77
Revised Sheet 200
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	INFILTRATION AND DETENTION BASIN LOCATION MAP	SHEET 200 ----- E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021002_CD_BASIN_OVERVIEW.DWG PLOT DATE : 11/12/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:1000 FT_1_XREF WISDOT/CADDS SHEET 42



POINT REFERENCE TABLE

POINT	STATION	OFFSET (FT)	COMMENT
P-1	1068+50.00	68.2' LT	BASIN BOTTOM
P-2	1068+50.00	61.8' LT	BASIN BOTTOM
P-3	1069+48.80	66.5' LT	BASIN BOTTOM
P-4	1069+50.00	60.1' LT	BASIN BOTTOM
P-5	1069+97.36	56.9' LT	BASIN BOTTOM
P-6	1070+47.36	54.2' LT	BASIN BOTTOM
P-7	1070+49.22	62.6' LT	BASIN BOTTOM
P-8	1070+98.80	62.8' LT	BASIN BOTTOM

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	MEDIAN DETENTION BASIN - 1	SHEET 220A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021002_CD_BASINS-ADDENDUM.DWG PLOT DATE : 11/12/2018 1:52 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 42

POINT REFERENCE TABLE			
POINT	STATION	OFFSET (FT)	COMMENT
P-1	1071+24.65	67.4' LT	BASIN BOTTOM
P-2	1072+00.00	57.5' LT	BASIN BOTTOM
P-3	1072+74.67	67.4' LT	BASIN BOTTOM
P-4	1073+00.00	61.8' LT	BASIN BOTTOM
P-5	1073+00.00	69.5' LT	BASIN BOTTOM
P-6	1071+23.68	55.4' LT	BASIN BOTTOM

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	MEDIAN DETENTION BASIN - 1	SHEET 220B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021002_CD_BASINS-ADDENDUM.DWG PLOT DATE : 11/12/2018 1:52 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 42

POINT REFERENCE TABLE

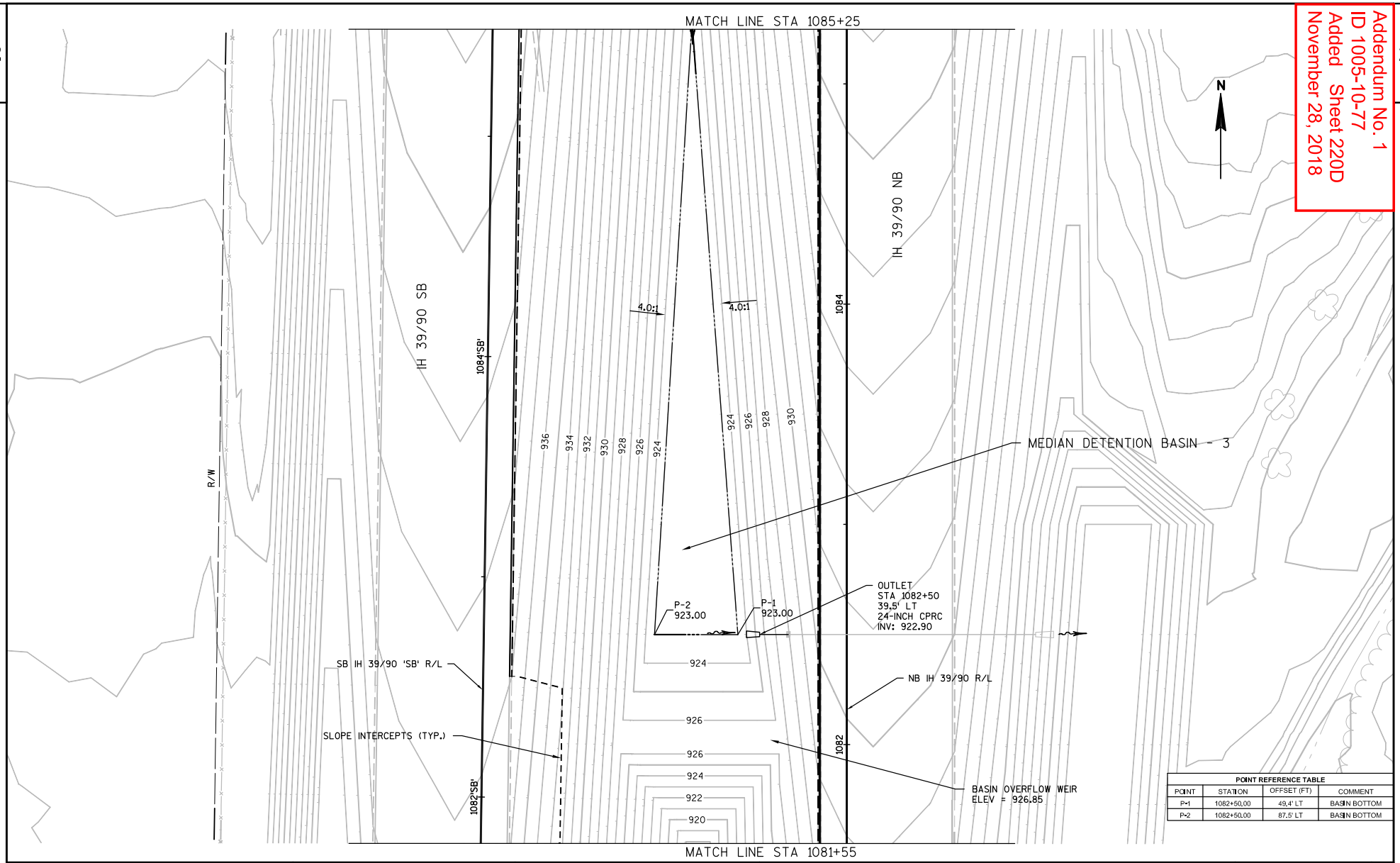
POINT	STATION	OFFSET (FT)	COMMENT
P-1	1078+25.00	45.6' LT	BASIN BOTTOM
P-2	1078+25.00	88.4' LT	BASIN BOTTOM
P-3	1078+50.00	48.4' LT	BASIN BOTTOM
P-4	1079+00.00	48.0' LT	BASIN BOTTOM
P-5	1079+87.17	54.5' LT	BASIN BOTTOM
P-6	1079+80.91	78.9' LT	BASIN BOTTOM

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	MEDIAN DETENTION BASIN - 2	SHEET 220C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021002_CD_BASINS-ADDENDUM.DWG
LAYOUT NAME - ****
PLOT DATE : 11/12/2018 1:52 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT

Addendum No. 1
ID 1005-10-77
Added Sheet 220D
November 28, 2018

2



POINT REFERENCE TABLE

POINT	STATION	OFFSET (FT)	COMMENT
P-1	1082+50.00	49.4' LT	BASIN BOTTOM
P-2	1082+50.00	87.5' LT	BASIN BOTTOM

2

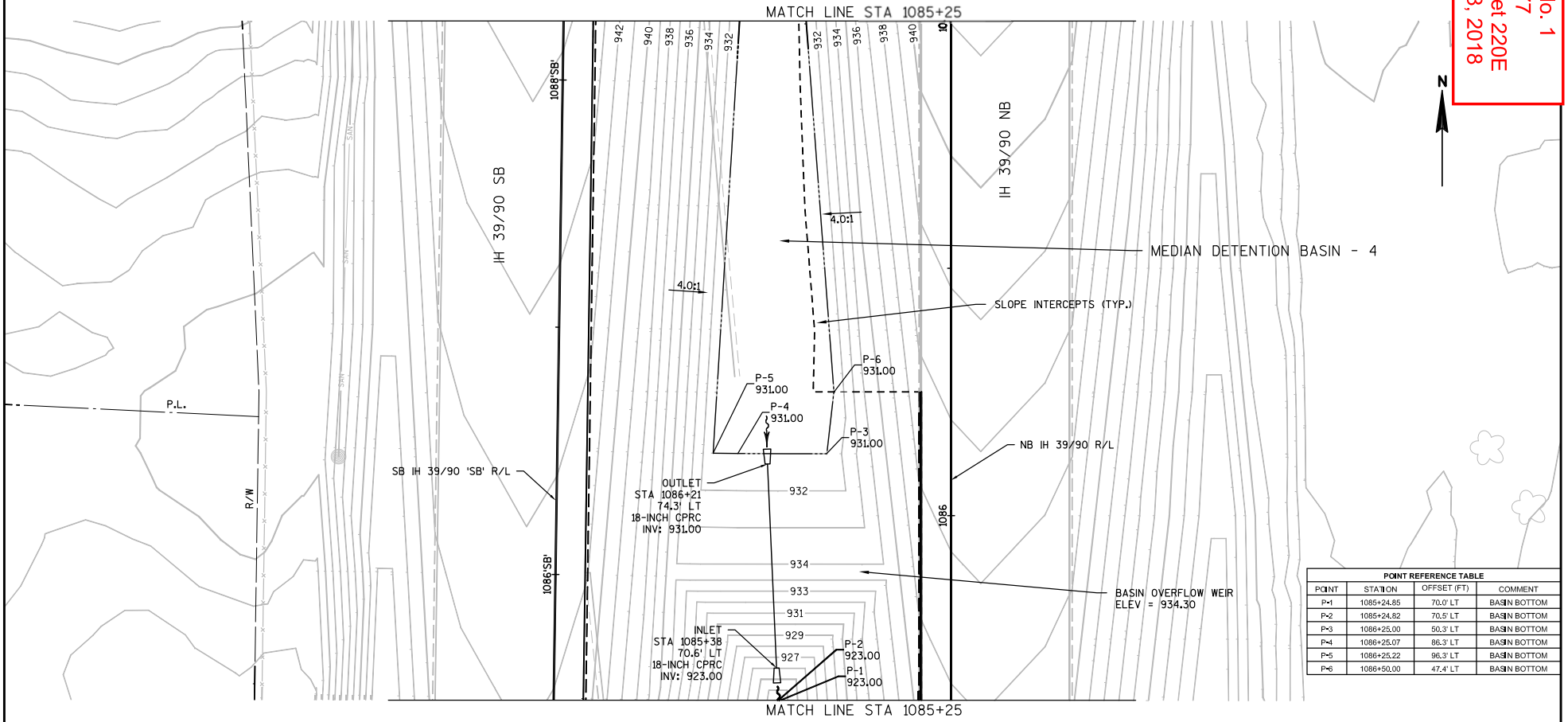
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	MEDIAN DETENTION BASIN - 3	SHEET 220D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021002_CD_BASINS-ADDENDUM.DWG PLOT DATE : 11/12/2018 1:52 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 42

Addendum No. 1
ID 1005-10-77
Added Sheet 220E
November 28, 2018

2



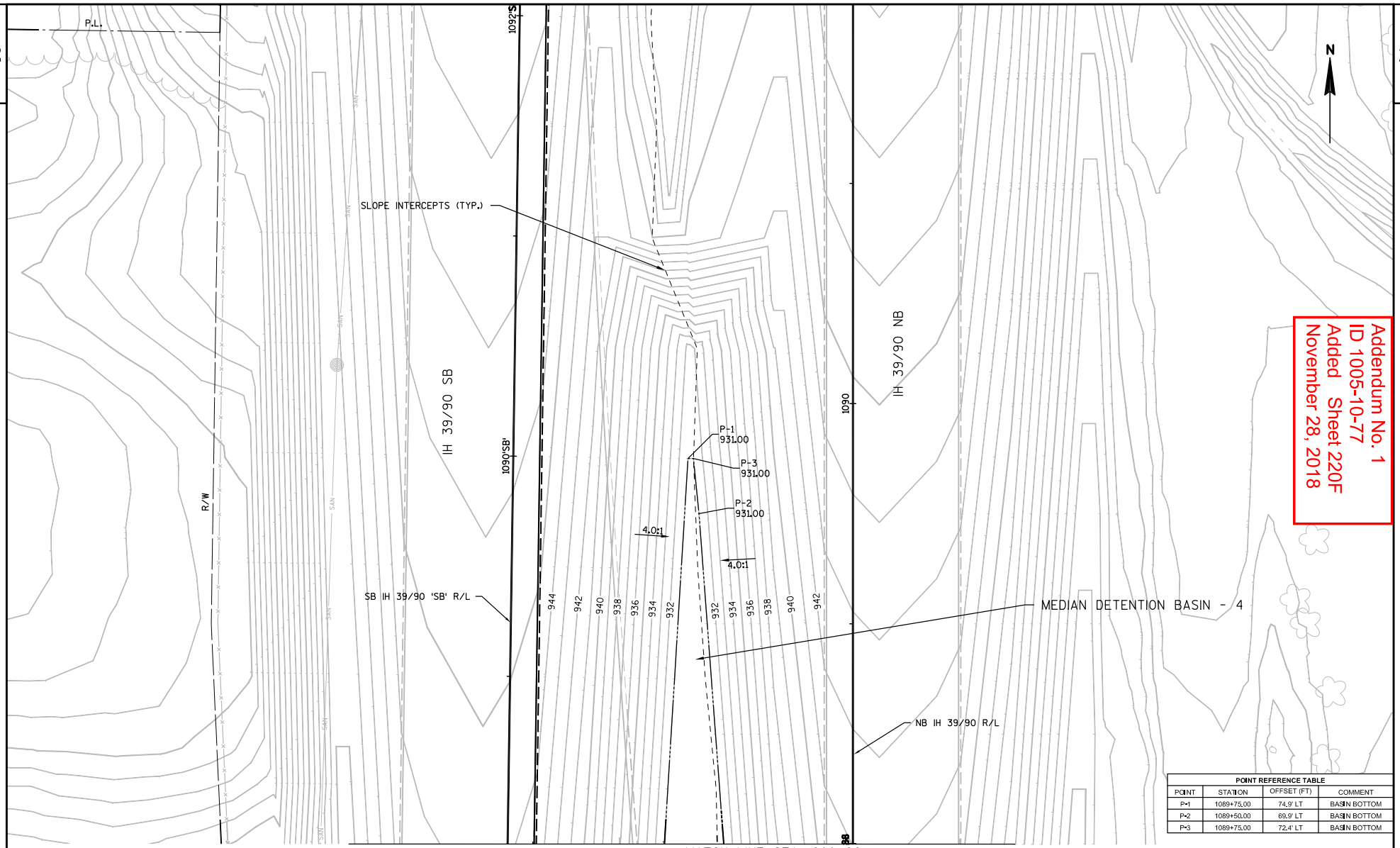
POINT REFERENCE TABLE

POINT	STATION	OFFSET (FT)	COMMENT
P-1	1085+24.85	70.0' LT	BASIN BOTTOM
P-2	1085+24.82	70.5' LT	BASIN BOTTOM
P-3	1086+25.00	50.3' LT	BASIN BOTTOM
P-4	1086+25.07	86.3' LT	BASIN BOTTOM
P-5	1086+25.22	96.3' LT	BASIN BOTTOM
P-6	1086+50.00	47.4' LT	BASIN BOTTOM

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	MEDIAN DETENTION BASIN - 4	SHEET 220E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021002_CD_BASINS-ADDENDUM.DWG PLOT DATE : 11/12/2018 1:53 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 42



Addendum No. 1
ID 1005-10-77
Added Sheet 220F
November 28, 2018

POINT REFERENCE TABLE			
POINT	STATION	OFFSET (FT)	COMMENT
P-1	1089+75.00	74.9' LT	BASIN BOTTOM
P-2	1089+50.00	69.9' LT	BASIN BOTTOM
P-3	1089+75.00	72.4' LT	BASIN BOTTOM

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	MEDIAN DETENTION BASIN - 4	SHEET 220F	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021002_CD_BASINS-ADDENDUM.DWG PLOT DATE : 11/12/2018 1:53 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 227
November 28, 2018

924'HC'
926'HD'
928'HD'
930'HD'
932'HD'
934'HD'
936'HD'
USH 14 SB OFF RAMP
USH 14
246'HEA'
246'HWA'
248'HEA'
248'HWA'
250'HEA'
250'HWA'
252'HEA'
252'HWA'
MATCH LINE STA. 922+00
MATCH LINE STA. 937+00
IH 39/90 SB
IH 39/90 NB
924'SB'
926'SB'
928'SB'
930'SB'
932'SB'
934'SB'
936'SB'
924
926
928
930
932
934
936
922'HA'
924'HA'
926'HA'
928'HA'
930'HA'
932'HA'
934'HA'
936'HA'
USH 14 NB ON RAMP
REMOVING BILLBOARD

REMOVAL LEGEND

- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING SURFACE DRAINS
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING MANHOLES
- REMOVING ONE-SIDED VERTICAL PANELS
- REMOVING CONCRETE SIDEWALK
- SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING STORM SEWER

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 2, PHASE 1	SHEET 227	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 2.1.DWG
LAYOUT NAME - 22003
PLOT DATE : 11/9/2018 7:58 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

REMOVING BILLBOARD

IH 39/90 SB

IH 39/90 NB

998'SB' 1000'SB' 1002'SB' 1004'SB' 1006'SB' 1008'SB' 1010'SB' 1012'SB'

998 1000 1002 1004 1006 1008 1010

MATCH LINE STA. 997+00

MATCH LINE STA. 1012+00

SIGN

REMOVAL LEGEND

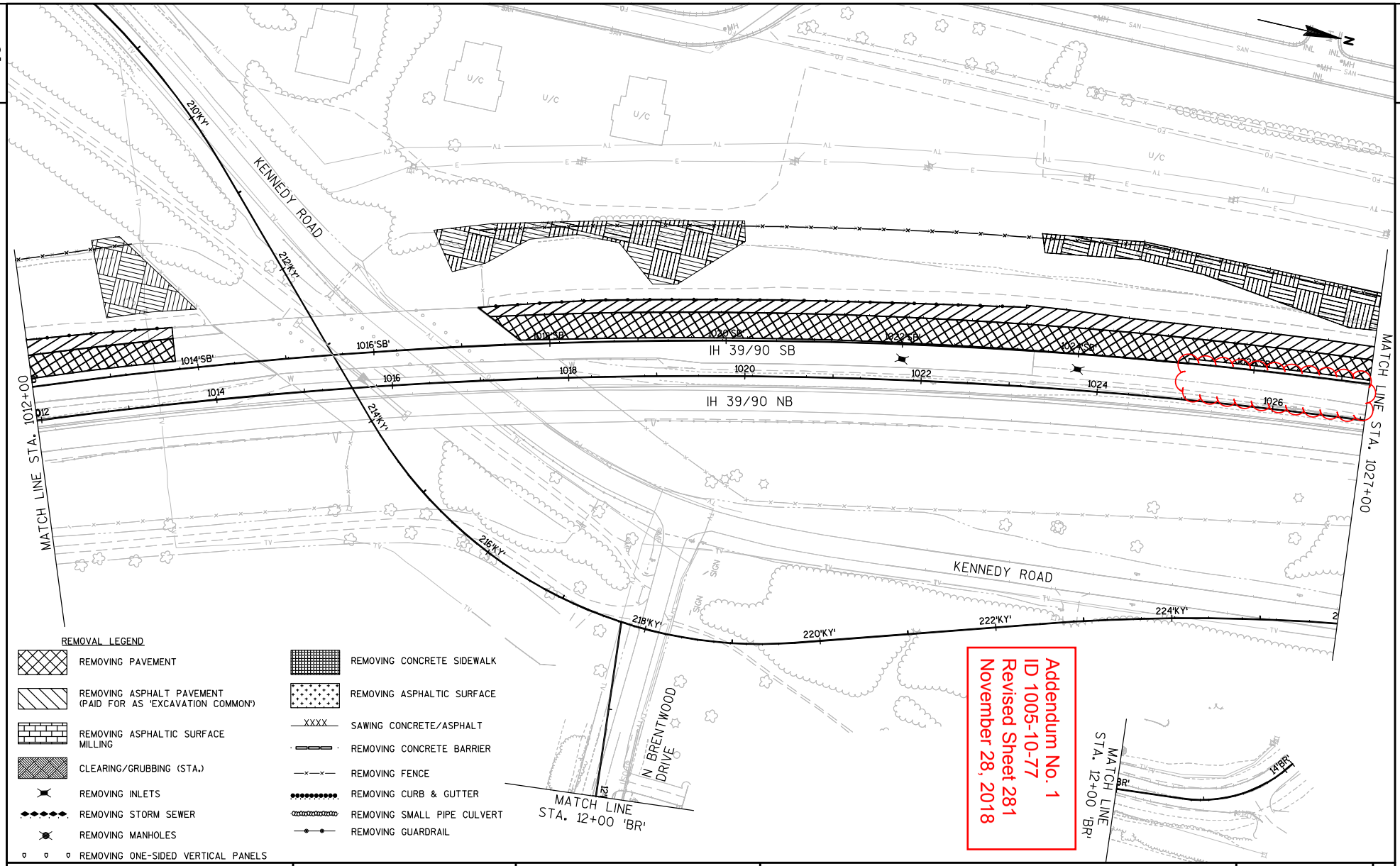
- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING ONE-SIDED VERTICAL PANELS

Addendum No. 1
ID 1005-10-77
Revised Sheet 280
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 4, PHASE 4	SHEET 280	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 4.4.DWG
LAYOUT NAME - 22008
PLOT DATE : 11/8/2018 4:22 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



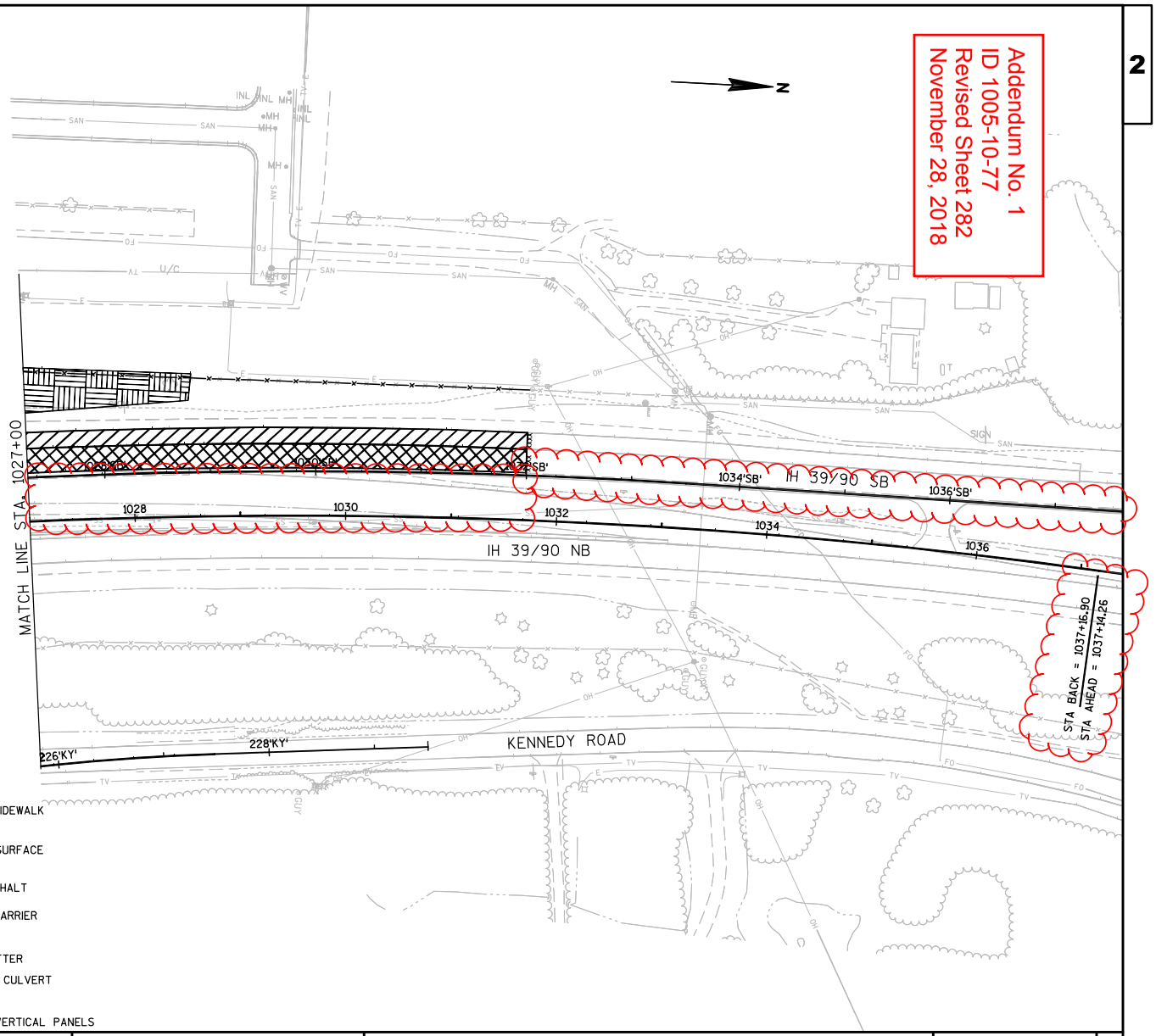
Addendum No. 1
ID 1005-10-77
Revised Sheet 281
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 4, PHASE 4	SHEET 281	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 4.4.DWG
LAYOUT NAME - 22009
PLOT DATE : 11/6/2018 10:07 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 282
November 28, 2018



REMOVAL LEGEND

- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING ONE-SIDED VERTICAL PANELS

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 4, PHASE 4	SHEET 282	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 4.4.DWG
LAYOUT NAME - 22010
PLOT DATE : 11/6/2018 10:08 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 284
November 28, 2018

IH 39/90 SB

IH 39/90 NB

998'SB' 1000'SB' 1002'SB' 1004'SB' 1006'SB' 1008'SB' 1010'SB' 1012'SB'

998 1000 1002 1004 1006 1008 1010 1012

MATCH LINE STA. 997+00

SIGN

REMOVAL LEGEND

- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING ONE-SIDED VERTICAL PANELS

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 5	SHEET 284	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 5.DWG
LAYOUT NAME - 22008
PLOT DATE : 11/7/2018 2:57 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

Addendum No. 1
ID 1005-10-77
Added Sheet 284A
November 28, 2018

N

EXISTING PAVEMENT CONSTRUCTED
BY OTHERS UNDER PROJECT 1005-10-78

1044'SB' 1046'SB' 1048'SB' 1050'SB' 1052'SB' 1054'SB' 1056'SB' 1058'SB'

IH 39/90 SB

1044 1046 1048 1050 1052 1054 1056

IH 39/90 NB

MATCH LINE STA. 1058+00

EXISTING PAVEMENT CONSTRUCTED
BY OTHERS UNDER PROJECT 1005-10-78

REMOVAL LEGEND

- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING ONE-SIDED VERTICAL PANELS

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 5	SHEET 284A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 5.DWG
LAYOUT NAME - 22010
PLOT DATE : 11/9/2018 9:12 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Added Sheet 284B
November 28, 2018

N

EXISTING PAVEMENT CONSTRUCTED
BY OTHERS UNDER PROJECT 1005-10-78

1060'SB' 1062'SB' 1064'SB' 1066'SB' 1068'SB' 1070'SB' 1072'SB'

IH 39/90 SB

MATCH LINE STA. 1058+00

1060 1062 1064 1066 1068 1070 1072

IH 39/90 NB

MATCH LINE STA. 1073+00

EXISTING PAVEMENT CONSTRUCTED
BY OTHERS UNDER PROJECT 1005-10-78

REMOVAL LEGEND

- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING ONE-SIDED VERTICAL PANELS

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 5	SHEET 284B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 5.DWG
LAYOUT NAME - 22010
PLOT DATE : 11/28/2018 8:16 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Added Sheet 284C
November 28, 2018

N

EXISTING PAVEMENT CONSTRUCTED
BY OTHERS UNDER PROJECT 1005-10-78

1074'SB' 1076'SB' 1078'SB' 1080'SB' 1082'SB' 1084'SB' 1086'SB' 1088'SB'

IH 39/90 SB

APRON ENDWALLS
FOR CULVERT PIPE
SALVAGED 24-INCH

REMOVE 30' OF CULVERT PIPE
PAID FOR AS REMOVING SMALL PIPE CULVERTS

MATCH LINE STA. 1073+00

1074 1076 1078 1080 1082 1084 1086

IH 39/90 NB

MATCH LINE STA. 1088+00

EXISTING PAVEMENT CONSTRUCTED
BY OTHERS UNDER PROJECT 1005-10-78

REMOVAL LEGEND

- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING ONE-SIDED VERTICAL PANELS

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 5	SHEET 284C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 5.DWG
LAYOUT NAME - 22010
PLOT DATE : 11/9/2018 9:13 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Added Sheet 284D
November 28, 2018

N

EXISTING PAVEMENT CONSTRUCTED BY OTHERS UNDER PROJECT 1005-10-78

1090'SB' 1092'SB' 1094'SB' 1096'SB' 1098'SB' 1100'SB' 1102'SB'

IH 39/90 SB

MATCH LINE STA. 1088+00

88 1090 1092 1094 1096 1098 1100 1102

IH 39/90 NB

E TOWNLINE ROAD

EXISTING PAVEMENT CONSTRUCTED BY OTHERS UNDER PROJECT 1005-10-78

REMOVAL LEGEND

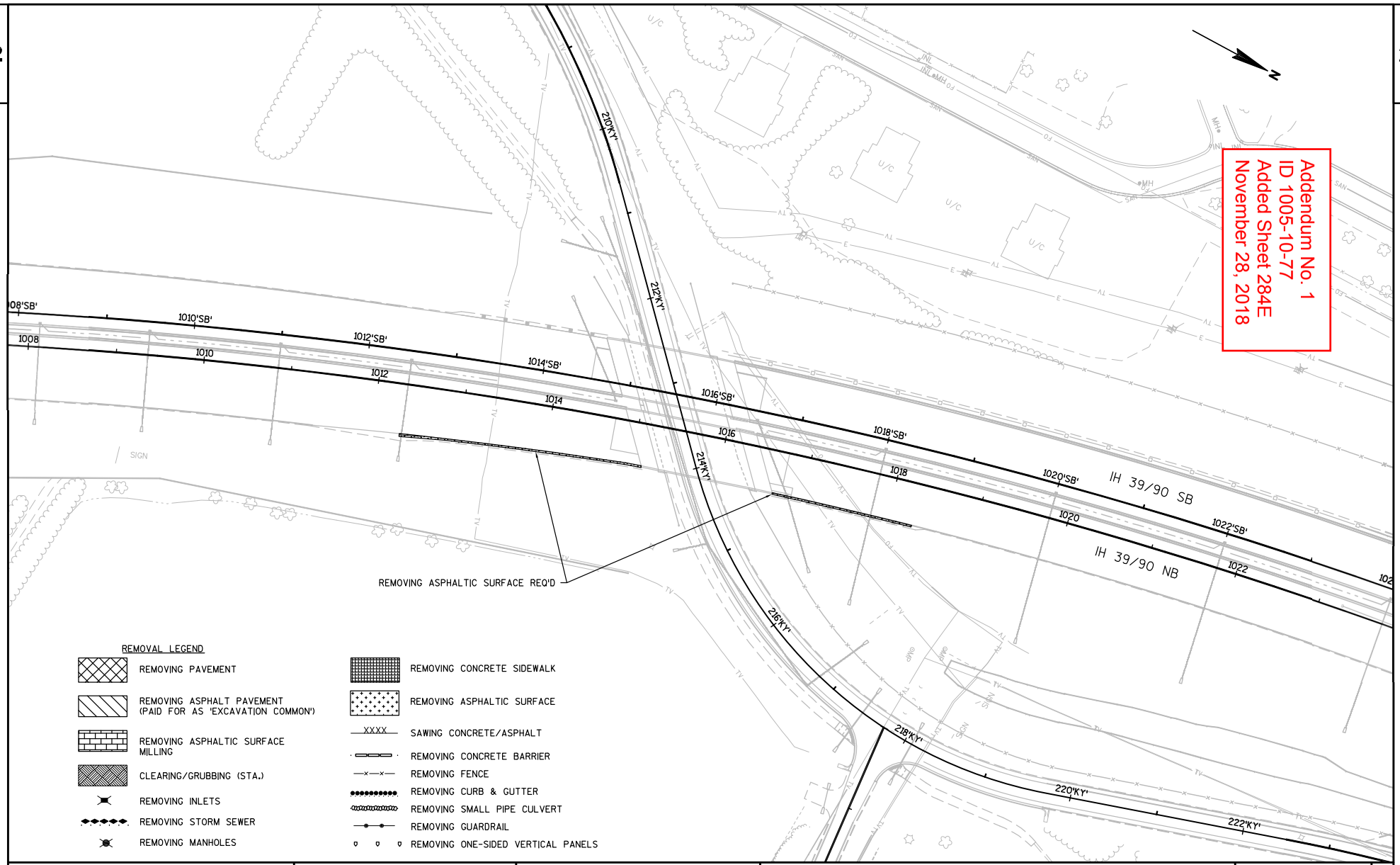
- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING ONE-SIDED VERTICAL PANELS

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 5	SHEET 284D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 5.DWG
LAYOUT NAME - 22010
PLOT DATE : 11/9/2018 9:14 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



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PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 6	SHEET 284E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 6.DWG
LAYOUT NAME - 22008
PLOT DATE : 11/7/2018 4:23 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Added Sheet 284F
November 28, 2018

EXISTING PAVEMENT CONSTRUCTED BY OTHERS UNDER PROJECT 1005-10-78

1030'SB'
1032'SB'
1034'SB'
1036'SB'
1038'SB'
1040'SB'
1042'SB'
1030
1032
1034
1036
1038
1040
1042
228'KY'

IH 39/90 SB

IH 39/90 NB

KENNEDY ROAD

REMOVING ASPHALTIC SURFACE REQ'D
STA. 1030+45 - STA. 1042+00

STA BACK = 1037+56.90
STA AHEAD = 1037+44.26

MATCH LINE STA. 1043+00

EXISTING PAVEMENT CONSTRUCTED BY OTHERS UNDER PROJECT 1005-10-78

REMOVAL LEGEND

- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING ONE-SIDED VERTICAL PANELS
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- XXXX SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 6	SHEET 284F	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 6.DWG
LAYOUT NAME - 22009
PLOT DATE : 11/9/2018 9:47 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Added Sheet 284G
November 28, 2018

N

EXISTING PAVEMENT CONSTRUCTED
BY OTHERS UNDER PROJECT 1005-10-78

MATCH LINE STA. 1043+00

1044'SB' 1046'SB' 1048'SB' 1050'SB' 1052'SB' 1054'SB' 1056'SB' 1058'SB'

IH 39/90 SB

1044 1046 1048 1050 1052 1054 1056 1058

IH 39/90 NB

EXISTING PAVEMENT CONSTRUCTED
BY OTHERS UNDER PROJECT 1005-10-78

REMOVAL LEGEND

- REMOVING PAVEMENT
- REMOVING ASPHALT PAVEMENT (PAID FOR AS 'EXCAVATION COMMON')
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING/GRUBBING (STA.)
- REMOVING INLETS
- REMOVING STORM SEWER
- REMOVING MANHOLES
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- SAWING CONCRETE/ASPHALT
- REMOVING CONCRETE BARRIER
- REMOVING FENCE
- REMOVING CURB & GUTTER
- REMOVING SMALL PIPE CULVERT
- REMOVING GUARDRAIL
- REMOVING ONE-SIDED VERTICAL PANELS

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	REMOVAL PLAN: STAGE 6	SHEET 284G	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\050201_PN-RM_STAGE 6.DWG
LAYOUT NAME - 22010
PLOT DATE : 11/9/2018 9:47 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

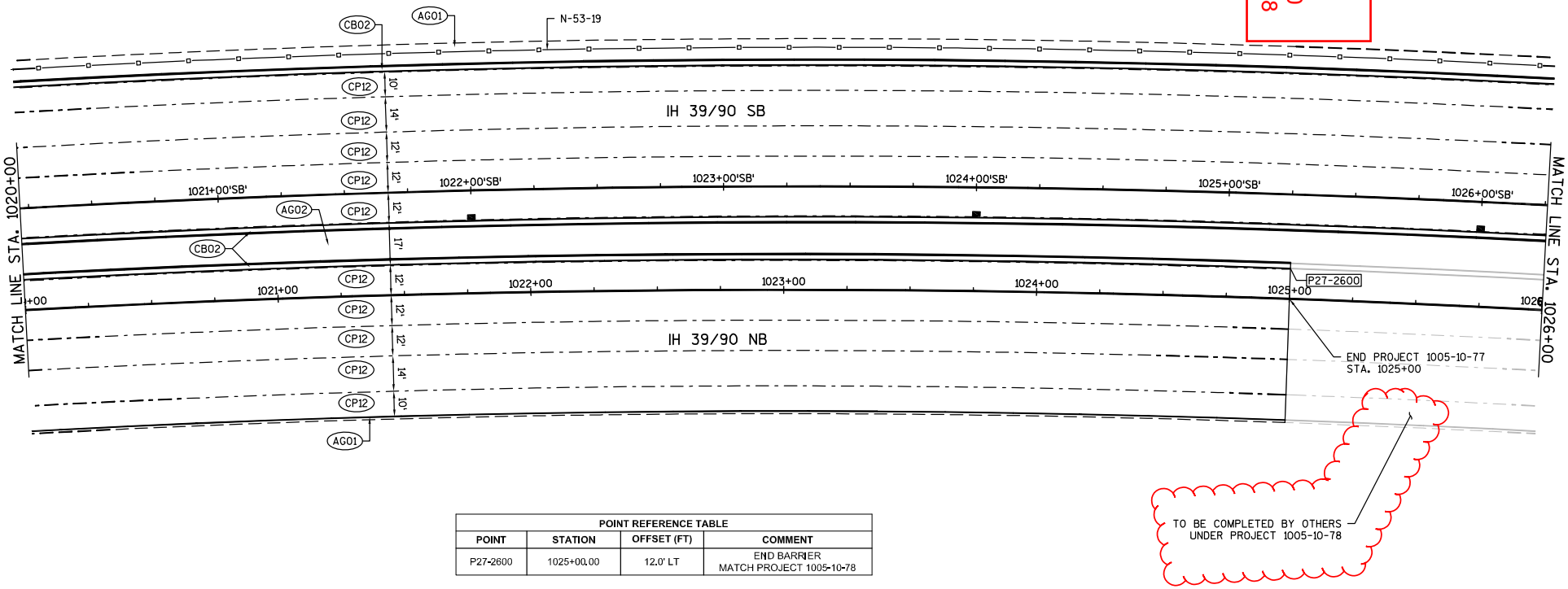
LEGEND

- AG01 BASE AGGREGATE DENSE 3/4-INCH
- AG02 BASE AGGREGATE DENSE 1 1/4-INCH
- CB02 CONCRETE BARRIER TYPE S42
- CP12 CONCRETE PAVEMENT 12-INCH, DOWELED AND TINED

NOTES:

- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION

Addendum No. 1
ID 1005-10-77
Revised Sheet 370
November 28, 2018



POINT REFERENCE TABLE			
POINT	STATION	OFFSET (FT)	COMMENT
P27-2600	1025+00.00	12.0' LT	END BARRIER MATCH PROJECT 1005-10-78

2

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 370	E

2

LEGEND

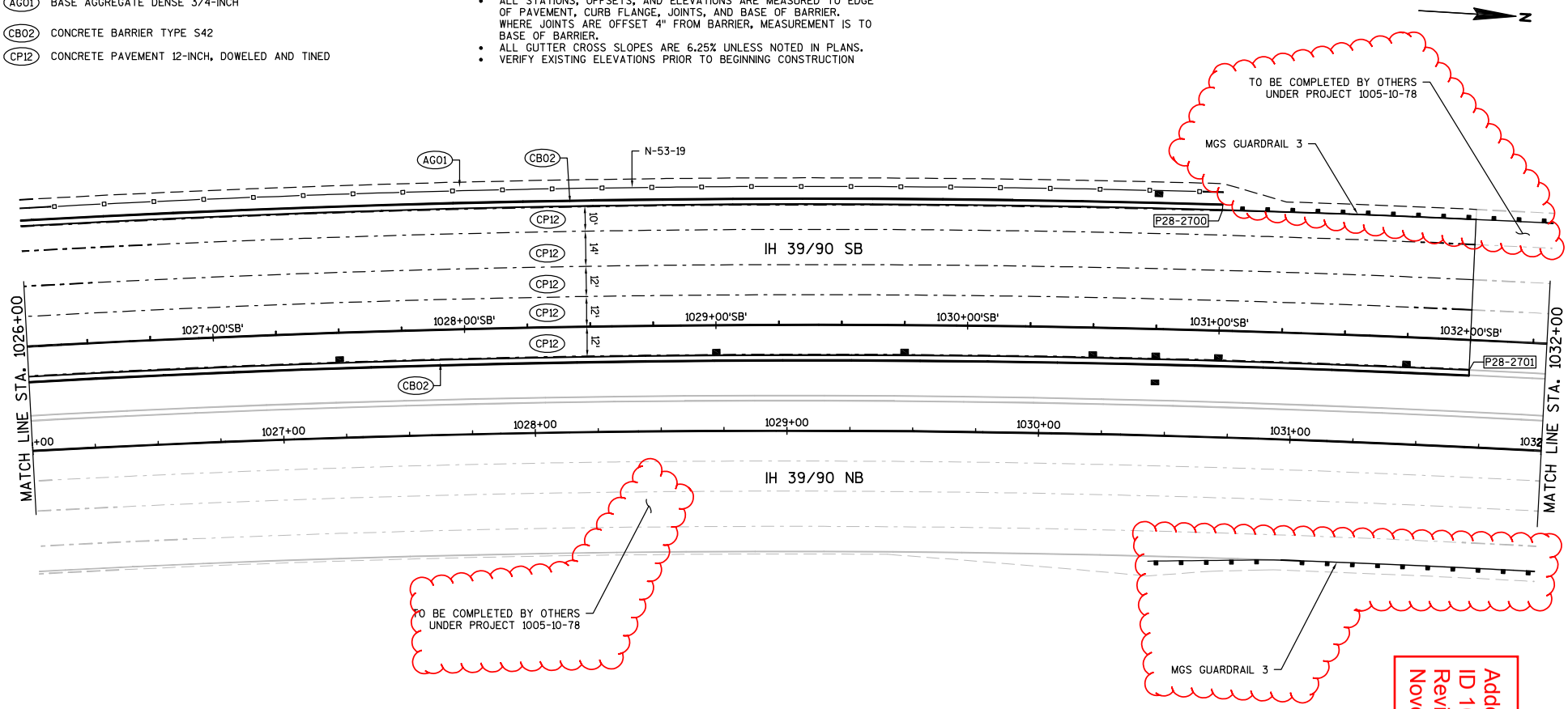
AG01 BASE AGGREGATE DENSE 3/4-INCH

CB02 CONCRETE BARRIER TYPE S42

CP12 CONCRETE PAVEMENT 12-INCH, DOWELED AND TINED

NOTES:

- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION



Addendum No. 1
ID 1005-10-77
Revised Sheet 371
November 28, 2018

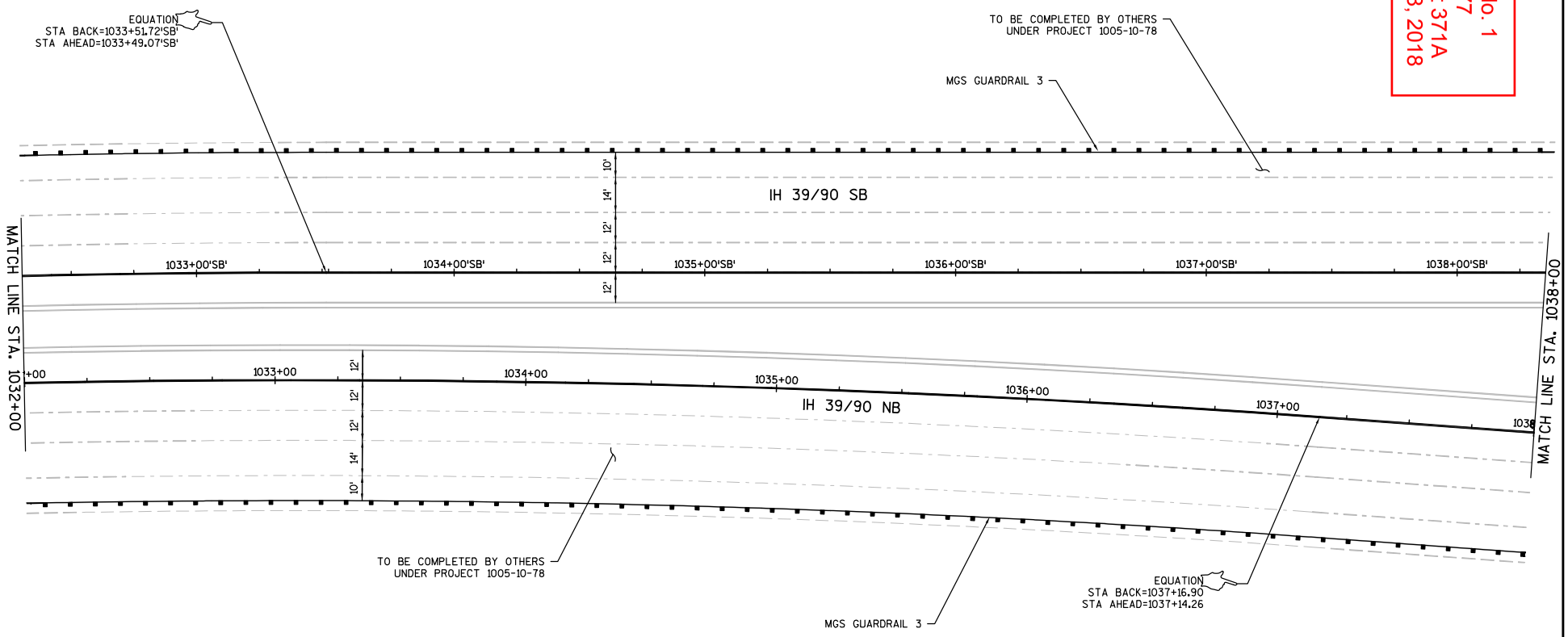
POINT REFERENCE TABLE

POINT	STATION	OFFSET (FT)	COMMENT
P28-2700	1031+00.00'SB'	48.0' LT	END BARRIER
P28-2701	1032+00.00'SB'	12.0' RT	END BARRIER MATCH PROJECT 1005-10-78

2

NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION

Addendum No. 1
ID 1005-10-77
Added Sheet 371A
November 28, 2018



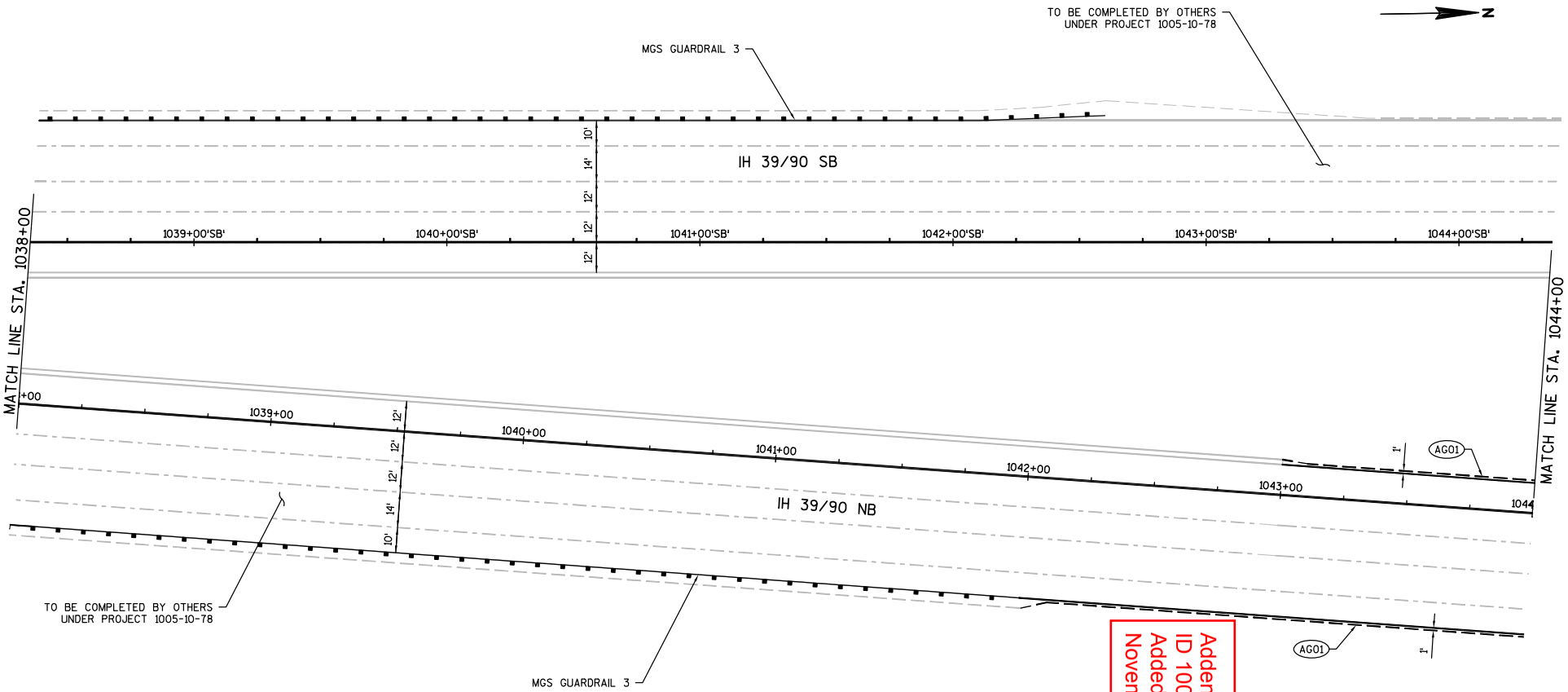
PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371A	E

2

LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION



Addendum No. 1
ID 1005-10-77
Added Sheet 371B
November 28, 2018

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371B	E

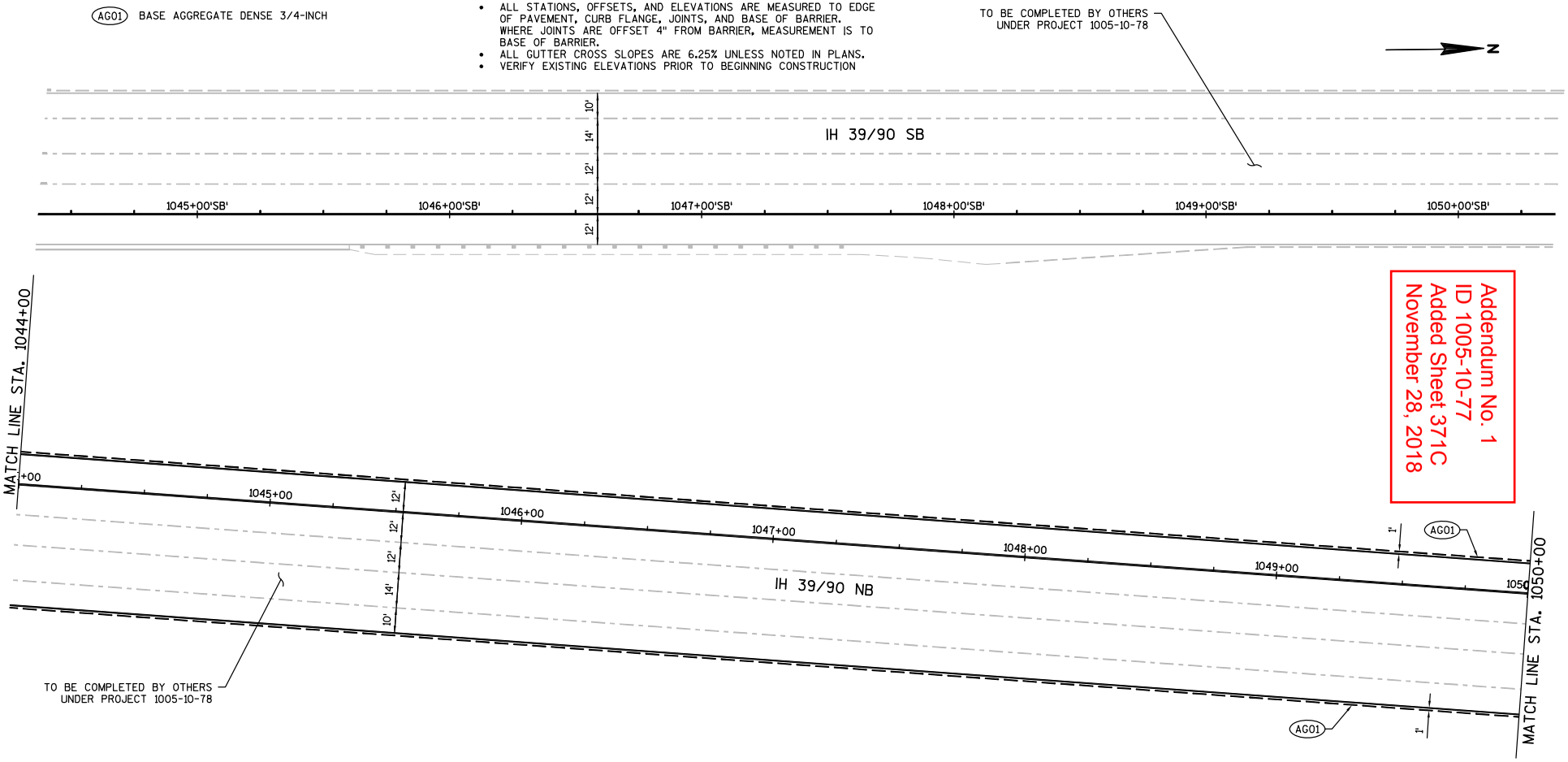
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021203_PD.DWG PLOT DATE : 11/12/2018 3:01 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - 121229

WISDOT/CADDS SHEET 42

LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION



Addendum No. 1
ID 1005-10-77
Added Sheet 371C
November 28, 2018

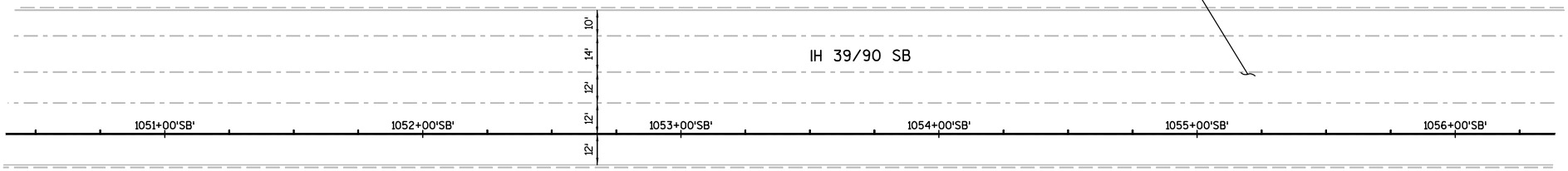
PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371C	E

2

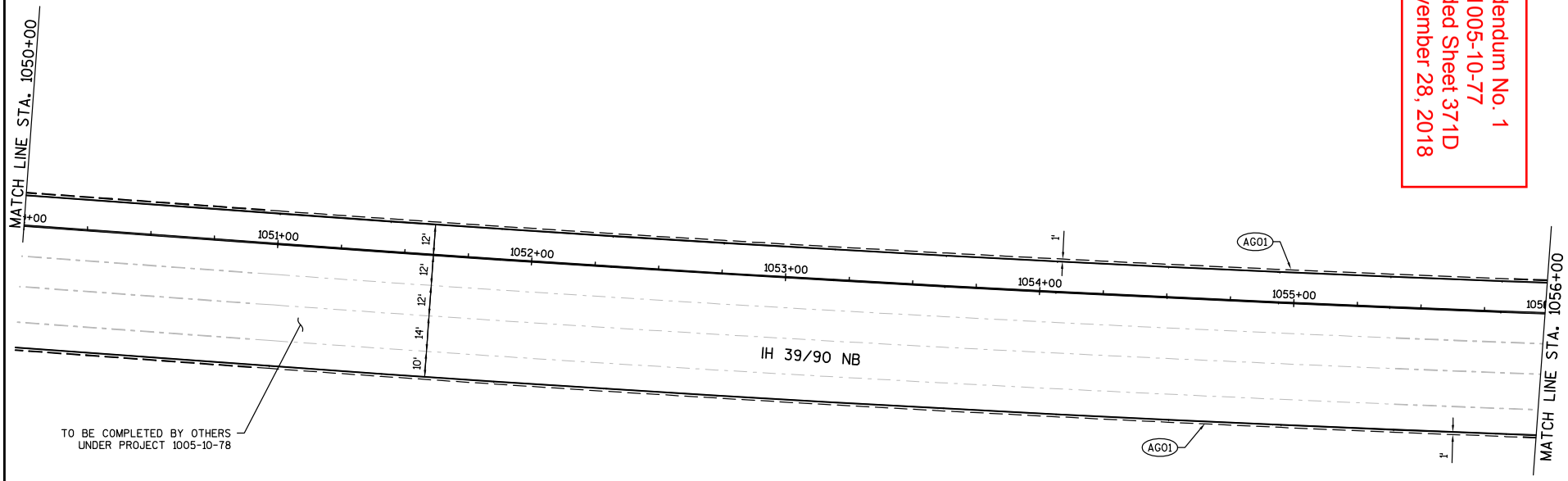
LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION



Addendum No. 1
ID 1005-10-77
Added Sheet 371D
November 28, 2018



2

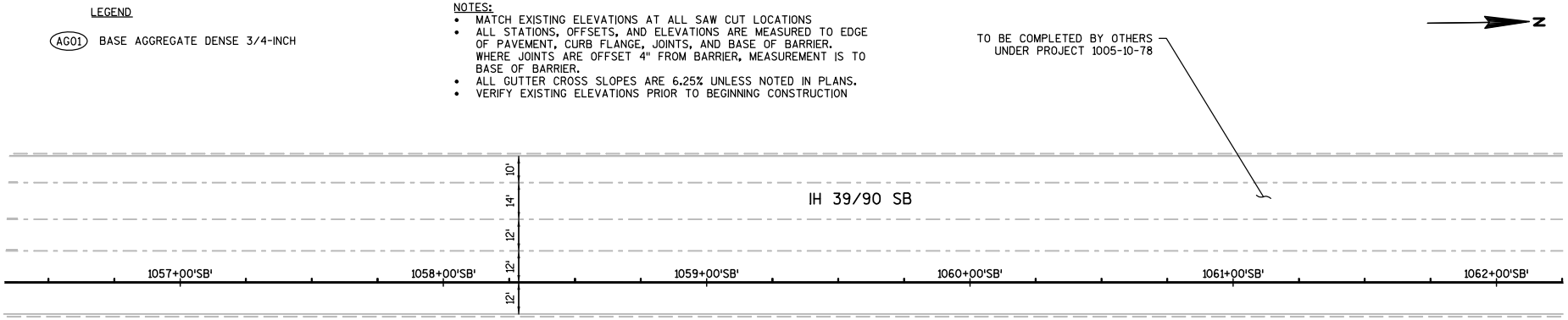
PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\021203_PD.DWG PLOT DATE : 11/12/2018 3:01 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - 121203

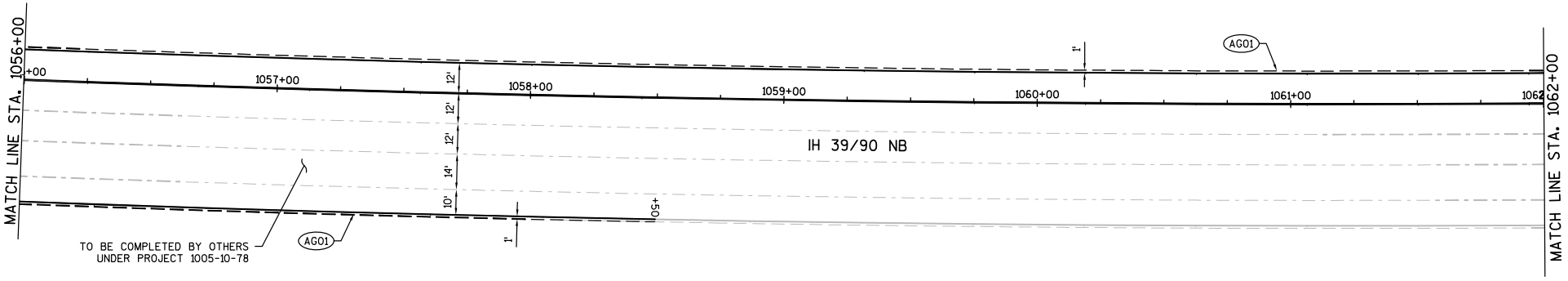
LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION



Addendum No. 1
ID 1005-10-77
Added Sheet 371E
November 28, 2018

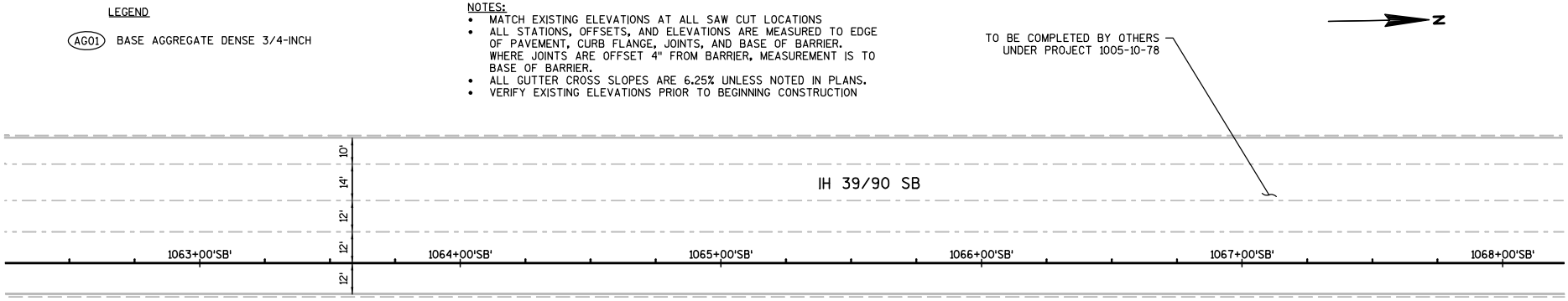


PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371E	E

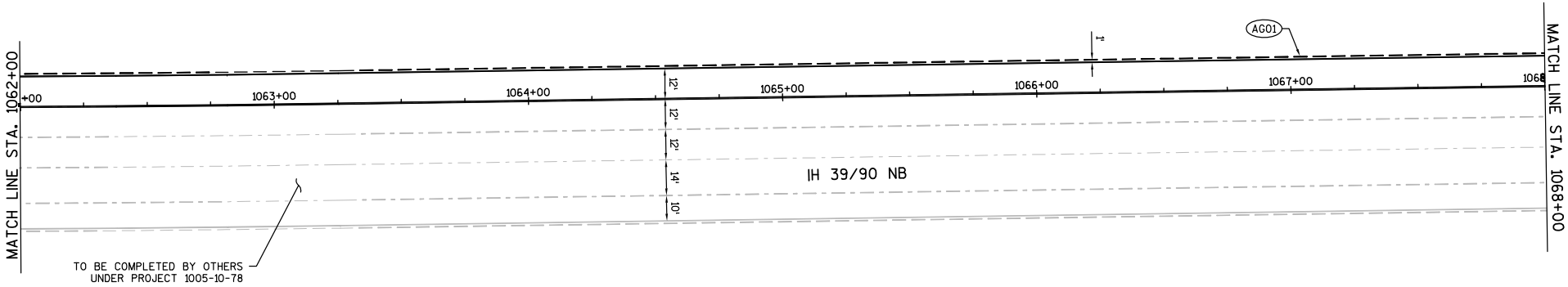
LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION



Addendum No. 1
ID 1005-10-77
Added Sheet 371F
November 28, 2018

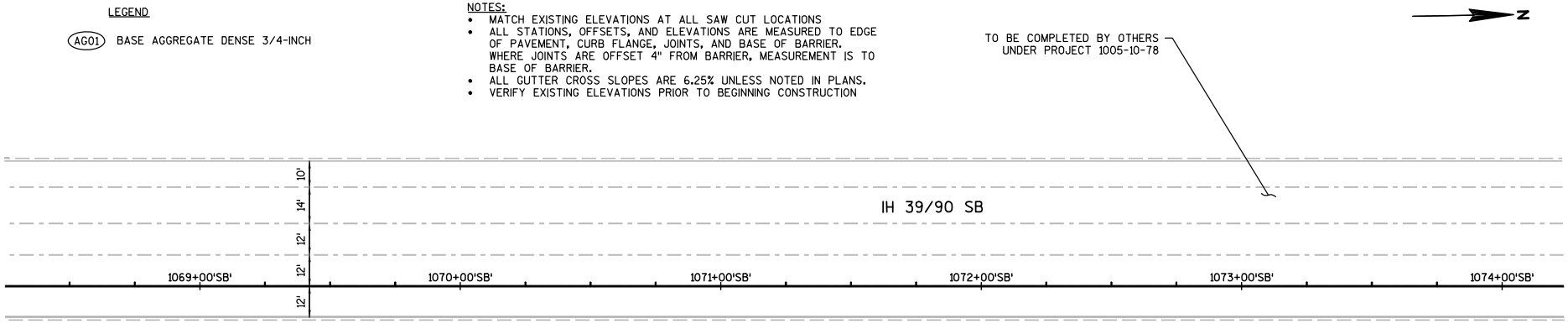


PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371F	E

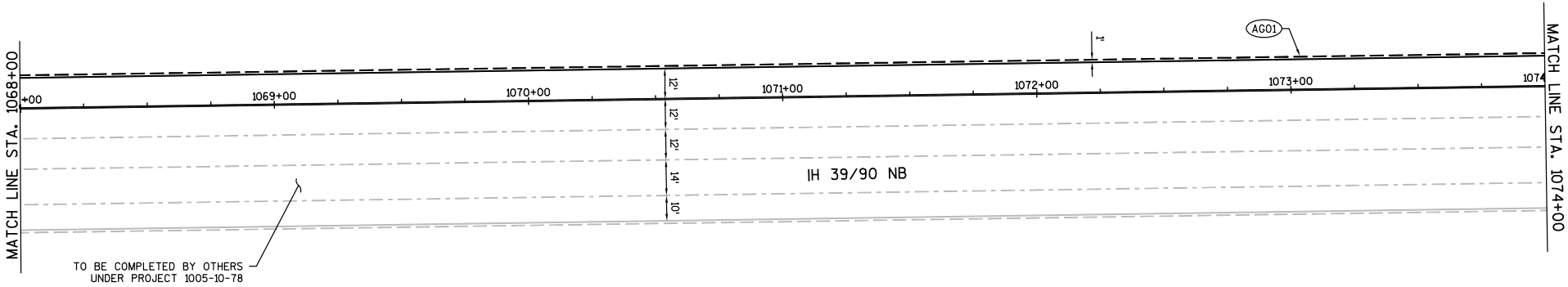
LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION



Addendum No. 1
ID 1005-10-77
Added Sheet 371G
November 28, 2018



PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371G	E

2

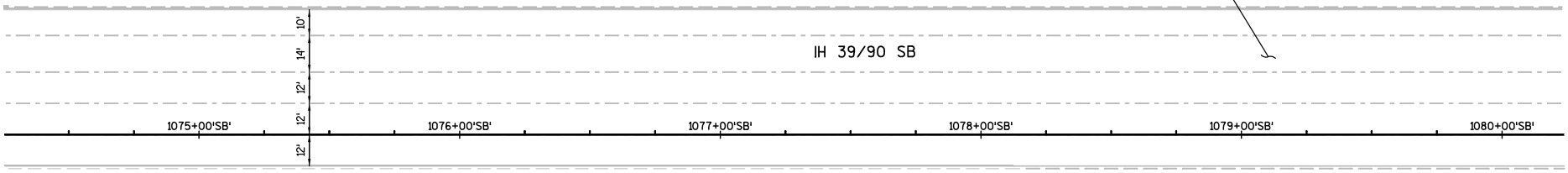
LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

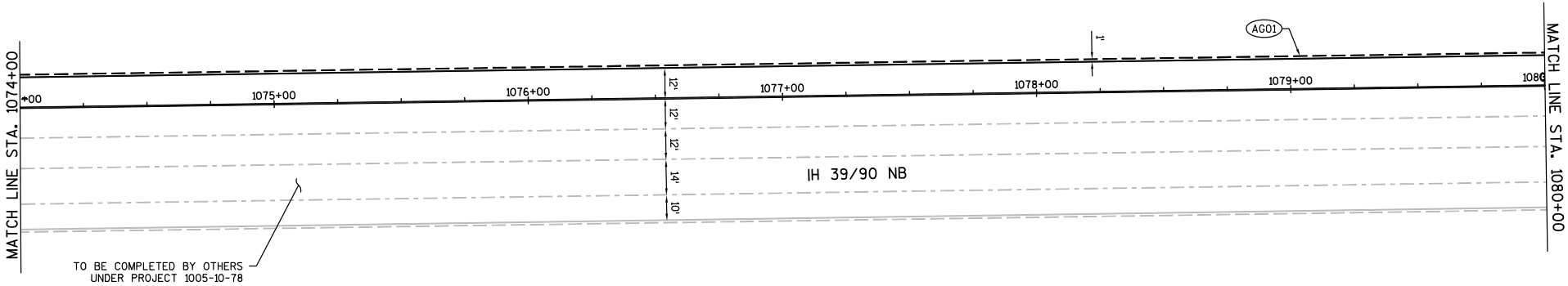
NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION

N

TO BE COMPLETED BY OTHERS UNDER PROJECT 1005-10-78



Addendum No. 1
ID 1005-10-77
Added Sheet 371H
November 28, 2018



2

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371H	E

2

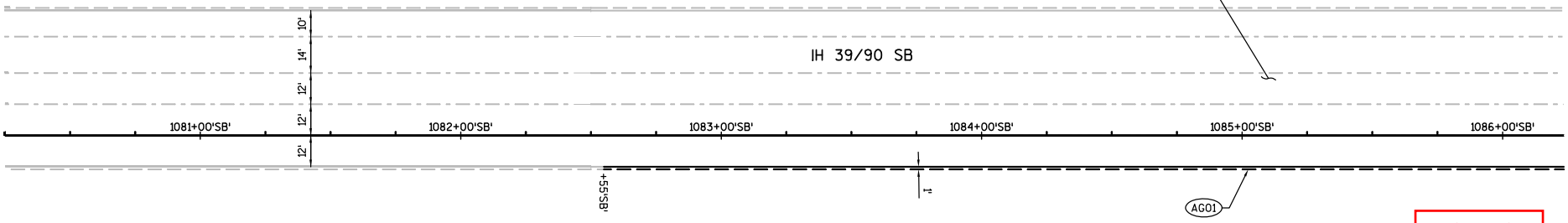
LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

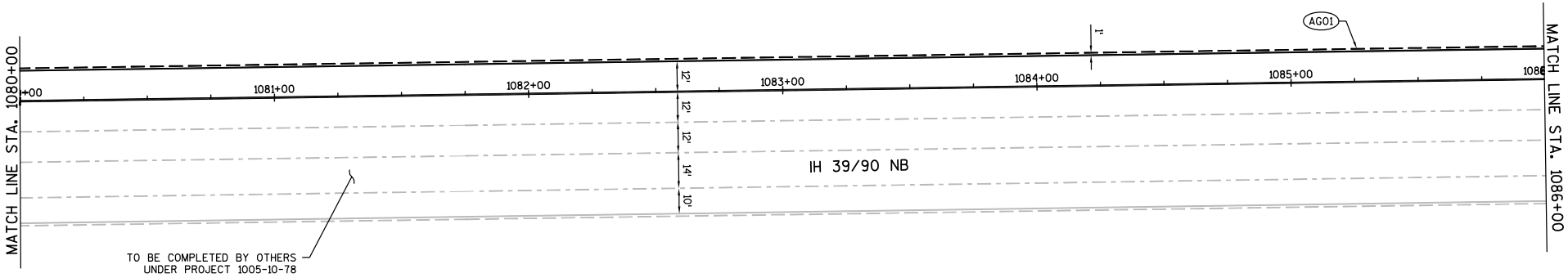
NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION

N

TO BE COMPLETED BY OTHERS UNDER PROJECT 1005-10-78



Addendum No. 1
ID 1005-10-77
Added Sheet 371I
November 28, 2018



TO BE COMPLETED BY OTHERS UNDER PROJECT 1005-10-78

2

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371I	E

2

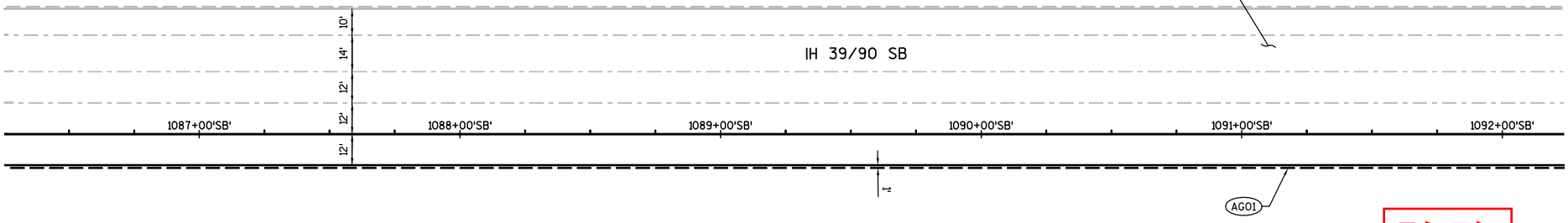
LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

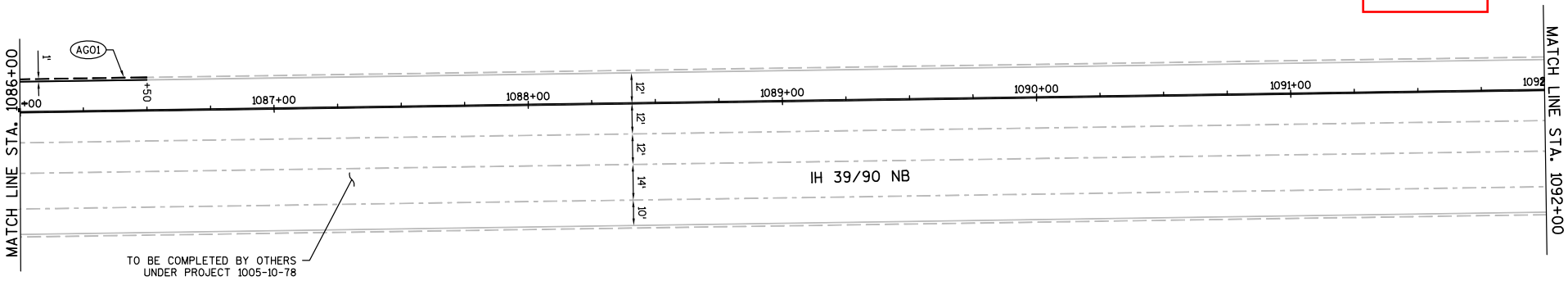
NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION

N

TO BE COMPLETED BY OTHERS UNDER PROJECT 1005-10-78



Addendum No. 1
ID 1005-10-77
Added Sheet 371J
November 28, 2018



2

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371J	E

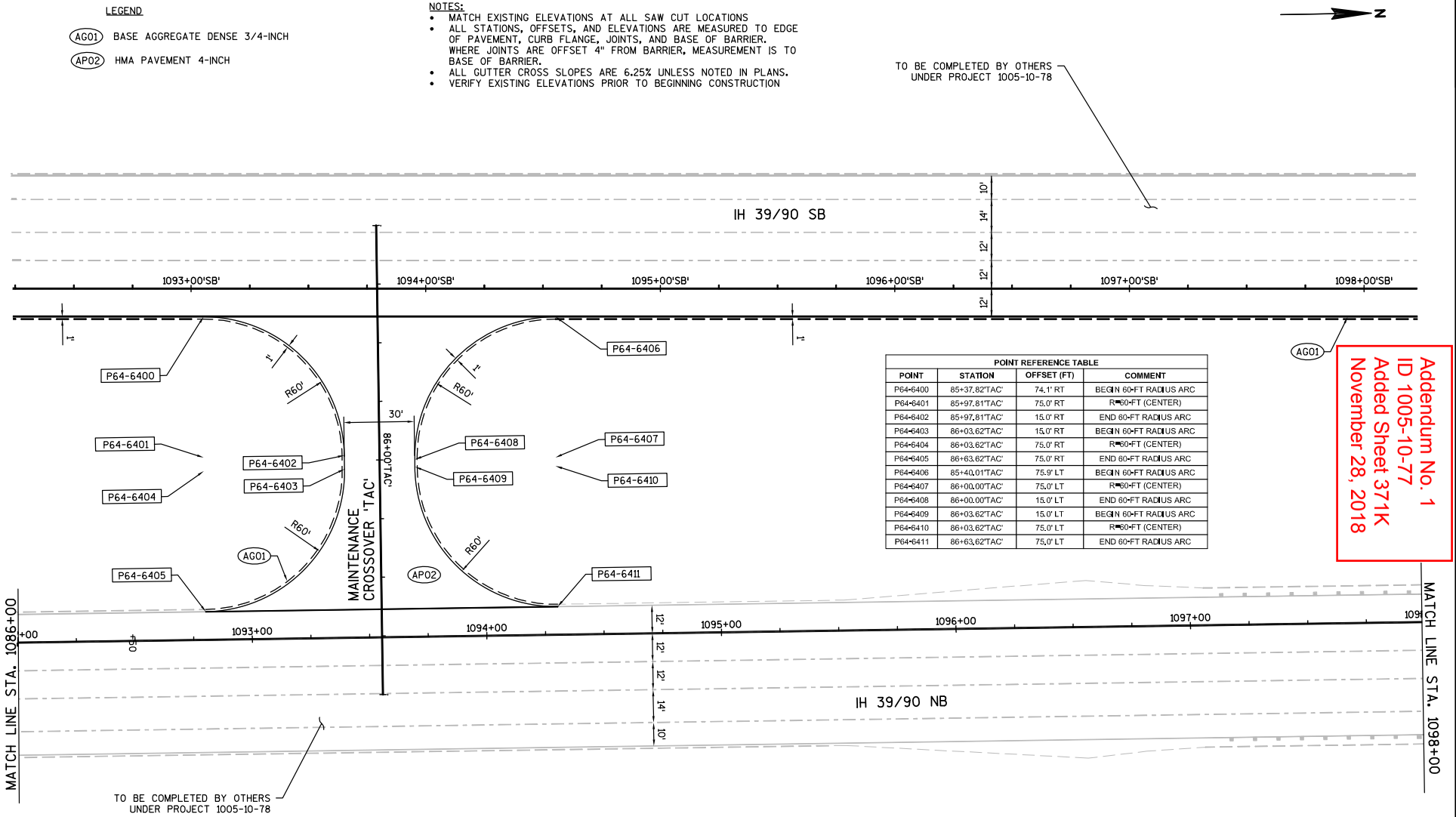
LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

AP02 HMA PAVEMENT 4-INCH

NOTES:

- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION



POINT REFERENCE TABLE

POINT	STATION	OFFSET (FT)	COMMENT
P64-6400	85+37.82'TAC'	74.1' RT	BEGIN 60-FT RADIUS ARC
P64-6401	85+97.81'TAC'	75.0' RT	R=60-FT (CENTER)
P64-6402	85+97.81'TAC'	15.0' RT	END 60-FT RADIUS ARC
P64-6403	86+03.62'TAC'	15.0' RT	BEGIN 60-FT RADIUS ARC
P64-6404	86+03.62'TAC'	75.0' RT	R=60-FT (CENTER)
P64-6405	86+63.62'TAC'	75.0' RT	END 60-FT RADIUS ARC
P64-6406	85+40.01'TAC'	75.9' LT	BEGIN 60-FT RADIUS ARC
P64-6407	86+00.00'TAC'	75.0' LT	R=60-FT (CENTER)
P64-6408	86+00.00'TAC'	15.0' LT	END 60-FT RADIUS ARC
P64-6409	86+03.62'TAC'	15.0' LT	BEGIN 60-FT RADIUS ARC
P64-6410	86+03.62'TAC'	75.0' LT	R=60-FT (CENTER)
P64-6411	86+63.62'TAC'	75.0' LT	END 60-FT RADIUS ARC

Addendum No. 1
ID 1005-10-77
Added Sheet 371K
November 28, 2018

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371K	E

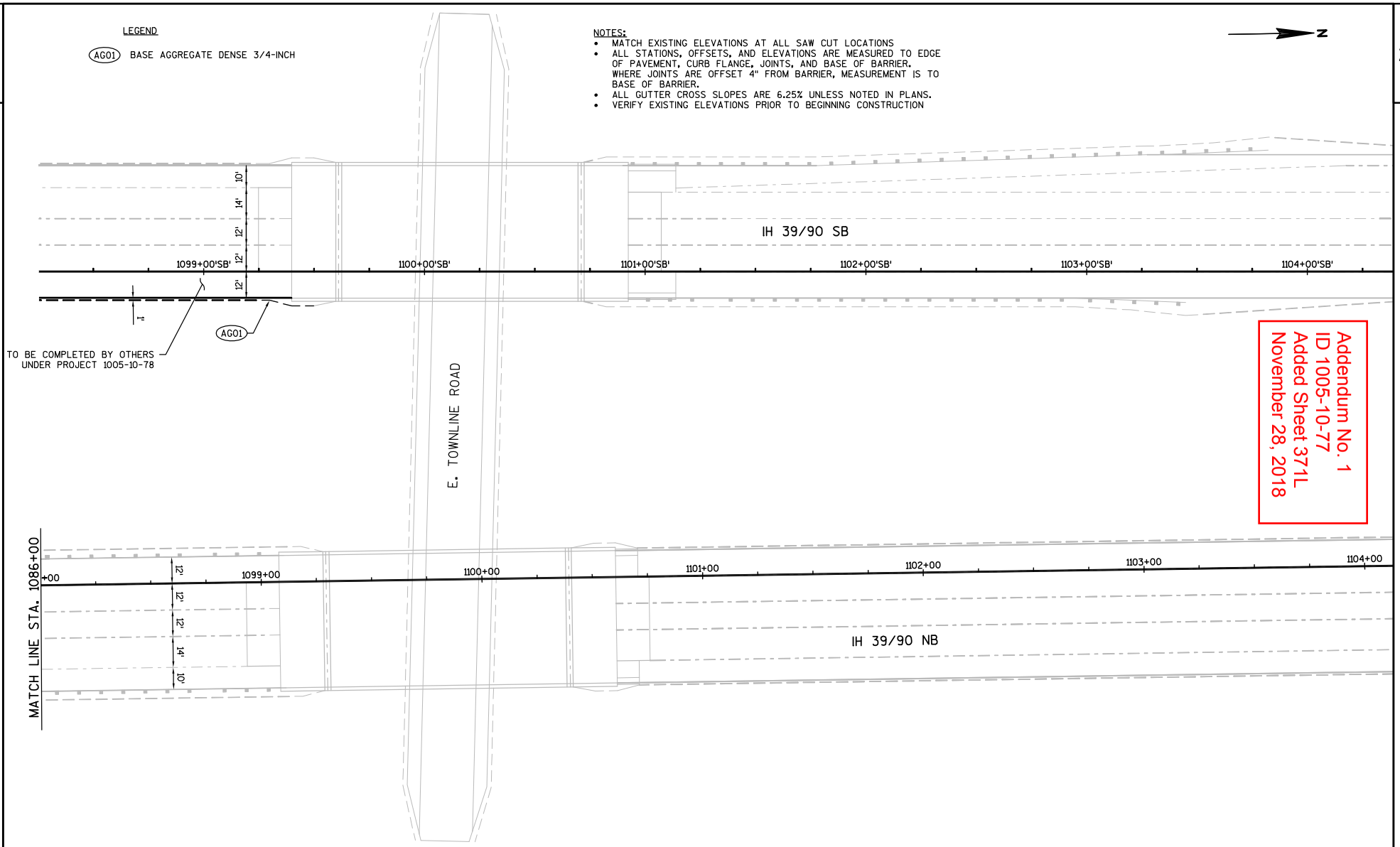
2

LEGEND

AG01 BASE AGGREGATE DENSE 3/4-INCH

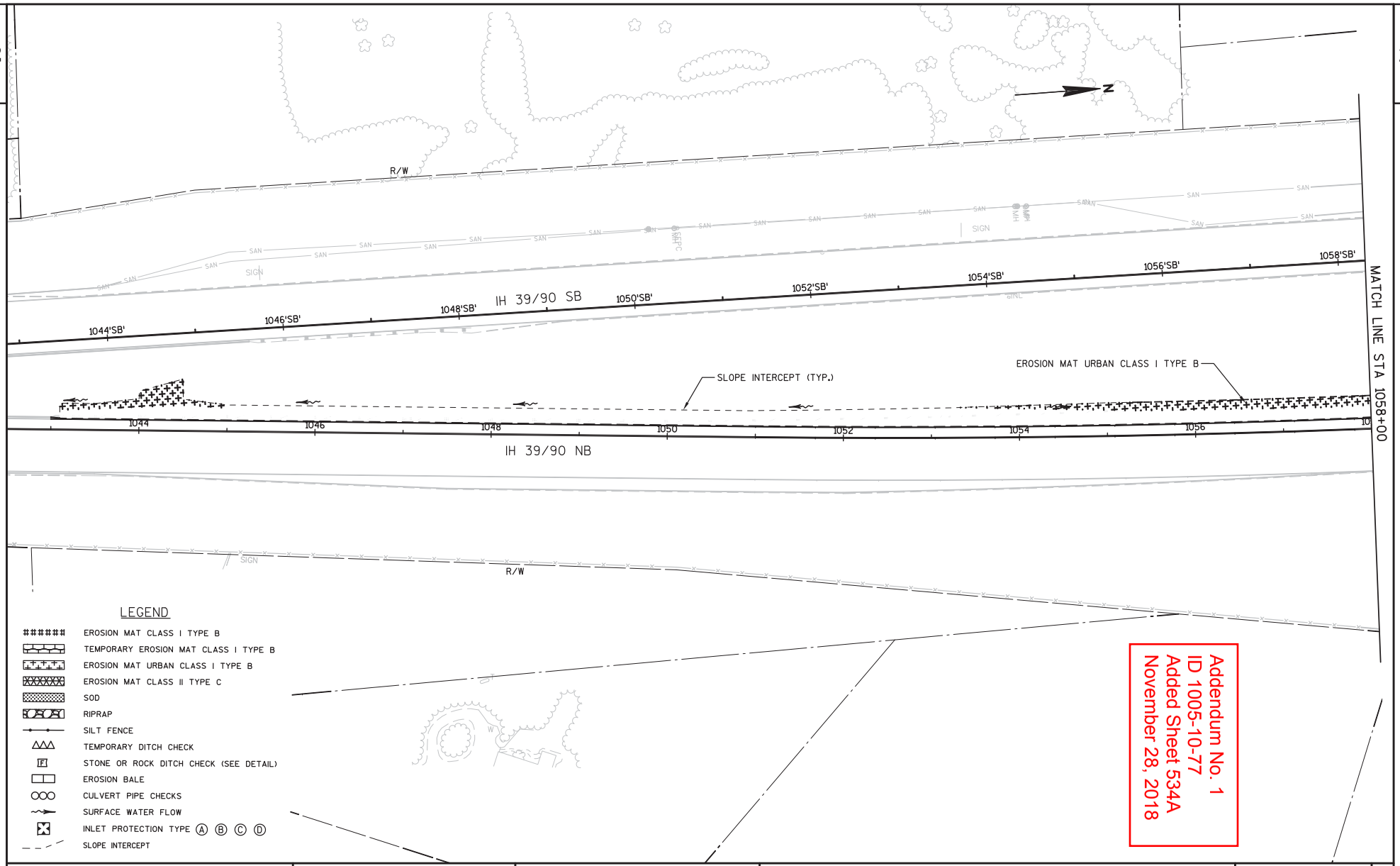
NOTES:
- MATCH EXISTING ELEVATIONS AT ALL SAW CUT LOCATIONS
- ALL STATIONS, OFFSETS, AND ELEVATIONS ARE MEASURED TO EDGE OF PAVEMENT, CURB FLANGE, JOINTS, AND BASE OF BARRIER. WHERE JOINTS ARE OFFSET 4" FROM BARRIER, MEASUREMENT IS TO BASE OF BARRIER.
- ALL GUTTER CROSS SLOPES ARE 6.25% UNLESS NOTED IN PLANS.
- VERIFY EXISTING ELEVATIONS PRIOR TO BEGINNING CONSTRUCTION

N



Addendum No. 1
ID 1005-10-77
Added Sheet 371L
November 28, 2018

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	PLAN DETAILS: IH 39/90 & RAMPS	SHEET 371L	E



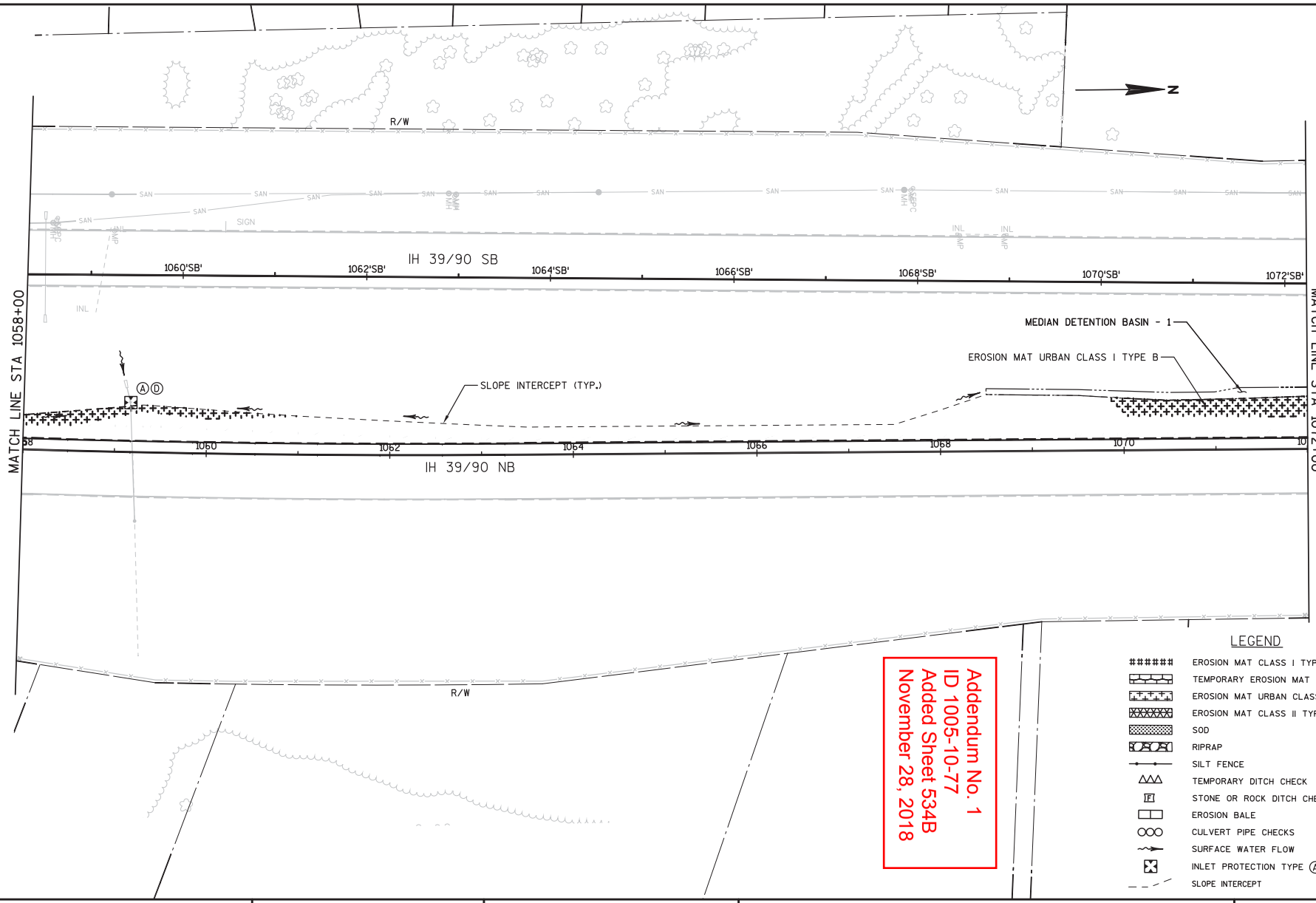
Addendum No. 1
ID 1005-10-77
Added Sheet 534A
November 28, 2018

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	EROSION CONTROL - STAGE 5	SHEET 534A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\EROSION CONTROL\022001_EC_S5P1.DWG PLOT DATE : 11/28/2018 2:17 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME : STAGE 5 NB (1)

WISDOT/CADDS SHEET 42

2



Addendum No. 1
ID 1005-10-77
Added Sheet 534B
November 28, 2018

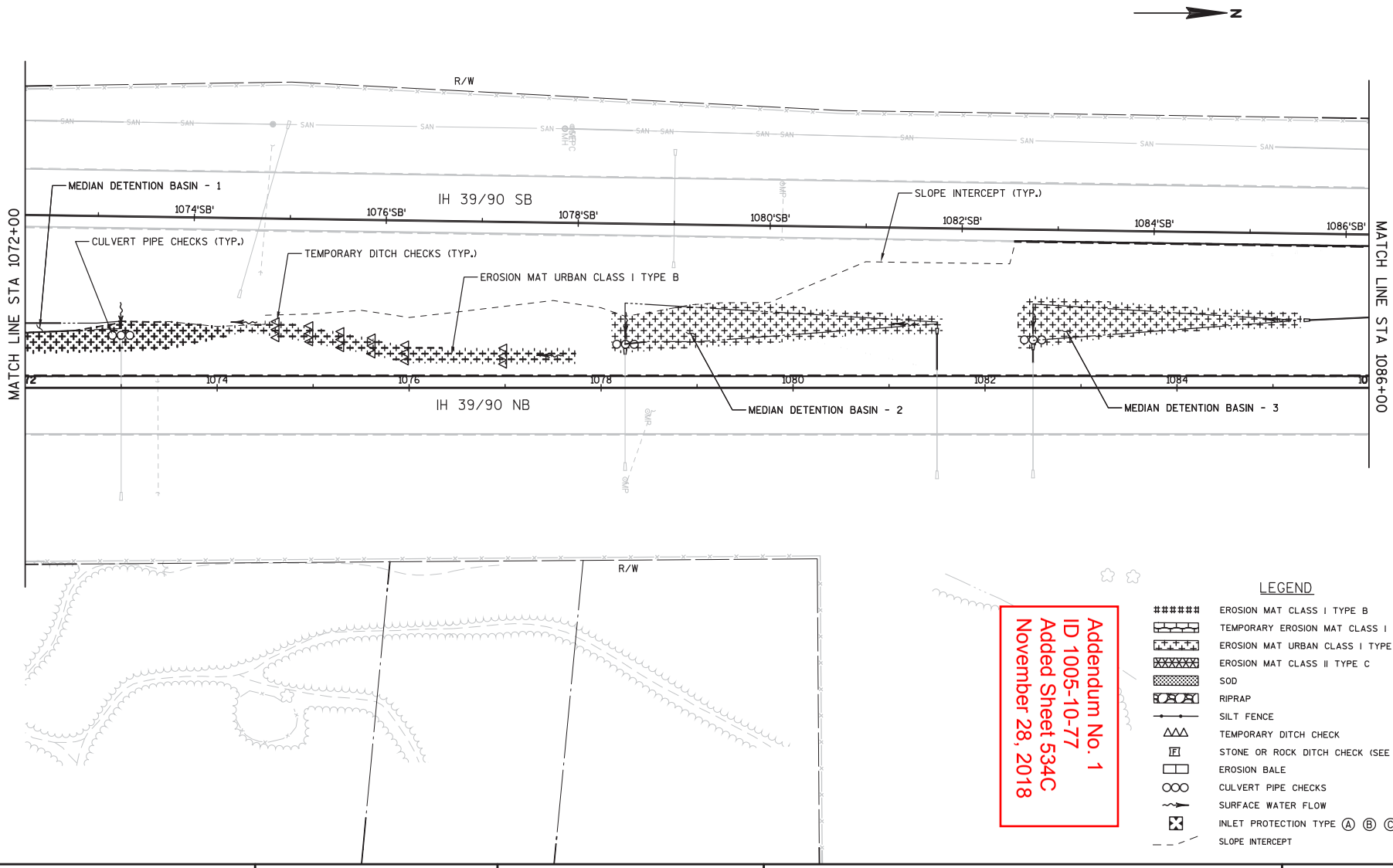
LEGEND

- EROSION MAT CLASS I TYPE B
- TEMPORARY EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- EROSION MAT CLASS II TYPE C
- SOD
- RIPRAP
- SILT FENCE
- TEMPORARY DITCH CHECK
- STONE OR ROCK DITCH CHECK (SEE DETAIL)
- EROSION BALE
- CULVERT PIPE CHECKS
- SURFACE WATER FLOW
- INLET PROTECTION TYPE Ⓐ Ⓑ Ⓒ Ⓓ
- SLOPE INTERCEPT

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	EROSION CONTROL - STAGE 5	SHEET 534B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\EROSION CONTROL\022001_EC_S5P1.DWG
LAYOUT NAME : STAGE 5 NB (2)
PLOT DATE : 11/28/2018 2:18 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



Addendum No. 1
ID 1005-10-77
Added Sheet 534C
November 28, 2018

LEGEND

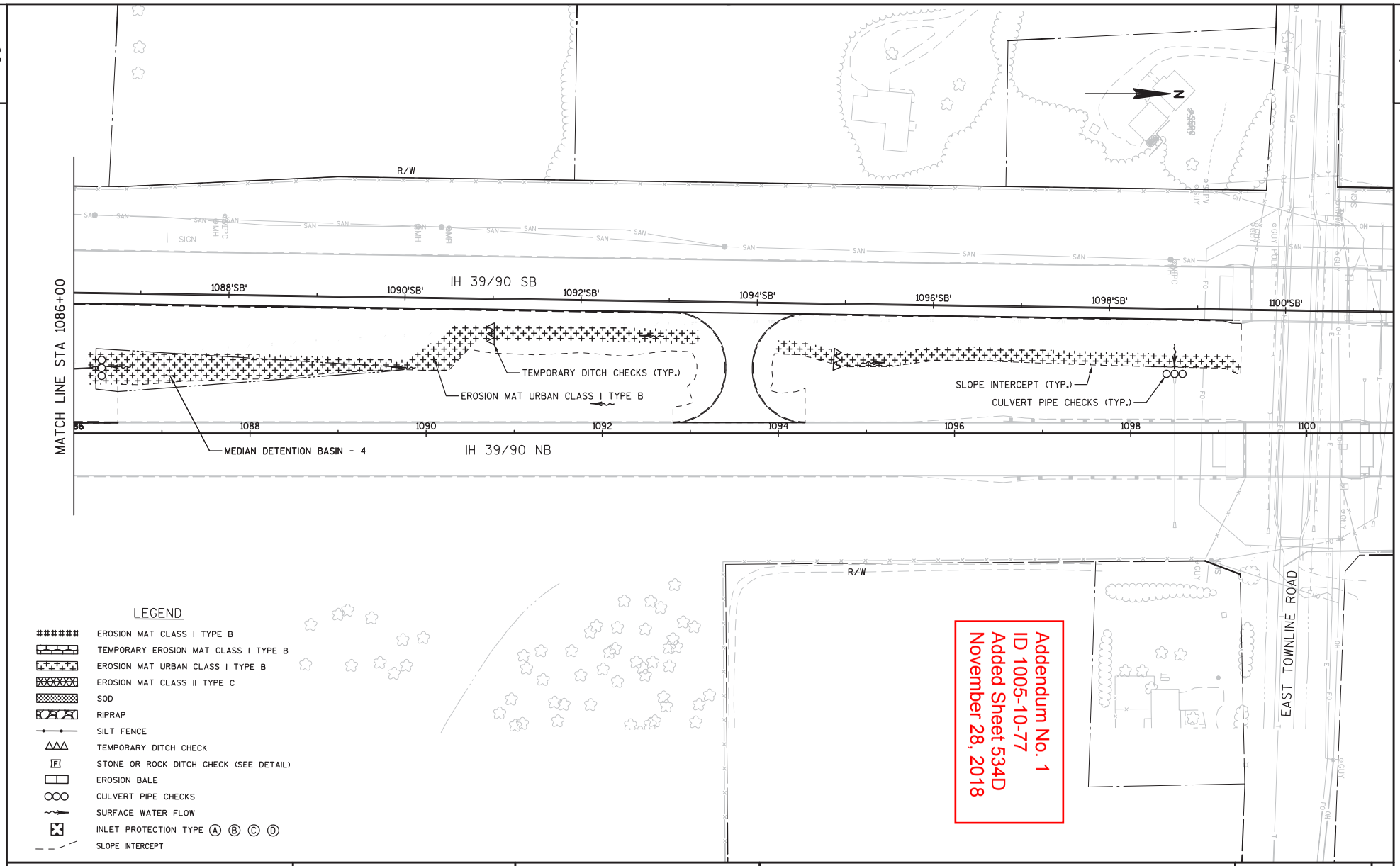
- EROSION MAT CLASS I TYPE B
- TEMPORARY EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- EROSION MAT CLASS II TYPE C
- SOD
- RIPRAP
- SILT FENCE
- TEMPORARY DITCH CHECK
- STONE OR ROCK DITCH CHECK (SEE DETAIL)
- EROSION BALE
- CULVERT PIPE CHECKS
- SURFACE WATER FLOW
- INLET PROTECTION TYPE Ⓐ Ⓑ Ⓒ Ⓓ
- SLOPE INTERCEPT

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	EROSION CONTROL - STAGE 5	SHEET 534C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\EROSION CONTROL\022001_EC_S5P1.DWG PLOT DATE : 11/28/2018 2:18 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME : STAGE 5 NB (3)

WISDOT/CADDS SHEET 42

2



LEGEND

- EROSION MAT CLASS I TYPE B
- TEMPORARY EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- EROSION MAT CLASS II TYPE C
- SOD
- RIPRAP
- SILT FENCE
- TEMPORARY DITCH CHECK
- STONE OR ROCK DITCH CHECK (SEE DETAIL)
- EROSION BALE
- CULVERT PIPE CHECKS
- SURFACE WATER FLOW
- INLET PROTECTION TYPE Ⓐ Ⓑ Ⓒ Ⓓ
- SLOPE INTERCEPT

Addendum No. 1
ID 1005-10-77
Added Sheet 534D
November 28, 2018

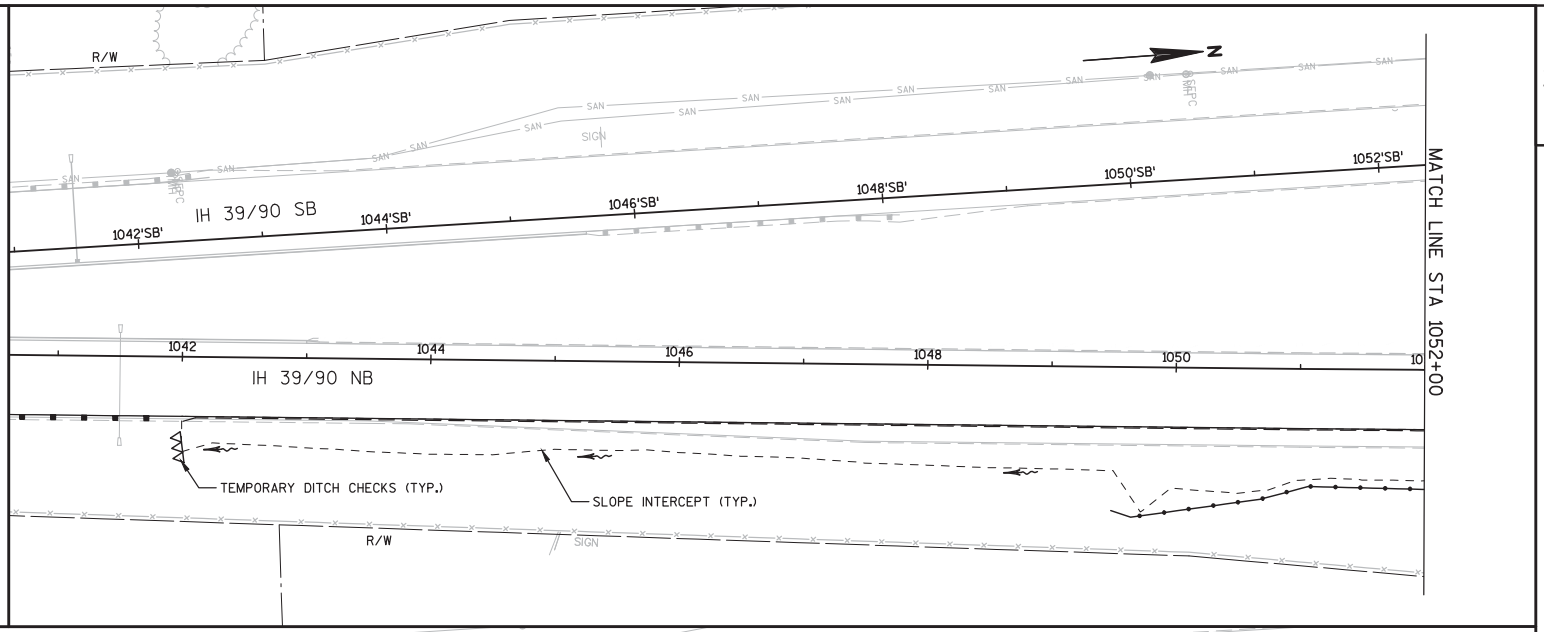
PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	EROSION CONTROL - STAGE 5	SHEET 534D	E

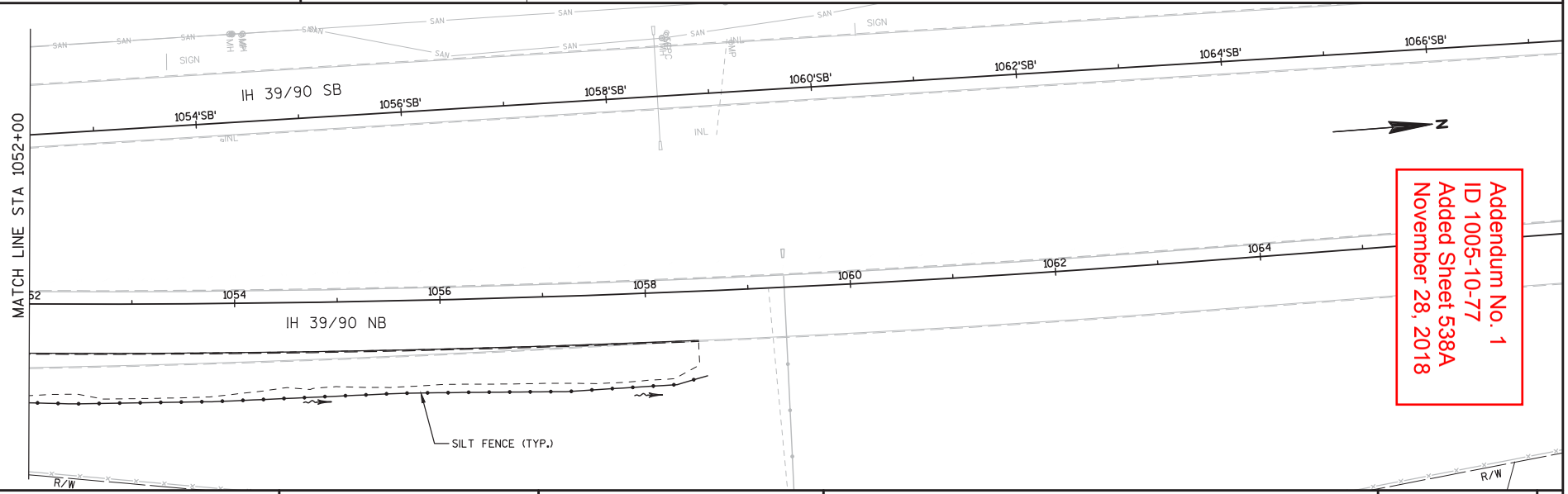
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\EROSION CONTROL\022001_EC_S5P1.DWG PLOT DATE : 11/28/2018 2:18 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME : STAGE 5 NB (4)

2

LEGEND

- EROSION MAT CLASS I TYPE B
- TEMPORARY EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- EROSION MAT CLASS II TYPE C
- SOD
- RIPRAP
- SILT FENCE
- TEMPORARY DITCH CHECK
- STONE OR ROCK DITCH CHECK (SEE DETAIL)
- EROSION BALE
- CULVERT PIPE CHECKS
- SURFACE WATER FLOW
- INLET PROTECTION TYPE Ⓐ Ⓑ Ⓒ Ⓓ
- SLOPE INTERCEPT



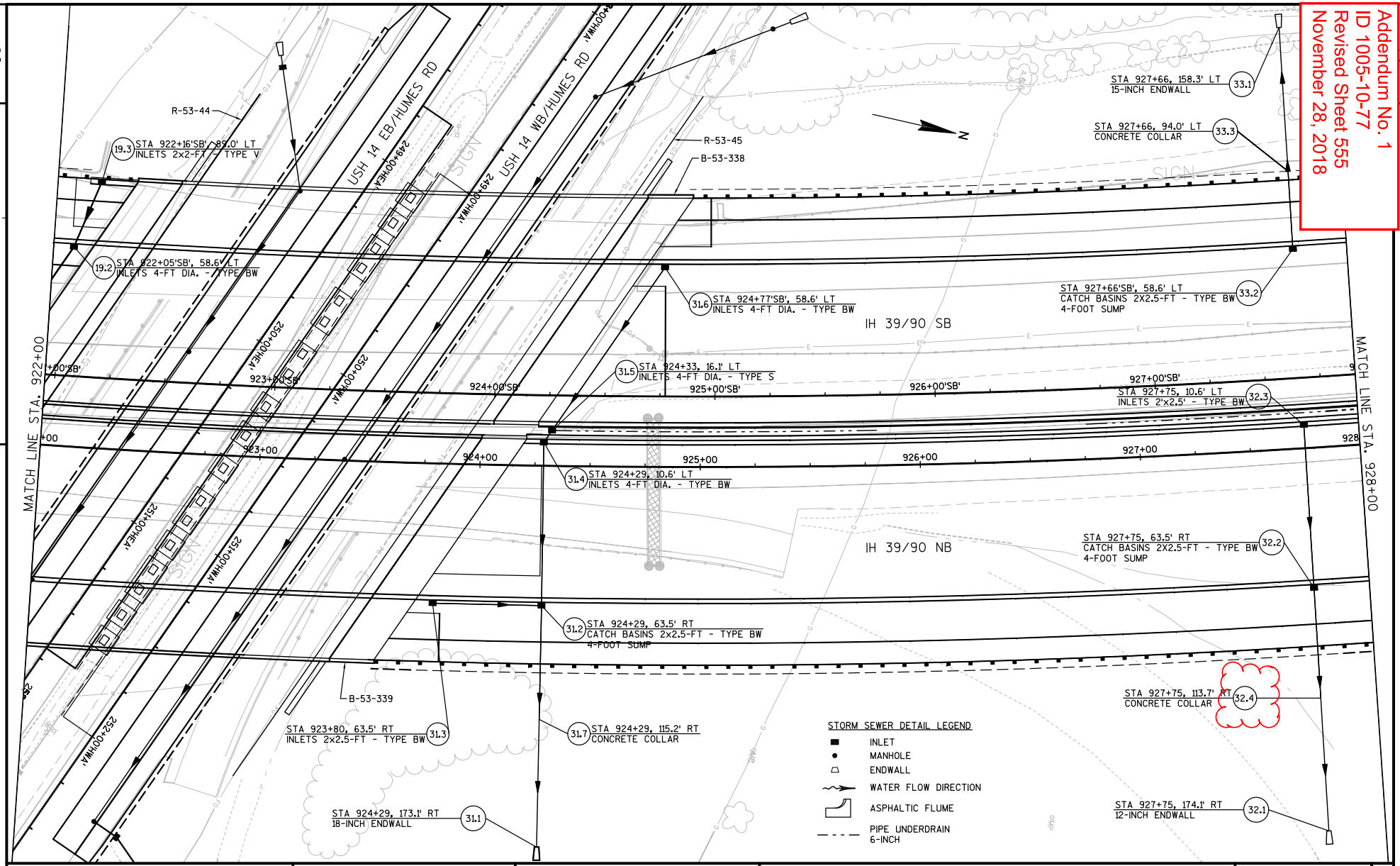


Addendum No. 1
ID 1005-10-77
Added Sheet 538A
November 28, 2018

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	EROSION CONTROL - STAGE 6	SHEET 538A	E

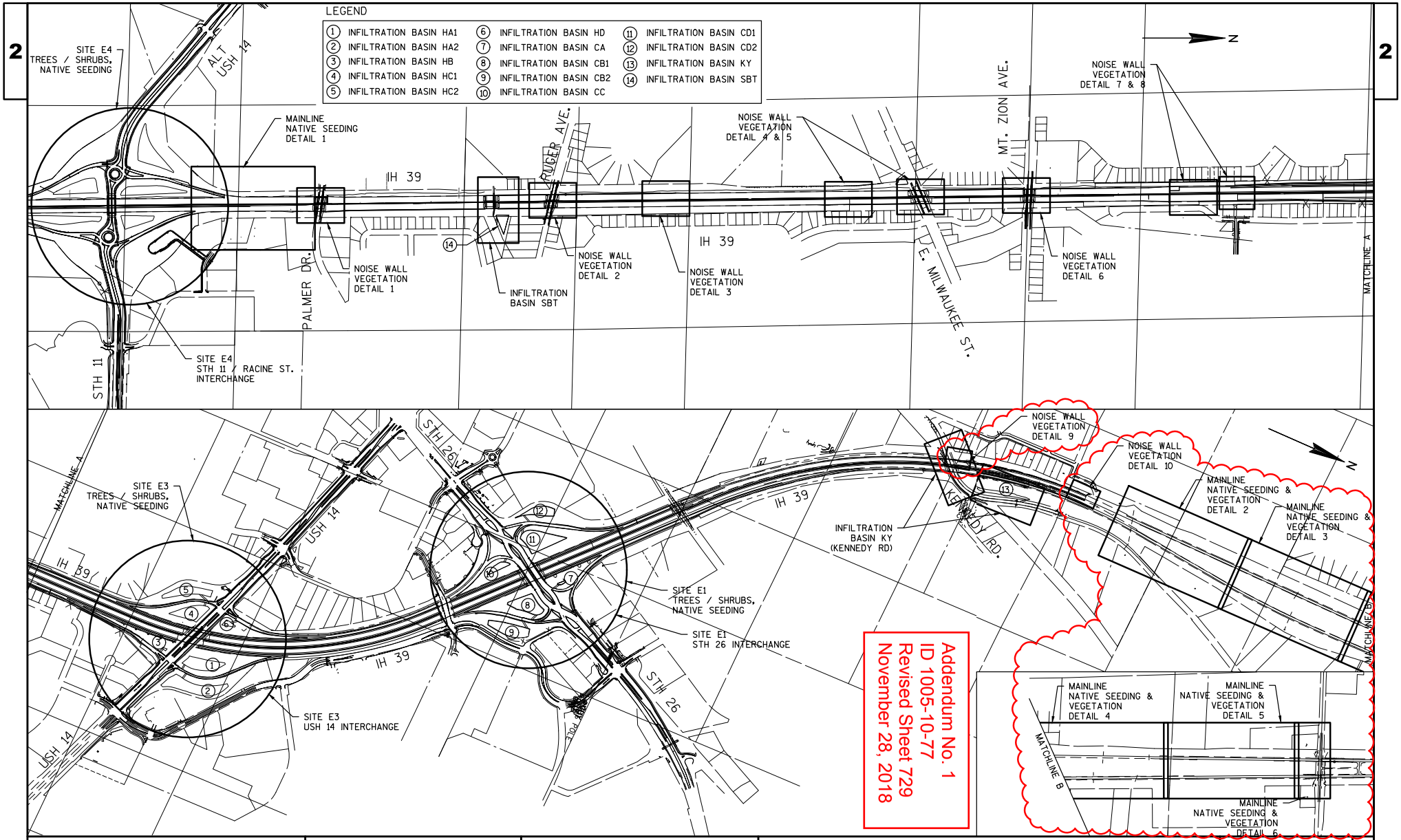
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\EROSION CONTROL\022001_EC_S6.DWG PLOT DATE : 11/27/2018 8:36 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - STAGE 5 NB (1)

Addendum No. 1
ID 1005-10-77
Revised Sheet 555
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	STORM SEWER PLAN - IH 39/90	SHEET 555	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\STORM SEWER\022501_SS.DWG
LAYOUT NAME - 022506
PLOT DATE : 11/12/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

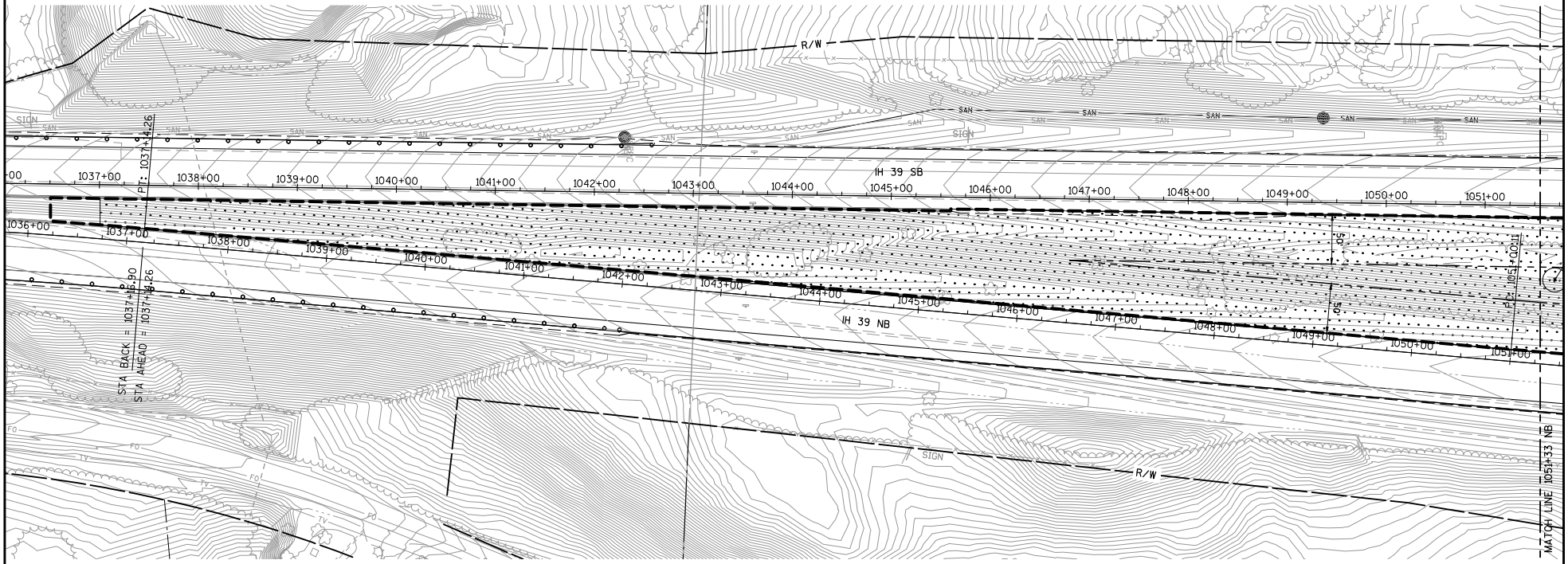


PROJECT NO: 1005-10-77	HWY: IH 39	COUNTY: ROCK	VEGETATION OVERVIEW - CENTRAL SEGMENT	SHEET 729	E

FILE NAME : C:\USERS\KOSTAMOL\DESKTOP\I-39\1005-10-77 USH 14 TO KENNEDY LET E\030201_PO_CENTRAL_SEEDING.DWG PLOT DATE : 11/15/2018 7:09 AM PLOT BY : KOSTAMO, LISA PLOT NAME : PLOT SCALE : 1 IN: 1000 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- NATIVE SEED MIX N2
- NATIVE SEED MIX N3
- NATIVE SEED MIX N4
- EDGE OF INVASIVE SPECIES AND WEED MANAGEMENT AREA
- DITCH LINE
- TREE PLANTING BOUNDARY

Addendum No. 1
ID 1005-10-77
Added Sheet 744A
November 28, 2018

2 MAINLINE NATIVE SEEDING & VEGETATION

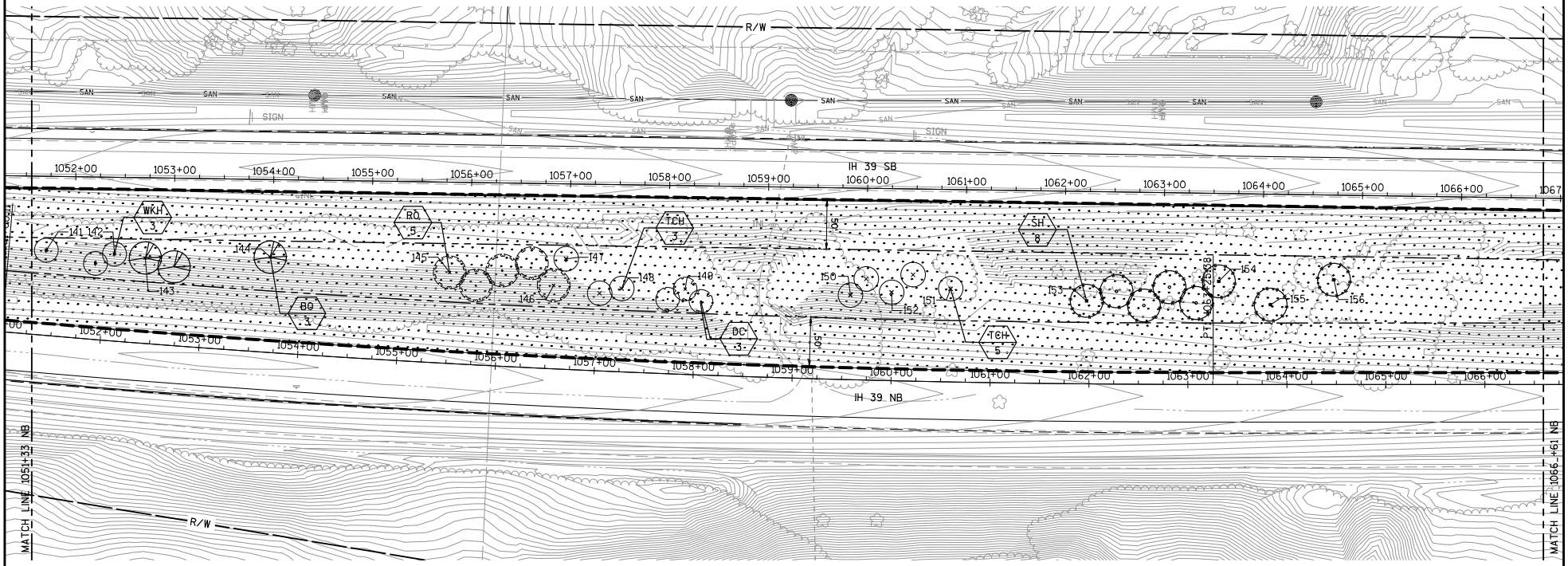
SCALE: 1" = 100'

N

SCALE, FEET 0 100

PROJECT NO: 1005-10-77	HWY: IH 39	COUNTY: ROCK	MAINLINE NATIVE SEEDING & VEGETATION - 2	SHEET 744A	E

2



LEGEND

- NATIVE SEED MIX N2
- NATIVE SEED MIX N3
- NATIVE SEED MIX N4
- EDGE OF INVASIVE SPECIES AND WEED MANAGEMENT AREA
- DITCH LINE
- TREE PLANTING BOUNDARY

SYM	COMMON NAME
WKH	Hawthorn, Winter King
BO	Oak, Bur
RO	Oak, Red
TCH	Hawthorn, Thornless Cockspur
DC	Crabapple, Donald Wyman
SH	Hickory, Shagbark

Addendum No. 1
ID 1005-10-77
Added Sheet 744B
November 28, 2018

3 MAINLINE NATIVE SEEDING & VEGETATION

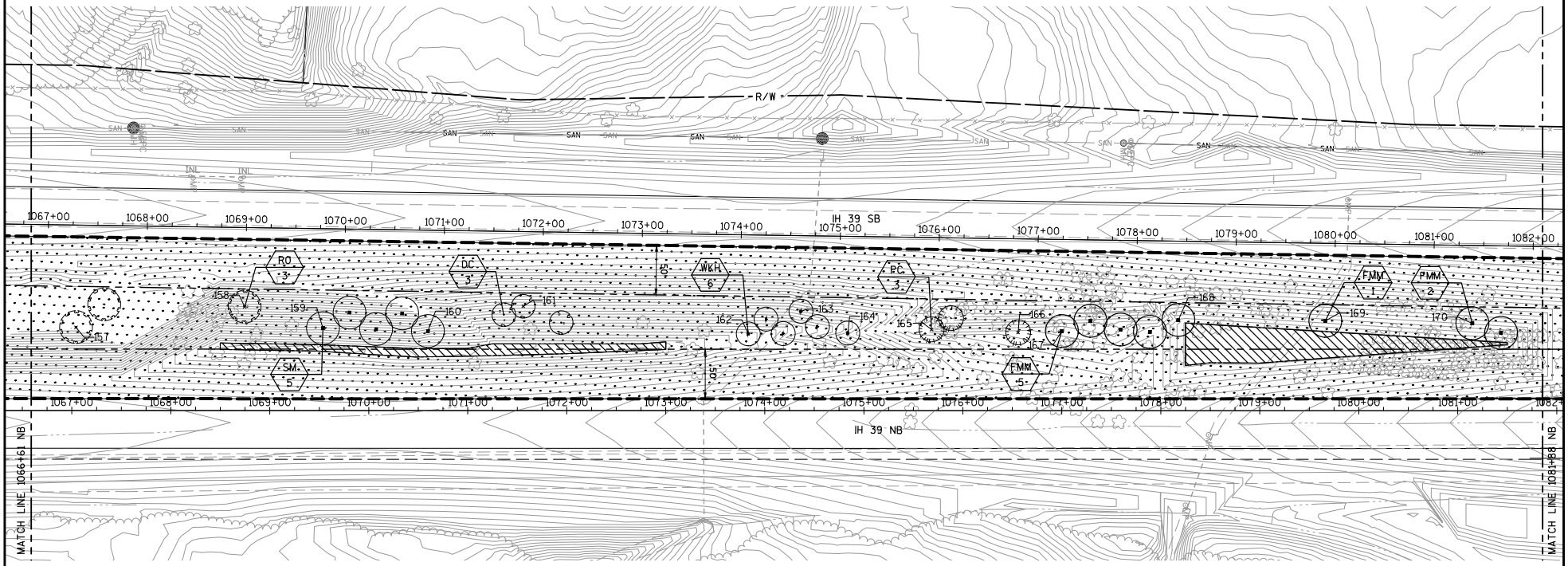
SCALE: 1" = 100'

N

SCALE, FEET 0 100

PROJECT NO: 1005-10-77	HWY: IH 39	COUNTY: ROCK	MAINLINE NATIVE SEEDING & VEGETATION - 3	SHEET 744B	E

2



LEGEND

- NATIVE SEED MIX N2
- NATIVE SEED MIX N3
- NATIVE SEED MIX N4
- EDGE OF INVASIVE SPECIES AND WEED MANAGEMENT AREA
- DITCH LINE
- TREE PLANTING BOUNDARY

SYM	COMMON NAME
WKH	Hawthorn, Winter King
SM	Maple, Sugar
RO	Oak, Red
DC	Crabapple, Donald Wyman
PC	Crabapple, Prairie
FMM	Maple, Freeman Marmo

Addendum No. 1
ID 1005-10-77
Added Sheet 744C
November 28, 2018

4 MAINLINE NATIVE SEEDING & VEGETATION

SCALE: 1" = 100'

N

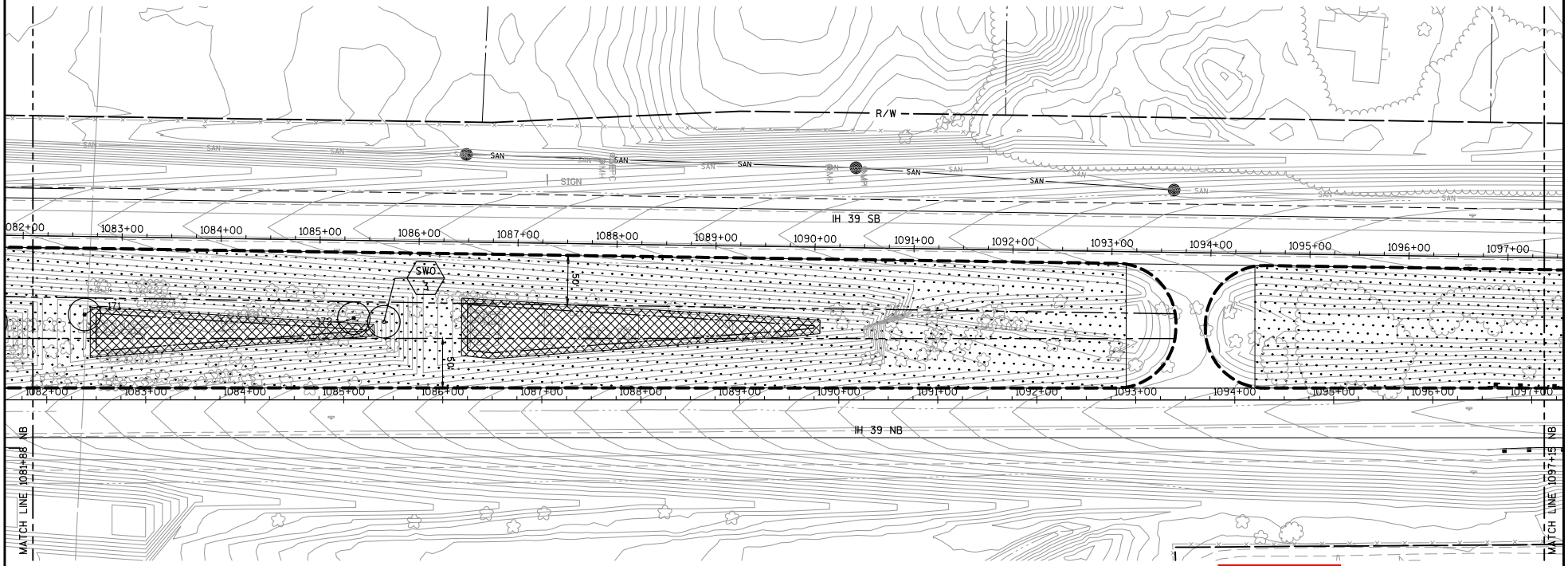
SCALE, FEET 0 100

PROJECT NO: 1005-10-77	HWY: IH 39	COUNTY: ROCK	MAINLINE NATIVE SEEDING & VEGETATION - 4	SHEET 744C	E

FILE NAME : C:\USERS\KOSTAMO\DESKTOP\I39\1005-10-77 WSH 14 TO KENNEDY LET E1030201\PO-CENTRAL-SEEDING.DWG PLOT DATE : 11/15/2018 1:08 PM PLOT BY : KOSTAMO LTSM PLOT NAME : PLOT SCALE : 1 IN: 100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- NATIVE SEED MIX N2
- NATIVE SEED MIX N3
- NATIVE SEED MIX N4
- EDGE OF INVASIVE SPECIES AND WEED MANAGEMENT AREA
- DITCH LINE
- TREE PLANTING BOUNDARY

SYM	COMMON NAME
SWO	Oak, Swamp White

Addendum No. 1
ID 1005-10-77
Added Sheet 744D
November 28, 2018

5 MAINLINE NATIVE SEEDING & VEGETATION

SCALE: 1" = 100'

N

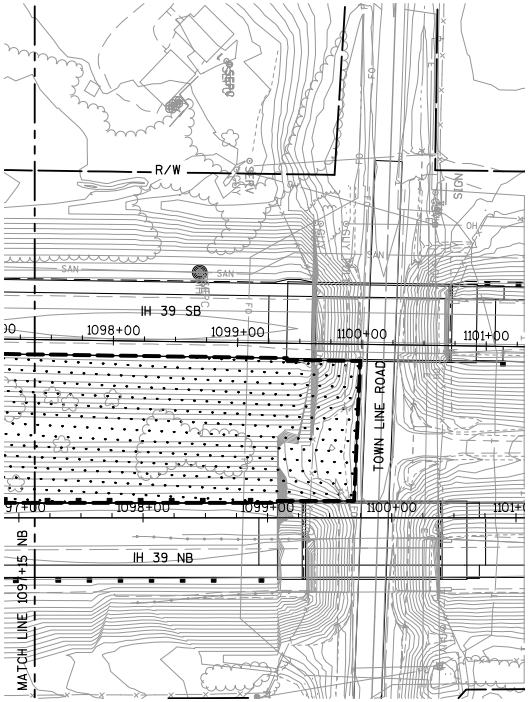
SCALE, FEET 0 100

PROJECT NO: 1005-10-77	HWY: IH 39	COUNTY: ROCK	MAINLINE NATIVE SEEDING & VEGETATION - 5	SHEET 744D	E

FILE NAME : P:\EDAW PROJECTS\2041\39\900\CAD\GIS\910\CAD\BTW02SHEETS\1005-10-77_I39_1A_TO_KENNEDY_LEX_EV030201_PO_CENTRAL_SEED.DGN DATE : 11/26/2018 11:42 AM PLOT BY : KOSTAMO, LISA PLOT NAME : PLOT SCALE : 1 IN: 100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- NATIVE SEED MIX N2
- NATIVE SEED MIX N3
- NATIVE SEED MIX N4
- EDGE OF INVASIVE SPECIES AND WEED MANAGEMENT AREA
- DITCH LINE
- TREE PLANTING BOUNDARY

6 MAINLINE NATIVE SEEDING & VEGETATION

SCALE: 1" = 100'

Addendum No. 1
ID 1005-10-77
Added Sheet 744E
November 28, 2018

N

SCALE, FEET 0 100

PROJECT NO: 1005-10-77	HWY: IH 39	COUNTY: ROCK	MAINLINE NATIVE SEEDING & VEGETATION - 6	SHEET 744E	E

FILE NAME : C:\USERS\KOSTAMO\DESKTOP\I-39\1005-10-77 ASH 14 TO KENNEDY LET\E1030201\PO-CENTRAL-SEEDING.DWG PLOT DATE : 11/15/2018 1:08 PM PLOT BY : KOSTAMO\LISA PLOT NAME : PLOT SCALE : 1 IN: 100 FT

WISDOT/CADDS SHEET 42

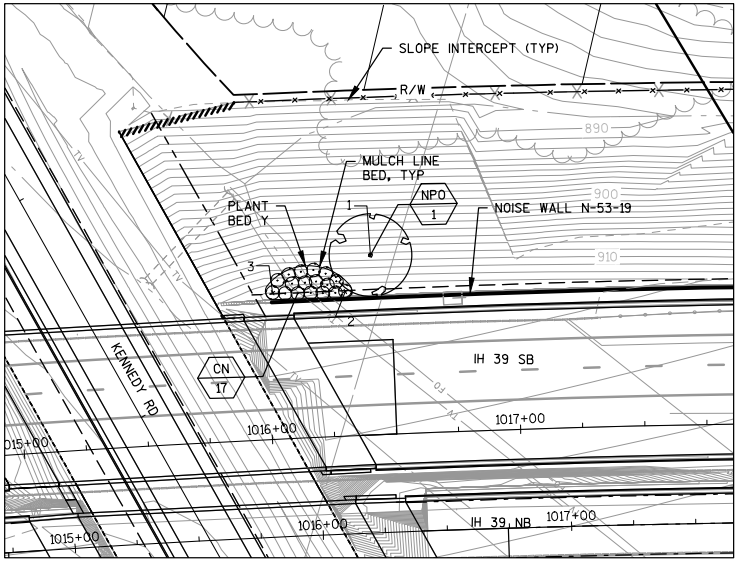
2

Addendum No. 1
ID 1005-10-77
Added Sheet 753A
November 28, 2018

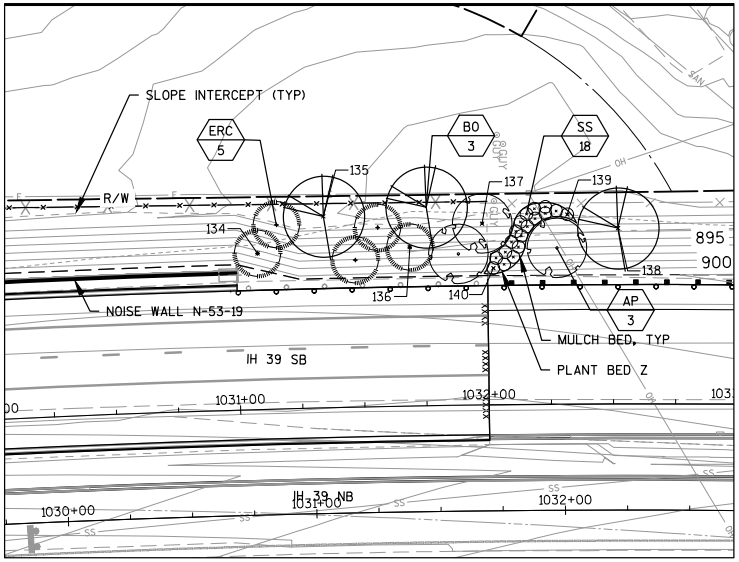
LEGEND

- R/W — RIGHT OF WAY
- BEAM GUARD
- EXISTING PLANTING MASS
- TREE PLANTING BOUNDARY
- ABC / XX — PLANT SYMBOL / QUANTITY
- SHADE TREE
- ORNAMENTAL TREE
- SHRUB/ SHRUB BED LIMITS

SYM	COMMON NAME
BO	Oak, Bur
CN	Ninebark, Common
SS	Sumac, Staghorn
NPO	Oak, Northern Pn
ERC	Cedar, Eastern Red
AP	Pine, Austrian



9 KENNEDY RD NOISE WALL VEGETATION DETAIL
SCALE: 1" = 50'



10 KENNEDY RD NOISE WALL VEGETATION DETAIL
SCALE: 1" = 50'

SCALE, FEET 0 50

PROJECT NO: 1005-10-77	HWY: IH 39	COUNTY: ROCK	NOISE WALL VEGETATION 9/10	SHEET 753A	E

2

TREES AND SHRUBS PLANT DATA TABLE

Symbol	Common Name	Scientific Name	Type	Average Mature Height	Size When Planted	Root Zone Mode	Minimum Size					Brace or Guy	Fertilizer Units Required	Rodent Protection Required	Mulch Ring Required	Plant Bed Detail	Each
							Ball/Pot		Root Spread	Plant Hole							
							Diameter	Depth		Diameter	Depth						
	SHADE TREES																
SWO	Oak, Swamp White	*Quercus bicolor*	1 T	75' Ht.	2 1/2" Cal.	B&B	28"	17"	——	8'	17"	**	7	Yes	*	——	26
RO	Oak, Red	*Quercus rubra*	1 T	60-75' Ht.	2" Cal.	B&B	24"	14"	——	8'	14"	**	4	Yes	*	——	32
NPO	Oak, Northern Pin	*Quercus ellipsoidallis*	1 T	50-60' Ht.	2" Cal.	B&B	24"	14"	——	8'	14"	**	4	Yes	*	——	22
TE	Elm, Triumph	*Ulmus 'Morton Glossy'*	1T	40-50' Ht.	2 1/2" Cal.	B&B	28"	17"	——	8'	17"	**	6	Yes	*	——	21
WCH	Hackberry, Windy City	*Celtis occidentalis 'Windy City'*	1T	35-45' Ht.	2 1/2" Cal.	B&B	28"	17"	——	8'	17"	**	6	Yes	*	——	7
SH	Hickory, Shagbark	*Carya ovata*	1 T	60-80' Ht.	2 1/2" Cal.	B&B	28"	17"	——	8'	17"	**	6	Yes	*	——	13
	ORNAMENTAL TREES																
CC	Chokecherry	*Prunus virginiana*	3 T	20-30' Ht.	6' Ht.	B&B	24"	14"	——	8'	14"	**	4	Yes	*	——	11
WKH	Hawthorn, Winter King	*Crataegus viridis 'Winter King'*	3 T	25-35' Ht.	6' Ht.	B&B	24"	14"	——	8'	14"	**	4	Yes	*	——	10
DC	Crabapple, Donald Wyman	*Malus 'Donald Wyman'*	3 T	15-20' Ht.	8' Ht.	B&B	24"	14"	——	8'	14"	**	4	Yes	*	——	18
RC	Crabapple, Redbud	*Malus x zumi calocarpa*	3 T	12-20' Ht.	6' Ht.	B&B	24"	14"	——	8'	14"	**	4	Yes	*	——	13
	SHRUBS																
NB	Bayberry, Northern	*Myrica pennsylvanica*	2 S	3-6' Ht.	3' Ht. / #5	CONT	14"	9"	——	36"	15"	——	3	No	*	A,B,L,M	150
AF	American Filbert	*Corylus americana*	3 S	8-10' Ht.	3' Ht./ #5	CONT	14"	9"	——	36"	15"	——	3	No	*	D,E,H,I	124
SS	Sumac, Smooth	*Rhus glabra*	3 S	10-15' Ht.	3' Ht./ #5	CONT	14"	9"	——	36"	15"	——	3	No	*	C,J	62
OCJ	Juniper, Oldfield Common	*Juniperus communis var. depressa*	3 C	4-6' Ht.	3' Ht./ #5	CONT	14"	9"	——	36"	15"	——	3	No	*	F,G,K	97

SITE E1: STH 26 COORDINATES

TREE COORDINATES		
POINT	NORTHING	EASTING
1	284376	500810
2	284451	500710
3	284350	500851
4	284369	500825
5	284349	500836
6	284844	500513
7	285004	500555
8	284830	500612
9	284824	500621
10	285032	500526
11	284784	500635
12	285008	500767
13	284974	500777
14	284940	500758
15	285126	500744
16	285098	500839
17	285065	500719
18	285071	500828
19	285177	500772
20	285176	500683

TREE COORDINATES		
POINT	NORTHING	EASTING
21	285035	500865
22	284138	501167
23	284170	501197
24	284173	501258
25	284163	501298
26	284187	501302
27	284207	501469
28	284190	501478
29	284202	501488
30	284190	501514
31	284560	501026
32	284796	501176
33	284973	500992
34	284718	501082
35	284812	501080
36	284877	501086
37	285239	501157
38	285205	501244
39	285114	501237
40	285083	501297

TREE COORDINATES		
POINT	NORTHING	EASTING
41	285101	501280
43	284503	501313
44	284654	501329
45	284575	501412
46	284614	501369
47	284448	501341
48	284561	501422
49	284434	501359
50	284785	501161
51	284522	501424
52	284368	501481
53	284204	501359
54	284447	501533
55	284389	501590
56	284931	501032
57	284367	501572
58	284348	501609
59	284681	501705
60	284721	501710
61	284726	501791

TREE COORDINATES		
POINT	NORTHING	EASTING
62	284737	501791
63	284758	501804
64	284784	501792
65	284635	501998
66	284588	502015
67	284584	502003
68	284576	502014
69	284699	502105
70	284513	502078
71	285121	501915
72	285153	501972
73	285139	501888
74	285079	501906
75	285148	501892
76	285089	502042
77	284886	501482
78	285123	501634
79	284867	501513
80	284828	501592
81	284821	501614

TREE COORDINATES		
POINT	NORTHING	EASTING
82	284732	501655
83	284689	501088
84	285175	501193
85	284528	501001
86	284540	501039
87	284751	501141
88	284442	501556
89	284362	501524
90	285167	501655
91	285135	501637
92	284631	501805
93	284544	502085
94	284606	502095
95	285195	501897
96	285275	501205
97	285162	501672
98	285149	501687
99	284639	502097

LEGEND

B&B	BALLED AND BURLAPPED
CONT.	CONTAINER GROWN
Ht.	HEIGHT
Cal.	CALIPER
SPV	SPECIAL PROVISIONS

* BARK MULCH RING AT BASE OF PLANT MATERIAL, SEE PLANTING DETAILS.

** PROVIDE BRACES AS SPECIFIED FOR ½ THE TOTAL QUANTITY OF TREES; LOCATIONS DETERMINED BY THE CORRIDOR VEGETATION INSPECTOR.

Addendum No. 1
ID 1005-10-77
Revised Sheet 774
November 28, 2018

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TREES AND SHRUBS PLANT DATA TABLE

Symbol	Common Name	Scientific Name	Type	Average Mature Height	Size When Planted	Root Zone Mode	Minimum Size					Brace or Guy	Fertilizer Units Required	Rodent Protection Required	Mulch Ring Required	Plant Bed Detail	Each
							Ball/Pot		Root Spread	Plant Hole							
							Diameter	Depth		Diameter	Depth						
	SHADE TREES																
BO	Oak, Bur	*Quercus macrocarpa*	1 T	60-80' Ht.	2" Cal.	B&B	24"	14"	—	8'	14"	**	4	Yes	*	—	26
SH	Hickory, Shagbark	*Carya ovata*	1 T	60-80' Ht.	2 1/2" Cal.	B&B	28"	17"	—	8'	17"	**	6	Yes	*	—	24
SM	Maple, Sugar	*Acer sachharum*	1 T	50-75' Ht.	2 1/2" Cal.	B&B	28"	17"	—	8'	17"	**	6	Yes	*	—	29
NPO	Oak, Northern Pin	*Quercus ellipsoidallis*	1 T	50-60' Ht.	2" Cal.	B&B	24"	14"	—	8'	14"	**	4	Yes	*	—	15
FMM	Maple, Freeman Marmo	*Acer x frermanil 'Marmo'*	1T	40-50' Ht.	2 1/2" Cal.	B&B	28"	17"	—	8'	17"	**	6	Yes	*	—	8
RO	Oak, Red	*Quercus rubra*	1 T	60-75' Ht.	2" Cal.	B&B	24"	14"	—	8'	14"	**	4	Yes	*	—	8
SWO	Oak, Swamp White	*Quercus bicolor*	1 T	75' Ht.	2 1/2" Cal.	B&B	28"	17"	—	8'	17"	**	7	Yes	*	—	3
	EVERGREEN TREES																
SBC	Baldcypress, Shawnee Brave	*Taxodium distichum 'Shawnee Brave'*	1 T	50' Ht.	2 1/2" Cal.	B&B	28"	17"	—	8'	17"	**	6	No	*	—	5
AP	Pine, Austrian	*Pinus nigra*	4E	50-60' Ht.	8' Ht.	B&B	27"	16"	—	8'	16"	**	4	No	*	—	22
ERC	Cedar, Eastern Red	*Juniperus virginiana*	4 E	30-40' Ht.	8' Ht.	B&B	27"	16"	—	8'	16"	**	5	No	*	—	5
	ORNAMENTAL TREES																
SMA	Ash, Snowy Mountain	*Sorbus decora*	2 T	20-30' Ht.	6' Ht.	B&B	16"	10"	—	8'	10"	**	4	Yes	*	—	9
TCH	Hawthorn, Thornless Cockspur	*Crataegus crus-galli var. inermis*	3 T	20-30' Ht.	6' Ht.	B&B	24"	14"	—	8'	14"	**	4	Yes	*	—	25
PC	Crabapple, Prairie	*Malus ioensis*	3 T	20-30' Ht.	6' Ht.	B&B	24"	14"	—	8'	14"	**	4	Yes	*	—	12
CC	Chokecherry	*Prunus virginiana*	3 T	20-30' Ht.	6' Ht.	B&B	24"	14"	—	8'	14"	**	4	Yes	*	—	10
WKH	Hawthorn, Winter King	*Crataegus viridis 'Winter King'*	3 T	20-35' Ht.	6' Ht.	B&B	24"	14"	—	8'	14"	**	4	Yes	*	—	9
DC	Crabapple, Donald Wyman	*Malus 'Donald Wyman'*	3 T	15-20' Ht.	8' Ht.	B&B	24"	14"	—	8'	14"	**	4	Yes	*	—	8
	SHRUBS																
SS	Sumac, Staghorn	*Rhus typhina*	3 S	10-15' Ht.	3' Ht./ #5	CONT	14"	9"	—	36"	15"	—	3	No	*	M,N,O,Q,R,S,Z	125
RD	Dogwood, Redtwig	*Cornus sericea*	2 S	7-9' Ht.	3' Ht./ #5	CONT	14"	9"	—	36"	15"	—	3	No	*	F,I,J,P,U,W	119
GBC	Chokeberry, Glossy Black	*Aronia melanocarpa var. elata*	3 S	5-7' Ht.	3' Ht./ #5	CONT	14"	9"	—	36"	15"	—	3	No	*	H	38
BRC	Chokeberry, Brilliant Red	*Aronia arbutifolia 'Brilliantissima'*	2 S	6-8' Ht.	3' Ht./ #5	CONT	14"	9"	—	36"	15"	—	3	No	*	B,E,K,L,V,X	113
NB	Bayberry, Northern	*Myrica pennsylvanica*	2 S	3-6' Ht.	3' Ht. / #5	CONT	14"	9"	—	36"	15"	—	3	No	*	T	16
CN	Ninebark, Common	*Physocarpus 'opulifolius*	2 S	8-10' Ht.	3' Ht./ #5	CONT	14"	9"	—	36"	15"	—	3	No	*	G,Y	35
BB	Buckeye, Bottlebrush	*Aesculus parviflora*	2 S	8-12' Ht.	3' Ht./ #5	CONT	14"	9"	—	36"	15"	—	3	No	*	A,C,D	50

Addendum No. 1
ID 1005-10-77
Revised Sheet 777
November 28, 2018

LEGEND

B&B	BALLED AND BURLAPPED
CONT.	CONTAINER GROWN
Ht.	HEIGHT
Cal.	CALIPER
SPV	SPECIAL PROVISIONS

* BARK MULCH RING AT BASE OF PLANT MATERIAL, SEE PLANTING DETAILS.

** PROVIDE BRACES AS SPECIFIED FOR ½ THE TOTAL QUANTITY OF TREES; LOCATIONS DETERMINED BY THE CORRIDOR VEGETATION INSPECTOR.

2

TREE COORDINATES		
POINT	NORTHING	EASTING
1	288857	498084
2	288851	498101
3	288822	498108
4	289015	498244
5	289066	498250
6	289075	498226
7	289142	498281
8	289123	498267
9	289043	498422
10	289065	498424
11	289088	498430
12	289095	498448
13	289253	498330
14	289205	498317
15	289198	498289
16	289287	498216
17	289218	498267
18	289304	498249
19	289361	498311
20	289430	498290
21	289416	498427
22	289346	498445
23	289352	498424
24	289402	498433
25	289380	498416
26	289790	498142
27	289865	498140
28	289804	498152
29	289836	498151
30	288598	498109

TREE COORDINATES		
POINT	NORTHING	EASTING
31	288644	498143
32	269355	504218
33	269332	504197
34	269351	504194
35	269362	504190
36	269316	504174
37	269299	504134
38	269380	504102
39	269406	504007
40	269414	503974
41	269421	503992
42	269411	503959
43	269338	503927
44	269313	503938
45	269285	503914
46	269298	503891
47	269269	503895
48	269235	503965
49	269249	504004
50	269253	504015
51	269263	504037
52	269096	503915
53	269105	503894
54	269133	503897
55	269266	503702
56	269306	503701
57	269780	503694
58	269841	503693
59	269856	503685
60	269856	503705

TREE COORDINATES		
POINT	NORTHING	EASTING
61	269969	503702
62	269997	503688
63	270009	503681
64	269994	503700
65	270024	503702
66	270049	503695
67	269953	503950
68	270013	503949
69	270020	503932
70	270070	503931
71	269979	503940
72	270009	503939
73	270078	503954
74	270113	503951
75	270081	503940
76	271116	503672
77	271179	503677
78	271125	503694
79	271170	503694
80	271224	503626
81	271282	503666
82	271213	503667
83	273190	503883
84	273290	503857
85	273314	503854
86	273347	503876
87	273219	503895
88	273250	503895
89	273334	503891
90	273374	503872

TREE COORDINATES		
POINT	NORTHING	EASTING
91	273193	503898
92	273232	503872
93	273329	503862
94	273344	503852
95	273357	503864
96	273378	503842
97	274096	503841
98	274141	503841
99	274269	503640
100	274344	503643
101	274276	503657
102	274309	503656
103	274348	503840
104	274392	503835
105	274350	503851
106	274377	503864
107	275374	503619
108	275434	503619
109	275411	503643
110	275441	503643
111	275540	503634
112	275576	503633
113	275367	503828
114	275421	503832
115	275400	503815
116	275432	503820
117	275523	503814
118	275549	503816
119	275552	503835
120	267234	503933

TREE COORDINATES		
POINT	NORTHING	EASTING
121	267284	503931
122	267294	503949
123	267336	503936
124	267242	503945
125	267278	503936
126	277305	503826
127	277421	503825
128	277376	503822
129	277430	503810
130	277458	503813
131	277460	503830
132	277812	503580
133	277876	503579
134	290319	497861
135	290346	497846
136	290381	497858
137	290410	497849
138	290464	497851
139	290444	497845
140	290414	497867
141	292385	498023
142	292454	498027
143	292485	498031
144	292612	498030
145	292793	498046
146	292898	498059
147	292910	498032
148	292966	498062
149	293031	498062
150	293197	498068

TREE COORDINATES		
POINT	NORTHING	EASTING
151	293299	498062
152	293239	498066
153	293436	498074
154	293570	498055
155	293622	498078
156	293686	498053
157	293943	498075
158	294113	498054
159	294192	498075
160	294298	498078
161	294395	498053
162	294622	498081
163	294675	498058
164	294722	498080
165	294807	498077
166	294894	498080
167	294938	498078
168	295056	498067
169	295205	498068
170	295353	498070
171	295477	498073
172	295749	498076

Addendum No. 1
ID 1005-10-77
Revised Sheet 778
November 28, 2018

2

N

LILAC LANE

EAST 39 90 MILE 173 .2

SIGN REMOVED IN 1005-10-76 (PREVIOUS PROJECT)

SIGN REMOVED IN 1005-10-76 (PREVIOUS PROJECT)

EMERGENCY STOPPING ONLY

IR-01

Beloit	17
Rockford	40
Chicago	109

MATCH LINE STA. 888+00

SB IH 39/90

874+00'SB' 876+00'SB' 878+00'SB' 880+00'SB' 882+00'SB' 884+00'SB' 886+00'SB' 888+

874+00 876+00 878+00 880+00 882+00 884+00 886+00 888

NB IH 39/90

WEST 39 90 MILE 173 .2

SIGN REMOVED IN 1005-10-76 (PREVIOUS PROJECT)

SIGN REMOVED IN 1005-10-76 (PREVIOUS PROJECT)

WEST 39 90 MILE 173 .0

SIGN REMOVED IN 1005-10-76 (PREVIOUS PROJECT)

EAST 39 90 MILE 173 .0

GREEN VALLEY DRIVE

Addendum No. 1
ID 1005-10-77
Revised Sheet 812
November 28, 2018

WEST 14 SOUTH 26
CLEARANCE
14'-3" MAX

SIGN REMOVED IN 1005-10-76 (PREVIOUS PROJECT)

LODGING - EXIT 171A
Super 8 Motel 6
Econo Lodge Hampton Inn
Ramada

SIGN REMOVED IN 1005-10-76 (PREVIOUS PROJECT)

SIGN REMOVED IN 1005-10-76 (PREVIOUS PROJECT)

FOOD - EXIT 171A
Burger King Perkin's
Arby's Pizza Hut
KFC Cracker Barrel

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
	EXISTING SIGN MOUNTED ON POSTS (TYPE I)
XR-XX	DENOTES SIGN TO BE REMOVED
XM-XX	DENOTES SIGN TO BE MOVED
ESTR	EXISTING SIGN TO REMAIN

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 812	E

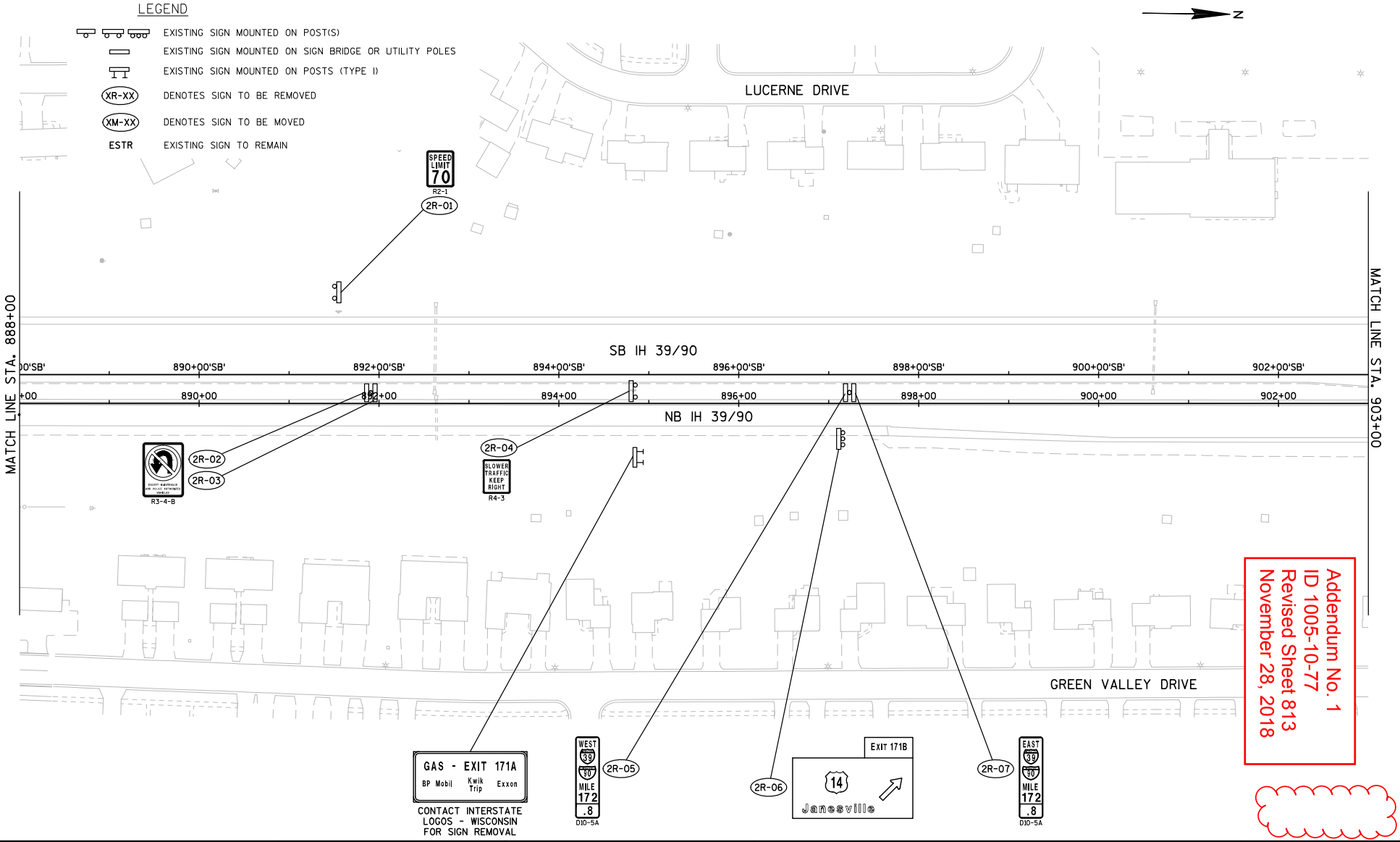
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
- EXISTING SIGN MOUNTED ON POSTS (TYPE I)
- XR-XX DENOTES SIGN TO BE REMOVED
- XM-XX DENOTES SIGN TO BE MOVED
- ESTR EXISTING SIGN TO REMAIN



Addendum No. 1
ID 1005-10-77
Revised Sheet 813
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 813	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES

EXISTING SIGN MOUNTED ON POSTS (TYPE I)

XR-XX DENOTES SIGN TO BE REMOVED

XM-XX DENOTES SIGN TO BE MOVED

ESTR EXISTING SIGN TO REMAIN

Addendum No. 1
ID 1005-10-77
Revised Sheet 814
November 28, 2018

MATCH LINE STA. 903+00

MATCH LINE STA. 918+00'HCA'

MATCH LINE STA. 918+00

MATCH LINE STA. 918+00'HBA'

CAROUSEL LANE

SB IH 39/90

NB IH 39/90

RAMP 'HC'

RAMP 'HB'

GREEN VALLEY DRIVE

904+00'SB' 906+00'SB' 908+00'SB' 910+00'SB' 912+00'SB' 914+00'SB' 916+00'SB' 918+

904+00 906+00 908+00 910+00 912+00 914+00 916+00 918

914'HCA' 915'HCA'

913'HBA' 914'HBA' 916'HBA'

3R-01 3R-02 3R-03 3R-04 3R-05 3R-06 3R-07 3R-08 3R-09 3R-10 3R-11 3R-12 3R-13 3R-14 3R-15 3R-16 3R-17 3R-18 3M-01

J4-2 D10-5A D10-5A J2-1 J3-1 R7-64 W3-3 J2-3 W1-8 W4-1R

SOUTH EAST ALTERNATE 39 ALTERNATE 90

WEST 39 90 MILE 172 .6

EAST 39 90 MILE 172 .6

ALTERNATE 39

NO PARKING ON RAMP

EXIT 171B SOUTH 14 26 Janesville

EXIT 171 B

WEST EAST SOUTH 14 14 26

CONTACT INTERSTATE LOGOS - WISCONSIN FOR SIGN REMOVAL

FOOD
MCDONALD'S 0.3 TACO BELL 0.3 OLIVE GARDEN 0.4
HARDEE'S 0.5 RED ROBIN 0.6 FAZOLI'S 0.7

Ft. Atkinson
EXIT 171A

FOOD
FUDD-RUCKER'S 0.3
SUBWAY 0.4 STAR BUCK'S 0.4 IHOP 0.4

GAS
TA MOBIL 0.3

LODGING
MICROTEL 0.4

ONLY ONLY ONLY ONLY

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 814	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
- EXISTING SIGN MOUNTED ON POSTS (TYPE I)
- XR-XX DENOTES SIGN TO BE REMOVED
- XM-XX DENOTES SIGN TO BE MOVED
- ESTR EXISTING SIGN TO REMAIN

N

4R-01
4R-02
4R-03
W1-8
4M-01
NO PARKING ON RAMP
R7-64
4M-02
PEDESTRIANS BICYCLES NON MOTORIZED TRAFFIC MOTOR BICYCLES PROHIBITED
R5-57
4M-03
R1-2
4M-04
R1-1F
4M-05
ONE WAY
R6-2-R
4M-06
DO NOT ENTER
R5-1
4M-07
R1-1F
DIVIDED HIGHWAY
R6-3
4M-08
Humes Rd
M1-94
4M-09
R1-1F
30"X30"
4M-10
W12-1D
4M-11
4M-12
WRONG WAY
R5-1A
4M-13
R1-1F
DIVIDED HIGHWAY
R6-3
4M-14
DO NOT ENTER
R5-1
4M-15
R1-1F
R3-1
4M-16
ONE WAY
R6-2-L
4M-17
NORTH WEST
39 90
J2-2
4M-18
R1-1F
4M-19
R4-7
R3-4
4M-20
ONE WAY
R6-2-L

RAMP 'HC'
921'HCA'
924'HCA'
926'HCA'
928'HDA'
RAMP 'HD'
'HDA'
914'HCA'
915'HCA'
'HCA'

MATCH LINE STA. 918+00'HCA'
FOR ADDITIONAL SIGN REMOVALS
SEE MAINLINE SHEET 3

MATCH LINE STA. 927+50'HDA'
FOR ADDITIONAL SIGN REMOVALS
SEE MAINLINE SHEET 6

EB USH 14
WB USH 14

SB IH 39/90
914+00'SB'
916+00'SB'
918+00'SB'
920+00'SB'
922+00'SB'
924+00'SB'
926+00'SB'

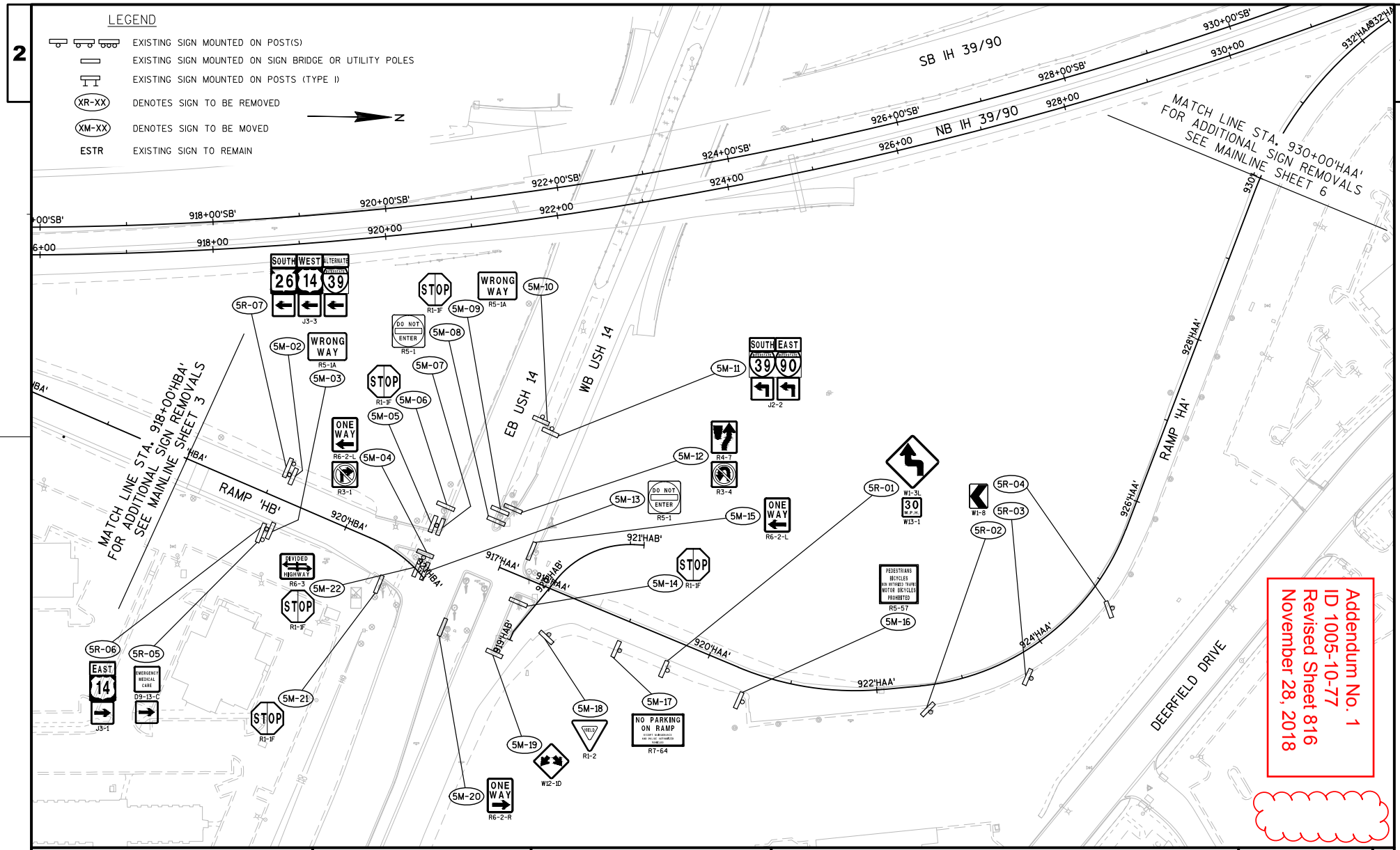
NB IH 39/90
914+00
916+00
918+00
920+00
922+00
924+00
926+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 815
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 815	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42



Addendum No. 1
ID 1005-10-77
Revised Sheet 816
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 816	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES

EXISTING SIGN MOUNTED ON POSTS (TYPE I)

XR-XX DENOTES SIGN TO BE REMOVED

XM-XX DENOTES SIGN TO BE MOVED

ESTR EXISTING SIGN TO REMAIN

RAMP 'HC'

921'HCA'

924'HCA'

926'HCA'

929'HDA'

928'HDA'

930'HDA'

932'HDA'

RAMP 'HD'

MATCH LINE STA. 927+50 'HDA'
FOR ADDITIONAL SIGN REMOVALS
SEE MAINLINE SHEET 4

WEST 14

J3-1

6R-10

CONTACT INTERSTATE LOGOS - WISCONSIN FOR SIGN REMOVAL

FOOD

MCDONALD'S 0.3 TACO BELL 0.3 RED ROBIN 0.6

PAZOLI'S 0.7 MEJID'S 0.7

CONTACT INTERSTATE LOGOS - WISCONSIN FOR SIGN REMOVAL

GAS

TA MOBIL 0.3

LODGING

MICROTEL 0.4

CONTACT INTERSTATE LOGOS - WISCONSIN FOR SIGN REMOVAL

FOOD

FUDD-BUCKER'S 0.3

SUBWAY 0.4 STAR BUCK'S 0.4 DROP 0.4

ONLY ONLY ONLY ONLY

6R-15 6R-16

EAST 39 90 MILE 172 .4 D10-5A

6R-01

MATCH LINE STA. 918+00

0'SB'

920+00'SB'

920+00

922+00'SB'

922+00

924+00'SB'

924+00

926+00'SB'

926+00

928+00'SB'

928+00

930+00'SB'

930+00

932+00'SB'

932+00

932'HAA

932'HAA

MATCH LINE STA. 933+00

EB USH 14

WB USH 14

W5-52R

6R-08

6R-07

6R-09

EAST ALTERNATE 14 39

J3-2

SB IH 39/90

NB IH 39/90

6R-02

WEST 39 90 MILE 172 .4 D10-5A

6R-03

6R-04

W5-52R

REMOVE SIGN BRIDGE
(PAID FOR AS 'REMOVING
OLD STRUCTURE'
STA. 924+79 LT/RT)

6R-05

WEST 90 Madison

6R-06

EXIT 171 A

26 NORTH

Milton

1/2 MILE

6R-11

WEST 39 90 MILE 172 .2 D10-5A

6R-12

EAST 39 90 MILE 172 .2 D10-5A

6R-13

W4-3R

W1-6

6R-14

MATCH LINE STA. 930+00 'HAA'
FOR ADDITIONAL SIGN REMOVALS
SEE MAINLINE SHEET 5

RAMP 'HA'

928'HAA'

RAMP 'HB'

920'HBA'

921'HB

917'HA

N

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 817
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 817	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
- EXISTING SIGN MOUNTED ON POSTS (TYPE I)
- XR-XX DENOTES SIGN TO BE REMOVED
- XM-XX DENOTES SIGN TO BE MOVED
- ESTR EXISTING SIGN TO REMAIN

N. PONTIAC DRIVE

EXIT 171 B 14 — 7R-05

EAST 14 WEST 14 — J2-2 — 7R-02

EXIT 171 B — 7R-01

W3-3 — 7R-03

NO PARKING ON RAMP — R7-64 — 7M-01

WEST 39 90 MILE 172 .0 — D10-5A — 7R-04

EAST 39 90 MILE 172 .0 — D10-5A — 7R-06

EAST 14 CLEARANCE 14'-3" MAX — 7R-07

RIGHT LANE FOR EXIT ONLY — 7R-08

MATCH LINE STA. 933+00

934+00'SB' 934+00 936+00'SB' 936+00 938+00'SB' 938+00 940+00'SB' 940+00 942+00'SB' 942+00 944+00'SB' 944+00 946+00'SB' 946+00

SB IH 39/90

NB IH 39/90

MATCH LINE STA. 947+00

REMOVE SIGN BRIDGE (PAID FOR AS 'REMOVING OLD STRUCTURE' STA. 938+38 RT)

EXIT 171 A 26 Milton 1/3 MILE EXIT ONLY — 7R-09

ALTERNATE 39 — J3-1 — 7R-10

DEERFIELD DRIVE

EMERGENCY STOPPING ONLY — R8-7 — 7R-11

7R-12

RIGHT LANE MUST EXIT — R3-33-R — 7R-13

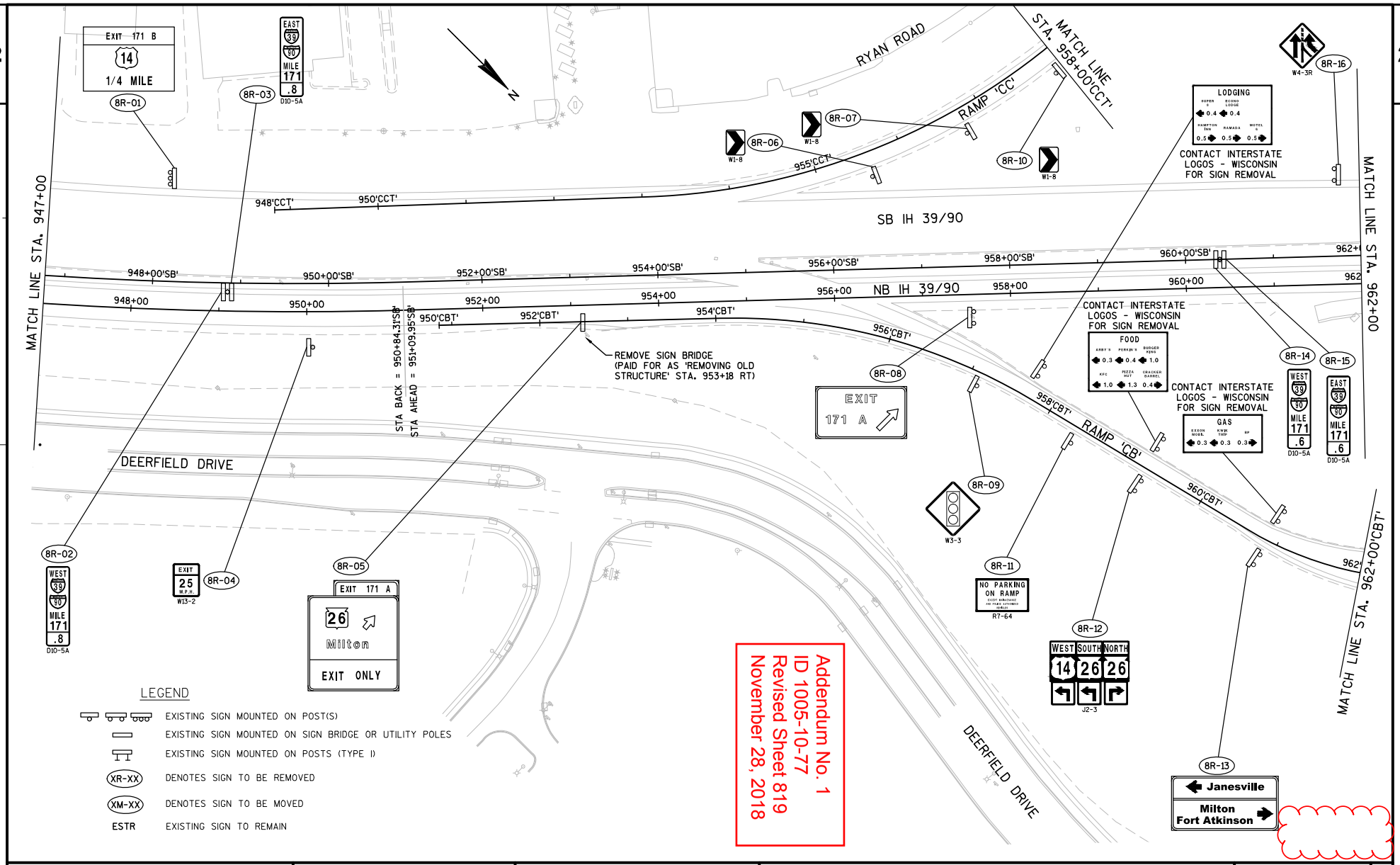
Addendum No. 1
ID 1005-10-77
Revised Sheet 818
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 818	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

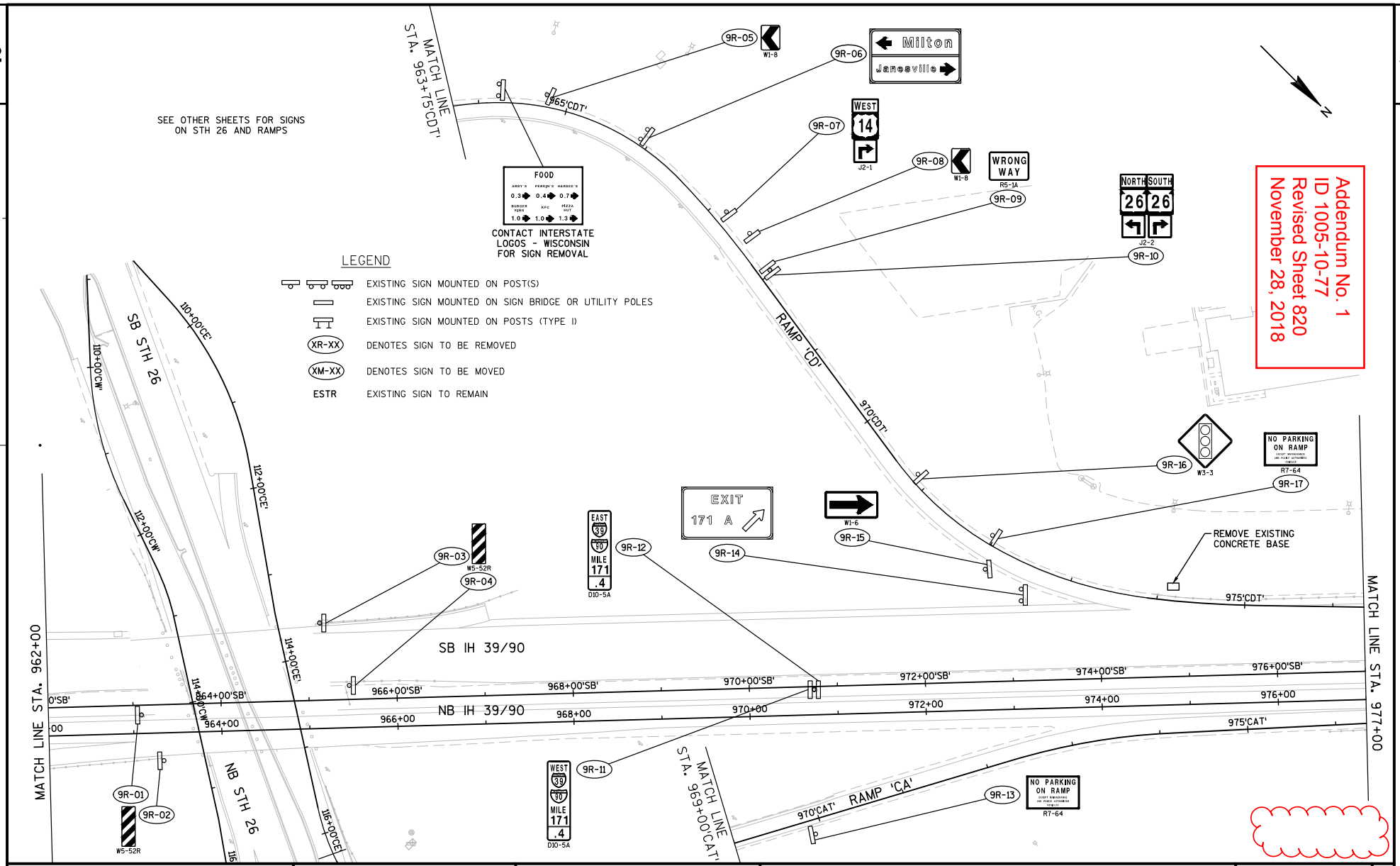
WISDOT/CADDS SHEET 42



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 819	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 820	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)
EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
EXISTING SIGN MOUNTED ON POSTS (TYPE I)
XR-XX DENOTES SIGN TO BE REMOVED
XM-XX DENOTES SIGN TO BE MOVED
ESTR EXISTING SIGN TO REMAIN

EXIT 171 A
26
10R-01

EXIT
25
M.P.H.
W13-2
10R-02

EXIT 171 B
14
3/4 MILE
10R-05

GAS-EXIT 171B
TA
MOBIL
LODGING-EXIT 171B
HOLIDAY INN EXPRESS
MICROTEL BY WYNDHAM
DIESEL-CAMPING
CONTACT INTERSTATE LOGOS - WISCONSIN FOR SIGN REMOVAL

EAST 39 90 MILE 171 .0 D10-5A
10R-08

WSOR

MATCH LINE STA. 977+00

MATCH LINE STA. 992+00

978'CDT'

SB IH 39/90

978+00'SB' 980+00'SB' 982+00'SB' 984+00'SB' 986+00'SB' 988+00'SB' 990+00'SB' 992+0

978+00 980+00 982+00 984+00 986+00 988+00 990+00 992

980'CAT' 983'CAT'

NB IH 39/90

NORTH WEST
39 90
J4-2
10R-06

10R-03
WEST 39 90 MILE 171 .2 D10-5A

10R-04
EAST 39 90 MILE 171 .2 D10-5A

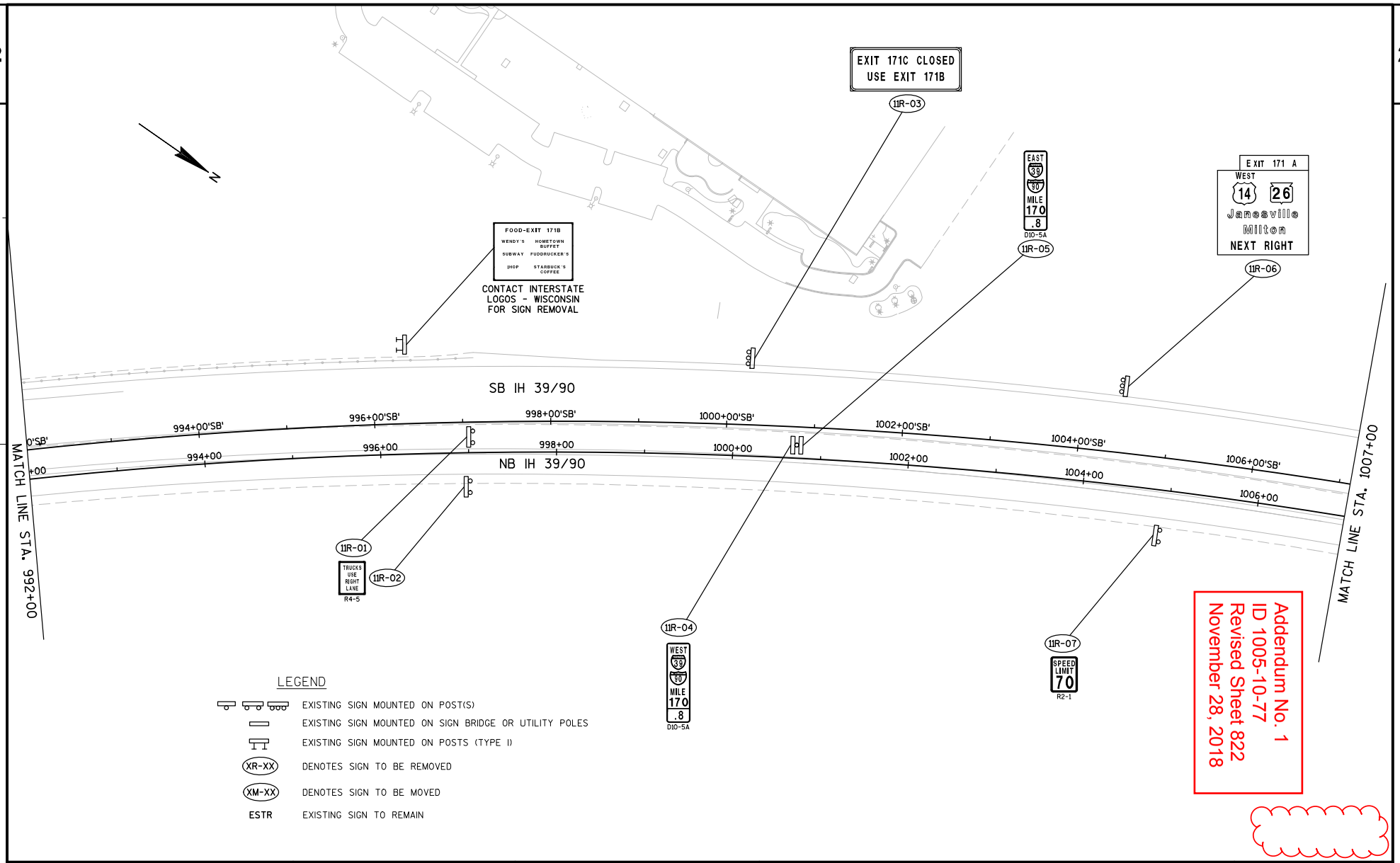
10R-07
WEST 39 90 MILE 171 .0 D10-5A

Addendum No. 1
ID 1005-10-77
Revised Sheet 821
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 821	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42



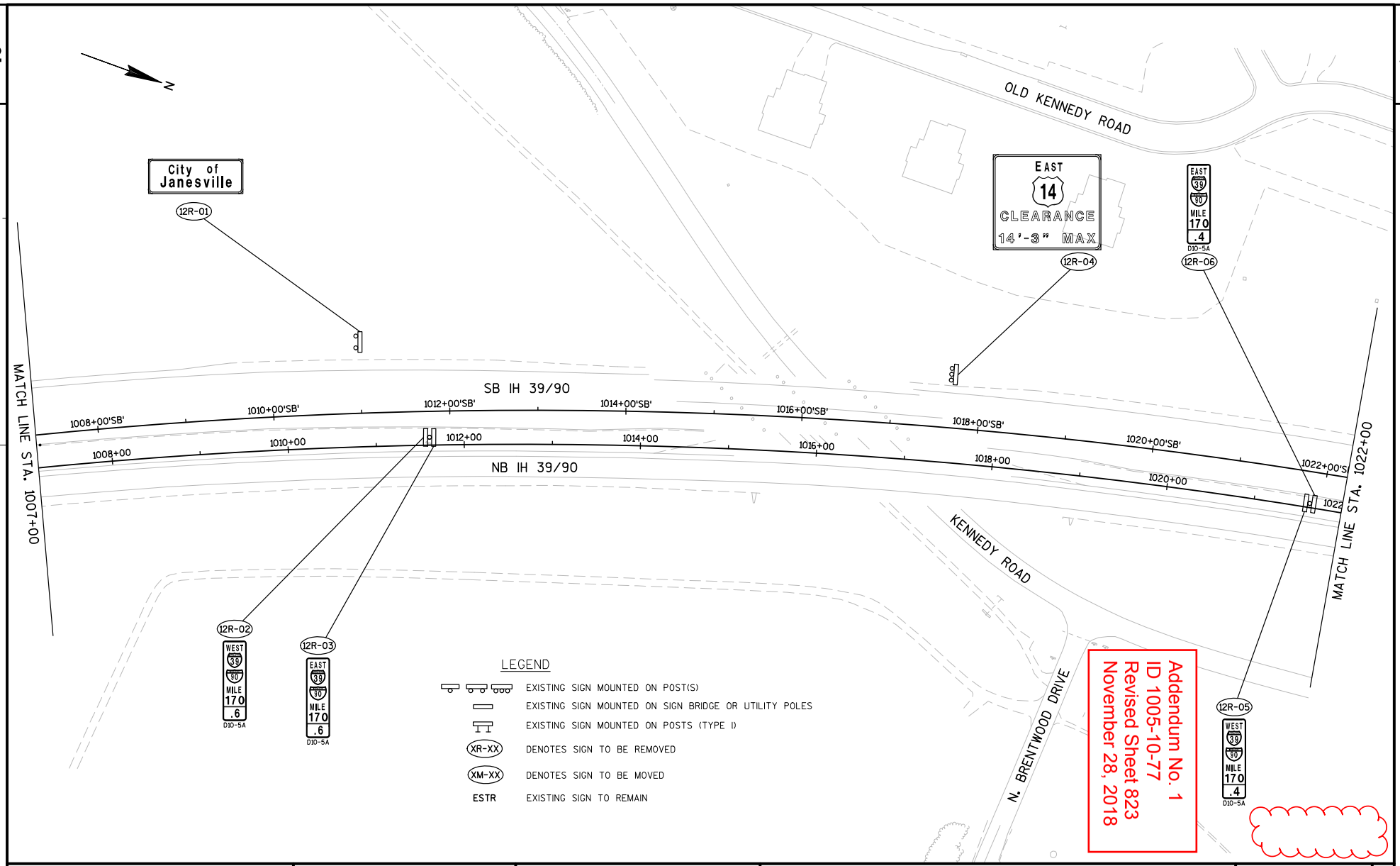
Addendum No. 1
ID 1005-10-77
Revised Sheet 822
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 822	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2



Addendum No. 1
ID 1005-10-77
Revised Sheet 823
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 823	E

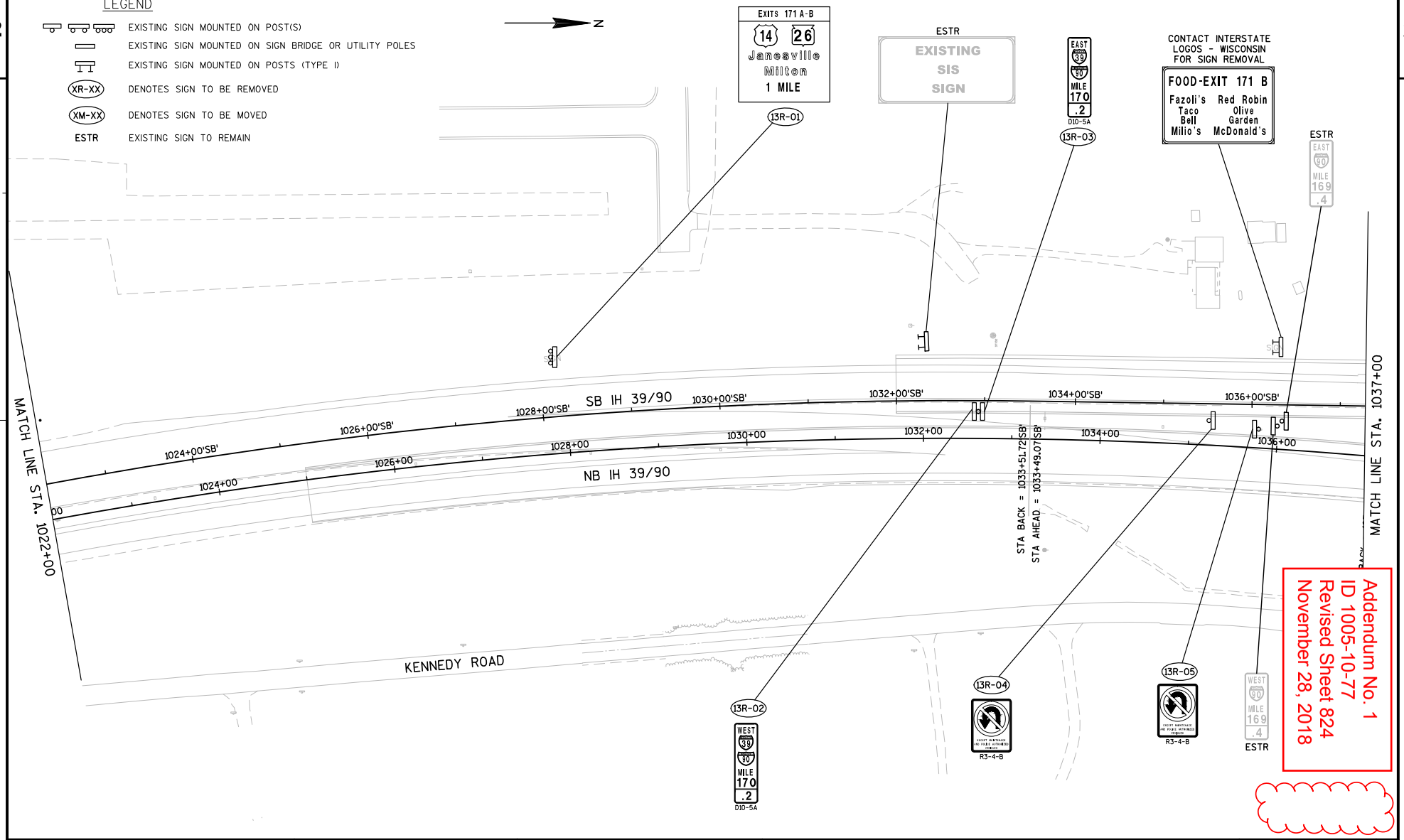
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

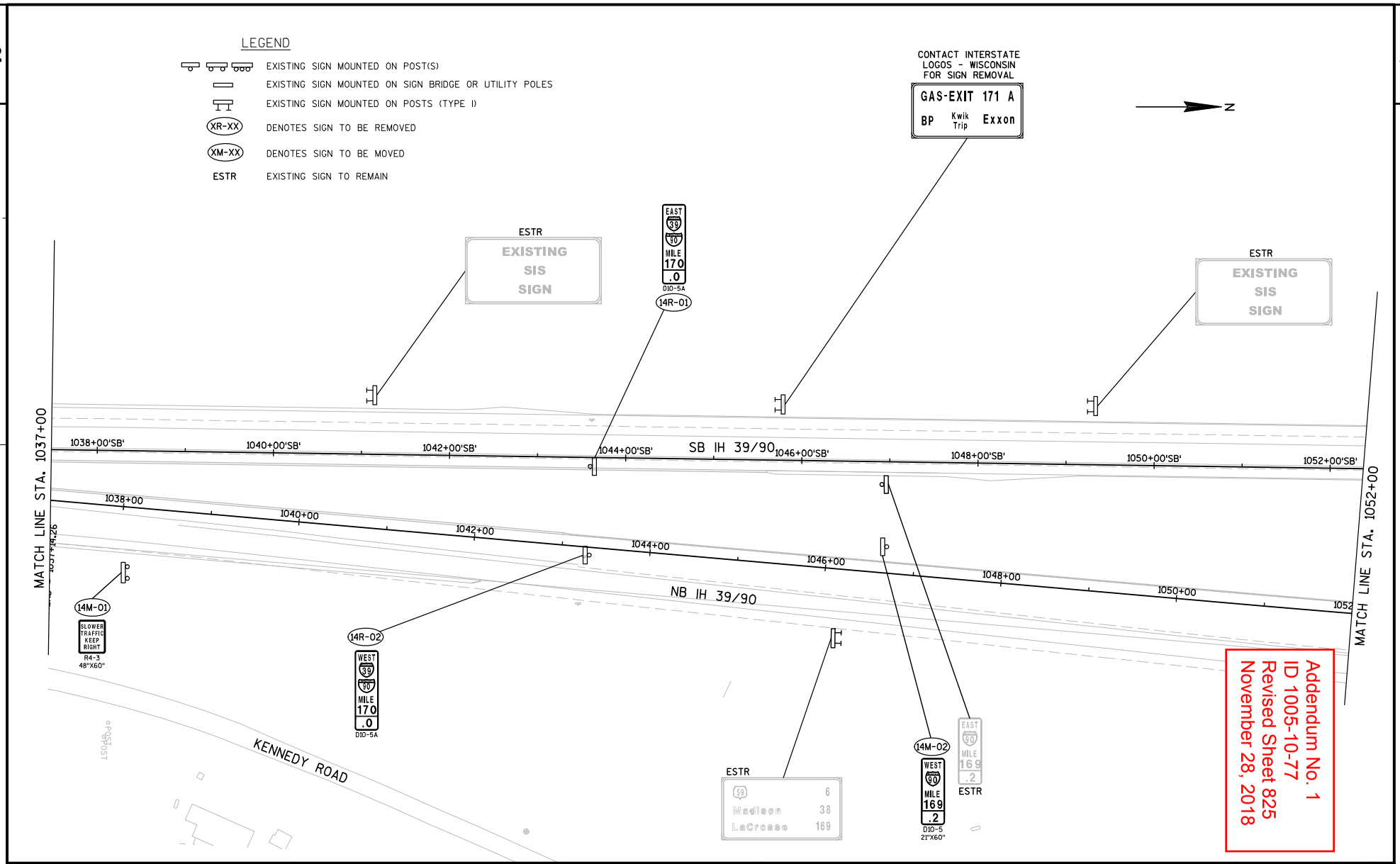
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
- EXISTING SIGN MOUNTED ON POSTS (TYPE I)
- XR-XX DENOTES SIGN TO BE REMOVED
- XM-XX DENOTES SIGN TO BE MOVED
- ESTR EXISTING SIGN TO REMAIN



Addendum No. 1
ID 1005-10-77
Revised Sheet 824
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 824	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 825	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES

EXISTING SIGN MOUNTED ON POSTS (TYPE I)

XR-XX DENOTES SIGN TO BE REMOVED

XM-XX DENOTES SIGN TO BE MOVED

ESTR EXISTING SIGN TO REMAIN

N

ESTR

Downtown Janesville EXIT 171A

ESTR

EMERGENCY MEDICAL CARE EXIT 171A

MATCH LINE STA. 1052+00

1054+00'SB' 1056+00'SB' 1058+00'SB' SB IH 39/90 1060+00'SB' 1062+00'SB' 1064+00'SB' 1066+00'SB'

+00 1054+00 1056+00 1058+00 1060+00 1062+00 1064+00 1066+00

NB IH 39/90

MATCH LINE STA. 1067+00

EAST 90 MILE 169 .0

ESTR

EMERGENCY STOPPING ONLY

ESTR

19M-01

WEST 90 MILE 169 .0

D10-5 21"X60"

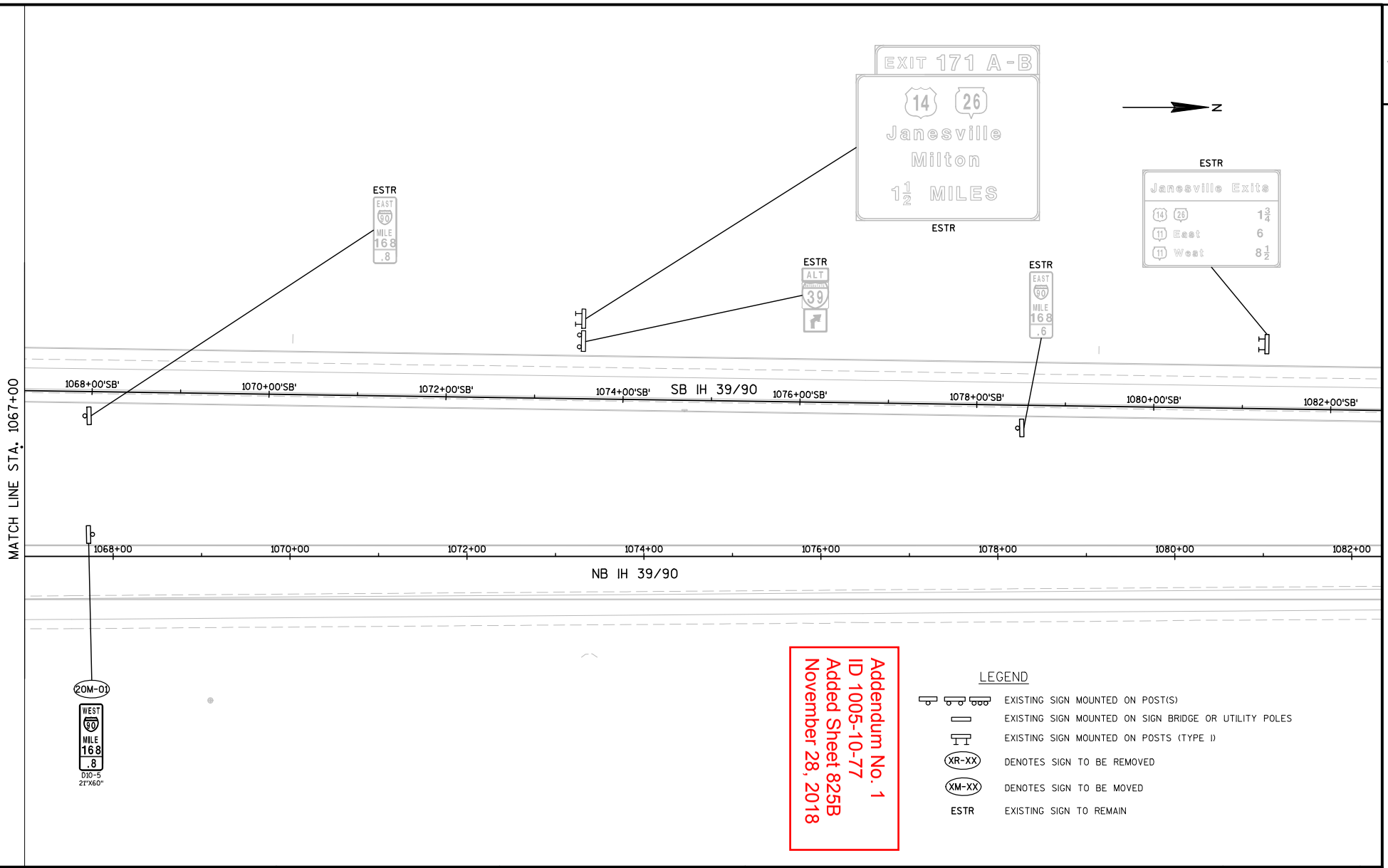
Addendum No. 1
ID 1005-10-77
Added Sheet 825A
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 825A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 825B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

2

GENERAL NOTE:
SEPARATE AND STOCKPILE ALL FOLDING STOP SIGNS, STREET NAME SIGNS AND ANY SIGNS WITH A CITY OF JANESVILLE IDENTIFIER FOR PICK UP BY THE CITY OF JANESVILLE.

WB USH 14
EB USH 14
SB STH 26
NB STH 26
MORSE STREET
RYAN RD.
MATCH LINE STA. 102+00'CE'

95+00'CW' 96+00'CW' 98+00'CW' 100+00'CW' 102+0
95+00'CE' 96+00'CE' 98+00'CE' 100+00'CE' 102+0

15R-01 15R-02 15R-03 15R-04 15R-05 15R-06 15R-07 15R-08 15R-09 15R-10 15R-11 15R-12 15R-13 15R-14 15R-15 15R-16 15R-17 15R-18 15R-19 15R-20 15R-21 15R-22 15R-23 15R-24 15R-25 15R-26 15R-27 15R-28 15R-29 15R-30
15M-21 15M-22

Milton Ave.
Morse St.

FOR SIGN REMOVALS ON USH 14/HUMES ROAD SEE PROJECTS 5569-00-71 & 1005-10-87

REMOVE STOP SIGN ON RYAN ROAD AT MORSE ST.

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
XR-XX	DENOTES SIGN TO BE REMOVED
XM-XX	DENOTES SIGN TO BE MOVED
ESTR	EXISTING SIGN TO REMAIN

NORTH WEST	SOUTH EAST
39 90	39 90
KEEP LEFT	KEEP RIGHT

Addendum No. 1
ID 1005-10-77
Revised Sheet 826
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 826	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

GENERAL NOTE:
SEPARATE AND STOCKPILE ALL FOLDING STOP SIGNS, STREET NAME SIGNS AND ANY SIGNS WITH A CITY OF JANESVILLE IDENTIFIER FOR PICK UP BY THE CITY OF JANESVILLE.

PARKING REGULATIONS YEAR ROUND LIMITED TO 24 HOURS SNOW EMERGENCY NO ON STREET PARKING PERMITTED

CONTACT INTERSTATE LOGOS - WISCONSIN FOR SIGN REMOVAL

GAS: BP, EXXON MOBIL, KWIK TRIP — 0.3 0.3 0.3

LODGING: HAMPTON INN, RAMADA, MOTEL 6 — 0.5 0.5 0.5

MATCH LINE STA. 963+75'CDT'

MATCH LINE STA. 102+00'CE'

MATCH LINE STA. 116+00'CE'

MATCH LINE STA. 958+00'CCT'

SB STH 26

NB STH 26

RYAN RD

RAMP 'CD'

RAMP 'CC'

SB IH 39/90

NB IH 39/90

LEGEND

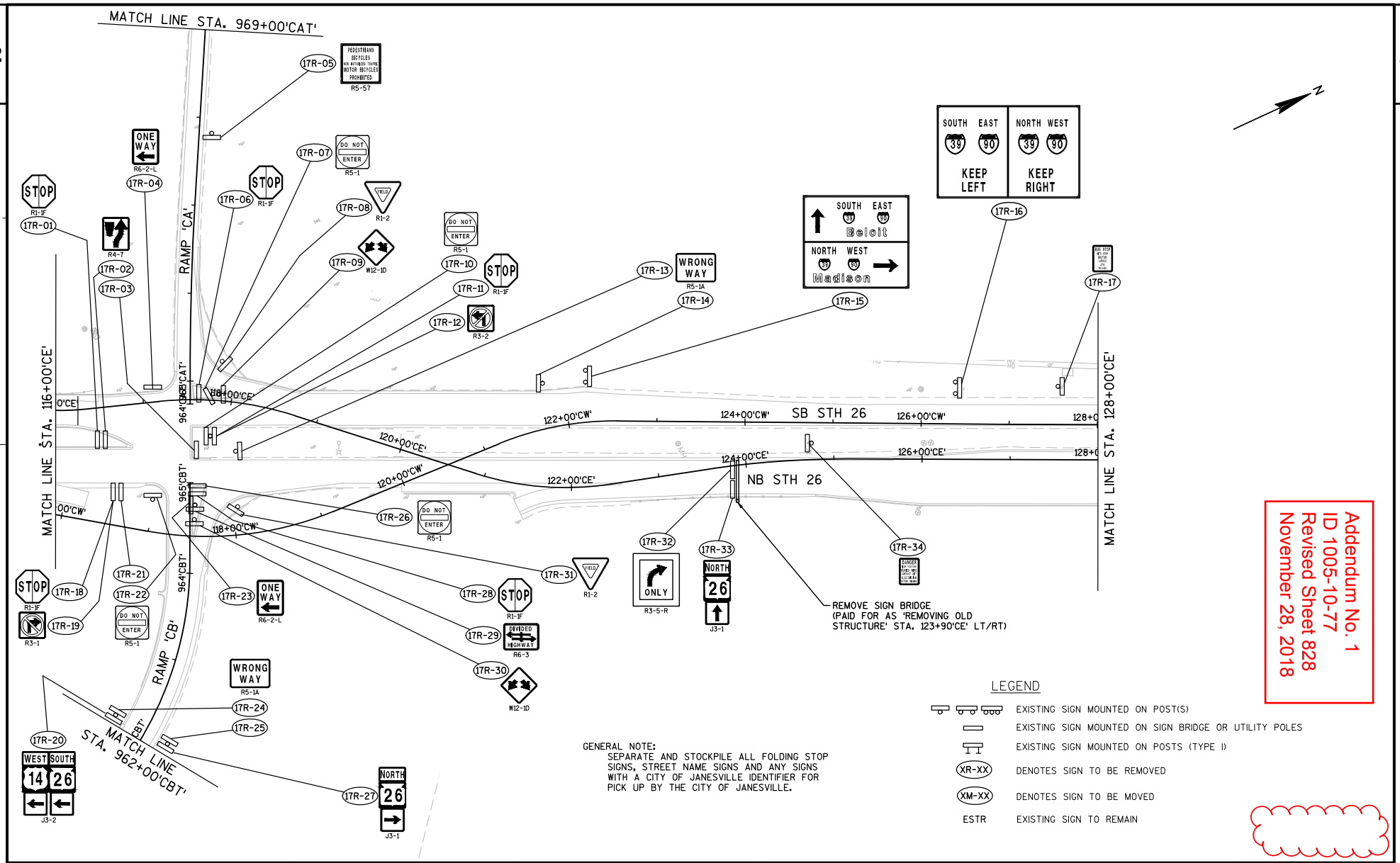
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
- EXISTING SIGN MOUNTED ON POSTS (TYPE I)
- XR-XX DENOTES SIGN TO BE REMOVED
- XM-XX DENOTES SIGN TO BE MOVED
- ESTR EXISTING SIGN TO REMAIN

Addendum No. 1
ID 1005-10-77
Revised Sheet 827
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 827	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42



GENERAL NOTE:
SEPARATE AND STOCKPILE ALL FOLDING STOP SIGNS, STREET NAME SIGNS AND ANY SIGNS WITH A CITY OF JANESVILLE IDENTIFIER FOR PICK UP BY THE CITY OF JANESVILLE.

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON SIGN BRIDGE OR UTILITY POLES
	EXISTING SIGN MOUNTED ON POSTS (TYPE I)
XR-XX	DENOTES SIGN TO BE REMOVED
XM-XX	DENOTES SIGN TO BE MOVED
ESTR	EXISTING SIGN TO REMAIN

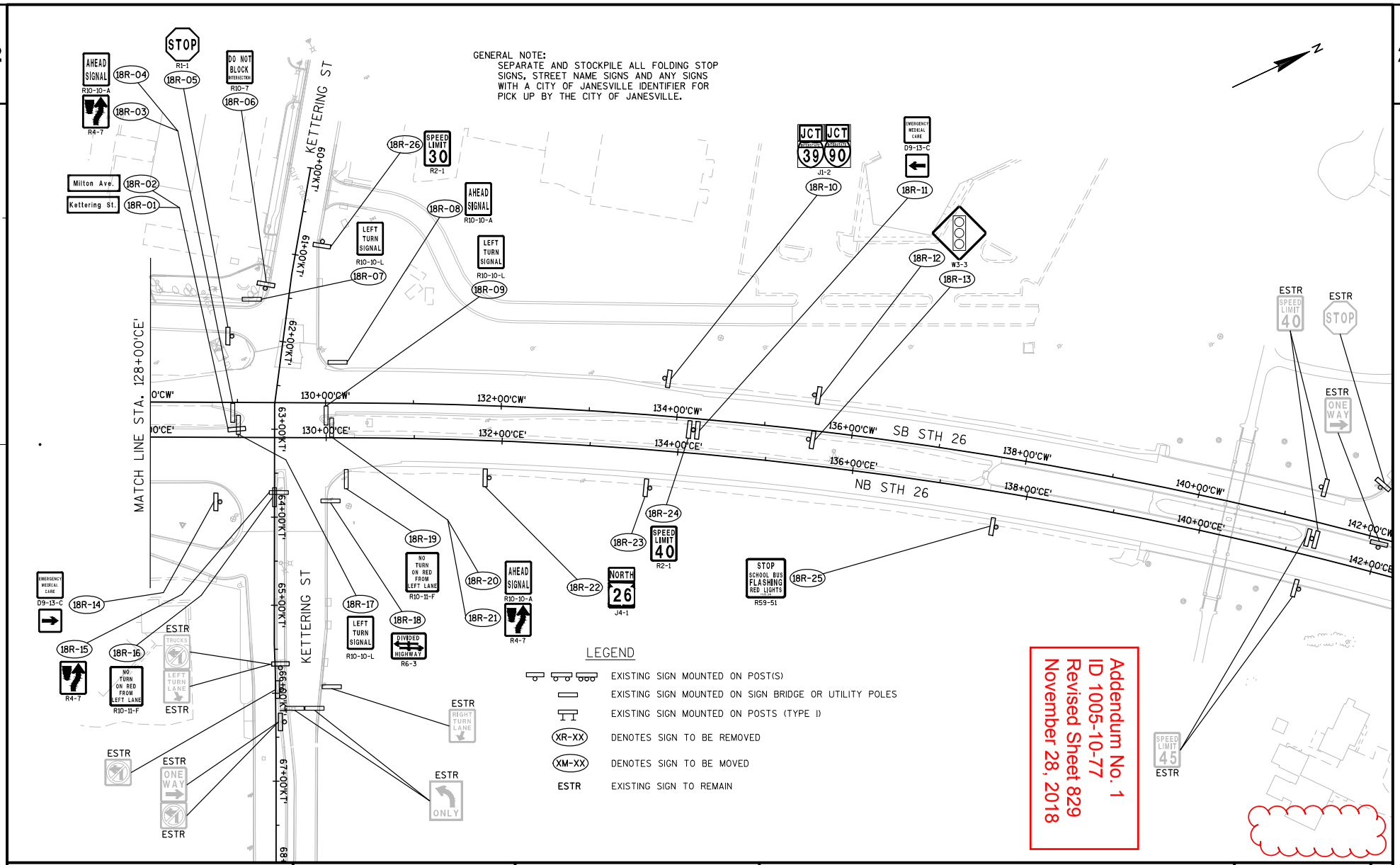
Addendum No. 1
ID 1005-10-77
Revised Sheet 828
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 828	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF

WISDOT/CADDS SHEET 42

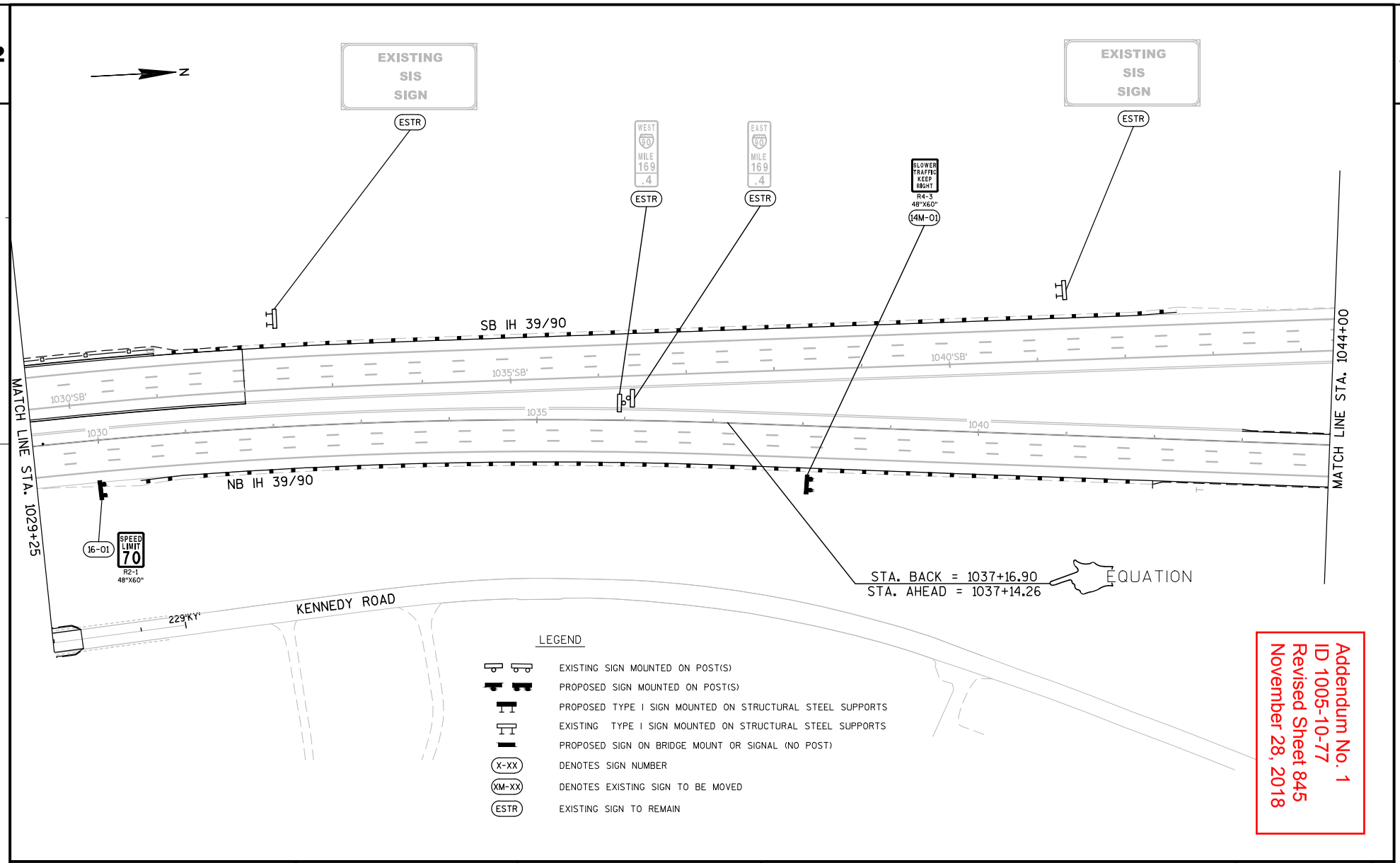
GENERAL NOTE:
SEPARATE AND STOCKPILE ALL FOLDING STOP SIGNS, STREET NAME SIGNS AND ANY SIGNS WITH A CITY OF JANESVILLE IDENTIFIER FOR PICK UP BY THE CITY OF JANESVILLE.



Addendum No. 1
ID 1005-10-77
Revised Sheet 829
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	SIGNING REMOVALS	SHEET 829	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS - REMOVALS.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1IN:100_XREF



Addendum No. 1
ID 1005-10-77
Revised Sheet 845
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PERMANENT SIGNING: IH 39/90	SHEET 845	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Added Sheet 845A
November 28, 2018

N

EXISTING
SIS
SIGN

ESTR

Downtown
Janesville
EXIT 171A

ESTR

SB IH 39/90

1045'SB'

1050'SB'

1055'SB'

MATCH LINE STA. 1044+00

MATCH LINE STA. 1059+00

1045

1050

1055

NB IH 39/90

ESTR

59
Madison 6
LaCrosse 38
169

14M-02

WEST
90
MILE
169
.2

D10-5
21"X60"

ESTR

EAST
90
MILE
169
.2

ESTR

EAST
90
MILE
169
.0

19M-01

WEST
90
MILE
169
.0

D10-5
21"X60"

ESTR

EMERGENCY
STOPPING
ONLY

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED TYPE I SIGN MOUNTED ON STRUCTURAL STEEL SUPPORTS

EXISTING TYPE I SIGN MOUNTED ON STRUCTURAL STEEL SUPPORTS

PROPOSED SIGN ON BRIDGE MOUNT OR SIGNAL (NO POST)

X-XX DENOTES SIGN NUMBER

XM-XX DENOTES EXISTING SIGN TO BE MOVED

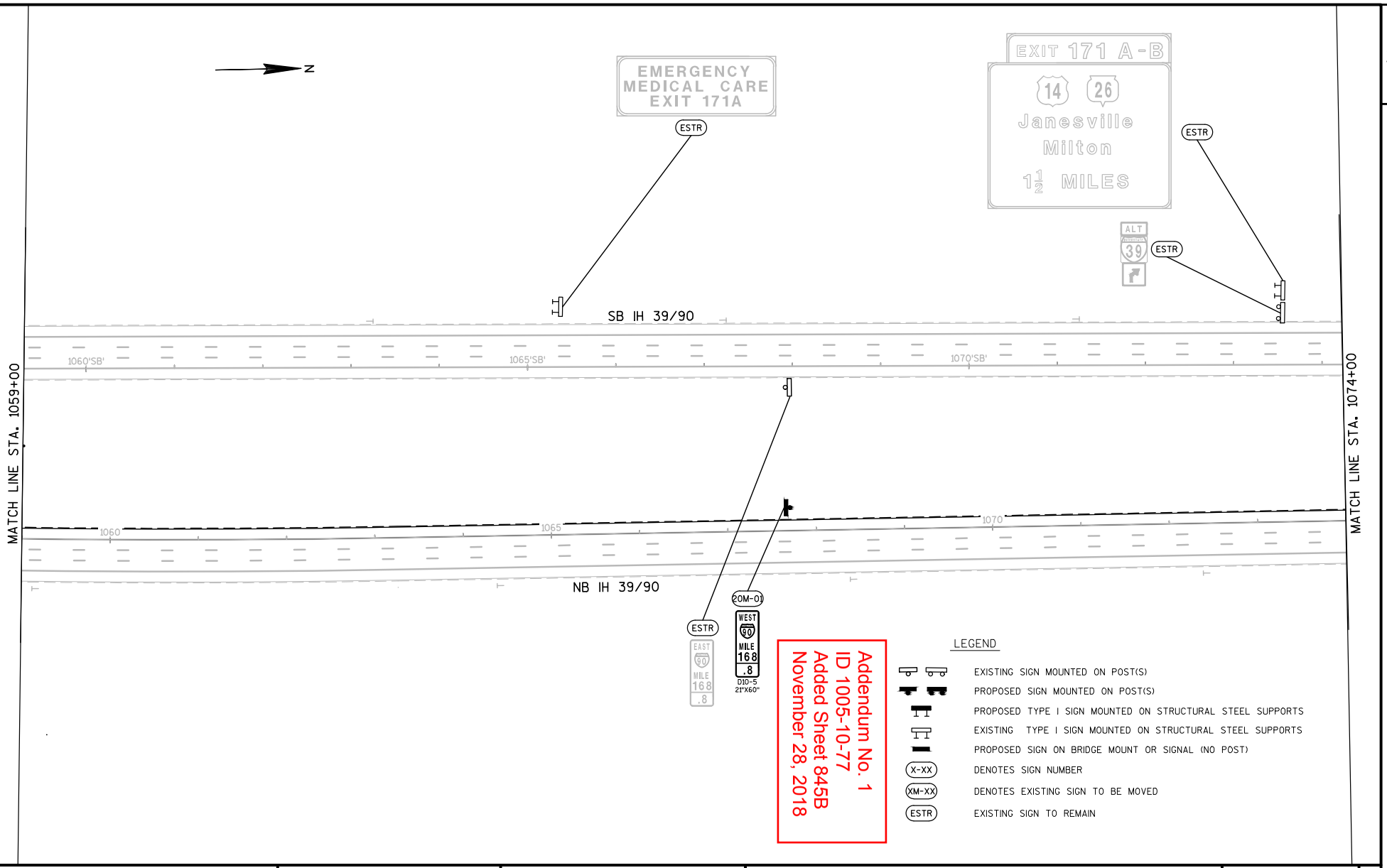
ESTR EXISTING SIGN TO REMAIN

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PERMANENT SIGNING: IH 39/90	SHEET 845A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 42



Addendum No. 1
ID 1005-10-77
Added Sheet 845B
November 28, 2018

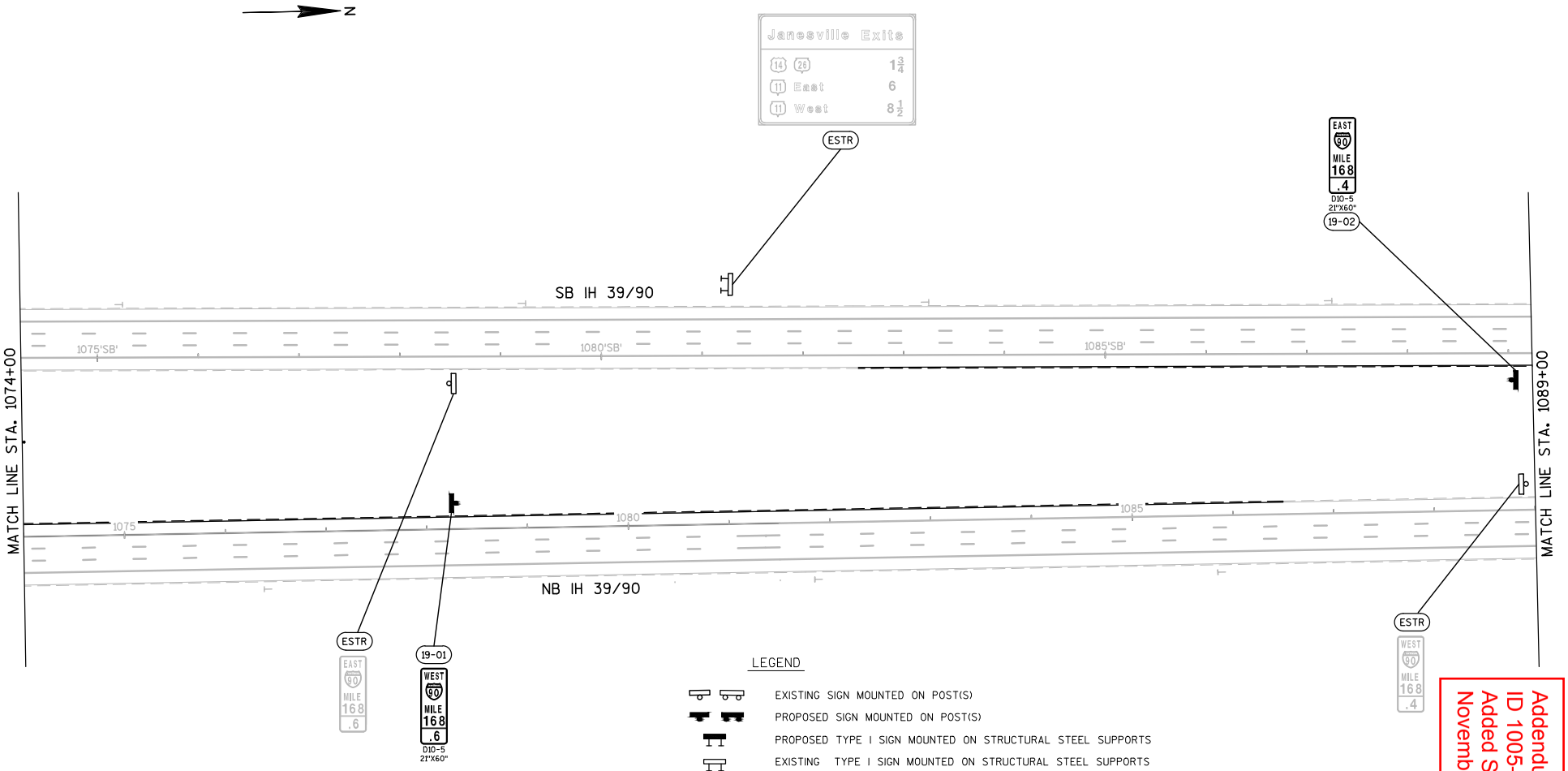
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED TYPE I SIGN MOUNTED ON STRUCTURAL STEEL SUPPORTS
- EXISTING TYPE I SIGN MOUNTED ON STRUCTURAL STEEL SUPPORTS
- PROPOSED SIGN ON BRIDGE MOUNT OR SIGNAL (NO POST)
- X-XX DENOTES SIGN NUMBER
- XM-XX DENOTES EXISTING SIGN TO BE MOVED
- ESTR EXISTING SIGN TO REMAIN

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PERMANENT SIGNING: IH 39/90	SHEET 845B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : ********** WISDOT/CADDS SHEET 42

2



LEGEND

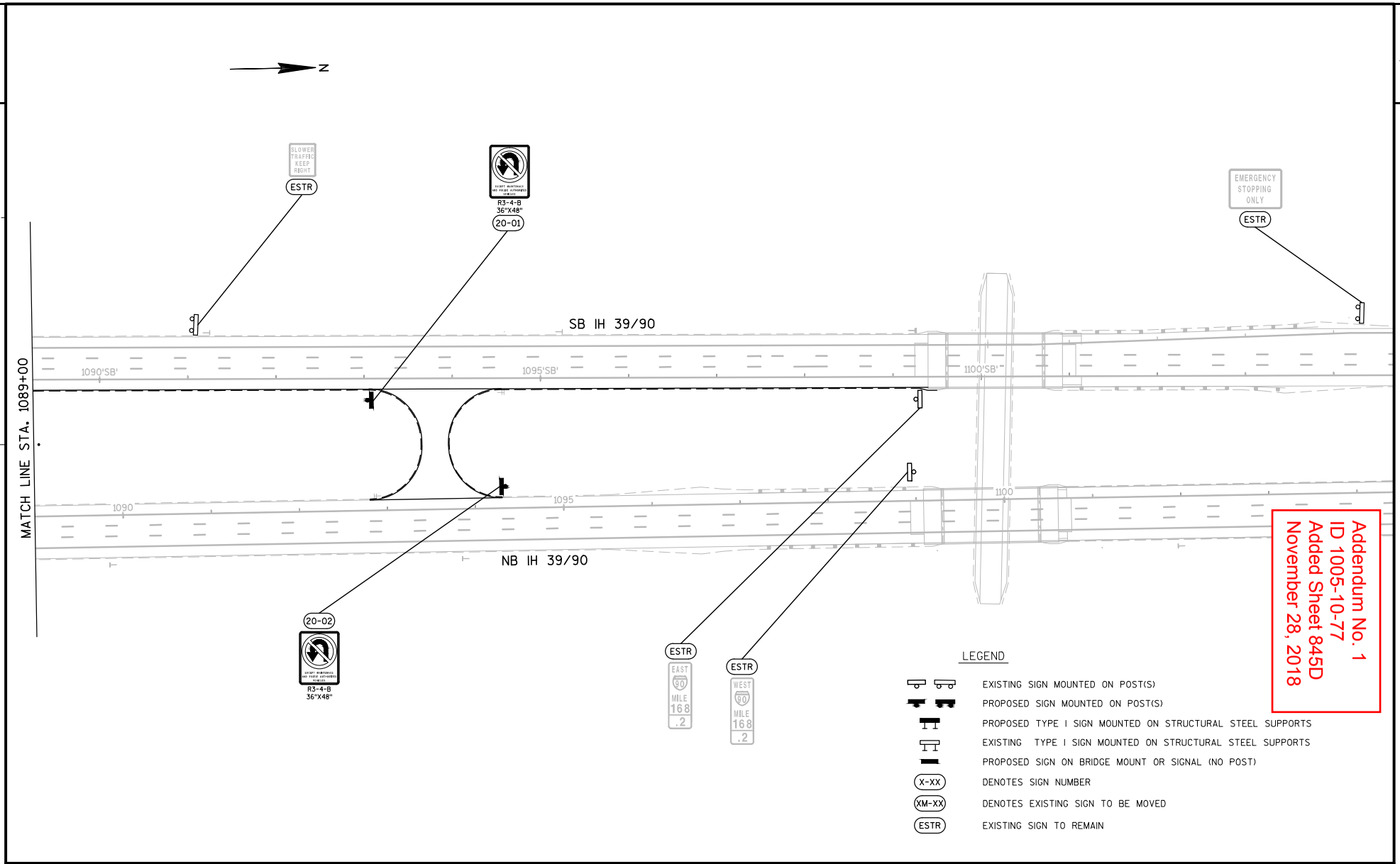
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED TYPE I SIGN MOUNTED ON STRUCTURAL STEEL SUPPORTS
- EXISTING TYPE I SIGN MOUNTED ON STRUCTURAL STEEL SUPPORTS
- PROPOSED SIGN ON BRIDGE MOUNT OR SIGNAL (NO POST)
- X-XX DENOTES SIGN NUMBER
- XM-XX DENOTES EXISTING SIGN TO BE MOVED
- ESTR EXISTING SIGN TO REMAIN

Addendum No. 1
ID 1005-10-77
Added Sheet 845C
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PERMANENT SIGNING: IH 39/90	SHEET 845C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : ********** WISDOT/CADDS SHEET 42



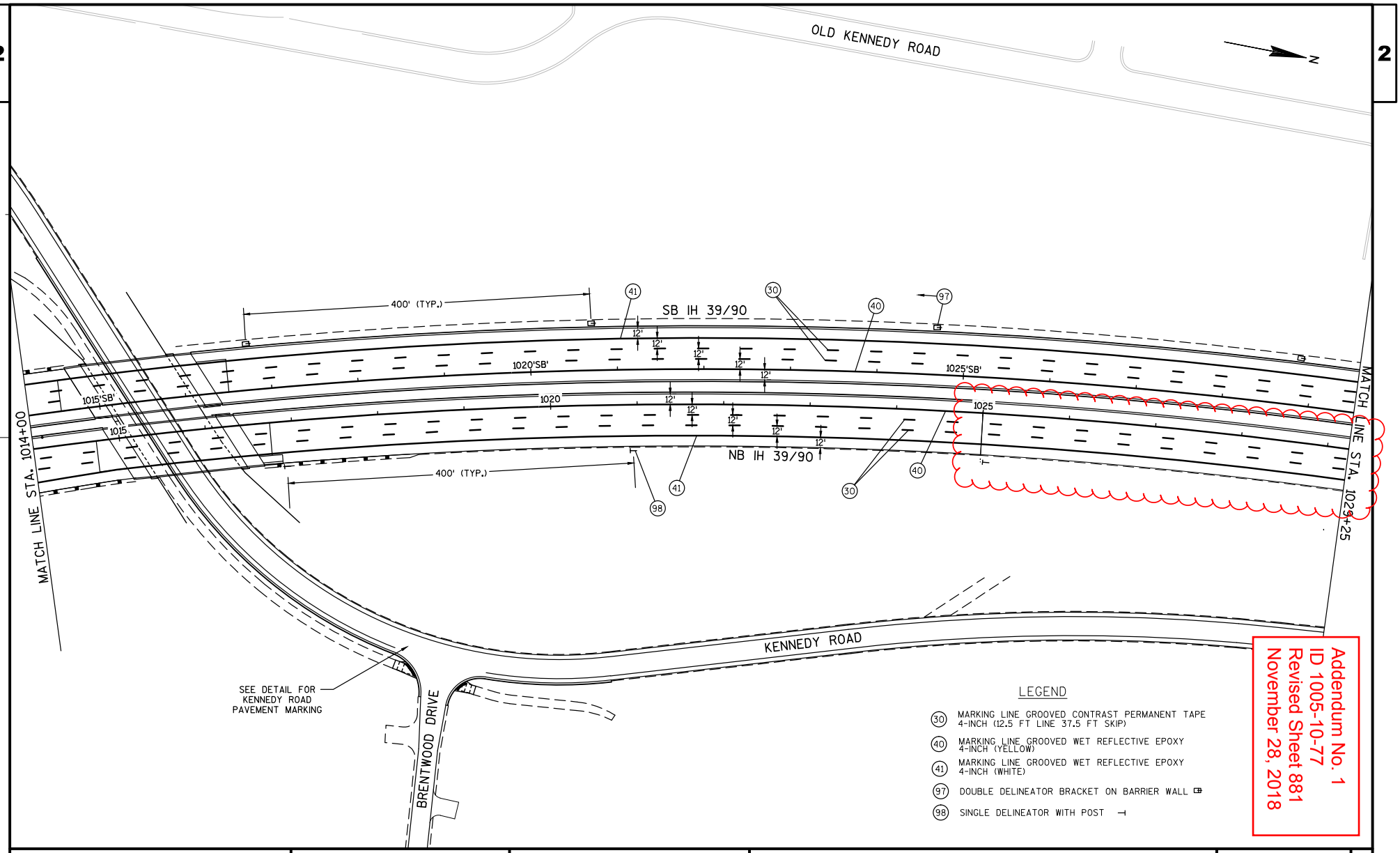
Addendum No. 1
ID 1005-10-77
Added Sheet 845D
November 28, 2018

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED TYPE I SIGN MOUNTED ON STRUCTURAL STEEL SUPPORTS
- EXISTING TYPE I SIGN MOUNTED ON STRUCTURAL STEEL SUPPORTS
- PROPOSED SIGN ON BRIDGE MOUNT OR SIGNAL (NO POST)
- X-XX DENOTES SIGN NUMBER
- XM-XX DENOTES EXISTING SIGN TO BE MOVED
- ESTR EXISTING SIGN TO REMAIN

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PERMANENT SIGNING: IH 39/90	SHEET 845D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\023201_PS_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : ********** WISDOT/CADDS SHEET 42



Addendum No. 1
ID 1005-10-77
Revised Sheet 881
November 28, 2018

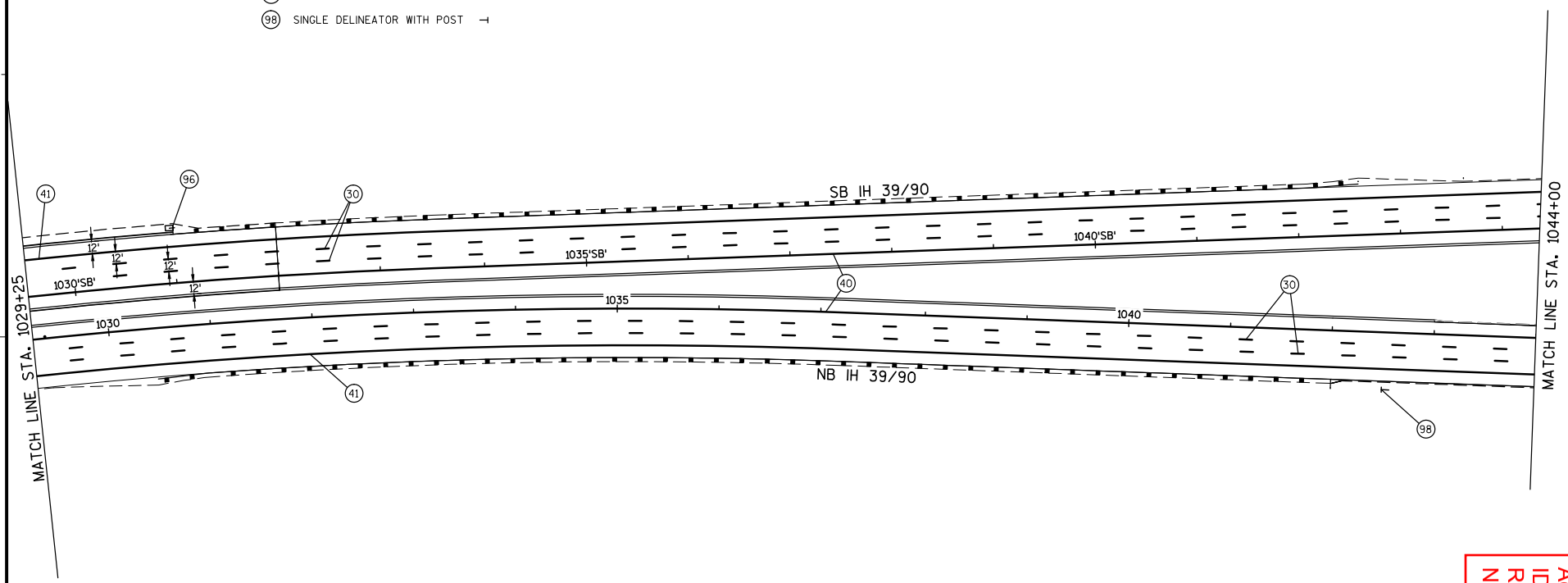
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 881	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\024501_PM_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : ********** WISDOT/CADDS SHEET 42

2

LEGEND

- (30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)
- (40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)
- (41) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
- (96) SINGLE DELINEATOR BRACKET ON BARRIER WALL
- (98) SINGLE DELINEATOR WITH POST



Addendum No. 1
ID 1005-10-77
Revised Sheet 882
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\024501_PM_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : ********** WISDOT/CADDS SHEET 42

2

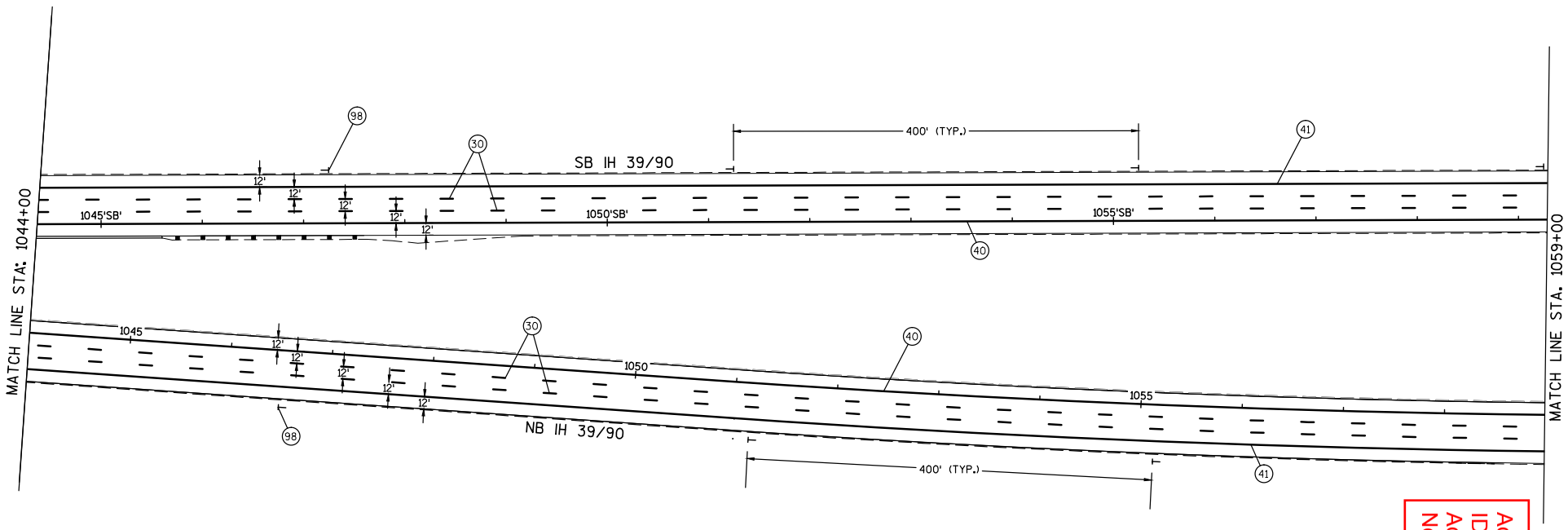
LEGEND

(30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)

(40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)

(41) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)

(98) SINGLE DELINEATOR WITH POST



Addendum No. 1
ID 1005-10-77
Added Sheet 882A
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882A	E

2

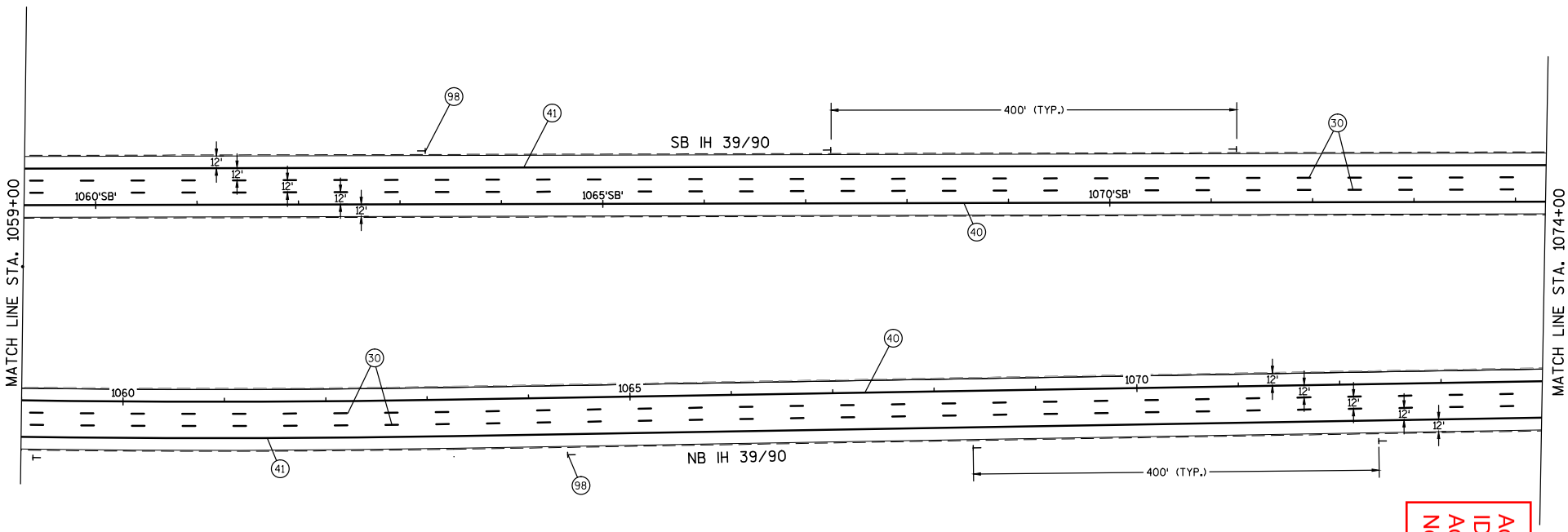
LEGEND

(30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)

(40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)

(41) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)

(98) SINGLE DELINEATOR WITH POST



Addendum No. 1
ID 1005-10-77
Added Sheet 882B
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882B	E

2

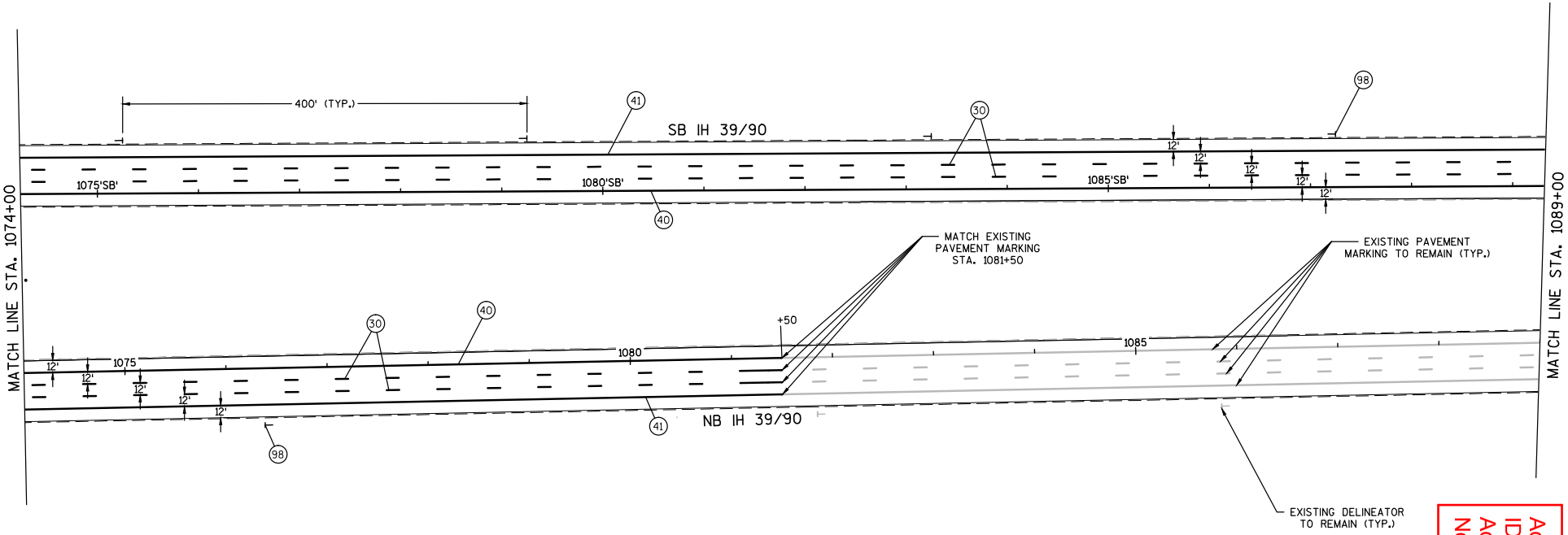
LEGEND

(30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)

(40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)

(41) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)

(98) SINGLE DELINEATOR WITH POST



Addendum No. 1
ID 1005-10-77
Added Sheet 882C
November 28, 2018

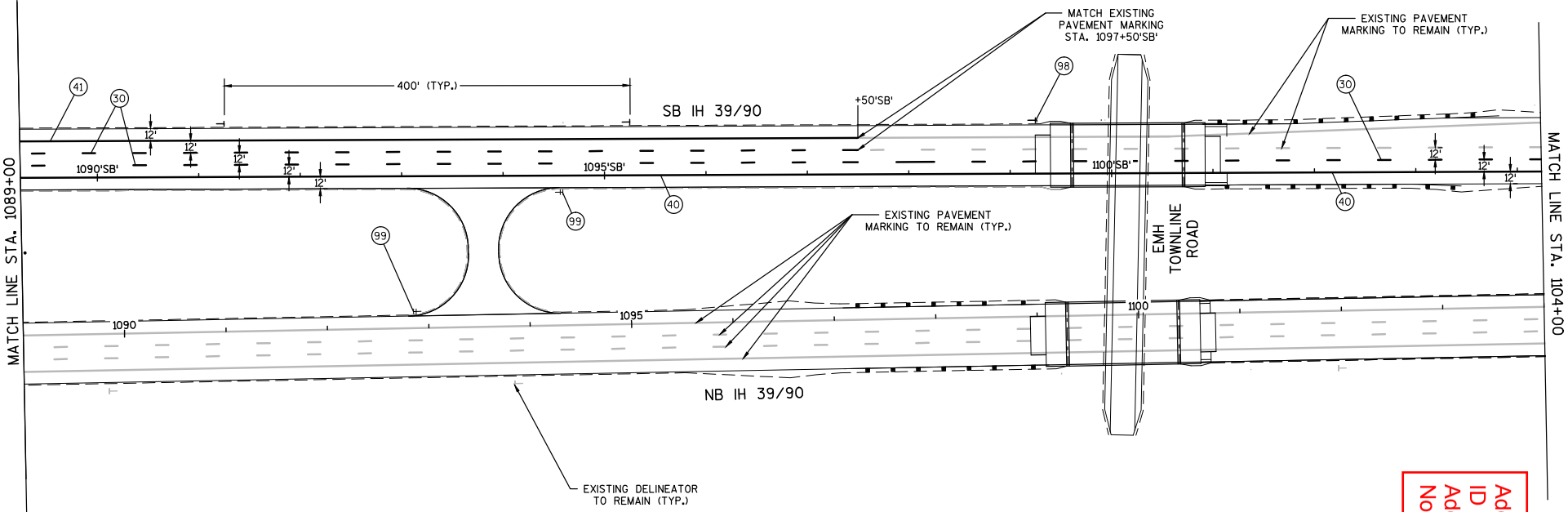
2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882C	E

2

LEGEND

- (30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)
- (40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)
- (41) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
- (98) SINGLE DELINEATOR WITH POST
- (99) DOUBLE DELINEATOR WITH POST



Addendum No. 1
ID 1005-10-77
Added Sheet 882D
November 28, 2018

2

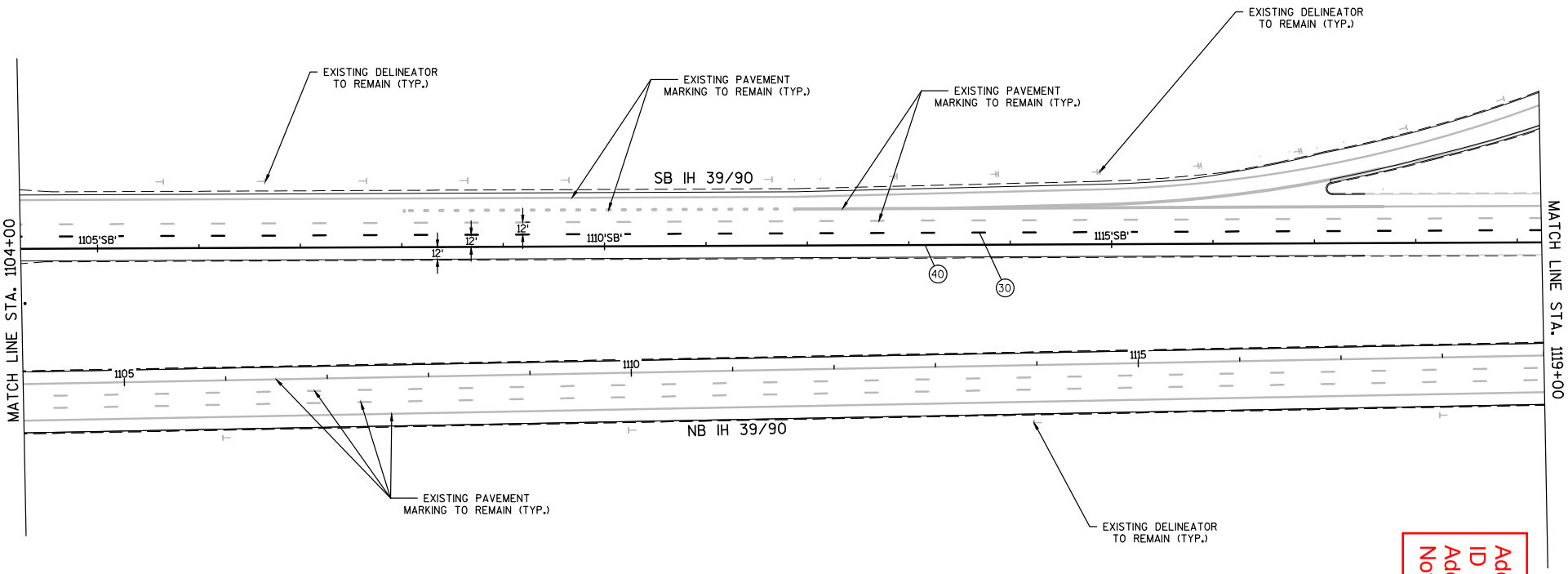
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882D	E

2

LEGEND

(30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)

(40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)

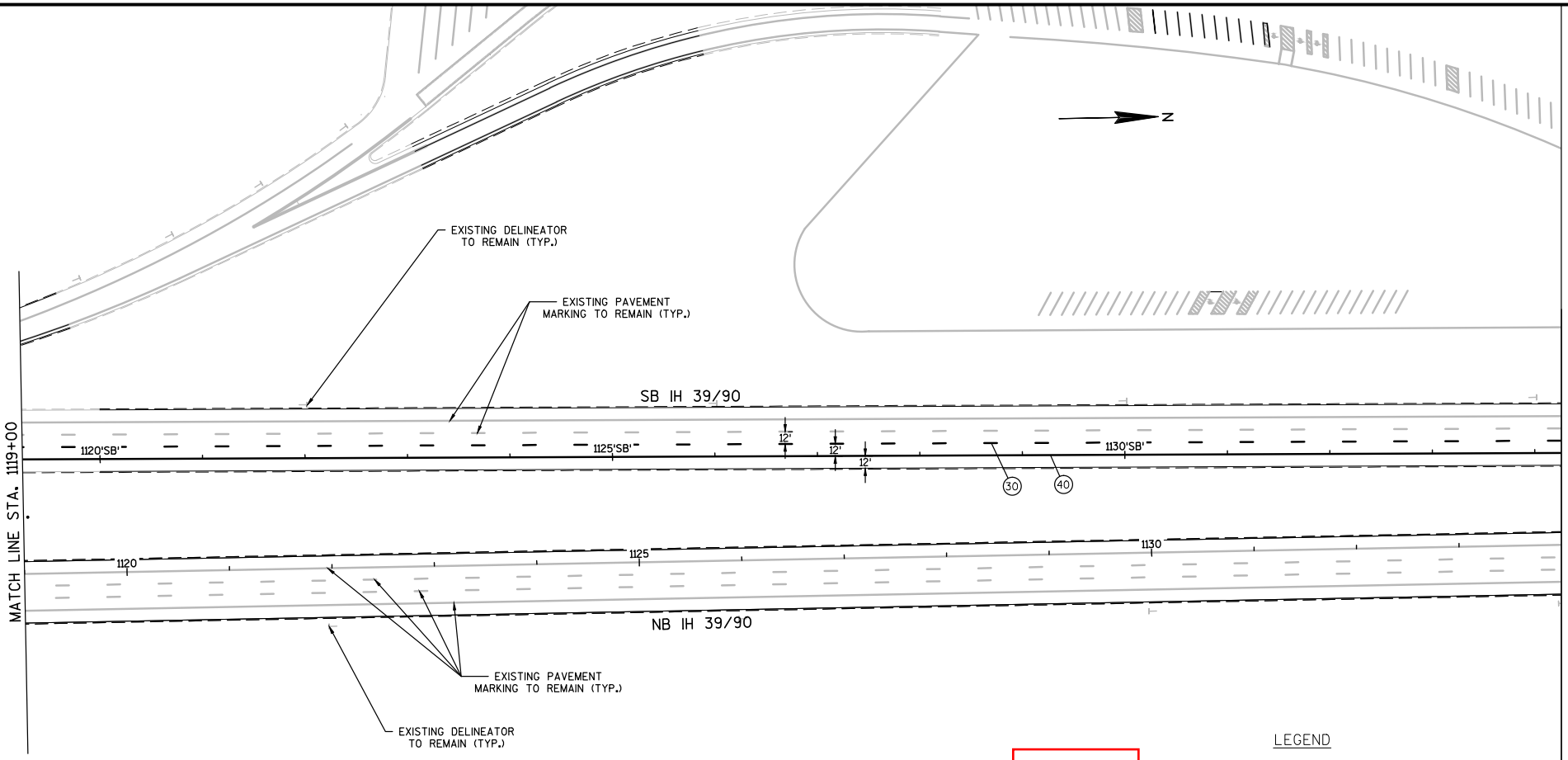


Addendum No. 1
ID 1005-10-77
Added Sheet 882E
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882E	E

2



LEGEND

(30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)

(40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)

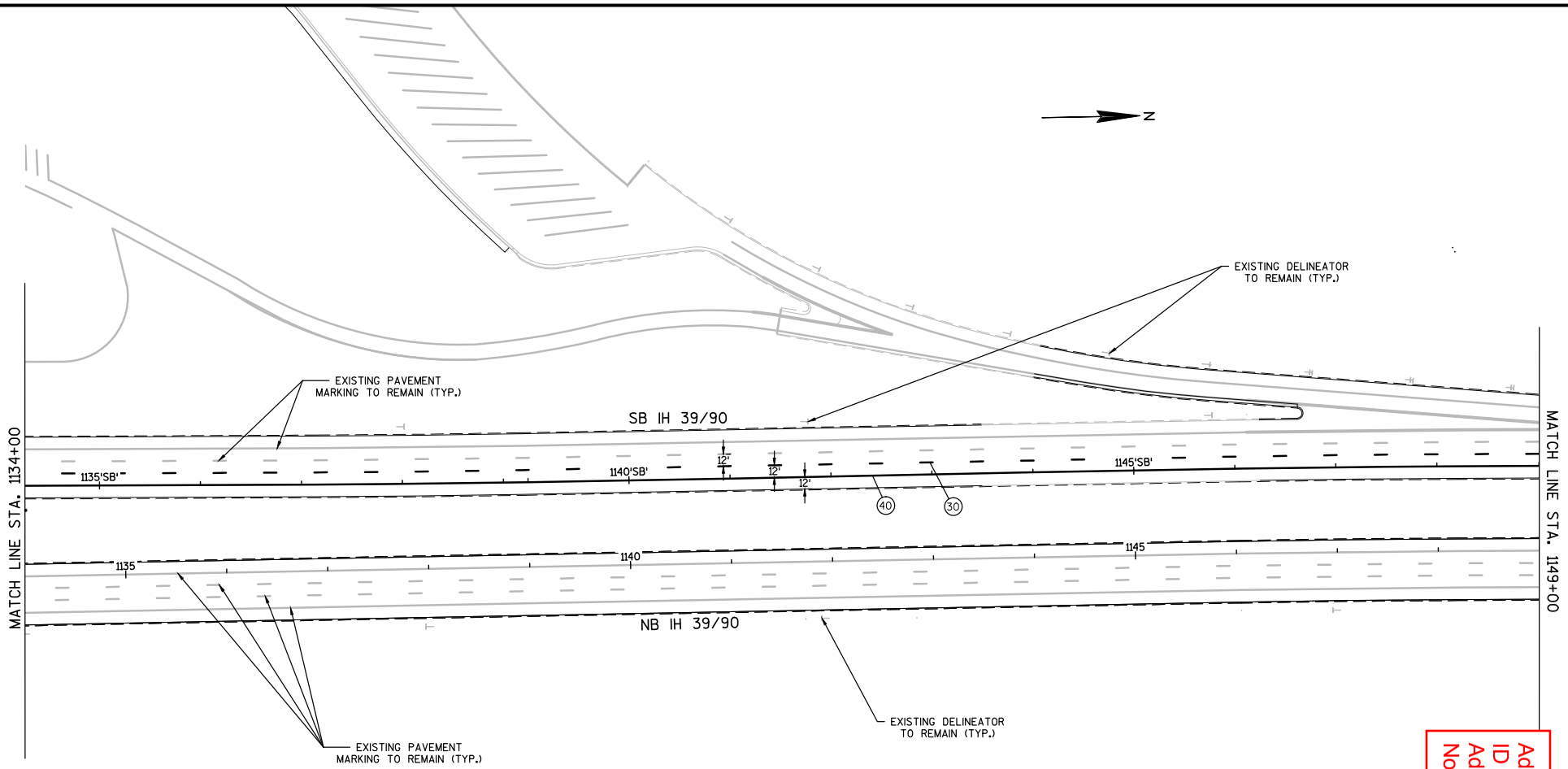
Addendum No. 1
ID 1005-10-77
Added Sheet 882F
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882F	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\024501_PM_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : ---------- PLOT SCALE : ********** WISDOT/CADDS SHEET 42

2



LEGEND

(30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)

(40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)

Addendum No. 1
ID 1005-10-77
Added Sheet 882G
November 28, 2018

2

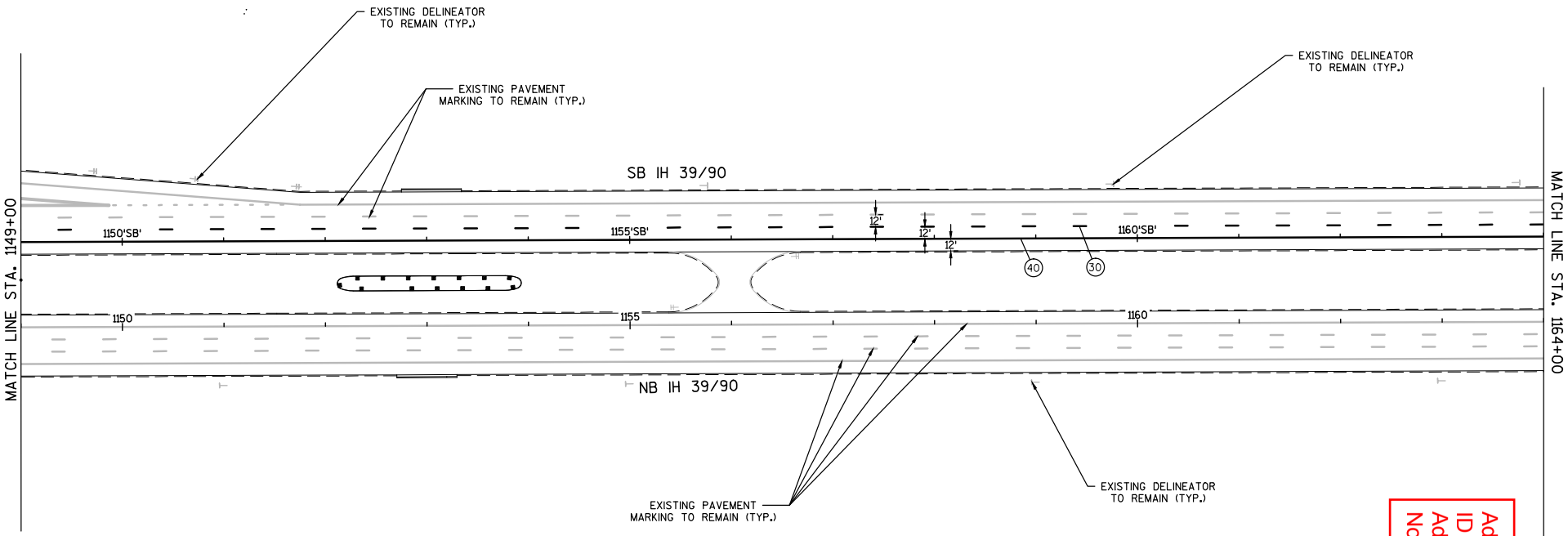
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882G	E

2

LEGEND

(30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)

(40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)



Addendum No. 1
ID 1005-10-77
Added Sheet 882H
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882H	E

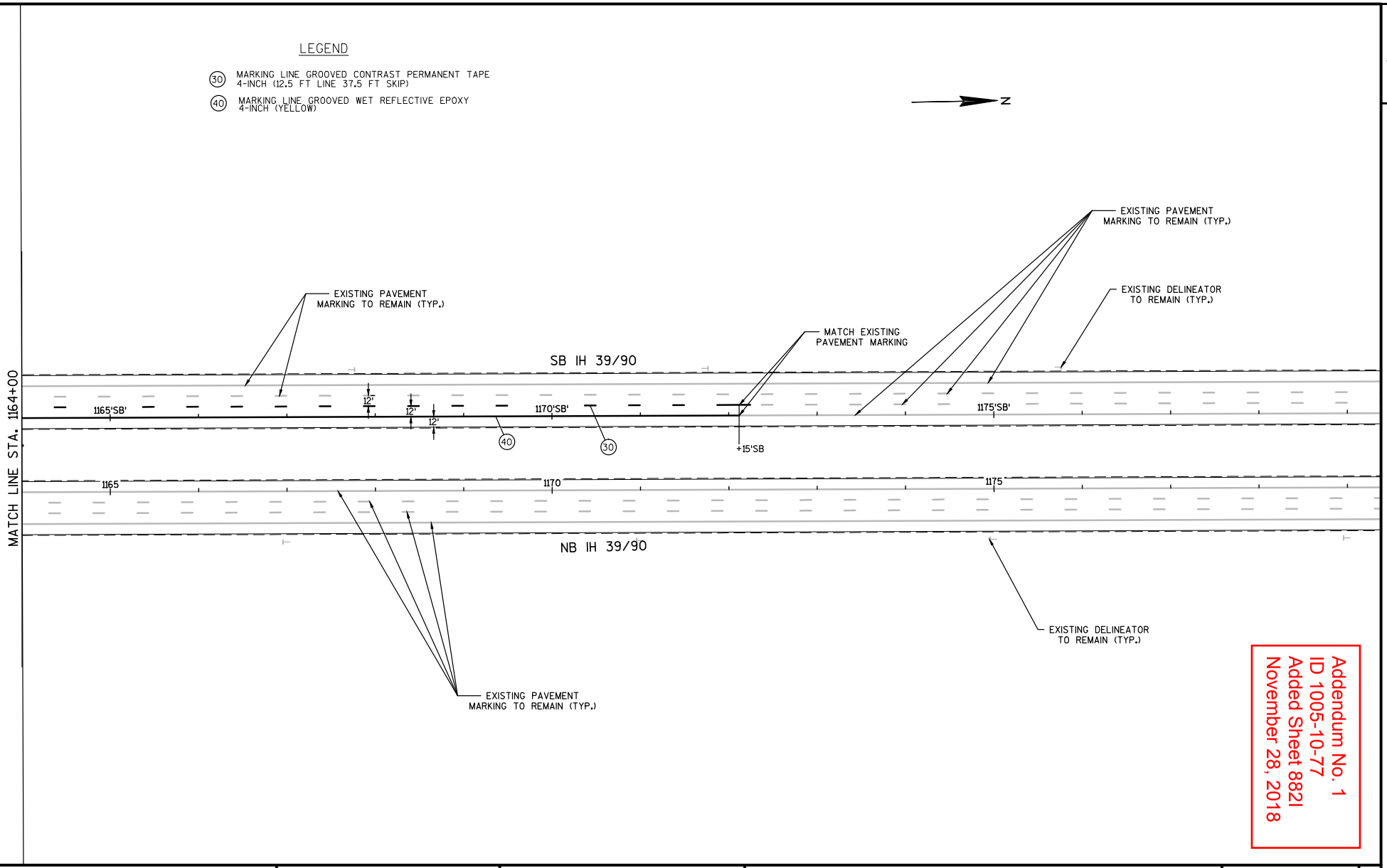
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\024501_PM_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : ********** WISDOT/CADDS SHEET 42

2

LEGEND

(30) MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (12.5 FT LINE 37.5 FT SKIP)

(40) MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (YELLOW)



Addendum No. 1
ID 1005-10-77
Added Sheet 882I
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PAVEMENT MARKING: MAINLINE	SHEET 882I	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN DETAILS\024501_PM_MAINLINE.DWG PLOT DATE : 11/15/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : ********** WISDOT/CADDS SHEET 42

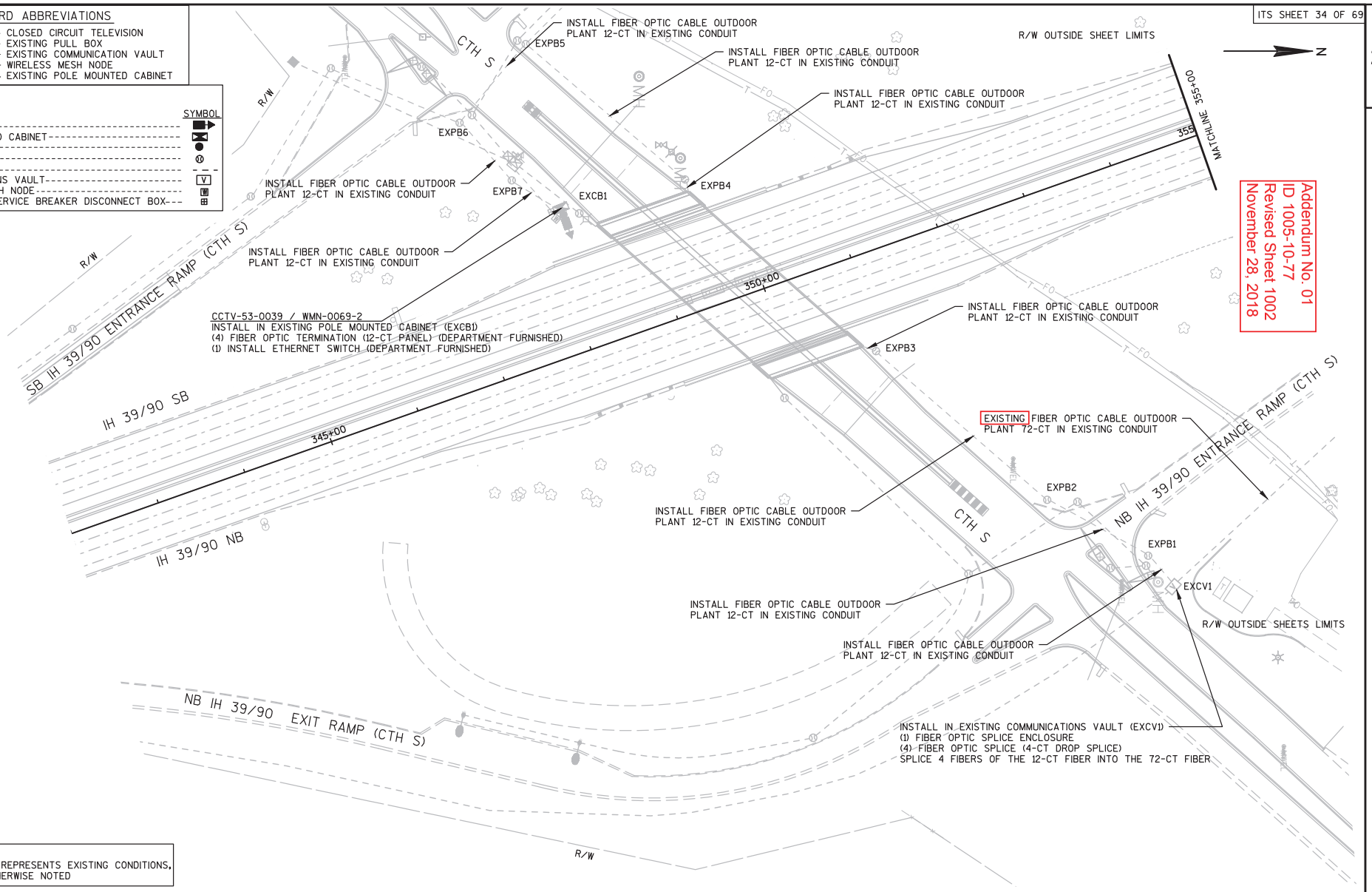
2

ITS STANDARD ABBREVIATIONS

CCTV--------- CLOSED CIRCUIT TELEVISION
EXPB--------- EXISTING PULL BOX
EXCV--------- EXISTING COMMUNICATION VAULT
WMN --------- WIRELESS MESH NODE
EXCB--------- EXISTING POLE MOUNTED CABINET

ITS LEGEND

DESCRIPTION	SYMBOL
CCTV CAMERA	
POLE MOUNTED CABINET	
POLE	
PULL BOX	
ITS CONDUIT	
COMMUNICATIONS VAULT	V
WIRELESS MESH NODE	W
ELECTRICAL SERVICE BREAKER DISCONNECT BOX	



Addendum No. 01
ID 1005-10-77
Revised Sheet 1002
November 28, 2018

NOTE:
GREYSHADE REPRESENTS EXISTING CONDITIONS, UNLESS OTHERWISE NOTED

PROJECT NO:1005-10-77	HWY:IH 39	COUNTY:ROCK	ITS PLANS - FIBER INSTALLATION	SHEET 1002	E

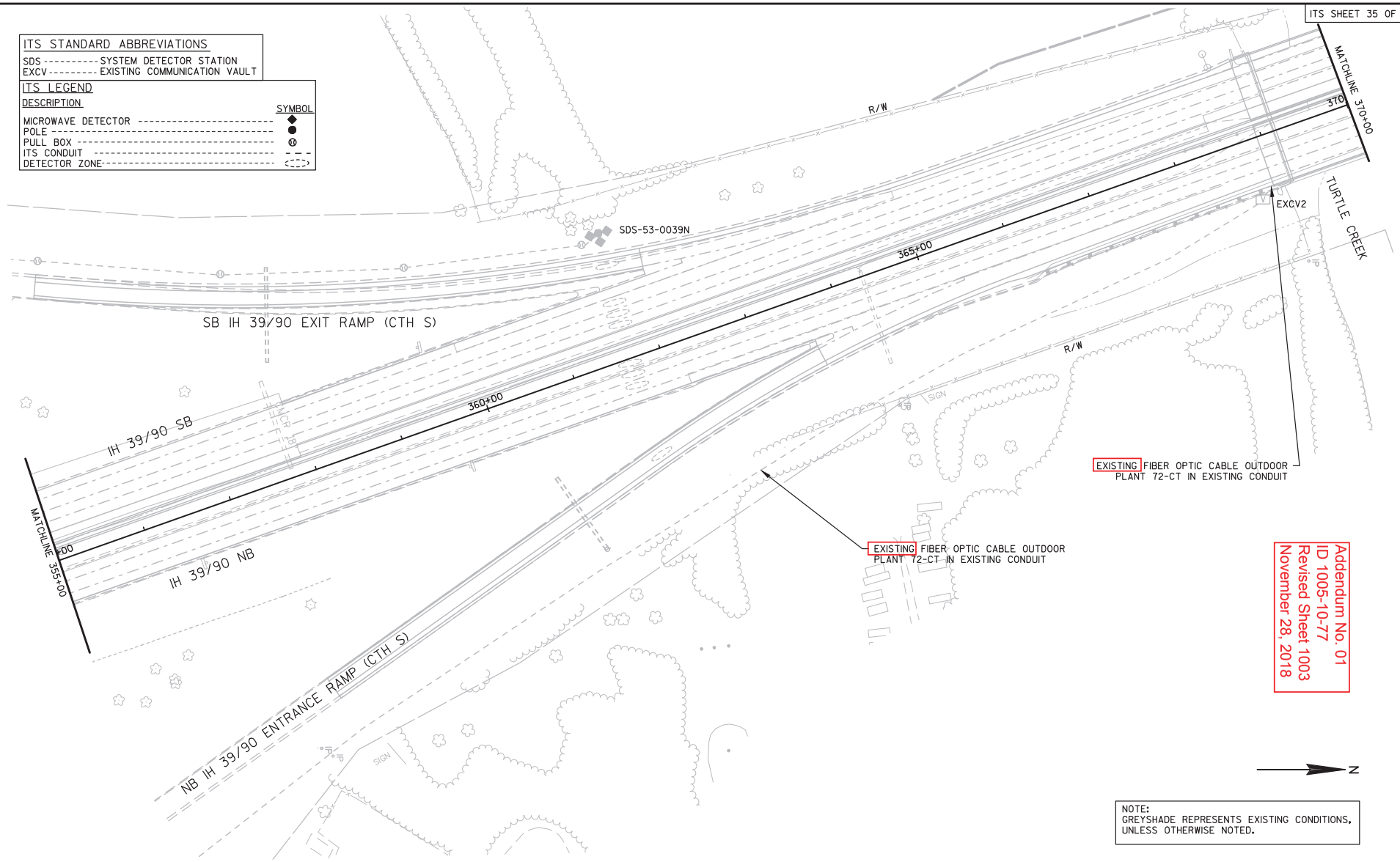
2

ITS STANDARD ABBREVIATIONS

SDS ---------- SYSTEM DETECTOR STATION
EXCV --------- EXISTING COMMUNICATION VAULT

ITS LEGEND

DESCRIPTION	SYMBOL
MICROWAVE DETECTOR	◆
POLE	●
PULL BOX	(M)
ITS CONDUIT	– – –
DETECTOR ZONE	<--->



Addendum No. 01
ID 1005-10-77
Revised Sheet 1003
November 28, 2018

NOTE:
GREYSHADE REPRESENTS EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.

PROJECT NO:1005-10-77	HWY:IH 39	COUNTY:ROCK	ITS PLANS - FIBER INSTALLATION	SHEET 1003	E

FILE NAME : \\USMSN1FS001\PROD\DATA\LIBRARY\WORK\PROJECTS\60242867\400_TECHNICAL\406_CIVIL\406.3_ITS\MAINLINE DESIGN\MAINLINE ITS\AUTOCAD 2014\1005-10-77_FIBER_ADDENDUM2MAINLINE ITS_FOR 1005-10-77_HARCHUK, WOLTMAN.DWG PLOT NAME : PLOT SCALE : 1 IN = 100 FT_XREF

WISDOT/CADDS SHEET 42

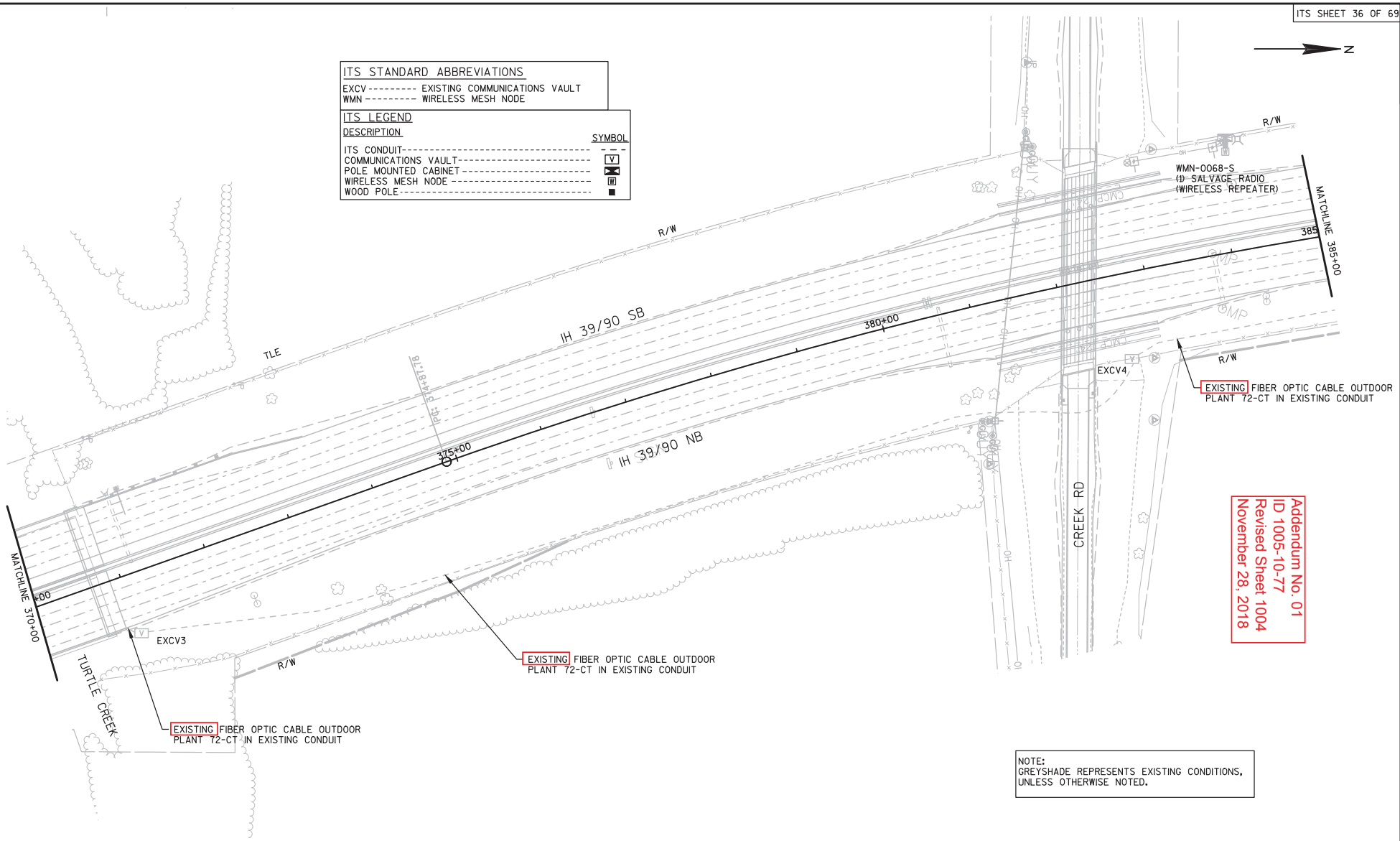
2

ITS STANDARD ABBREVIATIONS

EXCV --------- EXISTING COMMUNICATIONS VAULT
WMN --------- WIRELESS MESH NODE

ITS LEGEND

DESCRIPTION	SYMBOL
ITS CONDUIT	
COMMUNICATIONS VAULT	V
POLE MOUNTED CABINET	
WIRELESS MESH NODE	W
WOOD POLE	

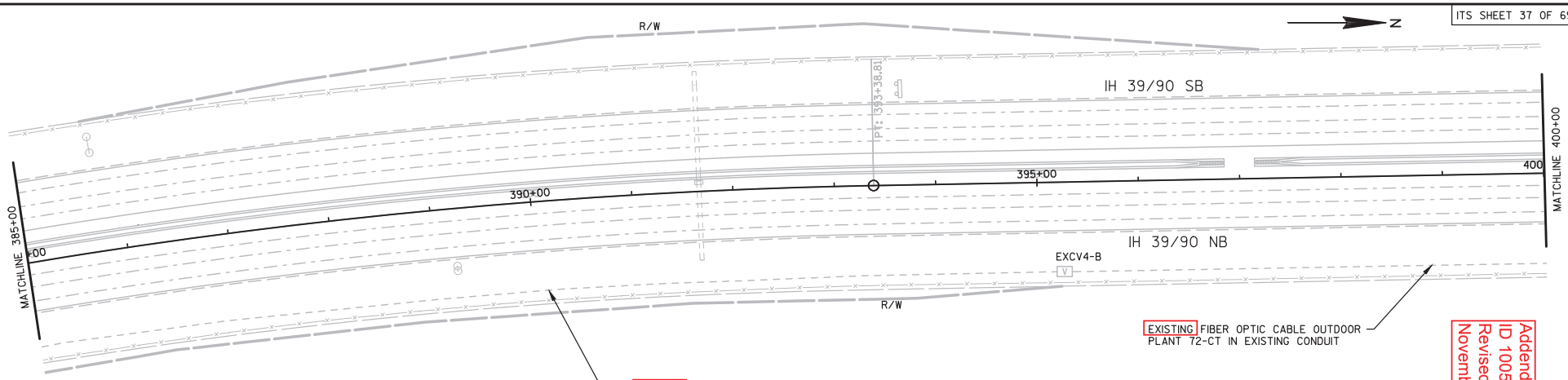


Addendum No. 01
ID 1005-10-77
Revised Sheet 1004
November 28, 2018

NOTE:
GREYSHADE REPRESENTS EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.

PROJECT NO:1005-10-77	HWY:IH 39	COUNTY:ROCK	ITS PLANS - FIBER INSTALLATION	SHEET 1004	E

2



Addendum No. 01
ID 1005-10-77
Revised Sheet 1005
November 28, 2018

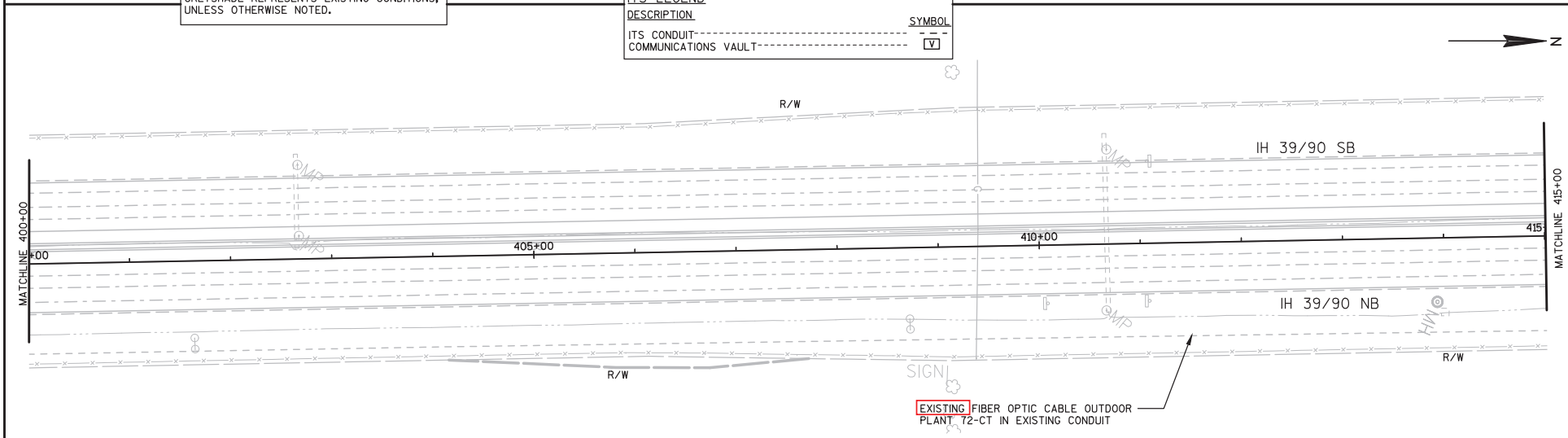
NOTE:
GREYSHADE REPRESENTS EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.

ITS STANDARD ABBREVIATIONS

EXCV -------- EXISTING COMMUNICATION VAULT

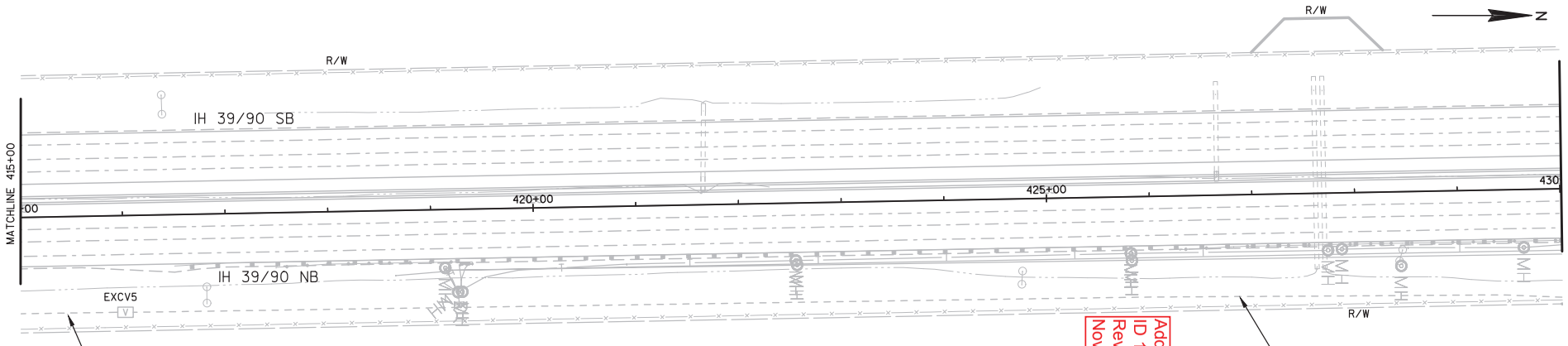
ITS LEGEND

DESCRIPTION	SYMBOL
ITS CONDUIT	
COMMUNICATIONS VAULT	V



PROJECT NO:1005-10-77	HWY:IH 39	COUNTY:ROCK	ITS PLANS - FIBER INSTALLATION	SHEET 1005	E

2



Addendum No. 01
ID 1005-10-77
Revised Sheet 1006
November 28, 2018

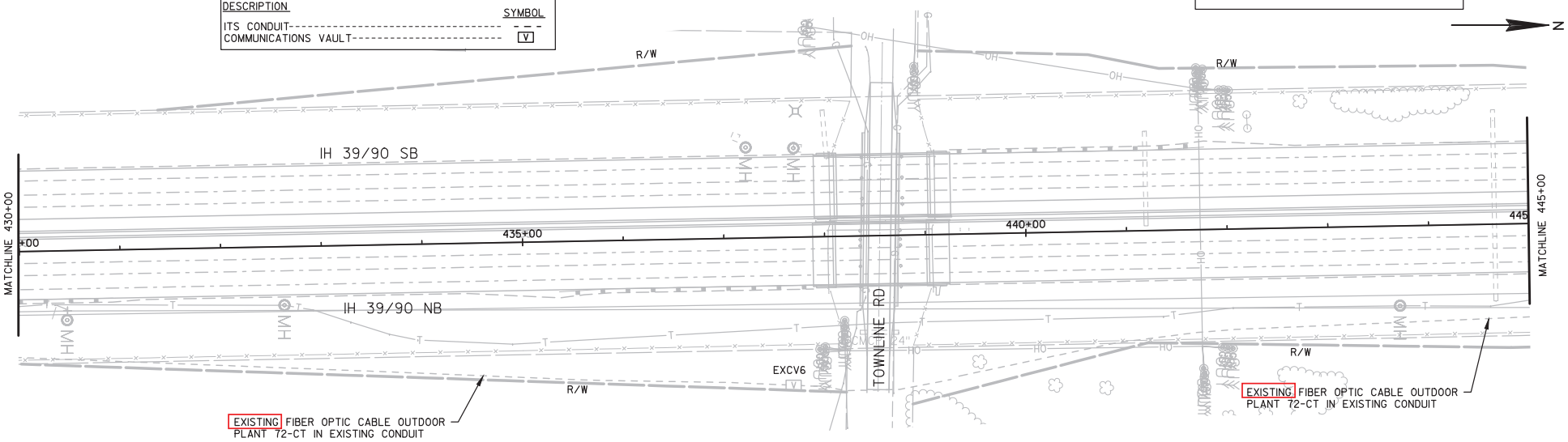
ITS STANDARD ABBREVIATIONS

EXCV -------- EXISTING COMMUNICATION VAULT

ITS LEGEND

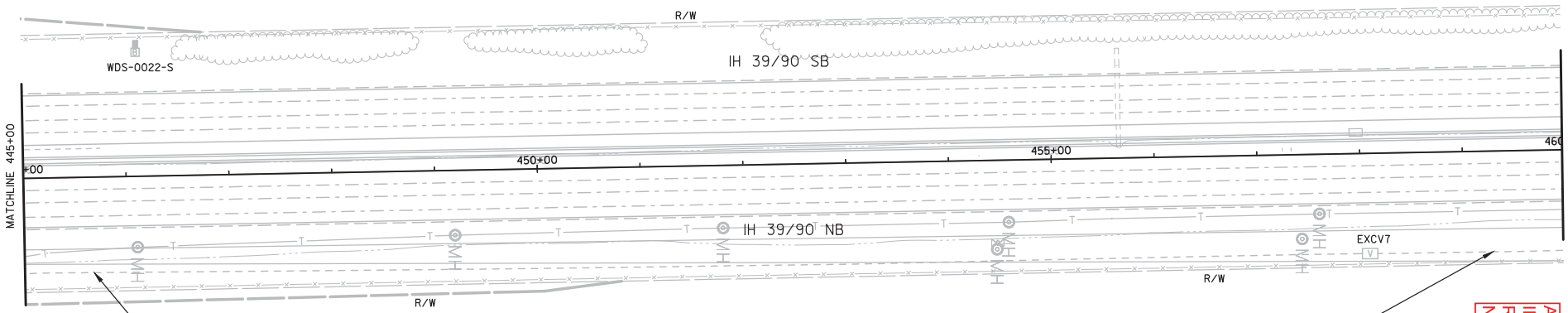
DESCRIPTION	SYMBOL
ITS CONDUIT	- - -
COMMUNICATIONS VAULT	V

NOTE:
GREYSHADE REPRESENTS EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.



PROJECT NO:1005-10-77	HWY:IH 39	COUNTY:ROCK	ITS PLANS - FIBER INSTALLATION	SHEET 1006	E

2



Addendum No. 01
ID 1005-10-77
Revised Sheet 1007
November 28, 2018

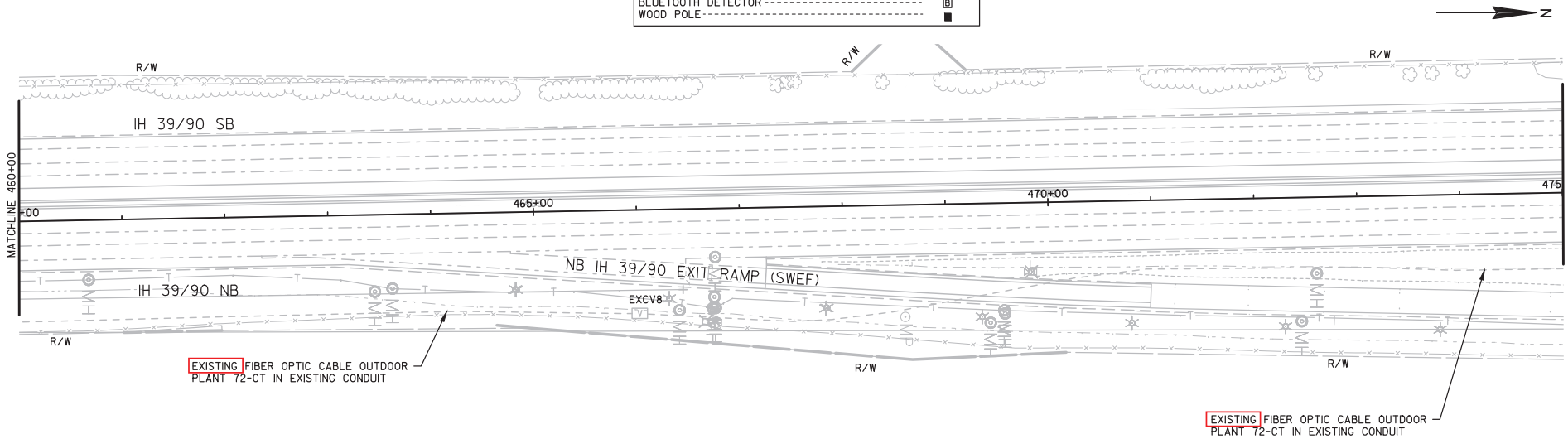
NOTE:
GREYSHADE REPRESENTS EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.

ITS STANDARD ABBREVIATIONS

EXCV --------- EXISTING COMMUNICATION VAULT
WDS ---------- WIRELESS DETECTOR STATION
SWEF--------- SAFETY AND WEIGHT ENFORCEMENT FACILITY

ITS LEGEND

DESCRIPTION	SYMBOL
ITS CONDUIT	- - -
COMMUNICATIONS VAULT	V
BLUETOOTH DETECTOR	B
WOOD POLE	■



PROJECT NO:1005-10-77	HWY:IH 39	COUNTY:ROCK	ITS PLANS - FIBER INSTALLATION	SHEET 1007	E

2

IH 39/90 SB

R/W

MATCHLINE 475+00

MATCHLINE 490+00

480+00

485+00

490

EXISTING FIBER OPTIC CABLE OUTDOOR PLANT 72-CT IN EXISTING CONDUIT

INSTALL IN EXISTING COMMUNICATIONS VAULT (EXCV9)
(1) FIBER OPTIC SPLICE ENCLOSURE
(76) FIBER OPTIC SPLICE (68-CT BUTT SPLICE, (2) 4-CT DROP SPLICE)
SPLICE 4 FIBERS OF BOTH 12-CT FIBERS INTO THE 72-CT FIBER

INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 72-CT IN EXISTING CONDUIT

EXCV9

INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 12-CT IN EXISTING CONDUIT

IH 39/90 NB

NB IH 39/90 EXIT RAMP (SWEF)

INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 12-CT IN EXISTING CONDUIT

EXCV10

EXCB2

CCTV-53-0045 / WMN-0067-S
INSTALL IN EXISTING POLE MOUNTED CABINET (EXCB2)
(4) FIBER OPTIC TERMINATION (12-CT PANEL) (DEPARTMENT FURNISHED)
(1) INSTALL ETHERNET SWITCH (DEPARTMENT FURNISHED)
(2) SALVAGE RADIO (WIRELESS MESH RADIO ASSEMBLY AND 5.8GHZ RADIO)

INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 12-CT IN EXISTING CONDUIT

POST

MH

ITS STANDARD ABBREVIATIONS

CCTV--------- CLOSED CIRCUIT TELEVISION
WMN---------- WIRELESS MESH NODE
EXCV--------- EXISTING COMMUNICATIONS VAULT
EXCB--------- EXISTING POLE MOUNTED CABINET
SWEF -------- SAFETY AND WEIGHT ENFORCEMENT FACILITY

ITS LEGEND

DESCRIPTION	SYMBOL
CCTV CAMERA	
POLE MOUNTED CABINET	
POLE	
PULL BOX	
ITS CONDUIT	
COMMUNICATIONS VAULT	V
WIRELESS MESH NODE	W

Addendum No. 01
ID 1005-10-77
Revised Sheet 1008
November 28, 2018

NOTE:
GREYSHADE REPRESENTS EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.

IH 39/90 SB

I-39/90

MATCHLINE 490+00

MATCHLINE 505+00

495+00

500+00

50

INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 72-CT IN EXISTING CONDUIT

EXCV12

IH 39/90 NB

INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 72-CT IN EXISTING CONDUIT

NB IH 39/90 ENTRANCE RAMP (SWEF)

INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 12-CT IN EXISTING CONDUIT

EXCV11

SAFETY AND WEIGHT ENFORCEMENT FACILITY (SWEF)

VENT

POST

MWEL

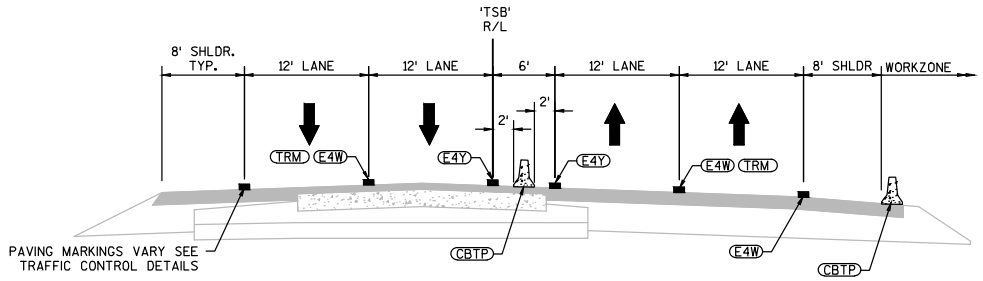
CONSTRUCTION NOTES

1 COIL 300-FT SLACK OF FIBER OPTIC CABLE OUTDOOR PLANT 12-CT

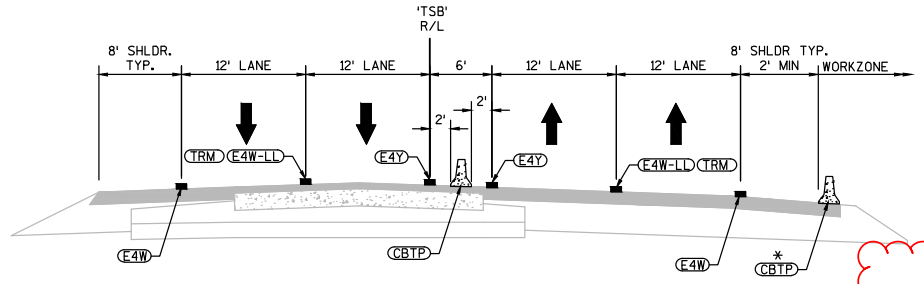
PROJECT NO:1005-10-77	HWY:IH 39	COUNTY:ROCK	ITS PLANS - FIBER INSTALLATION	SHEET 1008	E

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1208
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 891+31'TSB' - STA. 896+05'TSB'



*EXISTING BARRIER FROM: STA. 1003+59'TSB' - STA. 1013+82'TSB'
STA. 1014+33'TSB' - STA. 1017+56'TSB'
STA. 1019+23'TSB' - STA 1022+98'TSB'

TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 896+05'TSB' - STA. 935+90'TSB'
STA. 953+11'TSB' - STA. 1022+98'TSB'

LEGEND

CBTP	CONCRETE BARRIER TEMPORARY PRECAST
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4Y	MARKING LINE EPOXY 4-INCH (YELLOW)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
	NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1221
November 28, 2018

2

PAVEMENT MARKING LEGEND

E4Y	MARKING LINE EPOXY 4-INCH (YELLOW)
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)
E4W-EM	MARKING LINE EPOXY 4-INCH (WHITE DOTTED EDGE EXTENSION MARKING - 3 FT LINE, 9 FT SKIP)
E8W	MARKING LINE EPOXY 8-INCH (WHITE)

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 1.
SEE OTHER TRAFFIC CONTROL PLANS FOR DETAILS ALONG USH 14.

EXIT 171 A
26
Milton
1/2 MILE

PAID FOR AS "TRAFFIC CONTROL SIGNS FIXED MESSAGE"

EAST 39 90 MILE 172 .2 D10-5A 21"X72"

WEST 39 90 MILE 172 .2 D10-5A 21"X72"

ALTERNATE MB4-1 36"X18" 39 M1-1 36"X36" MB6-2 30"X30"

USH 14 EB
USH 14 WB
MATCH LINE STA 922+00
MATCH LINE STA 937+00
924'TSB'
926'TSB'
928'TSB'
930'TSB'
932'TSB'
934'TSB'
936'TSB'
100' (TYP.)
E4W-LL
E4Y
FM-07
E4W
E4W-EM
E8W
+47.5'TSB' 65.9' LT
+46.3'TSB' 50.9' LT
+82.0'TSB' 56.4' LT
+86.6'TSB' 39.0' LT
+85.4'TSB' 24.0' LT
+86.1'TSB' 31.9' LT
+85.0'TSB' 24.0' LT
+25.0'TSB' 30.0' RT
+37.3'TSB' 39.0' RT
+81.1 23.6' RT
+82.0 27.5' RT
+24.9 40.4' RT
+20.7 106.8' RT
+77.0 153.0' RT
+85.4 42.1' RT
+86.5 47.0' RT
+35.3 65.1' RT
+37.5 126.8' RT
+02.0 164.2' RT
+52.6 57.3' LT
+65.8 54.5' LT
+36.6'TSB' 39.0' RT
W04-3R
W05-52R 18"X54"
W05-52L 18"X54"
MOUNTED ON CONCRETE BARRIER TEMPORARY PRECAST
CRASH CUSHION TEMPORARY LOW MAINTENANCE REQ'D
GAWK SCREEN REQ'D ON BARRIER WALL BETWEEN NB TRAFFIC AND WORK ZONE
STA. 921+90'TSB' - 931+00'TSB'
STA. 932+00'HAT' - 936+60'HAT'
GLARE SCREEN REQ'D ON BARRIER WALL SEPARATING TRAFFIC
STA. 921+90'TSB' - 936+60'TSB'
50' (TYP.)
DEERFIELD DR

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 1	SHEET 1221	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1221_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (5)

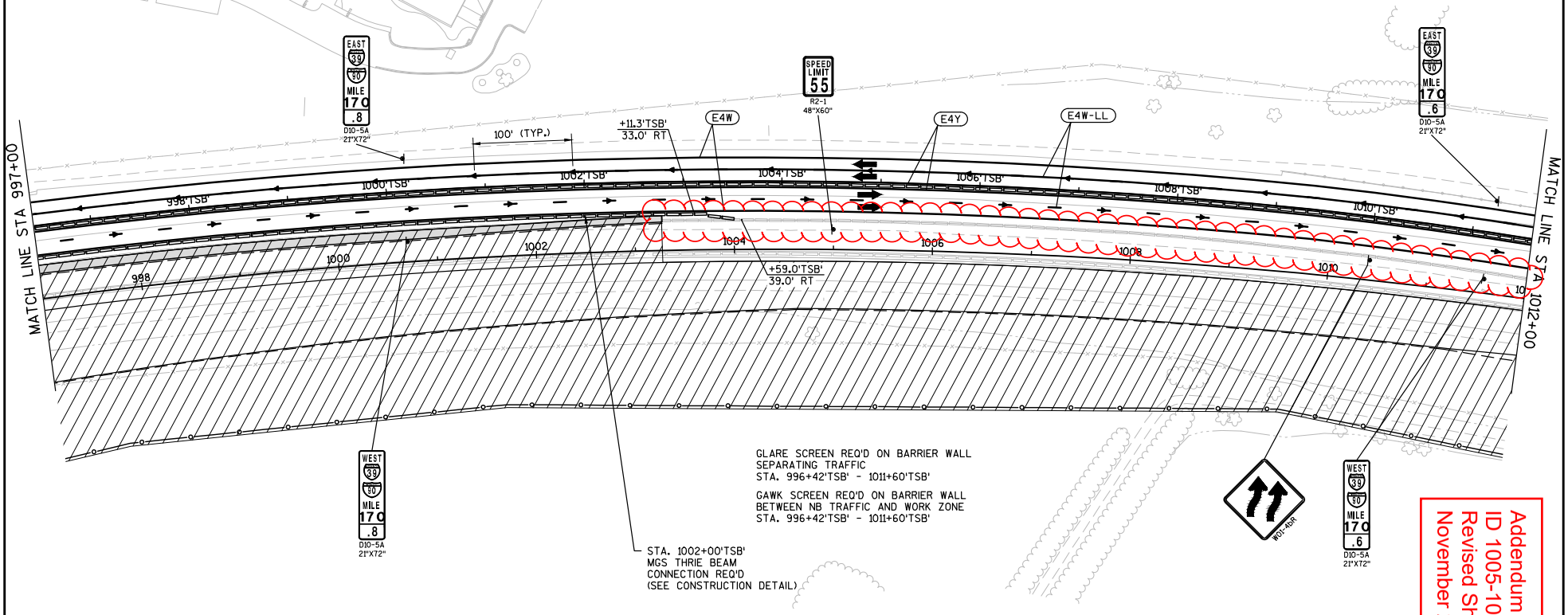
WISDOT/CADDS SHEET 42

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 1.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



PAVEMENT MARKING LEGEND

E4Y	MARKING LINE EPOXY 4-INCH (YELLOW)
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

Addendum No. 1
ID 1005-10-77
Revised Sheet 1226
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 1	SHEET 1226	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1227_DETAIL1.DGN PLOT DATE : 11/28/2018 11:06AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (10)

WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT (S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

ROAD CLOSURE. SEE S.D.D. BARRICADES AND SIGNS FOR MAINLINE CLOSURES, NO POSTED DETOUR.

TRAIL CLOSED AHEAD
W20-3-A (MOD.)

PLACE ON TYPE II BARRICADE ALONG TRAIL NEAR TRAILHEAD PARKING LOT LOCATED ON KENNEDY RD ACROSS FROM UNITED ALLOY INC.

MOUNTED ON CONCRETE BARRIER TEMPORARY PRECAST
W05-52R
18"X54"

TRAIL CLOSED
R11-2 (MOD.)
48"X30"

WEST 39 90 MILE 170 .4
D10-5A
21"X72"

EAST 39 90 MILE 170 .4
D10-5A
21"X72"

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 1.

N

MATCH LINE STA 1012+00

MATCH LINE STA 1027+00

100' (TYP.)

50' (TYP.)

E4Y

E4W-LL

E4W

+96.7'TSB' 18.0' RT

+00.0'TSB' 12.0' LT

+98.2'TSB' 6.0' RT

+98.2'TSB' 18.0' RT

1012'TSB' 1014'TSB' 1016'TSB' 1018'TSB' 1020'TSB' 1022'TSB' 1024'TSB' 1026'TSB'

1014 1016 1018 1020 1022 1024 1026

+82.0'TSB' 37.3' RT

+32.9'TSB' 34.4' RT

+56.4'TSB' 34.8' RT

+22.7'TSB' 39.0' RT

+98.2'TSB' 30.0' RT

+98.2'TSB' 39.0' RT

KENNEDY RD

BRENTWOOD DR

GLARE SCREEN REQ'D ON BARRIER WALL SEPARATING TRAFFIC
STA. 1011+60'TSB' - 1026+75'TSB'

GAWK SCREEN REQ'D ON BARRIER WALL BETWEEN NB TRAFFIC AND WORK ZONE
STA. 1011+60'TSB' - 1025+00'TSB'

STAY IN LANE
R4-9
48"X60"

TRAIL CLOSED
R11-2 (MOD.)
48"X30"

TRAIL CLOSED AHEAD
W20-3-A (MOD.)

PLACE ON TYPE II BARRICADE ALONG TRAIL NEAR ROCK COUNTY PARKS DIVIVSION PARKING LOT LOCATED AT INTERSECTION OF ROTAMER RD AND TOWNLINE RD.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1227
November 28, 2018

PAVEMENT MARKING LEGEND

E4Y	MARKING LINE EPOXY 4-INCH (YELLOW)
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 1	SHEET 1227	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1227_DETAIL.DWG PLOT DATE : 11/28/2018 11:06 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (11)

WISDOT/CADDS SHEET 42

2

PAVEMENT MARKING LEGEND

E4Y MARKING LINE EPOXY 4-INCH (YELLOW)
E4W MARKING LINE EPOXY 4-INCH (WHITE)

N

OLD KENNEDY RD

OVERLOOK DR

GLARE SCREEN REQ'D ON BARRIER WALL SEPARATING TRAFFIC STA. 1026+75'TSB' - 1033+00'TSB'

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 1.

W03-4GR

PLACE SIGN IN MEDIAN AND OUTSIDE SHOULDER 1250' AHEAD OF SHIFT.

ROAD WORK 1/2 MILE W20-1-G

ROAD WORK 1 MILE W20-1-F

PLACE SIGNS IN MEDIAN AND OUTSIDE SHOULDER AT DISTANCE STATED ON SIGN MEASURED FROM THE SHIFTING WARNING SIGN.

EXITS 171 A-B
14 26
Janesville
Milton
1 MILE

BUSINESSES OPEN DURING CONSTRUCTION

FM-36

PAID FOR AS "TRAFFIC CONTROL SIGNS FIXED MESSAGE" PLACE BELOW EXISTING GUIDE SIGN.

MOUNTED ON CONCRETE BARRIER TEMPORARY PRECAST

W05-52R 12"X36"

CRSAH CUSHION TEMPORARY LOW MAINTENANCE REQ'D

+00.0'TSB' 3.0' RT

E4W

1028'TSB' 1030'TSB' 1032'TSB' 1034'TSB' 1036'TSB' 1038'TSB' 1040'TSB' 1042'TSB'

1028 1030 1032 1034 1036 1038 1040 1042

+82.4'TSB' 46.9' RT

+81.4'TSB' 58.9' RT

+80.5'TSB' 70.9' RT

+79.8'TSB' 79.8' RT

E4Y

E4W

+71.1'TSB' 24.0' LT

+71.3'TSB' 0.0'

50' (TYP.)

MATCH EXISTING PAVEMENT MARKINGS

50' (TYP.)

+71.3'TSB' 12.0' LT

+78.6'TSB' 98.9' RT

+77.7'TSB' 110.9' RT

+76.8'TSB' 122.8' RT

MATCH EXISTING PAVEMENT MARKINGS

STAY IN LANE R4-9 48"X60"

END ROAD WORK G20-2A 48"X24"

KENNEDY RD

ROAD CLOSURE. SEE S.D.D. BARRICADES AND SIGNS FOR MAINLINE CLOSURES, NO POSTED DETOUR.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT (S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

Addendum No. 1
ID 1005-10-77
Revised Sheet 1228
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 1	SHEET 1228	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC-1228.DGN PLOT DATE : 11/28/2018 11:50 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (12)

WISDOT/CADDS SHEET 42

2

STAGE 2, PHASE 1A

CONCURRENT WITH STAGE 2, PHASE 1 - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE WIDENED MEDIAN OF SB IH 39/90 THROUGH THE USE OF THE EXISTING CROSSOVER 'XML' NORTH OF MOUNT ZION AVENUE.
- NB IH 39/90 TRAFFIC WILL SWITCH BACK TO THE EXISTING NB LANES THROUGH THE USE OF AN EXISTING CROSSOVER NORTH OF KENNEDY ROAD.
- SB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE WIDENED OUTSIDE OF SB IH 39/90.
- SB IH 39/90 TRAFFIC WILL SWITCH TO THE EXISTING NB LANES AT THE SOUTH END OF THE PROJECT THROUGH THE USE OF THE EXISTING CROSSOVER 'XML' NORTH OF MOUNT ZION AVENUE.

USH 14 RAMPS

- ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT FOR THE CLOSURE AND DETOUR OF THE NB EXIT RAMP AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- RAMP TRAFFIC WILL REMAIN ON EXISTING RAMPS.

STH 26 RAMPS

- SB ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.
- NB EXIT RAMP WILL REMAIN OPEN TO ALL LANES AT ALL TIMES.
- NB ENTRANCE RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- SB RAMP TRAFFIC AND NB EXIT RAMP TRAFFIC WILL REMAIN ON EXISTING RAMPS.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE CLOSED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

STH 26 RAMPS

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

USH 14 RAMPS

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

USH 14

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

STH 26

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

KENNEDY ROAD

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

RYAN ROAD

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1230A
November 28, 2018

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V. FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURES
  -BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

870 880 890 892 900 910 920 930 940

BEGIN TRAFFIC CONTROL
STA. 863+00.00

S-53-78 S-53-79 R-53-42 R-53-44 (NB HALF) R-53-45 (NB HALF) B-53-339(NB) R-53-48 S-53-80

USH 14 PONTIAC DR DEERFIELD DR

MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Added Sheet 1230B
November 28, 2018

2

END TRAFFIC CONTROL
STA. 1033+00.00

N

950 960 970 980 990 1000 1010 1020 1030 1040

S-53-84 B-53-345(NB) R-53-58 (NB HALF) B-53-347(NB) R-53-59 (NB HALF) R-53-56 (NB HALF) R-53-57 (NB HALF) R-53-55 R-53-54 (NB HALF) B-53-343(NB) R-53-53 (NB HALF) R-53-49 (NB HALF) B-53-341(NB) S-53-83 R-53-48 (SB HALF)

STH 26 WSOR MORSE ST RYAN RD KENNEDY RD KETTERING ST

MATCHLINE STA. 949+00

PROJECT ID 1005-10-77 | PROJECT ID 1005-10-78

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 2, PHASE 1A	SHEET 1230B	E

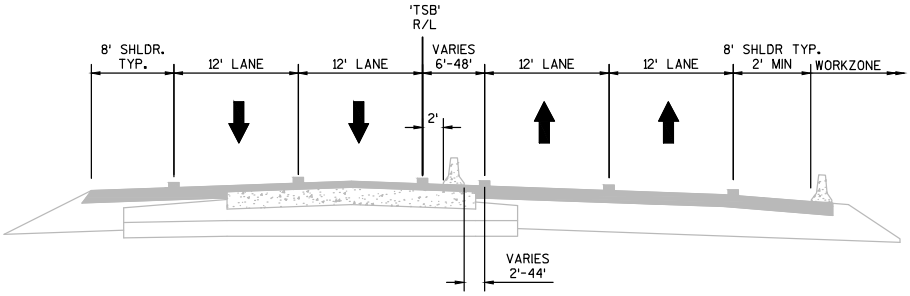
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\TC10-27-2018S2015.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT

LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1230C
November 28, 2018



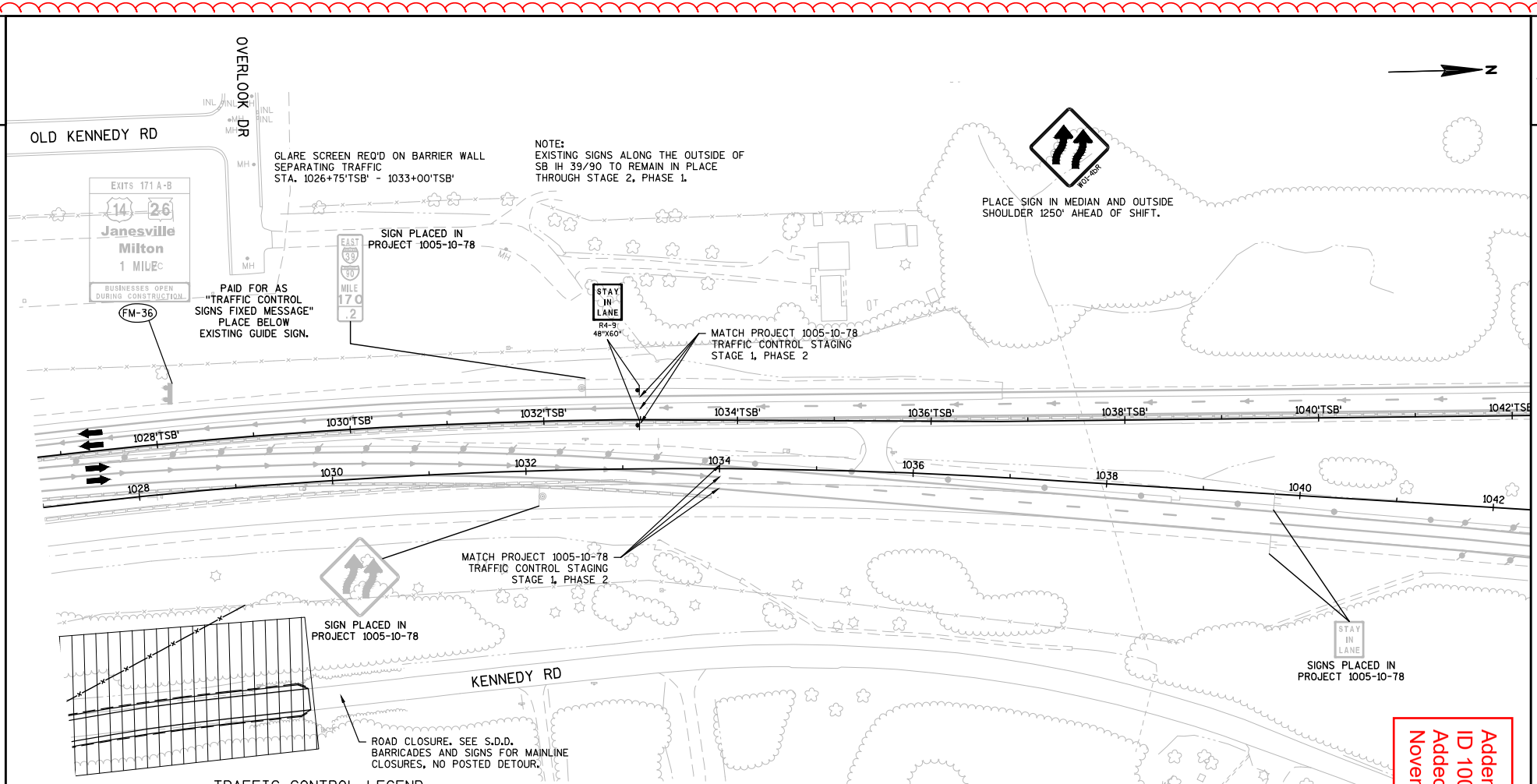
TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1022+98'TSB' - STA. 1034+00'TSB'

LEGEND

CBTP	CONCRETE BARRIER TEMPORARY PRECAST
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4Y	MARKING LINE EPOXY 4-INCH (YELLOW)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)
E4W-EM	MARKING LINE EPOXY 4-INCH (WHITE DOTTED EDGE EXTENSION MARKING - 3 FT LINE, 9 FT SKIP)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 2, PHASE 1A	SHEET 1230C	E



TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT (S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

Addendum No. 1
ID 1005-10-77
Added Sheet 1230D
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 1A	SHEET 1230D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC_1230D.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (12)

WISDOT/CADDS SHEET 42

2

STAGE 2, PHASE 1B

CONCURRENT WITH STAGE 2, PHASE 1 - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE WIDENED MEDIAN OF SB IH 39/90 THROUGH THE USE OF THE EXISTING CROSSOVER 'XML' NORTH OF MOUNT ZION AVENUE.
- SB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE WIDENED OUTSIDE OF SB IH 39/90.
- SB IH 39/90 TRAFFIC WILL SWITCH TO THE EXISTING NB LANES AT THE SOUTH END OF THE PROJECT THROUGH THE USE OF THE EXISTING CROSSOVER 'XML' NORTH OF MOUNT ZION AVENUE.

USH 14 RAMPS

- ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT FOR THE CLOSURE AND DETOUR OF THE NB EXIT RAMP AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- RAMP TRAFFIC WILL REMAIN ON EXISTING RAMPS.

STH 26 RAMPS

- SB ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.
- NB EXIT RAMP WILL REMAIN OPEN TO ALL LANES AT ALL TIMES.
- NB ENTRANCE RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- SB RAMP TRAFFIC AND NB EXIT RAMP TRAFFIC WILL REMAIN ON EXISTING RAMPS.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE CLOSED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1B ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

STH 26 RAMPS

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1B ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

USH 14 RAMPS

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1B ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

USH 14

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1B ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

STH 26

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1B ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

KENNEDY ROAD

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1B ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

RYAN ROAD

- SEE STAGE 2, PHASE 1 - STAGE 2, PHASE 1B ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1230E
November 28, 2018

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURES
  -BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

870 880 890 892 900 910 920 930 940

BEGIN TRAFFIC CONTROL
STA. 863+00.00

S-53-78 S-53-79 R-53-42 R-53-44 (NB HALF) R-53-45 (NB HALF) B-53-339(NB) R-53-48 S-53-80

PONTIAC DR

USH 14

DEERFIELD DR

MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Added Sheet 1230F
November 28, 2018

2

STH 26

MORSE ST

RYAN RD

MATCHLINE STA. 949+00

WSOR

KETTERING ST

KENNEDY RD

950 960 970 980 990 1000 1010 1020 1030 1040

S-53-84 B-53-345(NB) R-53-55 R-53-56 (NB HALF) R-53-57 (NB HALF) R-53-54 (NB HALF) B-53-343(NB) R-53-53 (NB HALF) R-53-49 (NB HALF) B-53-341(NB) S-53-83 R-53-48 (SB HALF) R-53-58 (NB HALF) B-53-347(NB) R-53-59 (NB HALF)

END TRAFFIC CONTROL
STA. 1033+00.00

N

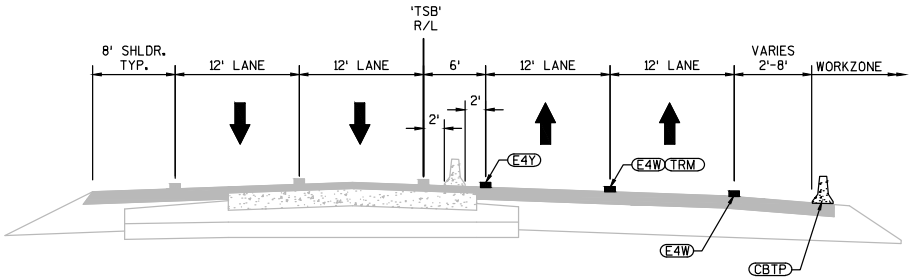
PROJECT ID 1005-10-77 | PROJECT ID 1005-10-78

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 2, PHASE 1B	SHEET 1230F	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC10_PV2018S2B1B.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

Addendum No. 1
ID 1005-10-77
Added Sheet 1230G
November 28, 2018

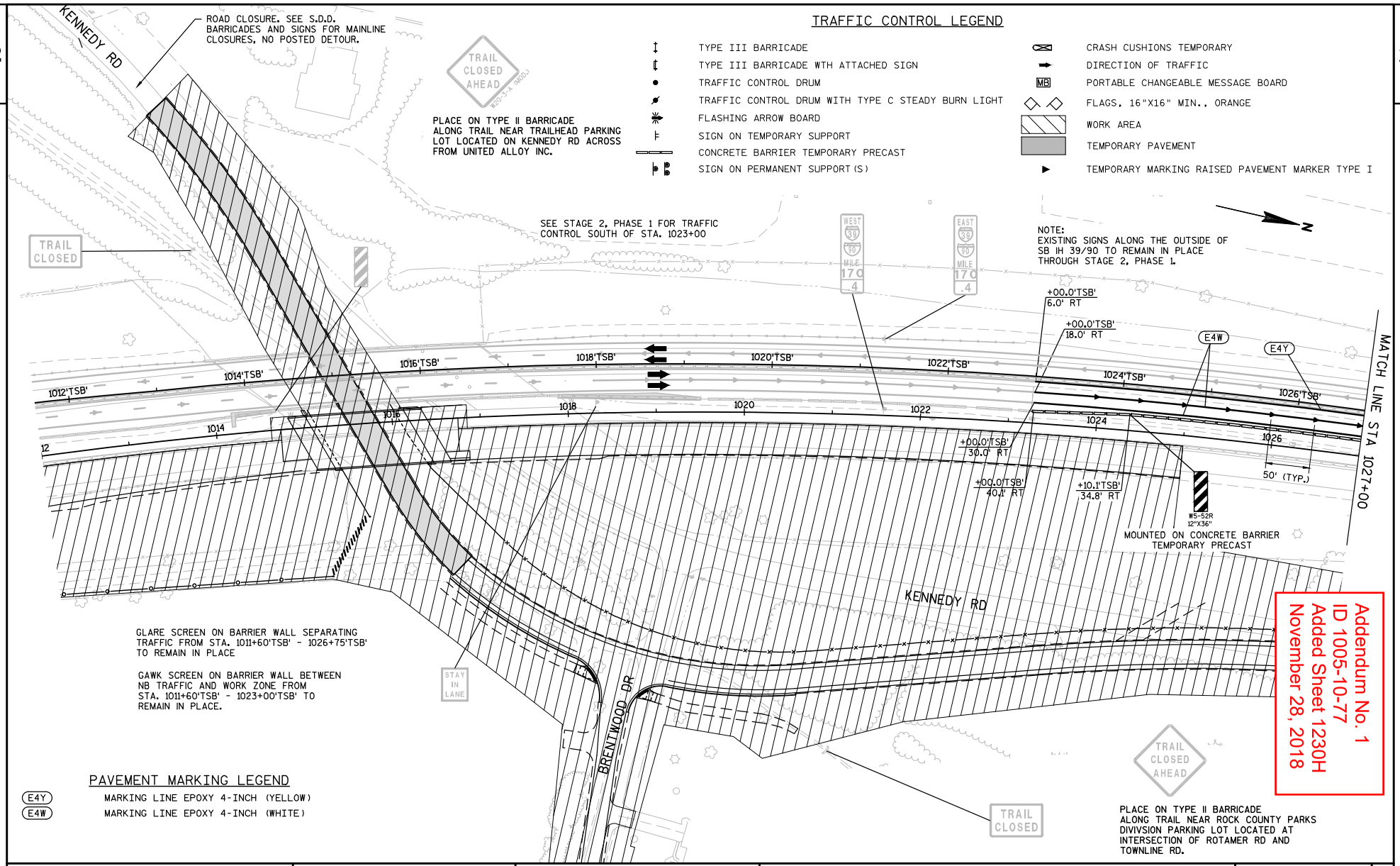


TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1023+00'TSB' - STA. 1033+00'TSB'

LEGEND

CBTP	CONCRETE BARRIER TEMPORARY PRECAST
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4Y	MARKING LINE EPOXY 4-INCH (YELLOW)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)
E4W-EM	MARKING LINE EPOXY 4-INCH (WHITE DOTTED EDGE EXTENSION MARKING - 3 FT LINE, 9 FT SKIP)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
	NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 2, PHASE 1B	SHEET 1230G	E



TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT (S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PAVEMENT MARKING LEGEND

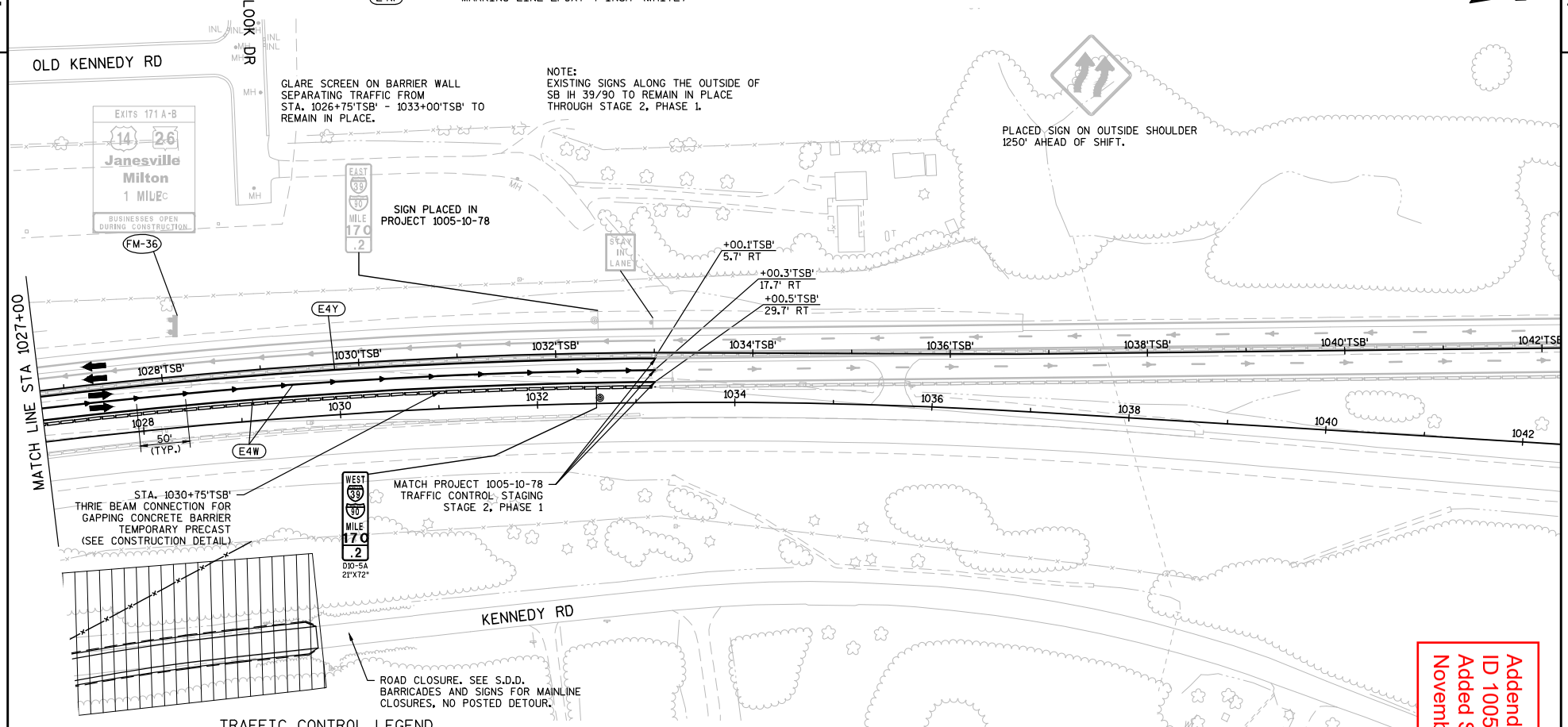
- E4Y — MARKING LINE EPOXY 4-INCH (YELLOW)
- E4W — MARKING LINE EPOXY 4-INCH (WHITE)

Addendum No. 1
ID 1005-10-77
Added Sheet 1230H
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 1B	SHEET 1230H	E

PAVEMENT MARKING LEGEND

E4Y MARKING LINE EPOXY 4-INCH (YELLOW)
E4W MARKING LINE EPOXY 4-INCH (WHITE)



TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

Addendum No. 1
ID 1005-10-77
Added Sheet 12301
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 1B	SHEET 12301	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77 TC12PT2DETAIL3.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (12)

WISDOT/CADDS SHEET 42

2

STAGE 2, PHASE 2

CONCURRENT WITH STAGE 2, PHASE 2 AND STAGE 2, PHASE 2A - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE WIDENED MEDIAN OF SB IH 39/90 THROUGH THE USE OF CROSSOVER 'XML' NORTH OF MOUNT ZION AVENUE.
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE WIDENED OUTSIDE OF SB IH 39/90.
- SB IH 39/90 TRAFFIC WILL SWITCH TO THE EXISTING NB LANES AT THE SOUTH END OF THE PROJECT THROUGH THE USE OF THE EXISTING CROSSOVER 'XML' NORTH OF MOUNT ZION AVENUE UNTIL PROJECT 1005-10-76 SWITCHES FROM STAGE 4, PHASE 2 TO STAGE 5 AT WHICH POINT SB TRAFFIC WILL REMAIN SHIFTED TO THE WIDENED OUTSIDE OF SB IH 39/90.

USH 14 RAMPS

- ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT FOR THE CLOSURE AND DETOUR OF THE NB EXIT RAMP AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- ENTRANCE AND EXIT RAMP TRAFFIC WILL REMAIN ON EXISTING RAMPS EXCEPT FOR A PORTION OF THE NB EXIT RAMP WILL USE A PORTION OF TEMPORARY RAMP 'THB'.

STH 26 RAMPS

- ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.
- NB AND SB EXIT RAMPS ALONG WITH THE SB ENTRANCE RAMP TRAFFIC WILL REMAIN ON EXISTING RAMPS.
- NB ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMP 'CA' ALONG WITH TEMPORARY CROSSOVER 'XCA' CONSTRUCTED IN STAGE 2, PHASE 1.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES USING TEMPORARY PAVEMENT AND PERMANENT PAVEMENT COMPLETED IN STAGE 2, PHASE 1.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- NONE

USH 14 RAMPS

- COMPLETION OF A PORTION OF THE NB EXIT RAMP.
- COMPLETION OF THE REST OF TEMPORARY OFF-RAMP 'THB'.

STH 26 RAMPS

- NONE

USH 14

- MEDIAN WORK AT THE NB RAMP TERMINALS.
- TEMPORARY SIGNALS AT THE NB RAMP TERMINAL ALONG USH 14.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD

- NONE

RYAN ROAD

- NONE

Addendum No. 1
ID 1005-10-77
Revised Sheet 1231
November 28, 2018

2

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

870 880 890 892 900 910 920 930 940

BEGIN TRAFFIC CONTROL
STA. 863+00.00

S-53-78
S-53-79
R-53-42
R-53-44 (NB HALF)
R-53-45 (NB HALF)
B-53-339(NB)
R-53-48
S-53-80

USH 14
PONTIAC DR
DEERFIELD DR
MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1232
November 28, 2018

MORSE ST
STH 26
RYAN RD
MATCHLINE STA. 949+00
WSOR
KETTERING ST
KENNEDY RD

950 960 970 980 990 1000 1010 1020 1030 1040

S-53-84
R-53-54 (NB HALF)
B-53-343(NB)
R-53-53 (NB HALF)
R-53-49 (NB HALF)
B-53-341(NB)
S-53-83
R-53-48 (SB HALF)

N

PROJECT ID 1005-10-77 | PROJECT ID 1005-10-78

END TRAFFIC CONTROL
STA. 1033+00.00

2

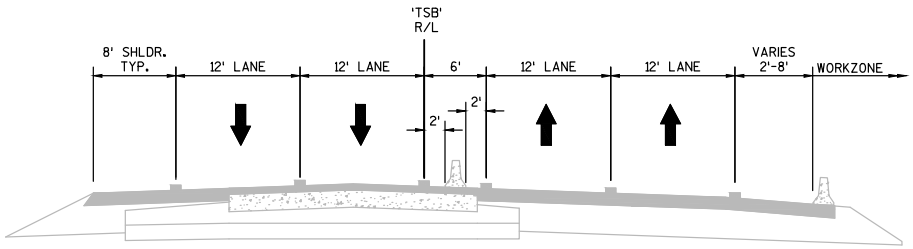
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 2, PHASE 2	SHEET 1232	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\TC10V28V2018S2239.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ####

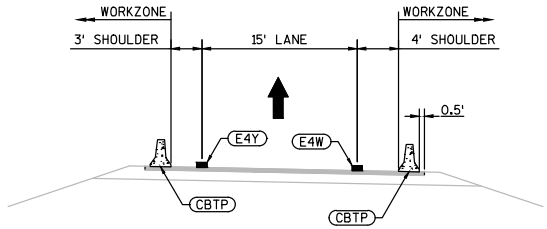
WISDOT/CADDS SHEET 44

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1236
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1022+98'TSB' - STA. 1033+00'TSB'



TRAFFIC CONTROL TYPICAL SECTION
TEMPORARY USH 14 NB OFF-RAMP
TEMPORARY USH 14 NB ON-RAMP
TEMPORARY STH 26 NB OFF-RAMP
TEMPORARY STH 26 NB ON-RAMP 'CA'
TEMPORARY STH 26 NB ON-RAMP CROSSOVER 'XCA'

LEGEND

CBTP	CONCRETE BARRIER TEMPORARY PRECAST
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4Y	MARKING LINE EPOXY 4-INCH (YELLOW)
	NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

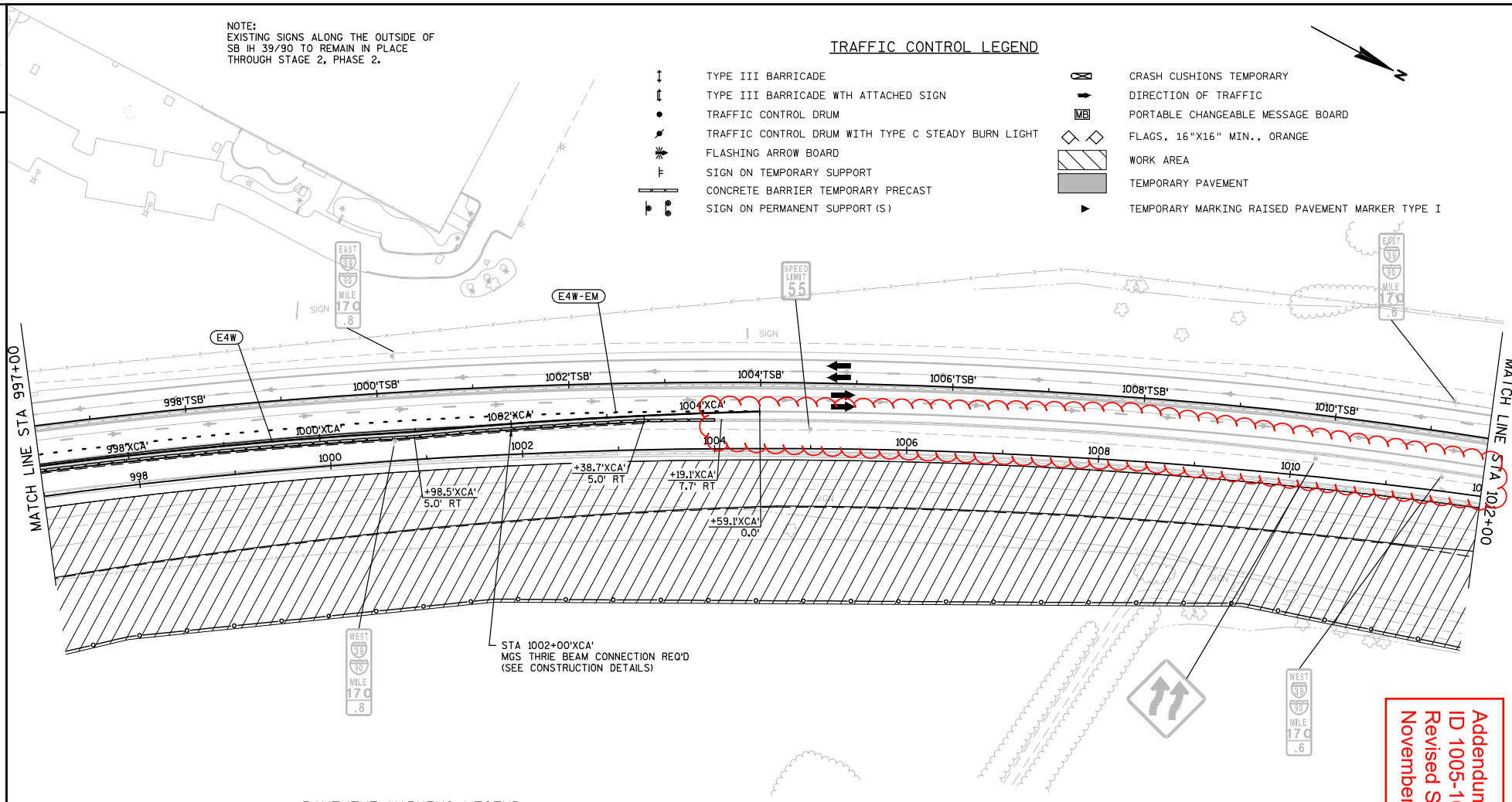
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 2, PHASE 2	SHEET 1236	E

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF
SB IH 39/90 TO REMAIN IN PLACE
THROUGH STAGE 2, PHASE 2.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT (S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



PAVEMENT MARKING LEGEND

E4W — MARKING LINE EPOXY 4-INCH (WHITE)

E4W-EM — MARKING LINE EPOXY 4-INCH (WHITE DOTTED EDGE EXTENSION MARKING - 3 FT LINE, 9 FT SKIP)

GAWK SCREEN REQ'D ON BARRIER WALL
BETWEEN NB ON-RAMP AND WORK ZONE
STA. 997+07'XCA' - 1004+19'XCA'

Addendum No. 1
ID 1005-10-77
Revised Sheet 1248
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 2	SHEET 1248	E

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 2.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

TRAIL CLOSED AHEAD

PLACE ON TYPE II BARRICADE ALONG TRAIL NEAR TRAILHEAD PARKING LOT LOCATED ON KENNEDY RD ACROSS FROM UNITED ALLOY INC.

TRAIL CLOSED

SEE TRAFFIC CONTROL: TEMP KENNEDY ROAD (STAGE 2, PHASE 2 - STAGE 3) FOR TRAFFIC CONTROL ON KENNEDY ROAD

WEST 39 90 MILE 170 .4

EAST 39 90 MILE 170 .4

N

KENNEDY RD

210'TKY'

212'TKY'

214'TKY'

216'TKY'

MATCH LINE STA 1012+00

1012'TSB'

1014'TSB'

1016'TSB'

1018'TSB'

1020'TSB'

1022'TSB'

1024'TSB'

1026'TSB'

1014

1016

1018

1020

1022

1024

1026

MATCH LINE STA 1027+00

STAY IN LANE

KENNEDY RD

BRENTWOOD DR

TRAIL CLOSED AHEAD

TRAIL CLOSED

PLACE ON TYPE II BARRICADE ALONG TRAIL NEAR ROCK COUNTY PARKS DIVIVSION PARKING LOT LOCATED AT INTERSECTION OF ROTAMER RD AND TOWNLINE RD.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1249
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 2	SHEET 1249	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S2P2_DETAIL.DWG PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S2P2_DETAIL - NB - (11)

WISDOT/CADDS SHEET 42

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 2.

N

OLD KENNEDY RD

OVERLOOK DR

EXITS 171 A-B

14 26

Janesville

Milton

1 MILE

BUSINESSES OPEN DURING CONSTRUCTION

PLACED IN STAGE 2, PHASE 1

FM-36

SIGN PLACED IN PROJECT 1005-10-78

EAST 39 90 MILE 170 .2

STAY IN LANE

TRAFFIC CONTROL DEVICES AND SIGNS INSTALLED UNDER PROJECT 1005-10-78.

SIGN PLACED ON OUTSIDE SHOULDER 1250' AHEAD OF SHIFT.

MATCH LINE STA 1027+00

1028'TSB' 1030'TSB' 1032'TSB' 1034'TSB' 1036'TSB' 1038'TSB' 1040'TSB'

1028 1030 1032 1034 1036 1038 1040

WEST 39 90 MILE 170 .2

KENNEDY RD

Addendum No. 1
ID 1005-10-77
Revised Sheet 1250
November 28, 2018

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 2	SHEET 1250	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S2P2_DETAIL.DWG PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S2P2_DETAIL - NB - (12)

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

870 880 890 892 900 910 920 930 940

BEGIN TRAFFIC CONTROL
STA. 863+00.00

S-53-78
S-53-79
R-53-42
S-53-90
R-53-44 (NB HALF)
R-53-45 (NB HALF)
B-53-339(NB)
R-53-48
S-53-80

USH 14
PONTIAC DR
DEERFIELD DR
MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1258
November 28, 2018

2

MORSE ST
STH 26
WSOR
RYAN RD
MATCHLINE STA. 949+00
KETTERING ST
KENNEDY RD

950 960 970 980 990 1000 1010 1020 1030 1040

S-53-84
R-53-54 (NB HALF)
B-53-343(NB)
R-53-53 (NB HALF)
R-53-49 (NB HALF)
B-53-341(NB)
S-53-83
R-53-48 (NB HALF)

N

PROJECT ID 1005-10-77 | PROJECT ID 1005-10-78

END TRAFFIC CONTROL
STA. 1033+00.00

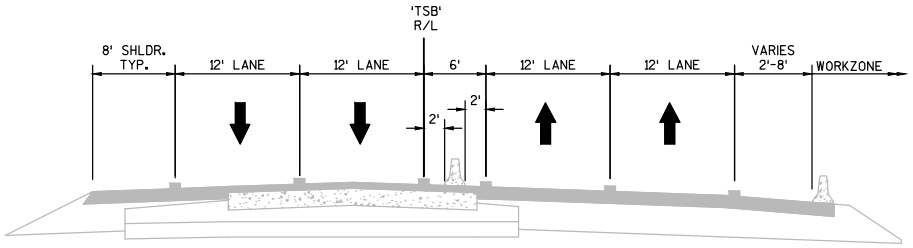
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 2, PHASE 3	SHEET 1258	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC10V28V2018S2233.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

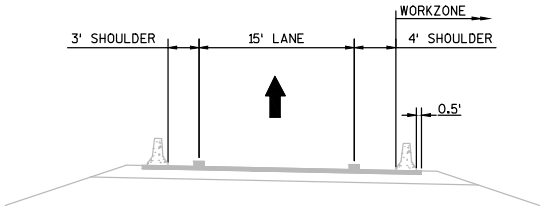
WISDOT/CADDS SHEET 44

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1261
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1022+98'TSB' - STA. 1033+00'TSB'



TRAFFIC CONTROL TYPICAL SECTION
TEMPORARY USH 14 NB OFF-RAMP 'THB'
TEMPORARY STH 26 NB ON-RAMP 'CA'
TEMPORARY STH 26 NB ON-RAMP CROSSOVER 'XCA'

LEGEND

CBTP	CONCRETE BARRIER TEMPORARY PRECAST
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4Y	MARKING LINE EPOXY 4-INCH (YELLOW)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)

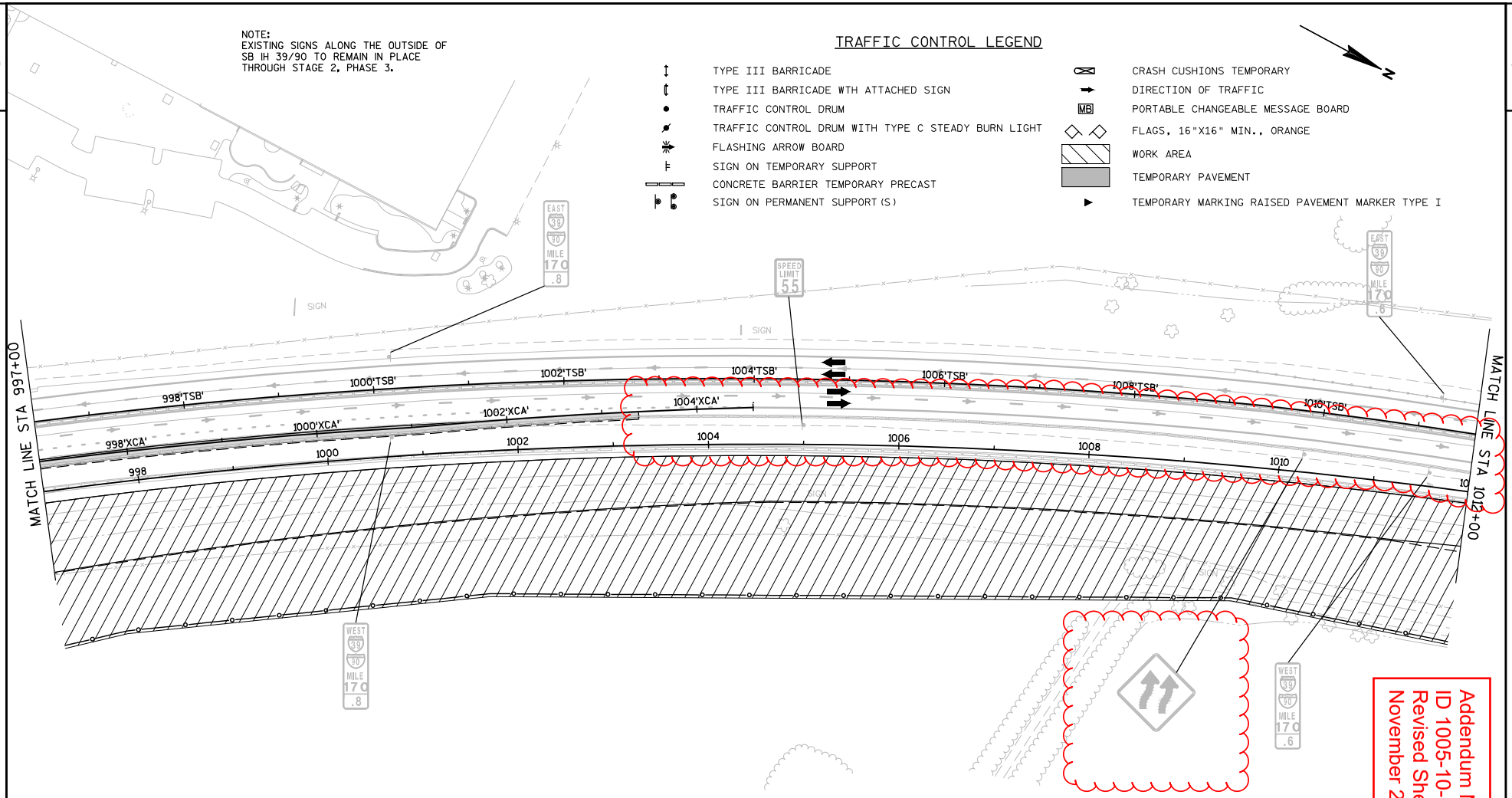
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 3.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Revised Sheet 1272
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 3	SHEET 1272	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\TC1272.DWG PLOT DATE : 11/27/2018 16:06 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (10)

WISDOT/CADDS SHEET 42

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 3.

TRAIL CLOSED AHEAD

PLACE ON TYPE II BARRICADE ALONG TRAIL NEAR TRAILHEAD PARKING LOT LOCATED ON KENNEDY RD ACROSS FROM UNITED ALLOY INC.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

SEE TRAFFIC CONTROL: TEMP KENNEDY ROAD (STAGE 2, PHASE 2 - STAGE 3) FOR TRAFFIC CONTROL ON KENNEDY ROAD

TRAIL CLOSED

KENNEDY RD

210'TKY'

212'TKY'

214'TKY'

216'TKY'

MATCH LINE STA 1012+00

MATCH LINE STA 1027+00

1012'TSB' 1014'TSB' 1016'TSB' 1018'TSB' 1020'TSB' 1022'TSB' 1024'TSB' 1026'TSB'

1012 1014 1016 1018 1020 1022 1024 1026

WEST 39 90 MILE 170 .4

EAST 39 90 MILE 170 .4

STAY IN LANE

BRENTWOOD DR

KENNEDY RD

TRAIL CLOSED AHEAD

TRAIL CLOSED

PLACE ON TYPE II BARRICADE ALONG TRAIL NEAR ROCK COUNTY PARKS DIVIVSION PARKING LOT LOCATED AT INTERSECTION OF ROTAMER RD AND TOWNLINE RD.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1273
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 3	SHEET 1273	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\TC1273.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (11)

WISDOT/CADDS SHEET 42

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF
SB IH 39/90 TO REMAIN IN PLACE
THROUGH STAGE 2, PHASE 3.

N

OLD KENNEDY RD

OVERLOOK DR

EXITS 171 A-B
14 26
Janesville
Milton
1 MILE
BUSINESSES OPEN DURING CONSTRUCTION

WEST 39 90 MILE 170 .2

SIGN PLACED IN
PROJECT 1005-10-78

SIGN PLACED ON OUTSIDE
SHOULDER 1250' AHEAD OF SHIFT.

PLACED IN STAGE 2, PHASE 1
FM-36

TRAFFIC CONTROL DEVICES AND
SIGNS INSTALLED UNDER
PROJECT 1005-10-78.

STAY IN LANE

MATCH LINE STA 1027+00

1028'TSB' 1030'TSB' 1032'TSB' 1034'TSB' 1036'TSB' 1038'TSB' 1040'TSB'

1028 1030 1032 1034 1036 1038 1040

KENNEDY RD

Addendum No. 1
ID 1005-10-77
Revised Sheet 1274
November 28, 2018

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 3	SHEET 1274	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025TC01.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (12)

2

STAGE 2, PHASE 4

CONCURRENT WITH STAGE 2, PHASE 3 - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AND THE CLOSURE OF THE NB AUXILIARY LANE BETWEEN USH 14 AND STH 26 AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE WIDENED MEDIAN OF SB IH 39/90 THROUGH THE USE OF CROSSOVER 'XML' NORTH OF MOUNT ZION AVENUE.
- NB IH 39/90 TRAFFIC WILL REMAIN ON THE WIDENED MEDIAN OF SB IH 39/90 AT THE NORTH END OF THE PROJECT.
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE WIDENED OUTSIDE OF SB IH 39/90.

USH 14 RAMPS

- NB AND SB EXIT RAMPS AND THE SB ENTRANCE RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE NB ENTRANCE RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- SB EXIT AND ENTRANCE RAMP TRAFFIC WILL REMAIN ON EXISTING RAMPS.
- NB EXIT RAMP TRAFFIC WILL USE A PORTION OF THE NB IH 39/90 LANES AND RAMP 'HB' COMPLETED IN STAGE 2, PHASE 3.

STH 26 RAMPS

- NB AND SB ENTRANCE RAMPS AND THE SB EXIT RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE NB EXIT RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- SB EXIT AND ENTRANCE RAMPS WILL REMAIN ON EXISTING LANES.
- NB ENTRANCE RAMP TRAFFIC WILL USE RAMP 'CA' ALONG WITH TEMPORARY ON-RAMP CROSSOVER 'XCA' CONSTRUCTED IN STAGE 2, PHASE 1.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES USING TEMPORARY AND PERMANENT PAVEMENT COMPLETED IN STAGE 2, PHASE 1.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- NB PAVEMENT TO ACCOMMODATE TRAFFIC AND TRAFFIC CONTROL DEVICES AS SHOWN IN STAGE 3.
- ~~STRUCTURES B-53-339, B-53-341, B-53-343, S-53-80, S-53-83, AND S-53-84.~~
- CD ROAD POLYMER OVERLAY OF STRUCTURES B-53-339, B-53-341, B-53-343, AND B-53-345.
- ~~NB HALF OF STRUCTURES R-53-44, R-53-45, R-53-48, R-53-49, R-53-53, AND R-53-54.~~

USH 14 RAMPS

- COMPLETE NB ENTRANCE RAMP 'HA'.

STH 26 RAMPS

- COMPLETE NB EXIT RAMP 'CB'.

USH 14

- SIGNALS AT THE NB ENTRANCE RAMP TERMINAL 'HA' ALONG USH 14

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD

- NONE

RYAN ROAD

- NONE

Addendum No. 1
ID 1005-10-77
Revised Sheet 1277
November 28, 2018

GENERAL NOTES

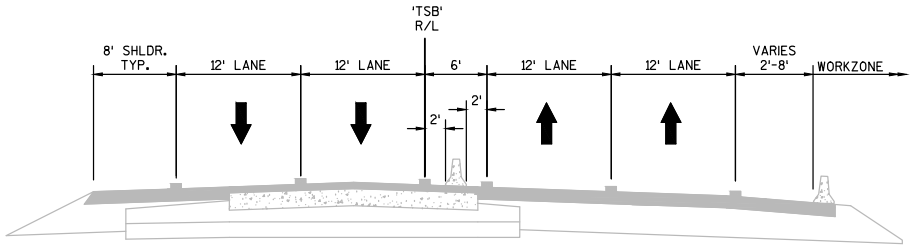
- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A 5' MINIMUM HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE WISCONSIN SUPPLEMENT TO THE MUTCD, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST, 12'-6" SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

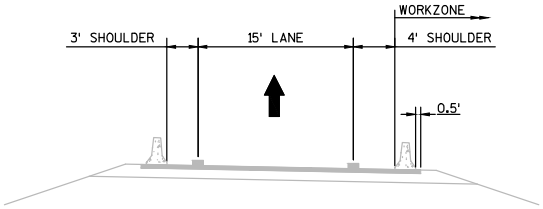
  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1022+98'TSB' - STA. 1033+00'TSB'



TRAFFIC CONTROL TYPICAL SECTION

TEMPORARY USH 14 NB OFF-RAMP 'THB'
TEMPORARY STH 26 NB ON-RAMP 'CA'
TEMPORARY STH 26 NB ON-RAMP CROSSOVER 'XCA'

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1281
November 28, 2018

2

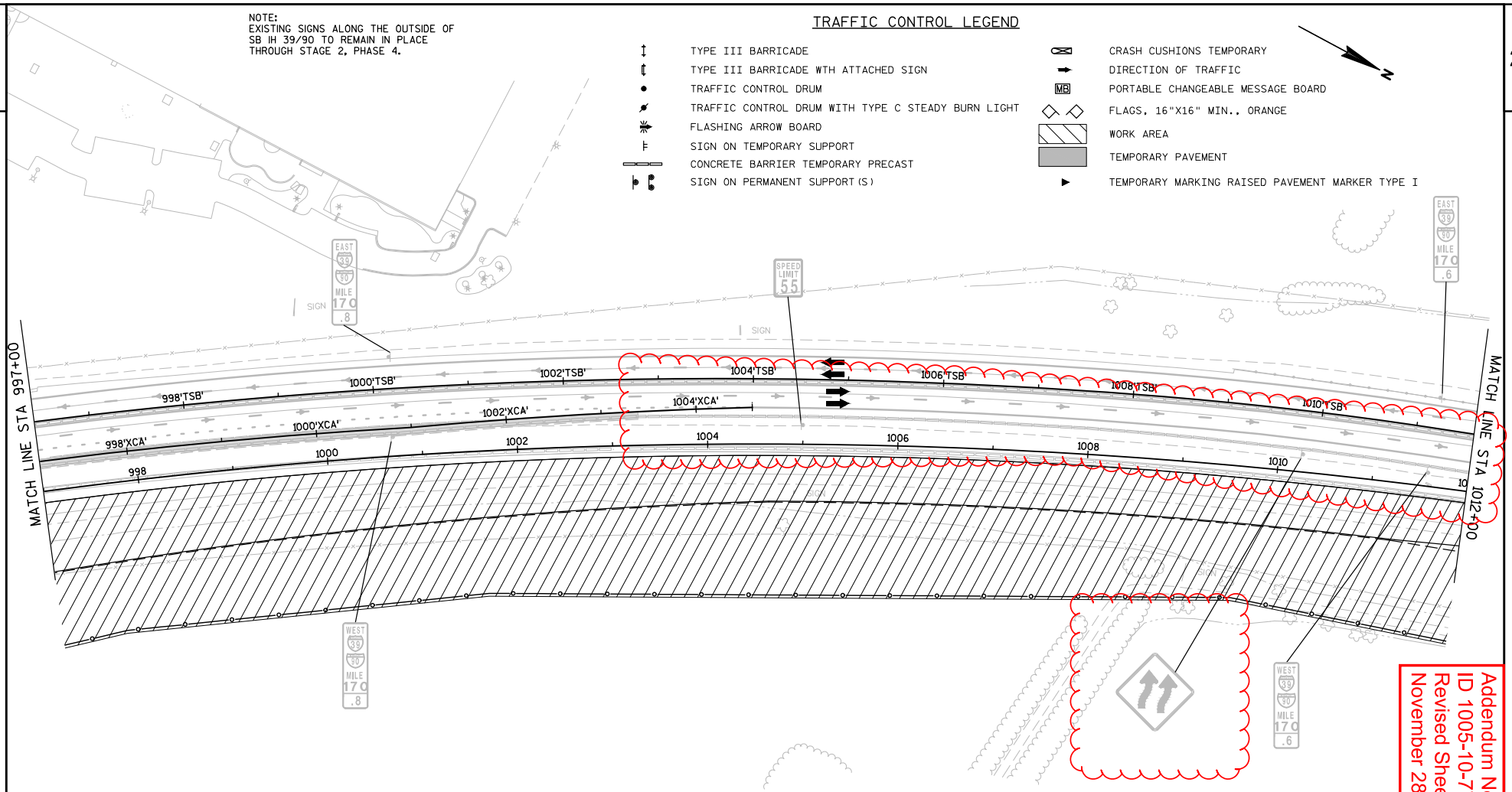
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 2, PHASE 4	SHEET 1281	E

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 2, PHASE 4.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Revised Sheet 1292
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 4	SHEET 1292	E

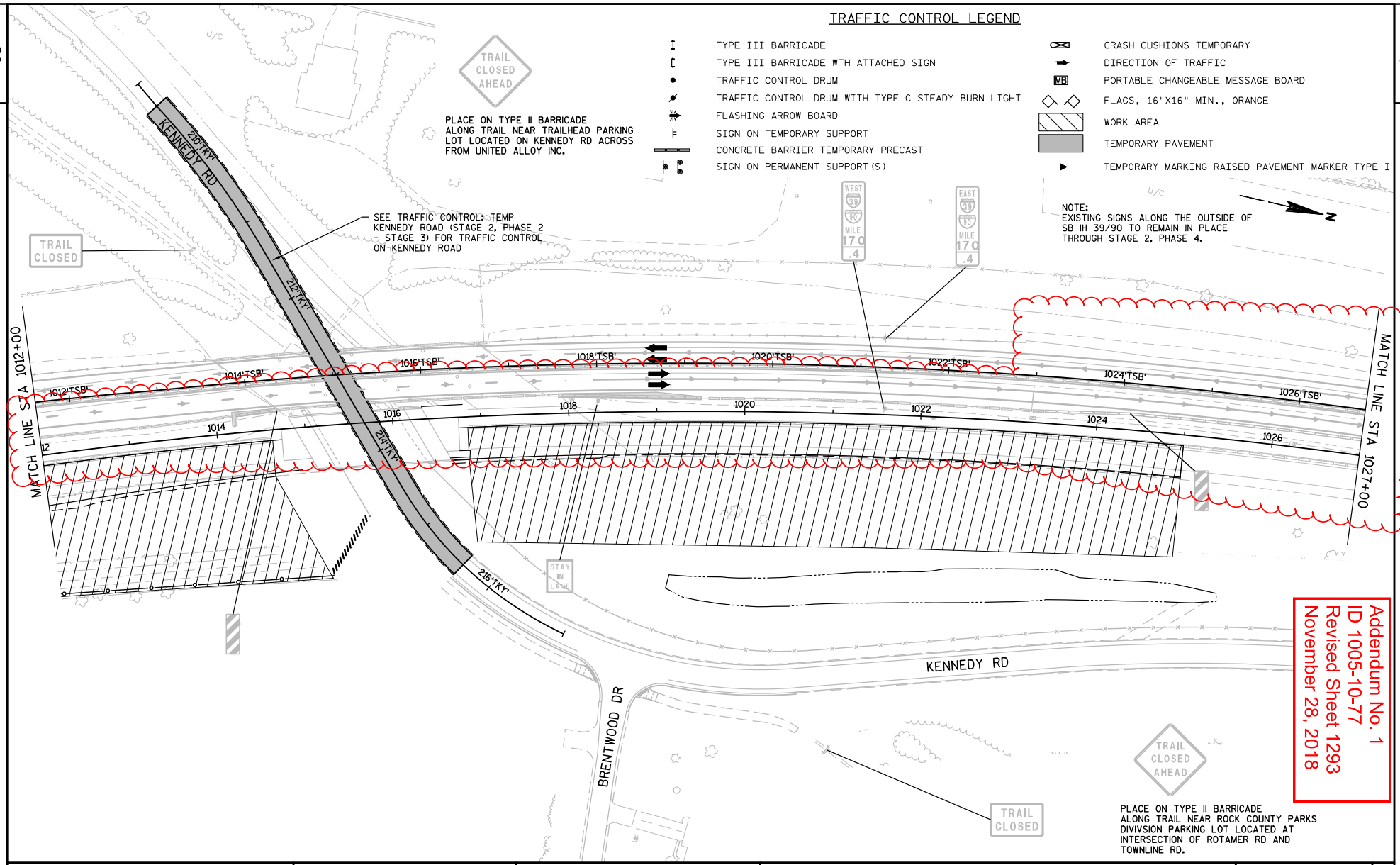
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\WSW10-11032_TC1292.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (10)

WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



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PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 4	SHEET 1293	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1220_201811.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (11)

WISDOT/CADDS SHEET 42

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF
SB IH 39/90 TO REMAIN IN PLACE
THROUGH STAGE 2, PHASE 4.

N

2

OLD KENNEDY RD

OVERLOOK DR

EXITS 171 A-B
14 26
Janesville
Milton
1 MILE
BUSINESSES OPEN DURING CONSTRUCTION

PLACED IN STAGE 2, PHASE 1

FM-36

EAST 39 90 MILE 170 .2

SIGN PLACED IN
PROJECT 1005-10-78

SIGN PLACED IN MEDIAN AND OUTSIDE
SHOULDER 1250' AHEAD OF SHIFT.

TRAFFIC CONTROL DEVICES AND
SIGNS INSTALLED UNDER
PROJECT 1005-10-78.

MATCH LINE STA 1027+00

1028'TSB' 1030'TSB' 1032'TSB' 1034'TSB' 1036'TSB' 1038'TSB' 1040'TSB'

1028 1030 1032 1034 1036 1038 1040

WEST 39 90 MILE 170 .2

KENNEDY RD

Addendum No. 1
ID 1005-10-77
Revised Sheet 1294
November 28, 2018

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 2, PHASE 4	SHEET 1294	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1294.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (12)

WISDOT/CADDS SHEET 42

2

STAGE 3

CONCURRENT WITH STAGE 3 - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- ~~NB IH 39/90 TRAFFIC WILL USE THE NEW NB IH 39/90 PAVEMENT.~~
- NB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE WIDENED MEDIAN OF SB IH 39/90 THROUGH THE USE OF THE 'XB' CROSSOVER CONSTRUCTED UNDER PROJECT 1005-10-78 SOUTH OF TOWNLINE ROAD.
- ~~SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE WIDENED OUTSIDE OF SB IH 39/90.~~

USH 14 RAMPS

- ALL RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW NB RAMPS 'HB' AND 'HA', RESPECTIVELY.
- SB EXIT AND ENTRANCE RAMP TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26 RAMPS

- ALL RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW NB RAMPS 'CB' AND 'CA', RESPECTIVELY.
- SB EXIT AND ENTRANCE RAMP TRAFFIC WILL REMAIN ON EXISTING LANES.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES USING TEMPORARY AND PERMANENT PAVEMENT COMPLETED IN STAGE 2, PHASE 1.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- NB PAVEMENT TO ACCOMODATE TRAFFIC AND TRAFFIC CONTROL DEVICES AS SHOWN IN STAGE 4, PHASE 1.
- SB TEMPORARY RAMP CROSSOVER 'XCD' FOR THE SB EXIT RAMP TO STH 26 TO BE USED IN STAGE 4, PHASE 1.
- SB TEMPORARY RAMP CROSSOVER 'XHC' FOR THE SB ENTRANCE RAMP FROM USH 14 TO BE USED IN STAGE 4, PHASE 1.

USH 14 RAMPS

- COMPLETION OF A PORTION OF THE SB ENTRANCE RAMP ALONG WITH TEMPORARY RAMP 'THC' FOR CONNECTIONS TO USH 14 AND SB IH 39/90.
- TEMPORARY SIGNALS AT THE SB RAMP TERMINALS ALONG USH 14.

STH 26 RAMPS

- COMPLETE TEMPORARY SB OFF-RAMP CROSSOVER 'XCD'

USH 14

- TEMPORARY PAVEMENT IN THE MEDIAN AT THE SB RAMP TERMINAL ALONG USH 14.
- COMPLETE TEMPORARY SB ON-RAMP, CROSSOVER 'XHC' AND TEMPORARY SB ON-RAMP 'THC'

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD

- NONE

RYAN ROAD

- NONE

Addendum No. 1
ID 1005-10-77
Revised Sheet 1297
November 28, 2018

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATIONS - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

870 880 890 892 900 910 920 930 940

BEGIN TRAFFIC CONTROL
STA. 863+00.00

USH 14

PONTIAC DR

DEERFIELD DR

MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1298
November 28, 2018

MORSE ST

STH 26

RYAN RD.

WSOR

950 960 970 980 990 1000 1010 1020 1030

KENNEDY RD

KETTERING ST

MATCHLINE STA. 949+00

MATCHLINE STA. 1040+00

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 3	SHEET 1298	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\TC10V28V2018S1.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT

LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

END TRAFFIC CONTROL
STA. 1097+00.00

N

TOWNLINE RD

CROSSOVER 'XB'

MATCHLINE STA. 1040+00

40 1050 1060 1070 1080 1090 1100 1110 1120

PROJECT ID 1005-10-77

PROJECT ID 1005-10-78

Addendum No. 1
ID 1005-10-77
Added Sheet 1298A
November 28, 2018

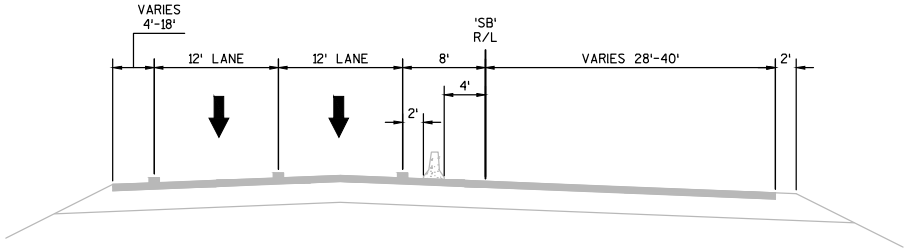
PROJECT NO: 1005-10-76	HWY: IH 39/90	COUNTY: ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 3	SHEET 1298A	E

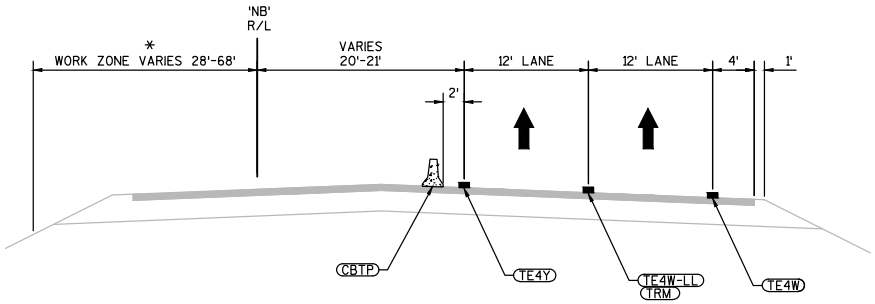
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-76 TC OVERVIEW 1298.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT

LAYOUT NAME - ****

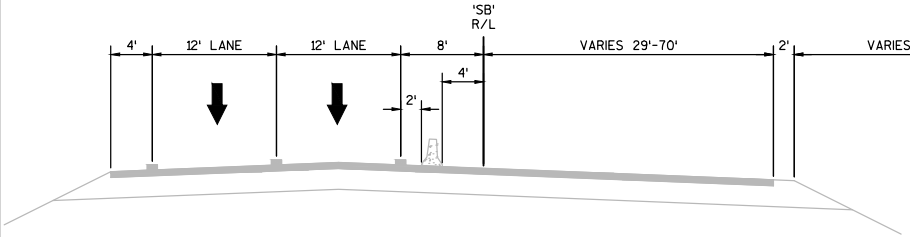
WISDOT/CADDS SHEET 44

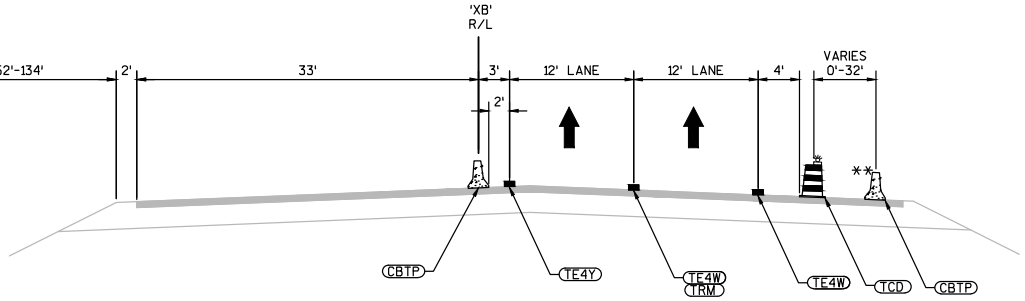
2





TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1025+00'NB' - STA. 1069+50'NB'





TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1069+50'XB' - STA. 1081+00'XB'

**STA 1078+75'XB' - STA 1081+00'XB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1304A
November 28, 2018

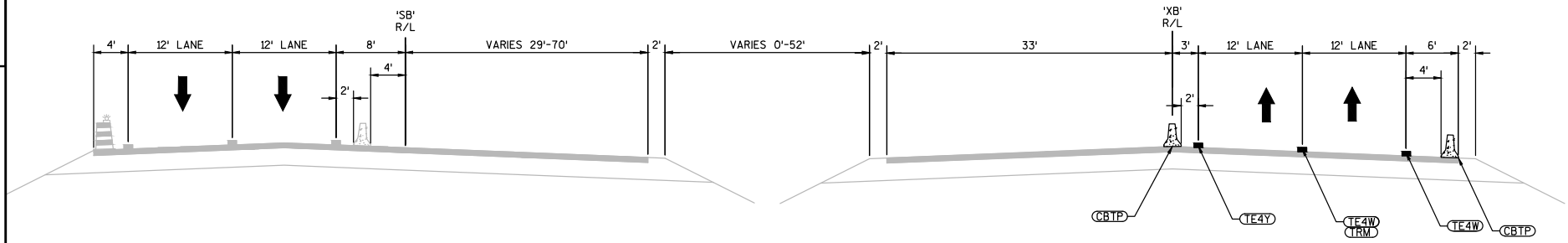
LEGEND

TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 3	SHEET 1304A	E

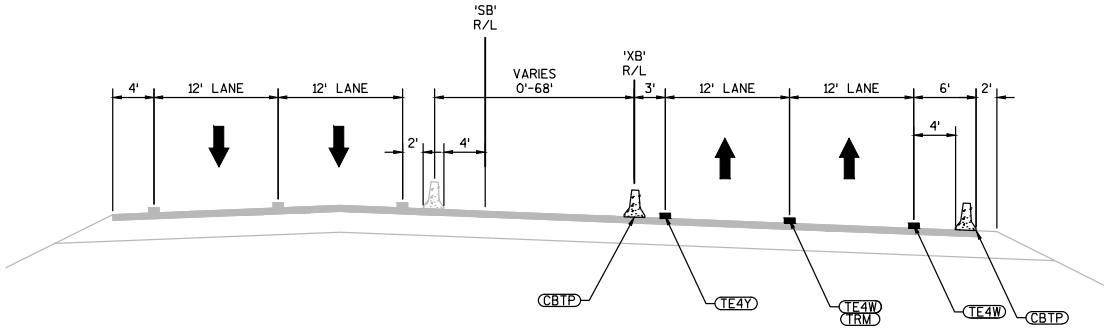
2



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90

STA. 1081+00'XB' - STA. 1085+50'XB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90

STA. 1085+50'XB' - STA. 1097+00'XB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1304B
November 28, 2018

LEGEND

TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

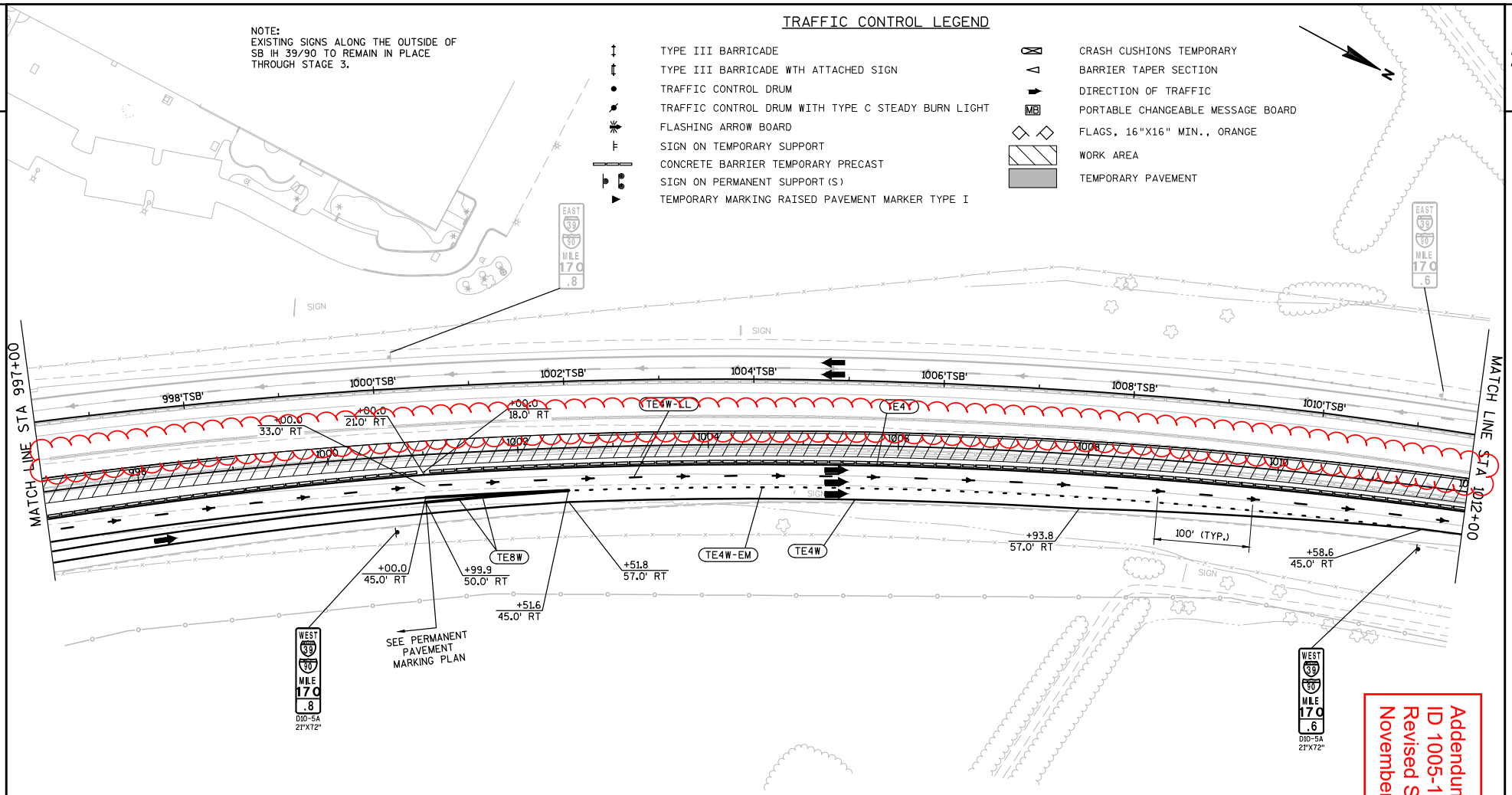
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 3	SHEET 1304B	E

2

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 3.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I
- CRASH CUSHIONS TEMPORARY
- BARRIER TAPER SECTION
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT



PAVEMENT MARKING LEGEND

TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)
TE4W-EM	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE DOTTED EDGE EXTENSION MARKING - 3 FT LINE, 9 FT SKIP)
TE8W	TEMPORARY MARKING LINE EPOXY 8-INCH (WHITE)

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

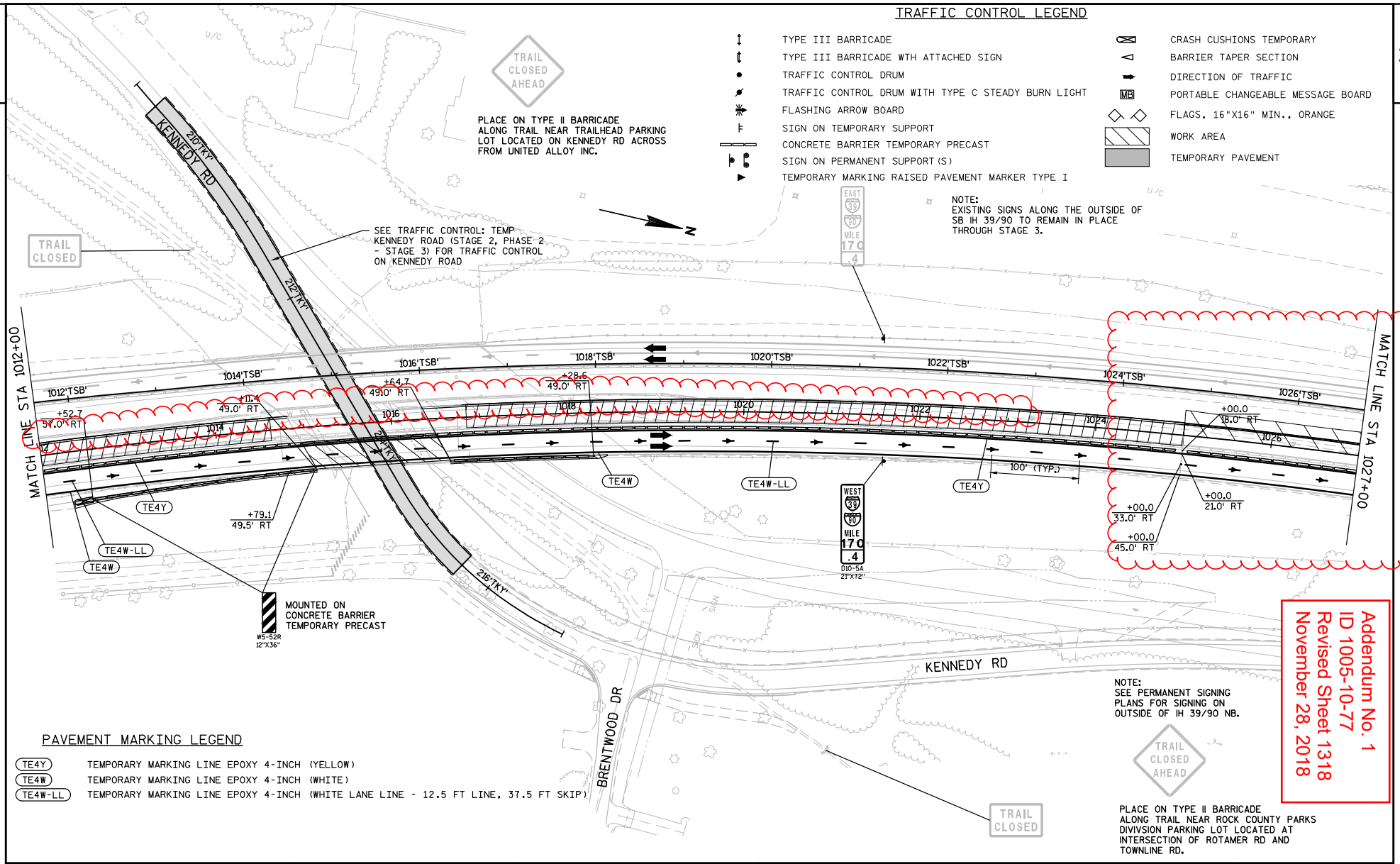
Addendum No. 1
ID 1005-10-77
Revised Sheet 1317
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 3	SHEET 1317	E

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I
- CRASH CUSHIONS TEMPORARY
- BARRIER TAPER SECTION
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT



PAVEMENT MARKING LEGEND

TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

Addendum No. 1
ID 1005-10-77
Revised Sheet 1318
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 3	SHEET 1318	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC13_STAGE 3.DWG 11/28/2018 10:55 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (11)

WISDOT/CADDS SHEET 42

2

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB.

NOTE:
EXISTING SIGNS ALONG THE OUTSIDE OF SB IH 39/90 TO REMAIN IN PLACE THROUGH STAGE 3.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1319
November 28, 2018

OLD KENNEDY RD

OVERLOOK DR

EXITS 171 A-B
14 26
Janesville
Milton
1 MILE
BUSINESSES OPEN DURING CONSTRUCTION

EAST 39 90 MILE 170 .2

SIGN PLACED IN PROJECT 1005-10-78

PLACED IN STAGE 2, PHASE 1

FM-36

MOUNTED ON CONCRETE BARRIER TEMPORARY PRECAST

W5-52R 12"X36"

TRAFFIC CONTROL DEVICES INSTALLED UNDER PROJECT 1005-10-78

MATCH LINE STA 1027+00

1028'TSB' 1030'TSB' 1032'TSB' 1034'TSB' 1036'TSB' 1038'TSB' 1040'TSB'

1028 1030 1032 1034 1036 1038 1040

100' (TYP.)

+65.9 50.2' RT

+98.3 49.0' RT

TE4W

TE4W-LL

TE4Y

MATCH LINE STA 1042+00

EMERGENCY PARKING 1/4 MILE

R8-53 18"X36"

WEST 39 90 MILE 170 .2

D10-5A 21"X72"

KENNEDY RD

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I
- CRASH CUSHIONS TEMPORARY
- BARRIER TAPER SECTION
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT

PAVEMENT MARKING LEGEND

TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

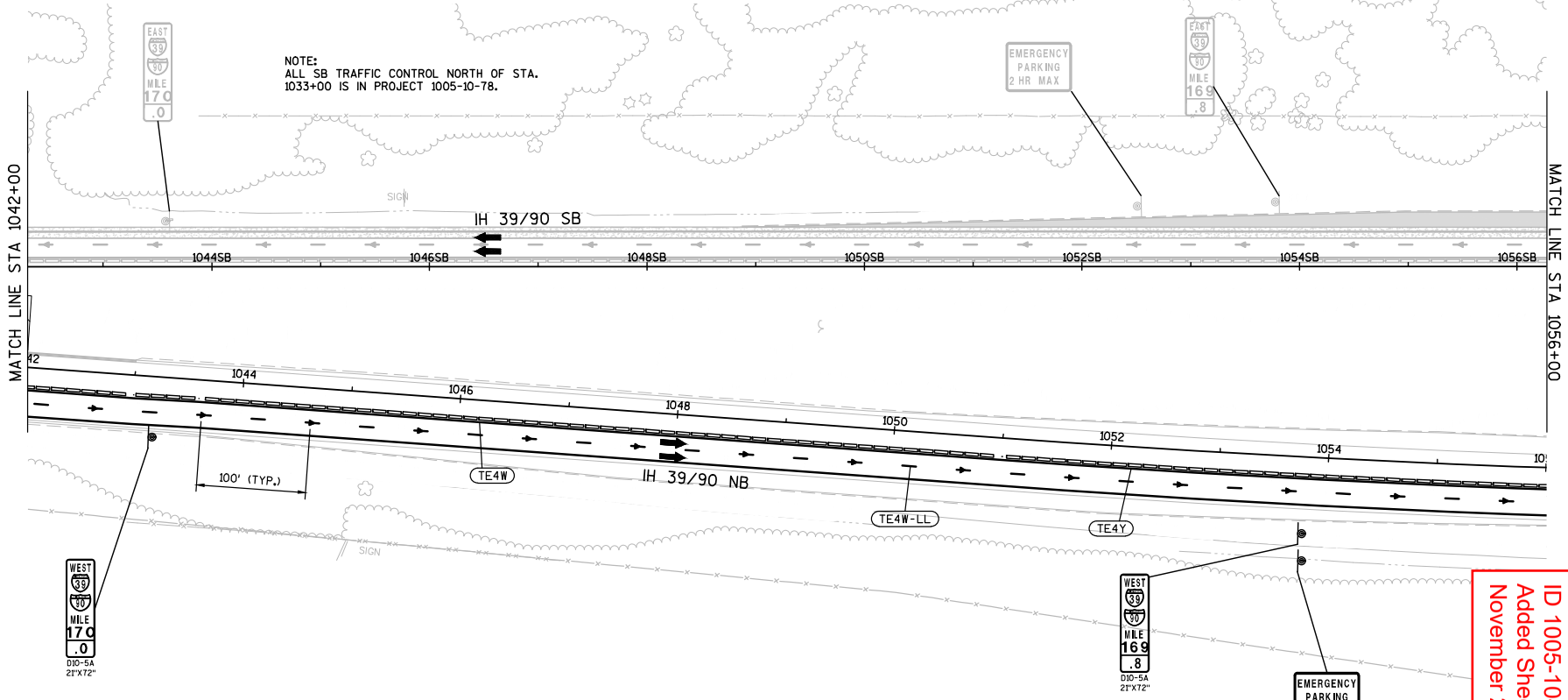
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 3	SHEET 1319	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB.

NOTE:
ALL SB TRAFFIC CONTROL NORTH OF STA. 1033+00 IS IN PROJECT 1005-10-78.



PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

Addendum No. 1
ID 1005-10-77
Added Sheet 1319A
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 3	SHEET 1319A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC-1328-F2018-78024A0_DETAIL.DWG PLOTTED BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - SHEET - (2)

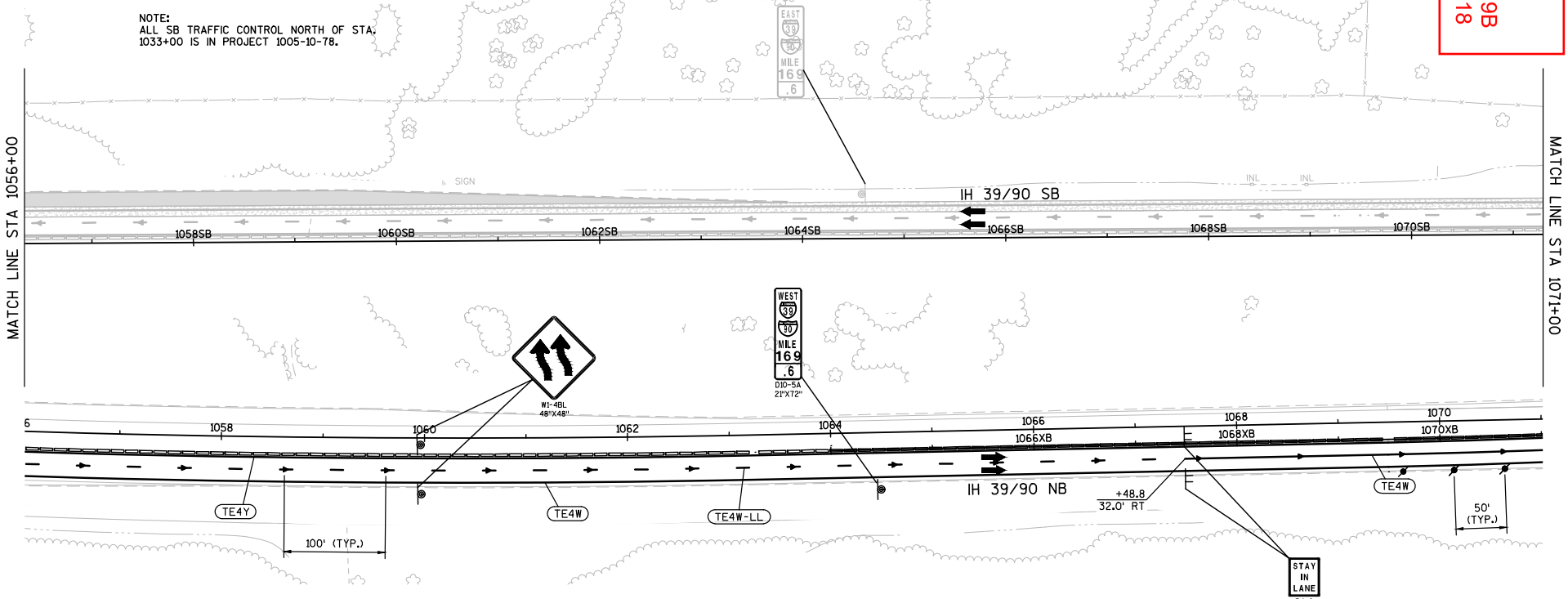
TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB.

Addendum No. 1
ID 1005-10-77
Added Sheet 1319B
November 28, 2018

NOTE:
ALL SB TRAFFIC CONTROL NORTH OF STA. 1033+00 IS IN PROJECT 1005-10-78.



NOTE:
GLARE SCREEN REQ'D ON BARRIER WALL ON NB MEDIAN FROM STA. 1067+50 - STA. 1098+00

PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 3	SHEET 1319B	E

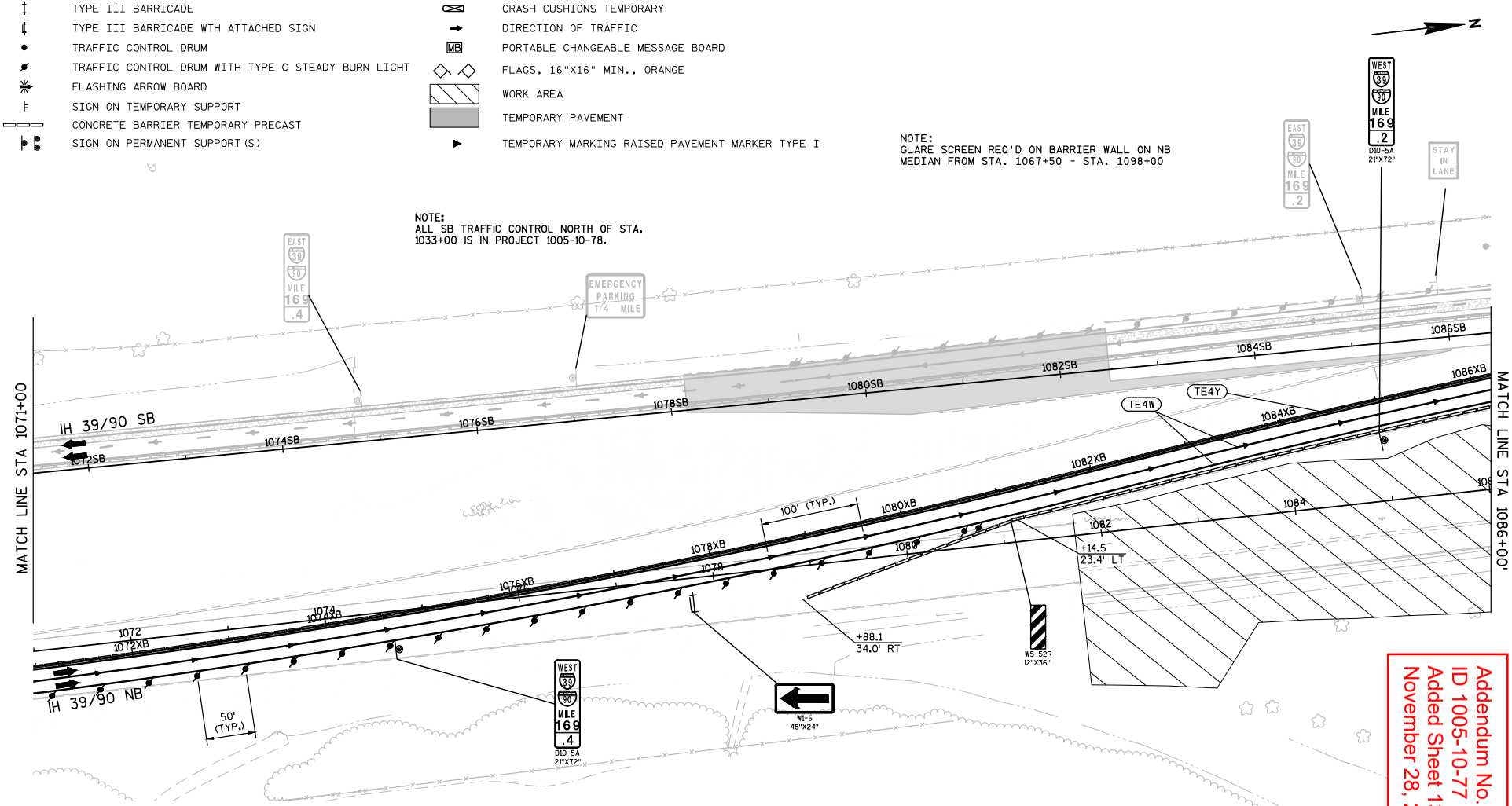
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1328_2018-78094(A)_DETAIL.DWG PLOT DATE : 11/28/2018 DRAWN BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - SHEET - (3)

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
GLARE SCREEN REQ'D ON BARRIER WALL ON NB MEDIAN FROM STA. 1067+50 - STA. 1098+00

NOTE:
ALL SB TRAFFIC CONTROL NORTH OF STA. 1033+00 IS IN PROJECT 1005-10-78.



PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

Addendum No. 1
ID 1005-10-77
Added Sheet 1319C
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 3	SHEET 1319C	E

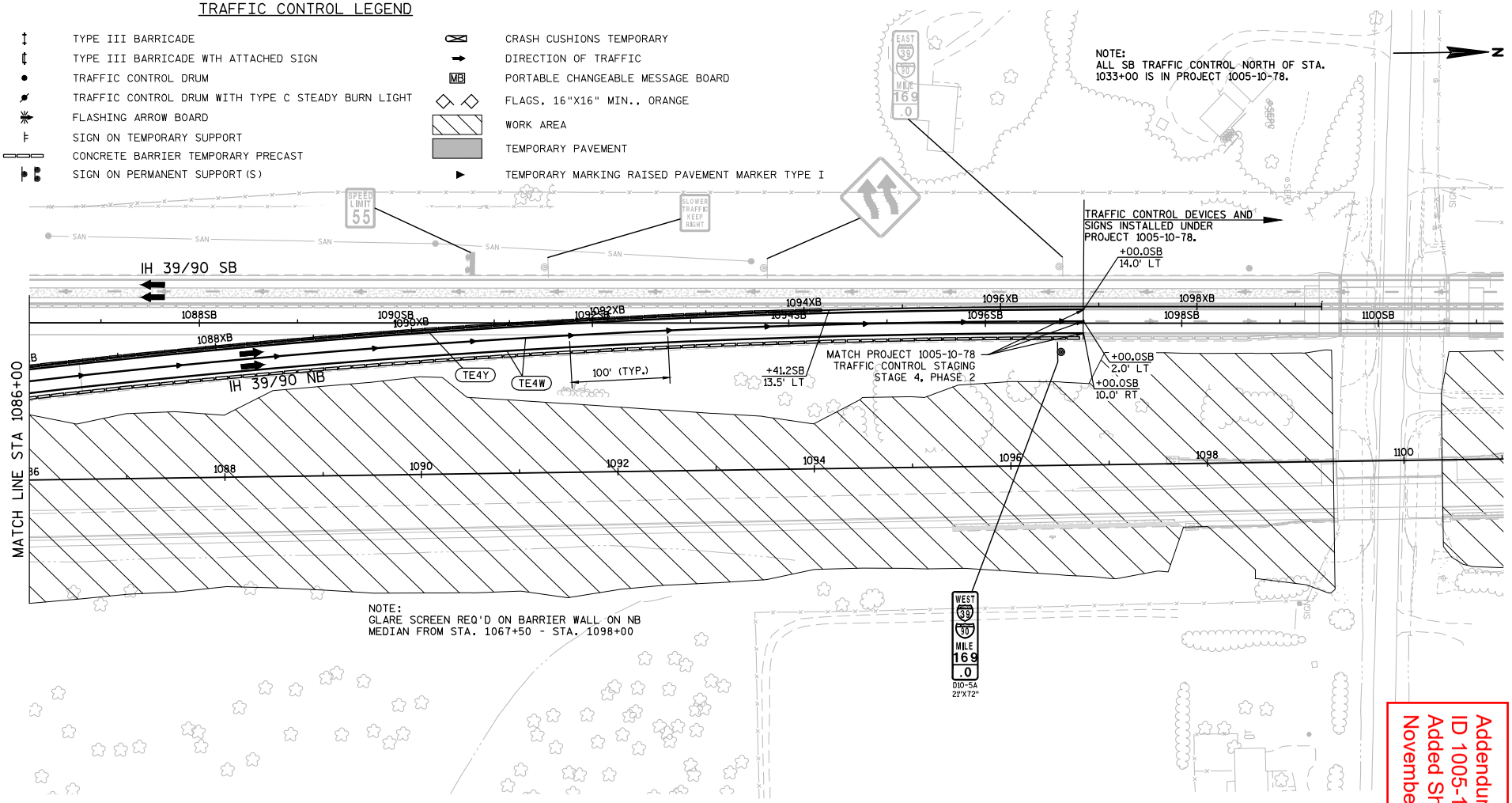
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC-1328-F2018-78034-(4)_DETAIL.DWG PLOTTED BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - SHEET - (4)

WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

Addendum No. 1
ID 1005-10-77
Added Sheet 1319D
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 3	SHEET 1319D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-78 TC 1319 STAGE 3 (2018-78 SHEETS)_DETAIL.DWG PLOTTED BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - SHEET - (5)

WISDOT/CADDS SHEET 42

2

STAGE 4, PHASE 1

CONCURRENT WITH STAGE 4, PHASE 1 - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE OUTSIDE OF THE NEW NB PAVEMENT OF IH 39/90.
- SB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE MEDIAN SIDE OF THE NEW NB ROADWAY THROUGH THE USE OF A CROSSOVER NORTH OF MOUNT ZION AVENUE.
- NB AND SB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE NEW SB PAVEMENT THROUGH THE USE OF THE 'XB' CROSSOVER SOUTH OF TOWNLINE ROAD.

USH 14 RAMPS

- NB AND SB ENTRANCE RAMPS AND THE NB EXIT RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB EXIT RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'HB' AND 'HA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.
- SB ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMP 'HC', TEMPORARY ON-RAMP 'THC', AND TEMPORARY ON-RAMP CROSSOVER 'XHC' COMPLETED IN STAGE 3.

STH 26 RAMPS

- NB EXIT AND ENTRANCE RAMPS AND THE SB EXIT RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB ENTRANCE RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'CB' AND 'CA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.
- SB EXIT TRAFFIC WILL USE TEMPORARY RAMP CROSSOVER 'XCD' CONSTRUCTED IN STAGE 3 AND THE EXISTING RAMP.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE CLOSED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME AND OFF PEAK CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- NONE

USH 14 RAMPS

- TEMPORARY SB OFF-RAMP 'THD'.

STH 26 RAMPS

- TEMPORARY SB OFF-RAMP 'TCD' AND A PORTION OF NB EXIT RAMP 'CB'.

USH 14

- MODIFICATIONS TO TEMPORARY SIGNALS AT THE SB RAMP TERMINAL ALONG USH 14.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD

- NONE

RYAN ROAD

- NONE

Addendum No. 1
ID 1005-10-77
Revised Sheet 1322
November 28, 2018

2

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

BEGIN TRAFFIC CONTROL
STA. 863+00.00

870 880 890 892 900 910 920 930 940

N-53-17
N-53-21
R-53-43
B-53-338(SB)
R-53-44 (SB HALF)
R-53-45 (SB HALF)
S-53-81
S-53-91
R-53-47
S-53-82

USH 14
PONTIAC DR
DEERFIELD DR
MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1323
November 28, 2018

B-53-342(SB)
R-53-48 (SB HALF)
B-53-340(SB)
R-53-49 (SB HALF)
R-53-54 (SB HALF)
R-53-53 (SB HALF)
B-53-346(SB)
R-53-58 (SB HALF)
R-53-59 (SB HALF)
N-53-19

950 960 970 980 990 1000 1010 1020 1030 1040

MORSE ST
STH 26
RYAN RD
WSOR
KENNEDY RD
KETTERING ST
MATCHLINE STA. 949+00
MATCHLINE STA. 1040+00

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 1	SHEET 1323	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC10V28V2018S4P16.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

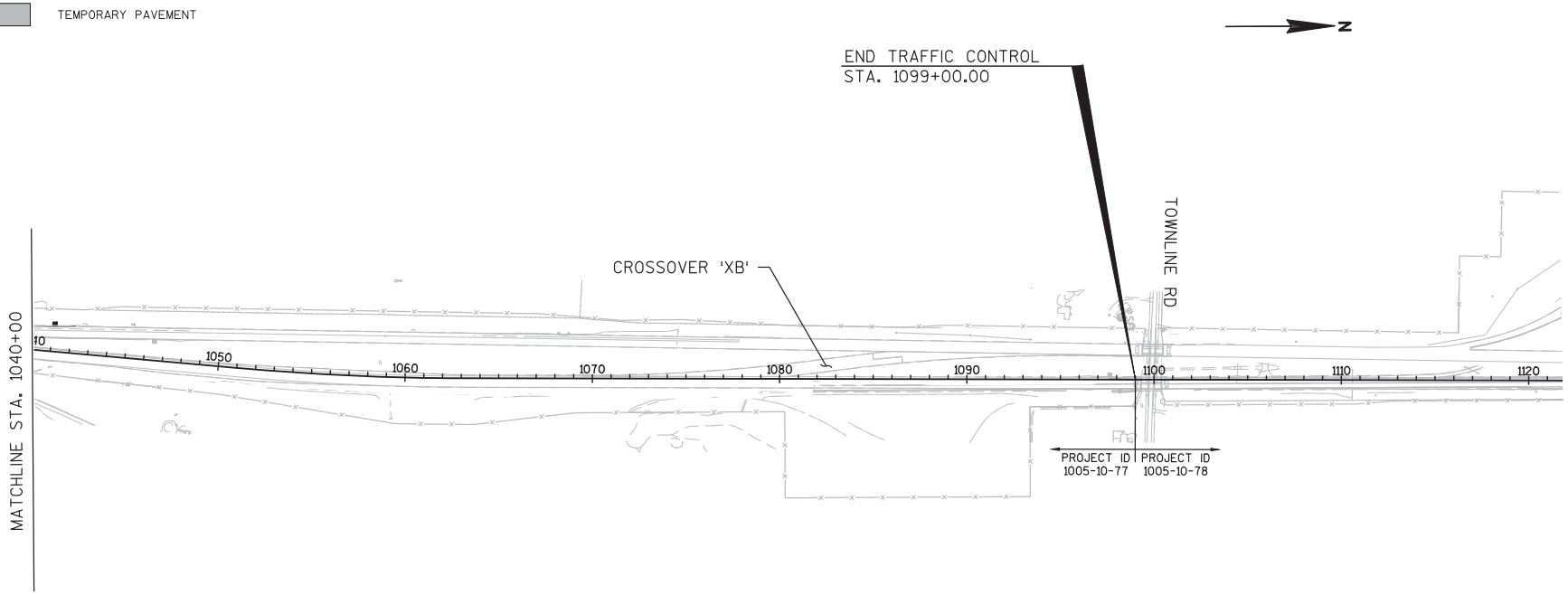
WISDOT/CADDS SHEET 44

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT



Addendum No. 1
ID 1005-10-77
Added Sheet 1323A
November 28, 2018

2

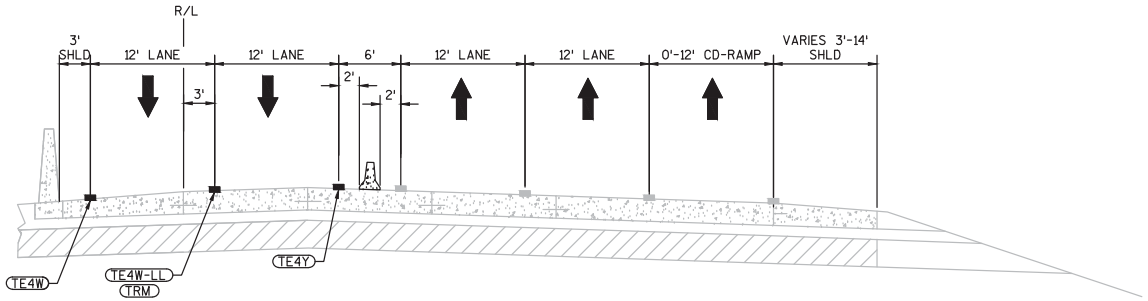
PROJECT NO:1005-10-76	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 1	SHEET 1323A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-76 TC OVERVIEW STAGE 4 PH 1.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : **********
LAYOUT NAME - ****

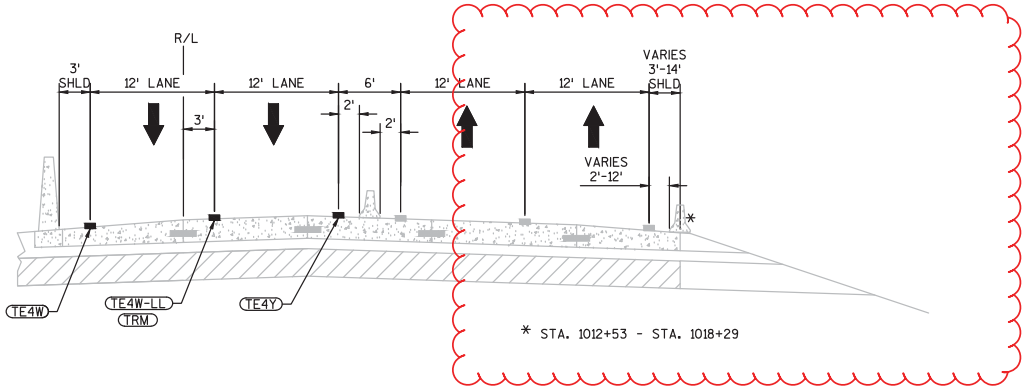
WISDOT/CADDS SHEET 44

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1330
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1002+52 - STA. 1011+59



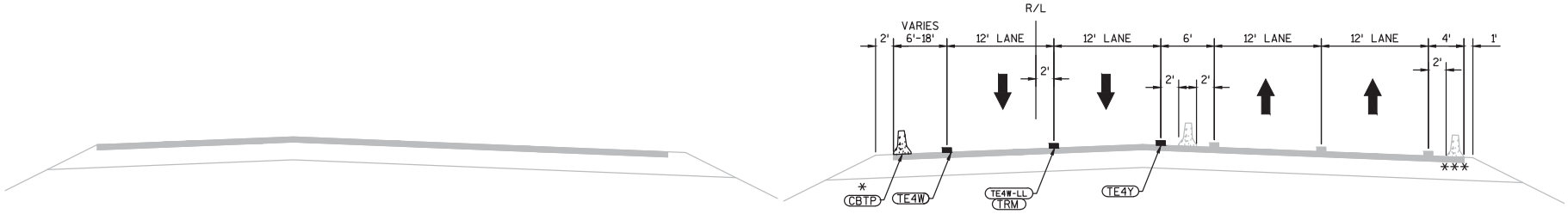
TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1011+59 - STA. 1025+00

LEGEND

TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 4' LINE, 46' SKIP)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

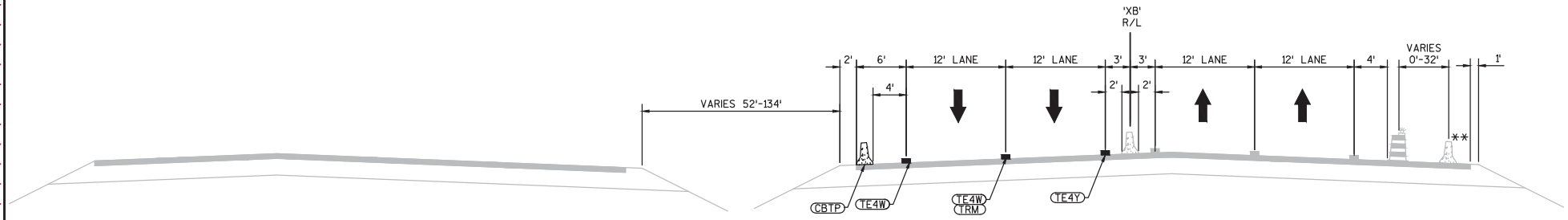
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 1	SHEET 1330	E



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1025+00'NB' - STA. 1069+50'NB'

*STA 1043+00 - STA 1069+50

*** STA. 1030+70 - STA 1042+00



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1069+50'XB' - STA. 1081+00'XB'

**STA 1078+75'XB' - STA 1081+00'XB'

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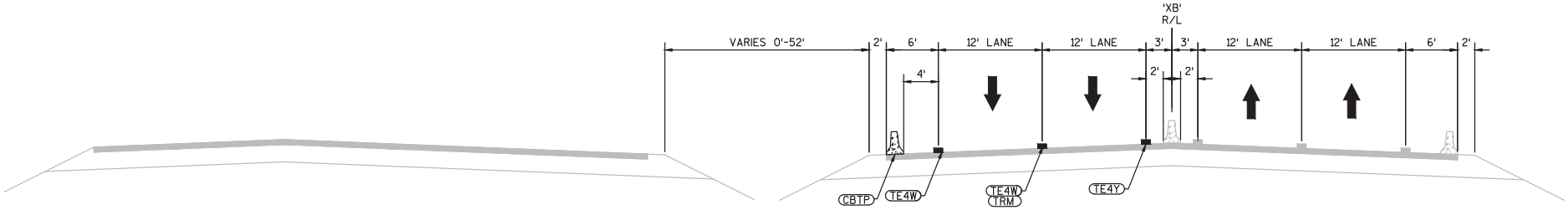
ID 1005-10-77
Added Sheet 1330A
November 28, 2018

LEGEND

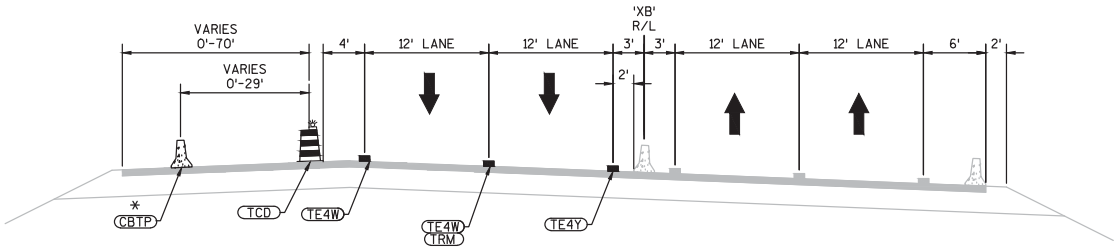
TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 1	SHEET 1330A	E



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1081+00'XB' - STA. 1085+50'XB'



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1085+50'XB' - STA. 1099+00'XB'

*STA 1085+50'XB' - STA 1087+25'XB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1330B
November 28, 2018

LEGEND

TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

2

ROAD CLOSED
R11-2
48"X30"

SEE S.D.D. BARRICADES AND SIGNS FOR MAINLINE CLOSURES FOR DETAILS NOT SHOWN. NO POSTED DETOUR.

EXIT 171 A
26
Janesville
Milton
NEXT RIGHT

PAID FOR AS "TRAFFIC CONTROL FIXED MESSAGE SIGN" AND "FIXED MESSAGE SIGN PORTABLE SUPPORT"

FM-20

TRAIL CLOSED AHEAD

PLACE ON TYPE II BARRICADE ALONG TRAIL NEAR TRAILHEAD PARKING LOT LOCATED ON KENNEDY RD ACROSS FROM UNITED ALLOY INC.

TRAIL CLOSED

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

U/C

N

MATCH LINE STA 1012+00

1014 1016 1018 1020 1022 1024 1026

TE4Y TE4W-LL TE4W

WEST 39 90 MILE 170 .4

EAST 39 90 MILE 170 .4
D10-5A
21"X72"

100' (TYP.)

+00.0
9.0' LT

+00.0
3.0' RT

+00.0
15.0' RT

MATCH LINE STA 1027+00

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ID 1005-10-77
Revised Sheet 1345
November 28, 2018

KENNEDY RD

BRENTWOOD DR

ROAD CLOSED
R11-2
48"X30"

SEE S.D.D. BARRICADES AND SIGNS FOR MAINLINE CLOSURES FOR DETAILS NOT SHOWN. NO POSTED DETOUR.

SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB.

TRAIL CLOSED AHEAD

PLACE ON TYPE II BARRICADE ALONG TRAIL NEAR ROCK COUNTY PARKS DIVIVSION PARKING LOT LOCATED AT INTERSECTION OF ROTAMER RD AND TOWNLINE RD.

TRAIL CLOSED

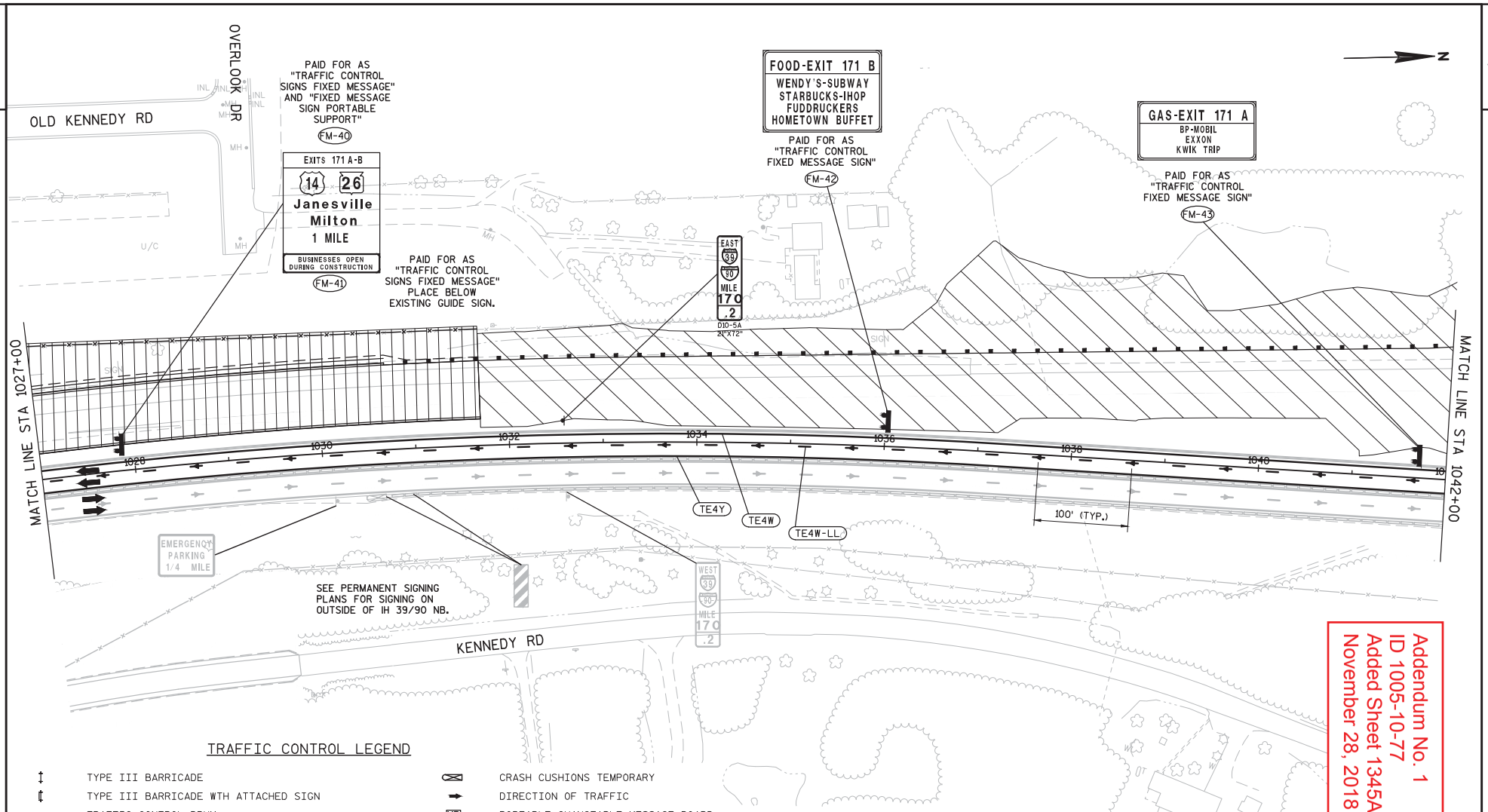
PAVEMENT MARKING LEGEND

- TE4Y TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 4, PHASE 1	SHEET 1345	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S4P1_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S4P1_DETAIL - NB - (11)

WISDOT/CADDS SHEET 42



Addendum No. 1
ID 1005-10-77
Added Sheet 1345A
November 28, 2018

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PAVEMENT MARKING LEGEND

TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 4, PHASE 1	SHEET 1345A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S4P1_DETAIL - NB - (12).DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S4P1_DETAIL - NB - (12)

WISDOT/CADDS SHEET 42

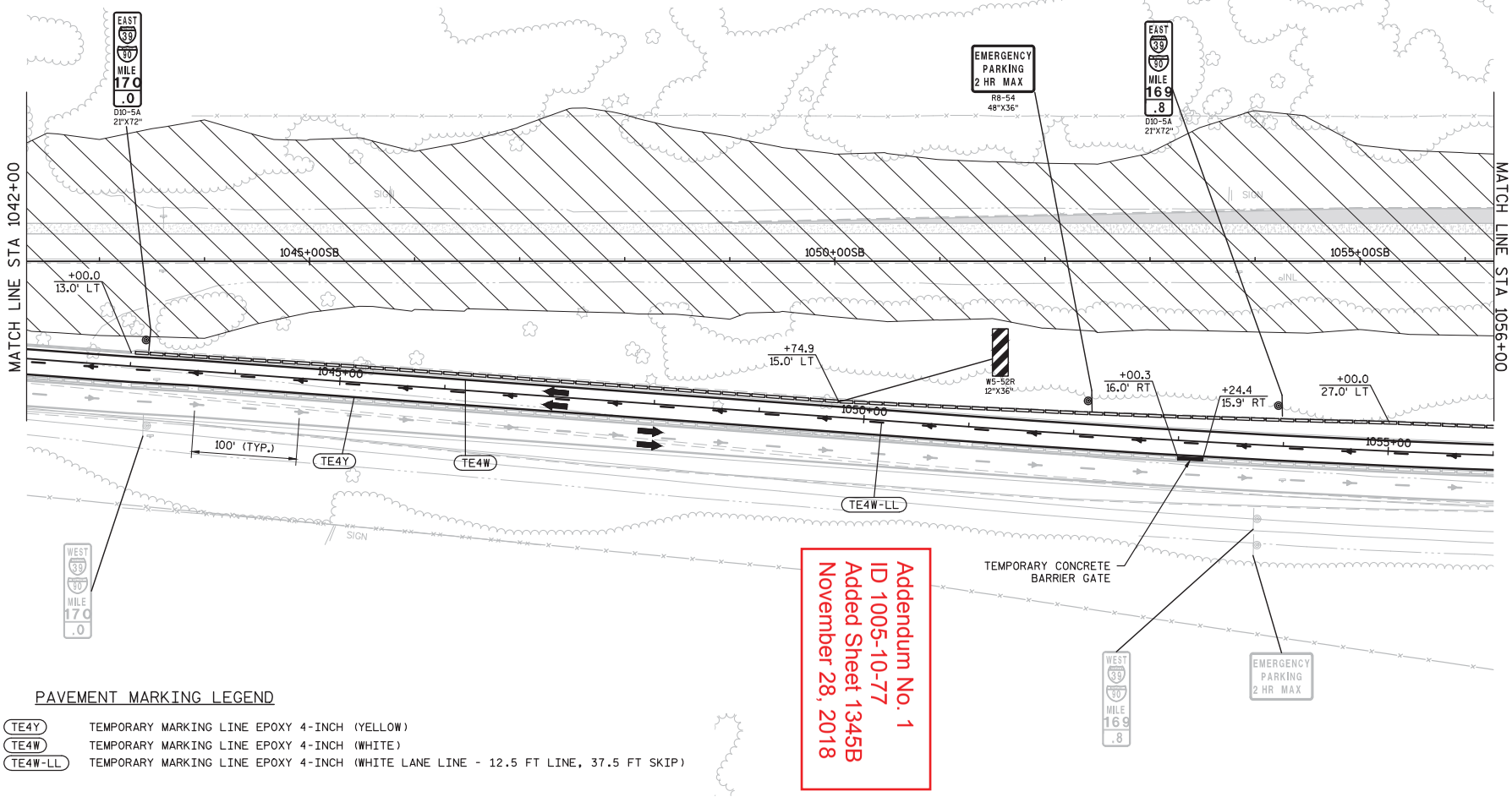
2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING
ON OUTSIDE OF IH 39/90 NB.

N



Addendum No. 1
ID 1005-10-77
Added Sheet 1345B
November 28, 2018

PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 1	SHEET 1345B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC-1428_2018M1-18 SHP3)_DETAILS.DWG LAYOUT NAME - SHEET - (2) PLOT DATE : 11/28/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

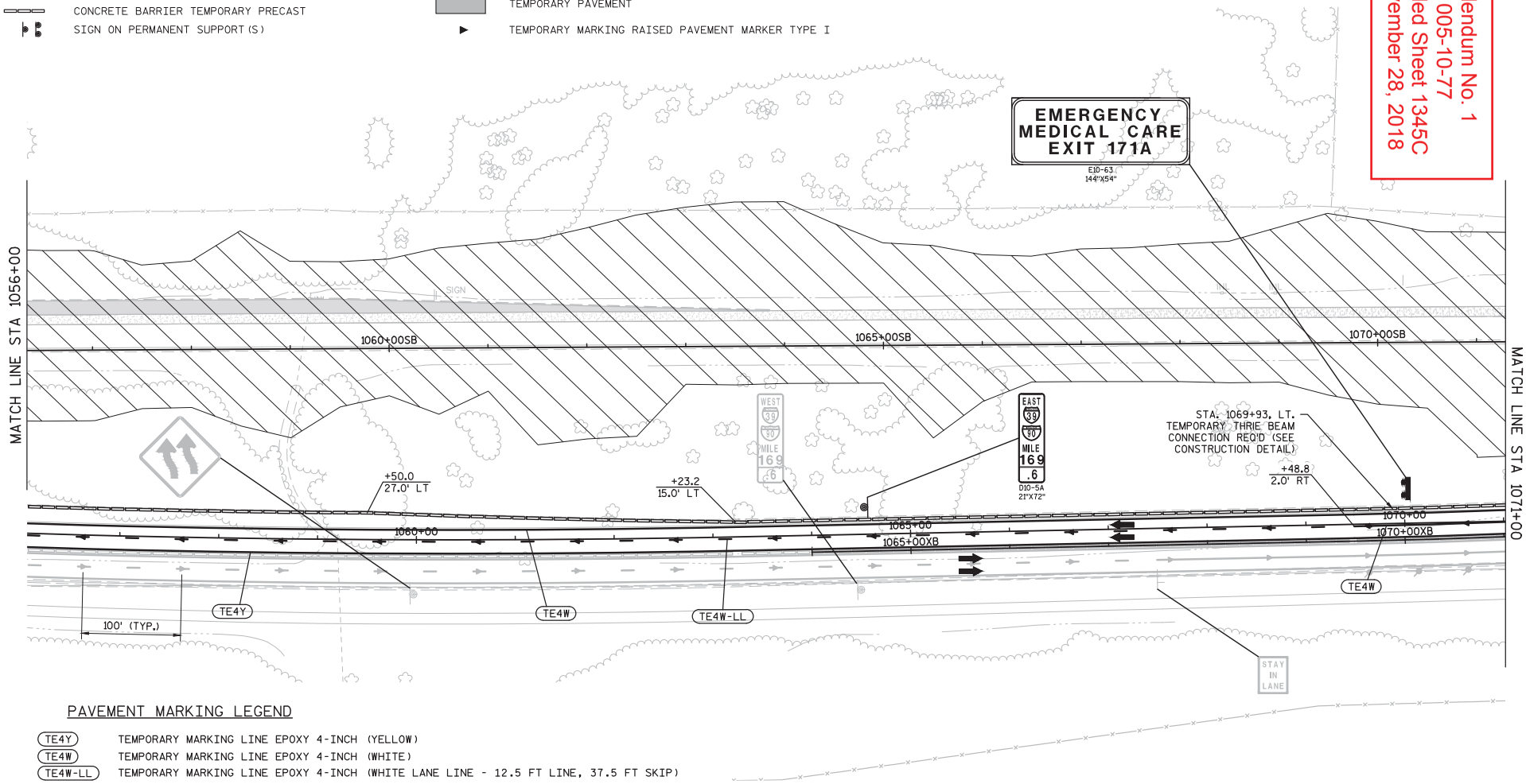
2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING
ON OUTSIDE OF IH 39/90 NB.

Addendum No. 1
ID 1005-10-77
Added Sheet 1345C
November 28, 2018



PAVEMENT MARKING LEGEND

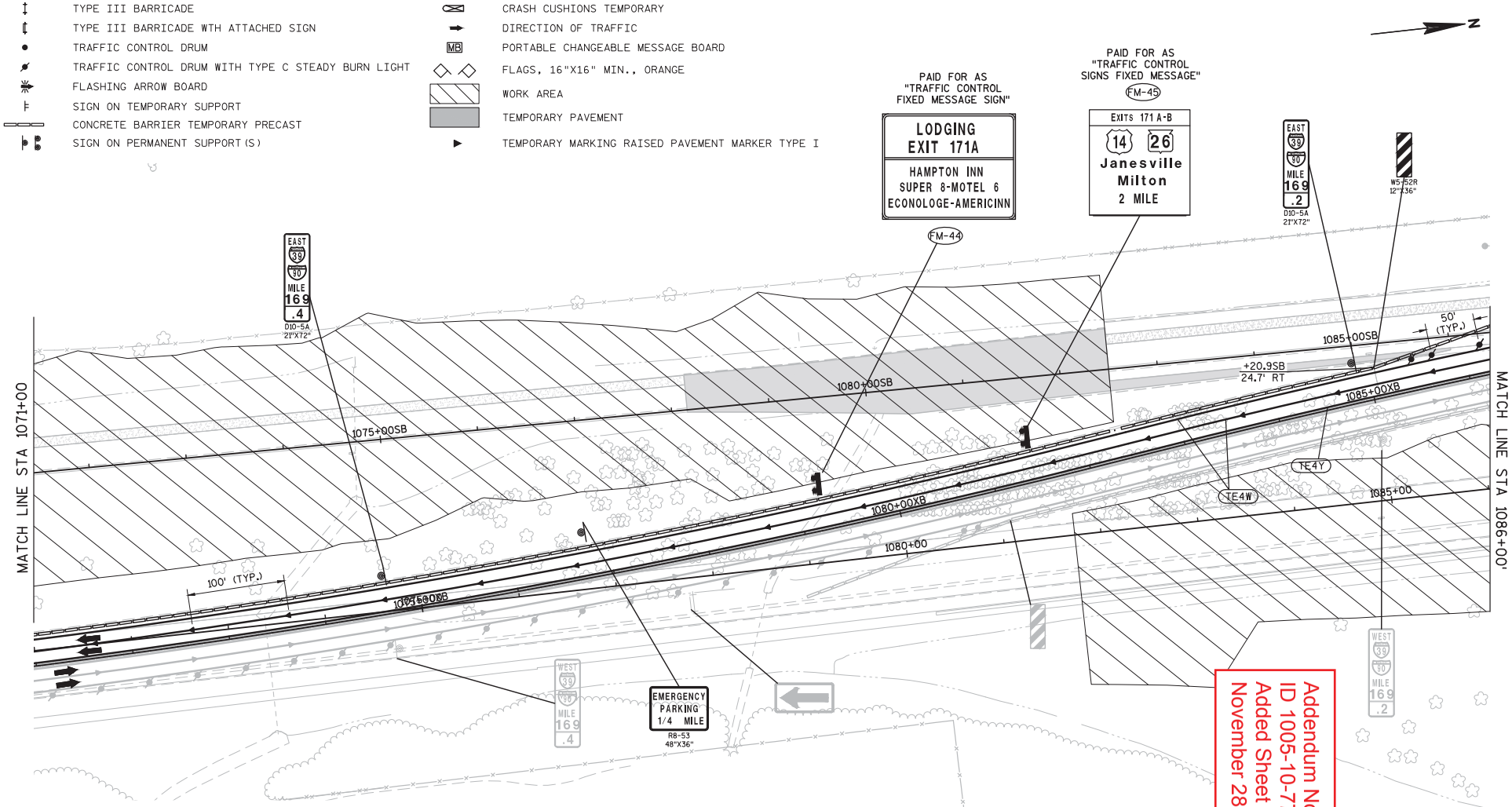
- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 1	SHEET 1345C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC-1428_2018M1-18 SHP3)_DETAIL.DWG PLOT DATE : 11/28/2018 PLOT TIME : 1:18 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - SHEET - (3)

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Added Sheet 1345D
November 28, 2018

PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

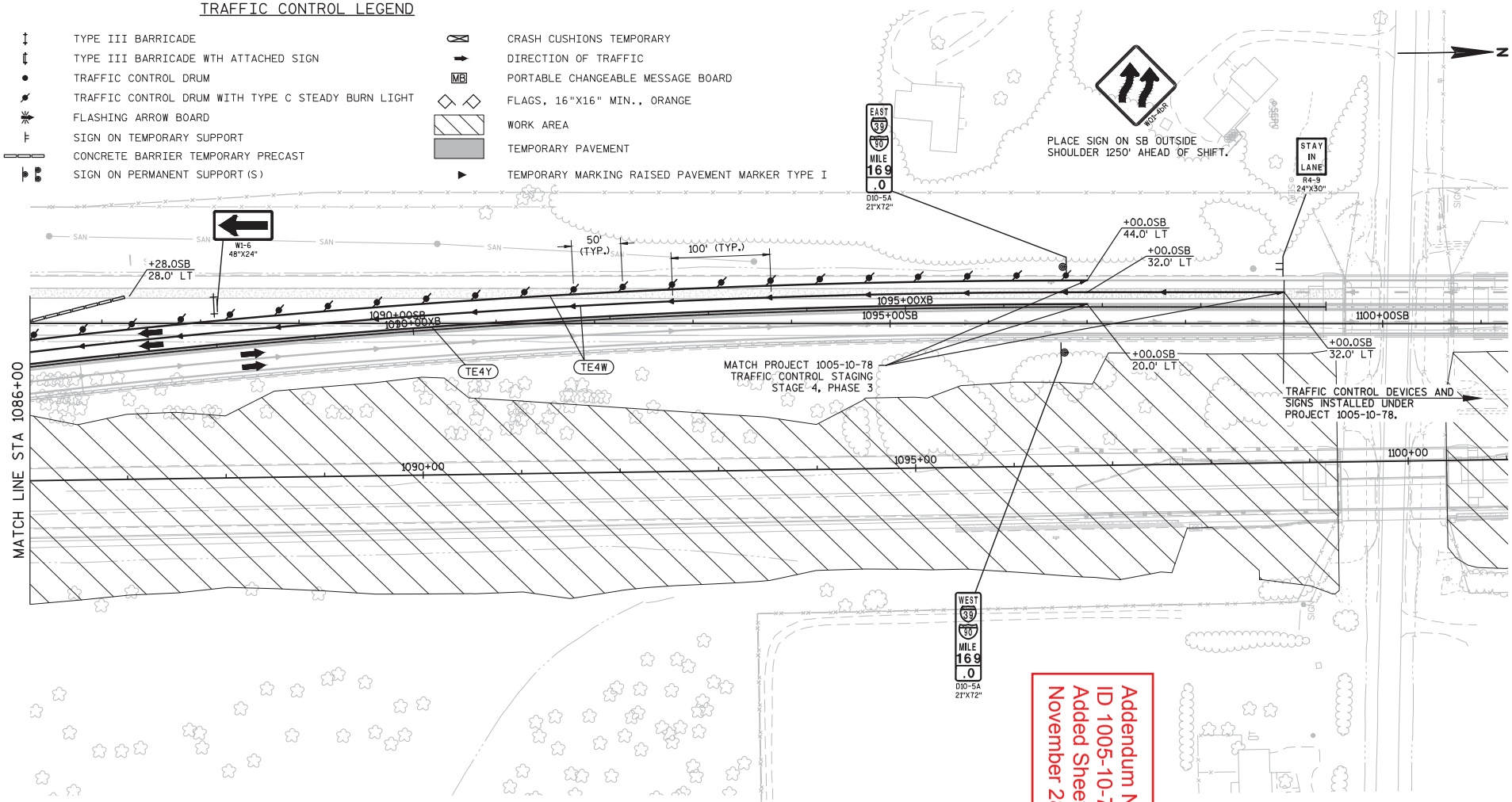
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 1	SHEET 1345D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1428_2018M1-18 SHP3)_DETAIL.DWG PLOT DATE : 2018/11/28 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - SHEET - (4)

WISDOT/CADDS SHEET 42

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Added Sheet 1345E
November 28, 2018

PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 1	SHEET 1345E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1428_2018M1-18 SHP3)_DETAIL.DWG LAYOUT NAME - SHEET - (5) PLOT DATE : 11/28/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

STAGE 4, PHASE 2

CONCURRENT WITH STAGE 4, PHASE 2 THROUGH STAGE 4, PHASE 2C - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE OUTSIDE OF THE NEW NB PAVEMENT OF IH 39/90.
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE MEDIAN SIDE OF THE NEW NB ROADWAY THROUGH THE USE OF A CROSSOVER NORTH OF MOUNT ZION AVENUE.
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE OUTSIDE OF THE NEW SB PAVEMENT THROUGH THE USE OF THE 'XB' CROSSOVER SOUTH OF TOWNLINE ROAD.

USH 14 RAMPS

- NB AND SB ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB EXIT RAMP WILL USE TEMPORARY SB OFF-RAMP 'THD' COMPLETED IN STAGE 4, PHASE 1.
- SB ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMP 'HC', TEMPORARY SB ON-RAMP 'THC', AND TEMPORARY SB ON-RAMP CROSSOVER 'XHC' COMPLETED IN STAGE 3.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'HB' AND 'HA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.

STH 26 RAMPS

- NB EXIT AND ENTRANCE RAMPS AND THE SB EXIT RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB ENTRANCE RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'CB' AND 'CA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.
- SB EXIT TRAFFIC WILL USE TEMPORARY SB OFF-RAMP 'TCD' AND A PORTION OF RAMP 'CD' CONSTRUCTED IN STAGE 4, PHASE 1.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE CLOSED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME AND OFF PEAK CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- SB PAVEMENT TO ACCOMMODATE TRAFFIC AND TRAFFIC CONTROL DEVICES AS SHOWN IN STAGE 4, PHASE 3.
- STRUCTURES B-53-344, B-53-346, R-53-56, R-53-57, R-53-58, R-53-59, AND S-53-85.
- CD ROAD POLYMER OVERLAY OF STRUCTURE B-53-344

USH 14 RAMPS

- NONE

STH 26 RAMPS

- COMPLETION OF RAMP 'CD'.
- COMPLETE TEMPORARY SB OFF-RAMP CROSSOVER 'YCD'

USH 14

- NONE

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD

- COMPLETION OF KENNEDY ROAD.

RYAN ROAD

- NONE

Addendum No. 1
ID 1005-10-77
Revised Sheet 1348
November 28, 2018

2

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS, AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

BEGIN TRAFFIC CONTROL
STA. 863+00.00

870 880 890 892 900 910 920 930 940

N-53-17
N-53-21
R-53-43
R-53-44 (SB HALF)
B-53-338(SB)
R-53-45 (SB HALF)
S-53-81
S-53-91
R-53-47
S-53-82

USH 14
PONTIAC DR
DEERFIELD DR
MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1349
November 28, 2018

B-53-342(SB)
S-53-85
B-53-344(SB)
R-53-57 (SB HALF)
R-53-58 (SB HALF)
B-53-346(SB)
R-53-59 (SB HALF)
N-53-19
R-53-48 (SB HALF)
B-53-340(SB)
R-53-49 (SB HALF)
R-53-56 (SB HALF)
R-53-54 (SB HALF)
R-53-53 (SB HALF)

950 960 970 980 990 1000 1010 1020 1030

MORSE ST
STH 26
WSOR
RYAN RD
KENNEDY RD
KETTERING ST
MATCHLINE STA. 949+00
MATCHLINE STA. 1040+00

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 2	SHEET 1349	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77 TC OVERVIEW 4PHASE.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2

2

END TRAFFIC CONTROL
STA. 1099+00.00

TOWNLINE ROAD

CROSSOVER 'XB'

MATCHLINE STA. 1040+00

40 1050 1060 1070 1080 1090 1100 1110 1120

PROJECT ID 1005-10-77 | PROJECT ID 1005-10-78

N

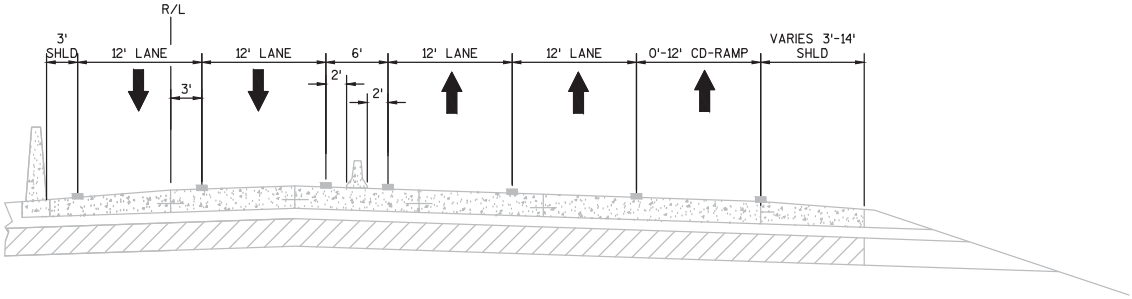
Addendum No. 1
ID 1005-10-77
Added Sheet 1349A
November 28, 2018

PROJECT NO:1005-10-76	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 2	SHEET 1349A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-76 TC OVERVIEW 18S 4P 28.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

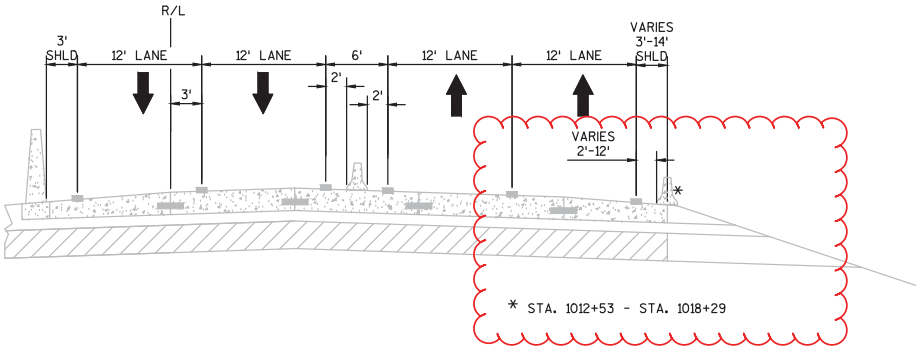
2



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90

STA. 1002+52 - STA. 1011+59



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90

STA. 1011+59 - STA. 1025+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1356
November 28, 2018

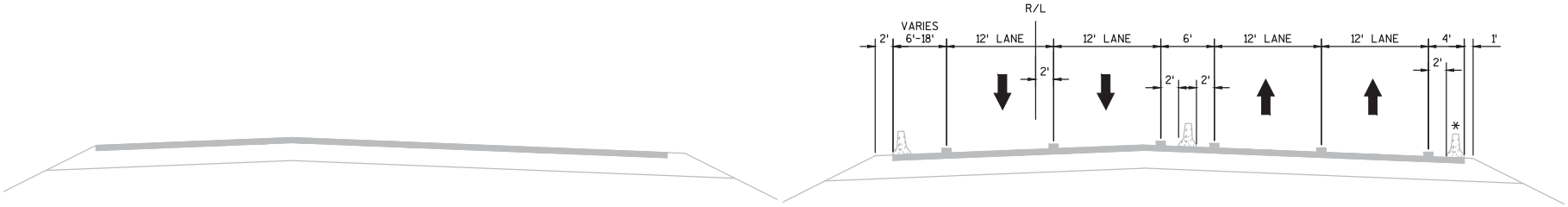
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 2	SHEET 1356	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\002-TC-TYP.DWG 3:08 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:12 FT

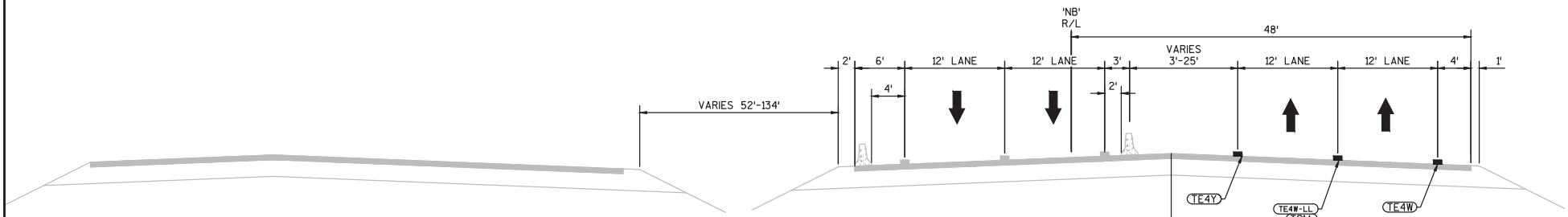
LAYOUT NAME - ****

WISDOT/CADDS SHEET 42

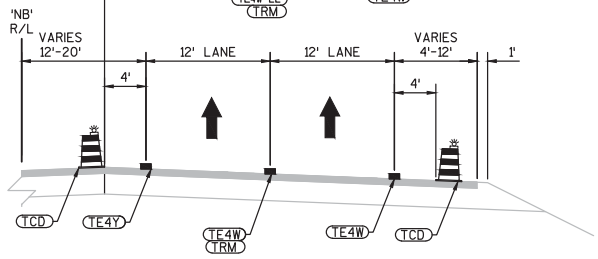


TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1025+00'NB' - STA. 1069+50'NB'

* STA. 1030+70 - STA 1042+00



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1069+50'NB' - STA. 1081+00'NB'



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1076+00'NB' - STA. 1081+00'NB'

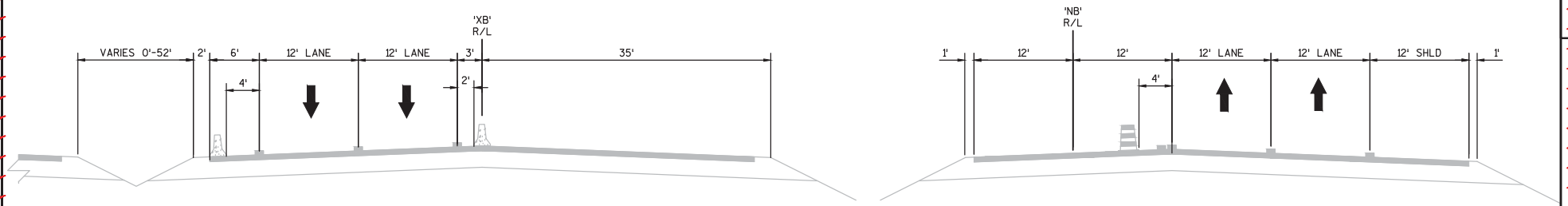
Addendum No. 1
ID 1005-10-77
Added Sheet 1356A
November 28, 2018

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

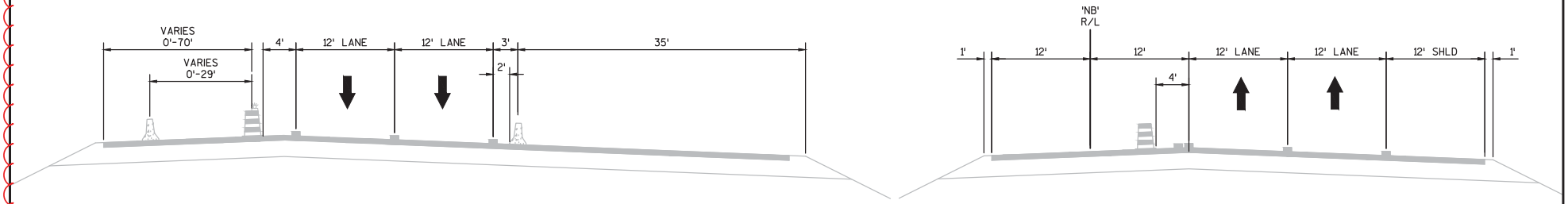
LEGEND

TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1081+00'NB' - STA. 1085+50'NB'



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1085+50'NB' - STA. 1099+00'NB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1356B
November 28, 2018

LEGEND

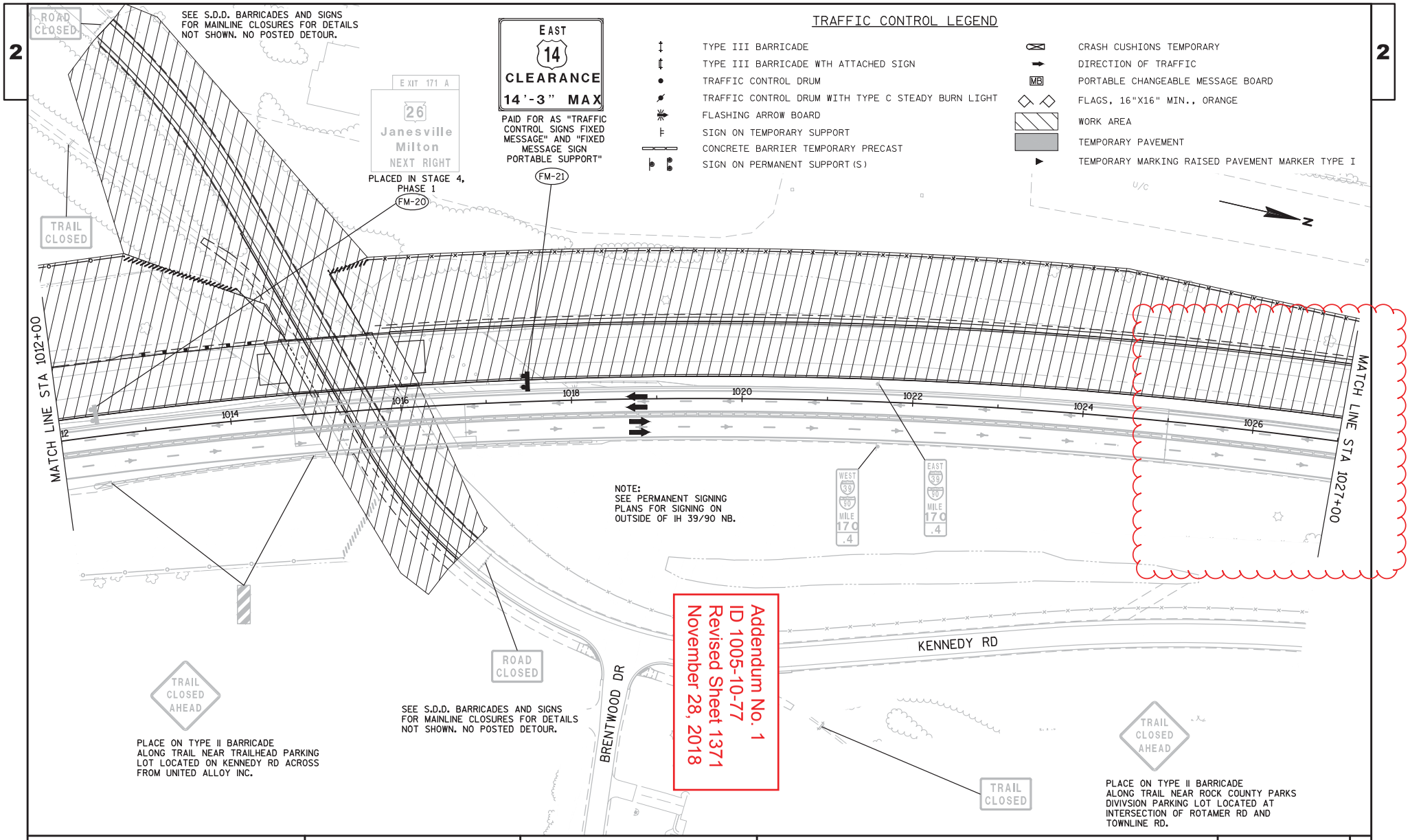
TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

NOTE:
NB TRAFFIC CONTROL DEVICES NORTH OF STA 1081+00'NB' TO BE PLACED IN PROJECT 1005-10-78.

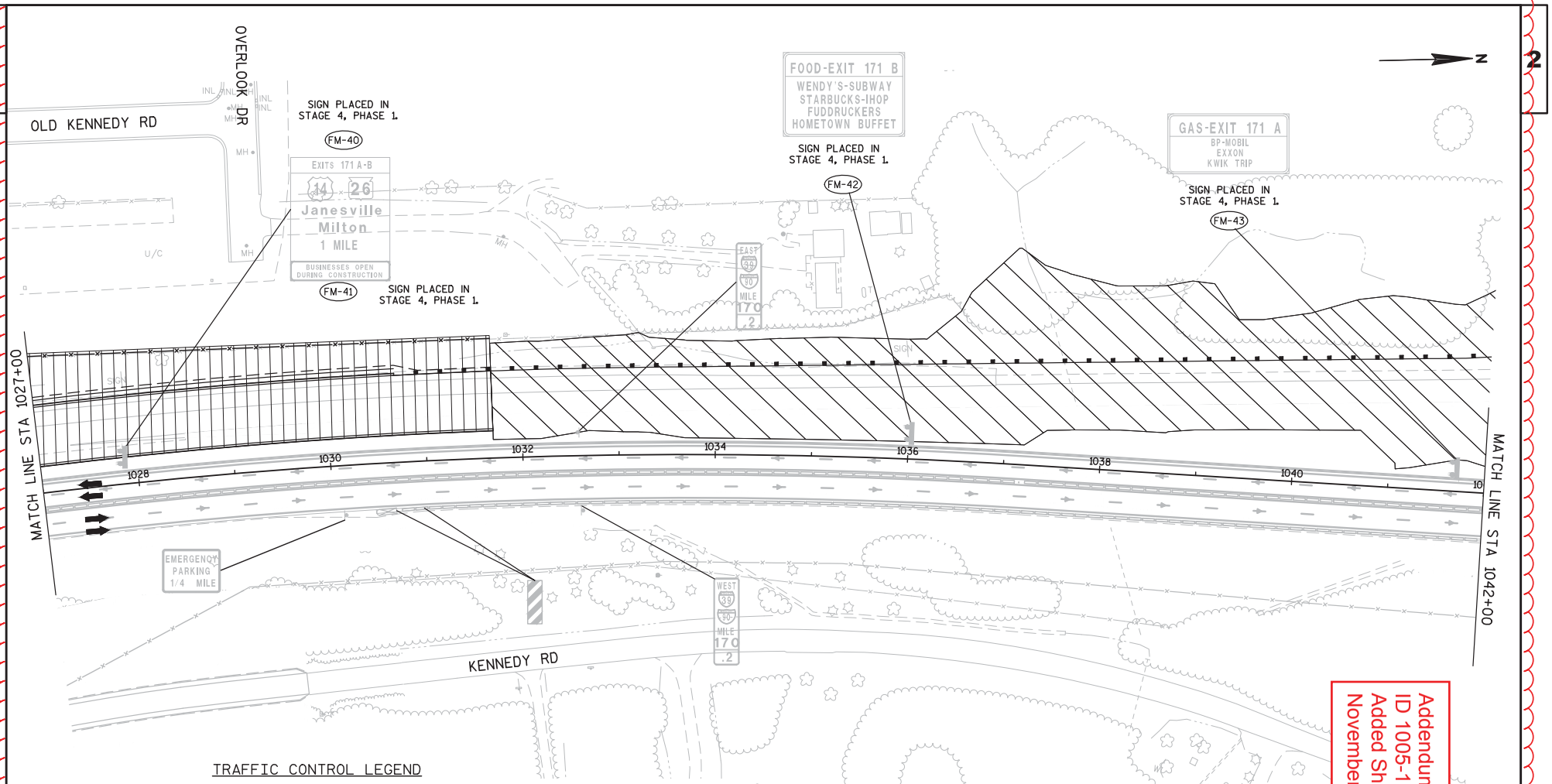
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 2	SHEET 1356B	E



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 4, PHASE 2	SHEET 1371	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1422.DWG PLOT DATE : 11/28/2018 1:06PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - NB - (11)



Addendum No. 1
ID 1005-10-77
Added Sheet 1371A
November 28, 2018

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

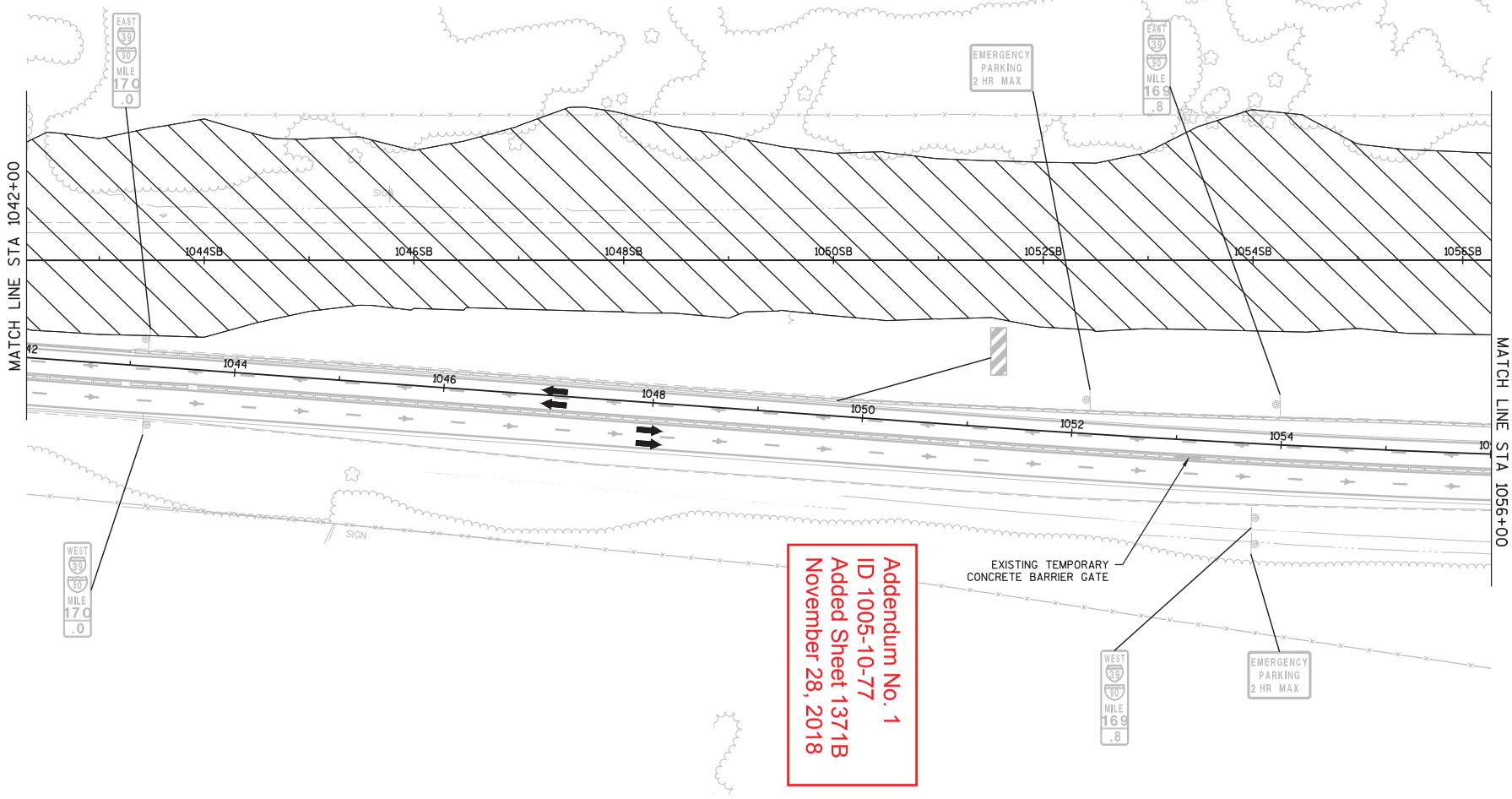
NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 4, PHASE 2	SHEET 1371A	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING
ON OUTSIDE OF IH 39/90 NB.



Addendum No. 1
ID 1005-10-77
Added Sheet 1371B
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 2	SHEET 1371B	E

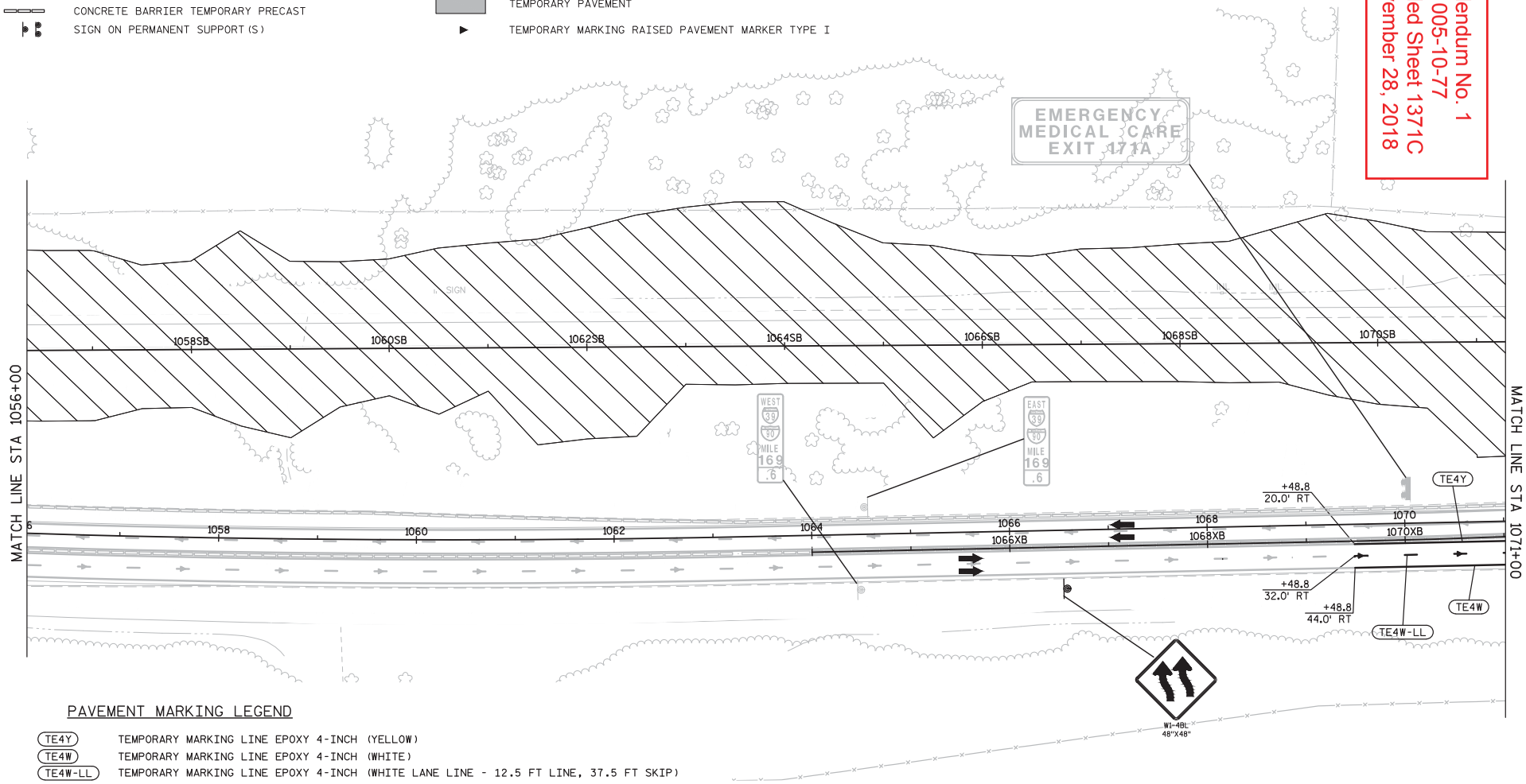
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1428_2018M2-25 PSP1)_DETAIL.DWG PLOT DATE : 11/28/2018 2:25 PM PLOTTED BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - SHEET - (2)

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING
ON OUTSIDE OF IH 39/90 NB.

Addendum No. 1
ID 1005-10-77
Added Sheet 1371C
November 28, 2018



PAVEMENT MARKING LEGEND

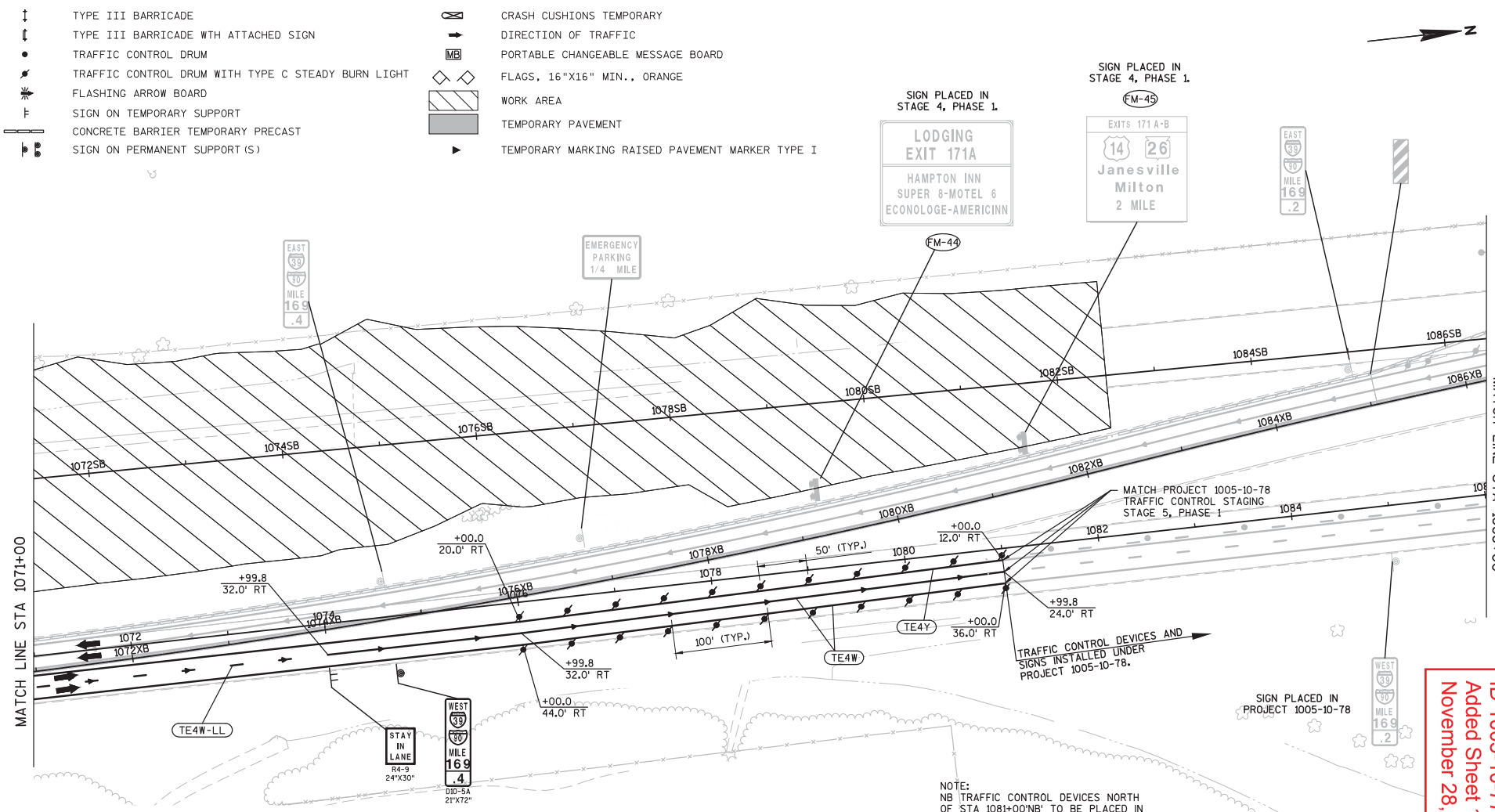
- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 2	SHEET 1371C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1428_2018M2-26 SP1)_DETAIL.DWG PLOT DATE : 11/28/2018 PLOTTED BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - SHEET - (3)

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



NOTE:
NB TRAFFIC CONTROL DEVICES NORTH OF STA 1081+00'NB' TO BE PLACED IN PROJECT 1005-10-78.

PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
- TE4W-LL — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

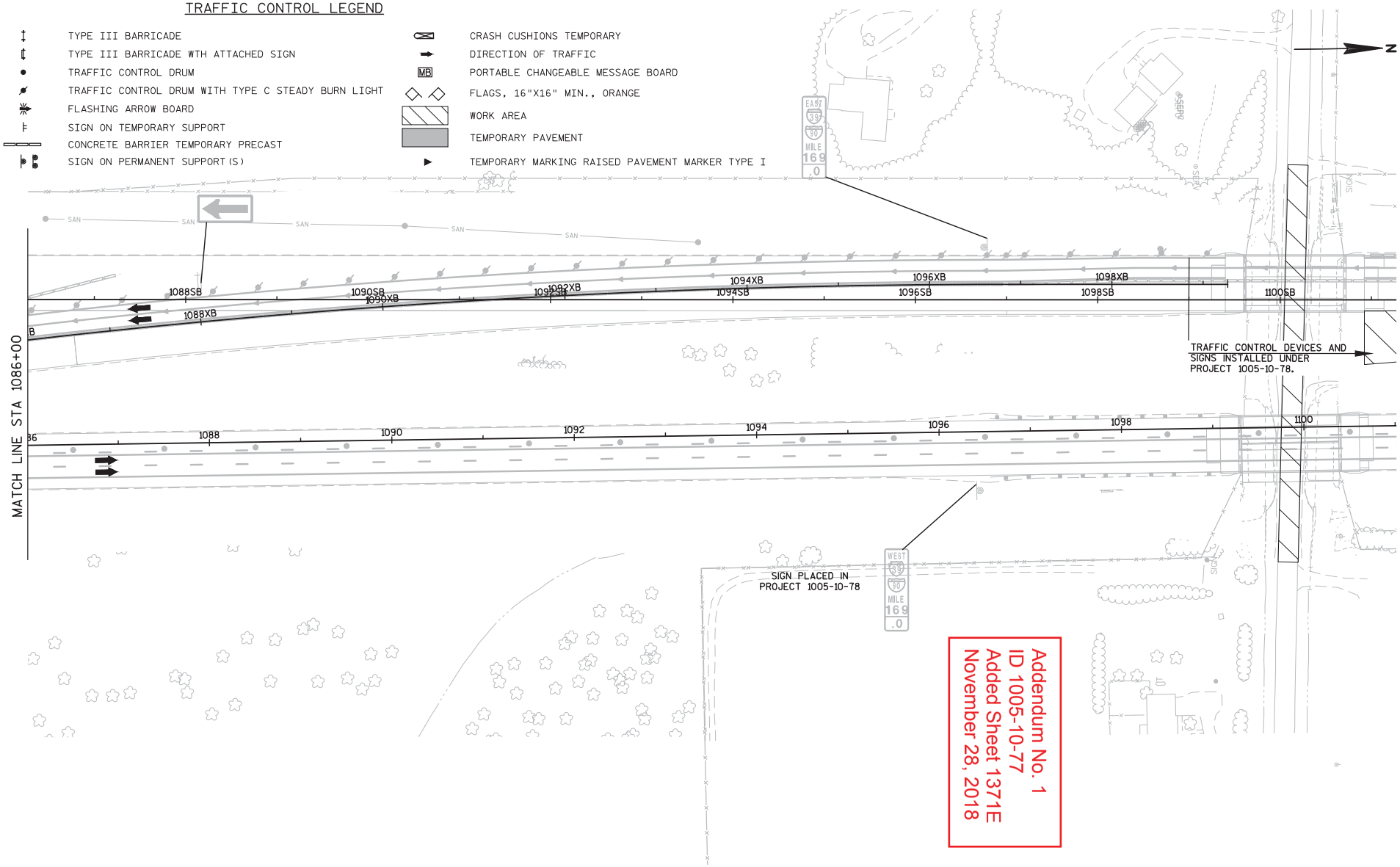
Addendum No. 1
ID 1005-10-77
Added Sheet 1371D
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 2	SHEET 1371D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1428_2018M2-26 PSP1)_DETAIL.DWG PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 43
LAYOUT NAME - SHEET - (4) USER NAME : KL ENGINEERING

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Added Sheet 1371E
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 2	SHEET 1371E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC-1428_2018M2-26 PHP1)_DETAIL.DWG PLOT DATE : 11/28/2018 2:26 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - SHEET - (5)

2

STAGE 4, PHASE 2A

CONCURRENT WITH STAGE 4, PHASE 2 THROUGH STAGE 4, PHASE 2C - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE OUTSIDE OF THE NEW NB PAVEMENT OF IH 39/90.
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE MEDIAN SIDE OF THE NEW NB ROADWAY THROUGH THE USE OF A CROSSOVER NORTH OF MOUNT ZION AVENUE.
- SB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE MEDIAN SIDE OF THE NEW SB PAVEMENT THROUGH THE USE OF THE 'XB' CROSSOVER SOUTH OF TOWNLINE ROAD.

USH 14 RAMPS

- NB AND SB ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB EXIT RAMP WILL USE TEMPORARY SB OFF-RAMP 'THD' COMPLETED IN STAGE 4, PHASE 1.
- SB ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMP 'HC', TEMPORARY SB ON-RAMP 'THC', AND TEMPORARY SB ON-RAMP CROSSOVER 'XHC' COMPLETED IN STAGE 3.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'HB' AND 'HA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.

STH 26 RAMPS

- NB EXIT AND ENTRANCE RAMPS AND THE SB EXIT RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB ENTRANCE RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'CB' AND 'CA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.
- SB EXIT TRAFFIC WILL USE TEMPORARY SB OFF-RAMP 'TCD' AND A PORTION OF RAMP 'CD' CONSTRUCTED IN STAGE 4, PHASE 1.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE CLOSED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME AND OFF PEAK CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- SEE STAGE 4, PHASE 2 - STAGE 4, PHASE 2A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

USH 14 RAMPS

- SEE STAGE 4, PHASE 2 - STAGE 4, PHASE 2A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

STH 26 RAMPS

- SEE STAGE 4, PHASE 2 - STAGE 4, PHASE 2A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

USH 14

- SEE STAGE 4, PHASE 2 - STAGE 4, PHASE 2A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

STH 26

- SEE STAGE 4, PHASE 2 - STAGE 4, PHASE 2A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

KENNEDY ROAD

- SEE STAGE 4, PHASE 2 - STAGE 4, PHASE 2A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

RYAN ROAD

- SEE STAGE 4, PHASE 2 - STAGE 4, PHASE 2A ACCOMMODATES TRAFFIC CONTROL REQUIRED FOR PROJECT 1005-10-78.

2

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS, AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

Addendum No. 1
ID 1005-10-77
Added Sheet 1373A
November 28, 2018

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

BEGIN TRAFFIC CONTROL
STA. 863+00.00

870 880 890 892 900 910 920 930 940

N-53-17
N-53-21
R-53-43
B-53-338(SB)
R-53-44 (SB HALF)
R-53-45 (SB HALF)
S-53-81
S-53-91
R-53-47
S-53-82

USH 14
PONTIAC DR
DEERFIELD DR
MATCHLINE STA. 949+00

B-53-342(SB)
S-53-85
B-53-344(SB)
R-53-57 (SB HALF)
R-53-58 (SB HALF)
B-53-346(SB)
R-53-59 (SB HALF)
N-53-19
R-53-48 (SB HALF)
B-53-340(SB)
R-53-49 (SB HALF)
R-53-56 (SB HALF)
R-53-54 (SB HALF)
R-53-53 (SB HALF)

950 960 970 980 990 1000 1010 1020 1030 1040

STH 26
WISOR
MORSE ST
RYAN RD
KENNEDY RD
KETTERING ST
MATCHLINE STA. 949+00
MATCHLINE STA. 1040+00

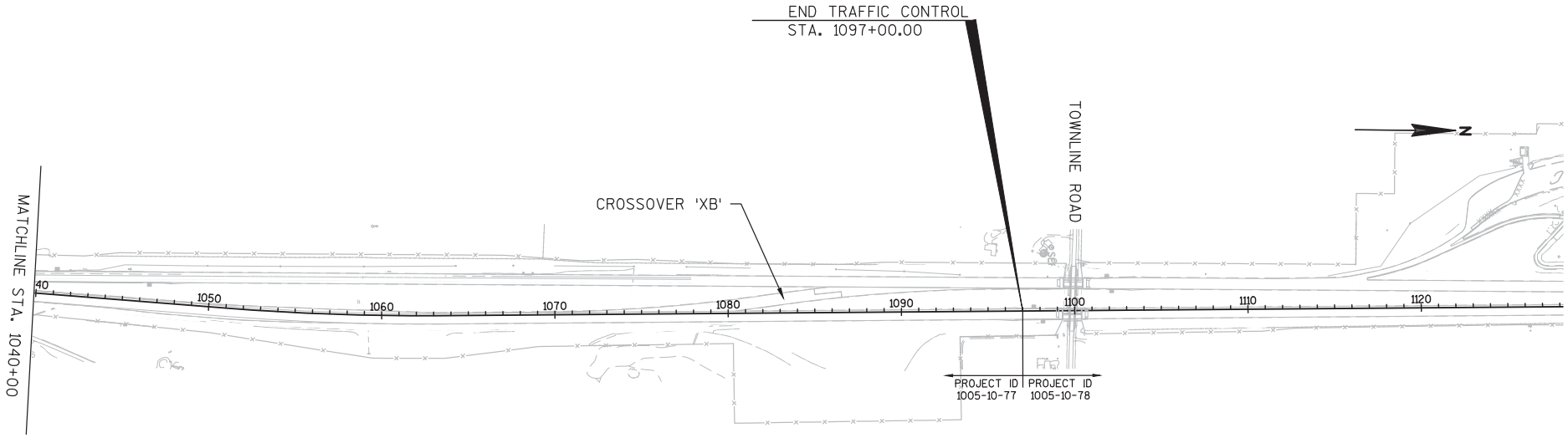
Addendum No. 1
ID 1005-10-77
Added Sheet 1373B
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 2A	SHEET 1373B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\TC10V2B1S4P2A.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2



Addendum No. 1
ID 1005-10-77
Added Sheet 1373C
November 28, 2018

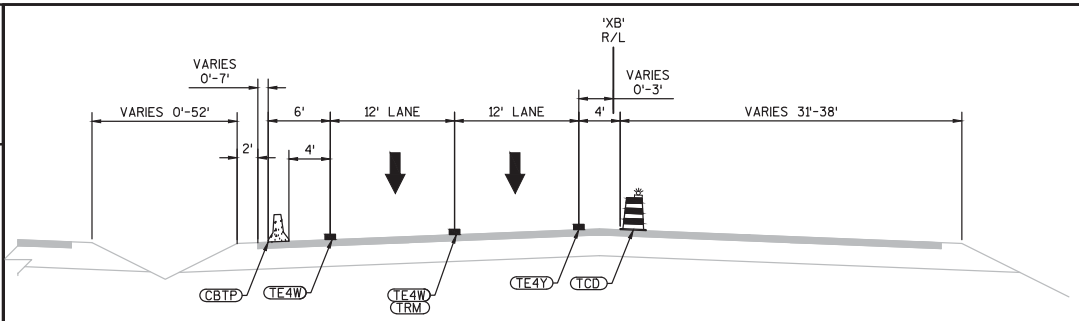
2

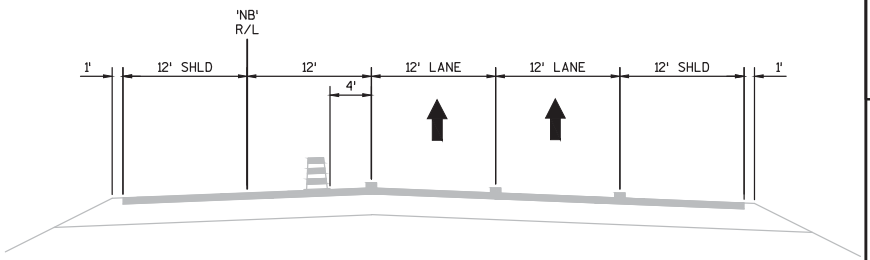
PROJECT NO:1005-10-76	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 2A	SHEET 1373C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-76 TC OVERVIEW STG4 PH2A.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2



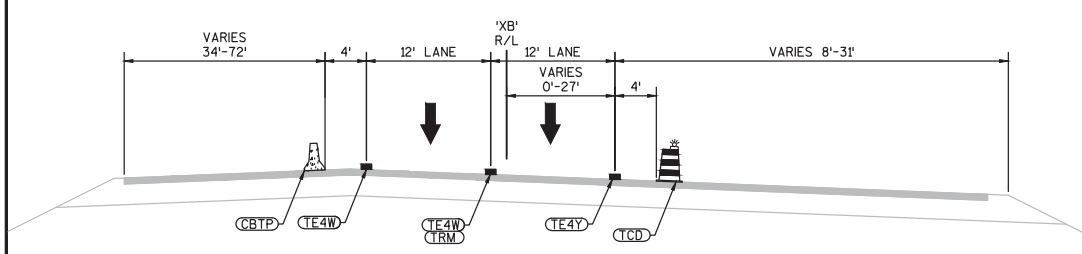


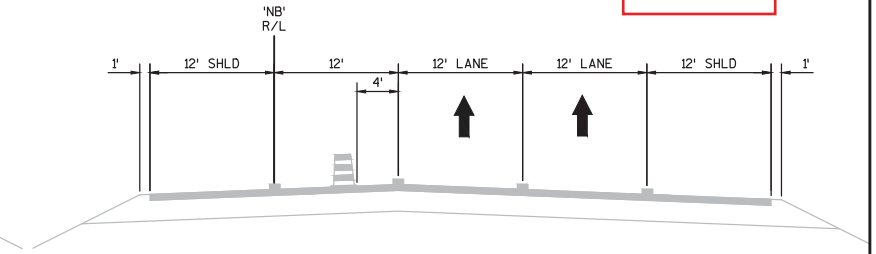
2

TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1081+00'XB' - STA. 1085+50'XB'
STA. 1081+00'NB' - STA. 1084+00'NB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1373D
November 28, 2018





TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1085+50'XB' - STA. 1097+00'XB'
STA. 1084+00'NB' - STA. 1097+00'NB'

LEGEND

TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

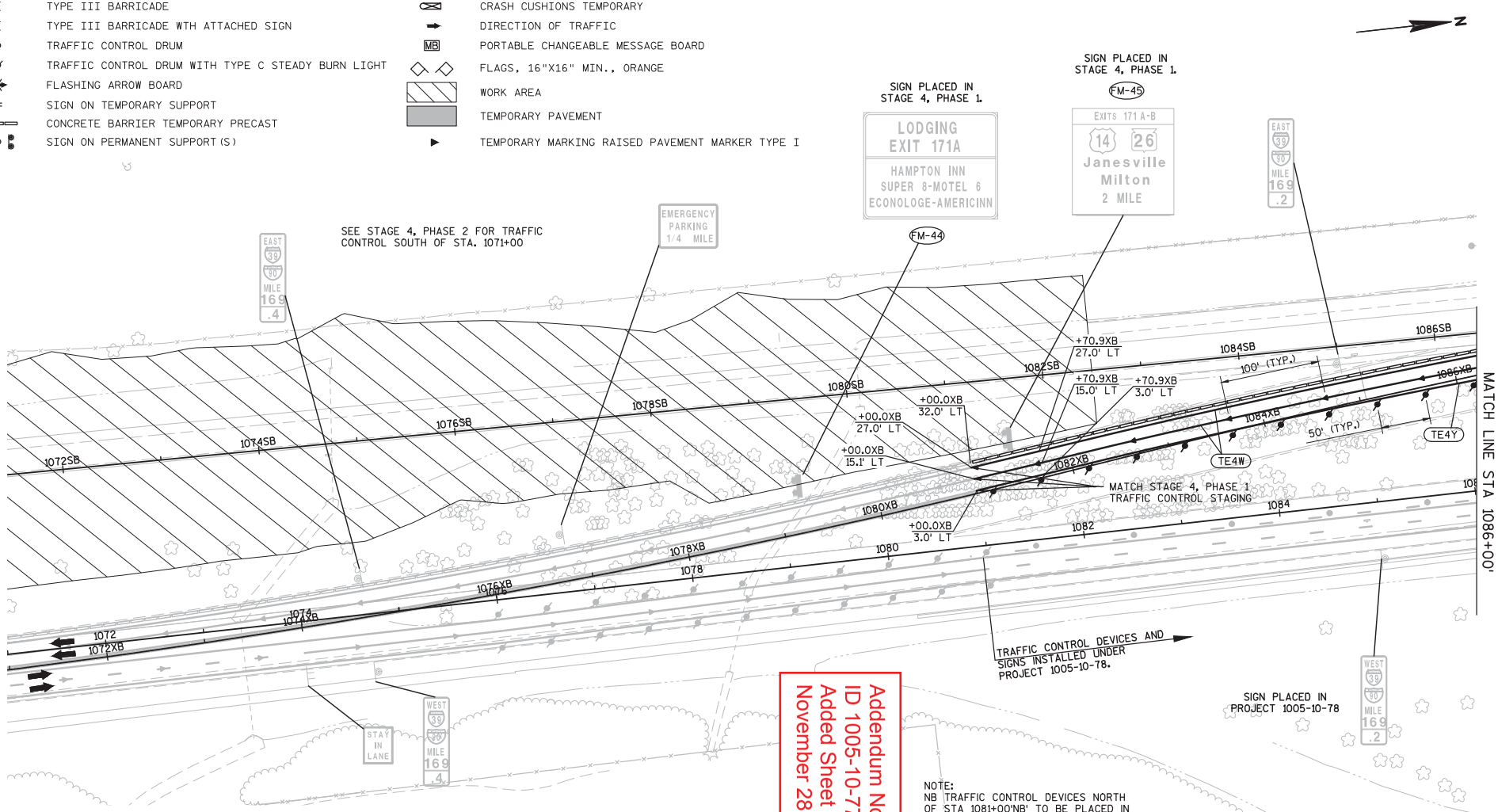
NOTE:
NB TRAFFIC CONTROL DEVICES PLACED IN PROJECT 1005-10-78.

SEE PAVEMENT MARKING PLANS
FOR MARKING TYPE AND LOCATION

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 2A	SHEET 1373D	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Added Sheet 1373E
November 28, 2018

NOTE:
NB TRAFFIC CONTROL DEVICES NORTH OF STA 1081+00'NB' TO BE PLACED IN PROJECT 1005-10-78.

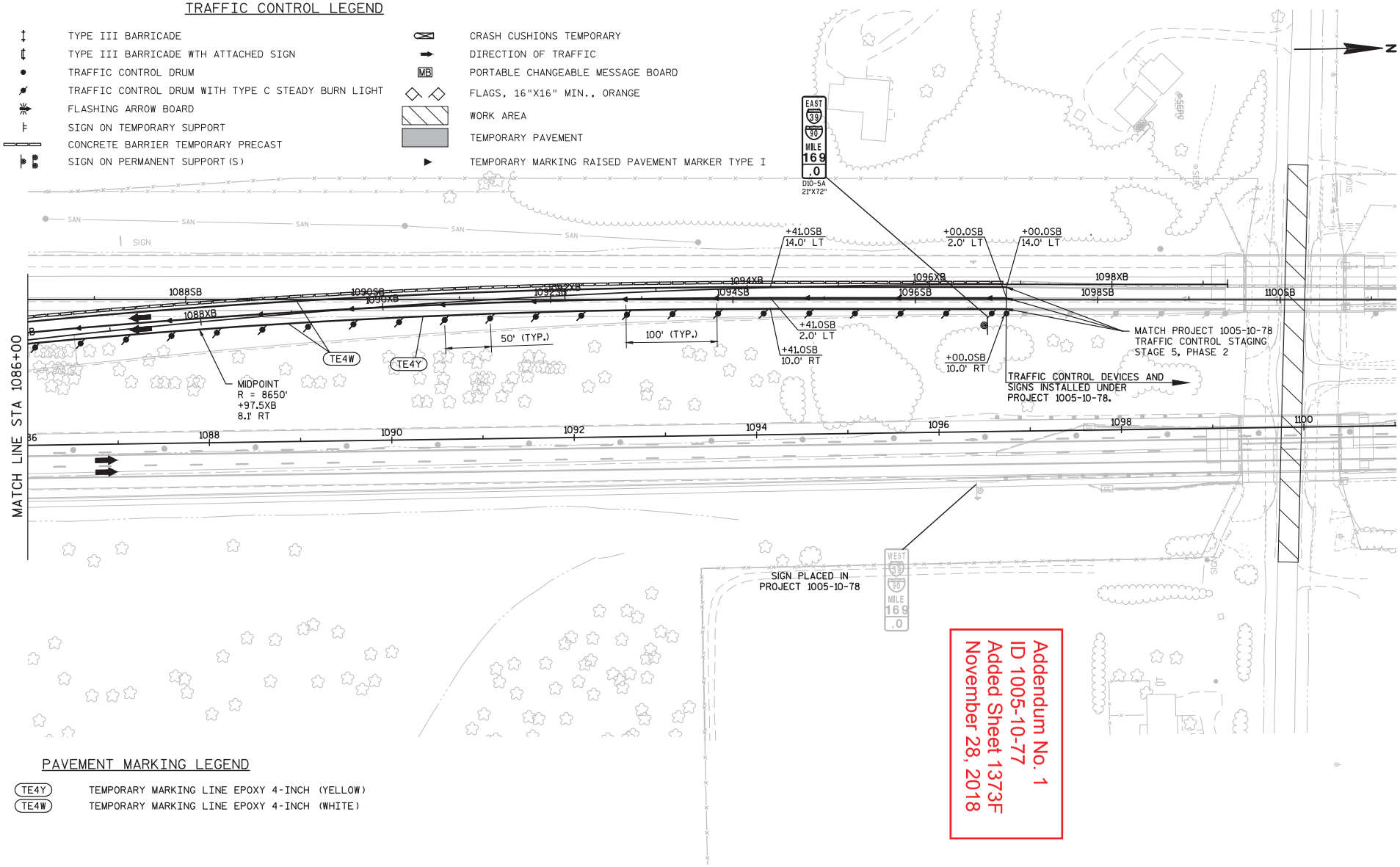
PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 2A	SHEET 1373E	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Added Sheet 1373F
November 28, 2018

PAVEMENT MARKING LEGEND

TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 2A	SHEET 1373F	E

2

STAGE 4, PHASE 3

CONCURRENT WITH STAGE 4, PHASE 3 - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- ~~NB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE OUTSIDE OF THE NEW NB PAVEMENT OF IH 39/90.~~
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE MEDIAN SIDE OF THE NEW NB ROADWAY THROUGH THE USE OF A CROSSOVER NORTH OF MOUNT ZION AVENUE.
- SB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE OUTSIDE LANES OF THE NEW SB PAVEMENT THROUGH THE USE OF THE 'XB' CROSSOVER SOUTH OF TOWNLINE ROAD.

USH 14 RAMPS

- NB AND SB ENTRANCE RAMPS AND THE NB EXIT RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB EXIT RAMP WILL USE TEMPORARY SB OFF-RAMP 'THD' COMPLETED IN STAGE 4, PHASE 1.
- ACCESS TO USH 14 WB FROM THE SB EXIT RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PREVISIONS. SEE DETOUR PLANS FOR DETAILS.
- SB ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMP 'HC', TEMPORARY SB ON-RAMP 'THC', AND TEMPORARY SB ON-RAMP CROSSOVER 'XHC' COMPLETED IN STAGE 3.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'HB' AND 'HA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.

STH 26 RAMPS

- NB EXIT AND ENTRANCE RAMPS AND THE SB EXIT RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB ENTRANCE RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'CB' AND 'CA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.
- SB EXIT TRAFFIC WILL USE TEMPORARY RAMP CROSSOVER 'YCD', SB IH 39/90 PAVEMENT COMPLETED IN STAGE 4, PHASE 2, AND RAMP 'CD' COMPLETED IN STAGE 4, PHASE 2.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME AND OFF PEAK CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS
- RYAN ROAD TRAFFIC WILL REMAIN ON EXISTING LANES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- SB PAVEMENT ~~TO ACCOMMODATE~~ TRAFFIC AND TRAFFIC CONTROL DEVICES AS SHOWN IN STAGE 4, PHASE 4.
- ~~STRUCTURES~~ B-53-371, ~~B-53-342, R-53-42, R-53-47, R-53-48, R-53-53~~, R-53-54, S-53-81, S-53-82, AND S-53-91.
- CD ROAD POLYMER OVERLAY OF STRUCTURES B-53-371 AND B-53-342

USH 14 RAMPS

- COMPLETION OF RAMPS 'HC' AND 'HD'.

STH 26 RAMPS

- NONE

USH 14

- NONE

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD

- NONE

RYAN ROAD

- COMPLETION OF RYAN ROAD AND WATERMAIN EXTENSION.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1374
November 28, 2018

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS, AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

BEGIN TRAFFIC CONTROL
STA. 863+00.00

870 880 890 892 900 910 920 930 940

N-53-17

N-53-21

R-53-43

B-53-338(SB)

R-53-44 (SB HALF)

R-53-45 (SB HALF)

S-53-81

S-53-91

R-53-47

S-53-82

USH 14

PONTIAC DR

DEERFIELD DR

MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1375
November 28, 2018

B-53-342(SB)

STH 26

MORSE ST

R-53-48 (SB HALF)

B-53-340(SB)

R-53-49 (SB HALF)

RYAN RD

MATCHLINE STA. 949+00

950 960 970 980 990 1000 1010 1020 1030 1040

WSOR

R-53-54 (SB HALF)

R-53-53 (SB HALF)

KETTERING ST

N-53-19

KENNEDY RD

MATCHLINE STA. 1042+00

N

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 3	SHEET 1375	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\TC10V28V2018S4P59DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT

LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

END TRAFFIC CONTROL
STA. 1097+50.00

N

MATCHLINE STA. 1042+00

CROSSOVER 'XB'

TOWNLINE RD

1050 1060 1070 1080 1090 1100 1110 1120

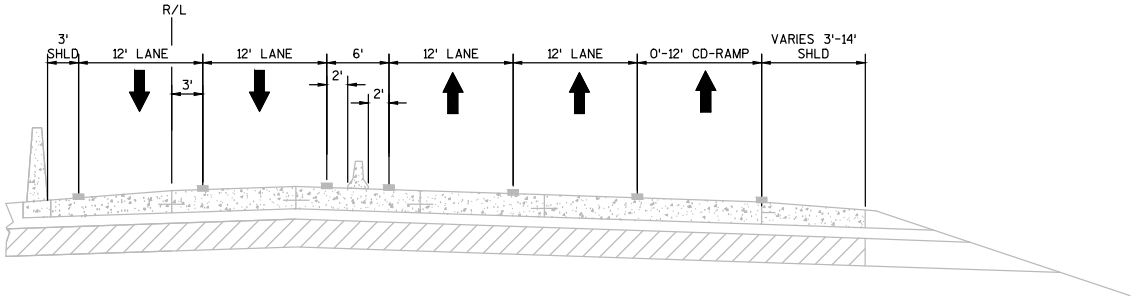
Addendum No. 1
ID 1005-10-77
Added Sheet 1375A
November 28, 2018

PROJECT NO:1005-10-76	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 3	SHEET 1375A	E

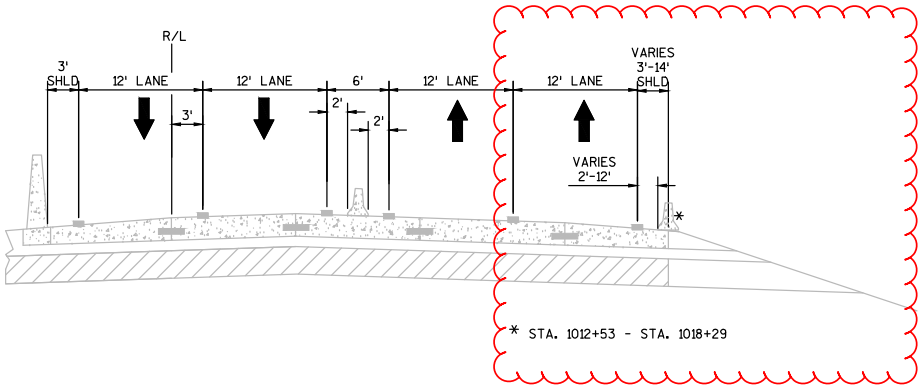
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-76_TC10V28V28W18S4P3.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1002+52 - STA. 1011+59



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1011+59 - STA. 1025+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1381
November 28, 2018

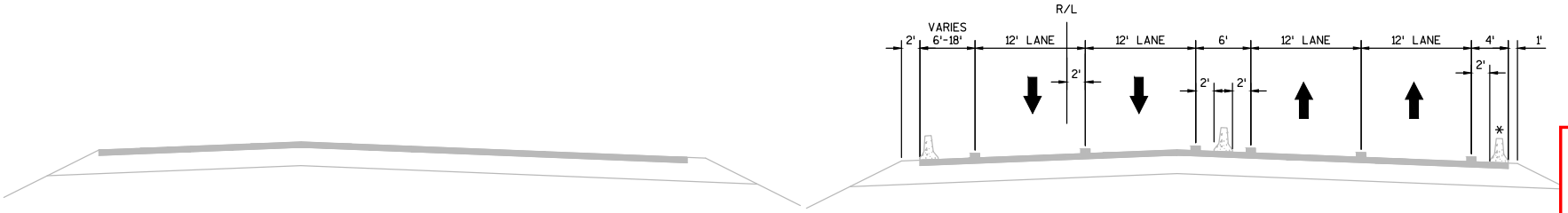
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 3	SHEET 1381	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC11_S1381.DWG 3:30 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:12 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 42

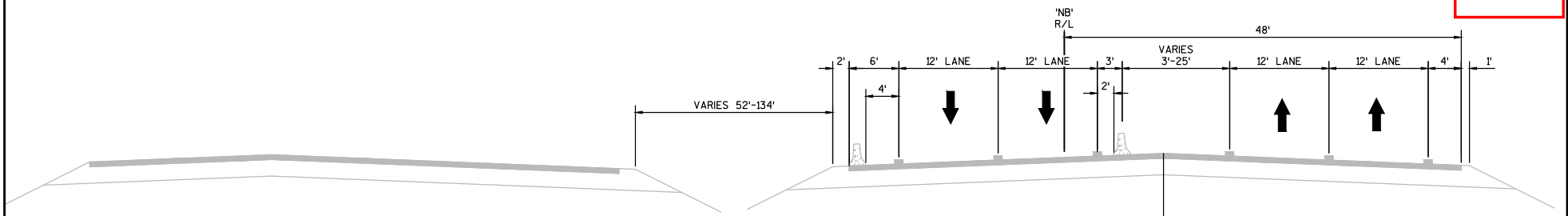
2



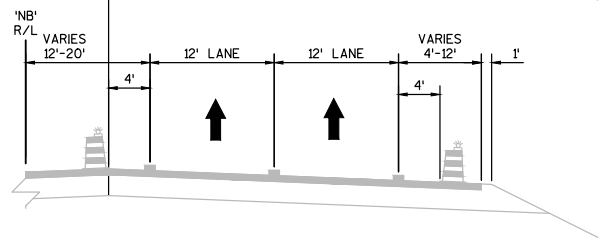
* STA. 1030+70 - STA 1042+00

TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1025+00'NB' - STA. 1069+50'NB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1381A
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1069+50'NB' - STA. 1081+00'NB'



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1076+00'NB' - STA. 1081+00'NB'

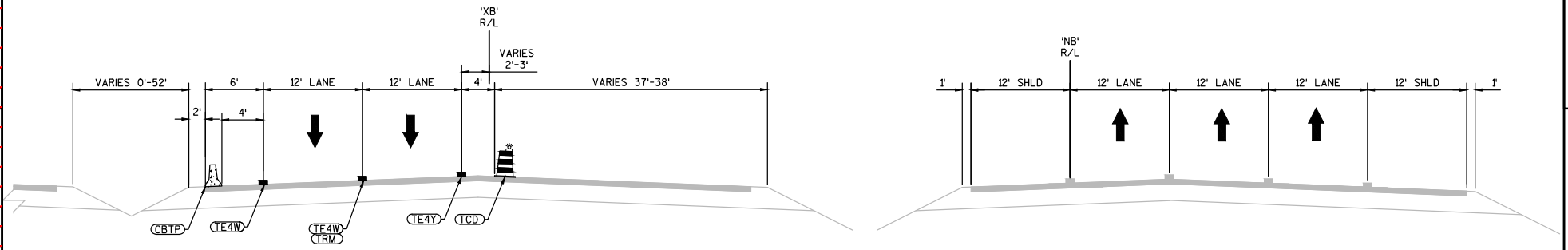
LEGEND

TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

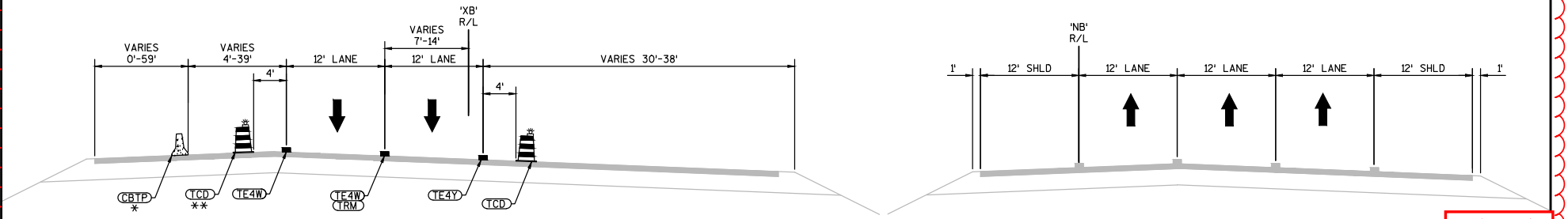
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 3	SHEET 1381A	E



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1081+00'XB' - STA. 1085+50'XB'
STA. 1081+00'NB' - STA. 1084+00'NB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1085+50'XB' - STA. 1097+50'XB'
STA. 1084+00'NB' - STA. 1097+50'NB'

*STA 1085+50'XB' - STA. 1088+93'XB'
**STA 1086+50'XB' - STA 1097+50'XB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1381B
November 28, 2018

LEGEND

TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

NOTE:
NB TRAFFIC CONTROL DEVICES PLACED IN PROJECT 1005-10-78.

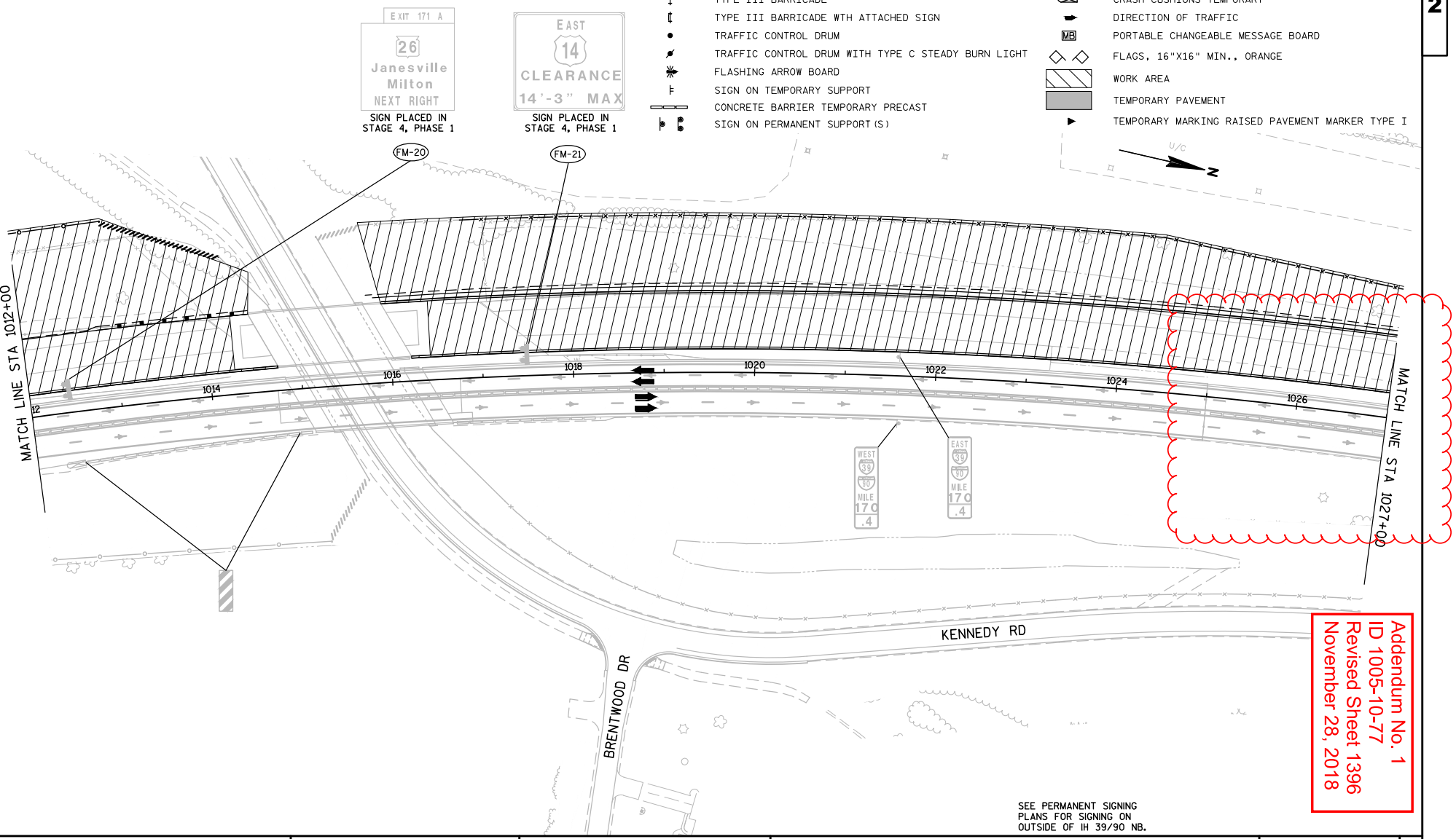
SEE PAVEMENT MARKING PLANS
FOR MARKING TYPE AND LOCATION

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 3	SHEET 1381B	E

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT (S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



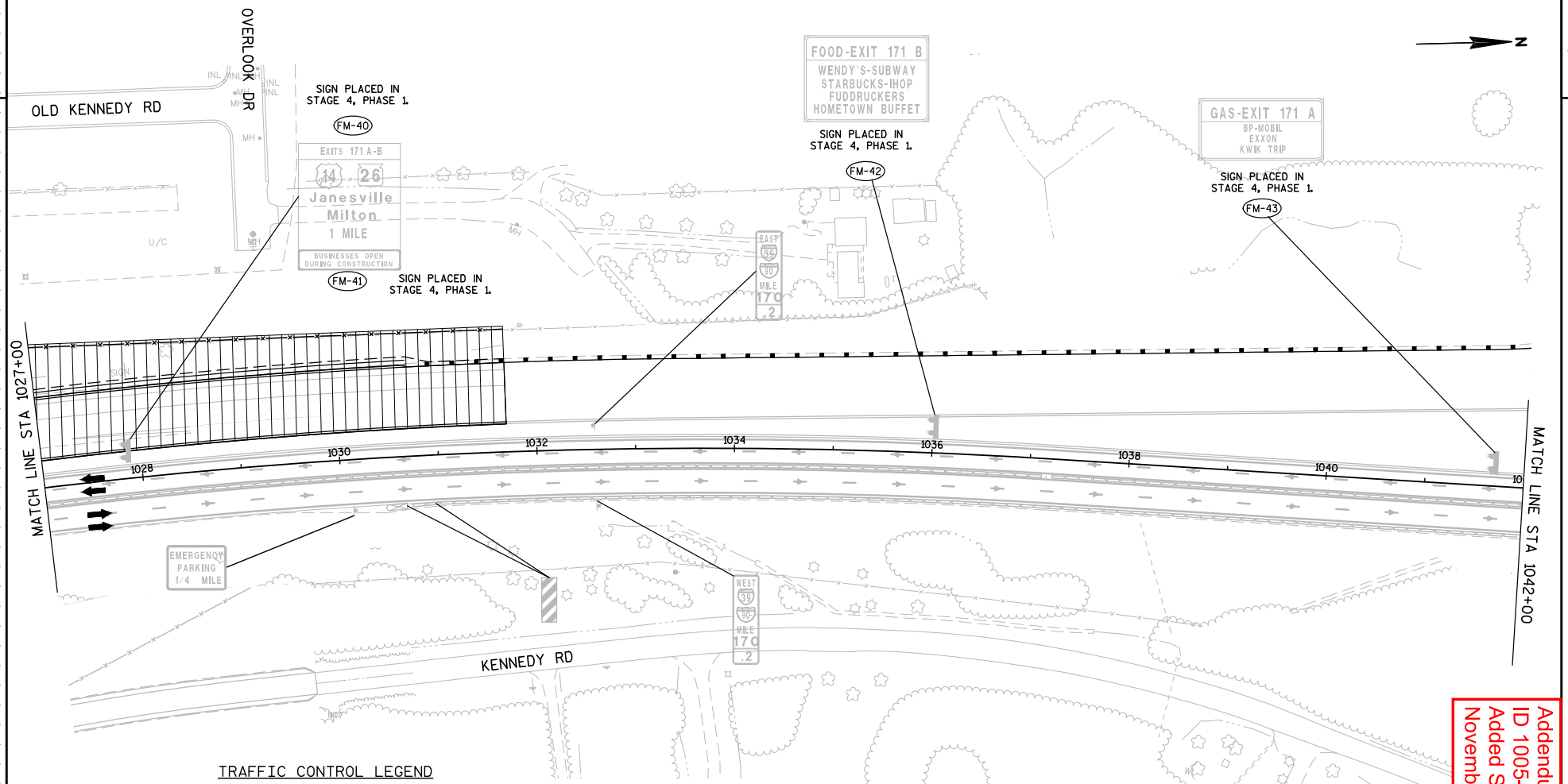
SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1396
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 4, PHASE 3	SHEET 1396	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1428_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - NB - (11)

WISDOT/CADDS SHEET 42



TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD (MB)
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB.

Addendum No. 1
ID 1005-10-77
Added Sheet 1396A
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 4, PHASE 3	SHEET 1396A	E

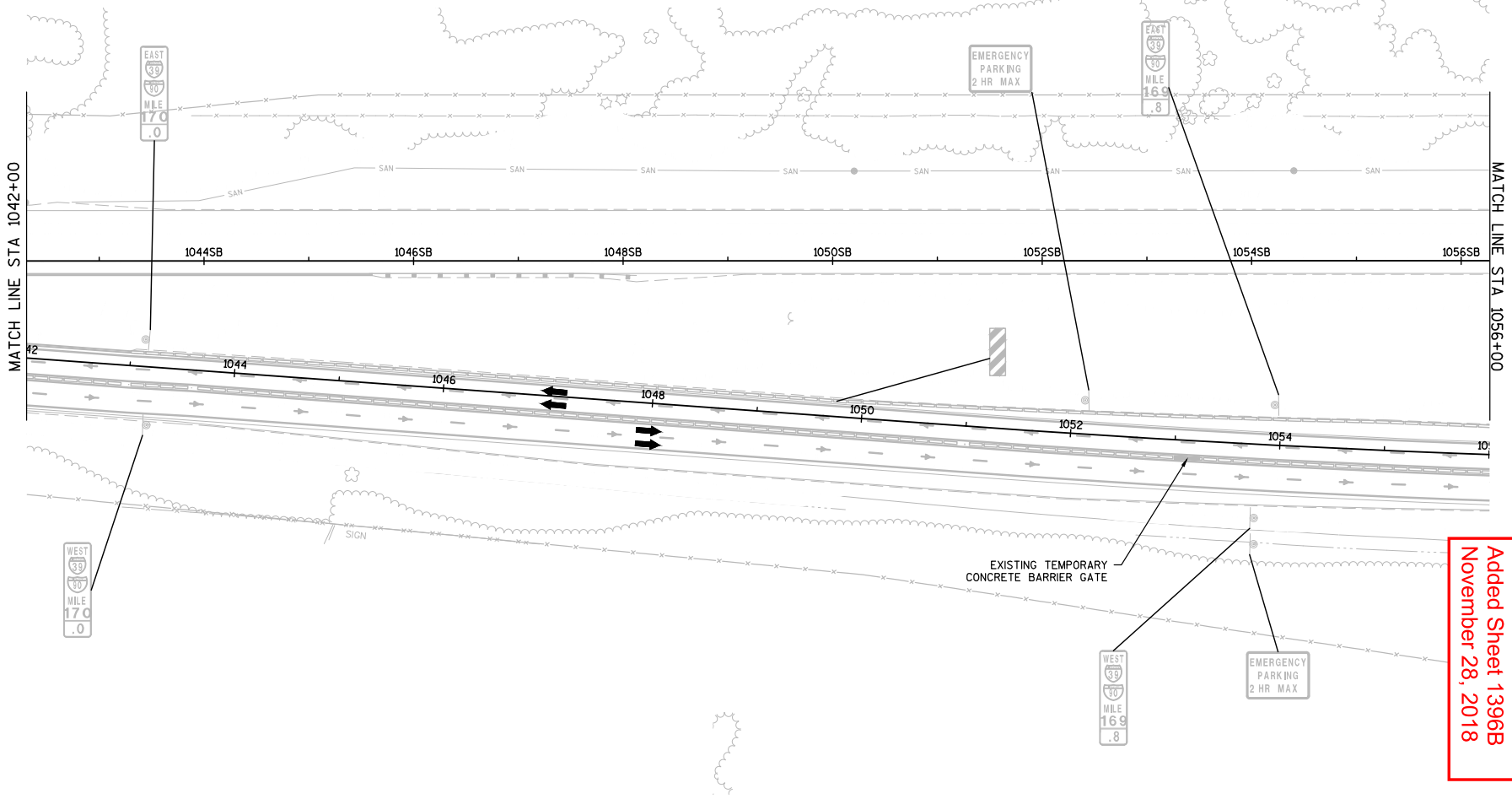
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\TC1428_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - NB - (12)

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING
ON OUTSIDE OF IH 39/90 NB.



Addendum No. 1
ID 1005-10-77
Added Sheet 1396B
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 3	SHEET 1396B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1428_2018M4-15 END)_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - SHEET - (2)

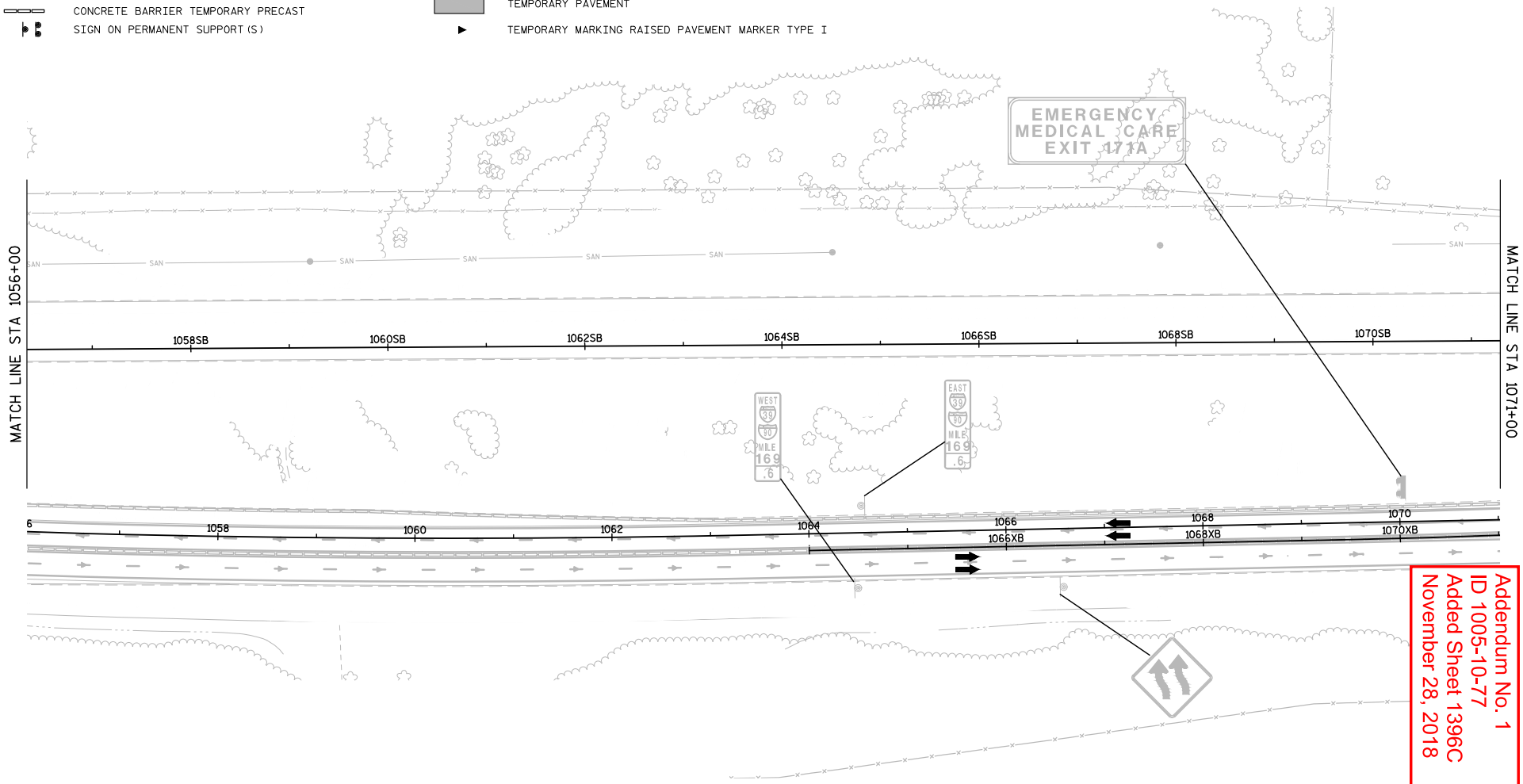
2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING
ON OUTSIDE OF IH 39/90 NB.

N

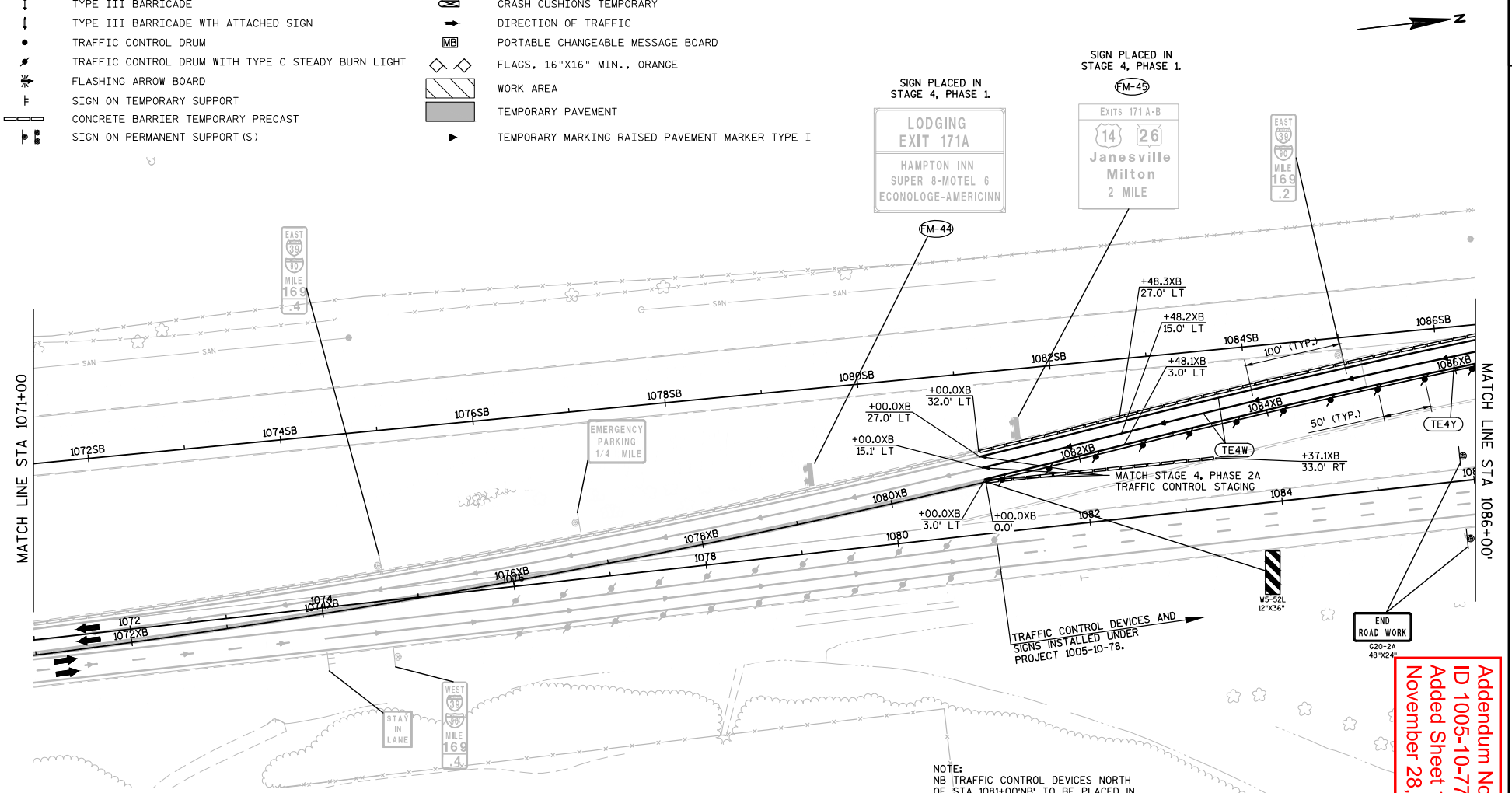


Addendum No. 1
ID 1005-10-77
Added Sheet 1396C
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 3	SHEET 1396C	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



NOTE:
NB TRAFFIC CONTROL DEVICES NORTH OF STA 1081+00'NB' TO BE PLACED IN PROJECT 1005-10-78.

PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)

Addendum No. 1
ID 1005-10-77
Added Sheet 1396D
November 28, 2018

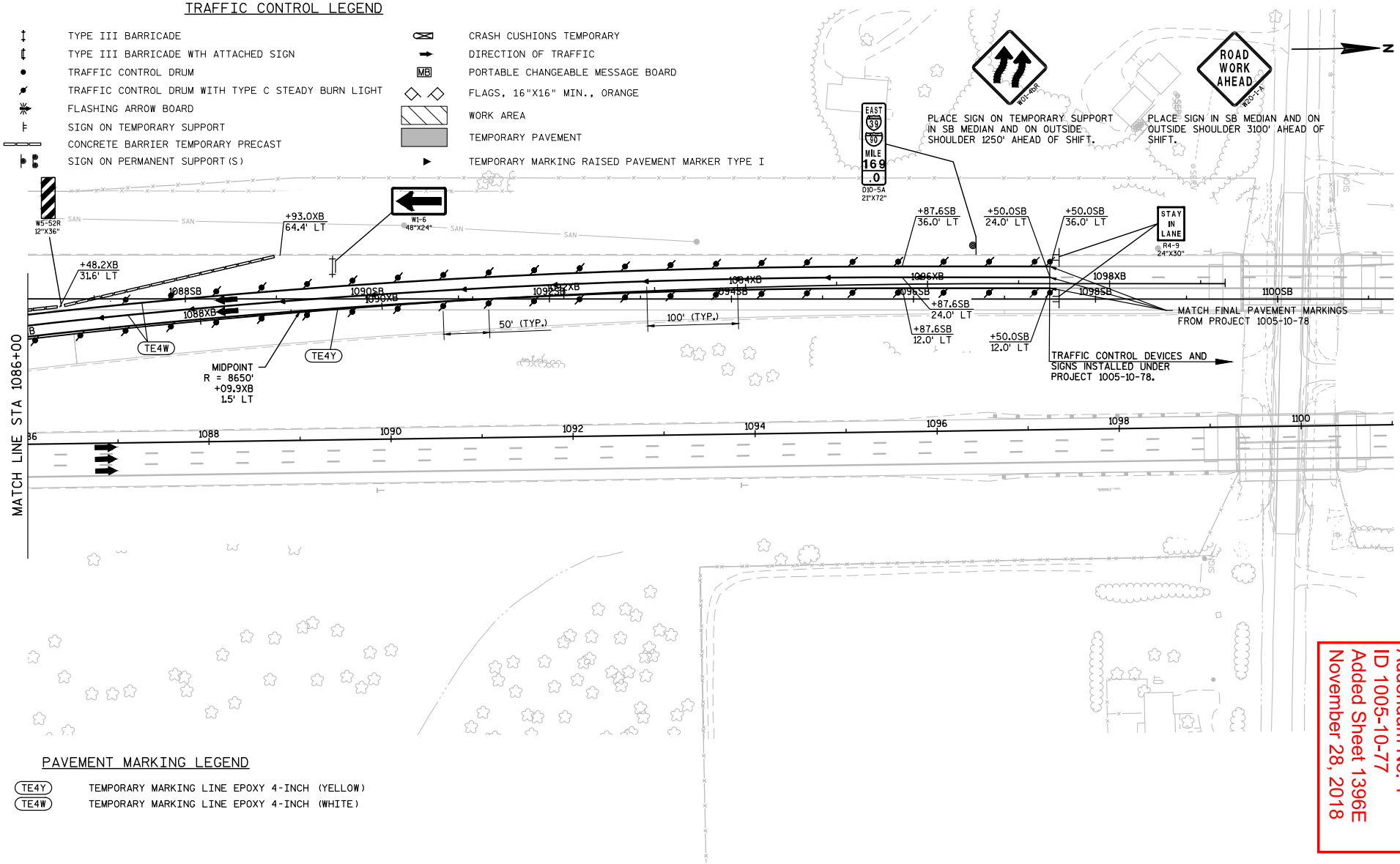
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 3	SHEET 1396D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS 1005-10-77 (1396 END)_DETAIL.DWG PLOTTED BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - SHEET - (4)

WISDOT/CADDS SHEET 42

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



PAVEMENT MARKING LEGEND

- TE4Y — TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
- TE4W — TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)

Addendum No. 1
ID 1005-10-77
Added Sheet 1396E
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 3	SHEET 1396E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1428_2018M4-18 END)_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - SHEET - (S)

2

STAGE 4, PHASE 4

CONCURRENT WITH STAGE 4, PHASE 4 THROUGH STAGE 4, PHASE 4C - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- ~~NB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE OUTSIDE OF THE NEW NB PAVEMENT OF IH 39/90.~~
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE MEDIAN SIDE OF THE NEW NB ROADWAY THROUGH THE USE OF A CROSSOVER NORTH OF MOUNT ZION AVENUE.
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE OUTSIDE LANES OF THE NEW SB PAVEMENT THROUGH THE USE OF THE 'XB' CROSSOVER SOUTH OF TOWNLINE ROAD.

USH 14 RAMPS

- NB AND SB ENTRANCE AND EXIT RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB EXIT RAMP WILL USE TEMPORARY CROSSOVER 'YCD', THE CD ROAD ALONG SB IH 39/90, AND RAMP 'HD' COMPLETED IN STAGE 4, PHASE 3.
- SB ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMP 'HC' COMPLETED IN STAGE 4, PHASE 3, AND CROSSOVER TO NB IH 39/90.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'HB' AND 'HA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.

STH 26 RAMPS

- NB EXIT AND ENTRANCE RAMPS AND THE SB EXIT RAMP WILL BE OPEN TO ALL LANES AT ALL TIMES.
- THE SB ENTRANCE RAMP WILL BE CLOSED AND DETOURED AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS. SEE DETOUR PLANS FOR DETAILS.
- NB EXIT AND ENTRANCE RAMP TRAFFIC WILL USE THE NEW RAMPS 'CB' AND 'CA', RESPECTIVELY, AND CD ROAD ALONG NB IH 39/90 CONSTRUCTED IN STAGE 2.
- SB EXIT TRAFFIC WILL USE TEMPORARY SB OFF-RAMP CROSSOVER 'YCD', SB IH 39/90 PAVEMENT COMPLETED IN STAGE 4, PHASE 2, AND RAMP 'CD' COMPLETED IN STAGE 4, PHASE 2.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- SB PAVEMENT TO ACCOMMODATE TRAFFIC AND TRAFFIC CONTROL DEVICES AS SHOWN IN STAGE 5.
- ~~STRUCTURES B-53-338, B-53-43, B-53-44, B-53-45, N-53-17, N-53-19, AND N-53-21.~~
- POLYMER OVERLAY OF B-53-338 AND MAINLINE POLYMER OVERLAY OF STRUCTURES B-53-371, B-53-342, AND B-53-344.

USH 14 RAMPS

- NONE

STH 26 RAMPS

- COMPLETION OF ENTRANCE RAMP 'CC'.

USH 14

- ITS COMMUNICATIONS HUB BUILDING

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD

- NONE

RYAN ROAD

- NONE

Addendum No. 1
ID 1005-10-77
Revised Sheet 1399
November 28, 2018

2

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, EXIT RAMP CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING
  -TRAFFIC CONTROL, LANE CLOSURE

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

DEPARTMENT-FURNISHED ITS COMMUNICATIONS HUB BUILDING AND DRIVEWAY

R-53-45 (SB HALF)

PONTIAC DR

MATCHLINE STA. 949+00

B-53-338(SB)

USH 14

R-53-44 (SB HALF)

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

N-53-21

N-53-21

R-53-43

870 880 890 892 900 910 920 930 940

DEERFIELD DR

BEGIN TRAFFIC CONTROL
STA. 863+00.00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1400
November 28, 2018

MORSE ST

STH 26

WSOR

RYAN RD

MATCHLINE STA. 949+00

950 960 970 980 990 1000 1010 1020 1030 1040

N-53-19

KENNEDY RD

KETTERING ST

MATCHLINE STA. 1042+00

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 4	SHEET 1400	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC10V28V2018S4P4.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT

LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

END TRAFFIC CONTROL
STA. 1097+50.00

CROSSOVER 'XB'

MATCHLINE STA. 1042+00

TOWNLINE RD

1050 1060 1070 1080 1090 1100 1110 1120

Addendum No. 1
ID 1005-10-77
Added Sheet 1400A
November 28, 2018

2

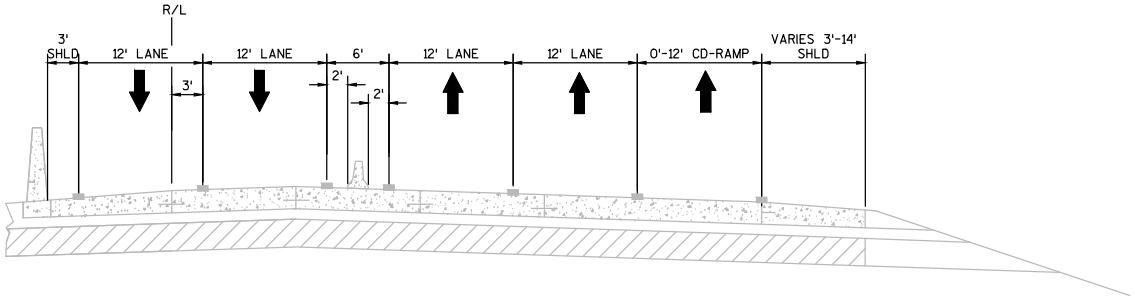
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 4, PHASE 4	SHEET 1400A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC10V28V2018S4P4.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT

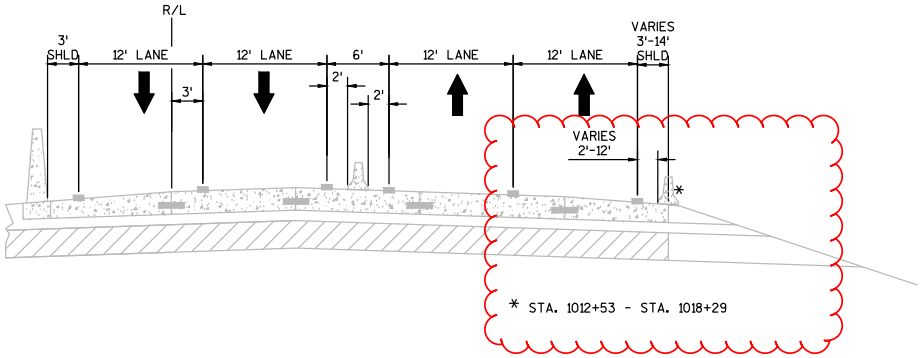
LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

2



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1002+52 - STA. 1011+59



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1011+59 - STA. 1025+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1406
November 28, 2018

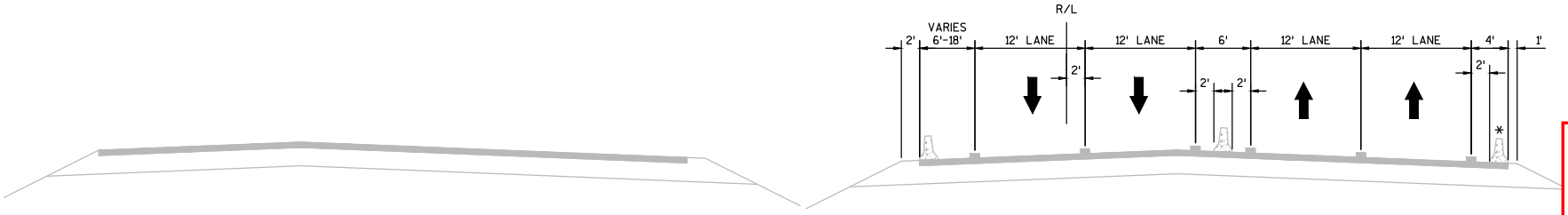
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 4	SHEET 1406	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC11S284201.DWG 4:44 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:12 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 42

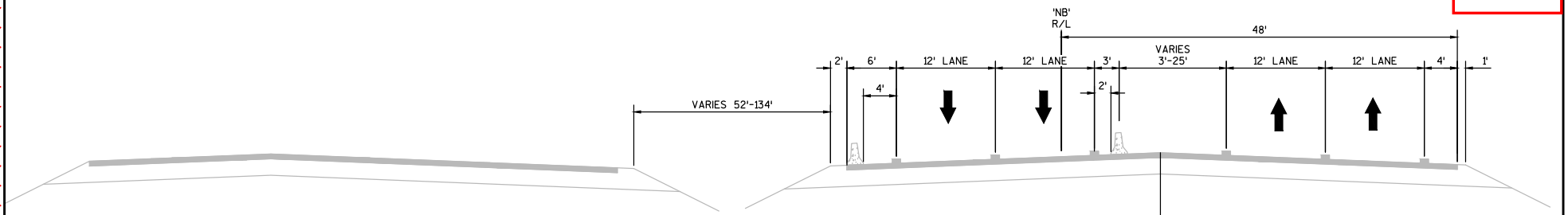
2



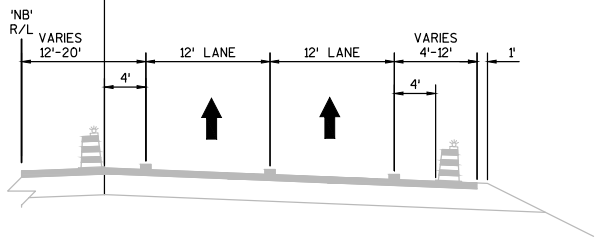
* STA. 1030+70 - STA 1042+00

TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1025+00'NB' - STA. 1069+50'NB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1406A
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1069+50'NB' - STA. 1081+00'NB'



TRAFFIC CONTROL TYPICAL SECTION
IH 39/90
STA. 1076+00'NB' - STA. 1081+00'NB'

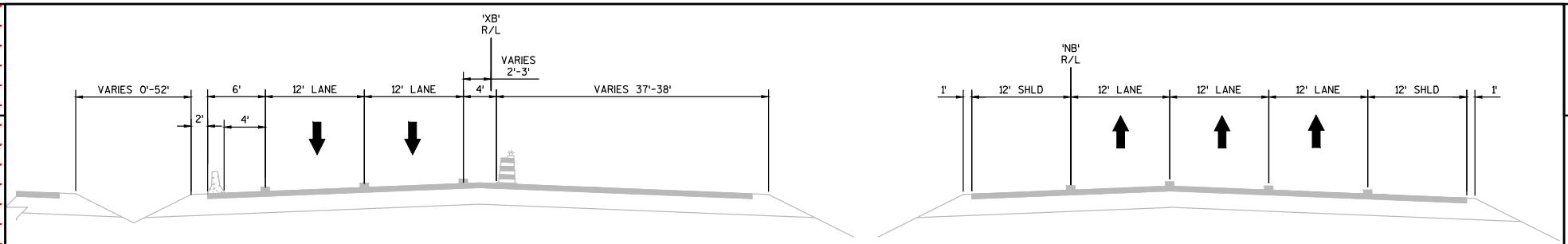
LEGEND

TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

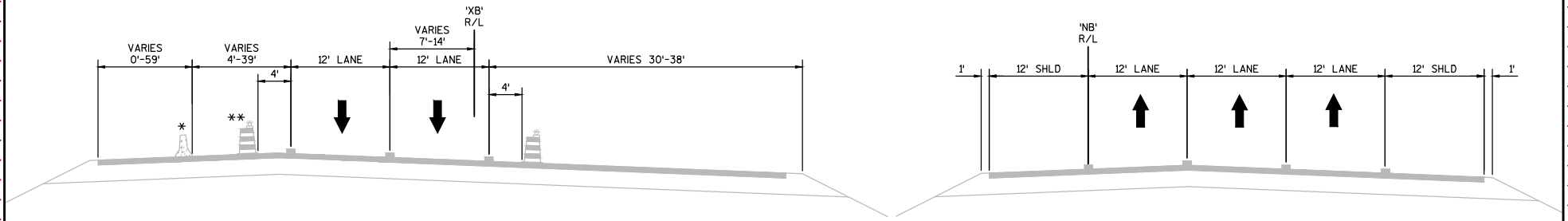
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 4	SHEET 1406A	E



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1081+00'XB' - STA. 1085+50'XB'
STA. 1081+00'NB' - STA. 1084+00'NB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1085+50'XB' - STA. 1097+50'XB'
STA. 1084+00'NB' - STA. 1097+50'NB'

*STA 1085+50'XB' - STA. 1088+93'XB'
**STA 1086+50'XB' - STA 1097+50'XB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1406B
November 28, 2018

LEGEND

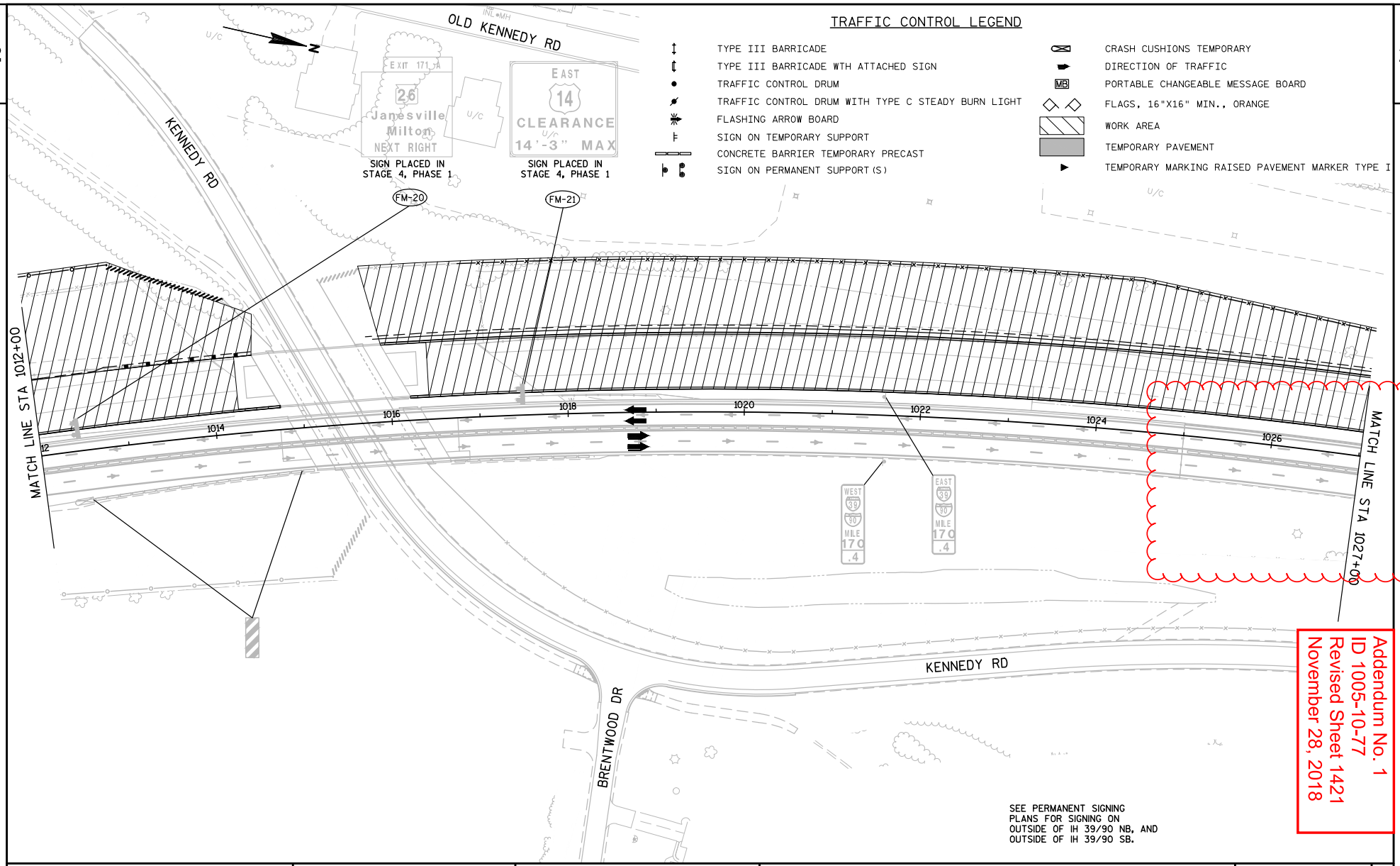
TCD	TRAFFIC CONTROL DRUMS
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TE4W	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE)
TE4Y	TEMPORARY MARKING LINE EPOXY 4-INCH (YELLOW)
TRM	TEMPORARY RAISED PAVEMENT MARKERS TYPE I (WHITE - SEE PLANS FOR SPACING)
TE4W-LL	TEMPORARY MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)
E4W	MARKING LINE EPOXY 4-INCH (WHITE)
E4W-LL	MARKING LINE EPOXY 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

NOTE:
NB TRAFFIC CONTROL DEVICES PLACED IN PROJECT 1005-10-78.

SEE PAVEMENT MARKING PLANS
FOR MARKING TYPE AND LOCATION

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 4, PHASE 4	SHEET 1406B	E



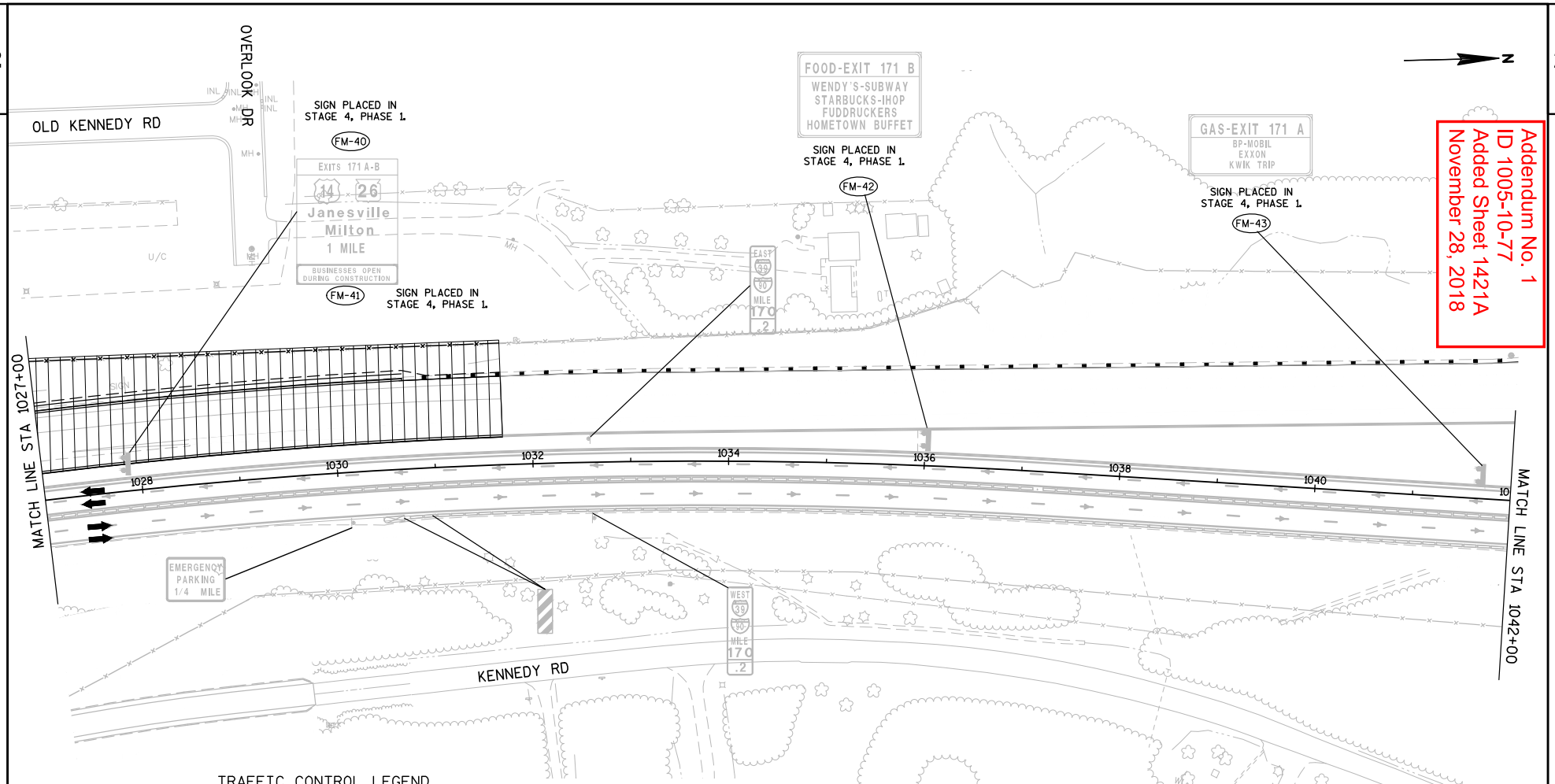
Addendum No. 1
ID 1005-10-77
Revised Sheet 1421
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 4, PHASE 4	SHEET 1421	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S4P4_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S4P4_DETAIL - NB - (11)

WISDOT/CADDS SHEET 42

Addendum No. 1
ID 1005-10-77
Added Sheet 1421A
November 28, 2018



TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

SEE PERMANENT SIGNING PLANS FOR SIGNING ON OUTSIDE OF IH 39/90 NB, AND OUTSIDE OF IH 39/90 SB.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 4, PHASE 4	SHEET 1421A	E

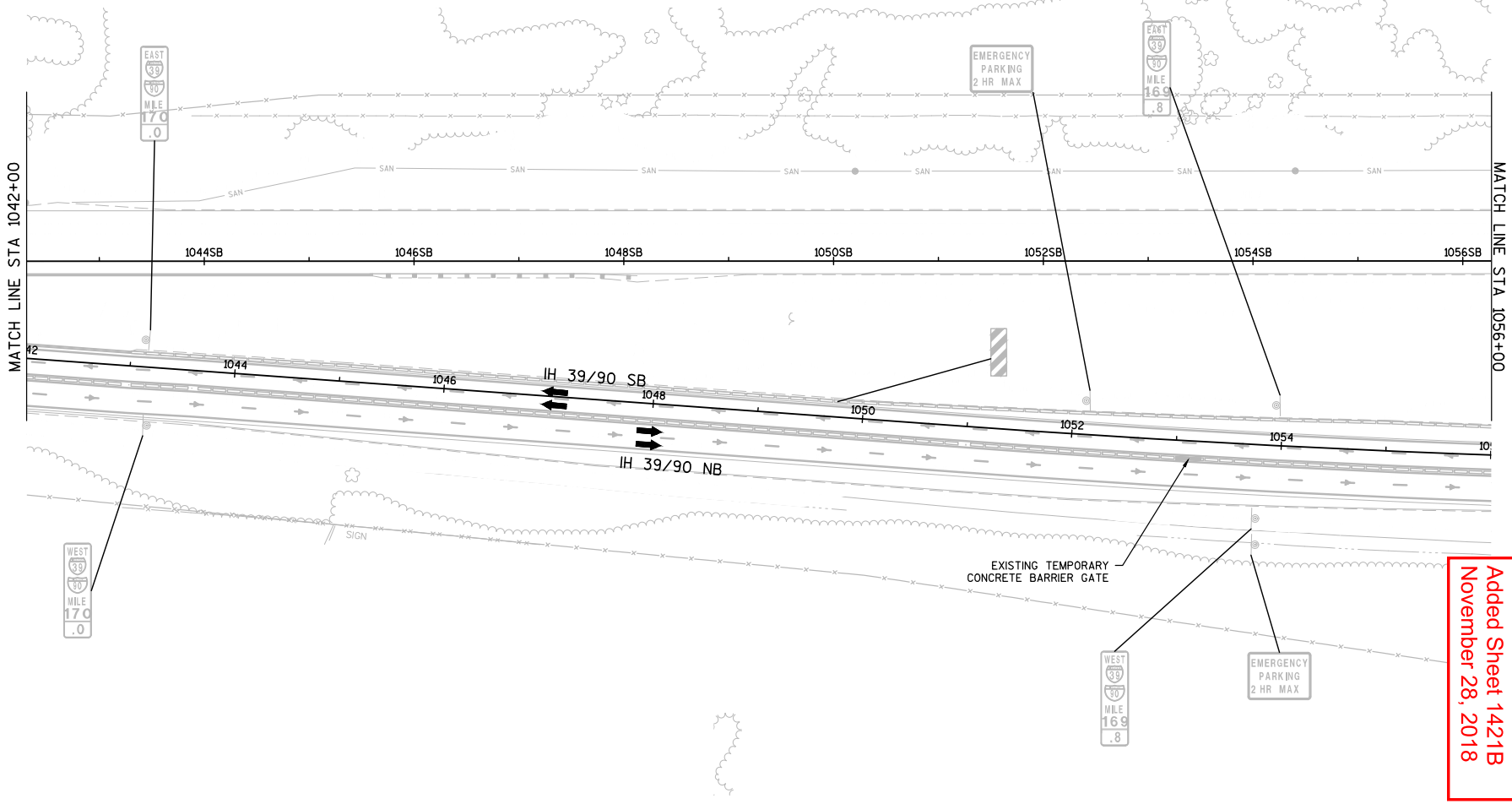
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S4P4_DETAIL - NB.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S4P4_DETAIL - NB ((12)

WISDOT/CADDS SHEET 42

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING
ON OUTSIDE OF IH 39/90 NB.



Addendum No. 1
ID 1005-10-77
Added Sheet 1421B
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 4	SHEET 1421B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1420_2018M4-18 END)_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - SHEET - (2)

WISDOT/CADDS SHEET 42

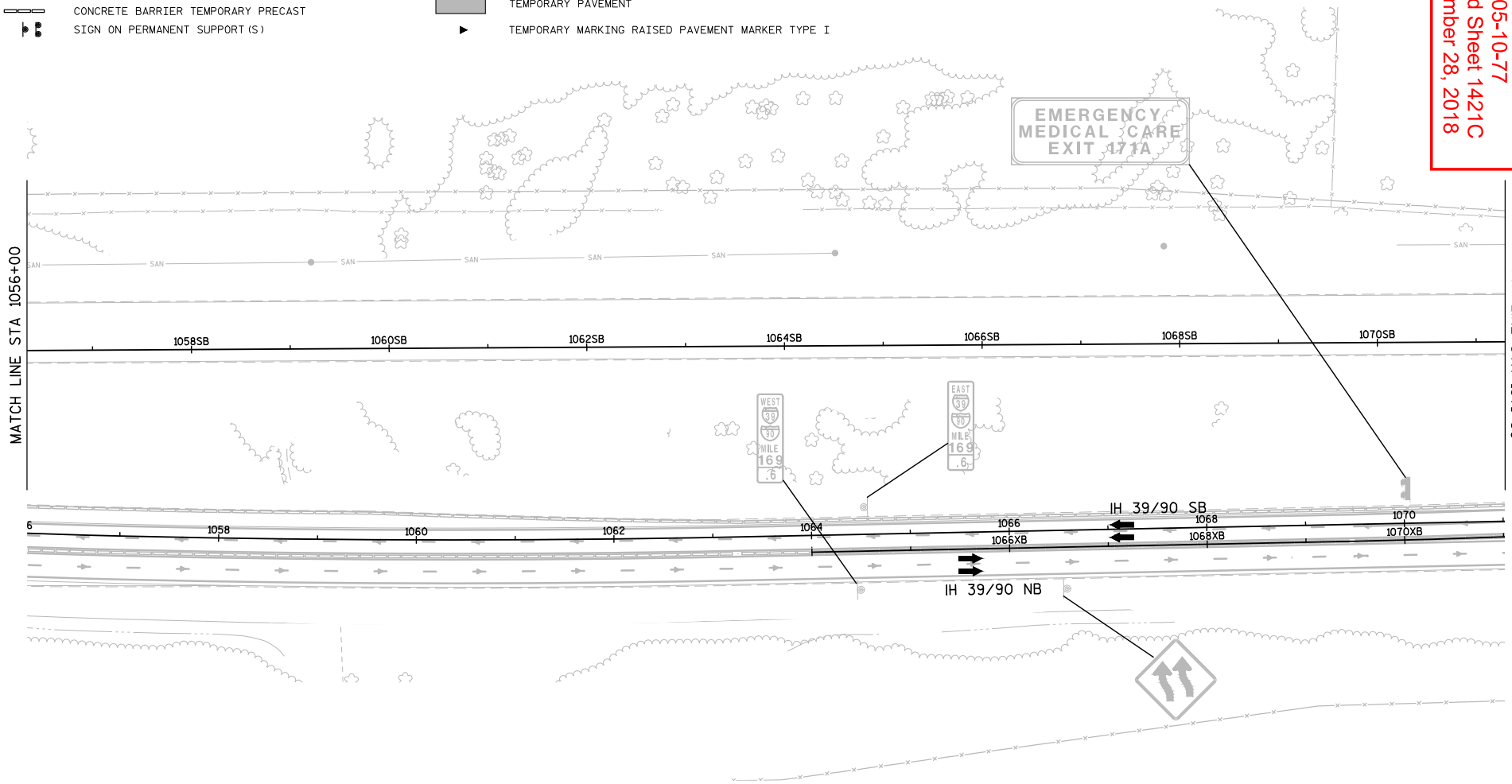
TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNING
ON OUTSIDE OF IH 39/90 NB.

N

Addendum No. 1
ID 1005-10-77
Added Sheet 1421C
November 28, 2018



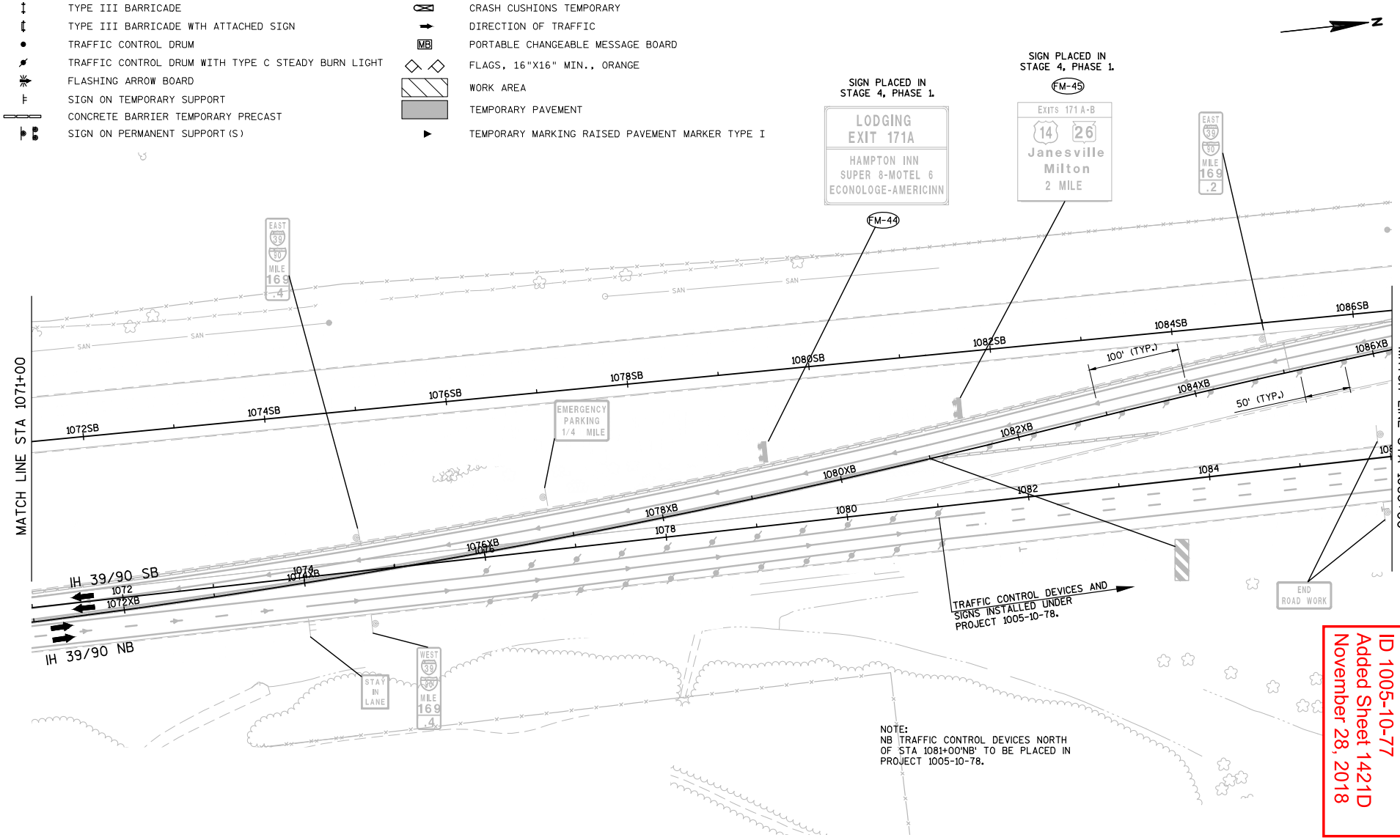
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 4	SHEET 1421C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1420_2018M4-18 END)_DETAIL.DWG PLOTTED BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - SHEET - (3)

WISDOT/CADDS SHEET 42

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



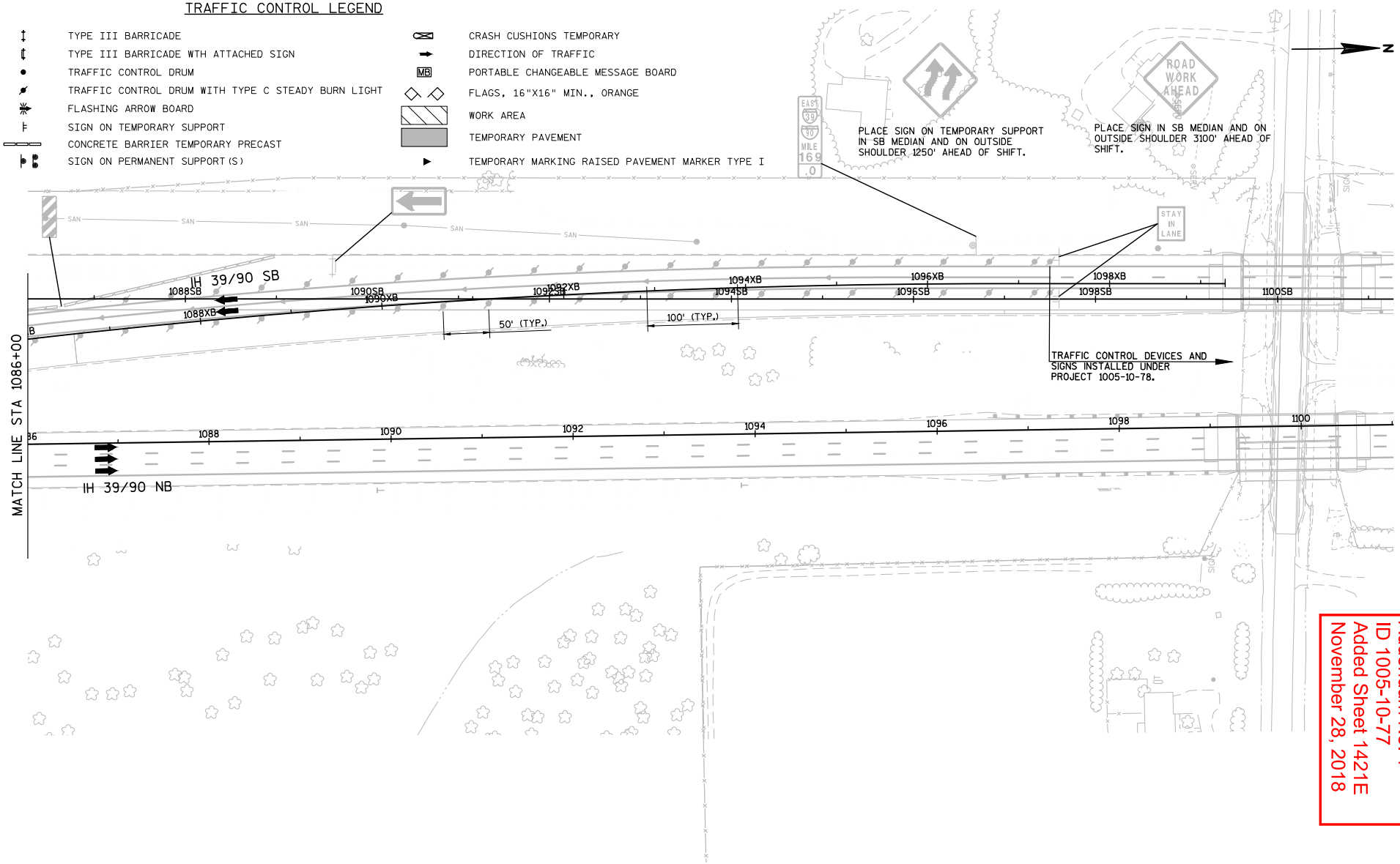
NOTE:
NB TRAFFIC CONTROL DEVICES NORTH OF STA 1081+00'NB' TO BE PLACED IN PROJECT 1005-10-78.

Addendum No. 1
ID 1005-10-77
Added Sheet 1421D
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 4	SHEET 1421D	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Added Sheet 1421E
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 4, PHASE 4	SHEET 1421E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC1420_2018M4-15 END)_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 42
LAYOUT NAME - SHEET - (5)

2

STAGE 5

CONCURRENT WITH STAGE 5 - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE OUTSIDE LANES OF THE NB PAVEMENT OF IH 39/90.
- SB IH 39/90 TRAFFIC WILL BE SHIFTED TO THE COMPLETED SB IH 39/90 PAVEMENT.

USH 14 RAMPS

- ALL RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.

STH 26 RAMPS

- ALL RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- REMAINING SB PAVEMENT AND MISCELLANEOUS MEDIAN WORK.
- REMOVAL OF THE 'XB' CROSSOVER
- POLYMER OVERLAY OF THE MAINLINE MEDIAN HALF OF STRUCTURES B-53-339, B-53-341, B-53-343, B-53-345, AND B-53-347.

USH 14 RAMPS

- NONE

STH 26 RAMPS

- NONE

USH 14

- NONE

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD

- NONE

RYAN ROAD

- NONE

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1428
November 28, 2018

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, LANE CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

N

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

870 880 890 892 900 910 920 930 940

BEGIN TRAFFIC CONTROL
STA. 863+00.00

PONTIAC DR

USH 14

DEERFIELD DR

MATCHLINE STA. 949+00

Addendum No. 1
ID 1005-10-77
Revised Sheet 1427
November 28, 2018

MORSE ST

STH 26

RYAN RD.

WSOR

950 960 970 980 990 1000 1010 1020 1030

KENNEDY RD

KETTERING ST

MATCHLINE STA. 949+00

MATCHLINE STA. 1040+00

N

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 5	SHEET 1427	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\STAGE 5\TC10V28V2018S5.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT

LAYOUT NAME - ####

WISDOT/CADDS SHEET 44

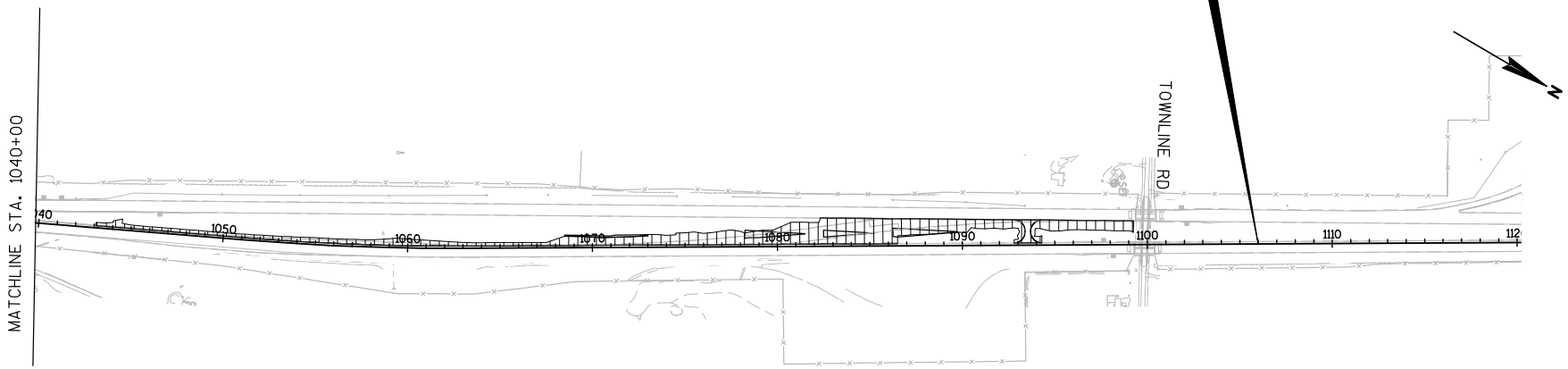
2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

END TRAFFIC CONTROL
STA. 1106+50.00



Addendum No. 1
ID 1005-10-77
Added Sheet 1427A
November 28, 2018

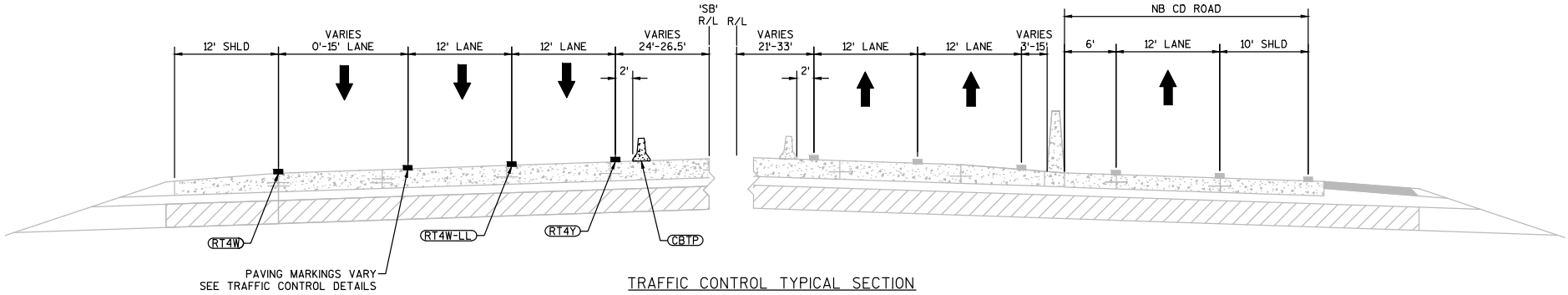
2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 5	SHEET 1427A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC10_STAGE 5.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

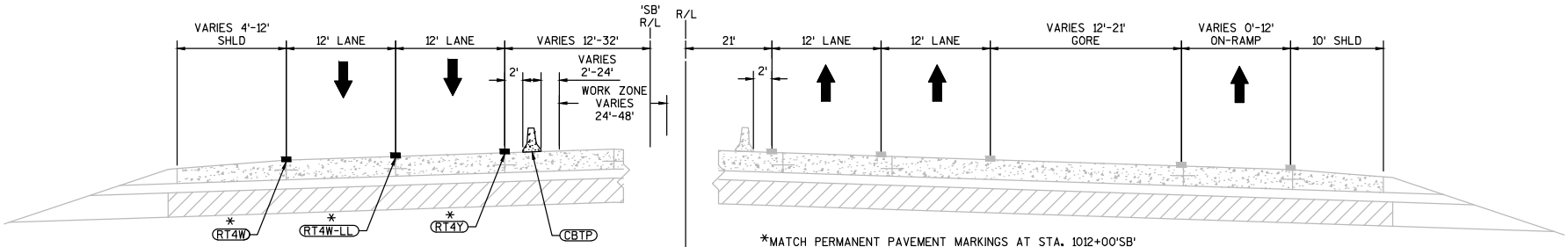
WISDOT/CADDS SHEET 44

2



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 988+27 - STA. 995+54
STA. 988+98 'SB' - STA. 992+13 'SB'

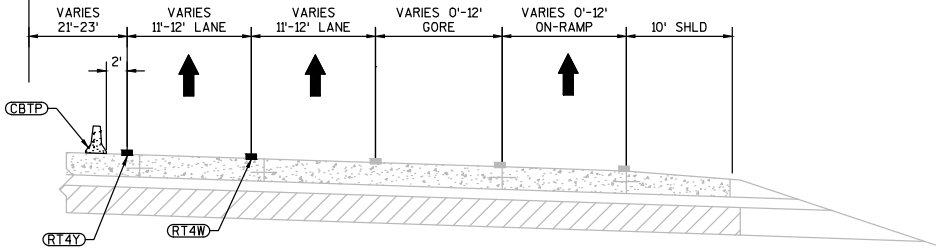


*MATCH PERMANENT PAVEMENT MARKINGS AT STA. 1012+00'SB'

**WORK ZONE FROM STA. 995+50'SB' - STA. 1003+17'SB'

TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 995+54 - STA. 998+73
STA. 992+13 'SB' - STA. 1016+30 'SB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 998+73 - STA. 1011+53

Addendum No. 1
ID 1005-10-77
Revised Sheet 1433
November 28, 2018

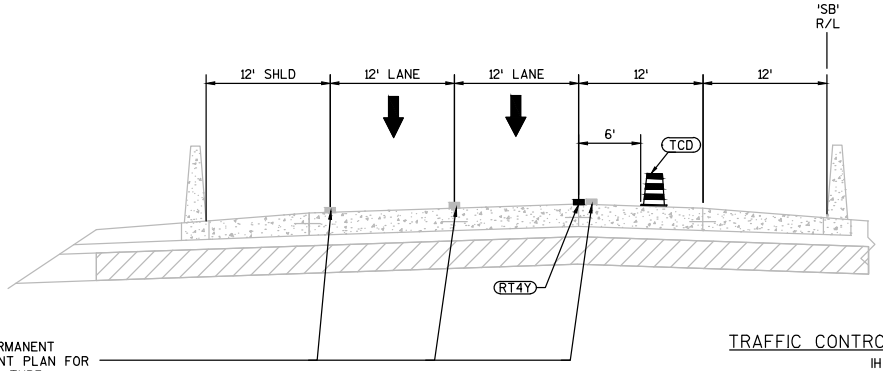
LEGEND

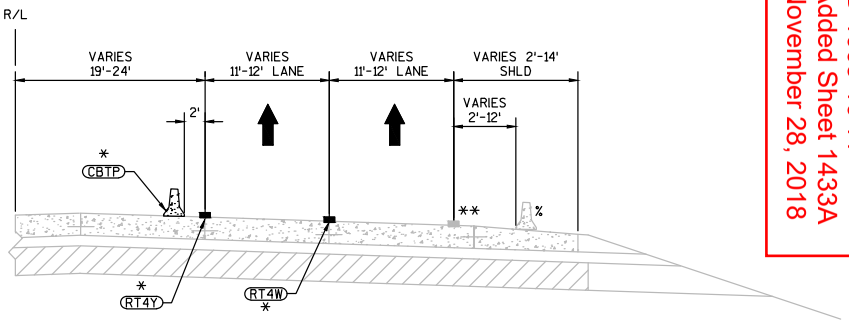
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 5	SHEET 1433	E

Addendum No. 1
ID 1005-10-77
Added Sheet 1433A
November 28, 2018





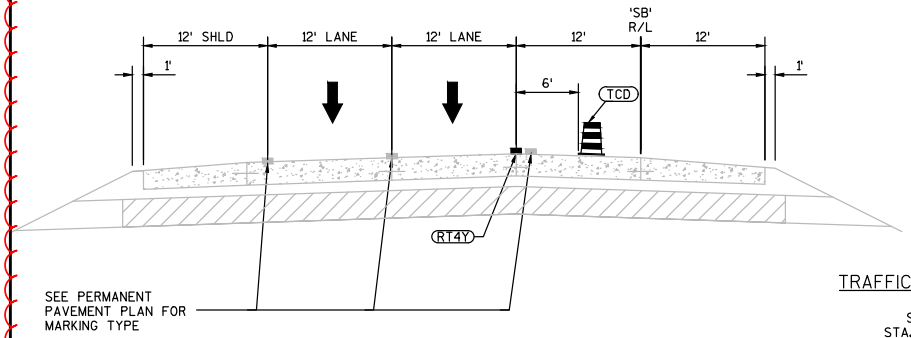
TRAFFIC CONTROL TYPICAL SECTION

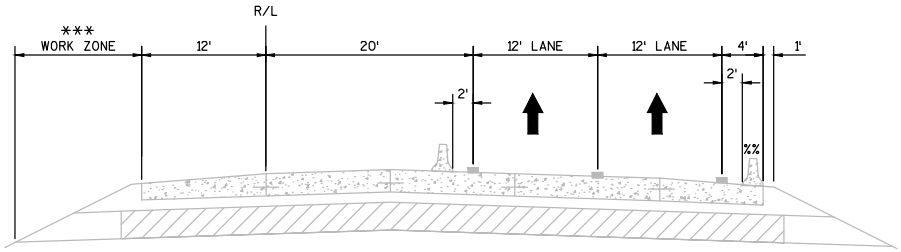
IH 39/90
STA. 1011+53 - STA. 1025+00
STA. 1016+30 'SB' - STA. 1032+00 'SB'

*MATCH EXISTING TRAFFIC CONTROL MARKINGS AND CBTP AT STA. 1020+13

**RT4W FROM STA. 1014+08 - STA. 1015+10 AND FROM STA. 1016+63 - STA. 1020+13

% STA. 1012+53 - STA. 1018+29





TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1025+00 - STA. 1069+50
STA. 1032+00'SB' - STA. 1069+50'SB'

***WORK ZONE FROM STA. 1043+00 - STA. 1069+50

%% STA. 1030+70 - STA 1042+00

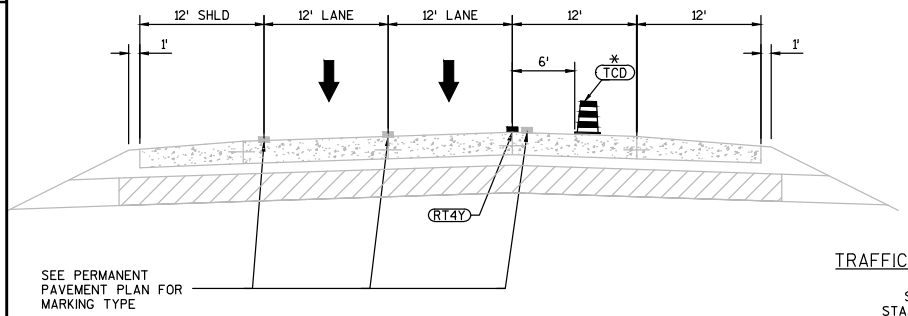
LEGEND

TCD	TRAFFIC CONTROL DRUMS
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 5	SHEET 1433A	E

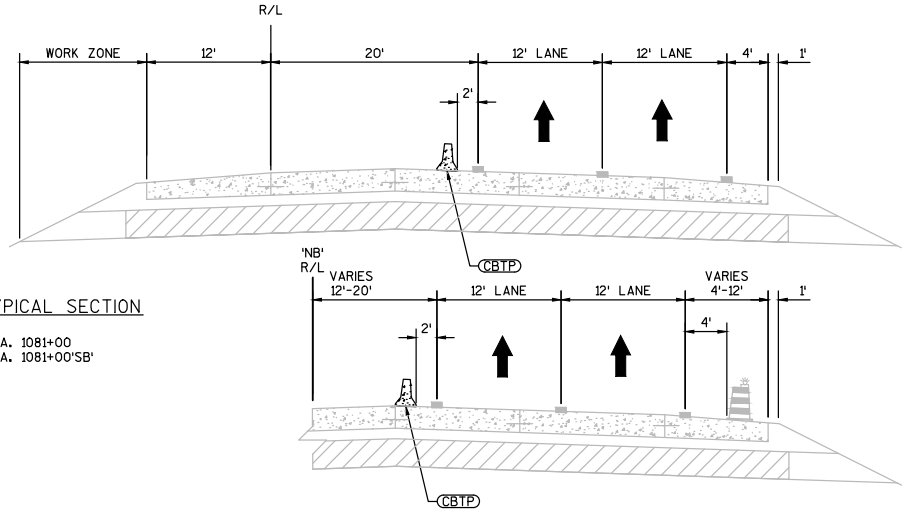
2



*CBTP FROM STA. 1080+00'SB' - STA. 1081'SB'

TRAFFIC CONTROL TYPICAL SECTION

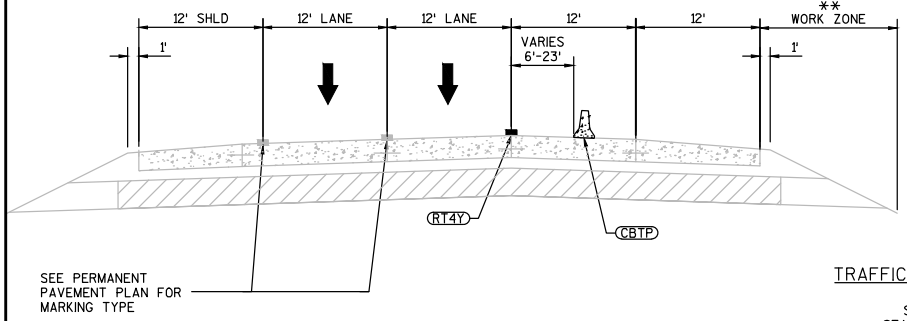
IH 39/90
STA. 1069+50 - STA. 1081+00
STA. 1069+50'SB' - STA. 1081+00'SB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1076+00'NB' - STA. 1081+00'NB'

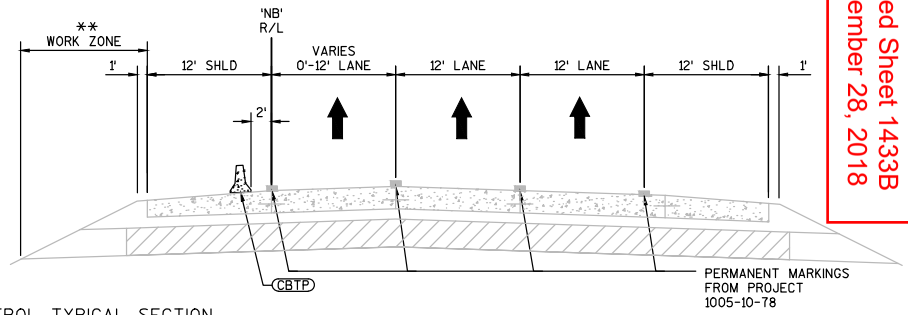
Addendum No. 1
ID 1005-10-77
Added Sheet 1433B
November 28, 2018



**WORK ZONE FROM: STA. 1083+00'SB' - STA. 1099+50'SB'
STA. 1081+00 - STA. 1086+50
STA. 1092+80 - STA. 1094+35

TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1081+00 - STA. 1097+50
STA. 1081+00'SB' - STA. 1106+50'SB'



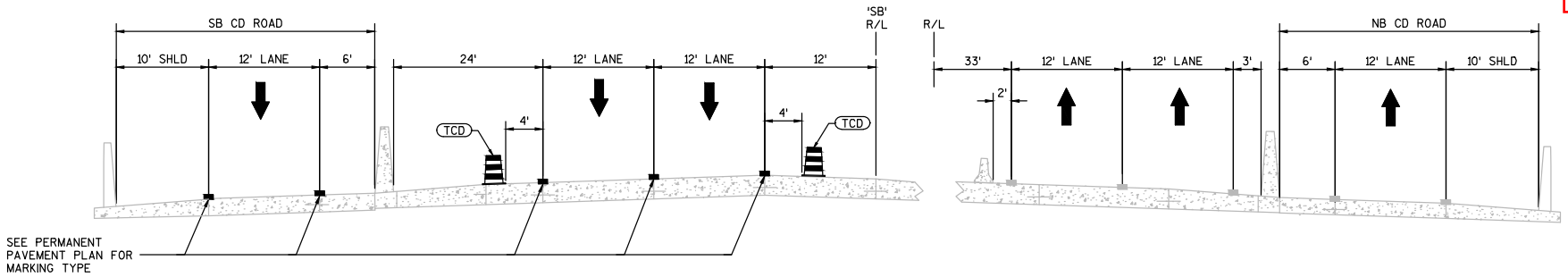
LEGEND

TCD	TRAFFIC CONTROL DRUMS
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 5	SHEET 1433B	E

Addendum No. 1
ID 1005-10-77
Added Sheet 1433C
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90 STRUCTURES OVER:
USH 14

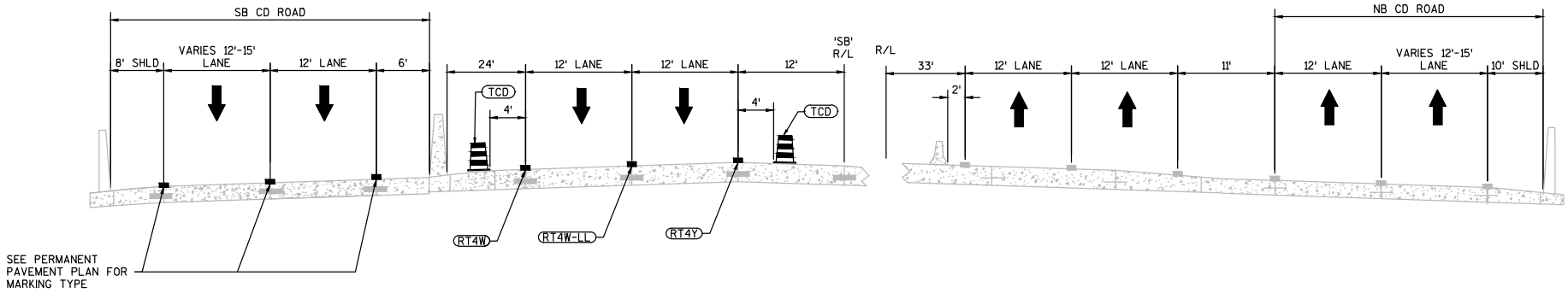
LEGEND

TCD	TRAFFIC CONTROL DRUMS
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

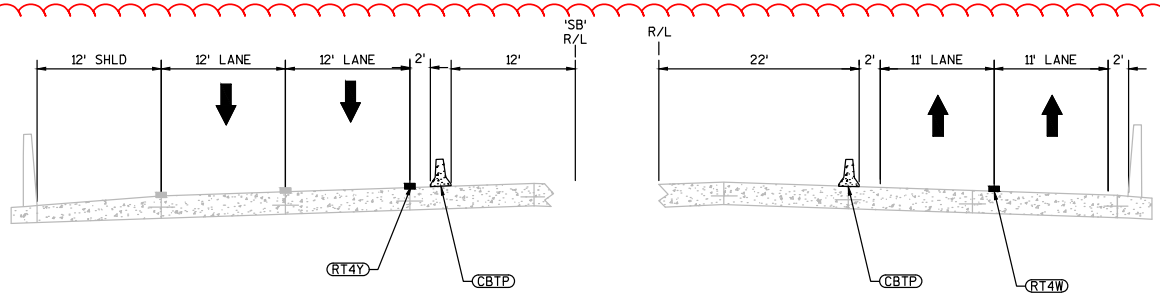
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 5	SHEET 1433C	E

2



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90 STRUCTURES OVER WSOR



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90 STRUCTURES OVER KENNEDY ROAD

Addendum No. 1
ID 1005-10-77
Revised Sheet 1436
November 28, 2018

LEGEND

CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TCD	TRAFFIC CONTROL DRUMS
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 5	SHEET 1436	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC11_S02.DWG PLOT DATE : 11/28/2018 10:12 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:12 FT
LAYOUT NAME - ****

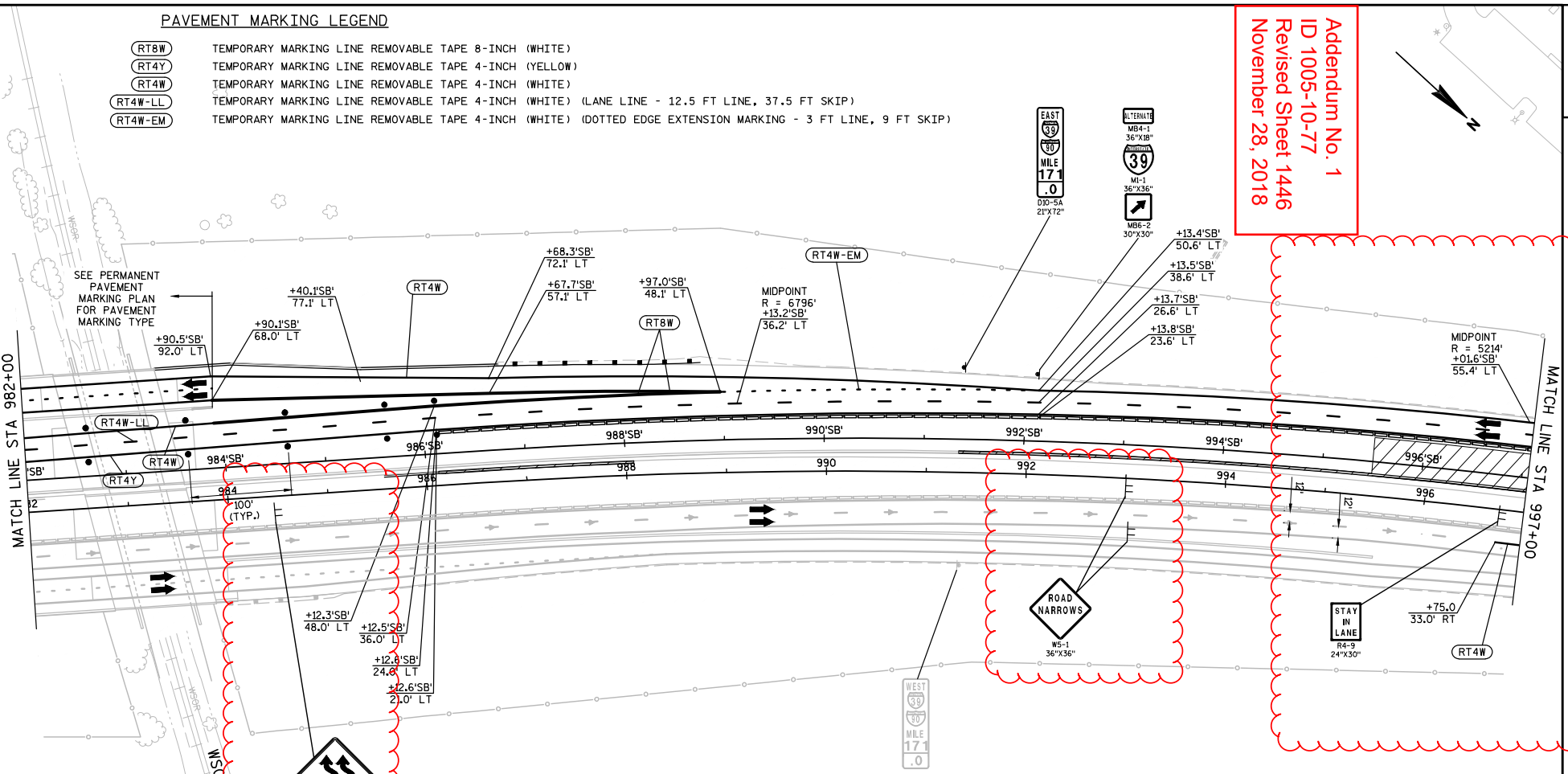
WISDOT/CADDS SHEET 42

2

PAVEMENT MARKING LEGEND

RT8W	TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)
RT4W-EM	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (DOTTED EDGE EXTENSION MARKING - 3 FT LINE, 9 FT SKIP)

Addendum No. 1
ID 1005-10-77
Revised Sheet 1446
November 28, 2018



NOTE:
SEE PERMANENT SIGNING PLANS
FOR SIGNS NOT SHOWN.

TRAFFIC CONTROL LEGEND

TYPE III BARRICADE	CRASH CUSHIONS TEMPORARY
TYPE III BARRICADE WTH ATTACHED SIGN	DIRECTION OF TRAFFIC
TRAFFIC CONTROL DRUM	PORTABLE CHANGEABLE MESSAGE BOARD
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	FLAGS, 16"X16" MIN., ORANGE
FLASHING ARROW BOARD	WORK AREA
SIGN ON TEMPORARY SUPPORT	TEMPORARY PAVEMENT
CONCRETE BARRIER TEMPORARY PRECAST	TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I
SIGN ON PERMANENT SUPPORT(S)	

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 5	SHEET 1446	E

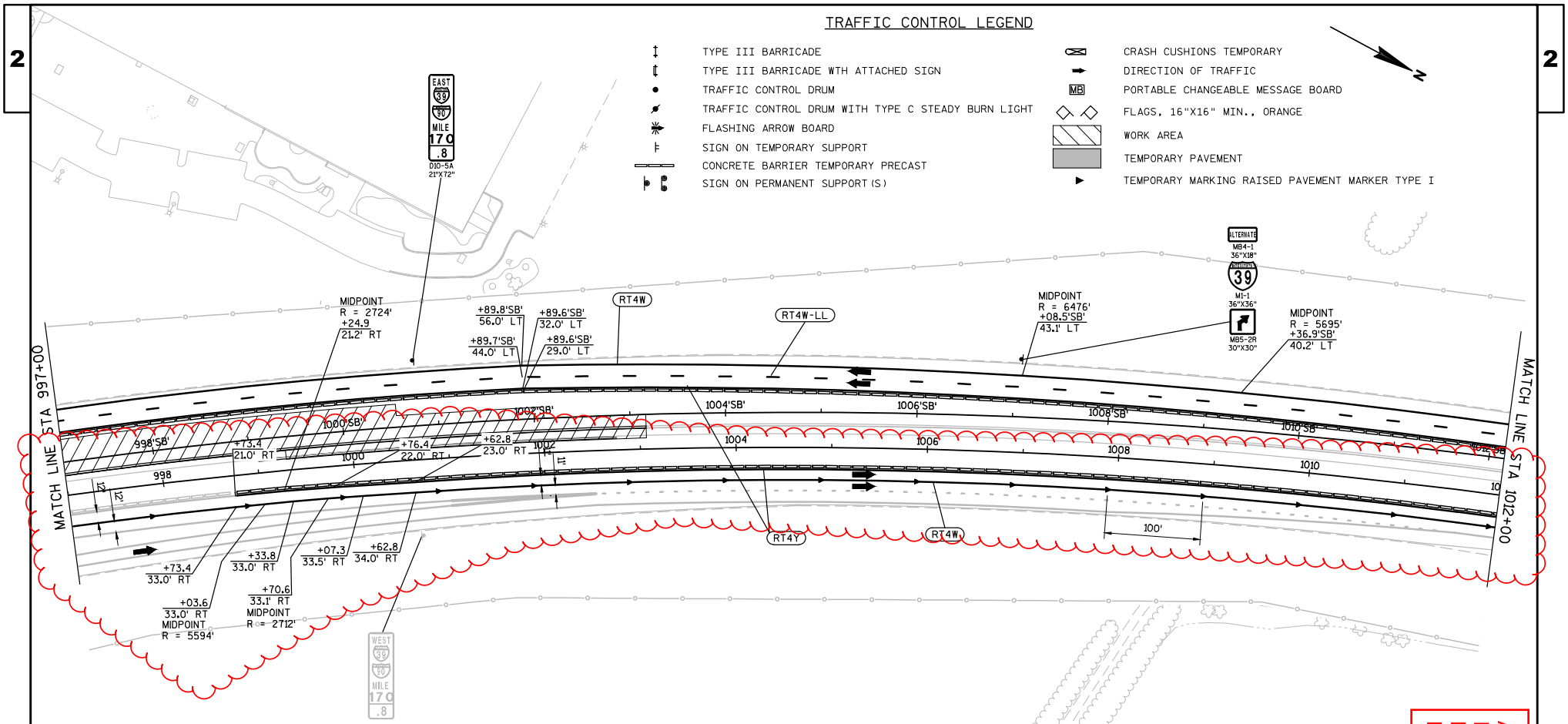
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S5_DETAIL.DWG PLOT DATE : 11/28/2018 10:16 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S5_DETAIL - NB - (9)

WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



PAVEMENT MARKING LEGEND

RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

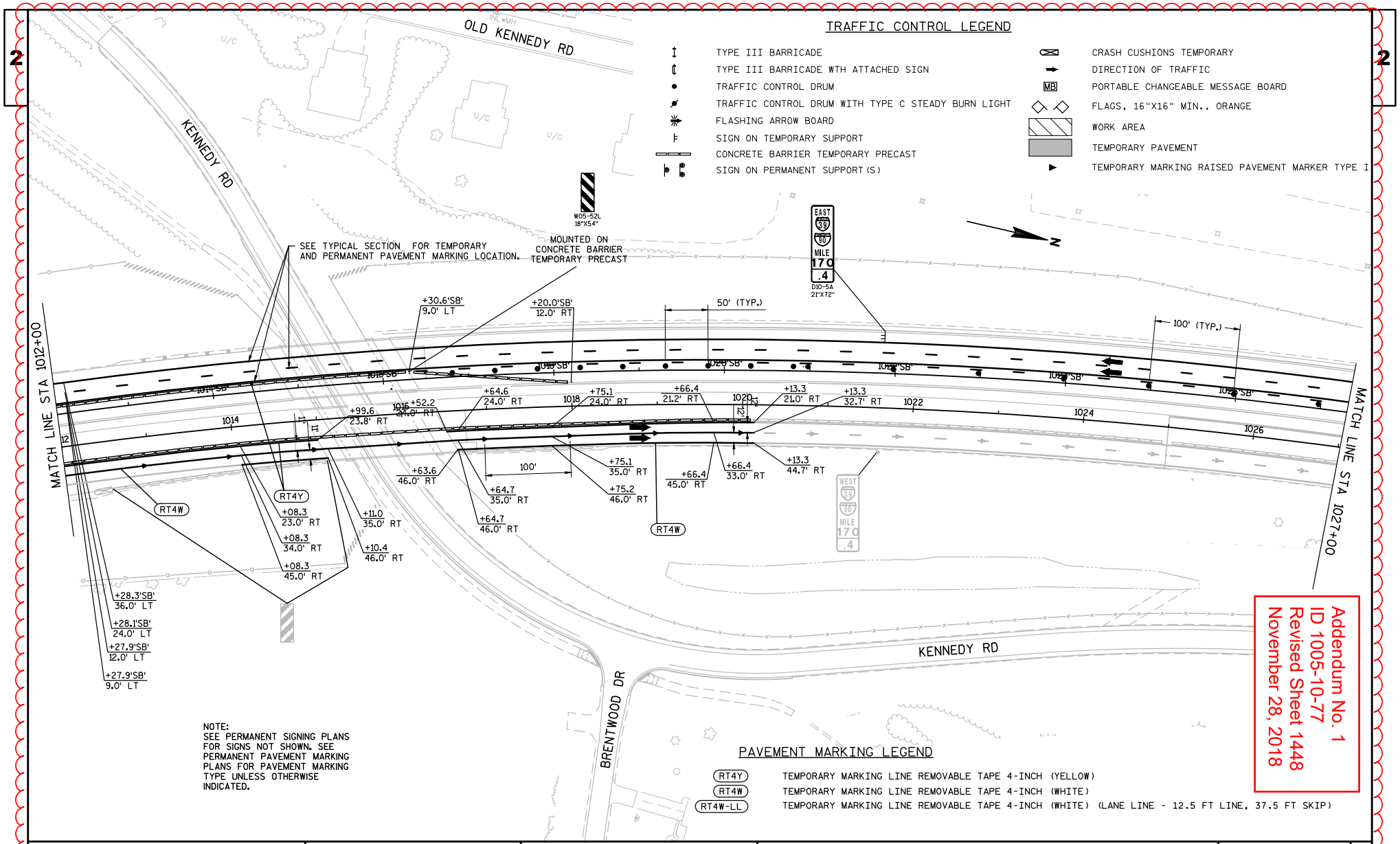
NOTE:
SEE PERMANENT SIGNING PLANS
FOR SIGNS NOT SHOWN.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1447
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 5	SHEET 1447	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S5_DETAIL.DWG PLOT DATE : 11/28/2018 10:16 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S5_DETAIL - NB - (10)

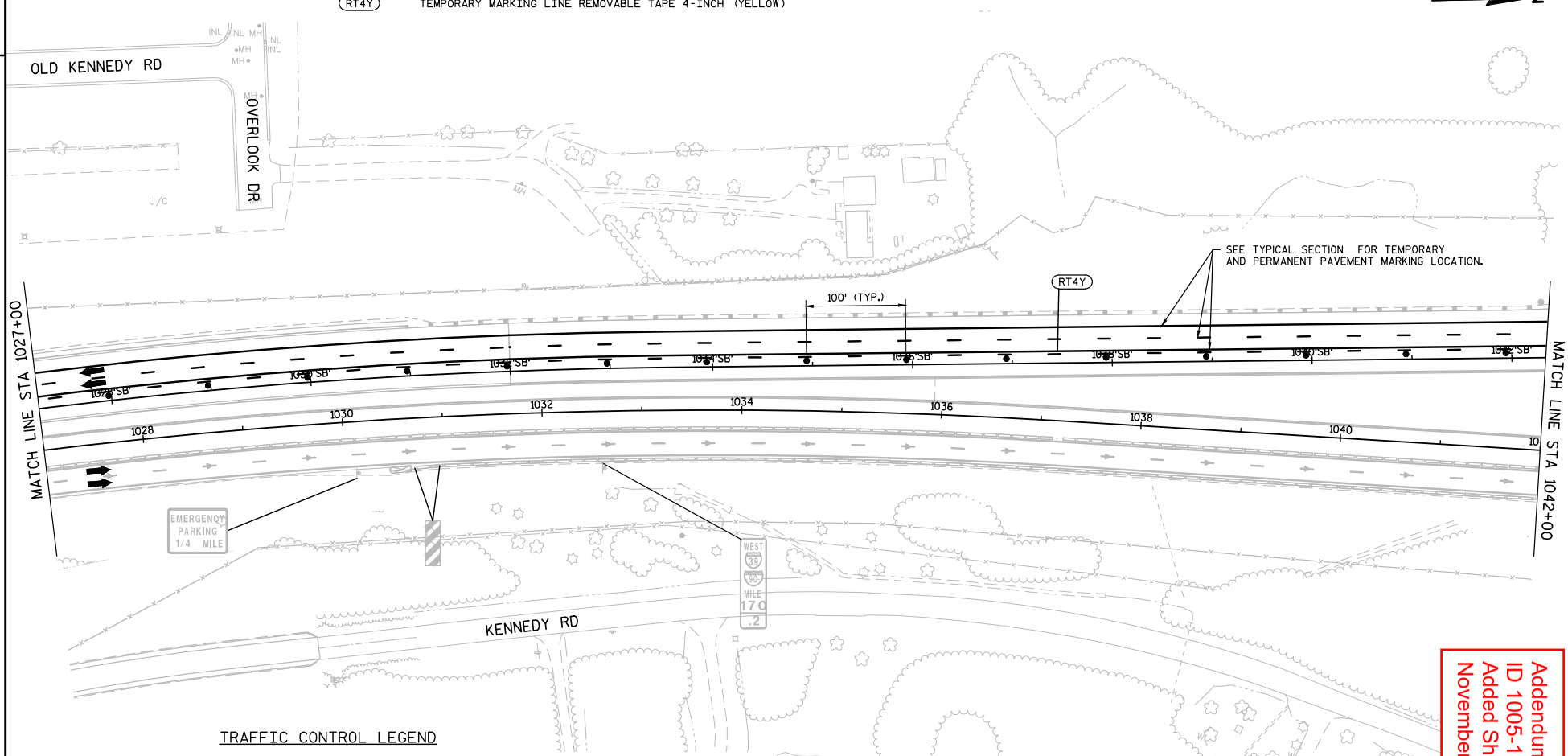
WISDOT/CADDS SHEET 42



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 5	SHEET 1448	E

PAVEMENT MARKING LEGEND

RT4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)



TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

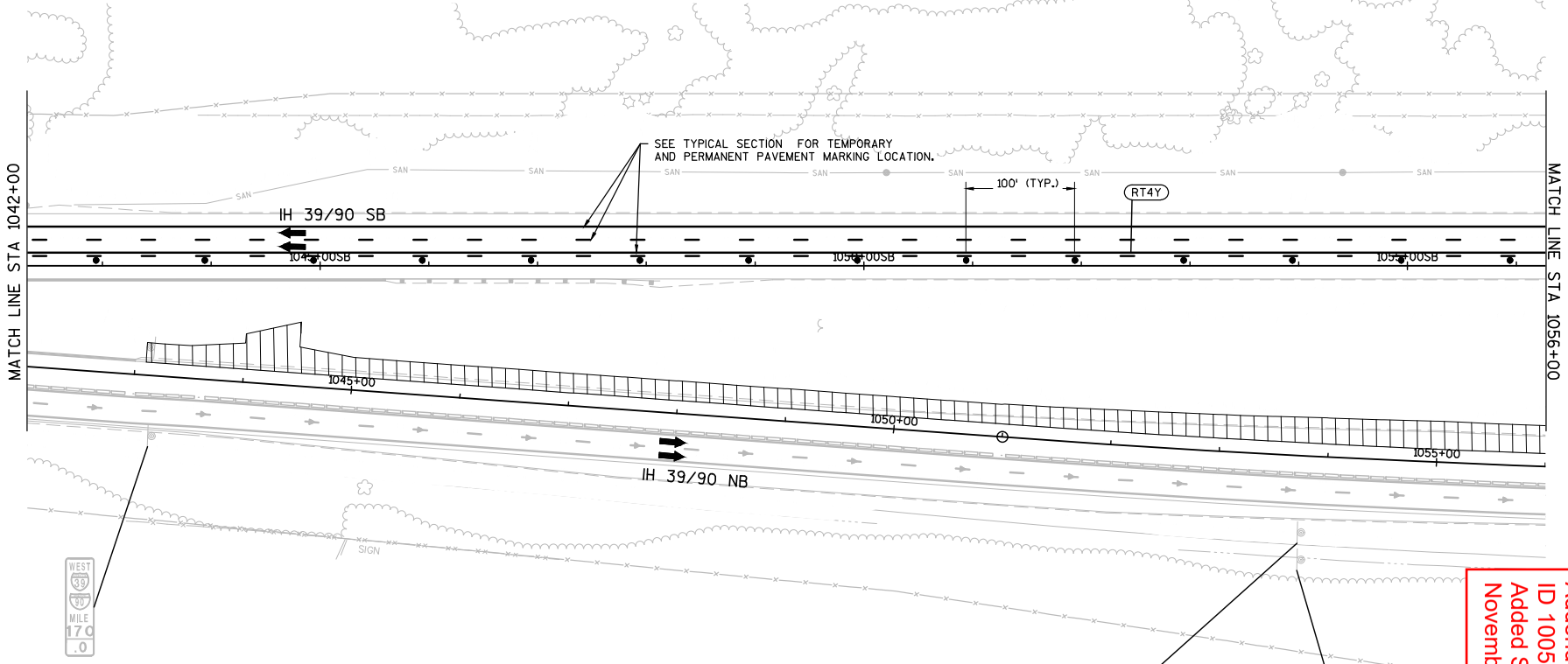
Addendum No. 1
ID 1005-10-77
Added Sheet 1448A
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 5	SHEET 1448A	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

N



PAVEMENT MARKING LEGEND

RT4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

WEST 39 90 MILE 169 .8

EMERGENCY PARKING 2 HR MAX

Addendum No. 1
ID 1005-10-77
Added Sheet 1448B
November 28, 2018

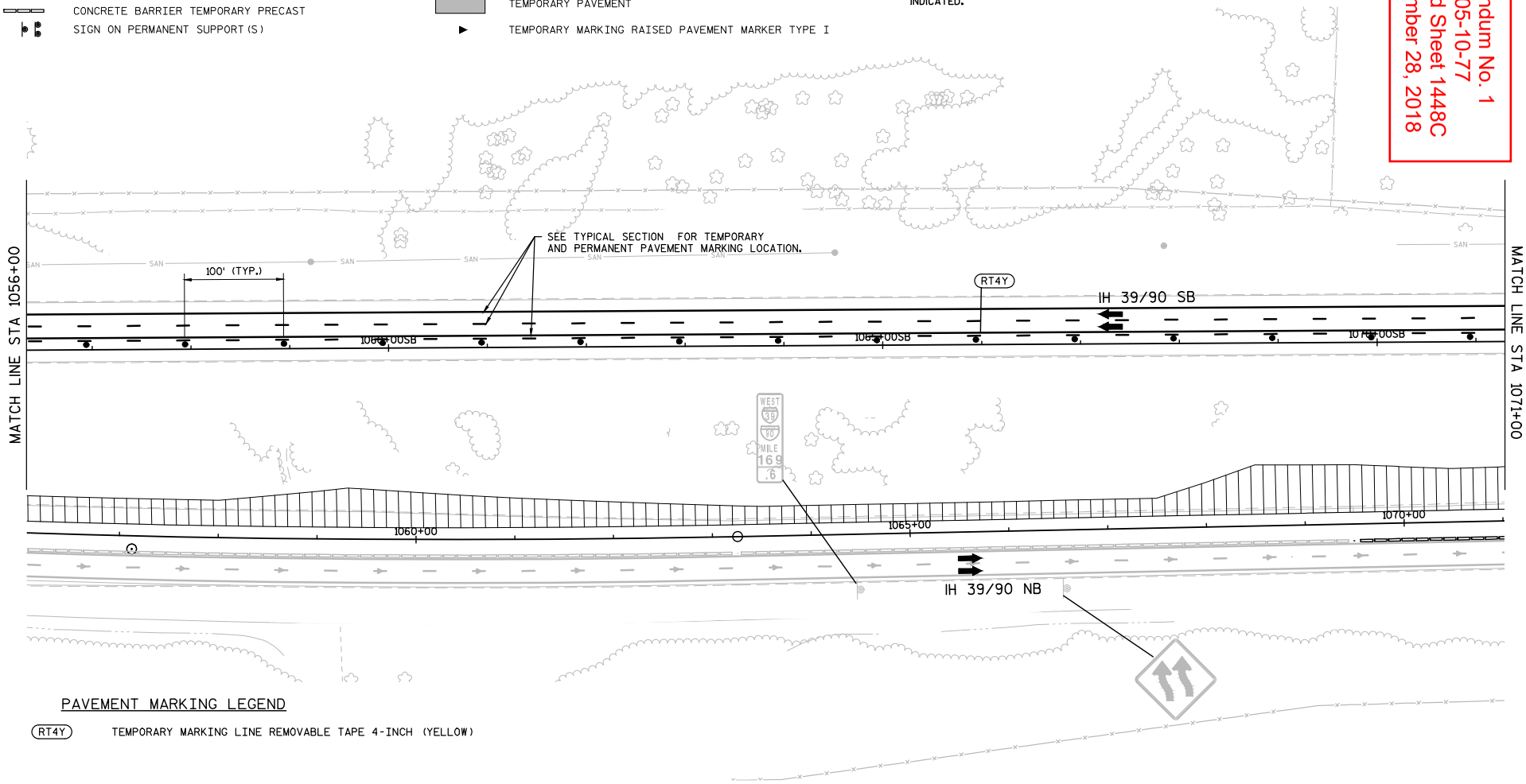
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 5	SHEET 1448B	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

Addendum No. 1
ID 1005-10-77
Added Sheet 1448C
November 28, 2018



PAVEMENT MARKING LEGEND

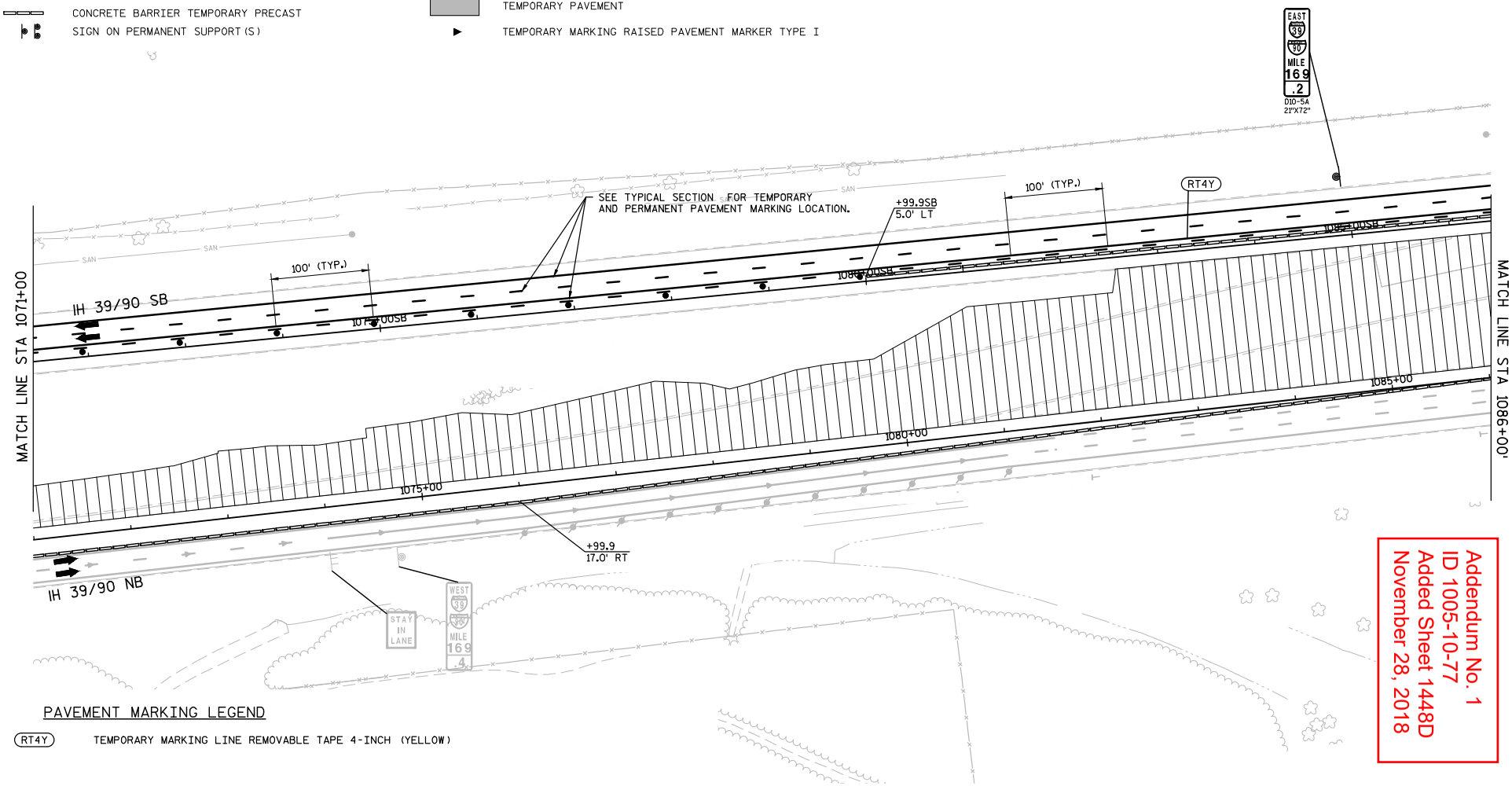
RT4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 5	SHEET 1448C	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.



PAVEMENT MARKING LEGEND

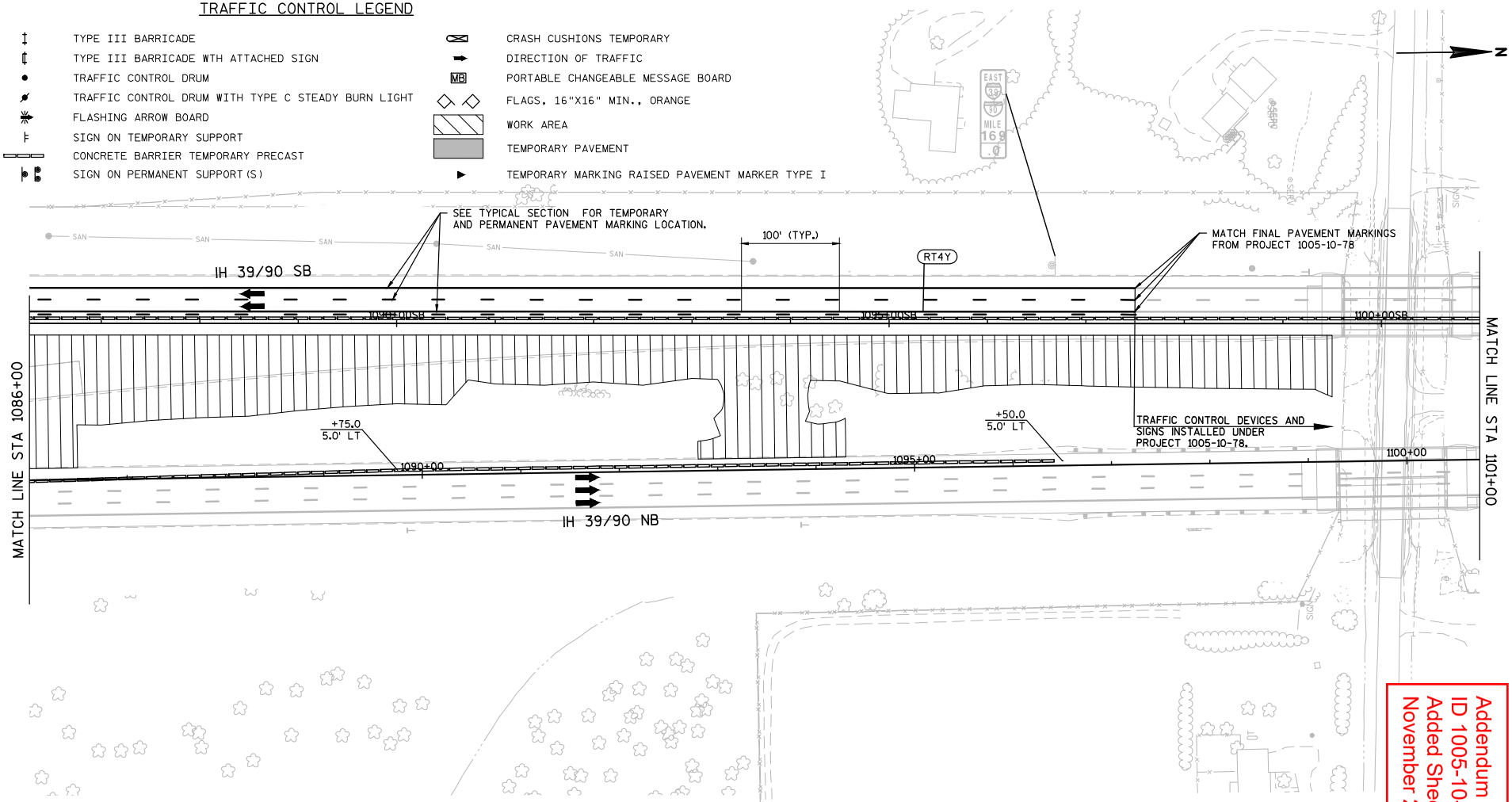
RT4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

Addendum No. 1
ID 1005-10-77
Added Sheet 1448D
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 5	SHEET 1448D	E

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



PAVEMENT MARKING LEGEND

RT4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)

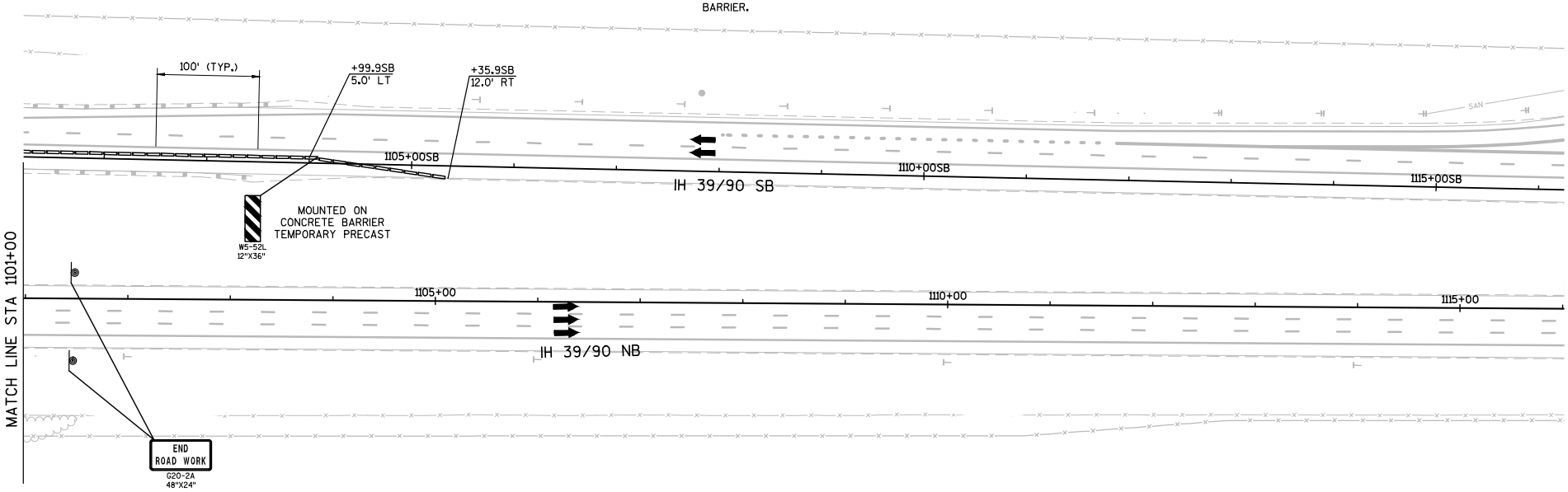
NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

Addendum No. 1
ID 1005-10-77
Added Sheet 1448E
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 5	SHEET 1448E	E

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

PLACE SIGN IN SB MEDIAN AND ON OUTSIDE SHOULDER 3100' AHEAD OF BARRIER.



Addendum No. 1
ID 1005-10-77
Added Sheet 1448F
November 28, 2018

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 5	SHEET 1448F	E

2

STAGE 6

CONCURRENT WITH STAGE 5 - STH 26

MAINTENANCE OF TRAFFIC

IH 39/90

- IH 39/90 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT NIGHTTIME SINGLE LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- NB IH 39/90 TRAFFIC WILL USE THE MEDIAN SIDE LANES OF THE NB PAVEMENT OF IH 39/90.
- SB IH 39/90 TRAFFIC WILL REMAIN SHIFTED TO THE COMPLETED SB IH 39/90 PAVEMENT.

USH 14 RAMPS

- ALL RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.

STH 26 RAMPS

- ALL RAMPS WILL BE OPEN TO ALL LANES AT ALL TIMES.

USH 14

- USH 14 WILL BE OPEN TO ALL LANES AT ALL TIMES EXCEPT DURING NIGHTTIME CLOSURES AND OFF PEAK LANE CLOSURES AS SPECIFIED IN THE CONTRACT SPECIAL PROVISIONS.
- USH 14 TRAFFIC WILL REMAIN ON EXISTING LANES.

STH 26

- SEE STH 26 TRAFFIC CONTROL PLANS FOR DETAILS.

KENNEDY ROAD AND RYAN ROAD

- KENNEDY ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.
- RYAN ROAD WILL BE OPEN TO ALL LANES AT ALL TIMES.

CONSTRUCTION TO BE COMPLETED

IH 39/90

- POLYMER OVERLAY OF THE MAINLINE OUTSIDE HALF OF STRUCTURES B-53-339, B-53-341, B-53-343, B-53-345, AND B-53-347
- NB MGS GUARDRAIL AT KENNEDY ROAD BRIDGE
- NB MGS GUARDRAIL AND GRADING NORTH OF KENNEDY ROAD

USH 14 RAMPS

- NONE

STH 26 RAMPS

- NONE

USH 14

- NONE

STH 26

- NONE

KENNEDY ROAD

- NONE

RYAN ROAD

- NONE

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1450A
November 28, 2018

GENERAL NOTES

- ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. REMOVING/REPLACING OR COVERING/UNCOVERING SIGNS WILL BE INCIDENTAL TO OTHER TRAFFIC CONTROL ITEMS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 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 1500 FEET IN FRONT OF THE DRUMS.
- IF SIGNS ARE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS WITH A MINIMUM 5' MOUNTING HEIGHT.
- ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO: PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, TRAFFIC ENGINEERING, OPERATIONS AND SAFETY MANUAL, AND OTHER CONTRACT DOCUMENTS.
- THE TURNING OF TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.
- REMOVE PAVEMENT MARKINGS NOT APPROPRIATE FOR THE TRAVEL PATH IN USE.
- ALL COVERINGS OF SIGNS SHALL BE AN APPROVED BLANK ORANGE MATERIAL.

GENERAL NOTES CONTINUED

- MOVE, REMOVE OR INSTALL ROUTE MARKER SIGNS AS REQUIRED TO MAINTAIN NECESSARY ROUTE GUIDANCE THROUGHOUT CONSTRUCTION. REFER TO EXISTING SIGN REMOVAL PLANS FOR EXISTING ROUTE GUIDANCE.
- THE LANE CLOSURE SERIES SHALL BE INSTALLED AS A COMPLETE UNIT WHICH INCLUDES ALL ADVANCE WARNING SIGNING, DRUMS, AND ARROW BOARDS.
- CONTRACTORS EQUIPMENT AND MATERIAL STOCKPILES MAY NOT BE STORED WITHIN THE CONSTRUCTION CLEAR ZONE OF IH 39/90 OR IH 39/90 RAMPS WHILE THE CONTRACTOR IS NOT WORKING, UNLESS THEY ARE PROTECTED BY CONCRETE BARRIER TEMPORARY PRECAST. CONSTRUCTION CLEAR ZONE = 20 FEET MEASURED FROM THE EDGE OF LANE LINE.
- CONCRETE BARRIER TEMPORARY PRECAST SHALL BE ANCHORED IF:
  THE DISTANCE TO A 2 FOOT OR GREATER DROP-OFF THAT IS STEEPER THAN 3H:1V, FOR EXAMPLE THE EDGE OF A BRIDGE DECK OR A DROP-OFF AT THE EDGE OF PAVEMENT, IS LESS THAN 4 FEET FROM THE SIDE OF THE BARRIER CLOSEST TO THE DROP-OFF AND THE POSTED SPEED IS 45 MPH OR GREATER.
- REFER TO THE FOLLOWING TRAFFIC CONTROL DETAILS, AS WELL AS STANDARD DETAIL DRAWINGS FOR TRAFFIC CONTROL DEVICES AS NECESSARY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER:

  -BARRICADES AND SIGNS FOR MAINLINE CLOSURE
  -TRAFFIC CONTROL, RAMP WITHIN LANE CLOSURE
  -TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
  -MOVING PAVEMENT MARKING OPERATION - MULTI-LANE DIVIDED ROADWAY
  -TRAFFIC CONTROL, LANE CLOSURE
  -TEMPORARY TRAFFIC CONTROL, SIGN MOUNTING

2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

PROJECT ID 1005-10-76 | PROJECT ID 1005-10-77

N

PONTIAC DR

USH 14

MATCHLINE STA. 938+00

850 860 870 880 890 892 900 910 920 930

BEGIN TRAFFIC CONTROL
STA. 851+75.00

DEERFIELD DR

STH 26

MORSE ST

RYAN RD

WSOR

940 950 960 970 980 990 1000 1010 1020 1030

N

KENNEDY RD

MATCHLINE STA. 938+00

MATCHLINE STA. 1030+00

KETTERING ST

Addendum No. 1
ID 1005-10-77
Added Sheet 1450B
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 6	SHEET 1450B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-76_TC10_OVERVIEW_STAGE6.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

WISDOT/CADDS SHEET 44

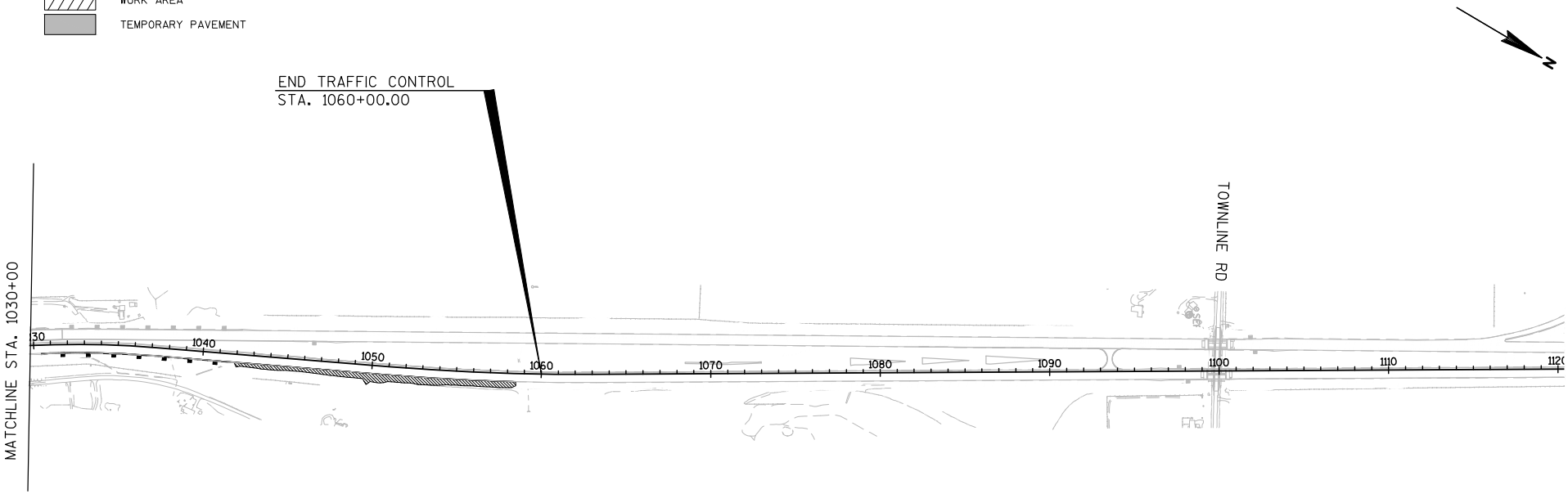
2

LEGEND

WORK AREA

TEMPORARY PAVEMENT

END TRAFFIC CONTROL
STA. 1060+00.00



Addendum No. 1
ID 1005-10-77
Added Sheet 1450C
November 28, 2018

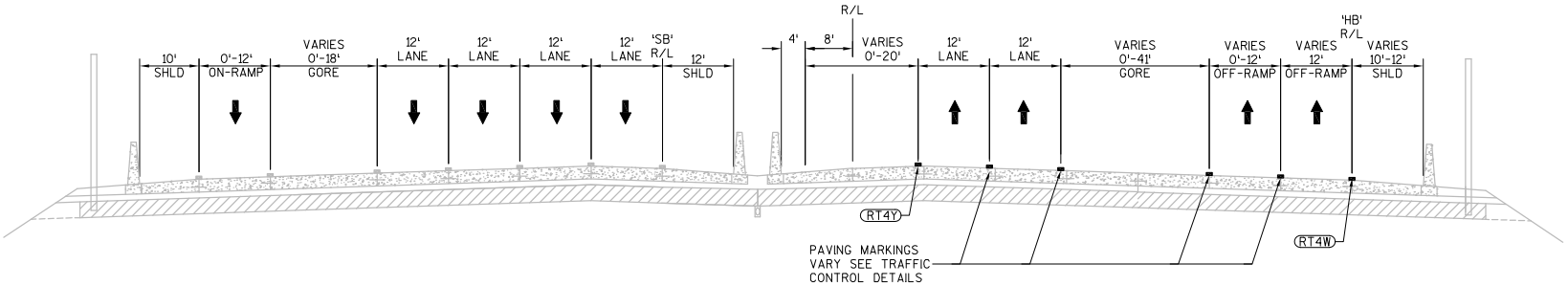
2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TRAFFIC CONTROL OVERVIEW - STAGE 6	SHEET 1450C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1450C_TC10_OVERVIEW.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:600 FT
LAYOUT NAME - ****

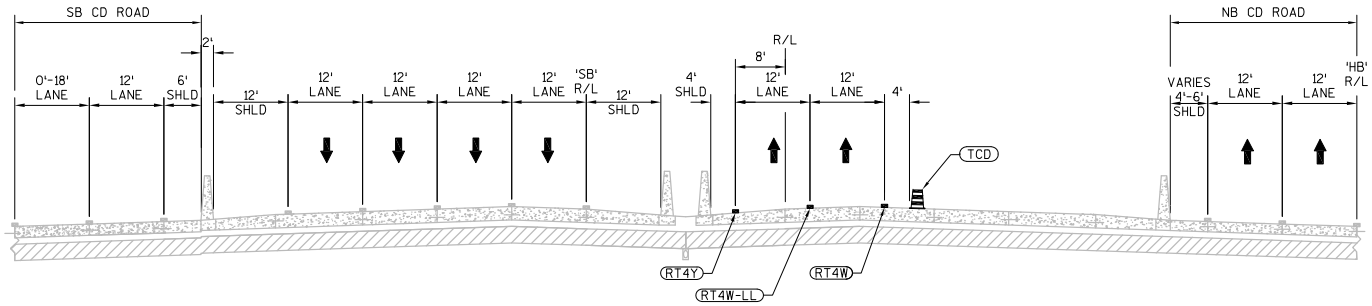
WISDOT/CADDS SHEET 44

2



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 852+75 - STA. 903+68
STA. 852+75'SB' - STA. 893+41'SB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 903+68 - STA. 906+93
STA. 893+41'SB' - STA. 913+01'SB'

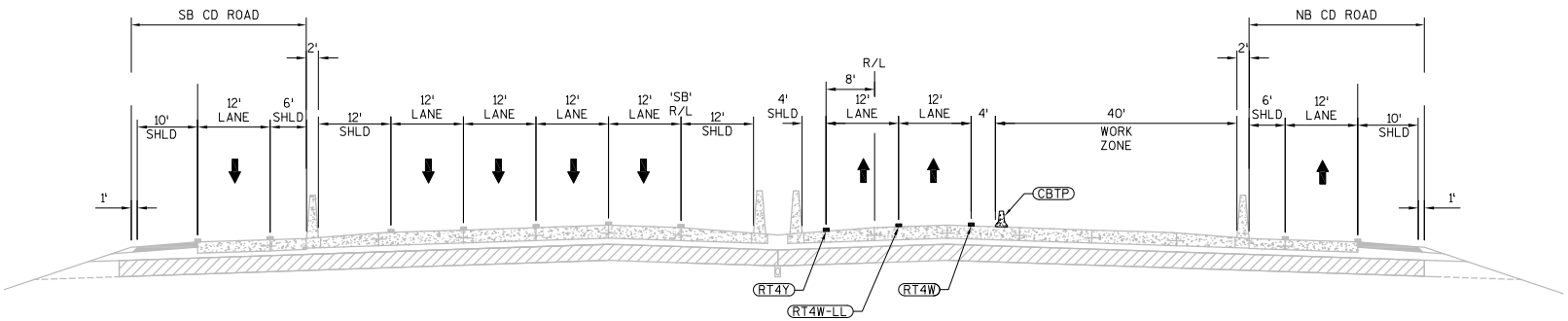
Addendum No. 1
ID 1005-10-77
Added Sheet 1450D
November 28, 2018

LEGEND

TCD	TRAFFIC CONTROL DRUMS
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

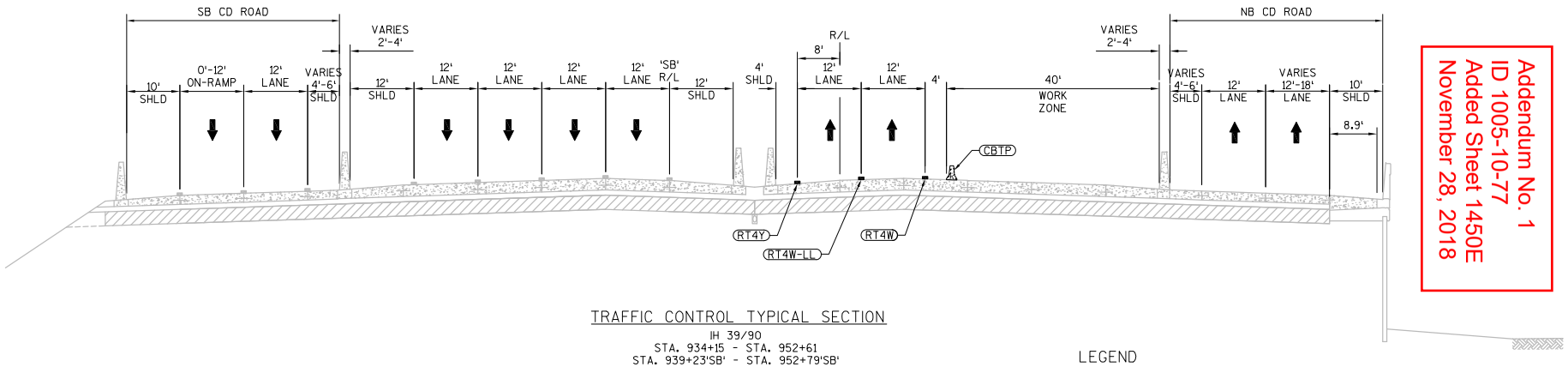
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

2



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 906+93 - STA. 934+15
STA. 913+01'SB' - STA. 939+23'SB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 934+15 - STA. 952+61
STA. 939+23'SB' - STA. 952+79'SB'

Addendum No. 1
ID 1005-10-77
Added Sheet 1450E
November 28, 2018

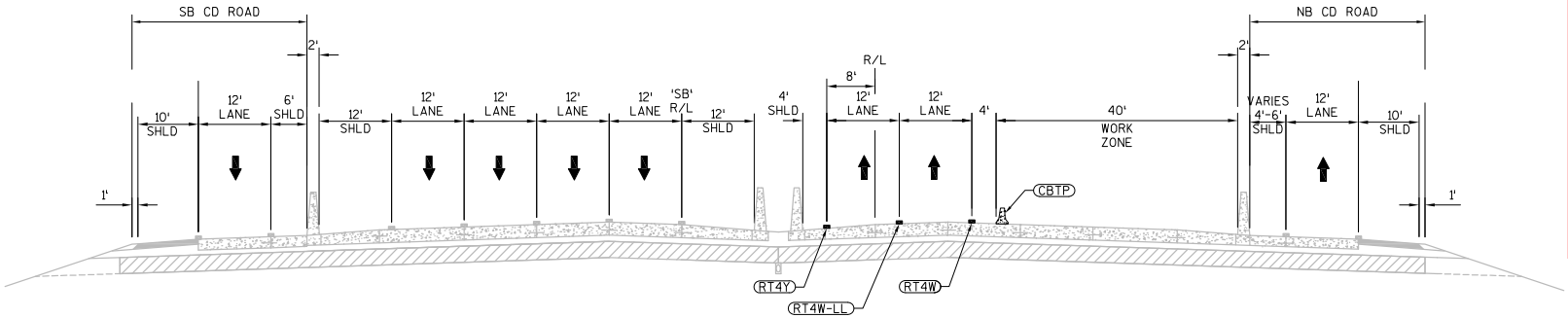
LEGEND

CBTP	CONCRETE BARRIER TEMPORARY PRECAST
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

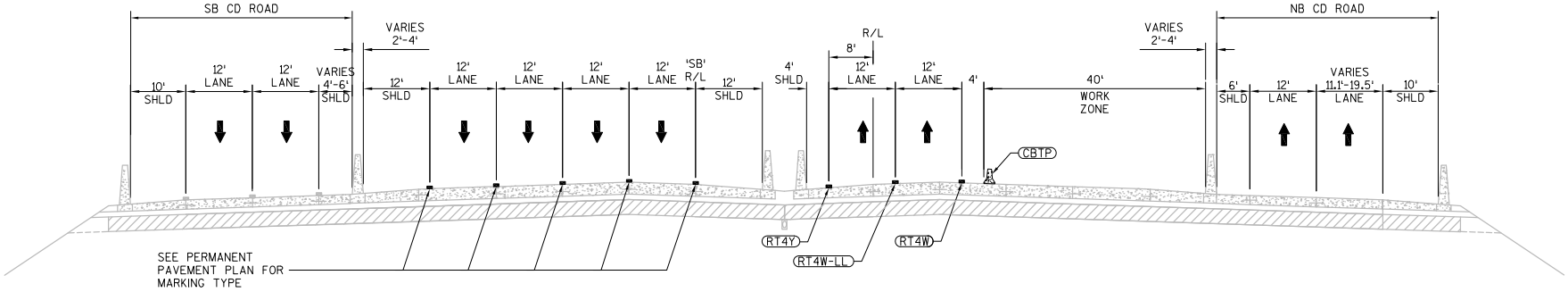
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TYPICAL SECTIONS - IH 39/90	SHEET 1450E _____	E

Addendum No. 1
ID 1005-10-77
Added Sheet 1450F
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 952+61 - STA. 974+96
STA. 952+79'SB' - STA. 977+33'SB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 974+96 - STA. 985+00
STA. 977+33'SB' - STA. 983+90'SB'

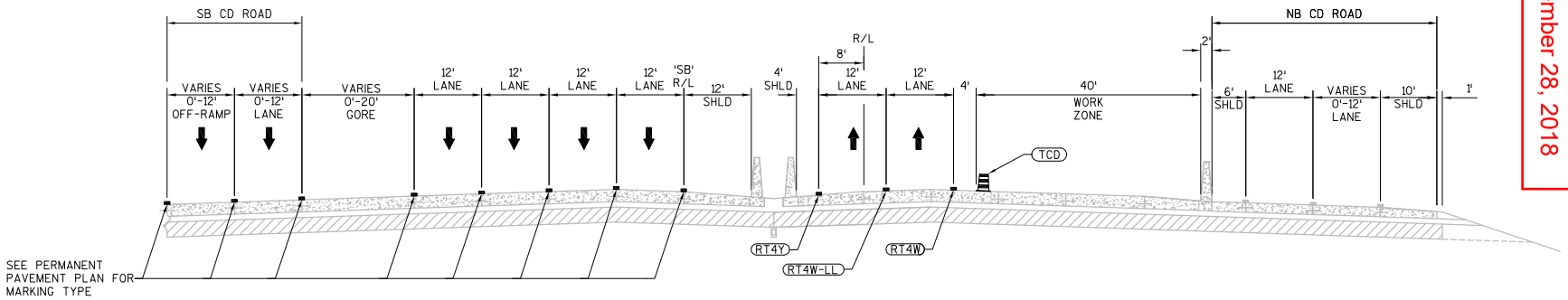
LEGEND

CBTP	CONCRETE BARRIER TEMPORARY PRECAST
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

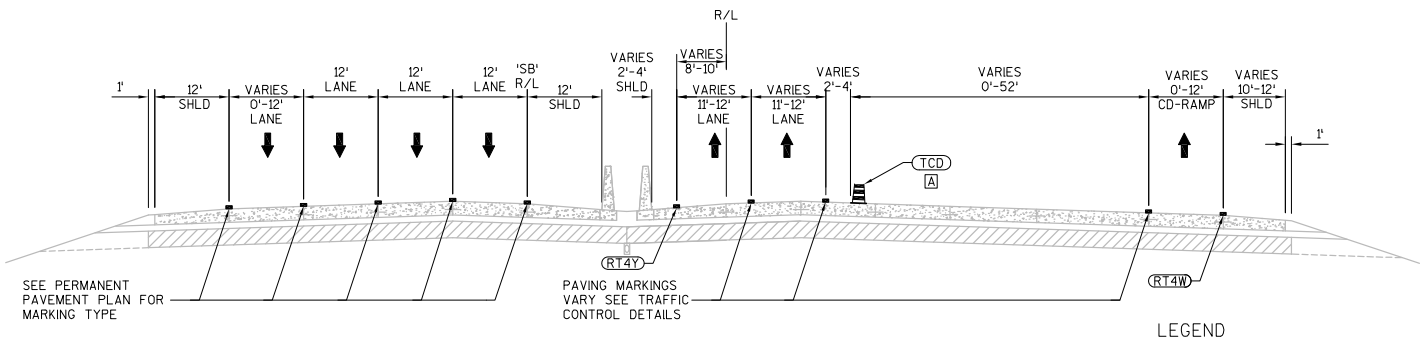
2

Addendum No. 1
ID 1005-10-77
Added Sheet 1450G
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 985+00 - STA. 995+53
STA. 983+90'SB' - STA. 1003+94'SB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 995+53 - STA. 1015+11
STA. 1003+94'SB' - STA. 1014+65'SB'

LEGEND

TCD	TRAFFIC CONTROL DRUM
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5' LINE, 37.5' SKIP)

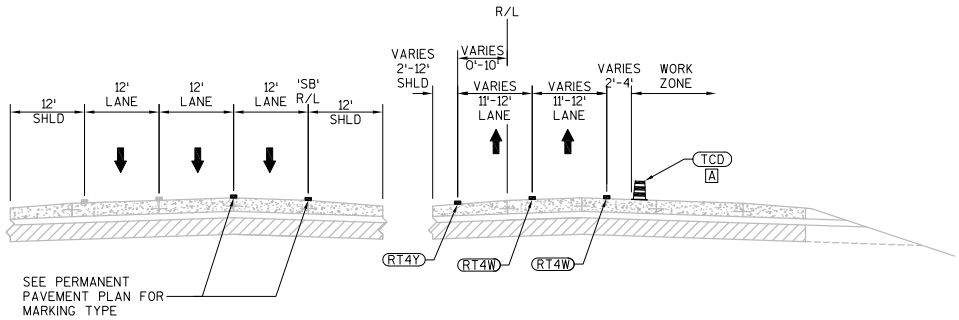
NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

A CONCRETE BARRIER TEMPORARY PRECAST
STA. 1010+22 - STA. 1015+11

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN: TYPICAL SECTIONS - IH 39/90	SHEET 1450G _____	E

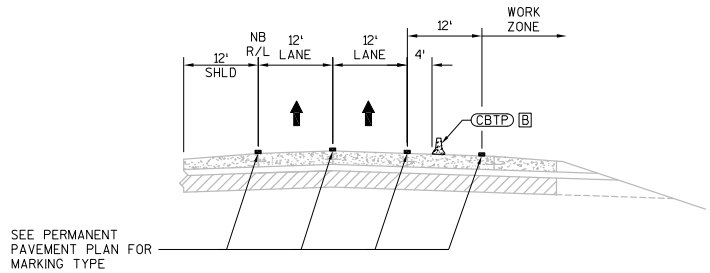
2

Addendum No. 1
ID 1005-10-77
Added Sheet 1450H
November 28, 2018



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1015+11 - STA. 1025+00
STA. 1014+65'SB' - STA. 1032+00'SB'



TRAFFIC CONTROL TYPICAL SECTION

IH 39/90
STA. 1025+00 - STA. 1062+00

LEGEND

TCD	TRAFFIC CONTROL DRUM
CBTP	CONCRETE BARRIER TEMPORARY PRECAST
TCD	TRAFFIC CONTROL DRUMS
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	NOTE: SEE TRAFFIC CONTROL DETAILS FOR ALL LOCATIONS OF TRAFFIC CONTROL DEVICES.

A CONCRETE BARRIER TEMPORARY PRECAST
STA. 1015+11 - STA. 1016+65

B TRAFFIC CONTROL DRUM
STA. 1025+00 - STA. 1030+00

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1450I
November 28, 2018

ONTARIO DR

STAY IN LANE
R4-9
24"X30"

+75.1
24.0' RT

848'SB' 850'SB' 852'SB' 854'SB' 856'SB' 858'SB' 860'SB' 862

848 850 852 854 856 858 860

50' (TYP.)

100' (TYP.)

+75.2
12.0' RT

+75.0
25.0' RT

+75.0
36.0' RT

+75.2
8.0' LT

+75.2
16.0' RT

+75.2
4.0' RT

W1-6
48"X24"

MATCH FINAL PAVEMENT MARKINGS FROM PROJECT 1005-10-76

TRAFFIC CONTROL DEVICES AND SIGNS INSTALLED UNDER PROJECT 1005-10-76.

MATCH LINE STA 862+00

SOMERSET CT

E MILWAUKEE ST

POOL

TRAFFIC CONTROL LEGEND

ROAD WORK 1 MILE

ROAD WORK 1/2 MILE

ADVANCED WARNING SIGNS IN MEDIAN AND OUTSIDE SHOULDER TO REMAIN IN PLACE AT DISTANCE STATED ON SIGN MEASURED FROM THE SHIFTING WARNING SIGN.

PLACE AT STA. 839+25 IN MEDIAN AND OUTSIDE NB SHOULDER

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450I	E

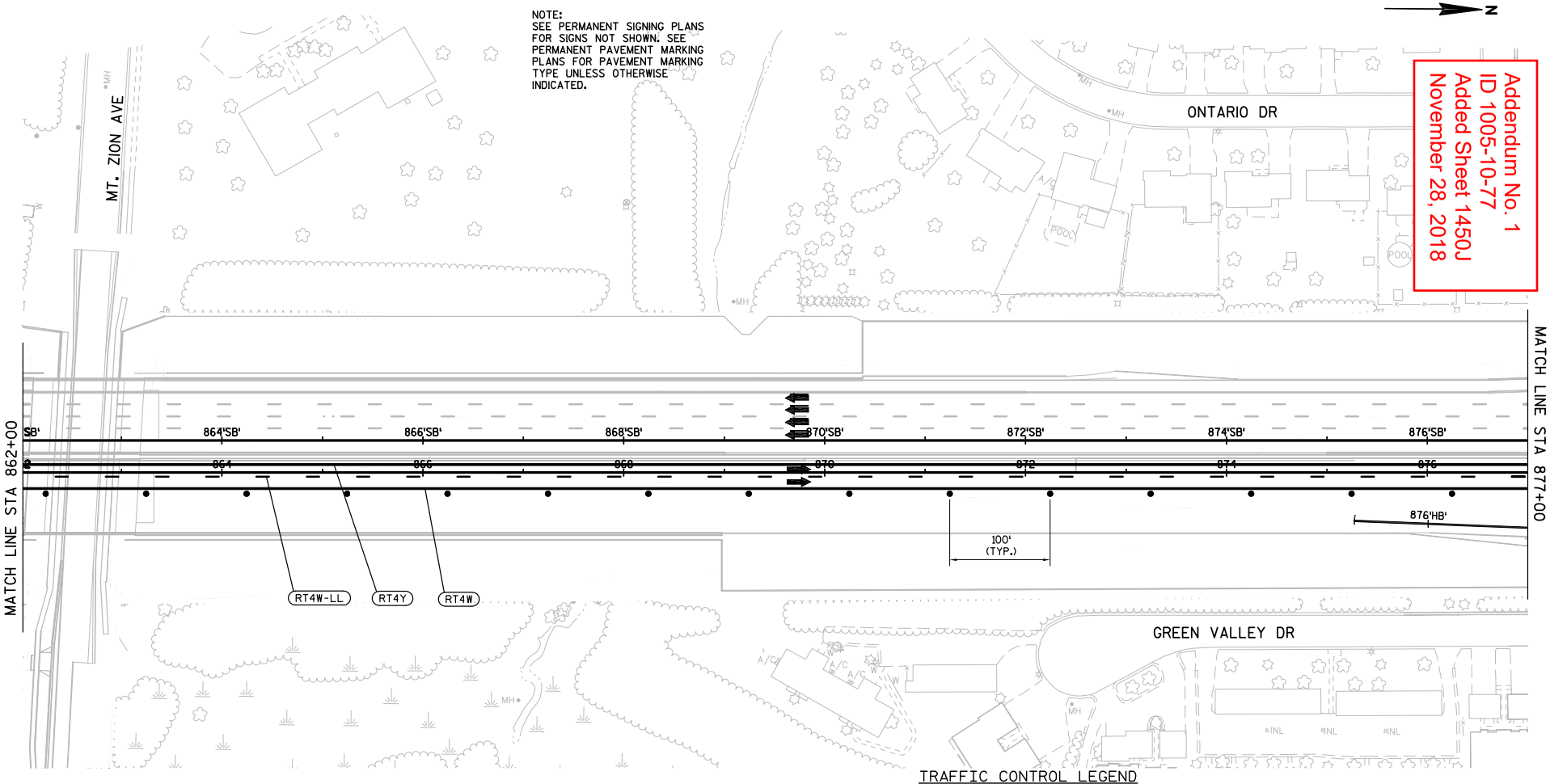
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_SS_DETAIL.DWG PLOT DATE : 11/28/2018 8:19 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME : 025102_TC_SS_DETAIL - NB - (1)

WISDOT/CADDS SHEET 42

2

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

Addendum No. 1
ID 1005-10-77
Added Sheet 1450J
November 28, 2018



PAVEMENT MARKING LEGEND

RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

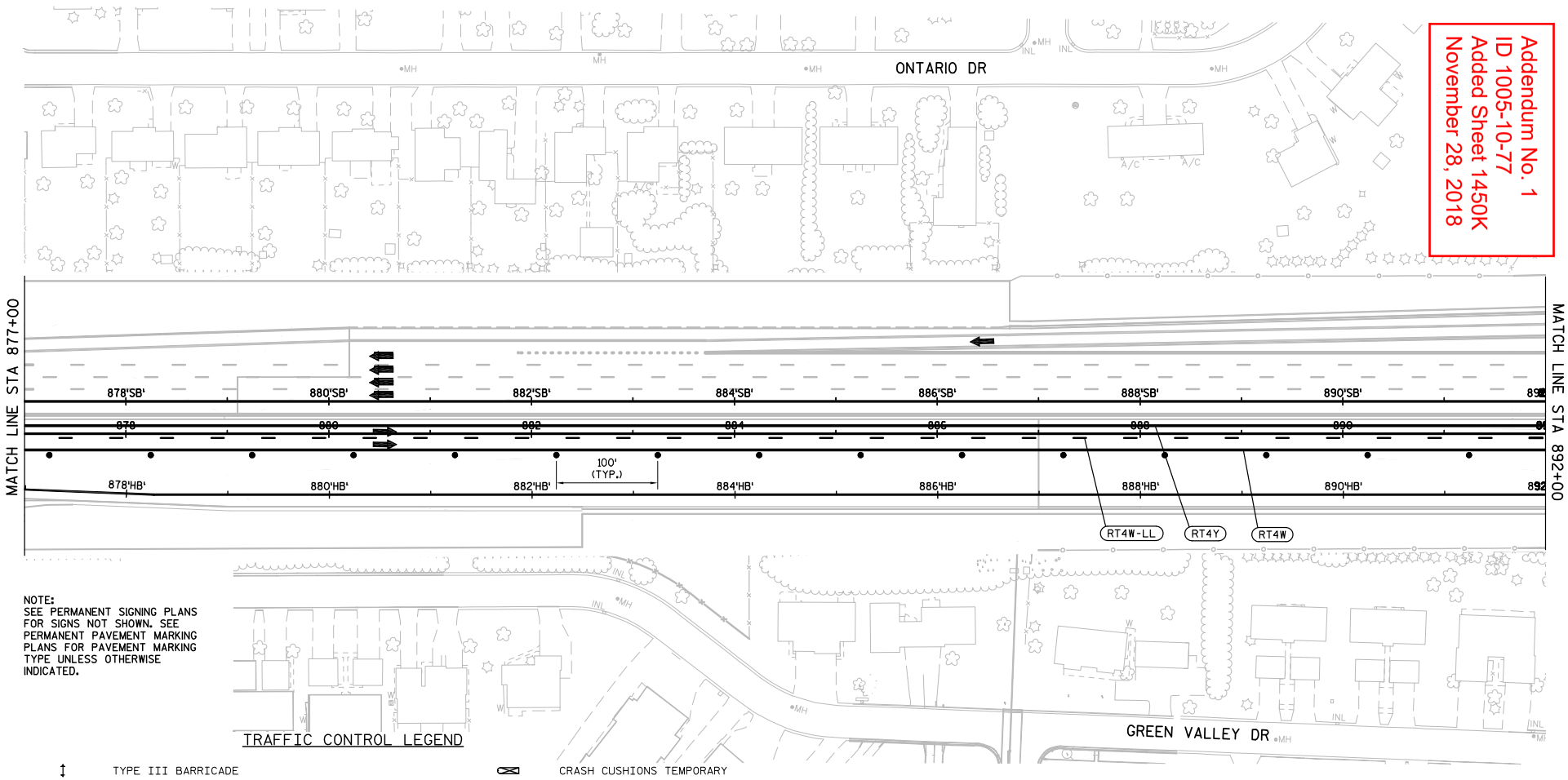
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450J	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S5_DETAIL - NB - (1).DWG PLOT DATE : 11/28/2018 9:19 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME : 025102_TC_S5_DETAIL - NB - (1)

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1450K
November 28, 2018



NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PAVEMENT MARKING LEGEND

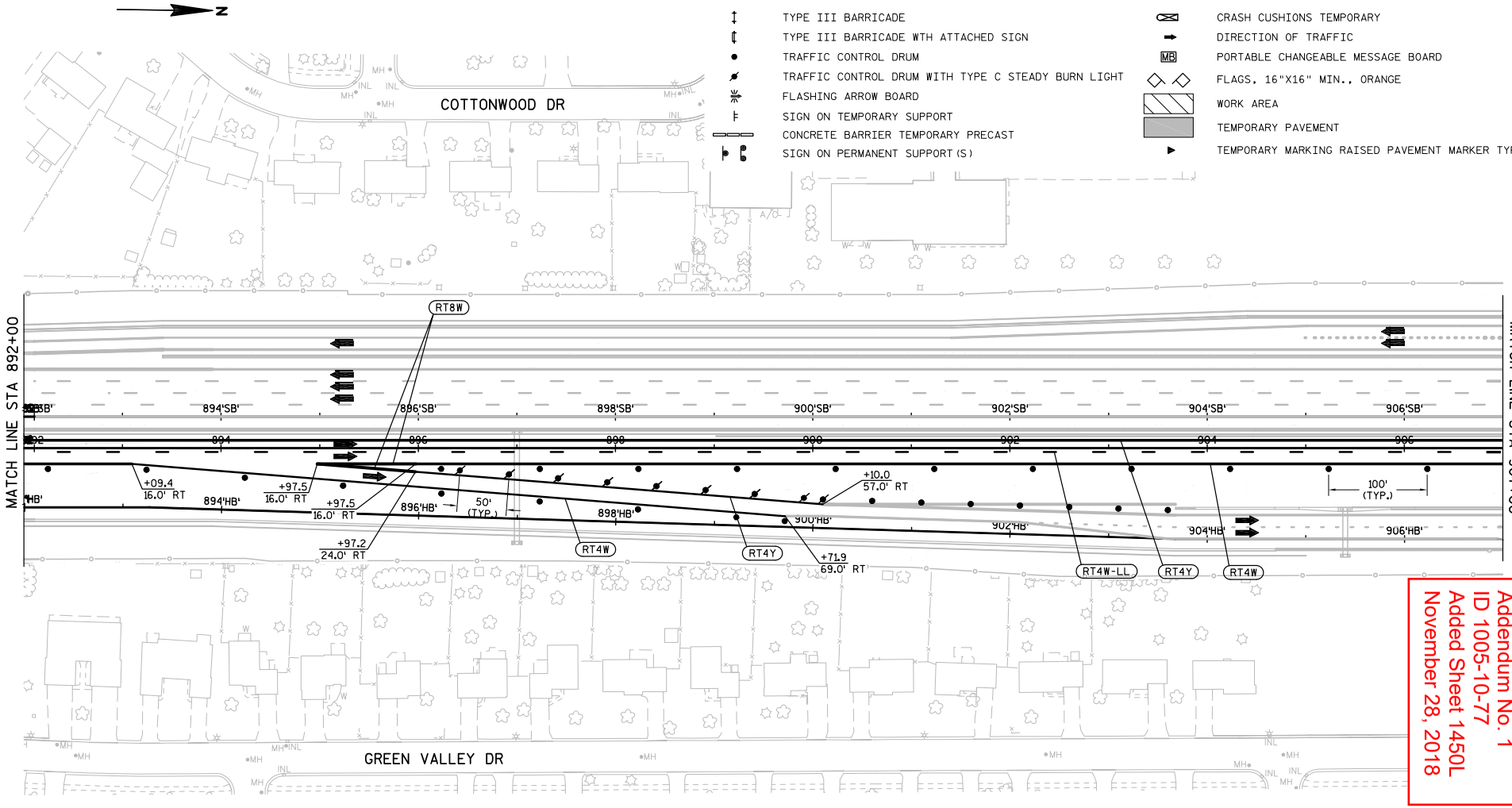
RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450K	E

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Added Sheet 1450L
November 28, 2018

PAVEMENT MARKING LEGEND

RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT8W	TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

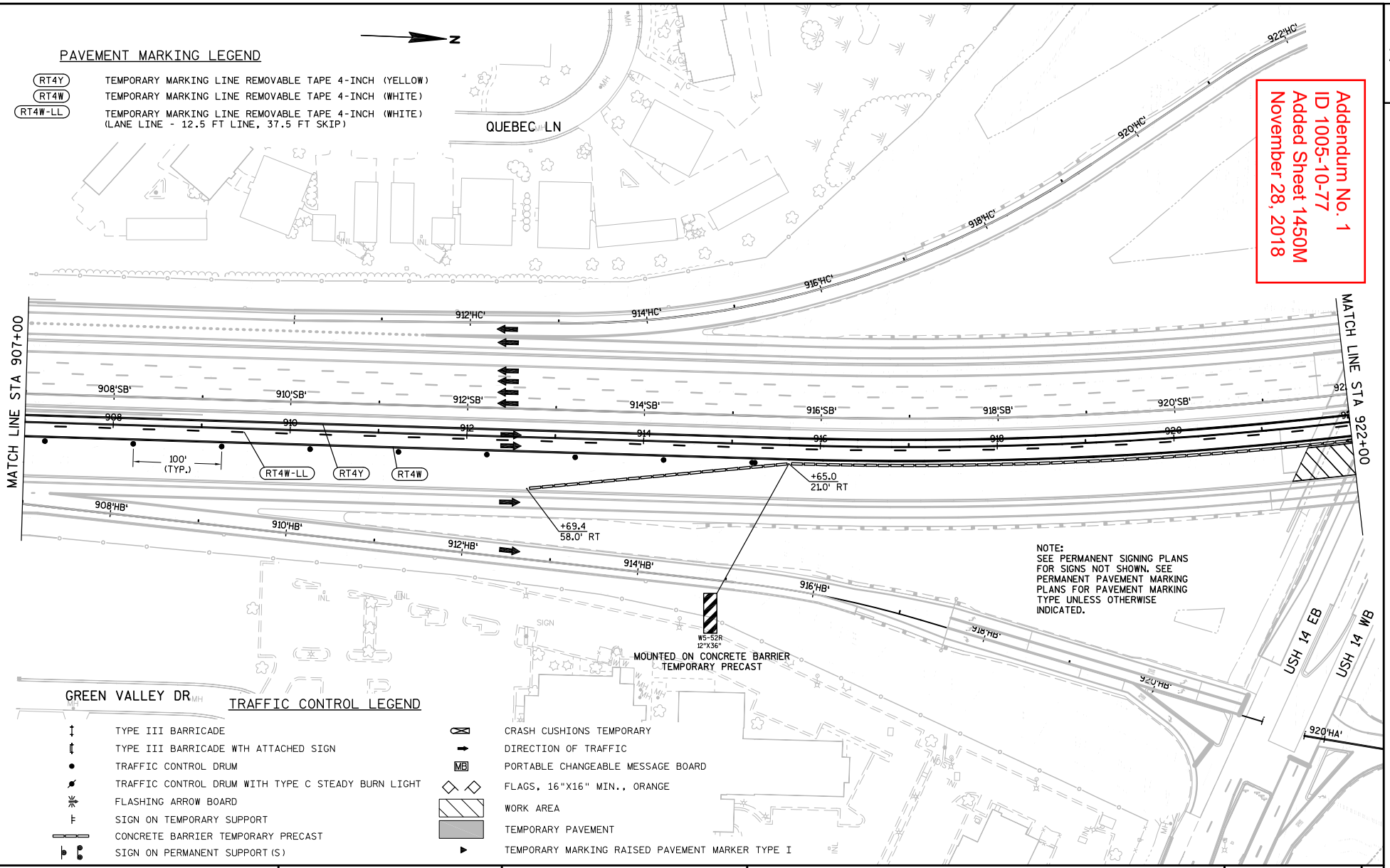
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450L	E

2

PAVEMENT MARKING LEGEND

RT4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

Addendum No. 1
ID 1005-10-77
Added Sheet 1450M
November 28, 2018



TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450M	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S5_DETAIL.DWG PLOT DATE : 11/28/2018 8:40 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S5_DETAIL - NB - (4)

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1450N
November 28, 2018

PAVEMENT MARKING LEGEND

RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

USH 14 EB
USH 14 WB
MATCH LINE STA 922+00
MATCH LINE STA 937+00
DEERFIELD DR
924'HC'
926'HD'
928'HD'
930'HD'
932'HD'
934'HD'
936'HD'
924'SB'
926'SB'
928'SB'
930'SB'
932'SB'
934'SB'
936'SB'
922'HA'
924'HA'
926'HA'
928'HA'
930'HA'
932'HA'
934'HA'
936'HA'
RT4W-LL
RT4Y
RT4W

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

TRAFFIC CONTROL LEGEND

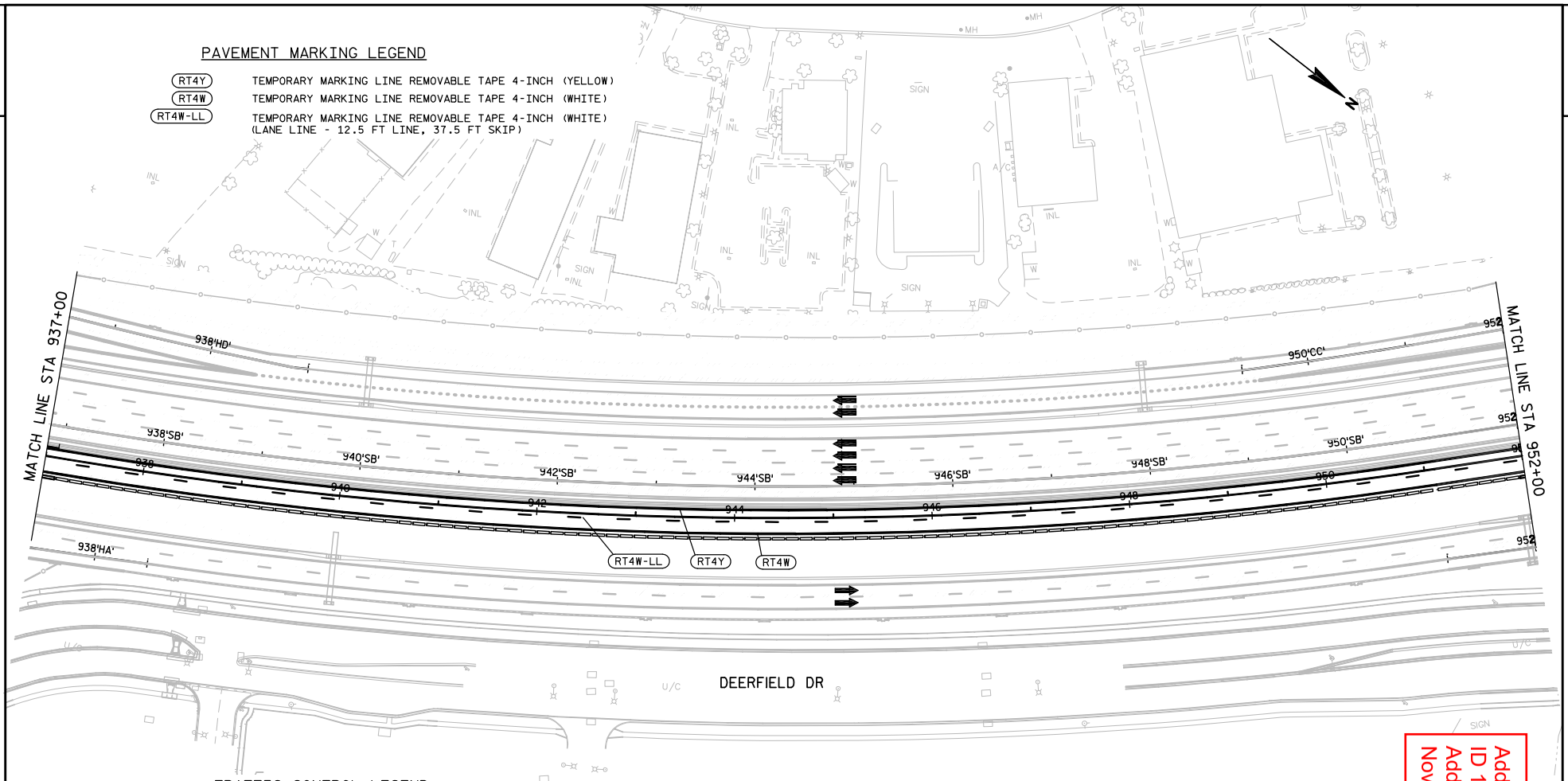
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450N	E

2

PAVEMENT MARKING LEGEND

RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)



TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD (MB)
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

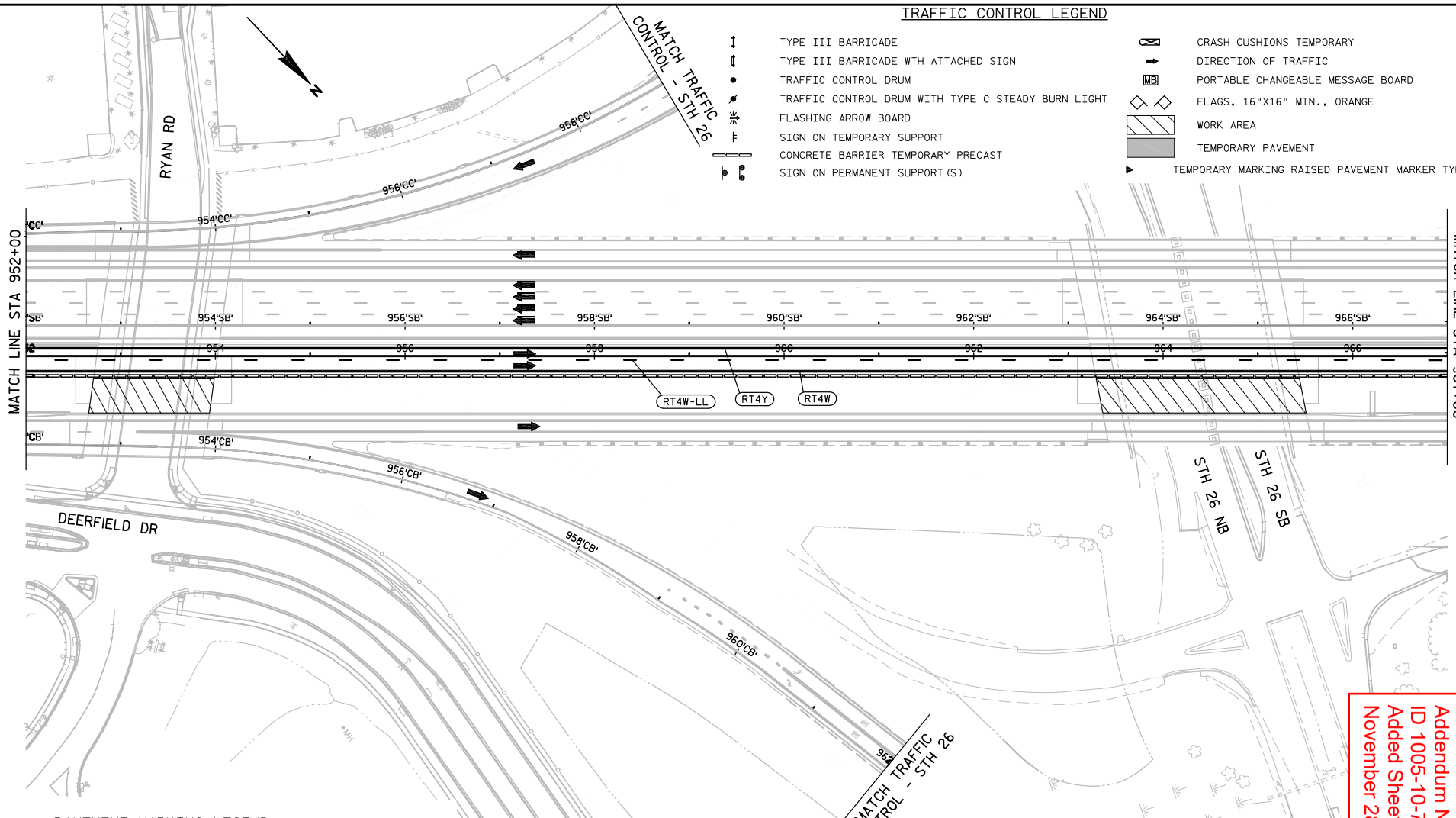
Addendum No. 1
ID 1005-10-77
Added Sheet 1450O
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450	E

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



PAVEMENT MARKING LEGEND

- RT4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- RT4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- RT4W-LL — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

Addendum No. 1
ID 1005-10-77
Added Sheet 1450P
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450P	E

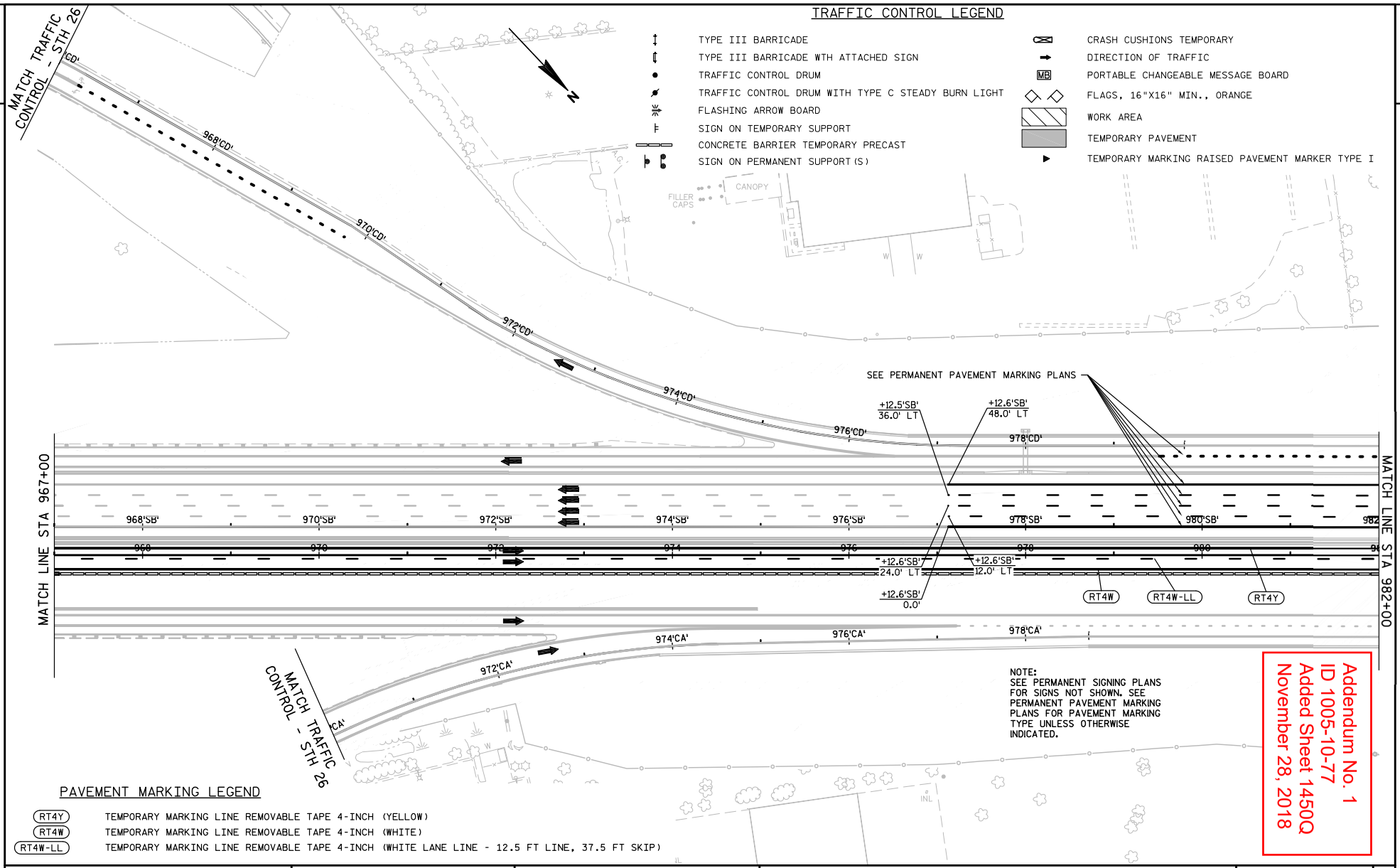
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC15_DETAIL - NB - (7).DWG 10:30 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S5_DETAIL - NB - (7)

WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

Addendum No. 1
ID 1005-10-77
Added Sheet 1450Q
November 28, 2018

PAVEMENT MARKING LEGEND

RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450Q	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S5_DETAIL.DWG PLOT DATE : 11/28/2018 8:30 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S5_DETAIL - NB - (8)

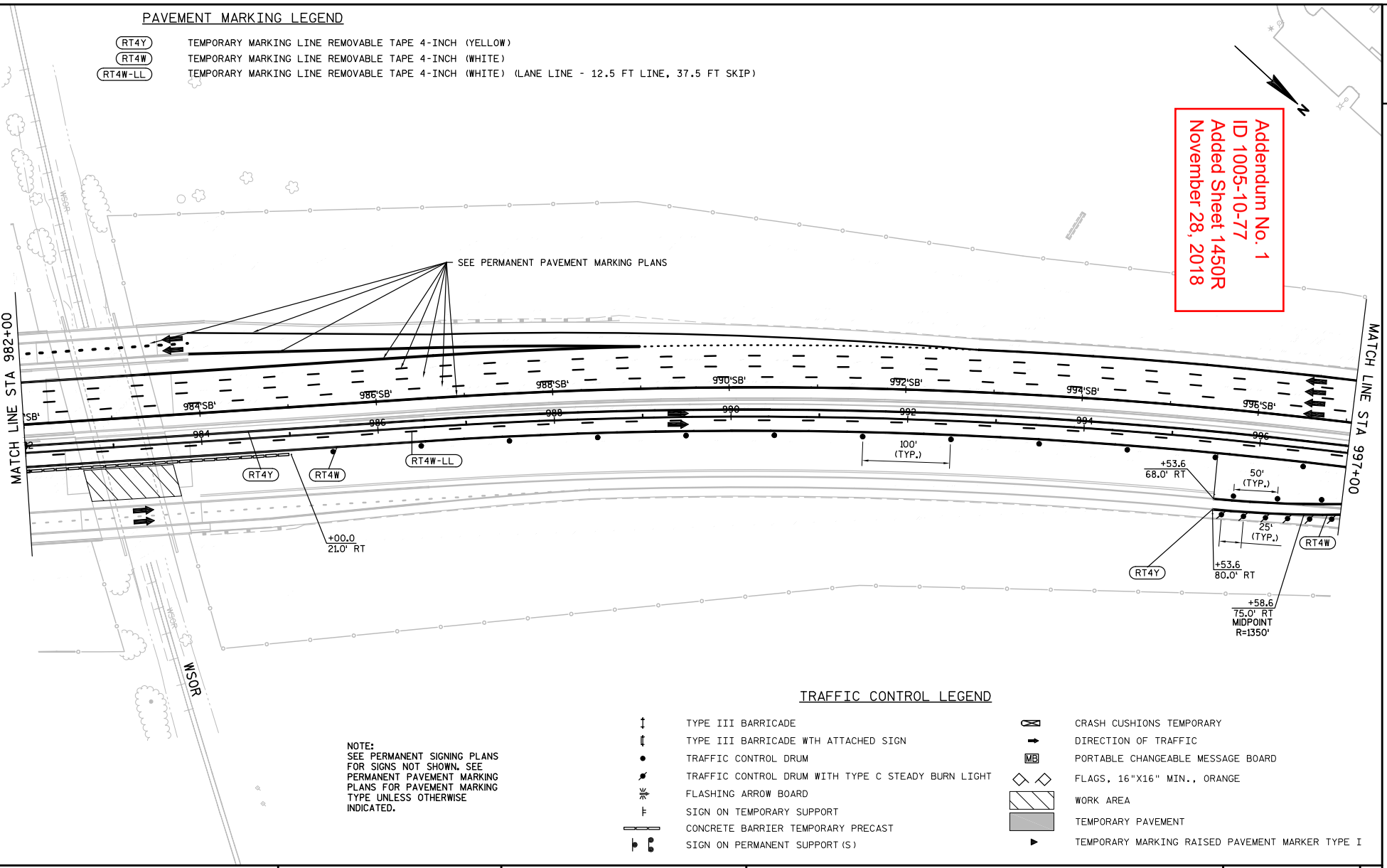
WISDOT/CADDS SHEET 42

2

PAVEMENT MARKING LEGEND

RT4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

Addendum No. 1
ID 1005-10-77
Added Sheet 1450R
November 28, 2018



NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

TRAFFIC CONTROL LEGEND

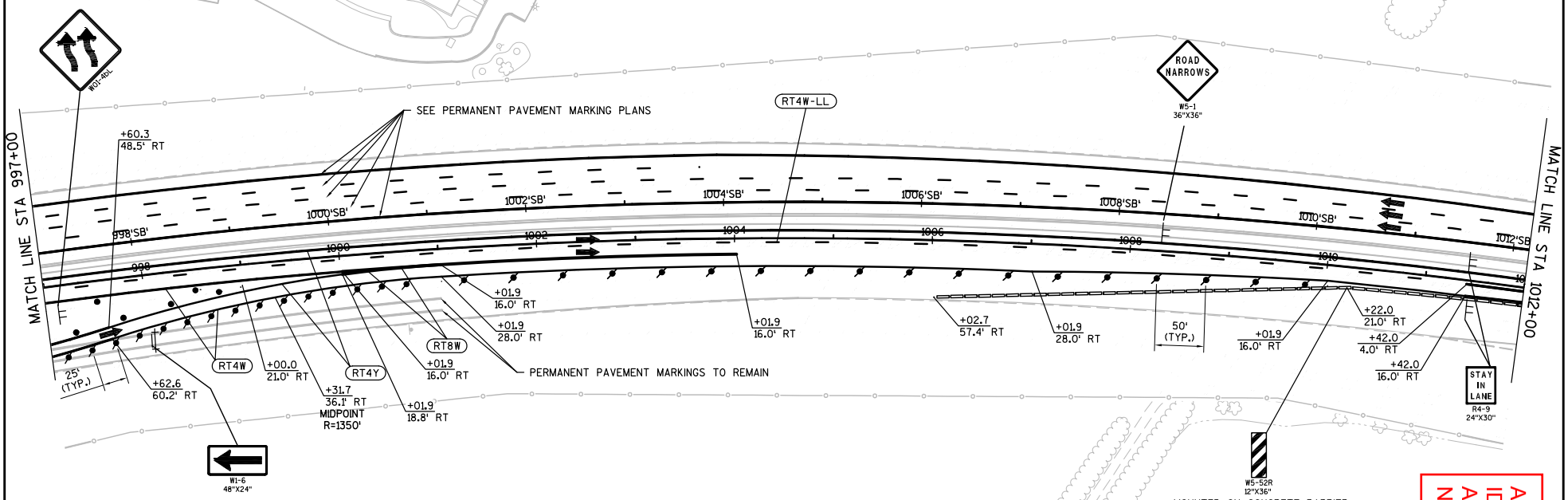
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT (S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450R	E

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



Addendum No. 1
ID 1005-10-77
Added Sheet 1450S
November 28, 2018

PAVEMENT MARKING LEGEND

RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT8W	TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450S	E

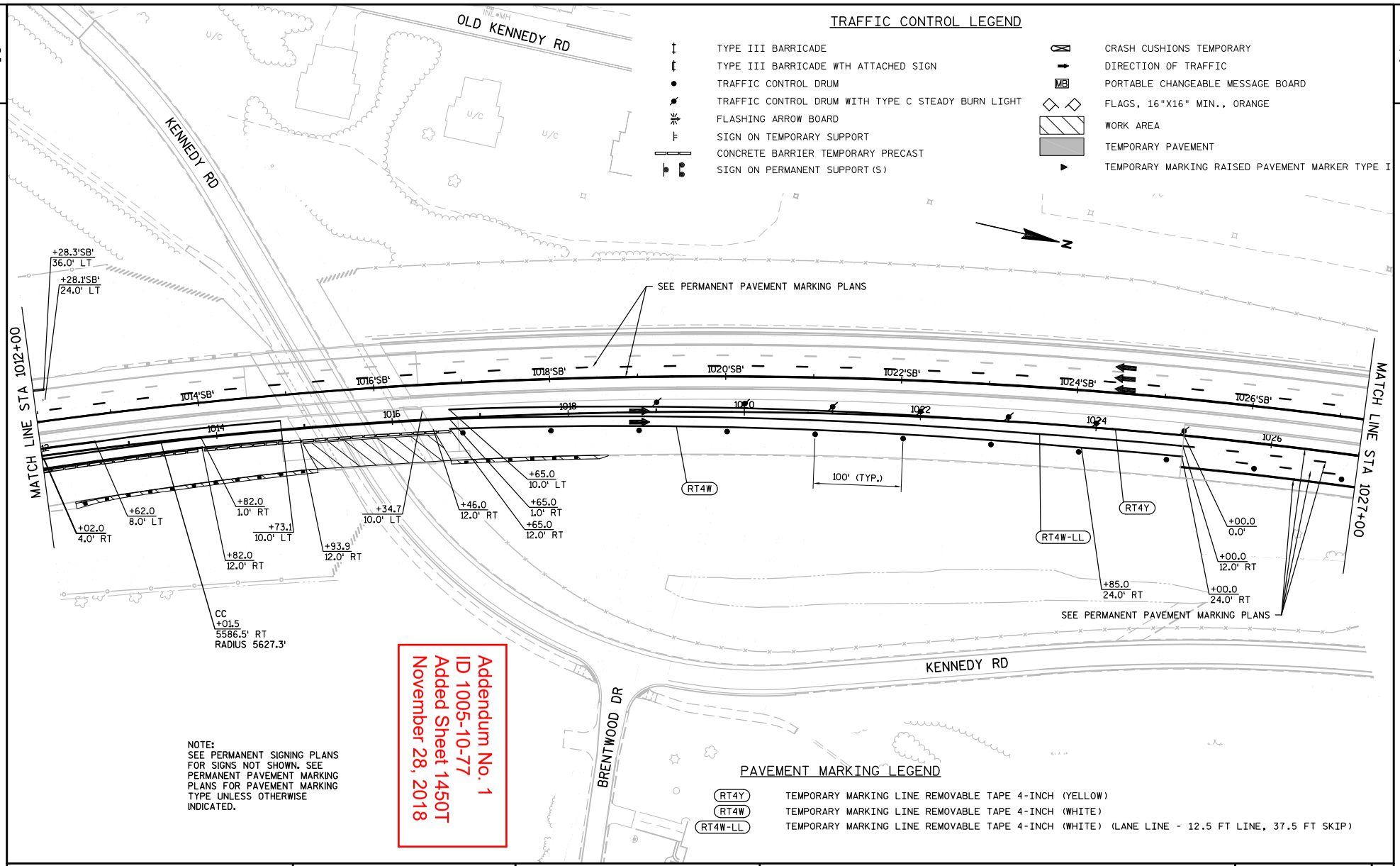
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC15_28_2018.DWG 11:01 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC-S5_DETAIL - NB - (10)

WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I



NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

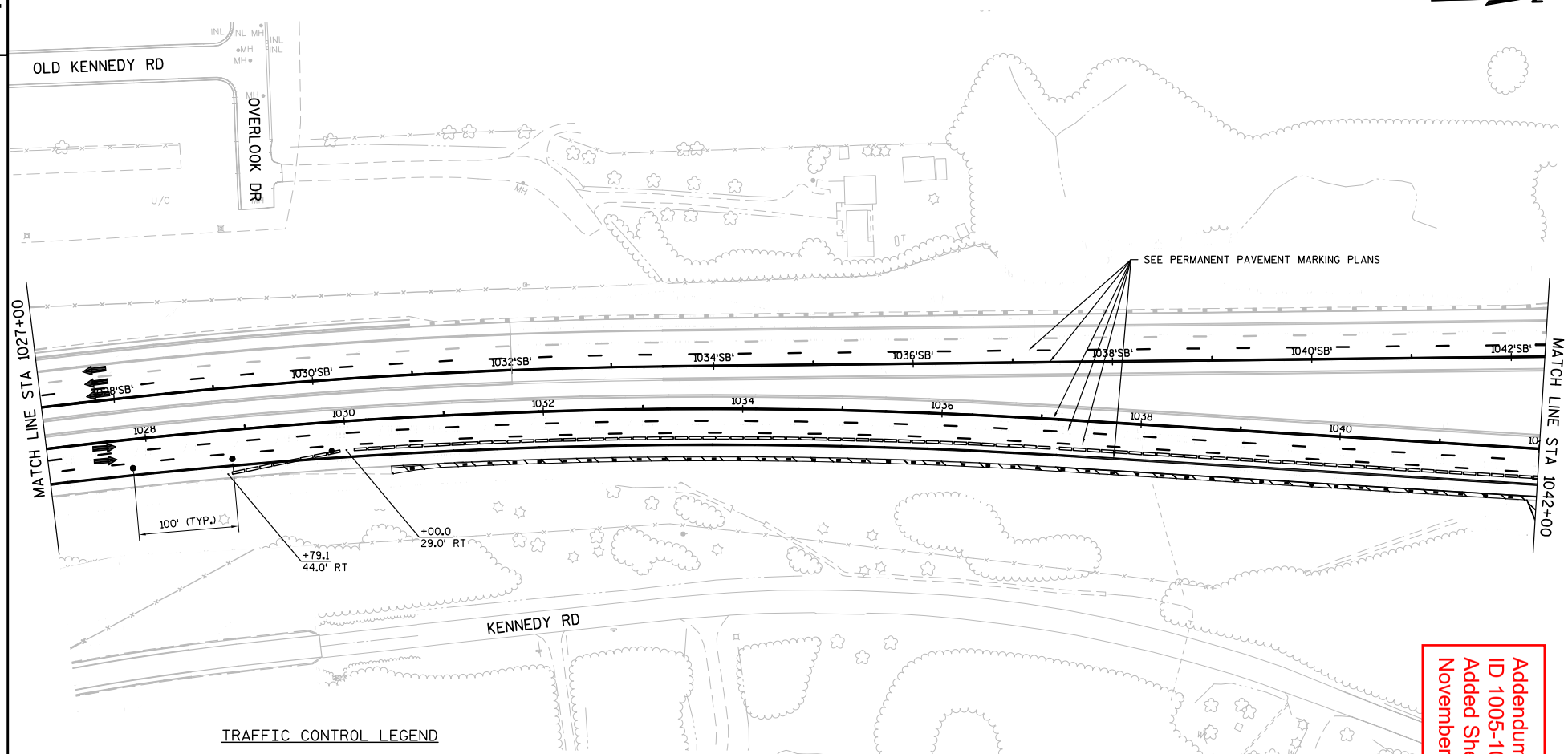
Addendum No. 1
ID 1005-10-77
Added Sheet 1450T
November 28, 2018

PAVEMENT MARKING LEGEND

RT4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
RT4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
RT4W-LL	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (LANE LINE - 12.5 FT LINE, 37.5 FT SKIP)

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450T	E

2



Addendum No. 1
ID 1005-10-77
Added Sheet 1450U
November 28, 2018

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT (S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD (MB)
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL: STAGE 6	SHEET 1450U	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\025102_TC_S5_DETAIL.DWG PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025102_TC_S5_DETAIL - NB - (12)

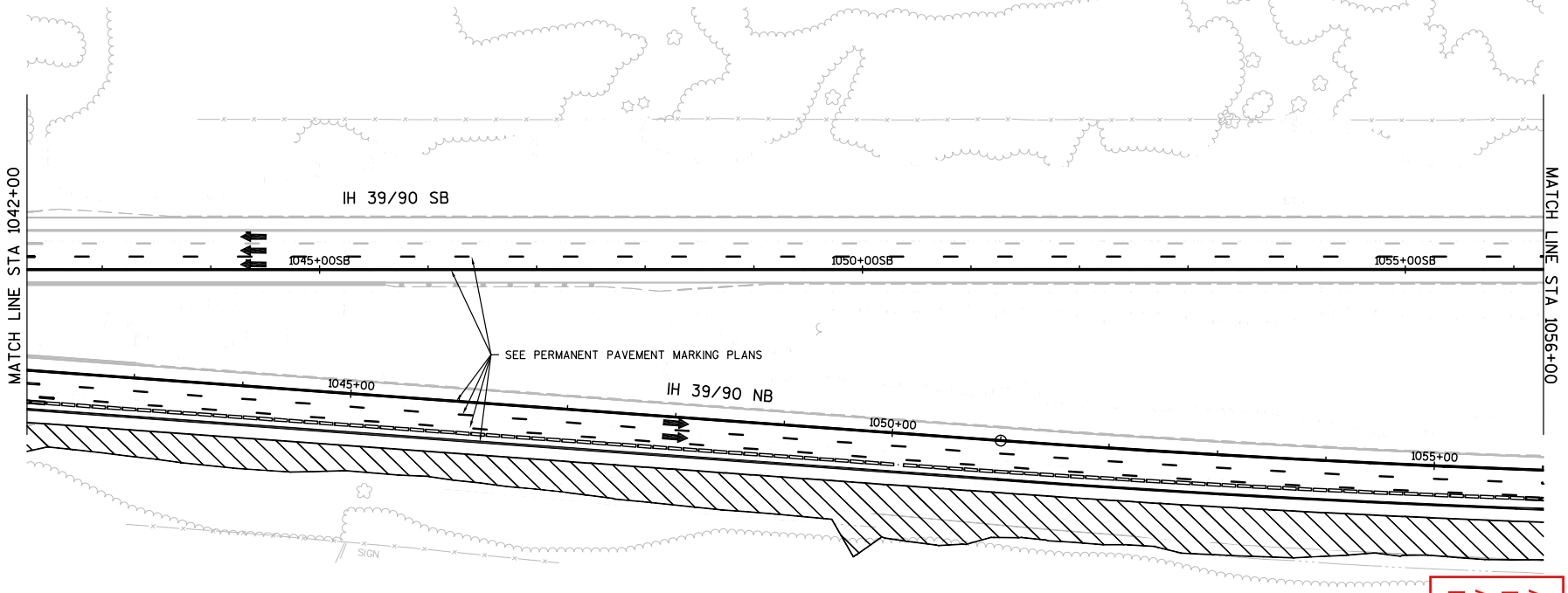
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

N



NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

Addendum No. 1
ID 1005-10-77
Added Sheet 1450V
November 28, 2018

2

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 6	SHEET 1450V	E

2

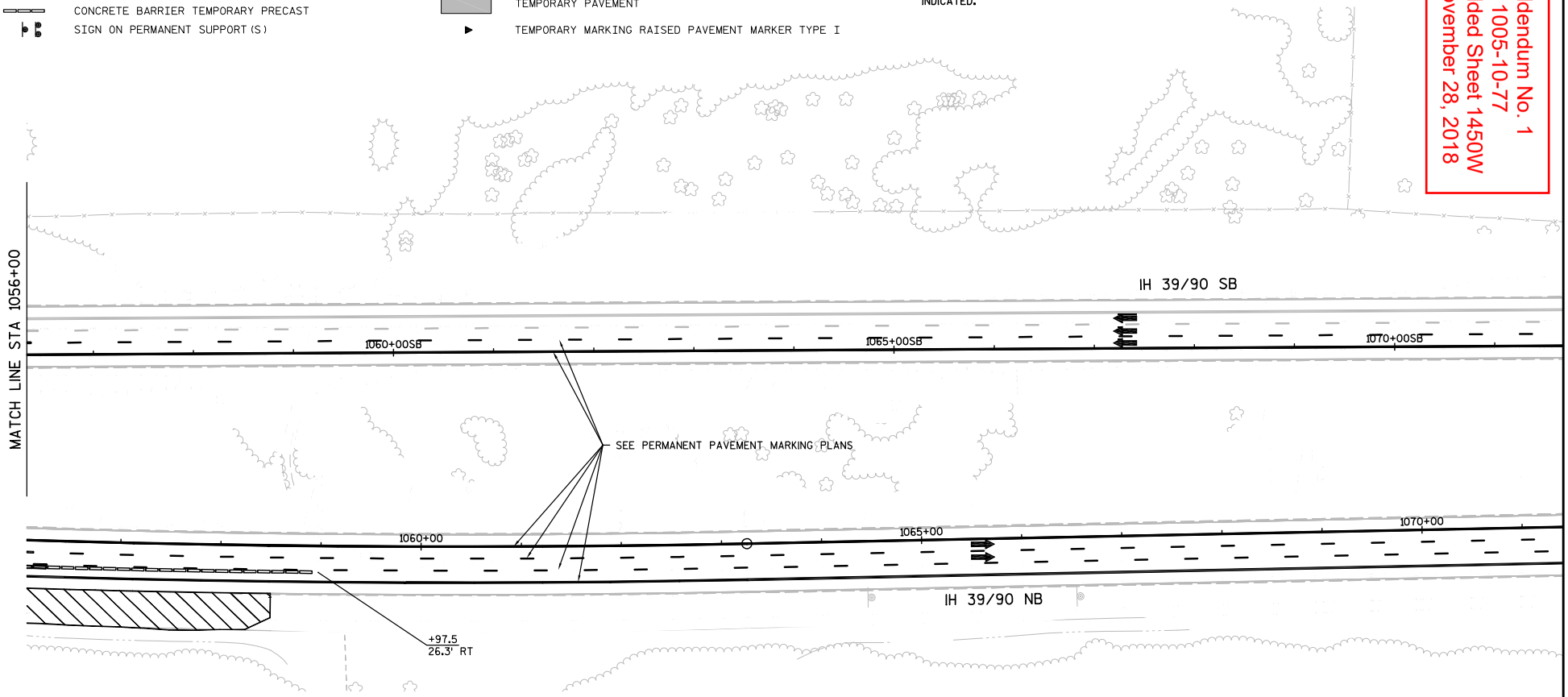
TRAFFIC CONTROL LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- SIGN ON PERMANENT SUPPORT(S)
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- PORTABLE CHANGEABLE MESSAGE BOARD
- FLAGS, 16"X16" MIN., ORANGE
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I

NOTE:
SEE PERMANENT SIGNING PLANS FOR SIGNS NOT SHOWN. SEE PERMANENT PAVEMENT MARKING PLANS FOR PAVEMENT MARKING TYPE UNLESS OTHERWISE INDICATED.

N

Addendum No. 1
ID 1005-10-77
Added Sheet 1450W
November 28, 2018



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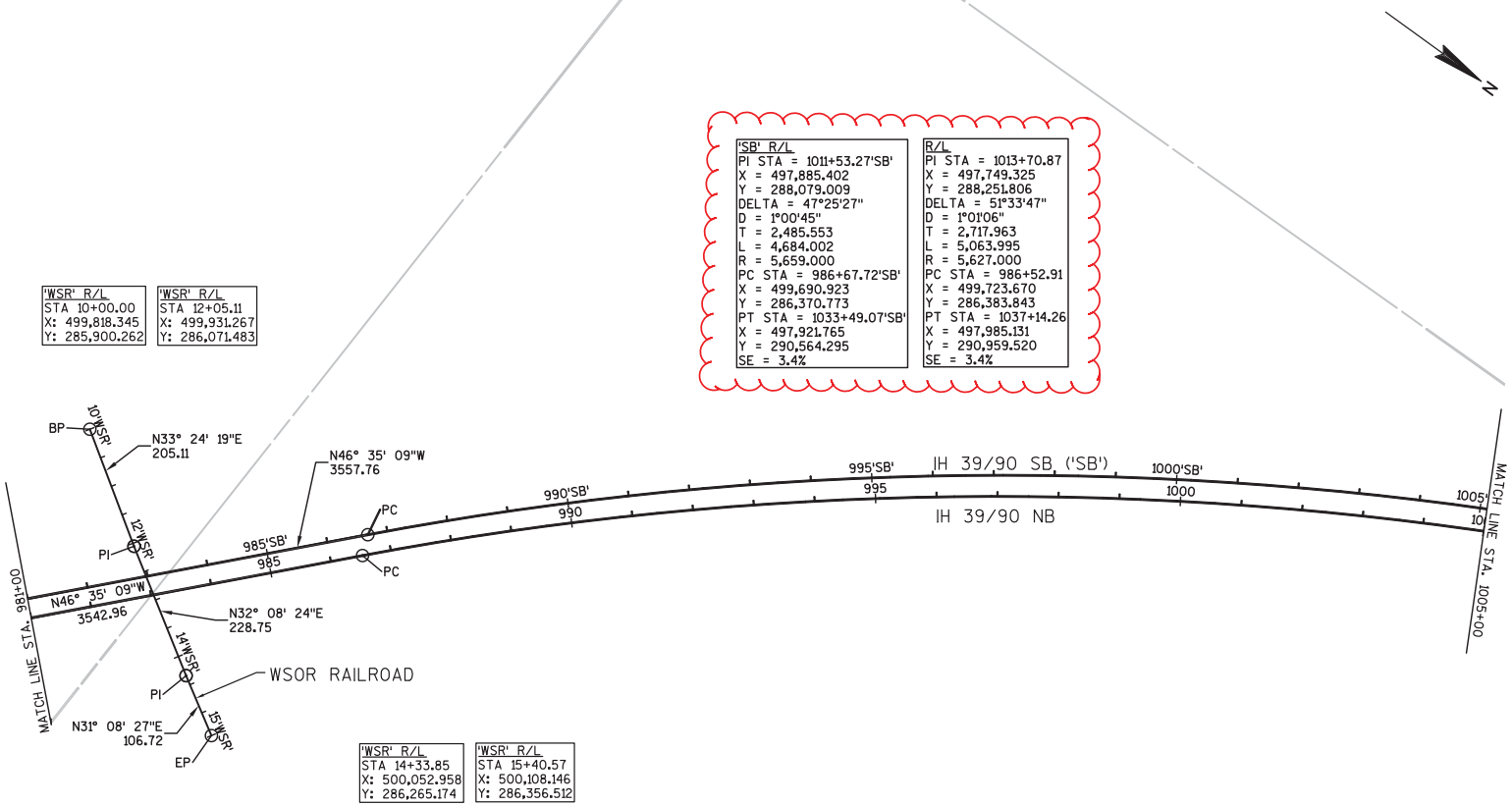
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	TRAFFIC CONTROL DETAILS: STAGE 6	SHEET 1450W	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\TRAFFIC CONTROL\START AFTER 76\FINAL DESIGN\TRAFFIC CONTROL DETAILS\1005-10-77_TC15-28_ROW18-0838_DETAIL.DWG PLOTTED BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - SHEET - (3)

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1688
November 28, 2018



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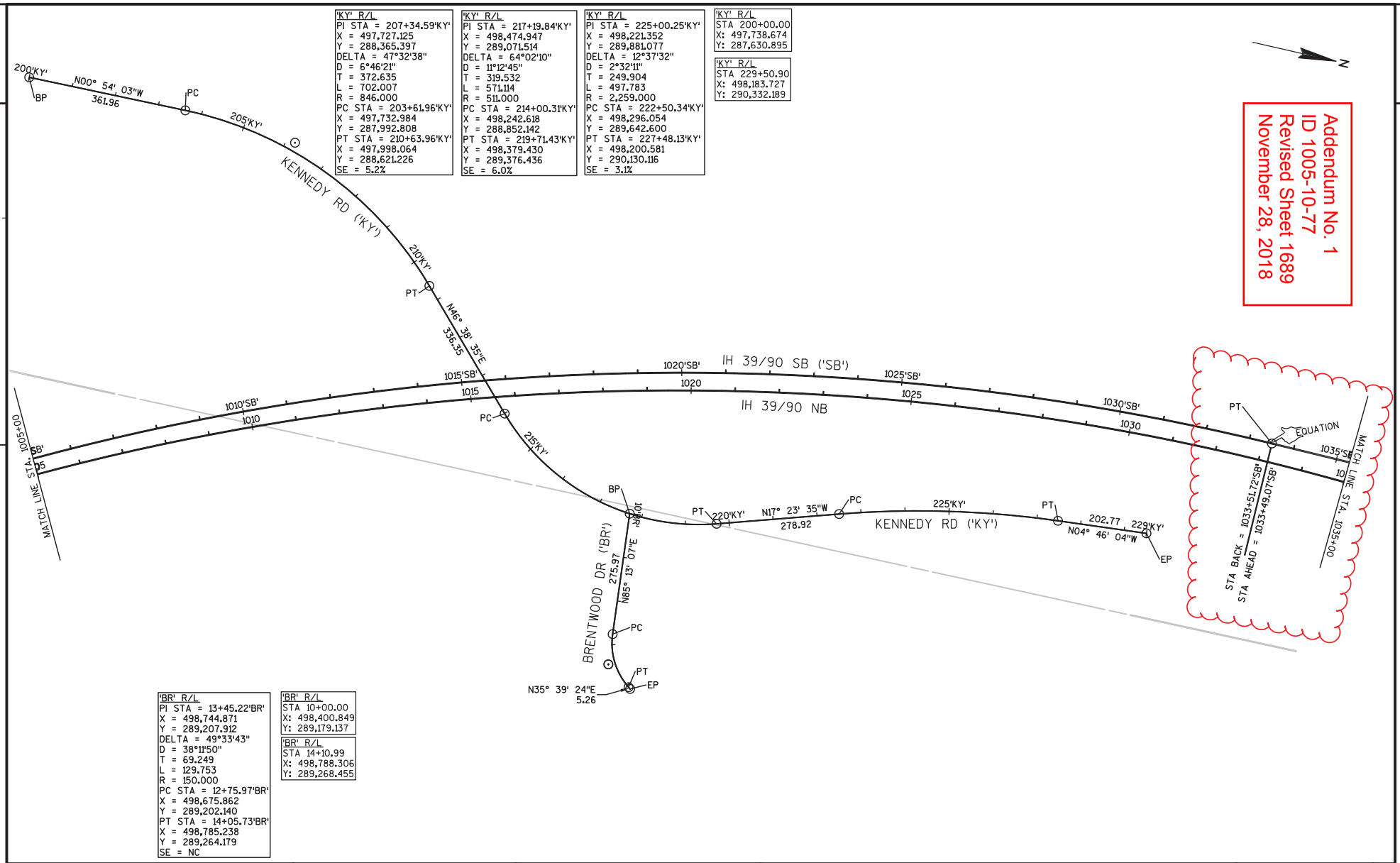
PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - PERMANENT ROADWAYS	SHEET 1688	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027201_AD.DWG PLOT DATE : 11/7/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



2

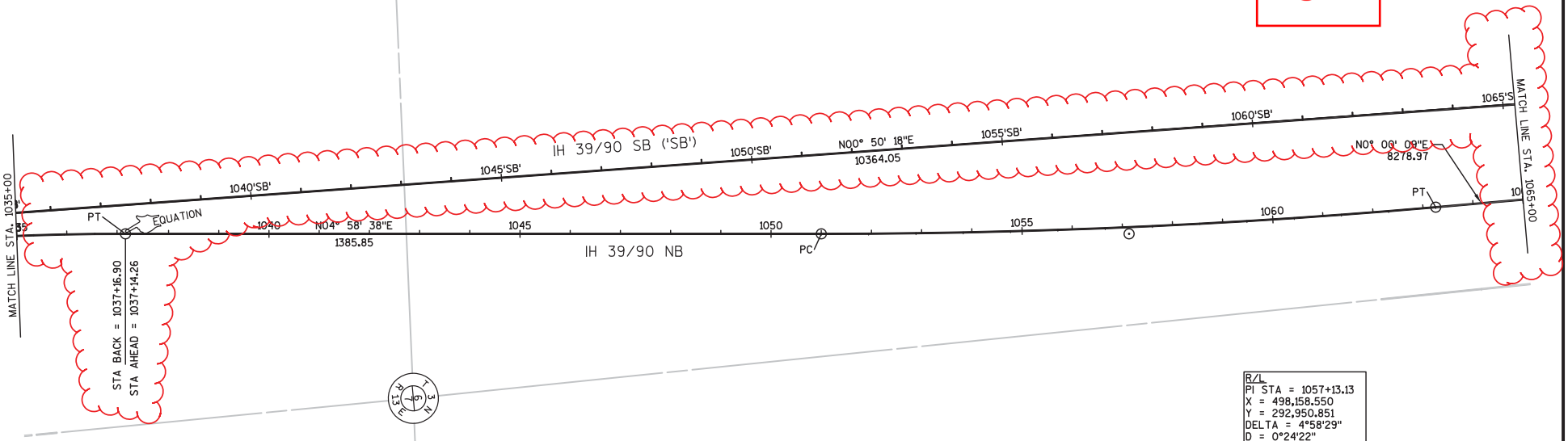
PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - PERMANENT ROADWAYS	SHEET 1689	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027201_AD.DWG PLOT DATE : 11/7/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1690
November 28, 2018



R/L
PI STA = 1057+13.13
X = 498,158.550
Y = 292,950.851
DELTA = 4°58'29"
D = 0°24'22"
T = 613.021
L = 1,225.271
R = 14,112.000
PC STA = 1051+00.11
X = 498,105.365
Y = 292,340.142
PT STA = 1063+25.38
X = 498,158.576
Y = 293,563.872

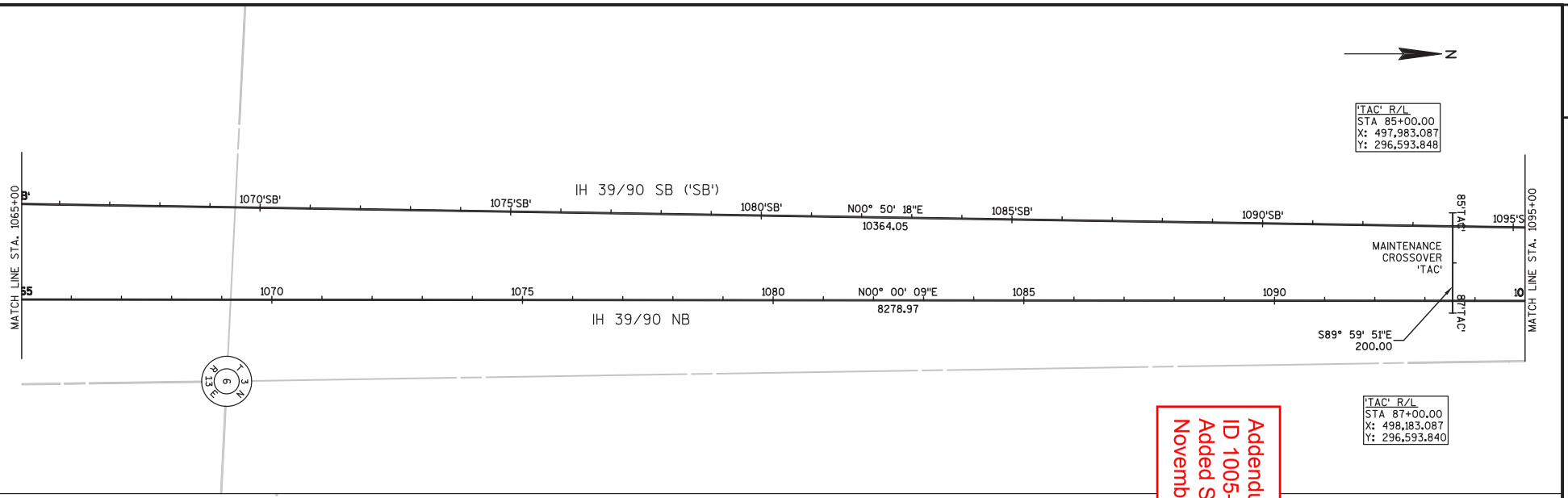
2

PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - PERMANENT ROADWAYS	SHEET 1690	E

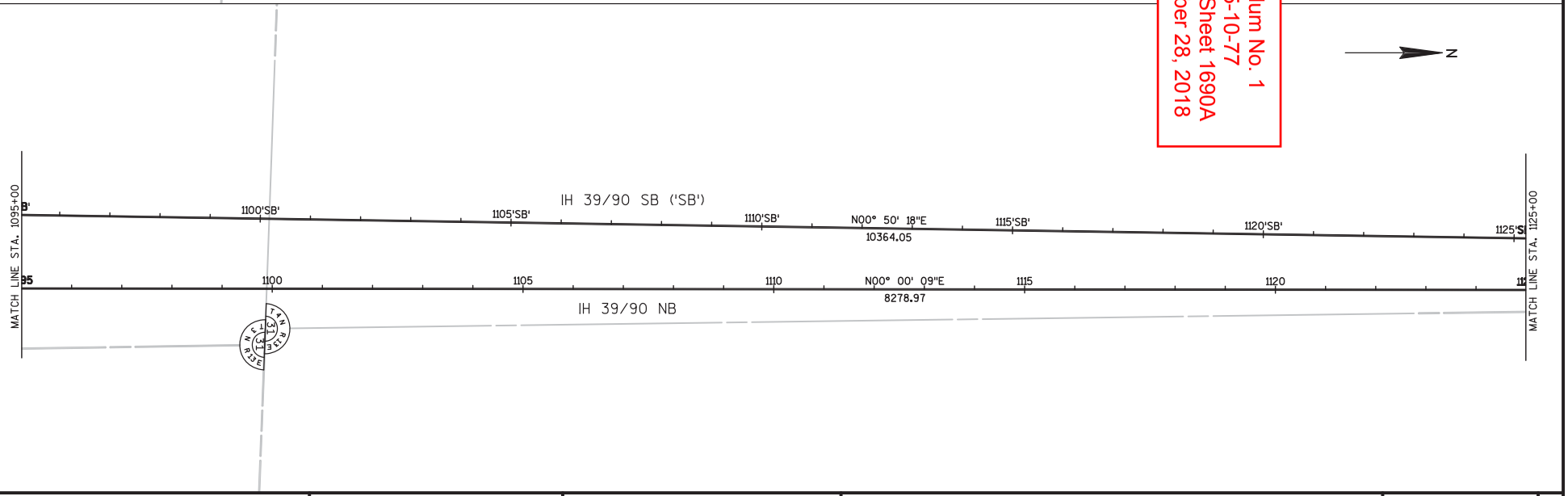
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027201_AD.DWG PLOT DATE : 11/7/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



Addendum No. 1
ID 1005-10-77
Added Sheet 1690A
November 28, 2018



2

PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - PERMANENT ROADWAYS	SHEET 1690A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027201_AD.DWG PLOT DATE : 11/12/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1 IN:200 FT

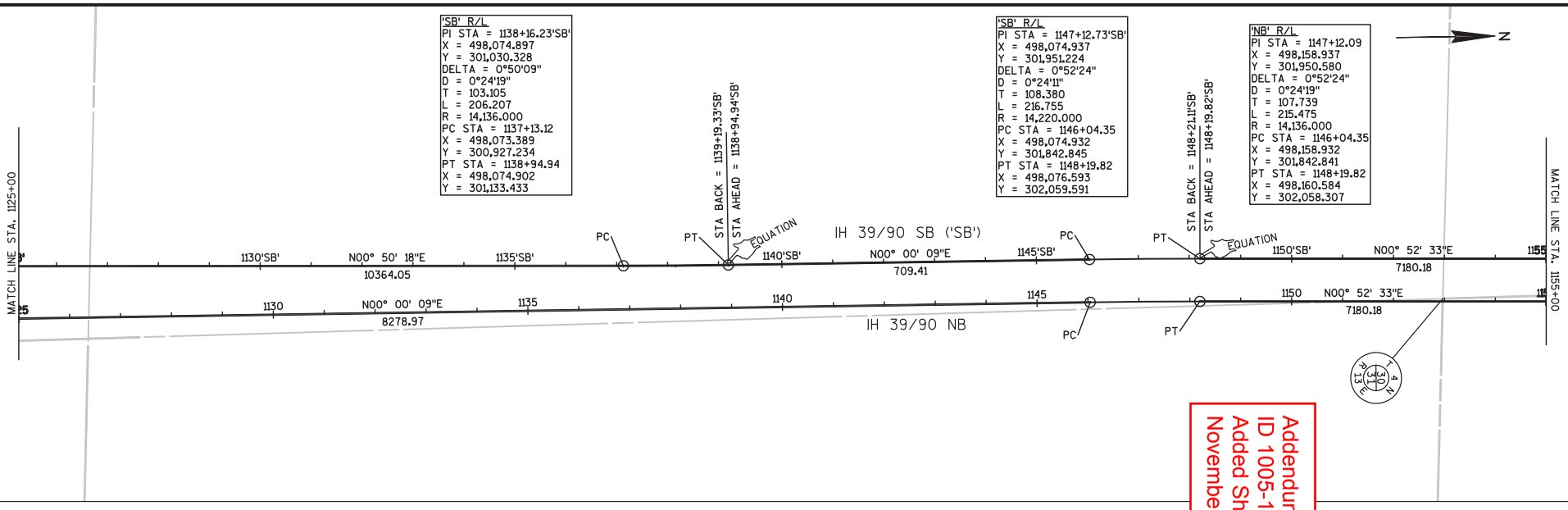
WISDOT/CADDS SHEET 42

2

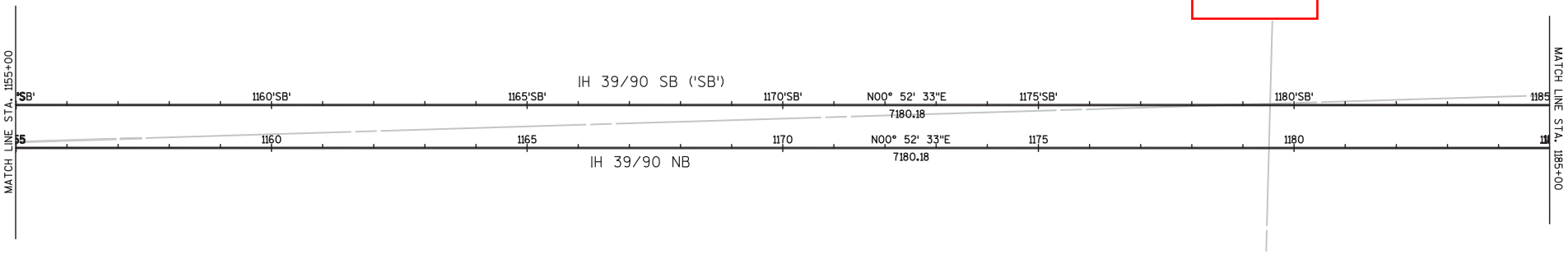
'SB' R/L
PI STA = 1138+16.23'SB'
X = 498,074.897
Y = 301,030.328
DELTA = 0°50'09"
D = 0°24'19"
T = 103.105
L = 206.207
R = 14,136.000
PC STA = 1137+13.12
X = 498,073.389
Y = 300,927.234
PT STA = 1138+94.94
X = 498,074.902
Y = 301,133.433

'SB' R/L
PI STA = 1147+12.73'SB'
X = 498,074.937
Y = 301,951.224
DELTA = 0°52'24"
D = 0°24'11"
T = 108.380
L = 216.755
R = 14,220.000
PC STA = 1146+04.35
X = 498,074.932
Y = 301,842.845
PT STA = 1148+19.82
X = 498,076.593
Y = 302,059.591

'NB' R/L
PI STA = 1147+12.09
X = 498,158.937
Y = 301,950.580
DELTA = 0°52'24"
D = 0°24'19"
T = 107.739
L = 215.475
R = 14,136.000
PC STA = 1146+04.35
X = 498,158.932
Y = 301,842.841
PT STA = 1148+19.82
X = 498,160.584
Y = 302,058.307



Addendum No. 1
ID 1005-10-77
Added Sheet 1690B
November 28, 2018



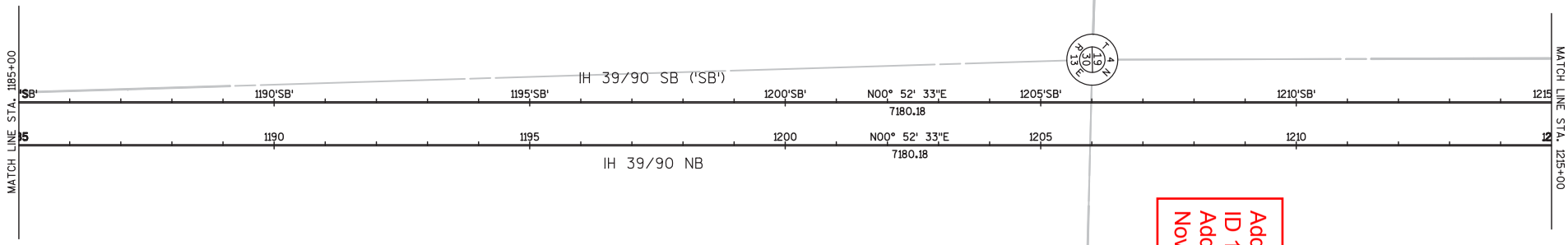
2

PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - PERMANENT ROADWAYS	SHEET 1690B	E

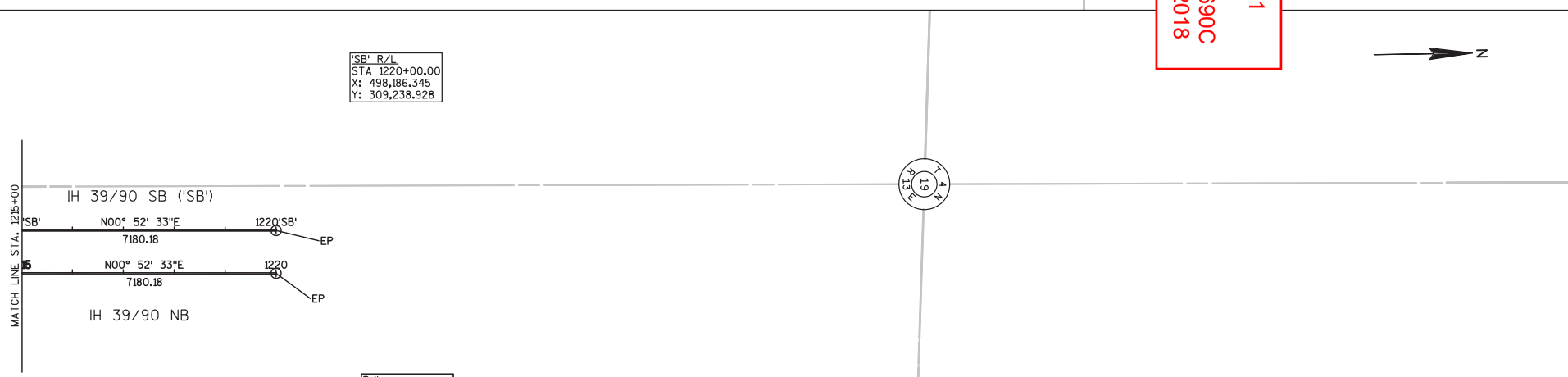
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027201_AD.DWG PLOT DATE : 11/8/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2



Addendum No. 1
ID 1005-10-77
Added Sheet 1690C
November 28, 2018



2

PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - PERMANENT ROADWAYS	SHEET 1690C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027201_AD.DWG PLOT DATE : 11/8/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

'TSB' R/L
PI STA = 1011+17.75'TSB'
X = 498,279.971
Y = 288,423.776
DELTA = 4°06'51"
D = 1°08'26"
T = 180.457
L = 360.758
R = 5,023.920
PCC STA = 1009+37.30
X = 498,347.222
Y = 288,256.318
PT STA = 1012+98.05
X = 498,224.908
Y = 288,595.626

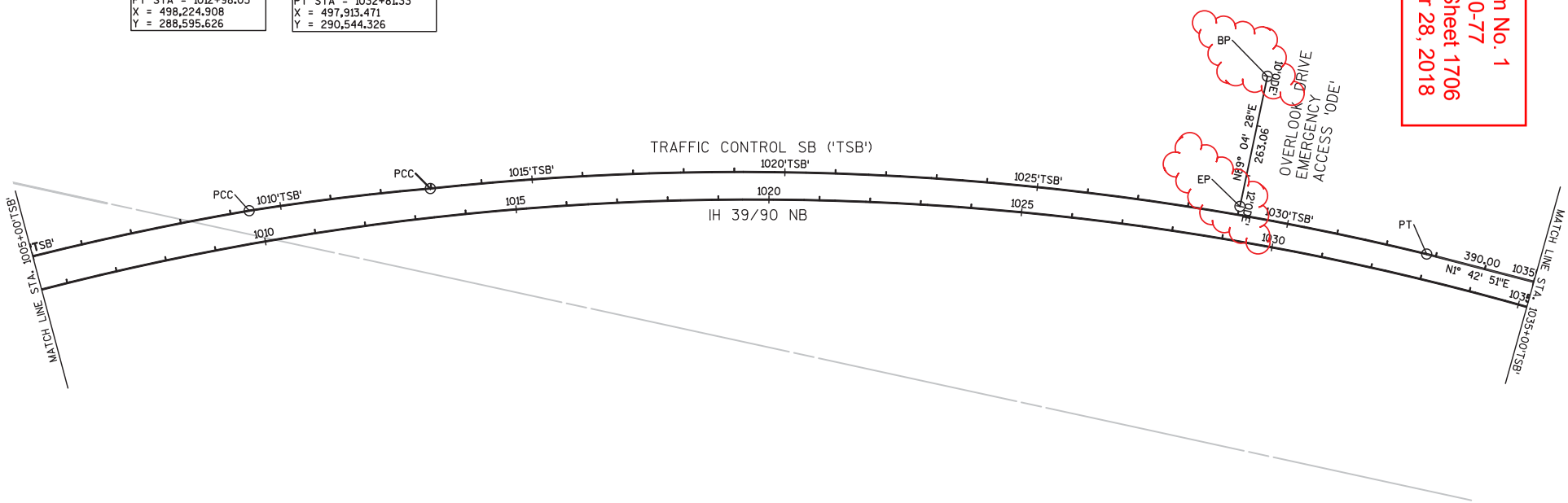
'TSB' R/L
PI STA = 1022+99.67'TSB'
X = 497,899.191
Y = 289,542.807
DELTA = 19°47'39"
D = 0°59'53"
T = 1,001.621
L = 1,983.277
R = 5,740.792
PCC STA = 1012+98.05
X = 498,224.908
Y = 288,595.626
PT STA = 1032+81.33
X = 497,913.471
Y = 290,544.326

'ODE' R/L
STA 10+00.00
X: 497,640.638
Y: 290,159.285

'ODE' R/L
STA 12+63.06
X: 497,903.667
Y: 290,163.534

N

Addendum No. 1
ID 1005-10-77
Revised Sheet 1706
November 28, 2018



PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - TEMPORARY ROADWAYS	SHEET 1706	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027205_AD.DWG PLOT DATE : 11/8/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1707
November 28, 2018

N

'TSB' R/L
STA 1036+71.33
X: 497,925.138
Y: 290,934.151

'TSB' R/L
STA 1055+16.37
X: 497,951.813
Y: 292,778.995

MATCH LINE STA. 1035+00'TSB'

TRAFFIC CONTROL SB ('TSB')

'TSB' PI 1040'TSB' 1045'TSB' N0° 49' 42"E 1845.04 1050'TSB' 1055'TSB' EP

1040 1045 1050 1055 1060

IH 39/90 NB

STA BACK = 1037+16.90
STA AHEAD = 1037+14.26

N0° 00' 09"E 548.74

1064'XB' BP

MATCH LINE STA. 1065+00

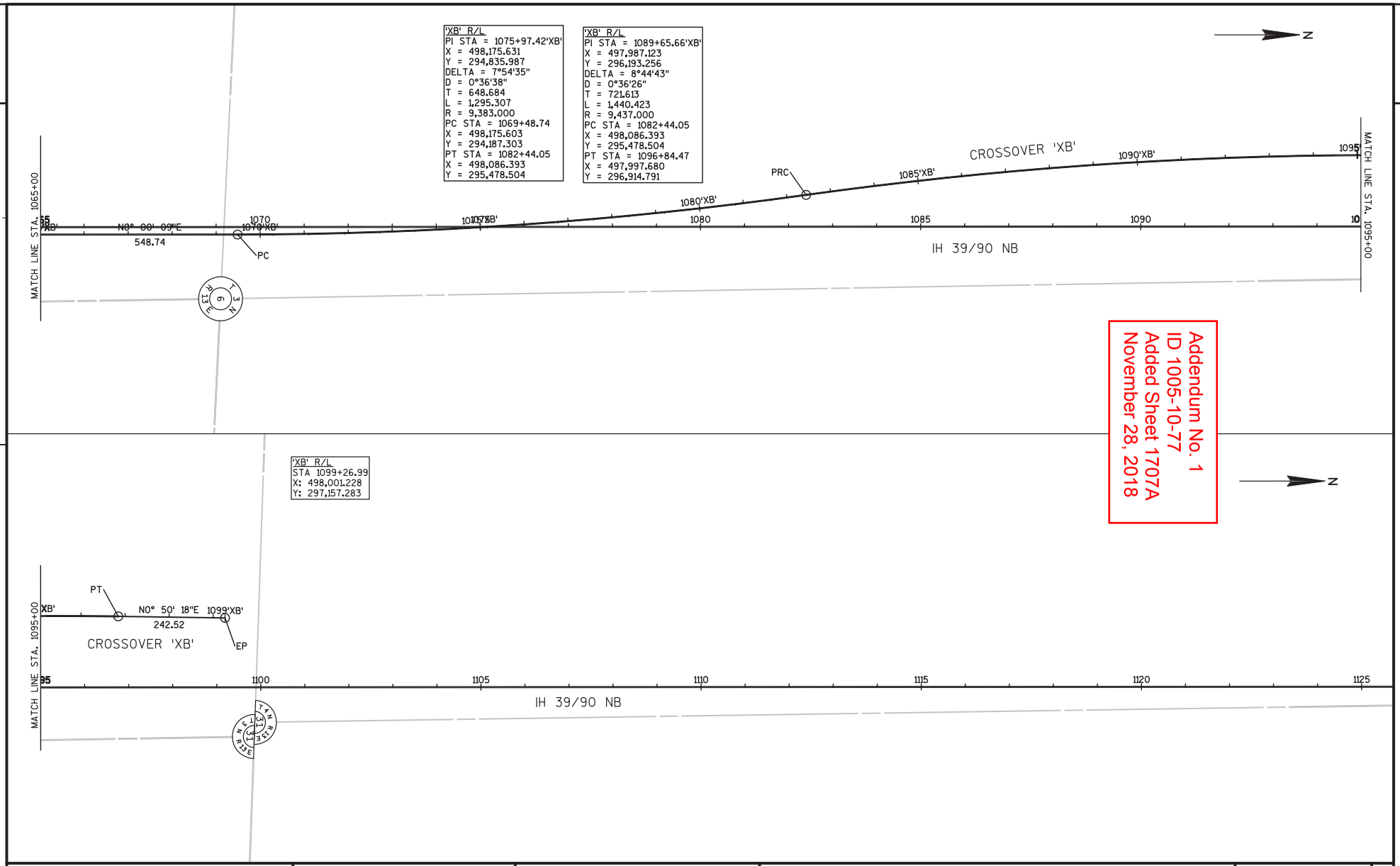
'XB' R/L
STA 1064+00.00
X: 498,175.580
Y: 293,638.564

2

PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - TEMPORARY ROADWAYS	SHEET 1707	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027205_AD.DWG PLOT DATE : 11/8/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

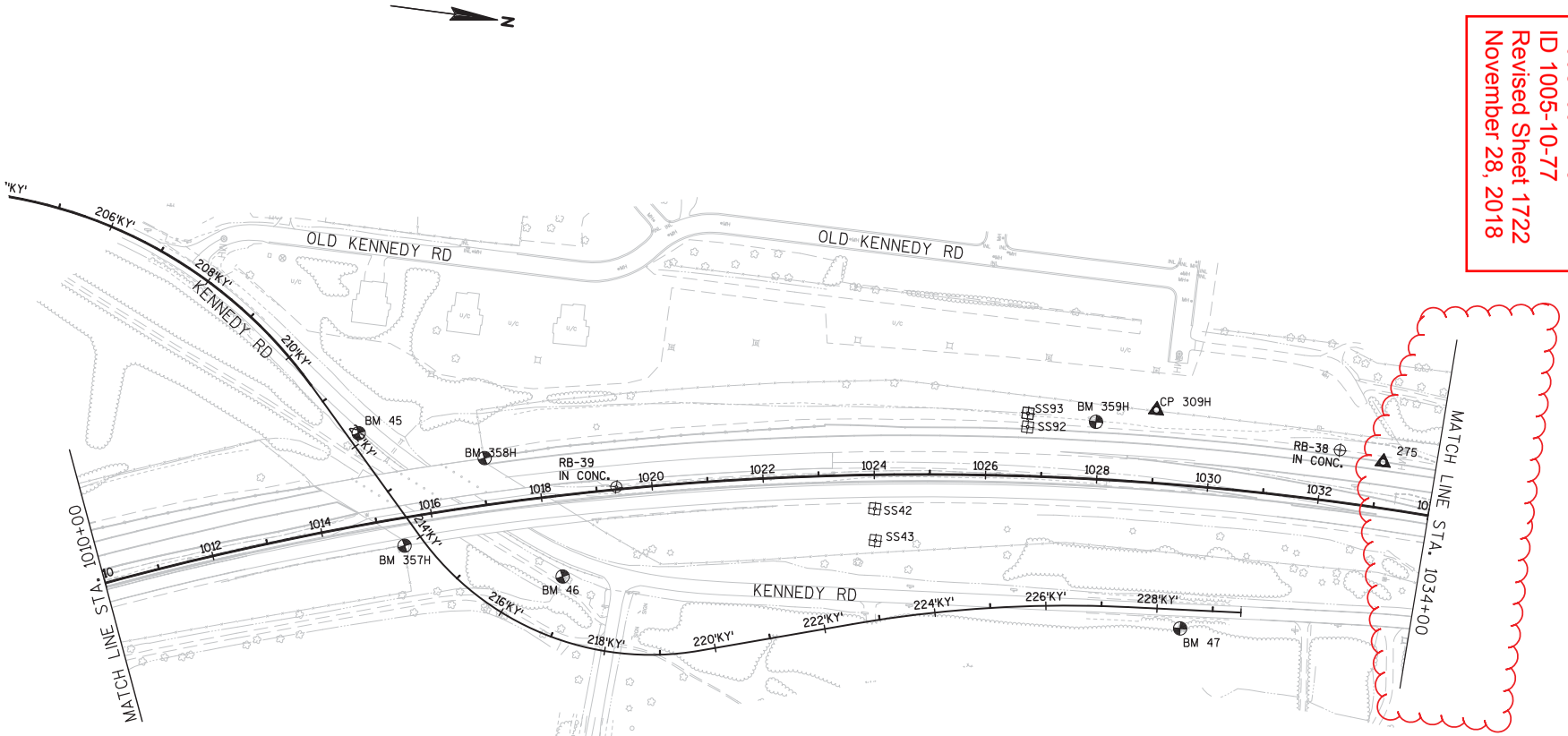


PROJECT NO:1005-10-77,-83	HWY:IH 39/90	COUNTY:ROCK	ALIGNMENT DIAGRAM - TEMPORARY ROADWAYS	SHEET 1707A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2-NORTH JANESVILLE\SHEETSPLAN\ALIGNMENT DIAGRAM\027205 1AD.DWG PLOT DATE : 11/8/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:200 FT WSDOT/CADDS SHEET 42

2

Addendum No. 1
ID 1005-10-77
Revised Sheet 1722
November 28, 2018



NOTE:
THE COORDINATES ARE REFERENCED TO WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), ROCK COUNTY, NAD 1983 (2007).

VERTICAL DATUM BASED ON NAVD 88 (2007).

FOR INFORMATION ONLY. OFFICIAL SURVEY CONTROL SHALL BE OBTAINED FROM WISDOT PRIOR TO CONSTRUCTION.

COORDINATES LISTED FOR BENCHMARKS (BM) ARE FOR GENERAL LOCATION USE ONLY AND NOT TO BE USED AS CONTROL POINTS (CP).

*GPS OBSERVED ELEVATION

LEGEND

- SOIL BORING
- MEDIAN & SIDE SLOPE TEST PIT
- BENCHMARK
- CONTROL POINT

CONTROL POINT/BENCHMARK LOCATIONS IN RELATION TO IH 39/90

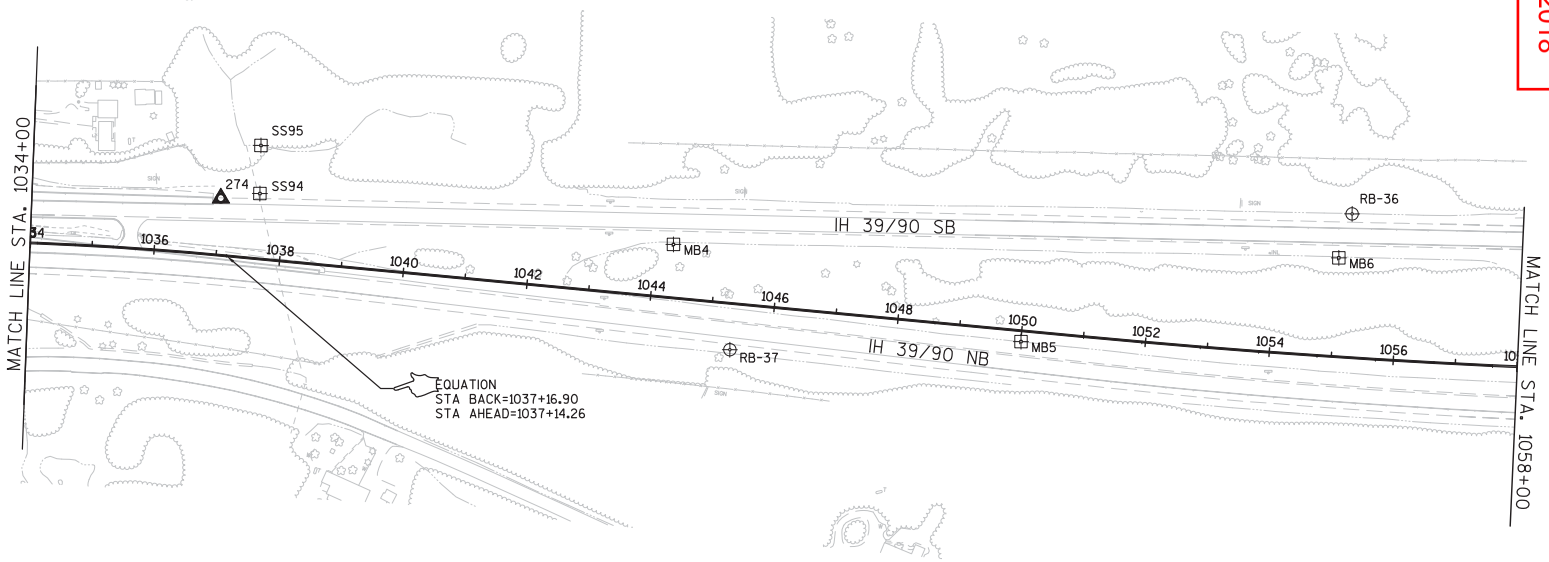
POINT NAME	TYPE	X	Y	ELEV	DESCRIPTION
45	BM	498072.368	288717.671	893.15	6IN NAIL GR WOOD POST
46	BM	498279.605	289114.892	888.59	METAL KNOB TOP SW COR CONC EWALL
47	BM	498226.331	290227.647	865.40	RR SPIKE PPOL #3E748A
309H	CP	497842.677	290133.764	*898.18	DOT CAPPED RB
357H	BM	498262	288826	919.93	DISK B-53-82
358H	BM	498087	288948	921.59	DISK B-53-81
359H	BM	497878	290029	897.58	CUT X NE SIGN BOLT SB 139 EXIT SIGN BASE FOR EXIT HWY 14/26
275	CP	497881.961	290549.933	900.89	MAG NAIL

2

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	BENCHMARKS, CONTROL POINTS AND BORING LOCATIONS	SHEET 1722	E

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1722A
November 28, 2018



CONTROL POINT LOCATIONS IN RELATION TO IH 39/90

POINT NAME	TYPE	X	Y	ELEV	DESCRIPTION
274	CP	497,892.223	290,949.728	903.73	MAG NAIL

NOTE:
THE COORDINATES ARE REFERENCED TO WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), ROCK COUNTY, NAD 1983 (2007).

VERTICAL DATUM BASED ON NAVD 88 (2007).

FOR INFORMATION ONLY. OFFICIAL SURVEY CONTROL SHALL BE OBTAINED FROM WISDOT PRIOR TO CONSTRUCTION.

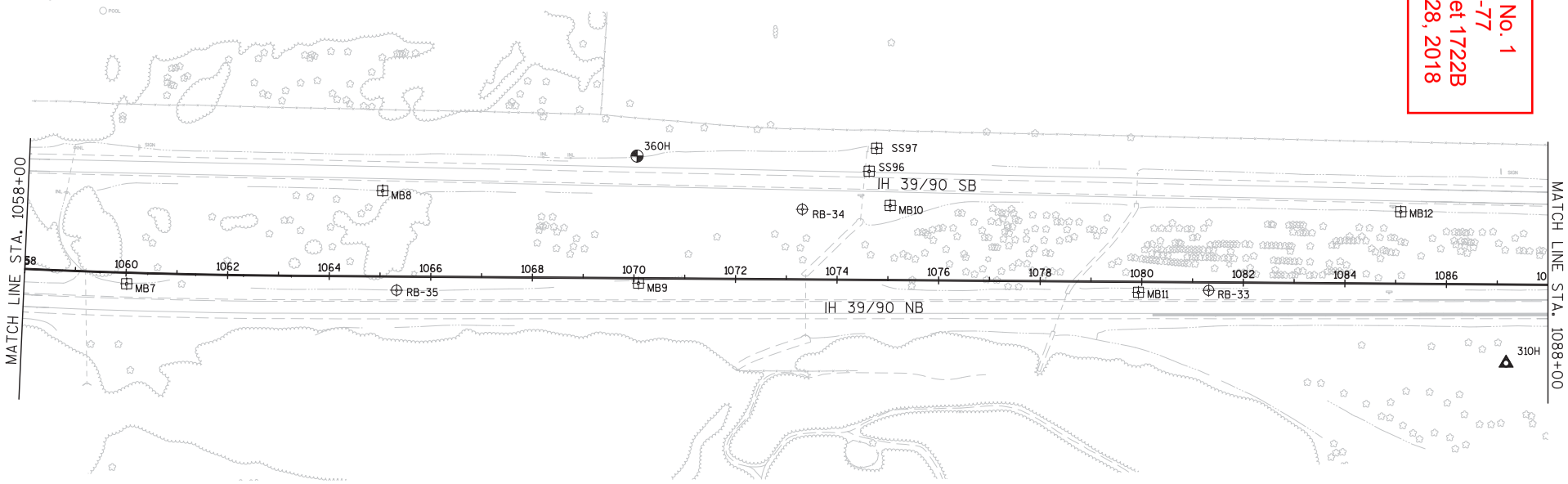
*GPS OBSERVED ELEVATION

LEGEND
- SOIL BORING
- MEDIAN/SIDE SLOPE TEST PIT
- BENCHMARK
- CONTROL POINT

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	BENCHMARKS, CONTROL POINTS AND BORING LOCATIONS	SHEET 1722A	E

2

Addendum No. 1
ID 1005-10-77
Added Sheet 1722B
November 28, 2018



CONTROL POINT LOCATIONS IN RELATION TO IH 39/90

POINT NAME	TYPE	X	Y	ELEV	DESCRIPTION
310H	CP	498,313.421	295,956.904	934.58	310H DOT CAPPED RB
360H	BM	497,918.000	294,243.000	926.97	360H CUT X NE SIGN BOLT SB I39 FOOD SIGN BASE

NOTE:
THE COORDINATES ARE REFERENCED TO WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), ROCK COUNTY, NAD 1983 (2007).

VERTICAL DATUM BASED ON NAVD 88 (2007).

FOR INFORMATION ONLY. OFFICIAL SURVEY CONTROL SHALL BE OBTAINED FROM WISDOT PRIOR TO CONSTRUCTION.

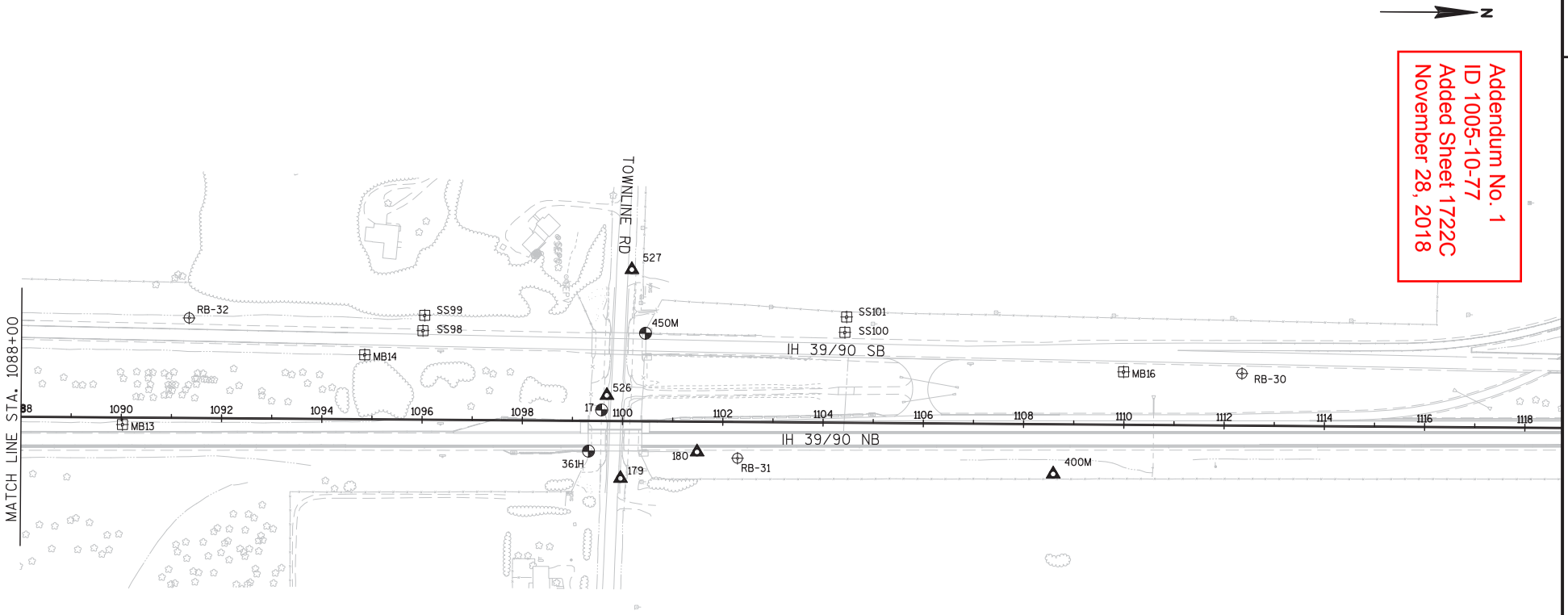
*GPS OBSERVED ELEVATION

LEGEND

- SOIL BORING
- MEDIAN/SIDE SLOPE TEST PIT
- BENCHMARK
- CONTROL POINT

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	BENCHMARKS, CONTROL POINTS AND BORING LOCATIONS	SHEET 1722B	E

Addendum No. 1
ID 1005-10-77
Added Sheet 1722C
November 28, 2018



CONTROL POINT LOCATIONS IN RELATION TO IH 39/90

POINT NAME	TYPE	X	Y	ELEV	DESCRIPTION
17	BM	498,136.625	297,196.494	930.75	CHIS SQ TOP W END RCCP
179	CP	498,272.987	297,234.968	*929.82	5/8 IN RB KL CAP
180	CP	498,219.081	297,387.464	*945.78	5/8 IN RB KL CAP
526	CP	498,107.557	297,206.817	930.25	5/8 IN RB KL CAP
527	CP	497,856.294	297,254.897	930.87	5/8 IN RB KL CAP
361H	BM	498,219.000	297,171.000	947.10	361H DISK B-53-80
400M	CP	498,257.902	298,098.196	936.56	400M 3/4 IN RB CAP
450M	BM	497,983.000	297,283.000	947.41	450M DISK B-53-79

NOTE:
THE COORDINATES ARE REFERENCED TO WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), ROCK COUNTY, NAD 1983 (2007).

VERTICAL DATUM BASED ON NAVD 88 (2007).

FOR INFORMATION ONLY. OFFICIAL SURVEY CONTROL SHALL BE OBTAINED FROM WISDOT PRIOR TO CONSTRUCTION.

*GPS OBSERVED ELEVATION

LEGEND

- SOIL BORING
- MEDIAN/SIDE SLOPE TEST PIT
- BENCHMARK
- CONTROL POINT

PROJECT NO: 1005-10-77	HWY: IH 39/90	COUNTY: ROCK	BENCHMARKS, CONTROL POINTS AND BORING LOCATIONS	SHEET 1722C	E

Addendum No. 1
ID 1005-10-77
Revised Sheet 1750
November 28, 2018

3

REMOVING SMALL PIPE CULVERTS AND ABANDONING SEWER

1005-10-77 CATEGORY 1000	LOCATION	STATION	OFFSET	203.0100 REMOVING SMALL PIPE CULVERTS (EACH)	204.0291.S ABANDONING SEWER (CY)	SIZE/TYPE	REMARKS
STAGE 2, PHASE 1							
	STH 26 NB ON-RAMP 'CA'	967+78'CA'	LT	1	-	24" CPRC	-
	KENNEDY ROAD	212+46'KY'	LT	2	-	30"x18" CPCM	-
	KENNEDY ROAD	216+81'KY'	LT	1	-	36" CPCM	-
	KENNEDY ROAD	217+83'KY'	LT	1	-	18" CPCM	-
	KENNEDY ROAD	217+84'KY'	LT	1	-	18" CPCM	-
	KENNEDY ROAD	218+08'KY'	LT	1	-	30"x42" CPCM	-
	BRENTWOOD AVENUE	11+79'BR'	LT	1	-	15" CPCM	-
	STAGE 2, PHASE 1 SUBTOTAL			8	0		
STAGE 2, PHASE 3							
	BEGIN PROJECT - USH 14	892+64	RT	1	-	24" CPCM	REMOVE 8' AND ENDWALL
	BEGIN PROJECT - USH 14	900+61'SB'	LT	1	-	18" CPCM	REMOVING ENDWALL ONLY
	STAGE 2, PHASE 3 SUBTOTAL			2	0		
STAGE 2, PHASE 4							
	BEGIN PROJECT - USH 14	910+99	RT	1	-	18" CPRC	REMOVING ENDWALL ONLY
	BEGIN PROJECT - USH 14	921+79	-	1	-	30" CPCM	REMOVE 94' AND ENDWALL
	USH 14 - RYAN ROAD	923+71	-	1	-	30" CPCM	REMOVE 73' AND ENDWALL
	RYAN ROAD - STH 26	958+82	-	1	-	30" CPCM	REMOVE 83' AND ENDWALL
	RYAN ROAD - STH 26	963+07	-	1	-	24" CPCM	REMOVE 110' AND ENDWALL
	STH 26 - WSOR	977+25	RT	1	-	18" CPRC	REMOVING ENDWALL ONLY
	WSOR - KENNEDY ROAD	1003+61	RT	1	-	24" CPRC	REMOVING ENDWALL ONLY
	WSOR - KENNEDY ROAD	1003+61	LT	1	-	24" CPRC	REMOVING ENDWALL ONLY
	USH 14 NB ON-RAMP 'HA'	922+94'HA'	RT	2	-	24" CPCM	-
	USH 14 NB ON-RAMP 'HA'	927+49'HA'	LT	1	-	30" CPCM	-
	USH 14 NB ON-RAMP 'HA'	928+20'HA'	RT	1	-	30" CPCM	-
	STH 26 NB OFF-RAMP 'CB'	957+24'CB'	RT	1	-	30" CPCM	-
	STAGE 2, PHASE 4 SUBTOTAL			13	0		
STAGE 3							
	BEGIN PROJECT - USH 14	892+64	LT	-	10	24" CPRC	-
	BEGIN PROJECT - USH 14	900+61	LT	1	-	18" CPCM	REMOVE 29' AND ENDWALL
	BEGIN PROJECT - USH 14	909+62	LT	1	-	36" CPRC	REMOVE 33' AND ENDWALL
	BEGIN PROJECT - USH 14	911+00	LT	1	-	18" CPRC	REMOVING ENDWALL ONLY
	BEGIN PROJECT - USH 14	914+75	LT	1	-	18" CPRC	REMOVING ENDWALL ONLY
	BEGIN PROJECT - USH 14	918+23	LT	1	-	18" CPRC	REMOVING ENDWALL ONLY
	WSOR - KENNEDY ROAD	1003+62	RT	-	14	24" CPRC	-
	USH 14 SB OFF-RAMP 'HC'	916+68'HC'	RT	1	-	24" CPRC	REMOVING ENDWALL ONLY
	USH 14 SB OFF-RAMP 'HC'	923+83'HC'	RT	2	-	18" CPCM	REMOVE 8' AND ENDWALL
	USH 14 SB OFF-RAMP 'HC'	924+45'HC'	LT	2	-	18" CPRC	REMOVING ENDWALLS ONLY
	STAGE 3 SUBTOTAL			10	24		
STAGE 4, PHASE 1							
	USH 14 - STH 26	935+25 - 938+00	LT	-	21	18" SSPRC	-
	USH 14 SB OFF-RAMP 'HD'	926+07'HD'	RT	1	-	18" CPRC	REMOVE 17' AND ENDWALL
	USH 14 SB OFF-RAMP 'HD'	929+22'HD'	RT	1	-	24" CPRC	REMOVING ENDWALL ONLY
	STAGE 4, PHASE 1 SUBTOTAL			2	21		
STAGE 4, PHASE 2							
	STH 26 - WSOR	982+57'SB'	-	1	-	42" CPCM	-
	STH 26 - WSOR	982+90	LT/RT	-	65	42" CPCM	-
	STH 26 - WSOR	983+05	RT	1	-	42" CPCM	REMOVE 25' AND ENDWALL
	WSOR - KENNEDY ROAD	983+26'SB'	-	1	-	24" CPCM	-
	WSOR - KENNEDY ROAD	983+40	LT/RT	-	23	24" CPCM	-
	WSOR - KENNEDY ROAD	983+65	RT	1	-	24" CPCM	REMOVE 27' AND ENDWALL
	WSOR - KENNEDY ROAD	983+65'SB'	RT	1	-	15" CPRC	REMOVE 10' AND ENDWALL
	WSOR - KENNEDY ROAD	988+76'SB'	RT	1	-	18" CPRC	REMOVE 10' AND ENDWALL
	WSOR - KENNEDY ROAD	991+20	RT	-	11	18" CPRC	-
	WSOR - KENNEDY ROAD	994+75	RT	-	5	18" CPRC	-
	WSOR - KENNEDY ROAD	994+75	RT	-	3	18" CPRC	-
	STH 26 SB OFF-RAMP 'CD'	970+03'CD'	RT	1	-	18" CPRC	REMOVE 32' AND ENDWALL
	KENNEDY ROAD	213+39'KY'	LT	2	-	24" CPRC	-
	STAGE 4, PHASE 2 SUBTOTAL			9	107		

REMOVING SMALL PIPE CULVERTS AND ABANDONING SEWER (CONTINUED)

1005-10-77 CATEGORY 1000	LOCATION	STATION	OFFSET	203.0100 REMOVING SMALL PIPE CULVERTS (EACH)	204.0291.S ABANDONING SEWER (CY)	SIZE/TYPE	REMARKS
STAGE 4, PHASE 3							
	BEGIN PROJECT - USH 14	900+61'SB'	LT	1	-	18" CPCM	-
	RYAN ROAD - STH 26	958+82'SB'	LT	1	-	36" CPCM	REMOVE 141' AND ENDWALL
	RYAN ROAD - STH 26	962+96'SB'	-	1	-	24" CPCM	-
	STH 26 - WSOR	975+64'SB'	LT	1	-	24" CPCM	-
	USH 14 SB ON-RAMP 'HC'	924+45'HC'	LT	2	-	18" CPRC	-
	USH 14 SB OFF-RAMP 'HD'	929+22'HD'	-	1	-	24" CPRC	REMOVE 75' AND ENDWALL
	STH 26 SB ON-RAMP 'CC'	957+53'CC'	-	1	-	24" CPCM	-
	STH 26 SB ON-RAMP 'CC'	961+56'CC'	-	1	-	24" CPRC	-
	STH 26 SB OFF-RAMP 'CD'	970+01'CD'	RT	1	-	18" CPRC	-
	STAGE 4, PHASE 3 SUBTOTAL			10	0		
STAGE 4, PHASE 4							
	BEGIN PROJECT - USH 14	884+73'SB'	LT	1	-	24" CPRC	REMOVE 78' AND ENDWALL
	BEGIN PROJECT - USH 14	917+56'SB'	LT	1	-	18" CPRC	-
	BEGIN PROJECT - USH 14	918+23'SB'	RT	1	-	15" CPRC	REMOVING ENDWALL ONLY
	BEGIN PROJECT - USH 14	922+08'SB'	-	1	-	30" CPCM	-
	USH 14 - RYAN ROAD	923+98'SB'	-	1	-	30" CPCM	-
	USH 14 - RYAN ROAD	938+07	RT	-	10	18" SSPRC	-
	RYAN ROAD - STH 26	956+00'SB'	-	1	-	15" CPRC	REMOVING ENDWALL ONLY
	RYAN ROAD - STH 26	956+00'SB'	LT	1	-	15" CPRC	REMOVING ENDWALL ONLY
	STH 26 - WSOR	967+00'SB'	-	1	-	18" CPRC	REMOVING ENDWALL ONLY
	USH 14 SB OFF-RAMP 'HD'	928+87'HD'	RT	1	-	24" CPRC	-
	STAGE 4, PHASE 4 SUBTOTAL			9	10		
STAGE 5							
	KENNEDY ROAD - END PROJECT	1078+25	LT	1	-	24" CPRC	REMOVE 30', SALVAGE ENDWALL
	STAGE 5			1	0		
STH 26 STAGE 2, PHASE 1							
	STH 26 NB ON-RAMP 'CA'	966+28'CA'	LT	1	-	30" CPCM	-
	STH 26	124+46'CW'	LT	1	-	24" CPCM	REMOVING ENDWALL ONLY
	STH 26 STAGE 2, PHASE 1 SUBTOTAL			2	0		
STH 26 STAGE 2, PHASE 3							
	STH 26 NB OFF-RAMP 'CB'	964+16'CB'	LT	1	-	30" CPCM	-
	STH 26	119+26'CW'	RT	1	-	30" CPCM	REMOVING ENDWALL ONLY
	STH 26 STAGE 2, PHASE 3 SUBTOTAL			2	0		
STH 26 STAGE 4, PHASE 1							
	STH 26 SB OFF-RAMP 'CD'	963+92'CD'	RT	1	-	24" CPCM	-
	STH 26	111+53'CE'	RT	1	-	18" CPRC	REMOVING ENDWALL ONLY
	STH 26	139+58'CE'	RT	1	-	30" CPRC	REMOVE 10' AND ENDWALL
	STH 26	140+70'CE'	RT	1	-	30" CPRC	REMOVE 10' AND ENDWALL
	STH 26	139+73'CW'	LT	1	-	30" CPRC	REMOVE 10' AND ENDWALL
	STH 26	140+87'CW'	LT	1	-	30" CPRC	REMOVE 5' AND ENDWALL
	STH 26 STAGE 4, PHASE 1 SUBTOTAL			6	0		
STH 26 STAGE 4, PHASE 2B							
	STH 26 NB ON-RAMP 'CAA'	966+04'CAA'	-	1	-	18" CPCM	-
	STH 26 STAGE 4, PHASE 2B SUBTOTAL			1	0		
STH 26 STAGE 4, PHASE 4A							
	STH 26	124+45'CE'	-	1	-	24" CPCM	REMOVE 86' AND ENDWALL
	STH 26 STAGE 4, PHASE 4A SUBTOTAL			1	0		
STH 26 STAGE 5, PHASE 1							
	STH 26 SB OFF-RAMP 'CDA'	962+70'CDA'	RT	-	11	24" SSPRC	-
	STH 26 STAGE 5, PHASE 1 SUBTOTAL			0	11		
	UNDISTRIBUTED			0	27		
	1005-10-77 PROJECT TOTAL			**76**	**200**		

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Addendum No. 1
ID 1005-10-77
Revised Sheet 1752
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REMOVING MANHOLES & INLETS

1005-10-77 CATEGORY 1000	LOCATION	STATION	OFFSET	204.0210 REMOVING MANHOLES (EACH)	204.0220 REMOVING INLETS (EACH)
STAGE 2, PHASE 1					
	BEGIN PROJECT - USH 14	906+56	RT	-	1
	BEGIN PROJECT - USH 14	906+59	LT	-	1
	BEGIN PROJECT - USH 14	908+72	RT	-	2
	BEGIN PROJECT - USH 14	911+77	RT	-	1
	STAGE 2, PHASE 1 SUBTOTAL			0	5
STAGE 2, PHASE 2					
	USH 14 WESTBOUND	254+55'HWA'	RT	-	1
	STAGE 2, PHASE 2 SUBTOTAL			0	1
STAGE 2, PHASE 4					
	BEGIN PROJECT - USH 14	906+00	RT	-	1
	BEGIN PROJECT - USH 14	908+50	RT	-	1
	BEGIN PROJECT - USH 14	909+62	LT	-	1
	BEGIN PROJECT - USH 14	912+50	LT	-	1
	BEGIN PROJECT - USH 14	915+01	LT	-	1
	USH 14 - RYAN ROAD	929+85	LT	-	1
	USH 14 - RYAN ROAD	940+25	LT	-	1
	USH 14 - RYAN ROAD	942+48	LT	-	1
	USH 14 - RYAN ROAD	944+52	LT	-	1
	RYAN ROAD - STH 26	961+88	RT	-	1
	KENNEDY ROAD - END PROJECT	1023+27	LT	-	1
	USH 14 NB OFF-RAMP 'HB'	914+88'HB'	LT	-	1
	USH 14 WESTBOUND	255+25'HWA'	LT	-	1
	USH 14 WESTBOUND	255+54'HWA'	LT	1	-
	USH 14 WESTBOUND	255+84'HWA'	LT	-	1
	STAGE 2, PHASE 4 SUBTOTAL			1	14
STAGE 3					
	BEGIN PROJECT - USH 14	890+19	LT	-	1
	BEGIN PROJECT - USH 14	891+00	LT	-	1
	BEGIN PROJECT - USH 14	892+62	LT	1	-
	BEGIN PROJECT - USH 14	894+00	LT	-	1
	BEGIN PROJECT - USH 14	896+47	LT	-	1
	BEGIN PROJECT - USH 14	897+74	LT	-	1
	BEGIN PROJECT - USH 14	906+00	LT	-	1
	BEGIN PROJECT - USH 14	908+50	LT	-	1
	WSOR - KENNEDY ROAD	987+00	RT	-	1
	WSOR - KENNEDY ROAD	988+75	RT	-	1
	WSOR - KENNEDY ROAD	989+50	RT	-	1
	WSOR - KENNEDY ROAD	1008+12	RT	-	1
	KENNEDY ROAD - END PROJECT	1021+77	RT	-	1
	KENNEDY ROAD - END PROJECT	1023+76	RT	-	1
	USH 14 EASTBOUND	245+29	RT	-	1
	STAGE 3 SUBTOTAL			1	14
STAGE 4, PHASE 1					
	STH 26 SB OFF-RAMP 'CD'	969+26'CD'	RT	-	1
	STAGE 4, PHASE 1 SUBTOTAL			0	1
STAGE 4, PHASE 2					
	USH 14 - RYAN ROAD	951+84'SB'	RT	-	1
	RYAN ROAD - STH 26	954+67'SB'	LT	-	1
	WSOR - KENNEDY ROAD	993+04'SB'	LT	-	1
	WSOR - KENNEDY ROAD	994+79'SB'	LT	-	1
	DEERFIELD DRIVE	49+45'DDN'	LT	-	2
	DEERFIELD DRIVE	49+47'DDS'	LT	-	2
	DEERFIELD DRIVE	51+22'DDS'	LT	-	1
	STAGE 4, PHASE 2 SUBTOTAL			0	9
STAGE 4, PHASE 3					
	RYAN ROAD - STH 26	962+85'SB'	LT	-	1
	STH 26 - WSOR	965+19'SB'	LT	-	1
	USH 14 SB ON-RAMP 'HC'	916+67'HC'	RT	-	1
	USH 14 SB ON-RAMP 'HC'	922+25'HC'	LT	-	1
	USH 14 SB OFF-RAMP 'HD'	926+10'HD'	RT	1	-
	USH 14 SB OFF-RAMP 'HD'	926+70'HD'	RT	-	1
	STH 26 SB OFF-RAMP 'CD'	962+52'CC'	LT	-	1
	STAGE 4, PHASE 3 SUBTOTAL			1	6

REMOVING MANHOLES & INLETS (CONTINUED)

1005-10-77 CATEGORY 1000	LOCATION	STATION	OFFSET	204.0210 REMOVING MANHOLES (EACH)	204.0220 REMOVING INLETS (EACH)
STAGE 4, PHASE 4					
	BEGIN PROJECT - USH 14	894+00'SB'	RT	-	1
	BEGIN PROJECT - USH 14	896+00'SB'	RT	-	1
	BEGIN PROJECT - USH 14	898+50'SB'	RT	-	1
	BEGIN PROJECT - USH 14	921+18'SB'	LT	-	1
	WSOR - KENNEDY ROAD	998+20'SB'	RT	-	1
	WSOR - KENNEDY ROAD	999+01'SB'	RT	-	1
	WSOR - KENNEDY ROAD	1003+25'SB'	RT	-	1
	WSOR - KENNEDY ROAD	1004+00'SB'	RT	-	1
	WSOR - KENNEDY ROAD	1008+25'SB'	RT	-	1
	WSOR - KENNEDY ROAD	1011+00'SB'	RT	-	1
	KENNEDY ROAD - END PROJECT	1022+00'SB'	RT	-	1
	KENNEDY ROAD - END PROJECT	1024+00'SB'	RT	-	1
	STAGE 4, PHASE 4 SUBTOTAL			0	12
STAGE 5					
	KENNEDY ROAD - END PROJECT	1081+50	LT	-	1
	KENNEDY ROAD - END PROJECT	1082+50	LT	-	1
	STAGE 5 SUBTOTAL			0	2
STH 26 STAGE 2, PHASE 1					
	STH 26 NORTHBOUND	117+67'CE'	LT	-	1
	STH 26 STAGE 2, PHASE 1 SUBTOTAL			0	1
STH 26 STAGE 2, PHASE 3					
	STH 26 NORTHBOUND	120+23'CE'	RT	-	1
	STH 26 NORTHBOUND	126+65'CE'	RT	-	1
	STH 26 STAGE 2, PHASE 3 SUBTOTAL			0	2
STH 26 STAGE 4, PHASE 2					
	STH 26 SOUTHBOUND	96+65'CW'	RT	-	1
	STH 26 SOUTHBOUND	97+37'CW'	RT	-	1
	KETTERING STREET	61+28'KT'	LT	-	1
	KETTERING STREET	65+66'KT'	LT	-	1
	KETTERING STREET	65+67'KT'	LT	-	1
	STH 26 STAGE 4, PHASE 2 SUBTOTAL			0	5
STH 26 STAGE 4, PHASE 2A					
	STH 26 SOUTHBOUND	101+25'CW'	LT	-	1
	STH 26 SOUTHBOUND	101+27'CW'	LT	-	1
	STH 26 SOUTHBOUND	107+01'CW'	LT	-	1
	STH 26 SOUTHBOUND	107+88'CW'	LT	-	1
	STH 26 SOUTHBOUND	108+05'CW'	LT	-	1
	STH 26 SOUTHBOUND	124+46'CW'	LT	1	-
	KETTERING STREET	61+26'KT'	RT	-	1
	KETTERING STREET	61+27'KT'	RT	1	-
	KETTERING STREET	63+13'KT'	RT	1	-
	STH 26 STAGE 4, PHASE 2A SUBTOTAL			3	6
STH 26 STAGE 4, PHASE 2B					
	STH 26 NORTHBOUND	119+09'CE'	LT	1	-
	STH 26 NORTHBOUND	120+31'CE'	LT	-	1
	STH 26 STAGE 4, PHASE 2B SUBTOTAL			1	1
STH 26 STAGE 4, PHASE 2C					
	KETTERING STREET	61+28'KT'	LT	-	1
	STH 26 STAGE 4, PHASE 2C SUBTOTAL			0	1
STH 26 STAGE 4, PHASE 3					
	STH 26 SOUTHBOUND	108+88'CW'	RT	-	1
	STH 26 SOUTHBOUND	130+48'CW'	RT	-	1
	STH 26 STAGE 4, PHASE 3 SUBTOTAL			0	2
STH 26 STAGE 4, PHASE 4					
	STH 26 SOUTHBOUND	119+04'CW'	RT	1	-
	KETTERING STREET	63+66'KT'	LT	1	-
	KETTERING STREET	64+28'KT'	LT	1	-
	KETTERING STREET	64+97'KT'	LT	-	1
	KETTERING STREET	65+23'KT'	LT	-	1
	STH 26 STAGE 4, PHASE 4 SUBTOTAL			3	2

REMOVING MANHOLES & INLETS (CONTINUED)

1005-10-77 CATEGORY 1000	LOCATION	STATION	OFFSET	204.0210 REMOVING MANHOLES (EACH)	204.0220 REMOVING INLETS (EACH)
STH 26 STAGE 4, PHASE 4A					
	STH 26 NORTHBOUND	101+02'CE'	LT	-	1
	STH 26 NORTHBOUND	101+02'CE'	RT	1	-
	STH 26 SOUTHBOUND	111+24'CW'	LT	-	1
	STH 26 STAGE 4, PHASE 4A SUBTOTAL			1	2
STH 26 STAGE 4, PHASE 4B					
	KETTERING STREET	64+96'KT'	LT	-	1
	KETTERING STREET	64+97'KT'	LT	-	1
	STH 26 STAGE 4, PHASE 4B SUBTOTAL			0	2
STH 26 STAGE 4, PHASE 4C					
	STH 26 NORTHBOUND	100+42'CE'	RT	-	1
	STH 26 NORTHBOUND	100+43'CE'	RT	-	1
	KETTERING STREET	64+87'KT'	RT	1	-
	KETTERING STREET	65+66'KT'	RT	-	1
	EAST FRONTAGE ROAD	40+94'EFR'	RT	-	1
	EAST FRONTAGE ROAD	41+14'EFR'	LT	-	1
	STH 26 STAGE 4, PHASE 4C SUBTOTAL			1	5
STH 26 STAGE 5, PHASE 1					
	STH 26 NORTHBOUND	108+93'CE'	LT	1	-
	STH 26 NORTHBOUND	120+28'CE'	LT	1	-
	STH 26 STAGE 5, PHASE 1 SUBTOTAL			2	0
	1005-10-77 PROJECT TOTAL			**14**	**93**

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PROJECT NO: 1005-10-77, -83	HWY: IH 39/90	COUNTY: ROCK	MISCELLANEOUS QUANTITIES	SHEET 1752	E

FILE NAME: G:\G:\WDOTSW\WSW10-11032\PS&E\10051077 North Janesville\Final\Estimate ORIGINATOR: KL ENGINEERING, INC. ORIG. DATE: REV. DATE: PRINT DATE: November 27, 2018

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REMOVING PAVEMENT

1005-10-77 CATEGORY 1000	LOCATION	STATION - STATION	204.0100 REMOVING PAVEMENT (SY)
STAGE 2, PHASE 1			
	BEGIN PROJECT - USH 14	869+00 'NB' - 922+00 'NB'	6,822
	USH 14 - RYAN ROAD	922+00 'NB' - 953+00 'NB'	80
	STH 26 - WSOR	965+00 'NB' - 983+00 'NB'	4,872
	WSOR - KENNEDY ROAD	983+00 'NB' - 1015+00 'NB'	4,553
	KENNEDY ROAD - END PROJECT	1015+00 'NB' - 1032+00 'NB'	492
	STAGE 2, PHASE 1 SUBTOTAL		16,819
STAGE 2, PHASE 2			
	BEGIN PROJECT - USH 14	869+00 'NB' - 922+00 'NB'	2,402
	STAGE 2, PHASE 2 SUBTOTAL		2,402
STAGE 2, PHASE 3			
	BEGIN PROJECT - USH 14	869+00 'NB' - 922+00 'NB'	7,832
	STAGE 2, PHASE 3 SUBTOTAL		7,832
STAGE 2, PHASE 4			
	BEGIN PROJECT - USH 14	869+00 'NB' - 922+00 'NB'	3,028
	USH 14 - RYAN ROAD	922+00 'NB' - 953+00 'NB'	15,508
	RYAN ROAD - STH 26	953+00 'NB' - 965+00 'NB'	4,026
	STH 26 - WSOR	965+00 'NB' - 983+00 'NB'	3,016
	WSOR - KENNEDY ROAD	983+00 'NB' - 1015+00 'NB'	8,268
	KENNEDY ROAD - END PROJECT	1015+00 'NB' - 1032+00 'NB'	2,122
	STAGE 2, PHASE 4 SUBTOTAL		35,968
STAGE 3			
	BEGIN PROJECT - USH 14	869+00 'NB' - 922+00 'NB'	2,555
	KENNEDY ROAD - END PROJECT	1015+00 'NB' - 1032+00 'NB'	571
	STAGE 3 SUBTOTAL		3,126
STAGE 4, PHASE 1			
	USH 14 - RYAN ROAD	922+00 'NB' - 953+00 'NB'	2,445
	STH 26 - WSOR	965+00 'NB' - 983+00 'NB'	1,760
	STAGE 4, PHASE 1 SUBTOTAL		4,205
STAGE 4, PHASE 2			
	RYAN ROAD - STH 26	953+00 'NB' - 965+00 'NB'	981
	STH 26 - WSOR	965+00 'NB' - 983+00 'NB'	9,005
	STAGE 4, PHASE 2 SUBTOTAL		9,986
STAGE 4, PHASE 3			
	BEGIN PROJECT - USH 14	869+00 'NB' - 922+00 'NB'	7,408
	USH 14 - RYAN ROAD	922+00 'NB' - 953+00 'NB'	9,749
	RYAN ROAD - STH 26	953+00 'NB' - 965+00 'NB'	3,745
	STH 26 - WSOR	965+00 'NB' - 983+00 'NB'	1,596
	STAGE 4, PHASE 3 SUBTOTAL		22,496
STAGE 4, PHASE 4			
	BEGIN PROJECT - USH 14	869+00 'NB' - 922+00 'NB'	8,282 *
	USH 14 - RYAN ROAD	922+00 'NB' - 953+00 'NB'	516
	WSOR - KENNEDY ROAD	983+00 'NB' - 1015+00 'NB'	3,813
	KENNEDY ROAD - END PROJECT	1015+00 'NB' - 1032+00 'NB'	4,228
	STAGE 4, PHASE 4 SUBTOTAL		16,839

1005-10-77 CATEGORY 1000	LOCATION	STATION - STATION	204.0100 REMOVING PAVEMENT (SY)
STH 26 STAGE 2, PHASE 1			
	STH 26	95+00 'CE' - 144+00 'CE'	257
	STH 26 STAGE 2, PHASE 1 SUBTOTAL		257
STH 26 STAGE 2, PHASE 3			
	STH 26	95+00 'CE' - 144+00 'CE'	80
	STH 26 STAGE 2, PHASE 3 SUBTOTAL		80
STH 26 STAGE 4, PHASE 1			
	STH 26	95+00 'CE' - 144+00 'CE'	948
	STH 26 STAGE 4, PHASE 1 SUBTOTAL		948
STH 26 STAGE 4, PHASE 2			
	STH 26	95+00 'CE' - 144+00 'CE'	1,453
	STH 26 STAGE 4, PHASE 2 SUBTOTAL		1,453
STH 26 STAGE 4, PHASE 2A			
	STH 26	95+00 'CE' - 144+00 'CE'	15,527
	STH 26 STAGE 4, PHASE 2A SUBTOTAL		15,527
STH 26 STAGE 4, PHASE 2B			
	STH 26	95+00 'CE' - 144+00 'CE'	1,156
	STH 26 STAGE 4, PHASE 2B SUBTOTAL		1,156
STH 26 STAGE 4, PHASE 2C			
	STH 26	95+00 'CE' - 144+00 'CE'	300
	STH 26 STAGE 4, PHASE 2C SUBTOTAL		300
STH 26 STAGE 4, PHASE 3			
	STH 26	95+00 'CE' - 144+00 'CE'	1,413
	STH 26 STAGE 4, PHASE 3 SUBTOTAL		1,413
STH 26 STAGE 4, PHASE 4			
	STH 26	95+00 'CE' - 144+00 'CE'	883
	STH 26 STAGE 4, PHASE 4 SUBTOTAL		883
STH 26 STAGE 4, PHASE 4A			
	STH 26	95+00 'CE' - 144+00 'CE'	9,364
	STH 26 STAGE 4, PHASE 4A SUBTOTAL		9,364
STH 26 STAGE 4, PHASE 4B			
	STH 26	95+00 'CE' - 144+00 'CE'	227
	STH 26 STAGE 4, PHASE 4B SUBTOTAL		227
STH 26 STAGE 4, PHASE 4C			
	STH 26	95+00 'CE' - 144+00 'CE'	910
	STH 26 STAGE 4, PHASE 4C SUBTOTAL		910
STH 26 STAGE 5, PHASE 1			
	STH 26	95+00 'CE' - 144+00 'CE'	63
	STAGE 5, PHASE 1 SUBTOTAL		63
	UNDISTRIBUTED		746
	1005-10-77 PROJECT TOTAL		**153,000**

REMOVING CONCRETE SIDEWALK

1005-10-77 CATEGORY 1000	LOCATION	STATION - STATION	OFFSET	204.0155 (SY)
STAGE 2, PHASE 1				
	USH 14 - RYAN ROAD	937+16 - 953+19	RT	913
	RYAN ROAD - STH 26	953+19 - 956+24	RT	184
	STAGE 2, PHASE 1 SUBTOTAL			1,097
STAGE 4, PHASE 2				
	USH 14 - RYAN ROAD	938+49 - 938+63	RT	8
	DEERFIELD DRIVE	49+45'DDN' - 51+04'DDN'	RT	34
	RYAN ROAD	10+67'RY' - 10+72'RY'	LT	7
	STAGE 4, PHASE 2 SUBTOTAL			49
STH 26 STAGE 2, PHASE 1				
	STH 26	117+57'CE' - 118+13'CE'	LT	42
	STH 26	123+63'CE' - 123+83'CE'	LT	12
	STH 26 STAGE 2, PHASE 1 SUBTOTAL			54
STH 26 STAGE 4, PHASE 1				
	STH 26	117+48'CW' - 117+63'CW'	LT	43
	STH 26 STAGE 4, PHASE 1 SUBTOTAL			43
STH 26 STAGE 4, PHASE 2				
	STH 26	107+55'CE' - 107+99'CE'	RT	36
	STH 26 STAGE 4, PHASE 2 SUBTOTAL			36
STH 26 STAGE 4, PHASE 2A				
	STH 26	98+95'CW' - 100+81'CW'	LT	38
	KETTERING STREET	60+64'KT' - 61+62'KT'	RT	54
	WEST FRONTAGE ROAD	81+00'WFR' - 82+52'WFR'	LT	84
	STH 26 STAGE 4, PHASE 2A SUBTOTAL			176
STH 26 STAGE 4, PHASE 4C				
	STH 26	99+25'CE' - 100+47'CE'	RT	83
	STH 26 STAGE 4, PHASE 4C SUBTOTAL			83
	UNDISTRIBUTED			37
	1005-10-77 PROJECT TOTAL			**1,575**

REMOVING ASPHALTIC SURFACE

1005-10-77 CATEGORY 1000	LOCATION	STATION - STATION	204.0110* (SY)
STAGE 1			
	USH 14 - RYAN ROAD	923+00 - 953+00	104
	RYAN ROAD - STH 26	953+00 - 964+00	5
	STH 26 - WSOR	964+00 - 983+00	34
	WSOR - KENNEDY ROAD	983+00 - 1015+50	42
	KENNEDY ROAD - END PROJECT	1015+50 - 1032+00	16
	STAGE 1 SUBTOTAL		200
STAGE 6			
	WSOR - KENNEDY ROAD	1012+31 - 1015+11	67
	KENNEDY ROAD - END PROJECT	1016+65 - 1018+34	36
	KENNEDY ROAD - END PROJECT	1030+45 - 1042+00	237
	STAGE 6 SUBTOTAL		340
	1005-10-77 PROJECT TOTAL		**540**

* ADDITIONAL QUANTITY FOUND IN "REMOVING ASPHALTIC SURFACE" TABLE IN 1005-10-83 PROJECT

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ID 1005-10-77
Revised Sheet 1753
November 28, 2018

REMOVING CONCRETE BARRIER

1005-10-77 CATEGORY 1000	LOCATION	STATION - STATION	OFFSET	204.0157 REMOVING CONCRETE BARRIER (LF)
STH 26 STAGE 4, PHASE 2A				
	STH 26	113+45'CE' - 115+48'CE'	LT	205
	STH 26 STAGE 4, PHASE 2A SUBTOTAL			205
	1005-10-77 PROJECT TOTAL			**205**

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Addendum No. 1
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REMOVING STORM SEWER

LOCATION	STATION	OFFSET	204.0245.001 12-INCH (LF)	204.0245.002 15-INCH (LF)	204.0245.003 18-INCH (LF)	204.0245.004 24-INCH (LF)	204.0245.005 19x30-INCH (LF)	204.0245.006 30-INCH (LF)	204.0245.007 36-INCH (LF)	204.0245.008 42-INCH (LF)
1005-10-77										
CATEGORY 1000										
STAGE 2, PHASE 1										
BEGIN PROJECT - USH 14	906+53	-	23	-	-	-	-	-	-	-
BEGIN PROJECT - USH 14	906+58 - 908+71	LT	303	-	-	-	-	-	-	-
BEGIN PROJECT - USH 14	911+67 - 911+72	RT	-	-	-	52	-	-	-	-
STAGE 2, PHASE 1 SUBTOTAL			326	0	0	52	0	0	0	0
STAGE 2, PHASE 2										
USH 14	254+17'HEA' - 254+47'HEA'	LT	-	-	30	-	-	-	-	-
STAGE 2, PHASE 2 SUBTOTAL			0	0	30	0	0	0	0	0
STAGE 2, PHASE 3										
BEGIN PROJECT - USH 14	909+61	RT	-	-	-	-	-	-	53	-
USH 14 NB OFF-RAMP 'HB'	917+64'HB' - 917+68'HB'	LT	-	-	-	23	-	-	-	-
STAGE 2, PHASE 3 SUBTOTAL			0	0	0	23	0	0	53	0
STAGE 2, PHASE 4										
BEGIN PROJECT - USH 14	908+49 - 915+01	LT	118	-	539	-	-	-	-	-
USH 14 - RYAN ROAD	929+79	-	-	-	100	-	-	-	-	-
USH 14 - RYAN ROAD	938+10 - 944+50	LT	-	-	629	-	-	-	-	-
RYAN ROAD - STH 26	961+92 - 962+01	RT	-	-	29	-	-	-	-	-
KENNEDY ROAD - END PROJECT	1023+27 - 1025+00	-	-	-	-	173	-	-	-	-
USH 14 NB ON-RAMP 'HA'	920+10'HA'	RT	-	-	17	-	-	-	-	-
USH 14 NB ON-RAMP 'HA'	919+77'HA' - 920+09'HA'	RT	-	40	-	-	133	-	-	-
USH 14 NB ON-RAMP 'HA'	929+49'HA' - 930+41'HA'	-	-	-	-	-	-	-	-	140
USH 14 NB OFF-RAMP 'HB'	914+72'HB' - 914+85'HB'	LT	-	-	-	35	-	-	-	-
USH 14 NB OFF-RAMP 'HB'	918+83'HB' - 919+46'HB'	LT	-	-	-	50	-	-	44	44
STAGE 2, PHASE 4 SUBTOTAL			118	40	1,314	258	133	0	44	184
STAGE 3										
BEGIN PROJECT - USH 14	886+74 - 887+03	LT	-	-	29	-	-	-	-	-
BEGIN PROJECT - USH 14	889+50 - 897+74	LT	-	-	824	20	-	-	-	-
WSOR - KENNEDY ROAD	988+75 - 989+50	RT	-	-	75	-	-	-	-	-
USH 14 SB ON-RAMP 'HC'	924+72'HC' - 925+04'HC'	LT	-	46	-	-	-	-	-	-
STAGE 3 SUBTOTAL			0	46	928	20	0	0	0	0
STAGE 4, PHASE 1										
STH 26 SB OFF-RAMP 'CD'	968+79'CD' - 970+07'CD'	RT	-	-	-	120	-	-	-	-
STAGE 4, PHASE 1 SUBTOTAL			0	0	0	120	0	0	0	0
STAGE 4, PHASE 2										
USH 14 - RYAN ROAD	951+87'SB'	-	-	-	139	-	-	-	-	-
RYAN ROAD - STH 26	953+18'SB' - 955+67'SB'	LT	-	-	251	-	-	-	-	-
WSOR - KENNEDY ROAD	993+05'SB' - 994+84'SB'	LT	-	-	197	-	-	-	-	-
DEERFIELD DRIVE	49+45'DDN' - 51+22'DDN'	LT	45	-	-	-	-	-	-	-
STAGE 4, PHASE 2 SUBTOTAL			45	0	587	0	0	0	0	0
STAGE 4, PHASE 3										
BEGIN PROJECT - USH 14	903+46'SB'	RT	-	12	-	-	-	-	-	-
BEGIN PROJECT - USH 14	909+60'SB'	LT	-	-	-	-	-	-	79	-
RYAN ROAD - STH 26	962+81'SB'	LT	-	-	-	36	-	-	-	-
STH 26 - WSOR	965+12'SB'	LT	-	-	-	42	-	-	-	-
STH 26 - WSOR	972+14'SB' - 972+69'SB'	LT	-	-	64	-	-	-	-	-
USH 14 SB ON-RAMP 'HC'	916+30'HC' - 916+63'HC'	-	-	-	-	89	-	-	-	-
USH 14 SB ON-RAMP 'HC'	922+26'HC'	LT	44	-	-	-	-	-	-	-
USH 14 SB OFF-RAMP 'HD'	926+15'HD' - 926+41'HD'	-	-	-	203	-	-	-	-	-
USH 14 SB OFF-RAMP 'HD'	926+47'HD' - 926+67'HD'	LT	-	-	-	73	-	-	-	-
USH 14 SB OFF-RAMP 'HD'	926+54'HD' - 926+66'HD'	RT	21	-	-	-	-	-	-	-
STAGE 4, PHASE 3 SUBTOTAL			65	12	267	240	0	0	79	0
STAGE 4, PHASE 4										
BEGIN PROJECT - USH 14	886+87'SB'	RT	-	-	-	26	-	-	-	-
BEGIN PROJECT - USH 14	892+63'SB'	-	-	-	-	93	-	-	-	-
BEGIN PROJECT - USH 14	906+21'SB'	-	55	-	-	-	-	-	-	-
BEGIN PROJECT - USH 14	911+00'SB'	RT	-	-	31	-	-	-	-	-
BEGIN PROJECT - USH 14	914+75'SB'	RT	-	-	13	-	-	-	-	-
BEGIN PROJECT - USH 14	921+14'SB' - 921+25'SB'	LT	49	-	-	-	-	-	-	-
WSOR - KENNEDY ROAD	998+00'SB' - 998+20'SB'	RT	20	-	-	-	-	-	-	-
WSOR - KENNEDY ROAD	998+20'SB' - 999+01'SB'	RT	81	-	-	-	-	-	-	-
STAGE 4, PHASE 4 SUBTOTAL			205	0	44	119	0	0	0	0
STAGE 5										
KENNEDY ROAD - END PROJECT	1078+92 - 1081+50	LT	-	-	-	266	-	-	-	-
STAGE 5 SUBTOTAL			0	0	0	266	0	0	0	0

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LOCATION	STATION	OFFSET	204.0245.001 12-INCH (LF)	204.0245.002 15-INCH (LF)	204.0245.003 18-INCH (LF)	204.0245.004 24-INCH (LF)	204.0245.005 19x30-INCH (LF)	204.0245.006 30-INCH (LF)	204.0245.007 36-INCH (LF)	204.0245.008 42-INCH (LF)
1005-10-77										
CATEGORY 1000										
STH 26 STAGE 2, PHASE 1										
STH 26	117+69'CE' - 117+88'CE'	LT	24	-	-	-	-	-	-	-
STH 26 STAGE 2, PHASE 1 SUBTOTAL			24	0	0	0	0	0	0	0
STH 26 STAGE 2, PHASE 3										
STH 26	126+63'CE'	RT	15	-	-	-	-	-	-	-
STH 26 NB OFF-RAMP 'CB'	966+42'CB'	-	137	-	-	-	-	-	-	-
STH 26 STAGE 2, PHASE 3 SUBTOTAL			152	0	0	0	0	0	0	0
STH 26 STAGE 4, PHASE 1										
STH 26	108+93'CE' - 109+03'CE'	LT	-	-	-	12	-	-	-	-
STH 26 STAGE 4, PHASE 1 SUBTOTAL			0	0	0	12	0	0	0	0
STH 26 STAGE 4, PHASE 2A										
STH 26	100+83'CW' - 101+33'CW'	LT	17	13	-	-	-	45	-	-
STH 26	106+85'CW' - 108+49'CW'	LT	178	-	-	43	-	-	-	-
STH 26	111+52'CE'	-	-	-	114	-	-	-	-	-
STH 26	124+44'CW' - 125+78'CW'	LT	-	-	-	209	-	-	-	-
STH 26	127+38'CW' - 129+33'CW'	LT	-	-	-	-	-	195	-	-
KETTERING STREET	60+83'KT' - 62+15'KT'	RT	33	-	32	-	-	129	-	-
STH 26 STAGE 4, PHASE 2A SUBTOTAL			228	13	146	252	0	369	0	0
STH 26 STAGE 4, PHASE 2B										
STH 26	108+92'CE' - 109+21'CE'	LT	41	-	-	-	-	-	-	-
STH 26	118+52'CE' - 119+30'CE'	LT	-	-	96	-	-	-	-	-
STH 26	119+07'CE' - 119+40'CE'	-	-	-	-	-	-	116	-	-
STH 26	119+40'CE' - 120+30'CE'	-	-	95	-	-	-	-	-	-
KETTERING STREET	61+29'KT'	LT	14	-	-	-	-	-	-	-
KETTERING STREET	62+09'KT'	LT	-	-	14	-	-	-	-	-
STH 26 STAGE 4, PHASE 2B SUBTOTAL			55	95	110	0	0	116	0	0
STH 26 STAGE 4, PHASE 2C										
KETTERING STREET	61+03'KT' - 61+28'KT'	LT	25	-	-	-	-	-	-	-
KETTERING STREET	61+28'KT'	LT	17	-	-	-	-	-	-	-
KETTERING STREET	62+05'KT'	LT	-	-	25	-	-	-	-	-
STH 26 STAGE 4, PHASE 2C SUBTOTAL			42	0	25	0	0	0	0	0
STH 26 STAGE 4, PHASE 3										
STH 26	108+88'CW' - 109+19'CW'	RT	32	-	-	-	-	-	-	-
STH 26	130+48'CE'	LT	-	-	28	-	-	-	-	-
STH 26 STAGE 4, PHASE 3 SUBTOTAL			32	0	28	0	0	0	0	0
STH 26 STAGE 4, PHASE 4										
STH 26	118+67'CW' - 119+41'CW'	RT	-	-	36	-	-	145	-	-
STH 26	130+48'CE'	RT	-	-	53	-	-	-	-	-
KETTERING STREET	63+67'KT' - 64+15'KT'	LT	-	-	-	87	-	-	-	-
KETTERING STREET	64+30'KT' - 65+21'CW'	LT	93	4	-	-	-	-	-	-
STH 26 STAGE 4, PHASE 4 SUBTOTAL			93	4	89	87	0	145	0	0
STH 26 STAGE 4, PHASE 4A										
STH 26	100+57'CE' - 104+63'CE'	LT	426	-	-	-	-	-	-	-
STH 26	100+82'CE' - 101+01'CE'	RT	-	79	-	-	-	-	-	-
STH 26	111+21'CW' - 111+63'CW'	-	-	-	136	-	-	-	-	-
KETTERING STREET	63+70'KT'	LT	-	-	-	11	-	-	-	-
KETTERING STREET	63+80'KT'	RT	-	-	-	10	-	-	-	-
KETTERING STREET	64+30'KT'	LT	-	11	-	-	-	-	-	-
STH 26 STAGE 4, PHASE 4A SUBTOTAL			426	90	136	21	0	0	0	0
STH 26 STAGE 4, PHASE 4B										
KETTERING STREET	63+71'KT'	-	-	-	-	36	-	-	-	-
KETTERING STREET	64+30'KT'	LT	-	36	-	-	-	-	-	-
KETTERING STREET	64+90'KT' - 65+00'KT'	-	25	-	-	-	-	-	-	-
STH 26 STAGE 4, PHASE 4B SUBTOTAL			25	36	0	36	0	0	0	0
STH 26 STAGE 4, PHASE 4C										
STH 26	100+25'CE' - 100+82'CE'	RT	18	84	-	-	-	-	-	-
KETTERING STREET	63+74'KT'	RT	-	-	-	60	-	-	-	-
KETTERING STREET	64+25'KT'	RT	-	-	-	26	-	-	-	-
KETTERING STREET	64+30'KT'	RT	-	38	-	-	-	-	-	-
KETTERING STREET	64+30'KT' - 64+85'KT'	RT	-	40	63	-	-	-	-	-
KETTERING STREET	64+85'KT' - 65+43'KT'	RT	6	-	57	-	-	-	-	-
KETTERING STREET	65+64'KT'	RT	5	-	-	-	-	-	-	-
STH 26 STAGE 4, PHASE 4C SUBTOTAL			29	162	120	86	0	0	0	0
STH 26 STAGE 5, PHASE 1										
STH 26	108+90'CE' - 109+70'CE'	LT	24	-	-	81	-	-	-	-
STH 26	118+96'CE' - 120+28'CE'	LT	-	-	133	-	-	-	-	-
STH 26 STAGE 5, PHASE 1 SUBTOTAL			24	0	133	81	0	0	0	0
1005-10-77 PROJECT TOTAL			**1,889**	**498**	**3,957**	**1,673**	**133**	**630**	**176**	**184**

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PROJECT NO: 1005-10-77, -83	HWY: IH 39/90	COUNTY: ROCK	MISCELLANEOUS QUANTITIES	SHEET 1756	E

FILE NAME: G:\G:\WDOTSW\WSW10-11032\PS&E\10051077 North Janesville\Final\Estimate ORIGINATOR: KL ENGINEERING, INC. ORIG. DATE: REV. DATE: PRINT DATE: November 28, 2018

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EXCAVATION SUMMARY

1005-10-77 CATEGORY	FROM / TO STATION	DIVISION	LOCATION / CONSTRUCTION STAGE	CONSTRUCTION STAGE	CUT (2)	205.0100 EXCAVATION COMMON (1) (CY) EBS EXCAVATION (3)(8)	208.1100 SELECT BORROW (CY) (6)	645.0220 GEOGRID TYPE SR (SY) (7)	UNEXPANDED FILL	SPV.0035.001 ROADWAY EMBANKMENT (CY) (4)	MASS ORDINATE +/- (5)	COMMENT:
	875+27'SB' - 1032+00'SB'	4-4-1	IH 39/90 SOUTHBOUND 'SB'	STAGE 4 PHASE 1-4	54,021	7,392	7,392	2,218	80,710	80,710	-26,689	
	249+08'HEA' - 250+82'HEA'	4-4-2	USH 14 EASTBOUND 'HEA'	STAGE 4 PHASE 1-4	90	9	9	3	0	0	90	Excess Available Material used within Division 4-4
	248+03'HWA' - 249+81'HWA'	4-4-3	USH 14 WESTBOUND 'HWA'	STAGE 4 PHASE 1-4	93	9	9	3	0	0	93	Excess Available Material used within Division 4-4
	75+00'ITD' - 76+51'ITD'	4-4-4	ITS DRIVEWAY 'ITD'	STAGE 4 PHASE 1-4	209	21	21	6	81	81	128	Excess Available Material used within Division 4-4
	975+72'SB' - 981+76'SB'	4-4-5	IH 39/90 SOUTHBOUND 'SB'	STAGE 4 PHASE 2-4	495	49	49	15	2,294	2,294	-1,799	
	972+15'SB' - 977+37'SB'	4-4-6	IH 39/90 SOUTHBOUND 'SB'	STAGE 4 PHASE 3-4	1,406	141	141	42	1,330	1,330	76	Excess Available Material used within Division 4-4
	902+61'SB' - 936+96'SB'	4-4-7	IH 39/90 SOUTHBOUND 'SB'	STAGE 4 PHASE 4	4,221	422	422	127	33,287	33,287	-29,066	
	916+00'HC' - 921+24'HC'	4-4-8	USH 14 SOUTHBOUND ON-RAMP 'HC'	STAGE 4 PHASE 4	2,949	295	295	88	120	120	2,829	Excess Available Material used within Division 4-4
DIV. 4-4	927+39'HD' - 930+66'HD'	4-4-9	USH 14 SOUTHBOUND OFF-RAMP 'HD'	STAGE 4 PHASE 4	1,899	190	190	57	17	17	1,882	Excess Available Material used within Division 4-4
	965+13'CB' - 966+83'CB'	4-4-10	STH 26 NORTHBOUND OFF-RAMP 'CB'	STAGE 4 PHASE 4	322	32	32	10	178	178	144	Excess Available Material used within Division 4-4
	963+10'CBA' - 966+21'CBA'	4-4-11	STH 26 NORTHBOUND OFF-RAMP 'CBA'	STAGE 4 PHASE 4	549	55	55	16	729	729	-181	
	120+20'CE' - 133+87'CE'	4-4-12	STH 26 NORTHBOUND 'CE'	STAGE 4 PHASE 4	1,139	114	114	34	85	85	1,054	Excess Available Material used within Division 4-4
	118+35'CW' - 120+49'CW'	4-4-13	STH 26 SOUTHBOUND 'CW'	STAGE 4 PHASE 4	171	17	17	5	532	532	-362	
	118+52'CW' - 121+63'CW'	4-4-14	TEMPORARY PAVEMENT 'CW'	STAGE 4 PHASE 4	58	6	6	2	100	100	-42	
	248+70'HEA' - 250+30'HEA'	4-4-15	USH 14 EASTBOUND 'HEA'	STAGE 4 PHASE 4	115	12	12	3	11	11	104	Excess Available Material used within Division 4-4
	249+00'HWA' - 252+00'HWA'	4-4-16	USH 14 WESTBOUND 'HWA'	STAGE 4 PHASE 4	207	21	21	6	35	35	172	Excess Available Material used within Division 4-4
	63+50'KT' - 65+44'KT'	4-4-17	KETTERING STREET 'KT'	STAGE 4 PHASE 4	465	47	47	14	85	85	381	Excess Available Material used within Division 4-4
	5+12'DNS' - 6+43'DNS'	4-4-18	STH 26 NB OFF-RAMP SIDEWALK 'DNS'	STAGE 4 PHASE 4	12	1	1	0	121	121	-110	
			DIV 4-4 SUBTOTAL		68,420	8,832	8,832	2,650	119,716	119,716	-51,295	
	961+56'CC' - 964+83'CC'	4-4A-1	STH 26 SOUTHBOUND ON-RAMP 'CC'	STAGE 4 PHASE 4A	931	93	93	28	106	106	825	Excess Available Material used within Division 4-4A
	961+57'CCA' - 964+13'CCA'	4-4A-2	STH 26 SOUTHBOUND ON-RAMP 'CCA'	STAGE 4 PHASE 4A	271	27	27	8	421	421	-150	
	100+42'CE' - 136+90'CE'	4-4A-3	STH 26 NORTHBOUND 'CE'	STAGE 4 PHASE 4A	8,590	859	859	258	2,724	2,724	5,866	Excess Available Material used within Division 4-4A
DIV. 4-4A	108+95'CW' - 133+11'CW'	4-4A-4	STH 26 SOUTHBOUND 'CW'	STAGE 4 PHASE 4A	4,269	427	427	128	6,027	6,027	-1,758	
	40+44'EFR' - 41+44'EFR'	4-4A-5	STH 26 EAST FRONTAGE ROAD 'EFR'	STAGE 4 PHASE 4A	453	45	45	14	9	9	445	Excess Available Material used within Division 4-4A
	63+50'KT' - 65+44'KT'	4-4A-6	KETTERING STREET 'KT'	STAGE 4 PHASE 4A	208	21	21	6	0	0	208	Excess Available Material used within Division 4-4A
	35+00'RYS' - 44+02'RYS'	4-4A-7	RYAN ROAD SIDEWALK 'RYS'	STAGE 4 PHASE 4A	840	84	84	25	97	97	743	Excess Available Material used within Division 4-4A
1000	4+02'DSP' - 5+11'DSP'	4-4A-8	STH 26 SB ON-RAMP PATH 'DSP'	STAGE 4 PHASE 4A	865	87	87	26	164	164	701	Excess Available Material used within Division 4-4A
			DIV 4-4A SUBTOTAL		16,428	1,643	1,643	493	9,548	9,548	6,879	
DIV. 4-4B	63+50'KT' - 65+44'KT'	4-4B-1	KETTERING STREET 'KT'	STAGE 4 PHASE 4B	565	56	56	17	10	10	555	Excess Available Material used within Division 4-4B
			DIV 4-4B SUBTOTAL		565	56	56	17	10	10	555	
	100+42'CE' - 129+41'CE'	4-4C-1	STH 26 NORTHBOUND 'CE'	STAGE 4 PHASE 4C	300	30	30	9	0	0	300	Excess Available Material used within Division 4-4C
DIV. 4-4C	63+50'KT' - 66+09'KT'	4-4C-2	KETTERING STREET 'KT'	STAGE 4 PHASE 4C	296	30	30	9	7	7	289	Excess Available Material used within Division 4-4C
	70+72'MS' - 71+00'MS'	4-4C-3	MORSE STREET 'MS'	STAGE 4 PHASE 4C	371	37	37	11	0	0	371	Excess Available Material used within Division 4-4C
			DIV 4-4C SUBTOTAL		967	97	97	29	7	7	960	
	869+80 - 1086+50	5-1-1	IH 39/90 NORTHBOUND	STAGE 5 PHASE 1	11,417	1,142	1,142	343	1,439	1,439	9,978	Excess Available Material used within Division 5-1
	869+00'SB' - 1099+50'SB'	5-1-2	IH 39/90 SOUTHBOUND 'SB'	STAGE 5 PHASE 1	14,282	1,428	1,428	428	1,053	1,053	13,229	Excess Available Material used within Division 5-1
	963+50'CA' - 966+13'CA'	5-1-3	STH 26 NORTHBOUND ON-RAMP 'CA'	STAGE 5 PHASE 1	389	39	39	12	1	1	389	Excess Available Material used within Division 5-1
	964+55'CAA' - 966+85'CAA'	5-1-4	STH 26 NORTHBOUND ON-RAMP 'CAA'	STAGE 5 PHASE 1	264	26	26	8	11	11	253	Excess Available Material used within Division 5-1
	961+89'CD' - 963+34'CD'	5-1-5	STH 26 SOUTHBOUND OFF-RAMP 'CD'	STAGE 5 PHASE 1	318	32	32	10	9	9	309	Excess Available Material used within Division 5-1
DIV. 5-1	962+40'CDA' - 964+00'CDA'	5-1-6	STH 26 SOUTHBOUND OFF-RAMP 'CDA'	STAGE 5 PHASE 1	255	25	25	8	3	3	251	Excess Available Material used within Division 5-1
	95+74'CE' - 139+71'CE'	5-1-7	STH 26 NORTHBOUND 'CE'	STAGE 5 PHASE 1	1,931	193	193	58	746	746	1,185	Excess Available Material used within Division 5-1
	96+55'CW' - 139+49'CW'	5-1-8	STH 26 SOUTHBOUND 'CW'	STAGE 5 PHASE 1	2,060	206	206	62	3,419	3,419	-1,358	
	20+00'RYM' - 21+96'RYM'	5-1-9	RYAN ROAD CUL DE SAC 'RYM'	STAGE 5 PHASE 1	1,417	142	142	43	0	0	1,417	Excess Available Material used within Division 5-1
	2+15'DSS - 3+41'DSS'	5-1-10	STH 26 SB OFF-RAMP SIDEWALK 'DSS'	STAGE 5 PHASE 1	154	15	15	5	0	0	154	Excess Available Material used within Division 5-1
	2+25'DNP' - 3+63'DNP'	5-1-11	STH 26 NB ON-RAMP PATH 'DNP'	STAGE 5 PHASE 1	355	36	36	11	0	0	355	Excess Available Material used within Division 5-1
	85+39'TAC' - 86+64'TAC'	5-1-12	MAINTENANCE CROSSOVER 'TAC'	STAGE 5 PHASE 1	820	82	82	25	0	0	820	Excess Available Material used within Division 5-1
			DIV 5-1 SUBTOTAL		33,663	3,366	3,366	1,010	6,681	6,681	26,982	
DIV. 5-2	60+48'KT' - 67+80'KT'	5-2-1	KETTERING STREET 'KT'	STAGE 5 PHASE 2	364	36	36	11	18	18	346	
			DIV 5-2 SUBTOTAL		364	36	36	11	18	18	346	
DIV. 6	1042+00 - 1058+50	6-1	IH 39/90 NORTHBOUND	STAGE 6	1,139	114	114	34	364	364	775	
			DIV 6 SUBTOTAL		1,139	114	114	34	364	364	775	
			SUBTOTALS		718,277	128,664	139,165	41,750	957,988	957,988	-239,711	
			1005-10-77 PROJECT TOTALS			**846,941**	**139,165**	**41,750**		**957,988**		

Note 1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
Note 2) Cut volume includes conctete and asphalitc surface material.
Note 3) EBS Excavation to be backfilled with Select Borrow. All EBS material is to be wasted offsite.
EBS quantity estimated using Soil Boring and Median Test Pit Logs plus an additional 10.0% undistributed quantity.
Note 4) Roadway Embankment = Unexpanded Fill
Note 5) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.
Mass Ordinate = Cut - Unexpanded Fill. The Mass Ordinate is for information purposes only as Common Excavation and Roadway Embankment are not balanced for quantity purposes and does not guarantee the quality of Common Excavation, and if it can be reused onsite. All EBS material is assumed to be wasted offsite.
Note 6) Select Borrow is to be used for EBS backfill and placed under RAMP 'CA'. For placement under RAMP 'CA' see construction detail.
Note 7) Geogrid Reinforcement is to be used in locations of EBS backfill, if warranted. This quantity was estimated at 30% of the EBS Excavation quantity.
Note 8) Select Borrow to be placed under STH 26 Northbound On-Ramp 'CA'. See Construction Detail for information.

Addendum No. 1
ID 1005-10-77
Revised Sheet 1760
November 28, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 1761
November 28, 2018

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BASE AGGREGATE

STAGE	LOCATION	STATION - STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120** BASE AGGREGATE DENSE 1 1/4-INCH (TON)	305.0130** BASE AGGREGATE DENSE 3-INCH (TON)	312.0110* SELECT CRUSHED MATERIAL (TON)
1005-10-77 CATEGORY 1000						
STAGE 2, PHASE 1						
	STH 26 - WSOR	970+00 'CA' - 982+60'CA'	125	3,606	-	7,728
	USH 14	246+60'HEA' - 253+80'HEA'	145	2,113	-	-
	KENNEDY ROAD	215+60'KY' - 228+32'KY'	192	2,928	2,319	-
	BRENTWOOD DRIVE	10+20'BR' - 13+20'BR'	41	669	528	-
	TEMPORARY RAMP CROSSOVER 'XCA'	983+90'XCA' - 1003+39'XCA'	-	5,728	-	-
	TEMPORARY KENNEDY RD	209+33'XCA' - 215+61'TKY'	-	1,489	-	-
	TEMPORARY RAMP 'THB'	902+63'XCA' - 913+29'THB'	-	2,002	-	-
	STAGE 2, PHASE 1 SUBTOTAL		503	18,535	2,847	7,728
STAGE 2, PHASE 2						
	USH 14 NB OFF-RAMP	918+50 'HB' - 920+50 'HB'	23	1,122	-	695
	USH 14	252+93'HEA' - 254+62'HEA'	-	348	-	-
	TEMPORARY RAMP 'THB'	913+29'THB' - 920+12'THB'	-	1,797	-	-
	STAGE 2, PHASE 2 SUBTOTAL		23	3,267	0	695
STAGE 2, PHASE 3						
	BEGIN PROJECT - USH 14	887+00'HB' - 918+50 'HB'	137	10,256	-	21,258
	STAGE 2, PHASE 3 SUBTOTAL		137	10,256	0	21,258
STAGE 2, PHASE 4						
	BEGIN PROJECT - USH 14	904+40 - 921+60	103	5,914	-	11,343
	USH 14 - RYAN ROAD	923+50 - 952+70	209	18,133	-	32,666
	RYAN ROAD - STH 26	954+00 - 963+35	176	6,461	-	11,982
	STH 26 - WSOR	965+45 - 982+18	75	5,690	-	12,115
	WSOR - KENNEDY ROAD	983+70 - 1015+05	637	9,144	-	17,862
	KENNEDY ROAD - END PROJECT	1016+50 - 1025+00	224	1,520	-	2,958
	KENNEDY ROAD	228+32'KY' - 208+15'KY'	-	-	1,367	-
	STAGE 2, PHASE 4 SUBTOTAL		1,424	46,862	1,367	88,926
STAGE 3						
	BEGIN PROJECT - USH 14	878+00 - 921+65	-	5,083	-	8,237
	WSOR - KENNEDY ROAD	983+70 - 1015+05	-	4,120	-	9,488
	KENNEDY ROAD - END PROJECT	1016+50 - 1025+00	-	983	-	2,263
	USH 14	252+93'HEA' - 254+62'HEA'	-	403	-	-
	USH 14 SB ON-RAMP	917+25 'HC' - 925+25 'HC'	160	-	-	-
	TEMPORARY RAMP 'THC'	915+06'THC' - 920+47'THC'	-	1,046	-	-
	TEMPORARY RAMP CROSSOVER 'XCD'	983+70'XCD' - 988+17'XCD'	-	910	-	-
	TEMPORARY RAMP CROSSOVER 'XHC'	904+00'XHC' - 910+50'XHC'	-	1,053	-	-
	STAGE 3 SUBTOTAL		160	13,598	0	19,988
STAGE 4, PHASE 1						
	STH 26 SB OFF-RAMP	968+00 'CD' - 970+00 'CD'	49	1,110	-	1,487
	TEMPORARY RAMP 'TCD'	965+88'TCD' - 977+36'TCD'	-	2,698	-	-
	TEMPORARY RAMP 'THD'	925+43'THD' - 937+12'THD'	-	3,317	-	-
	STAGE 4, PHASE 1 SUBTOTAL		49	7,125	0	1,487
STAGE 4, PHASE 2						
	STH 26 - WSOR	970+00 'CD' - 982+40'CD'	129	2,685	-	4,961
	WSOR - KENNEDY ROAD	983+40 - 995+50	115	2,120	-	4,911
	KENNEDY ROAD	228+32'KY' - 208+15'KY'	226	1,749	1,367	-
	DEERFIELD DRIVE	46+75'DDN' - 53+65'DDN'	73	948	664	-
	DEERFIELD DRIVE	7+00'DSW' - 8+55'DSW'	34	-	-	-
	RYAN ROAD	14+60'RY' - 19+55'RY'	374	2,178	1,120	-
	TEMPORARY RAMP CROSSOVER 'YCD'	995+46'YCD' - 1003+00'YCD'	-	1,537	-	-
	STAGE 4, PHASE 2 SUBTOTAL		951	11,217	3,151	9,872
STAGE 4, PHASE 3						
	BEGIN PROJECT - USH 14	899+25 - 917+75 'HC'	34	4,176	-	9,089
	USH 14 - RYAN ROAD	927+40 'HD' - 952+90'HD'	135	6,239	-	8,675
	RYAN ROAD - STH 26	954+15 - 963+00	93	2,440	-	4,025
	STH 26 - WSOR	965+15 - 975+15	120	1,987	-	3,109
	STAGE 4, PHASE 3 SUBTOTAL		382	14,842	0	24,898
STAGE 4, PHASE 4						
	BEGIN PROJECT - USH 14	879+00 - 922+25	261	15,914	-	34,414
	USH 14 - RYAN ROAD	924+50 - 952+75	125	11,508	-	23,266
	RYAN ROAD - STH 26	954+10 - 963+15	-	2,789	-	6,424
	STH 26 - WSOR	965+25 - 982+50	-	5,303	-	12,213
	WSOR - KENNEDY ROAD	983+50 - 1014+90	737	8,300	-	17,354
	KENNEDY ROAD - END PROJECT	1016+20 - 1032+00	35	5,440	-	12,074
	STAGE 4, PHASE 4 SUBTOTAL		1,158	49,254	0	105,745
STAGE 5						
	BEGIN PROJECT - USH 14	872+50 - 873+50	-	130	-	300
	WSOR - KENNEDY ROAD	995+50 - 1015+11	12	1,172	-	2,700
	KENNEDY ROAD - END PROJECT	1016+65 - 1086+50	338	-	-	-
	KENNEDY ROAD - END PROJECT	1079+00'SB' - 1099+50'SB'	132	630	-	-
	STAGE 5 SUBTOTAL		482	1,932	0	3,000
STAGE 6						
	BEGIN PROJECT - USH 14	1042+00 - 1058+50	103	-	-	-
	STAGE 6 SUBTOTAL		103	0	0	0

STAGE	LOCATION	STATION - STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120** BASE AGGREGATE DENSE 1 1/4-INCH (TON)	305.0130** BASE AGGREGATE DENSE 3-INCH (TON)	312.0110* SELECT CRUSHED MATERIAL (TON)
1005-10-77 CATEGORY 1000						
STH 26 STAGE 2, PHASE 1						
	STH 26 NB ON-RAMP	970+00 'CA' - 124+50 'CW'	36	1,194	-	2,140
	STH 26	121+35'CW' - 124'CW'+44, LT.	-	-	167	-
	STH 26	123+70'CW'-123'CW'+85, LT.	7	-	-	-
	TEMPORARY RAMP CONNECTION 'RTCA'	959+44'RTCA' - 961+63'RTCA'	29	441	-	-
	TEMPORARY RAMP 'TCA'	965+63'TCA' - 969+12'TCA'	29	815	-	-
	TEMPORARY RAMP 'TCAA'	965+31'TCAA' - 968+28'TCAA'	31	577	-	-
	STH 26 STAGE 2, PHASE 1 SUBTOTAL		132	3,026	167	2,140
STH 26 STAGE 2, PHASE 2						
	TEMPORARY PAVEMENT STH 26	113+63'CET' - 116+50'CET'	23	279	-	-
	STH 26 STAGE 2, PHASE 2 SUBTOTAL		23	279	0	0
STH 26 STAGE 2, PHASE 3						
	STH 26 NB OFF-RAMP	962+00 'CB' - 965+00 'CB'	92	987	-	1,376
	TEMPORARY PAVEMENT STH 26	117+26'CET' - 120+05'CET', LT	13	719	-	-
	TEMPORARY PAVEMENT STH 26	117+60'CET' - 128+00'CET', RT	56	1,904	-	-
	TEMPRARY RAMP 'TCB'	965+14'TCB' - 967+23'TCB'	31	547	-	-
	TEMPORARY RAMP 'TCBA'	962+57'TCBA' - 966+43'TCBA'	36	710	-	-
	STH 26 STAGE 2, PHASE 3 SUBTOTAL		227	4,867	0	1,376
STH 26 STAGE 4, PHASE 1						
	STH 26 SB OFF-RAMP	964+00 'CD' - 966+00 'CD'	59	905	-	1,413
	STH 26	130+85'CE' - 144+13 'CE' RT	34	1,348	-	2,088
	STH 26	139+50'CW' - 143+00 'CW' LT	-	361	220	370
	TEMPORARY PAVEMENT STH 26	108+79'CET' - 110+42'CET'	5	282	-	-
	TEMPORARY PAVEMENT STH 26	113+63'CET' - 117+47'CET'	10	527	-	-
	TEMPORARY PAVEMENT STH 26	130+86'CE' - 133+87'CE'	18	403	-	-
	TEMPORARY RAMP 'TCDA'	966+64'TCDA' - 968+67'TCDA'	27	708	-	-
	STH 26 STAGE 4, PHASE 1 SUBTOTAL		152	4,533	220	3,871
STH 26 STAGE 4, PHASE 2						
	STH 26	95+74'CE' - 99+45'CE'	-	260	-	598
	TEMPORARY PAVEMENT STH 26	95+73'CET' - 99+45'CET'	-	323	-	-
	TEMPORARY PAVEMENT STH 26	100+42'CET' - 104+96'CET', LT	20	696	-	-
	TEMPORARY PAVEMENT STH 26	100+67'CET' - 108+25'CET'	45	1,168	-	-
	TEMPORARY PAVEMENT STH 26	108+46'CET' - 113+63'CET'	13	497	-	-
	TEMPORARY PAVEMENT STH 26	110+08'CET' - 113+96'CET'	-	798	-	-
	TEMPORARY PAVEMENT STH 26	128+00'CET' - 128+52'CET'	3	90	-	-
	TEMPORARY PAVEMENT STH 26	129+99'CET' - 130+86'CET', RT	7	309	-	-
	TEMPORARY PAVEMENT STH 26	129+92'CET' - 139+71'CET'	65	1,855	-	-
	TEMPORARY PAVEMENT KETTERING ST	60+48'KT' - 62+25'KT'	-	192	-	-
	TEMPORARY PAVEMENT KETTERING ST	63+46'KT' - 67+80'KT'	-	439	-	-
	STH 26 STAGE 4, PHASE 2 SUBTOTAL		152	6,626	0	598
STH 26 STAGE 4, PHASE 2A						
	STH 26	100+50'CW' - 108+00 'CW'	101	2,174	-	4,553
	STH 26	109+50'CE' - 119+00 'CE'	23	2,176	-	5,012
	STH 26	120+40'CW' - 129+75 'CW'	-	2,347	259	4,827
	STH 26	130+50'CW' - 142+25 'CW'	-	1,228	445	1,895
	STH 26	130+50'CW' - 134+95 'CW', LT TURN	-	290	-	667
	STH 26	128+60'CW' - 129+30 'CW', LT.	41	-	-	-
	WEST FRONTAGE ROAD	80+60'WFR' - 82+55'WFR'	23	663	257	-
	KETTERING STREET	60+50'CW' - 61+50 'KT'	10	430	167	-
	TEMPORARY PAVEMENT STH 26	102+75'CW' - 107+05'CW'	27	359	-	-
	TEMPORARY PAVEMENT STH 26	105+00'TCE' - 106+29'TCE'	51	471	-	-
	TEMPORARY PAVEMENT STH 26	110+62'CE' - 113+44'CE'	17	270	-	-
	TEMPORARY PAVEMENT STH 26	110+99'TCE' - 114+03'TCE'	16	243	-	-
	TEMPORARY PAVEMENT STH 26	121+62'CW' - 129+15'CW'	43	1,045	-	-
	TEMPORARY PAVEMENT STH 26	130+63'CW' - 134+10'CW'	-	292	-	-
	TEMPORARY RAMP 'TCDR'	959+58'TCDR' - 961+42'TCDR'	12	276	-	-
	STH 26 STAGE 4, PHASE 2A SUBTOTAL		363	12,264	1,128	16,954
STH 26 STAGE 4, PHASE 2B						
	STH 26	107+80 'CW' - 109+80 'CE'	-	495	-	1,141
	STH 26 NB ON-RAMP	965+00 'CAA' - 969+00 'CA'	48	554	-	971
	STH 26	118+75 'CE' - 120+45 'CW'	-	100	-	230
	KETTERING STREET	61+50'KT' - 62+25 'KT' LT	-	82	-	188
	TEMPORARY PAVEMENT STH 26	106+13'TCE' - 107+86'TCE'	9	552	-	-
	TEMPORARY PAVEMENT STH 26	116+05'TCE' - 119+62'TCE'	20	1,195	-	-
	TEMPORARY PAVEMENT KETTERING ST	60+48'KT' - 61+93'KT'	-	107	-	-
	TEMPORARY RAMP 'TCAL'	965+48'TCAL' - 966+84'TCAL'	17	270	-	-
	STH 26 STAGE 4, PHASE 2B SUBTOTAL		95	3,355	0	2,530
STH 26 STAGE 4, PHASE 2C						
	KETTERING STREET	61+50'KT' - 62+25 'KT' LT	17	531	137	492
	STH 26 STAGE 4, PHASE 2C SUBTOTAL		17	531	137	492
	SUBTOTAL		6,534	212,372	9,017	311,558

* ADDITIONAL QUANTITY FOUND IN "TEST PITS" TABLE
** ADDITIONAL QUANTITY FOUND IN "BASE AGGREGATE ITEMS" TABLE IN 1005-10-83 PROJECT

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BASE AGGREGATE (CONTINUED)

STAGE	LOCATION	STATION - STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH (TON)	305.0120** BASE AGGREGATE DENSE 1 1/4-INCH (TON)	305.0130** BASE AGGREGATE DENSE 3-INCH (TON)	312.0110* SELECT CRUSHED MATERIAL (TON)
1005-10-77 CATEGORY 1000						
	SUBTOTAL		6,534	212,372	9,017	311,558
STH 26 STAGE 4, PHASE 3						
	STH 26	100+40 - 102+60 'CW', LT TURN	-	211	-	485
	STH 26	116+00 'CE' - 121+60 'CW'	-	676	-	1,556
	STH 26	129+90 - 130+65 'CW' RT	-	201	-	464
	TEMPORARY PAVEMENT STH 26	100+64'CW' - 102+64'CW'	-	141	-	-
	TEMPORARY PAVEMENT STH 26	113+56'CE' - 118+52'CE'	11	163	-	-
	TEMPORARY PAVEMENT STH 26	130+25'CW'-130+63'CW'	-	33	-	-
	STH 26 STAGE 4, PHASE 3 SUBTOTAL		11	1,426	0	2,505
STH 26 STAGE 4, PHASE 4						
	STH 26	118+35 'CW' - 121+45 'CE'	65	1,161	-	2,377
	STH 26	129+77 - 131+27'CE'	10	708	-	600
	KETTERING STREET	64+00 to 66+00 'KT'	-	-	159	-
	TEMPORARY PAVEMENT STH 26	118+52'CW' - 119+07'CW'	-	85	-	-
	TEMPORARY PAVEMENT STH 26	120+80'CW' - 121+62'CW'	9	122	-	-
	STH 26 STAGE 4, PHASE 4 SUBTOTAL		84	2,077	159	2,977
STH 26 STAGE 4, PHASE 4A						
	STH 26	100+40 - 108+75 'CE'	-	2,493	416	4,929
	STH 26 SB ON-RAMP	959+00 'CCA' - 964+00 'CCA'	98	1,509	-	2,138
	STH 26	109+00 - 118+35 'CW'	301	2,361	-	5,572
	STH 26	121+45 - 129+55 'CE'	119	1,669	-	3,843
	STH 26	131+25 - 137+00 'CE'	-	229	-	529
	STH 26	35+00'RYS' - 44+00'RYS'	140	-	-	-
	KETTERING STREET	64+00 - 66+00 'KT'	-	228	66	133
	STH 26 STAGE 4, PHASE 4A SUBTOTAL		658	8,489	482	17,144
STH 26 STAGE 4, PHASE 4B						
	KETTERING STREET	63+50 - 66+00 'KT'	4	571	184	222
	STH 26 STAGE 4, PHASE 4B SUBTOTAL		4	571	184	222
STH 26 STAGE 4, PHASE 4C						
	STH 26	64+00 'KT' - 130+85 'CE'	8	202	-	466
	MORSE ST	70+35 - 71+30 'MS'	37	526	194	329
	KETTERING STREET	64+00 - 66+00 'KT'	-	693	269	-
	STH 26 STAGE 4, PHASE 4C SUBTOTAL		45	1,421	463	795
STH 26 STAGE 5, PHASE 1						
	STH 26	95+75 - 99+50 'CE'	-	163	-	376
	STH 26	95+90'CE' - 102+55'CE', LT.	79	-	-	-
	STH 26	105+75'CE' - 106+20'CE'	-	72	-	147
	STH 26	107+00'CE' - 110+00'CE', LT.	49	-	-	-
	STH 26	110+00'CE' - 119+0'CE', RT.	175	-	-	-
	STH 26	119+25'CE' - 120+75'CE', LT.	56	-	-	-
	STH 26	122+70'CE' - 123+50'CE'	-	74	-	169
	STH 26	125+50 - 129+15 'CE', LT TURN	75	559	-	841
	STH 26	128+45'CE' - 134+00'CE', LT.	54	-	-	-
	STH 26	130+50 - 139+50 'CW', LT TURN	-	415	-	955
	RYAN ROAD CUL-DE-SAC	20+00'RYM' - 21+96'RYM'	-	1,203	611	-
	STH 26 STAGE 5, PHASE 1 SUBTOTAL		488	2,486	611	2,488
STH 26 STAGE 5, PHASE 2						
	KETTERING STREET	60+55 - 67+80 'KT'	22	323	125	-
	STH 26 STAGE 5, PHASE 2 SUBTOTAL		22	323	125	0
	UNDISTRIBUTED		454	11,836	559	16,811
	PROJECT 1005-10-77 TOTAL		**8,300**	**241,000**	**11,600**	**354,500**

*ADDITIONAL QUANTITY FOUND IN "TEST PITS" TABLE.
**ADDITIONAL QUANTITY FOUND IN "BASE AGGREGATE ITEMS" TABLE IN 1005-10-83 PROJECT

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ID 1005-10-77
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REMOVING SIGN BRIDGE AND CONCRETE BASES

	STATION	OFFSET	204.0195* REMOVING CONCRETE BASES (EACH)	SPV.0105.022 REMOVING SIGN BRIDGE S-53-0002 (LS)	SPV.0105.023 REMOVING SIGN BRIDGE S-53-0023 (LS)	SPV.0105.024 REMOVING SIGN BRIDGE S-53-0024 (LS)	SPV.0105.025 REMOVING SIGN BRIDGE S-53-0029 (LS)
1005-10-77 CATEGORY 1000							
	924+79	RT	-	1	-	-	-
	938+38	RT	-	-	-	1	-
	953+18	RT	-	-	1	-	-
	974+15'CD'	LT	1	-	-	-	-
	123+90'CE'	RT	-	-	-	-	1
PROJECT 1005-10-77 TOTAL			**1**	**1**	**1**	**1**	**1**

*ADDITIONAL QUANTITY FOUND IN "TRAFFIC SIGNAL REMOVALS", "LIGHTING REMOVALS", & "MISCELLANEOUS ITS" TABLES

RUMBLE STRIPS

	LOCATION	STATION - STATION	416.1110 CONCRETE SHOULDER RUMBLE STRIPS (LF)	465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS (LF)
1005-10-77 CATEGORY 1000				
	BEGIN PROJECT - USH 14	869+00 - 923+00	8,960	1,420
	BEGIN PROJECT - USH 14	869+00'SB' - 923+00'SB'	11,420	900
	USH 14 - RYAN ROAD	923+00 - 953+00	7,770	1,060
	USH 14 - RYAN ROAD	923+00'SB' - 953+00'SB'	6,910	1,400
	RYAN ROAD - STH 26	953+00 - 964+00	1,866	915
	RYAN ROAD - STH 26	953+00'SB' - 964+00'SB'	1,808	843
	STH 26 - WSOR	964+00 - 983+00	4,225	926
	STH 26 - WSOR	964+00'SB' - 983+00'SB'	3,941	1,200
	WSOR - KENNEDY ROAD	983+00 - 1015+50	6,137	1,136
	WSOR - KENNEDY ROAD	983+00'SB' - 1015+50'SB'	6,336	-
	KENNEDY ROAD - END PROJECT	1015+50 - 1081+00	12,870	-
	KENNEDY ROAD - END PROJECT	1015+50'SB' - 1032+00'SB'	3,157	-
1005-10-77 PROJECT TOTAL			**75,400**	**9,800**

CONCRETE SURFACE DRAINS

	LOCATION	STATION	OFFSET	416.1010 CONCRETE SURFACE DRAINS (CY)
1005-10-77 CATEGORY 1000				
STAGE 2, PHASE 4				
	RYAN ROAD - STH 26	963+25	RT	4
	WSOR - KENNEDY ROAD	984+00	RT	4
	KENNEDY ROAD - END PROJECT	1016+75	RT	5
	STAGE 2, PHASE 4 SUBTOTAL			13
STAGE 4, PHASE 3				
	RYAN ROAD - STH 26	962+85 'SB'	LT	4
	STAGE 4, PHASE 2 SUBTOTAL			4
STAGE 4, PHASE 4				
	BEGIN PROJECT - USH 14	922+05'SB'	LT	5
	STAGE 4, PHASE 4 SUBTOTAL			5
STAGE 5				
	RYAN ROAD CUL-DE-SAC	21+96'RYM'	-	2
	STAGE 5 SUBTOTAL			2
STH 26 STAGE 5				
	STH 26	137+50'CE'	LT	2
	STH 26 STAGE 5 SUBTOTAL			2
1005-10-77 PROJECT TOTAL				**26**

ASPHALTIC FLUMES

	LOCATION	STATION	OFFSET	465.0315 ASPHALTIC FLUMES (SY)
1005-10-77 CATEGORY 1000				
STAGE 1				
	IH 39 SB	951+60'TSB'	RT	5
	IH 39 SB	962+00'TSB'	RT	5
	IH 39 SB	984+00'TSB'	RT	5
	IH 39 SB	1013+90'TSB'	RT	7
	IH 39 SB	1019+19'TSB'	RT	7
	STAGE 1 SUBTOTAL			29
STAGE 2, PHASE 1				
	KENNEDY ROAD	217+66'KY'	RT	13
	KENNEDY ROAD	219+75 'KY'	RT	9
	STAGE 2, PHASE 1 SUBTOTAL			22
STAGE 3				
	USH 14	246+82 'HEA'	LT	8
	STAGE 3 SUBTOTAL			8
STH 26 STAGE 4, PHASE 1				
	STH 26 NB	139+46'CE'	RT	9
	STH 26 STAGE 4, PHASE 1 SUBTOTAL			9
STH 26 STAGE 4, PHASE 4				
	STH 26 NB OFF-RAMP	965+78'CB'	RT	9
	STH 26 NB OFF-RAMP	966+28'CB'	LT	9
	STH 26 NB OFF-RAMP (AUX ALIGNMENT)	965+79'CBA'	RT	9
	STH 26 STAGE 4, PHASE 4 SUBTOTAL			27
STH 26 STAGE 4, PHASE 4A				
	STH 26 SB ON-RAMP	963+49'CC'	LT	9
	STH 26 SB ON-RAMP (AUX ALIGNMENT)	964+00'CCA'	RT	9
	STH 26 STAGE 4, PHASE 4A SUBTOTAL			18
STH 26 STAGE 5				
	STH 26 SB OFF-RAMP	962+42'CD'	RT	9
	STH 26 SB OFF-RAMP (AUX ALIGNMENT)	962+86'CDA'	RT	9
	RYAN ROAD CUL DE SAC	21+96'RYM'	-	9
	STH 26 STAGE 5 SUBTOTAL			27
	UNDISTRIBUTED			7
1005-10-77 PROJECT TOTAL				**147**

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TEMPORARY SHORING

	STAGE	LOCATION	511.1300.001 TEMPORARY SHORING S2P1, KENNEDY-END (SF)	511.1300.002 TEMPORARY SHORING S2P3, BEGIN-USH 14 (SF)	511.1300.003 TEMPORARY SHORING S2P4, USH 14-RYAN (SF)	511.1300.004 TEMPORARY SHORING S2P4, RYAN-STH 26 (SF)	511.2300.001 TEMPORARY SHORING LEFT IN PLACE S2P4, WSOR-KENNEDY (SF)	511.2300.002 TEMPORARY SHORING LEFT IN PLACE S3, WSOR-KENNEDY (SF)	NOTES - UTILIZATION
1005-10-77 CATEGORY 1000									
	STAGE 2, PHASE 1	KENNEDY ROAD - END PROJECT	3,040	-	-	-	-	-	BRIDGE CONSTRUCTION
	STAGE 2, PHASE 3	BEGIN PROJECT - USH 14	-	6,300	-	-	-	-	STORM SEWER CONSTRUCTION
	STAGE 2, PHASE 4	USH 14 - RYAN ROAD	-	-	10,970	-	-	-	ROADWAY CONSTRUCTION STAGING
	STAGE 2, PHASE 4	RYAN ROAD - STH 26	-	-	-	790	-	-	ROADWAY CONSTRUCTION STAGING
	STAGE 2, PHASE 4	WSOR - KENNEDY ROAD	-	-	-	-	11,110	-	ROADWAY CONSTRUCTION STAGING
	STAGE 3	WSOR - KENNEDY ROAD	-	-	-	-	-	11,930	ROADWAY CONSTRUCTION STAGING
		1005-10-77 PROJECT TOTAL	**3,040**	**6,300**	**10,970**	**790**	**11,110**	**11,930**	

PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

	LOCATION	STATION - STATION	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS (STA)
1005-10-77 CATEGORY 1000			
STAGE 1			
	USH 14 - RYAN ROAD	924+48 - 928+15 'TSB', RT	4.0
	USH 14 - RYAN ROAD	951+60 - 953+75 'TSB', RT	2.0
	RYAN ROAD - STH 26	962+00 - 962+27 'TSB', RT	0.5
	STH 26 - WSOR	964+55 - 965+90 'TSB', RT	1.5
	WSOR - KENNEDY ROAD	982+93 - 984+00 'TSB', RT	1.0
	WSOR - KENNEDY ROAD	1013+90 - 1014+33 'TSB', RT	0.5
	KENNEDY ROAD - END PROJECT	1017+56 - 1019+19 'TSB', RT	1.5
	STAGE 1 SUBTOTAL		11
1005-10-77 PROJECT TOTAL			**11**

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HMA PAVEMENT ITEMS (CONTINUED)

STAGE	LOCATION	STATION - STATION	415.6000.S ROUT AND SEAL (LF)	450.4000 HMA COLD WEATHER PAVING (TON)	455.0605 TACK COAT (GAL)	460.5223* HMA PAVEMENT 3LT 58-28S (TON)	460.5224* HMA PAVEMENT 4LT 58-28S (TON)	460.6223 HMA PAVEMENT 3MT 58-28S (TON)	460.6424 HMA PAVEMENT 4MT 58-28H (TON)	460.7223 HMA PAVEMENT 3HT 58-28S (TON)	460.7424 HMA PAVEMENT 4HT 58-28H (TON)	465.0105 ASPHALTIC SURFACE (TON)	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES (TON)	465.0305 ASPHALTIC SURFACE SAFETY ISLAND (TON)	465.0310 ASPHALTIC CURB (LF)
1005-10-77 CATEGORY 1000															
	SUBTOTAL		13,139	322	2,932	1,881	3,323	2,267	1,946	1,877	1,319	98	25	77	571
STAGE 4, PHASE 3															
	BEGIN PROJECT - USH 14	913+01 - 915+00 'SB', LT	367	-	-	-	45	-	-	-	-	-	-	-	-
	USH 14 - RYAN ROAD	936+39 - 938+57 'SB', LT	431	-	-	-	56	-	-	-	-	-	-	-	-
	RYAN ROAD - STH 26	954+36 - 962+80 'SB' LT	931	-	-	-	217	-	-	-	-	-	-	-	-
	STH 26 - WSOR	965+35 - 974+76 'SB', LT	680	-	-	-	235	-	-	-	-	-	-	-	-
	USH 14 SB ON-RAMP	914+63 - 917+68 'HC', RT	309	-	-	-	24	-	-	-	-	-	-	-	-
	USH 14 SB ON-RAMP	917+03 - 917+68 'HC', LT	65	-	-	-	12	-	-	-	-	-	-	-	-
	STH 26 SB ON-RAMP	955+12 - 963+00 'CC', RT	396	-	-	-	129	-	-	-	-	-	-	-	-
	USH 14 SB OFF-RAMP	927+39 - 936+09 'HD', RT	880	-	-	-	73	-	-	-	-	-	-	-	-
	USH 14 SB OFF-RAMP	925+87 - 927+39 'HD'	-	-	73	-	-	-	-	160	116	-	-	46	-
	STAGE 4, PHASE 3 SUBTOTAL		4,059	0	73	0	791	0	0	160	116	0	0	46	0
STAGE 4, PHASE 4															
	BEGIN PROJECT - USH 14	915+00 - 922+04 'SB', LT	692	-	-	-	173	-	-	-	-	-	-	-	-
	USH 14 - RYAN ROAD	924+98 - 936+39 'SB', LT	1,119	-	-	-	279	-	-	-	-	-	-	-	-
	DRIVEWAY 'ITD'	75+00 - 76+51 'ITD'	0	-	25	-	68	-	-	-	-	-	-	-	-
	USH 14	248+70 - 250+31 'HEA'	-	-	20	-	-	-	-	44	32	-	-	-	-
	USH 14	249+00 - 252+00 'HWA'	-	-	38	-	-	-	-	83	60	-	-	-	-
	STAGE 4, PHASE 4 SUBTOTAL		1,811	0	83	0	520	0	0	127	92	0	0	0	0
STAGE 5															
	MAINTENANCE CROSSOVER 'TAC'	85+39'TAC' - 86+64'TAC'	-	170	-	-	170	-	-	-	-	-	-	-	-
	STAGE 5 SUBTOTAL		0	170	0	0	170	0	0	0	0	0	0	0	0
STH 26 STAGE 2, PHASE 1															
	STH 26	121+46 - 124+42 'CW', LT	-	-	-	-	61	-	-	-	-	-	-	-	-
	TEMPORARY RAMP CONNECTION 'RTCA'	959+44 - 961+63 'RTCA'	-	-	32	-	-	63	51	-	-	-	-	-	-
	TEMPORARY RAMP 'TCA'	965+62 - 969+12 'TCA'	-	-	70	-	-	140	112	-	-	-	-	-	-
	TEMPORARY RAMP 'TCAA'	965+31 - 968+28 'TCAA'	-	-	42	-	-	83	66	-	-	-	-	-	-
	STH 26 STAGE 2, PHASE 1 SUBTOTAL		0	0	144	0	61	286	229	0	0	0	0	0	0
STH 26 STAGE 2, PHASE 2															
	TEMPORARY PAVEMENT STH 26	113+63 - 116+50 'CET'	-	-	16	-	-	-	-	38	25	-	-	-	-
	STH 26 STAGE 2, PHASE 2 SUBTOTAL		0	0	16	0	0	0	0	38	25	0	0	0	0
STH 26 STAGE 2, PHASE 3															
	TEMPORARY PAVEMENT STH 26	117+26 - 128+00 'CET'	-	-	212	-	-	-	-	508	339	-	-	-	-
	TEMPORARY RAMP 'TCB'	965+14 - 967+23 'TCB'	-	-	42	-	-	83	66	-	-	-	-	-	-
	TEMPORARY RAMP 'TCBA'	962+57 - 966+43 'TCBA'	-	-	55	-	-	109	87	-	-	-	-	-	-
	STH 26 NB OFF-RAMP	962+00 - 965+15 'CB', RT	313	-	-	-	40	-	-	-	-	-	-	-	-
	STH 26 NB OFF-RAMP	962+00 - 963+22 'CB', LT	184	-	-	-	14	-	-	-	-	-	-	-	-
	STH 26 STAGE 2, PHASE 3 SUBTOTAL		497	0	309	0	54	192	153	508	339	0	0	0	0
STH 26 STAGE 4, PHASE 1															
	STH 26 SB OFF-RAMP	964+13 - 964+94 'CD', RT	137	-	-	-	12	-	-	-	-	-	-	-	-
	STH 26 SB OFF-RAMP (AUX. ALIGNMENT)	963+95 - 964+39 'CDA', LT	43	-	-	-	6	-	-	-	-	-	-	-	-
	STH 26	131+27 - 139+50 'CE', RT	816	-	51	-	-	-	-	122	81	-	-	-	-
	STH 26	139+44 - 140+86 'CE', LT	-	-	-	-	27	-	-	-	-	-	-	-	-
	STH 26	19+38 - 22+07 'BPN'	-	-	3	-	64	-	-	-	-	-	-	-	-
	TEMPORARY PAVEMENT STH 26	108+79 - 110+42 'CET'	-	-	25	-	-	-	-	60	40	-	-	-	-
	TEMPORARY PAVEMENT STH 26	113+63 - 117+47 'CET'	-	-	45	-	-	-	-	108	72	-	-	-	-
	TEMPORARY PAVEMENT STH 26	130+86 - 133+87 'CE'	-	-	28	-	-	-	-	66	44	-	-	-	-
	TEMPORARY RAMP 'TCD'	966+63 - 968+67 'TCDA'	-	-	61	-	-	122	98	-	-	-	-	-	-
	STH 26 STAGE 4, PHASE 1 SUBTOTAL		996	0	213	0	109	122	98	356	237	0	0	0	0
STH 26 STAGE 4, PHASE 2															
	TEMPORARY PAVEMENT STH 26	95+73 - 99+45 'CET', LT	-	32	32	-	-	-	-	76	51	-	-	-	-
	TEMPORARY PAVEMENT STH 26	100+42 - 104+96 'CET', LT	-	55	55	-	-	-	-	131	88	-	-	-	-
	TEMPORARY PAVEMENT STH 26	100+67 - 108+25 'CET', RT	-	84	84	-	-	-	-	202	135	-	-	-	-
	TEMPORARY PAVEMENT STH 26	108+46 - 113+63 'CET', RT	-	40	40	-	-	-	-	96	64	-	-	-	-
	TEMPORARY PAVEMENT STH 26	110+08 - 113+96 'CET', LT	-	78	78	-	-	-	-	186	124	-	-	-	-
	TEMPORARY PAVEMENT STH 26	129+92 - 139+71 'CE', LT	-	117	117	-	-	-	-	280	187	-	-	-	-
	TEMPORARY PAVEMENT STH 26	128+00 - 130+86 'CE', RT	-	33	33	-	-	-	-	78	52	-	-	-	-
	TEMPORARY PAVEMENT KETTERING ST	60+47 - 62+25 'KT', LT	-	15	15	-	-	-	-	35	24	-	-	-	179
	TEMPORARY PAVEMENT KETTERING ST	63+46 - 67+80 'KT', LT	-	43	43	-	-	0	0	103	69	-	-	-	-
	STH 26 STAGE 4, PHASE 2 SUBTOTAL		0	495	497	0	0	0	0	1,187	794	0	0	0	179
	SUBTOTAL		20,502	987	4,267	1,881	5,028	2,867	2,426	4,253	2,922	98	25	123	750

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HMA PAVEMENT ITEMS (CONTINUED)

STAGE	LOCATION	STATION - STATION	415.6000.S ROUT AND SEAL (LF)	450.4000 HMA COLD WEATHER PAVING (TON)	455.0605 TACK COAT (GAL)	460.5223* HMA PAVEMENT 3LT 58-28S (TON)	460.5224* HMA PAVEMENT 4LT 58-28S (TON)	460.6223 HMA PAVEMENT 3MT 58-28S (TON)	460.6424 HMA PAVEMENT 4MT 58-28H (TON)	460.7223 HMA PAVEMENT 3HT 58-28S (TON)	460.7424 HMA PAVEMENT 4HT 58-28H (TON)	465.0105 ASPHALTIC SURFACE (TON)	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES (TON)	465.0305 ASPHALTIC SURFACE SAFETY ISLAND (TON)	465.0310 ASPHALTIC CURB (LF)
1005-10-77 CATEGORY 1000															
	SUBTOTAL		20,502	987	4,267	1,881	5,028	2,867	2,426	4,253	2,922	98	25	123	750
STH 26 STAGE 4, PHASE 2A															
	STH 26 SB OFF-RAMP	962+36 - 964+13 'CD', RT	177	-	-	-	14	-	-	-	-	-	-	-	-
	STH 26 SB OFF-RAMP	962+38 - 964+13 'CD', LT	175	-	-	-	22	-	-	-	-	-	-	-	-
	STH 26	124+42 - 128+94 'CW', LT	-	-	-	-	85	-	-	-	-	-	-	-	-
	STH 26	130+56 - 140+96 'CW', LT	-	-	-	-	170	-	-	-	-	-	-	-	-
	WEST FRONTAGE ROAD	80+61 - 82+57 'WFR'	-	-	30	-	-	89	59	-	-	-	7	-	-
	KETTERING STREET	60+44 - 61+50 'KT'	-	27	23	-	-	67	39	-	-	-	3	-	-
	TEMPORARY PAVEMENT STH 26	102+75 - 107+05 'CW', RT	-	18	18	-	-	-	-	43	29	-	-	-	-
	TEMPORARY PAVEMENT STH 26	105+00 - 106+29 'TCE', LT	-	13	13	-	-	-	-	31	21	-	-	-	-
	TEMPORARY PAVEMENT STH 26	110+62 - 113+44 'CE', RT	-	16	16	-	-	-	-	37	25	-	-	-	-
	TEMPORARY PAVEMENT STH 26	110+99 - 114+03 'TCE', LT	-	14	14	-	-	-	-	32	22	-	-	-	-
	TEMPORARY PAVEMENT STH 26	134+88 - 136+49 'CE' LT	-	22	22	-	-	-	-	52	35	-	-	-	-
	TEMPORARY PAVEMENT STH 26	121+59 - 129+15 'CW', RT	-	74	74	-	-	-	-	177	118	-	-	-	-
	TEMPORARY PAVEMENT STH 26	130+63 - 134+10 'CW', RT	-	29	29	-	-	-	-	68	46	-	-	-	-
	TEMPORARY RAMP 'TCDR'	959+58 - 961+42 'TCDR'	-	-	21	-	-	41	33	-	-	-	-	-	-
	STH 26 STAGE 4, PHASE 2A SUBTOTAL		352	211	260	0	291	197	131	440	296	0	10	0	0
STH 26 STAGE 4, PHASE 2B															
	STH 26 NB ON-RAMP (AUX. ALIGNMENT)	966+85 - 968+04 'CAA', RT	120	-	-	-	15	-	-	-	-	-	-	-	-
	STH 26 NB ON-RAMP	968+28 - 969+11 'CA', LT	85	-	-	-	7	-	-	-	-	-	-	-	-
	KETTERING STREET	60+44 - 61+50 'KT'	-	-	4	-	-	11	8	-	-	-	-	-	-
	TEMPORARY PAVEMENT STH 26	106+13 - 107+86 'TCE'	-	-	48	-	-	-	-	114	76	-	-	-	-
	TEMPORARY PAVEMENT STH 26	115+97 - 116+62 'TCE'	-	-	103	-	-	-	-	247	165	-	-	-	-
	TEMPORARY RAMP 'TCAL'	965+47 - 966+84 'TCAL'	-	-	20	-	-	39	32	-	-	-	-	-	-
	TEMPORARY PAVEMENT KETTERING ST	60+48 - 61+92 'KT'	-	-	11	-	-	-	-	25	17	-	-	-	-
	STH 26 STAGE 4, PHASE 2B SUBTOTAL		205	0	186	0	22	50	40	386	258	0	0	0	0
STH 26 STAGE 4, PHASE 2C															
	KETTERING STREET	60+44 - 61+50 'KT'	-	-	11	-	-	31	21	-	-	-	-	-	-
	STH 26 STAGE 4, PHASE 3 SUBTOTAL		0	0	11	0	0	31	21	0	0	0	0	0	0
STH 26 STAGE 4, PHASE 3															
	TEMPORARY PAVEMENT STH 26	100+64 - 102+64 'CW'	-	-	14	-	-	-	-	33	22	-	-	-	-
	TEMPORARY PAVEMENT STH 26	116+56 - 118+52 'CE'	-	-	9	-	-	-	-	22	15	-	-	-	-
	TEMPORARY PAVEMENT STH 26	130+25 - 130+63 'CW'	-	-	4	-	-	-	-	8	6	-	-	-	-
	STH 26 STAGE 4, PHASE 3 SUBTOTAL		0	0	27	0	0	0	0	63	43	0	0	0	0
STH 26 STAGE 4, PHASE 4															
	STH 26	130+57 - 131+27 'CE', RT	69	-	3	-	-	-	-	6	4	-	-	-	-
	STH 26 NB OFF-RAMP	965+15 - 965+82 'CB', RT	67	-	-	-	9	-	-	-	-	-	-	-	-
	STH 26 NB OFF-RAMP	965+15 - 966+32 'CB', LT	117	-	-	-	9	-	-	-	-	-	-	-	-
	STH 26 NB OFF-RAMP (AUX. ALIGNMENT)	964+40 - 965+83 'CBA', RT	222	-	-	-	33	-	-	-	-	-	-	-	-
	KETTERING STREET	64+01 - 65+44 'KT'	-	-	26	-	-	76	51	-	-	-	-	-	-
	TEMPORARY PAVEMENT STH 26	118+52 - 119+07 'CW'	-	-	9	-	-	-	-	20	14	-	-	-	-
	TEMPORARY PAVEMENT STH 26	120+80 - 121+62 'CW'	-	-	12	-	-	-	-	28	19	-	-	-	-
	TEMPORARY PAVEMENT KETTERING ST	64+02 - 65+46 'KT'	-	-	8	-	-	-	-	19	13	-	-	-	-
	STH 26 STAGE 4, PHASE 4 SUBTOTAL		475	0	58	0	51	76	51	73	50	0	0	0	0
STH 26 STAGE 4, PHASE 4A															
	STH 26 SB ON-RAMP	960+18 - 963+45 'CC', RT	47	-	-	-	4	-	-	-	-	-	-	-	-
	STH 26 SB ON-RAMP	960+49 - 963+53 'CC', LT	49	-	-	-	6	-	-	-	-	-	-	-	-
	STH 26	100+82 - 106+82 'CE', RT	-	-	-	-	115	-	-	-	-	-	-	-	-
	STH 26	4+02 - 5+05 'DSP'	-	-	-	-	37	-	-	-	-	-	-	-	-
	KETTERING STREET	64+01 - 65+44 'KT'	-	-	13	-	-	38	26	-	-	-	-	-	-
	STH 26 STAGE 4, PHASE 4A SUBTOTAL		96	0	13	0	162	38	26	0	0	0	0	0	0
STH 26 STAGE 4, PHASE 4B															
	KETTERING STREET	64+01 - 65+44 'KT'	-	-	25	-	-	75	50	-	-	-	-	-	-
	STH 26 STAGE 4, PHASE 4B SUBTOTAL		0	0	25	0	0	75	50	0	0	0	0	0	0
STH 26 STAGE 4, PHASE 4C															
	MORSE STREET	70+72 - 71+39 'MS'	-	-	31	67	49	-	-	-	-	-	-	-	-
	KETTERING STREET	64+01 - 65+44 'KT'	-	35	20	-	-	58	39	-	-	-	-	-	-
	EAST FRONTAGE ROAD	40+44 - 41+17 'EFR'	-	-	20	-	-	58	39	-	-	-	-	-	-
	STH 26 STAGE 4, PHASE 4C SUBTOTAL		0	35	71	67	49	116	78	0	0	0	0	0	0
STH 26 STAGE 5, PHASE 1															
	STH 26 NB ON-RAMP (AUX. ALIGNMENT)	965+85 - 966+84 'CAA'	99	3	-	-	13	-	-	-	-	-	-	-	-
	STH 26 SB OFF-RAMP (AUX. ALIGNMENT)	962+82 - 963+95 'CDA'	113	5	-	-	14	-	-	-	-	-	-	-	-
	STH 26	2+25 - 3+63 'DNP'	-	7	-	-	27	-	-	-	-	-	-	-	-
	RYAN ROAD CUL-DE-SAC	20+00 - 21+96 'RYM'	-	95	100	220	160	-	-	-	-	-	-	-	-
	STH 26 STAGE 5, PHASE 1 SUBTOTAL		212	110	100	220	214	0	0	0	0	0	0	0	0
STH 26 STAGE 5, PHASE 2															
	KETTERING STREET	65+44 - 67+80 'KT'	-	10	8	-	-	23	15	-	-	-	-	-	-
	STH 26 STAGE 5, PHASE 2 SUBTOTAL		0	10	8	0	0	23	15	0	0	0	0	0	0
	UNDISTRIBUTED		58	38	274	132	253	177	162	285	181	7	5	7	11
	1005-10-77 PROJECT TOTAL		**21,900**	**1,390**	**5,300**	**2,300**	**6,070**	**3,650**	**3,000**	**5,500**	**3,750**	**105**	**40**	**130**	**761**

*ADDITIONAL QUANTITY FOUND IN "ASPHALT PAVEMENT ITEMS" TABLE IN 1005-10-83 PROJECT

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CULVERT PIPE

ALI	STA	OFFSET	STA	OFFSET	SKEW	INLET ELEV	OUTLET ELEV	SLOPE %	PIPE CLASS	PIPE THICKNESS STEEL (IN)	520.8000* CONCRETE COLLARS FOR PIPE (EACH)	521.3118* CULVERT PIPE CORRUGATED STEEL 18-INCH (LF)	521.3124**** CULVERT PIPE CORRUGATED STEEL 24-INCH (LF)	521.3142 CULVERT PIPE CORRUGATED STEEL 42-INCH (LF)	521.1018** APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH (EACH)	521.1024***** APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH (EACH)	521.1042 APRON ENDWALLS FOR CULVERT PIPE STEEL 42-INCH (EACH)	522.0118 CULVERT PIPE REINFORCED CONCRETE CLASS III 18-INCH (LF)	522.0124 CULVERT PIPE REINFORCED CONCRETE CLASS III 24-INCH (LF)	522.0130 CULVERT PIPE REINFORCED CONCRETE CLASS III 30-INCH (LF)	522.0518 CULVERT PIPE REINFORCED CONCRETE CLASS V 18-INCH (LF)	522.0524 CULVERT PIPE REINFORCED CONCRETE CLASS V 24-INCH (LF)	522.1018** APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH (EACH)	522.1024** APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH (EACH)	522.1030** APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH (EACH)
PROJECT 1005-10-77																								
CATEGORY 1000																								
HB	917+85	53.8' RT	918+97	54.9' LT	44°11'55" LHF	878.21	877.24	0.62	■	-	-	-	-	-	-	-	-	-	156	-	-	-	-	2	-
HB	920+63	38.6' LT	920+66	26.3' RT	3°05'29" RHF	879.96	879.47	0.74	IV	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HB	920+68	38.9' LT	920+71	27.1' RT	3°05'29" RHF	879.96	879.47	0.74	IV	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEA	243+39	61.3' RT	243+63	61.8' RT	-	883.56	883.17	1.56	-	0.064	-	-	25	-	-	2	-	-	-	-	-	-	-	-	-
HEA	246+72	117.1' LT	246+71	65.1' RT	0°37'52" LHF	880.80	880.00	0.44	IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEA	246+79	117.1' LT	246+78	65.1' RT	0°37'52" LHF	880.80	880.00	0.44	IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCA	962+00	35.2' LT	962+00	55.6' RT	0°00'00" LHF	894.88	894.10	0.86	■	-	-	-	-	-	-	-	-	-	91	-	-	-	-	2	-
CBA	965+55	39.5' RT	965+55	44.3' LT	0°00'00" LHF	896.98	896.12	1.02	■	-	-	-	-	-	-	-	-	-	84	-	-	-	-	2	-
CAA	966+47	47.6' RT	966+47	62.2' LT	0°00'00" LHF	895.92	895.07	0.77	■	-	-	-	-	-	-	-	-	-	-	110	-	-	-	-	2
CA	968+58	16.0' RT	968+03	110.7' LT	25°33'05" RHF	896.70	895.57	0.81	V	-	-	-	-	-	-	-	-	-	-	-	-	139	-	2	-
KY	217+43	47.9' RT	217+43	27.4' LT	0°00'00" LHF	884.64	883.25	1.85	■	-	-	-	-	-	-	-	-	-	75	-	-	-	-	2	-
KY	218+09	45.1' RT	218+09	20.6' LT	0°00'00" LHF	887.13	884.63	3.79	V	-	-	-	-	-	-	-	-	-	-	-	-	66	-	2	-
BR	11+88	25.0' LT	11+67	25.0' LT	-	889.64	889.24	1.82	■	-	-	-	-	-	-	-	-	22	-	-	-	-	2	-	-
BR	11+11	26.4' RT	10+90	30.0' RT	-	888.05	887.06	4.71	■	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
TCAA	966+10	39.7' LT	966+01	20.2 RT	-	899.51	899.18	0.55	-	0.064	-	60	-	-	2	-	-	-	-	-	-	-	-	-	-
-	983+07	187.6' RT	982+85	75.4' RT	-	901.74	901.31	0.38	-	0.064	1	-	-	114	-	-	1	-	-	-	-	-	-	-	-
-	983+67	203.0' RT	983+48	87.5' RT	-	905.44	903.81	1.39	-	0.064	1	-	117	-	-	1	-	-	-	-	-	-	-	-	-
TKY	212+64	24.4' RT	214+12	26.6' LT	-	886.00	885.50	0.32	V	-	-	-	-	-	-	-	-	-	-	-	-	156	-	2	-
TKY	212+66	29.0' RT	214+14	21.8' LT	-	886.00	885.50	0.32	V	-	-	-	-	-	-	-	-	-	-	-	-	156	-	2	-
XCA	991+25	25.2' LT	991+25	63.7' RT	-	919.83	918.05	2.00	V	-	-	-	-	-	-	-	-	-	-	-	89	-	2	-	-
-	900+63	109.1' LT	900+63	128.6' LT	-	877.19	876.99	1.00	■	-	1	-	-	-	-	-	-	20	-	-	-	-	1	-	-
-	991+24	62.1' RT	991+27	128.1' RT	-	918.05	916.73	2.00	■	-	-	-	-	-	-	-	-	66	-	-	-	-	-	-	-
-	1003+63	14.1' LT	1003+63	0.5' RT	-	901.16	901.06	0.67	■	-	1	-	-	-	-	-	-	-	15	-	-	-	-	1	-
-	1003+61	53.9' RT	1003+60	98.9 'RT	-	900.72	900.43	0.64	■	-	1	-	-	-	-	-	-	-	45	-	-	-	-	1	-
THC	916+51	32.6' LT	917+96	44.0' RT	-	890.00	888.00	1.22	■	-	-	-	-	-	-	-	-	164	-	-	-	-	2	-	-
HC	924+43	23.1' LT	924+40	43.5' RT	-	881.55	881.38	0.25	V	-	1	-	-	-	-	-	-	-	-	-	67	-	-	-	-
HC	924+46	23.0' LT	924+43	43.7' RT	-	881.55	881.38	0.25	V	-	1	-	-	-	-	-	-	-	-	-	67	-	-	-	-
THD	928+65	7.1' RT	928+50	52.7' RT	-	882.47	882.35	0.25	■	-	1	-	-	-	-	-	-	-	48	-	-	-	-	1	-
TCD	969+48	42.6' LT	969+48	57.7'RT	-	909.50	908.00	1.38	■	-	-	-	-	-	-	-	-	109	-	-	-	-	2	-	-
TCD	977+46	28.3' LT	979+89	45.7' RT	-	930.10	929.00	0.58	-	0.064	-	-	365	-	-	2	-	-	-	-	-	-	-	-	-
-	1059+35	29.0' LT	-	-	-	908.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1078+25	35.0' LT	-	-	-	915.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1081+50	18.8' LT	1081+50	56.0' LT	-	917.25	916.98	0.71	■	-	1	-	-	-	-	-	-	-	38	-	-	-	-	1	-
-	1082+50	39.5' LT	1082+50	26.5' LT	-	922.90	922.65	1.92	■	-	1	-	-	-	-	-	-	-	13	-	-	-	-	1	-
-	1086+21	74.4' LT	1085+38	70.7' LT	87°30'00" LHF	931.00	930.00	1.20	■	-	-	-	-	-	-	-	-	83	-	-	-	-	2	-	-
		PROJECT 1005-10-77 TOTALS									**12**	**60**	**507**	**114**	**2**	**5**	**1**	**464**	**565**	**110**	**223**	**517**	**13**	**21**	**2**

*ADDITIONAL QUANTITY FOUND IN "STORM SEWER PIPE SCHEDULE" TABLE AND "TEMPORARY STORM SEWER PIPE SCHEDULE" TABLE
**ADDITIONAL QUANTITY FOUND IN "STORM SEWER STRUCTURE SCHEDULE - ENDWALLS" TABLE AND "TEMPORARY STORM SEWER STRUCTURE SCHEDULE - ENDWALLS" TABLE
***ADDITIONAL QUANTITY FOUND IN "STORM SEWER STRUCTURE SCHEDULE - ENDWALLS" TABLE
****ADDITIONAL QUANTITY FOUND IN "TEMPORARY STORM SEWER PIPE SCHEDULE" TABLE
*****ADDITIONAL QUANTITY FOUND IN "TEMPORARY STORM SEWER STRUCTURE SCHEDULE - ENDWALLS"

Addendum No. 1
ID 1005-10-77
Revised Sheet 1770
November 28, 2018

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CULVERT PIPE (CONTINUED)

ALI	STA	OFFSET	STA	OFFSET	SKEW	INLET ELEV	OUTLET ELEV	SLOPE %	PIPE CLASS	PIPE THICKNESS STEEL (IN)	522.2614 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HE 14x23-INCH (EACH)	522.2619*** APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HE 19x30-INCH (EACH)	524.0618***** APRON ENDWALLS FOR CULVERT PIPE SALVAGED 18-INCH (EACH)	524.0624*** APRON ENDWALLS FOR CULVERT PIPE SALVAGED 24-INCH (EACH)	522.2414 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14x23-INCH (LF)	522.2419 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19x30-INCH (LF)	522.2429 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 29x45-INCH (LF)	504.0900 CONCRETE MASONRY ENDWALLS (CY)	633.5200*** MARKERS CULVERT END (EACH)
PROJECT 1005-10-77																			
CATEGORY 1000																			
HB	917+85	53.8' RT	918+97	54.9' LT	44°11'55" LHF	878.21	877.24	0.62	[redacted]	-	-	-	-	-	-	-	-	-	2
HB	920+63	38.6' LT	920+66	26.3' RT	3°05'29" RHF	879.96	879.47	0.74	IV	-	-	1	-	-	-	65	-	-	1
HB	920+68	38.9' LT	920+71	27.1' RT	3°05'29" RHF	879.96	879.47	0.74	IV	-	-	1	-	-	-	66	-	-	1
HEA	243+39	61.3' RT	243+63	61.8' RT	-	883.56	883.17	1.56	-	0.064	-	-	-	-	-	-	-	-	2
HEA	246+72	117.1' LT	246+71	65.1' RT	0°37'52" LHF	880.80	880.00	0.44	IV	-	-	-	-	-	-	-	181	3	1
HEA	246+79	117.1' LT	246+78	65.1' RT	0°37'52" LHF	880.80	880.00	0.44	IV	-	-	-	-	-	-	-	181	3	1
CCA	962+00	35.2' LT	962+00	55.6' RT	0°00'00" LHF	894.88	894.10	0.86	[redacted]	-	-	-	-	-	-	-	-	-	2
CBA	965+55	39.5' RT	965+55	44.3' LT	0°00'00" LHF	896.98	896.12	1.02	[redacted]	-	-	-	-	-	-	-	-	-	2
CAA	966+47	47.6' RT	966+47	62.2' LT	0°00'00" LHF	895.92	895.07	0.77	[redacted]	-	-	-	-	-	-	-	-	-	2
CA	968+58	16.0' RT	968+03	110.7' LT	25°33'05" RHF	896.70	895.57	0.81	V	-	-	-	-	-	-	-	-	-	2
KY	217+43	47.9' RT	217+43	27.4' LT	0°00'00" LHF	884.64	883.25	1.85	[redacted]	-	-	-	-	-	-	-	-	-	2
KY	218+09	45.1' RT	218+09	20.6' LT	0°00'00" LHF	887.13	884.63	3.79	V	-	-	-	-	-	-	-	-	-	2
BR	11+88	25.0' LT	11+67	25.0' LT	-	889.64	889.24	1.82	[redacted]	-	-	-	-	-	-	-	-	-	2
BR	11+11	26.4' RT	10+90	30.0' RT	-	888.05	887.06	4.71	[redacted]	-	2	-	-	-	21	-	-	-	2
TCAA	966+10	39.7' LT	966+01	20.2 RT	-	899.51	899.18	0.55	-	0.064	-	-	-	-	-	-	-	-	-
-	983+07	187.6' RT	982+85	75.4' RT	-	901.74	901.31	0.38	-	0.064	-	-	-	-	-	-	-	-	-
-	983+67	203.0' RT	983+48	87.5' RT	-	905.44	903.81	1.39	-	0.064	-	-	-	-	-	-	-	-	-
TKY	212+64	24.4' RT	214+12	26.6' LT	-	886.00	885.50	0.32	V	-	-	-	-	-	-	-	-	-	2
TKY	212+66	29.0' RT	214+14	21.8' LT	-	886.00	885.50	0.32	V	-	-	-	-	-	-	-	-	-	2
XCA	991+25	25.2' LT	991+25	63.7' RT	-	919.83	918.05	2.00	V	-	-	-	-	-	-	-	-	-	-
-	900+63	109.1' LT	900+63	128.6' LT	-	877.19	876.99	1.00	[redacted]	-	-	-	-	-	-	-	-	-	-
-	991+24	62.1' RT	991+27	128.1' RT	-	918.05	916.73	2.00	[redacted]	-	-	-	1	-	-	-	-	-	-
-	1003+63	14.1' LT	1003+63	0.5' RT	-	901.16	901.06	0.67	[redacted]	-	-	-	-	-	-	-	-	-	-
-	1003+61	53.9' RT	1003+60	98.9 'RT	-	900.72	900.43	0.64	[redacted]	-	-	-	-	-	-	-	-	-	-
THC	916+51	32.6' LT	917+96	44.0' RT	-	890.00	888.00	1.22	[redacted]	-	-	-	-	-	-	-	-	-	-
HC	924+43	23.1' LT	924+40	43.5' RT	-	881.55	881.38	0.25	V	-	-	-	-	-	-	-	-	-	-
HC	924+46	23.0' LT	924+43	43.7' RT	-	881.55	881.38	0.25	V	-	-	-	-	-	-	-	-	-	-
THD	928+65	7.1' RT	928+50	52.7' RT	-	882.47	882.35	0.25	[redacted]	-	-	-	-	-	-	-	-	-	-
TCD	969+48	42.6' LT	969+48	57.7'RT	-	909.50	908.00	1.38	[redacted]	-	-	-	-	-	-	-	-	-	-
TCD	977+46	28.3' LT	973+89	46.7' RT	-	930.10	928.00	0.58	-	0.064	-	-	-	-	-	-	-	-	-
-	1059+35	29.0' LT	-	-	-	908.20	-	-	-	-	-	-	-	-	-	-	-	-	1
-	1078+25	35.0' LT	-	-	-	915.93	-	-	-	-	-	-	-	1	-	-	-	-	1
-	1081+50	18.8' LT	1081+50	56.0' LT	-	917.25	916.98	0.71	[redacted]	-	-	-	-	-	-	-	-	-	1
-	1082+50	39.5' LT	1082+50	26.5' LT	-	922.90	922.65	1.92	[redacted]	-	-	-	-	-	-	-	-	-	1
-	1086+21	74.4' LT	1085+38	70.7' LT	87°30'00" LHF	931.00	930.00	1.20	[redacted]	-	-	-	-	-	-	-	-	-	2
		PROJECT 1005-10-77 TOTALS									**2**	**2**	**1**	**1**	**21**	**131**	**362**	**6**	**34**

*ADDITIONAL QUANTITY FOUND IN "STORM SEWER PIPE SCHEDULE" TABLE AND "TEMPORARY STORM SEWER PIPE SCHEDULE" TABLE
**ADDITIONAL QUANTITY FOUND IN "STORM SEWER STRUCTURE SCHEDULE - ENDWALLS" TABLE AND "TEMPORARY STORM SEWER STRUCTURE SCHEDULE - ENDWALLS" TABLE
***ADDITIONAL QUANTITY FOUND IN "STORM SEWER STRUCTURE SCHEDULE - ENDWALLS" TABLE
****ADDITIONAL QUANTITY FOUND IN "TEMPORARY STORM SEWER PIPE SCHEDULE" TABLE
*****ADDITIONAL QUANTITY FOUND IN "TEMPORARY STORM SEWER STRUCTURE SCHEDULE - ENDWALLS"

Addendum No. 1
ID 1005-10-77
Revised Sheet 1771
November 28, 2018

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CULVERT PIPE (CONTINUED)

ESTIMATED LENGTH (PER STAGE)

ALI	STA	OFFSET	STA	OFFSET	STAGE 2 PHASE 1	STAGE 2 PHASE 2	STAGE 2 PHASE 3	STAGE 2 PHASE 4	STAGE 3	STAGE 4 PHASE 1	STAGE 4 PHASE 2A	STAGE 4 PHASE 2B	STAGE 4 PHASE 2C	STAGE 4 PHASE 3	STAGE 4 PHASE 4	STAGE 4 PHASE 4A	STAGE 4 PHASE 4B	STAGE 4 PHASE 4C	STAGE 5
PROJECT 1005-10-77																			
CATEGORY 1000																			
HB	917+85	53.8' RT	918+97	54.9' LT	-	78	78	-	-	-	-	-	-	-	-	-	-	-	-
HB	920+63	38.6' LT	920+66	26.3' RT	-	65	-	-	-	-	-	-	-	-	-	-	-	-	-
HB	920+68	38.9' LT	920+71	27.1' RT	-	66	-	-	-	-	-	-	-	-	-	-	-	-	-
HEA	243+39	61.3' RT	243+63	61.8' RT	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-
HEA	246+72	117.1' LT	246+71	65.1' RT	181	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEA	246+79	117.1' LT	246+78	65.1' RT	181	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCA	962+00	35.2' LT	962+00	55.6' RT	-	-	-	-	-	-	-	-	-	91	-	-	-	-	-
CBA	965+55	39.5' RT	965+55	44.3' LT	-	-	-	-	-	-	-	-	-	-	84	-	-	-	-
CAA	966+47	47.6' RT	966+47	62.2' LT	-	-	-	-	-	-	-	110	-	-	-	-	-	-	-
CA	968+58	16.0' RT	968+03	110.7' LT	139	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KY	217+43	47.9' RT	217+43	27.4' LT	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KY	218+09	45.1' RT	218+09	20.6' LT	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BR	11+88	25.0' LT	11+67	25.0' LT	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BR	11+11	26.4' RT	10+90	30.0' RT	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TCAA	966+10	39.7' LT	966+01	20.2 RT	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	983+07	187.6' RT	982+85	75.4' RT	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	983+67	203.0' RT	983+48	87.5' RT	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TKY	212+64	24.4' RT	214+12	26.6' LT	156	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TKY	212+66	29.0' RT	214+14	21.8' LT	156	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XCA	991+25	25.2' LT	991+25	63.7' RT	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	900+63	109.1' LT	900+63	128.6' LT	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-
-	991+24	62.1' RT	991+27	128.1' RT	-	-	-	66	-	-	-	-	-	-	-	-	-	-	-
-	1003+63	14.1' LT	1003+63	0.5' RT	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-
-	1003+61	53.9' RT	1003+60	98.9'RT	-	-	-	45	-	-	-	-	-	-	-	-	-	-	-
THC	916+51	32.6' LT	917+96	44.0' RT	-	-	-	-	164	-	-	-	-	-	-	-	-	-	-
HC	924+43	23.1' LT	924+40	43.5' RT	-	-	-	-	67	-	-	-	-	-	-	-	-	-	-
HC	924+46	23.0' LT	924+43	43.7' RT	-	-	-	-	67	-	-	-	-	-	-	-	-	-	-
THD	928+65	7.1' RT	928+50	52.7' RT	-	-	-	-	-	48	-	-	-	-	-	-	-	-	-
TCD	969+48	42.6' LT	969+48	57.7'RT	-	-	-	-	-	109	-	-	-	-	-	-	-	-	-
TCD	977+46	28.3' LT	977+59	45.7' RT	-	-	-	-	-	365	-	-	-	-	-	-	-	-	-
-	1059+35	29.0' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ENDWALL
-	1078+25	35.0' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ENDWALL
-	1081+50	18.8' LT	1081+50	56.0' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
-	1082+50	39.5' LT	1082+50	26.5' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
-	1086+21	74.4' LT	1085+38	70.7' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83
		PROJECT 1005-10-77 TOTALS			**1,377**	**209**	**98**	**126**	**298**	**522**	**0**	**0**	**110**	**0**	**91**	**109**	**0**	**0**	**0**	**134**

CLEANING CULVERT PIPES

520,8700

	LOCATION	STATION	OFFSET	CLEANING CULVERT PIPES (EACH)
1005-10-77				
CATEGORY 1000				
STAGE 2, PHASE 1				
	IH 39/90 & RAMPS			
	BEGIN PROJECT - USH 14	891+62'SB'	LT/RT	1
	BEGIN PROJECT - USH 14	900+61'SB'	LT	1
	BEGIN PROJECT - USH 14	909+62	LT/RT	1
	BEGIN PROJECT - USH 14	911+70'HB'	LT	1
	BEGIN PROJECT - USH 14	916+56'HC'	LT/RT	1
	BEGIN PROJECT - USH 14	920+72'HBB'	LT	1
	BEGIN PROJECT - USH 14	920+79'HBB'	LT	1
	BEGIN PROJECT - USH 14	924+00'HC'	RT	1
	BEGIN PROJECT - USH 14	924+56'HCB'	LT	1
	BEGIN PROJECT - USH 14	924+60'HCB'	LT	1
	USH 14 - RYAN ROAD	923+02'HA'	RT	1
	USH 14 - RYAN ROAD	923+06'HA'	RT	1
	USH 14 - RYAN ROAD	927+96'HA'	RT	1
	USH 14 - RYAN ROAD	928+02'HA'	RT	1
	USH 14 - RYAN ROAD	929+22'HD'	LT/RT	1
	USH 14 - RYAN ROAD	929+75	RT	1
	USH 14 - RYAN ROAD	938+05	RT	1
	USH 14 - RYAN ROAD	951+84'SB'	LT	1
	RYAN ROAD - STH 26	957+53'CC'	LT/RT	1
	RYAN ROAD - STH 26	961+56'CC'	LT/RT	1
	RYAN ROAD - STH 26	958+82'SB'	LT/RT	1
	RYAN ROAD - STH 26	957+25'CB'	RT	1
	RYAN ROAD - STH 26	962+96'SB'	LT/RT	1
	STH 26 - WSOR	966+98'CAA'	LT	1
	STH 26 - WSOR	982+68'SB'	LT/RT	1
	WSOR - KENNEDY ROAD	983+26'SB'	LT/RT	1
	WSOR - KENNEDY ROAD	1003+63	RT	1
	KENNEDY ROAD - END PROJECT	1033+37	LT/RT	1
	IH 39/90 & RAMPS SUBTOTAL			28
	USH 14 & RAMPS			
	USH 14	926+14'HD'	LT/RT	1
	USH 14	248+23'HWA'	LT	1
	USH 14	249+13'HEA'	RT	1
	USH 14	254+21'HWA'	RT	1
	USH 14	920+07'HAB'	LT	1
	USH 14	259+83'HWA'	LT/RT	1
	USH 14	259+88'HWA'	LT/RT	1
	USH 14 & RAMPS SUBTOTAL			7
	RYAN ROAD			
	RYAN ROAD	16+35'RY'	RT	1
	RYAN ROAD SUBTOTAL			1
	STH 26 & RAMPS			
	STH 26	107+00'CW'	LT	1
	STH 26	962+55'CC'	LT/RT	1
	STH 26	963+82'CDA'	RT	1
	STH 26	111+52'CE'	RT	1
	STH 26	111+65'CW'	LT/RT	1
	STH 26	119+35'CE'	LT/RT	1
	STH 26	966+29'CA'	LT	1
	STH 26	129+58'CE'	RT	1
	STH 26	137+48'CE'	LT/RT	1
	STH 26	140+25'CE'	RT	1
	STH 26	140+25'CE'	LT	1
	STH 26 & RAMPS SUBTOTAL			11
	KENNEDY ROAD			
	KENNEDY ROAD	207+55'KY'	LT	1
	KENNEDY ROAD	212+52'KY'	LT	1
	KENNEDY ROAD	212+56'KY'	LT	1
	KENNEDY ROAD	218+12'KY'	LT	1
	KENNEDY ROAD	11+78'BR'	LT	1
	KENNEDY ROAD	13+58'BR'	RT	1
	KENNEDY ROAD SUBTOTAL			6
	STAGE 2, PHASE 1 TOTAL			53
	UNDISTRIBUTED			7
	PROJECT 1005-10-77 TOTAL			**60**

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CONCRETE CURB AND GUTTER

1005-10-77 CATEGORY 1000	LOCATION	STATION - STATION	601.0405 CONCRETE CURB AND GUTTER 18-INCH TYPE A (LF)	601.0407 CONCRETE CURB AND GUTTER 18-INCH TYPE D (LF)	601.0417 CONCRETE CURB AND GUTTER 30-INCH TYPE K (LF)	601.0419* CONCRETE CURB AND GUTTER 30-INCH TYPE L (LF)	601.0511 CONCRETE CURB AND GUTTER INTEGRAL 6-INCH SLOPED 36-INCH (LF)	601.0551 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE A (LF)	601.0580 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE R (LF)	601.0590 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT (LF)	601.0600 CONCRETE CURB PEDESTRIAN (LF)	SPV.0090.001 CONCRETE CURB AND GUTTER 30-INCH TYPE K SPECIAL (LF)	SPV.0090.002 CONCRETE CURB AND GUTTER 30-INCH TYPE L SPECIAL (LF)	SPV.0090.007 CONCRETE CURB AND GUTTER INTEGRAL 30-INCH TYPE K SPECIAL (LF)
STAGE 2, PHASE 1														
	KENNEDY ROAD	208+00'KY' - 229+00'KY'	-	-	-	435	-	-	-	-	-	-	-	-
	STAGE 2, PHASE 1 SUBTOTAL		0	0	0	435	0	0	0	0	0	0	0	0
STAGE 2, PHASE 2														
	USH 14 NB OFF-RAMP	907+00'HB' - 921+00'HB'	-	-	55	183	-	-	-	-	-	-	-	-
	USH 14 NB OFF-RAMP	907+00'HB' - 921+00'HB'	-	-	-	176	-	-	-	-	-	-	-	-
	STAGE 2, PHASE 2 SUBTOTAL		0	0	55	359	0	0	0	0	0	0	0	0
STAGE 2, PHASE 3														
	USH 14 NB OFF-RAMP	907+00'HB' - 921+00'HB'	-	-	-	-	-	-	-	22	-	-	-	-
	STAGE 2, PHASE 3 SUBTOTAL		0	0	0	0	0	0	0	22	0	0	0	0
STAGE 2, PHASE 4														
	WSOR - KENNEDY ROAD	983+00 - 1015+50	-	-	-	-	-	-	-	22	-	-	-	-
	USH 14 NB ON-RAMP	920+00'HA' - 934+00'HA'	-	-	96	-	-	-	-	15	-	-	-	-
	USH 14 WB	246+62'HWA' - 253+79'HWA'	-	-	-	-	-	155	-	-	-	-	-	-
	STAGE 2, PHASE 4 SUBTOTAL		0	0	96	0	0	155	0	37	0	0	0	0
STAGE 3														
	USH 14 EB	246+62'HEA' - 253+79'HEA'	-	-	-	302	-	-	-	-	-	-	-	-
	STAGE 4, PHASE 1 SUBTOTAL		0	0	0	302	0	0	0	0	0	0	0	0
STAGE 4, PHASE 2														
	DEERFIELD DRIVE NB	46+00'DDN' - 54+00'DDN	-	127	-	987	-	-	-	-	55	-	-	-
	RYAN ROAD	10+00'RY' - 20+00'RY'	-	704	-	-	-	-	-	-	-	-	279	-
	KENNEDY ROAD	208+00'KY' - 229+00'KY'	-	-	-	461	-	-	-	-	-	-	-	-
	STAGE 4, PHASE 2 SUBTOTAL		0	831	0	1,448	0	0	0	0	55	0	279	0
STAGE 4, PHASE 3														
	RYAN ROAD - STH 26	953+00 - 964+00	-	-	-	-	-	-	-	22	-	-	-	-
	USH 14 SB ON-RAMP	913+00'HC' - 925+00'HC'	-	-	-	-	-	-	-	22	-	-	-	-
	USH 14 SB OFF-RAMP	926+00'HD' - 938+00'HD'	-	-	-	288	-	-	-	-	-	60	-	-
	STAGE 4, PHASE 3 SUBTOTAL		0	0	0	288	0	0	0	44	0	60	0	0
STAGE 4, PHASE 4														
	BEGIN OF PROJECT - USH 14	880+00 - 923+00	-	-	-	-	-	-	-	22	-	-	-	-
	STAGE 4, PHASE 4 SUBTOTAL		0	0	0	0	0	0	0	22	0	0	0	0
STAGE 6														
	KENNEDY ROAD - END PROJECT	1015+50 - 1032+00	-	-	-	-	-	-	-	22	-	-	-	-
	STAGE 6 SUBTOTAL		0	0	0	0	0	0	0	22	0	0	0	0
	SUBTOTAL		0	831	151	2,832	0	155	0	147	55	60	279	0

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CONCRETE CURB AND GUTTER (CONTINUED)

LOCATION	STATION - STATION	601.0405 CONCRETE CURB AND GUTTER 18-INCH TYPE A (LF)	601.0407 CONCRETE CURB AND GUTTER 18-INCH TYPE D (LF)	601.0417 CONCRETE CURB AND GUTTER 30-INCH TYPE K (LF)	601.0419* CONCRETE CURB AND GUTTER 30-INCH TYPE L (LF)	601.0511 CONCRETE CURB AND GUTTER INTEGRAL 6-INCH SLOPED 36-INCH (LF)	601.0551 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE A (LF)	601.0580 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE R (LF)	601.0590 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT (LF)	601.0600 CONCRETE CURB PEDESTRIAN (LF)	SPV.0090.001 CONCRETE CURB AND GUTTER 30-INCH TYPE K SPECIAL (LF)	SPV.0090.002 CONCRETE CURB AND GUTTER 30-INCH TYPE L SPECIAL (LF)	SPV.0090.007 CONCRETE CURB AND GUTTER INTEGRAL 30-INCH TYPE K SPECIAL (LF)
1005-10-77 CATEGORY 1000													
SUBTOTAL		0	831	151	2,832	0	155	0	147	55	60	279	0
STH 26 STAGE 2, PHASE 1													
STH 26	96+00'CW' - 144+00'CW'	-	-	-	-	-	-	-	-	-	351	-	-
STH 26 NB ON-RAMP	963+50'CA' - 978+72'CA'	-	-	-	-	-	-	-	40	-	-	-	-
STH 26 WEST FRONTAGE ROAD	80+00'WFR' - 83+00'WFR'	-	-	-	34	-	-	-	-	26	-	-	-
STH 26 STAGE 2, PHASE 1 SUBTOTAL		0	0	0	34	0	0	0	40	26	351	0	0
STH 26 STAGE 4, PHASE 1													
STH 26 NB	96+00'CE' - 144+00'CE'	-	-	-	-	385	-	-	-	-	-	-	-
STH 26 SB	96+00'CW' - 144+00'CW'	-	-	-	97	-	-	-	-	-	-	-	330
RAMP CDA	962+20 'CDA' - 965+29 'CDA'	-	-	-	-	-	-	251	-	-	-	-	-
STH 26 STAGE 4, PHASE 1 SUBTOTAL		0	0	0	97	385	0	251	0	0	0	0	330
STH 26 STAGE 4, PHASE 2A													
STH 26 NB	96+00'CE' - 144+00'CE'	-	-	-	-	-	-	-	-	-	683	-	-
STH 26 SB	96+00'CW' - 144+00'CW'	-	-	-	-	-	-	-	-	-	2,101	-	-
RAMP CDA	962+20 'CDA' - 965+29 'CDA'	-	-	-	-	-	-	83	-	-	-	-	-
KETTERING STREET	60+00 'KT' - 66+00 'KT'	-	20	-	-	-	-	-	-	-	30	107	-
WEST FRONTAGE ROAD	80+62'WFR' - 82+75'WFR'	-	34	-	-	-	-	-	-	-	-	394	-
STH 26 STAGE 4, PHASE 2A SUBTOTAL		0	54	0	0	0	0	83	0	0	2,814	501	0
STH 26 STAGE 4, PHASE 2C													
KETTERING STREET	60+00 'KT' - 66+00 'KT'	-	-	-	-	-	-	-	-	-	77	137	-
STH 26 STAGE 4, PHASE 2C SUBTOTAL		0	0	0	0	0	0	0	0	0	77	137	0
STH 26 STAGE 4, PHASE 3													
STH 26 NB	96+00'CE' - 144+00'CE'	-	-	-	-	-	-	-	-	-	192	-	-
RAMP CC	949+33'CC' - 967+57'CC'	-	-	-	-	-	-	-	31	-	-	-	-
STH 26 SB ON-RAMP	959+00 'CCA' - 964+00 'CCA'	-	-	-	-	-	-	-	-	-	74	-	-
STH 26 STAGE 4, PHASE 3 SUBTOTAL		0	0	0	0	0	0	0	32	0	266	0	0
STH 26 STAGE 4, PHASE 4													
STH 26 NB	96+00'CE' - 144+00'CE'	-	-	-	-	-	-	-	-	-	75	-	-
STH 26 SB	96+00'CW' - 144+00'CW'	-	-	-	-	-	-	-	-	-	139	-	-
RAMP CB	951+10'CB' - 966+89'CB'	-	-	-	-	-	-	131	-	-	42	-	-
RAMP CBA	963+48'CBA' - 966+38'CBA'	-	-	-	-	-	-	265	-	-	34	-	-
KETTERING STREET	63+50 'KT' - 65+44 'KT'	-	-	-	-	-	-	-	-	-	81	148	-
STH 26 STAGE 4, PHASE 4 SUBTOTAL		0	0	0	0	0	0	396	0	0	371	148	0
STH 26 STAGE 4, PHASE 4A													
STH 26 NB	96+00'CE' - 144+00'CE'	327	-	-	-	-	-	-	-	99	2,950	-	-
STH 26 SB	96+00'CW' - 144+00'CW'	-	-	-	-	-	-	-	-	-	1,534	-	-
STH 26 SB ON-RAMP	949+33'CC' - 967+57'CC'	-	-	-	-	-	-	-	-	-	192	-	-
STH 26 SB ON-RAMP	959+00 'CCA' - 964+00 'CCA'	-	-	-	-	-	-	-	-	-	60	-	-
STH 26 STAGE 4, PHASE 4A SUBTOTAL		327	0	0	0	0	0	0	0	99	4,736	0	0
STH 26 STAGE 4, PHASE 4B													
KETTERING STREET	64+00 'KT' - 66+00 'KT'	-	-	-	-	-	-	-	-	-	92	291	-
STH 26 STAGE 4, PHASE 4B SUBTOTAL		0	0	0	0	0	0	0	0	0	92	291	0
STH 26 STAGE 4, PHASE 4C													
STH 26 NB	96+00'CE' - 144+00'CE'	-	-	-	120	-	-	-	-	-	85	-	-
KETTERING STREET	60+00 'KT' - 66+00 'KT'	-	-	-	-	-	-	-	-	-	60	356	-
STH 26 STAGE 4, PHASE 4C SUBTOTAL		0	0	0	120	0	0	0	0	0	145	356	0
STH 26 STAGE 5, PHASE 1													
STH 26 NB	96+00'CE' - 144+00'CE'	393	-	750	-	-	-	-	-	32	2,190	-	-
STH 26 SB	96+00'CW' - 144+00'CW'	406	-	-	-	-	-	-	-	83	3,188	-	-
RYAN ROAD CUL-DE-SAC	20+00 - 21+96 'RYM'	-	-	-	480	-	-	-	-	-	-	-	-
STH 26 SB OFF-RAMP	962+00'CD' - 977+00'CD'	-	-	-	-	-	-	-	-	-	43	-	-
RAMP CDA	962+39'CDA' - 962+81'CDA'	-	-	-	-	-	-	-	-	-	41	-	-
RAMP CA	963+50'CA' - 978+72'CA'	-	-	-	-	-	-	-	-	-	89	-	-
STH 26 SB ON-RAMP	959+00 'CCA' - 964+00 'CCA'	-	-	-	-	-	-	-	-	-	81	-	-
STH 26 STAGE 5, PHASE 1 SUBTOTAL		799	0	750	480	0	0	0	0	115	5,632	0	0
STH 26 STAGE 5, PHASE 2													
KETTERING STREET	60+48 'KT' - 61+92 'KT'	83	212	-	-	-	-	-	-	-	-	-	-
KETTERING STREET	65+44 'KT' - 67+80 'KT'	-	-	-	-	-	-	-	-	-	-	474	-
STH 26 STAGE 5, PHASE 2 SUBTOTAL		83	212	0	0	0	0	0	0	0	0	474	0
PROJECT 1005-10-77 TOTAL		**1,209**	**1,097**	**901**	**3,563**	**385**	**155**	**730**	**219**	**295**	**14,544**	**2,186**	**330**

*ADDITIONAL QUANTITY FOUND IN "CURB AND GUTTER" TABLE IN 1005-10-83 PROJECT

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CONCRETE BARRIER TEMPORARY PRECAST

STAGE	LOCATION	STATION - STATION	** CONCRETE BARRIER TEMPORARY PRECAST ANCHORING/ PINNING (LF)	SPV.0090.201 MAINT AND REMOVAL OF CONCRETE BARRIER TEMP PRECAST LEFT IN PLACE (LF)	SPV.0060.213 TEMPORARY CONCRETE BARRIER GATE (EACH)	SPV.0090.204 TRAFFIC CONTROL GLARE SCREEN FURNISHED (LF)	SPV.0090.205 TRAFFIC CONTROL GLARE SCREEN INSTALLED (LF)	SPV.0090.202 TRAFFIC CONTROL GAWK SCREEN FURNISHED (LF)	SPV.0090.203 TRAFFIC CONTROL GAWK SCREEN INSTALLED (LF)	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED (LF)	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED (LF)	614.0230 STEEL THRIE BEAM (LF)
1005-10-77 CATEGORY 1000												
STAGE 2, PHASE 1												
	BEGIN PROJECT - USH 14	869+80 - 923+00	250	4,400	-	2,700	2,700	3,725	3,725	10,875	10,875	100
	USH 14 - STH 26	923+00 - 964+00	300	9,000	-	2,925	2,925	4,850	4,850	10,475	10,475	150
	STH 26 - WSOR	964+00 - 983+00	100	1,900	-	-	-	1,700	1,700	3,625	3,625	100
	WSOR - KENNEDY ROAD	983+00 - 1015+50	100	3,250	-	2,750	2,750	3,125	3,125	4,650	5,350	200
	KENNEDY ROAD - END PROJECT	1015+50 - 1034+00	100	1,650	-	1,900	1,900	700	700	2,575	3,000	50
	TEMP USH 14 NB OFF-RAMP	902+63"THB" - 915+83"THB"	50	-	-	-	-	950	950	1,650	1,650	-
	STAGE 2, PHASE 1 SUBTOTAL		900	20,200	0	10,275	10,275	15,050	15,050	33,850	34,975	600
STAGE 2, PHASE 1B												
	KENNEDY ROAD - END PROJECT	1015+50 - 1034+00	-	-	-	-	-	-	-	550	1,000	50
	STAGE 2, PHASE 1B SUBTOTAL		0	0	0	0	0	0	0	550	1,000	50
STAGE 2, PHASE 2												
	BEGIN PROJECT - USH 14	869+80 - 923+00	-	-	-	-	-	-	-	2,150	2,150	-
	WSOR - KENNEDY ROAD	983+00 - 1015+50	100	-	-	-	-	-	1,075	800	2,025	100
	TEMP STH 26 NB CROSSOVER ON-RAMP	973+74"XCA" - 993+54"XCA"	50	-	-	-	-	-	-	2,125	2,125	-
	TEMPORARY KENNEDY ROAD	209+33"TKY" - 215+61"TKY"	150	-	-	-	-	-	-	725	725	-
	USH 14	248+00"HEA" - 253+00"HEA"	-	-	-	-	-	-	-	600	600	-
	STAGE 2, PHASE 2 SUBTOTAL		300	0	0	0	0	0	1,075	6,400	7,625	100
STAGE 2, PHASE 3												
	USH 14 - RYAN ROAD	923+00 - 953+00	-	-	-	-	-	-	1,825	475	1,825	50
	KENNEDY ROAD - END PROJECT	1015+50 - 1034+00	-	-	-	-	-	-	-	-	-	-
	TEMP USH 14 NB OFF-RAMP	908+95"THB" - 914+47"THB"	-	-	-	-	-	-	550	1,100	1,100	-
	USH 14	248+00"HEA" - 253+00"HEA"	-	-	-	-	-	-	-	375	375	
	STAGE 2, PHASE 3 SUBTOTAL		0	0	0	0	0	0	2,375	1,950	3,300	50
STAGE 2, PHASE 4												
	BEGIN PROJECT - USH 14	869+80 - 923+00	-	-	-	-	-	-	-	575	1,150	-
	WSOR - KENNEDY ROAD	1012+31 - 1015+11	-	-	-	-	-	-	-	-	-	-
	KENNEDY ROAD - END PROJECT	1016+65 - 1018+34	-	-	-	-	-	-	-	-	-	-
	USH 14 NB OFF-RAMP	906+69"HB" - 915+10"HB"	-	-	-	-	-	-	-	675	675	-
	STAGE 2, PHASE 4 SUBTOTAL		0	0	0	0	0	0	0	1,250	1,825	0
STAGE 3												
	BEGIN PROJECT - USH 14	862+00 - 923+00	50	-	-	-	-	-	-	5,400	5,400	50
	USH 14 - RYAN ROAD	923+00 - 953+00	-	-	-	-	-	-	-	3,000	3,000	-
	RYAN ROAD - STH 26	953+00 - 964+00	-	-	-	-	-	-	-	1,100	1,100	-
	STH 26 - WSOR	964+00 - 983+00	-	-	-	-	-	-	-	1,900	1,900	-
	WSOR - KENNEDY ROAD	983+00 - 1015+50	-	-	-	-	-	-	-	3,700	3,700	-
	KENNEDY ROAD - END PROJECT	1015+50 - 1099+00	50	-	-	2,935	2,935	-	-	10,810	10,810	50
	USH 14	248+00"HEA" - 253+00"HEA"	-	-	-	-	-	-	-	-	175	
	STAGE 3 SUBTOTAL		100	0	0	2,935	2,935	0	0	25,910	26,085	100
STAGE 4, PHASE 1												
	BEGIN PROJECT - USH 14	869+80 - 923+00	100	-	-	-	735	-	-	550.0	550.0	150
	USH 14 - RYAN ROAD	923+00 - 953+00	100	-	-	-	2,810	-	-	362.5	362.5	100
	STH 26 - WSOR	964+00 - 983+00	100	-	-	-	-	-	-	2,375	2,375	150
	WSOR - KENNEDY ROAD	983+00 - 1015+50	150	2,200	-	-	2,900	-	-	1,200	2,650	100
	KENNEDY ROAD - END PROJECT	1015+50 - 1099+00	-	-	1	-	950	-	-	4,425	4,425	50
	TEMP USH 14 SB ON-RAMP	912+85"THC" - 920+58"THC"	100	-	-	-	-	-	-	2,900	2,900	50
	USH 14	248+00"HEA" - 253+00"HEA"	-	-	-	-	-	-	-	950	950	-
	STAGE 4, PHASE 1 SUBTOTAL		550	2,200	1	0	7,395	0	0	12,762.5	14,212.5	600
STAGE 4, PHASE 2												
	WSOR - KENNEDY ROAD	983+00 - 1015+50	100	-	-	-	-	-	-	250	250	100
	TEMP USH 14 SB OFF-RAMP	928+00"THD" - 937+11"THD"	50	-	-	-	-	-	-	1,550	1,550	50
	TEMP STH 26 SB OFF-RAMP	966+42"TCD" - 977+66"TCD"	50	-	-	-	-	-	-	2,050	2,050	50
	STAGE 4, PHASE 2 SUBTOTAL		200	0	0	0	0	0	0	3,850	3,850	200
STAGE 4, PHASE 2A												
	KENNEDY ROAD - END PROJECT	1015+50 - 1099+00	-	-	-	-	-	-	-	1,150	1,600	-
	STAGE 4, PHASE 2A SUBTOTAL		0	0	0	0	0	0	0	1,150	1,600	0
STAGE 4, PHASE 3												
	STH 26 - WSOR	964+00 - 983+00	100	-	-	-	-	-	-	850	850	100
	WSOR - KENNEDY ROAD	983+00 - 1015+50	150	-	-	-	-	-	-	525	525	50
	KENNEDY ROAD - END OF PROJECT	1015+50 - 1099+00	-	-	-	-	-	-	-	490	1,040	-
	STH 26 SB OFF-RAMP	971+65"CD" - 979+80"CD"	-	-	-	-	-	-	-	575	575	-
	TEMP STH 26 SB OFF-RAMP CROSSOVER "YCD"	988+00"YCD" - 1003+02"YCD"	50	-	-	-	-	-	-	2,650	2,650	50
	STAGE 4, PHASE 3 SUBTOTAL		300	0	0	0	0	0	0	5,090	5,640	200
	SUBTOTAL		2,350	22,400	1	13,210	20,605	15,050	18,500	92,763	100,113	1,900

** NON BID ITEM. FOR INFORMATIONAL PURPOSES ONLY

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Addendum No. 1
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CONCRETE BARRIER TEMPORARY PRECAST (CONTINUED)

STAGE	LOCATION	STATION - STATION	** CONCRETE BARRIER TEMPORARY PRECAST ANCHORING/ PINNING (LF)	SPV.0090.201 MAINT AND REMOVAL OF CONCRETE BARRIER TEMP PRECAST LEFT IN PLACE (LF)	SPV.0060.213 TEMPORARY CONCRETE BARRIER GATE (EACH)	SPV.0090.204 TRAFFIC CONTROL GLARE SCREEN FURNISHED (LF)	SPV.0090.205 TRAFFIC CONTROL GLARE SCREEN INSTALLED (LF)	SPV.0090.202 TRAFFIC CONTROL GAWK SCREEN FURNISHED (LF)	SPV.0090.203 TRAFFIC CONTROL GAWK SCREEN INSTALLED (LF)	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED (LF)	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED (LF)	614.0230 STEEL THRIE BEAM (LF)
1005-10-77 CATEGORY 1000												
	SUBTOTAL		2,350	22,400	1	13,210	20,605	15,050	18,500	92,762.5	100,112.5	1,900
STAGE 4, PHASE 4												
	BEGIN PROJECT - USH 14	869+80 - 923+00	100	-	-	-	-	-	-	2,000	2,000	150
	USH 14 - RYAN ROAD	923+00 - 953+00	150	-	-	-	-	-	-	1,100	1,100	100
	WSOR - KENNEDY ROAD	983+00 - 1015+50	150	-	-	-	-	-	-	-	150	-
	USH 14 SB ON-RAMP	913+00'HC' - 922+00'HC'	50	-	-	-	-	-	-	850	850	-
	STAGE 4, PHASE 4 SUBTOTAL		450	0	0	0	0	0	0	3,950.0	4,100.0	250
STAGE 5												
	BEGIN PROJECT - USH 14	869+80 - 923+00	-	-	-	-	-	-	-	2,650	2,650	-
	WSOR - KENNEDY ROAD	983+00 - 1015+50	-	-	-	-	-	-	-	2,975	4,650	-
	KENNEDY ROAD - END PROJECT	1015+50 - 1099+00	-	-	-	-	-	-	-	4,775	5,725	-
	USH 14	248+00'HEA' - 253+00'HEA'	100	-	-	-	-	-	-	-	-	-
	STAGE 5 SUBTOTAL		100	0	0	0	0	0	0	10,400	13,025	0
STAGE 6												
	BEGIN PROJECT - USH 14	852+75 - 923+00	-	-	-	-	-	-	-	300	1,025	-
	USH 14 - STH 26	923+00 - 964+00	-	-	-	-	-	-	-	-	4,175	-
	STH 26 - WSOR	964+00 - 983+00	-	-	-	-	-	-	-	-	1,875	-
	WSOR - KENNEDY ROAD	983+00 - 1015+50	-	-	-	-	-	-	-	425	1,175	-
	KENNEDY ROAD - END PROJECT	1015+50 - 1106+50	-	-	-	-	-	-	-	125	3,125	-
	STAGE 6 SUBTOTAL		0	0	0	0	0	0	0	850	11,375	0
STH 26 STAGE 2, PHASE 2												
	STH 26	111+95'CET' - 114+70'CET'	-	-	-	-	-	-	-	275	275	-
	STH 26	114+23'CWT' - 116+23'CWT'	-	-	-	-	-	-	-	200	200	-
	STAGE 2, PHASE 2 SUBTOTAL		0	0	0	0	0	0	0	475	475	0
STH 26 STAGE 2, PHASE 2A												
	STH 26	112+70'CET' - 116+55'CET'	-	-	-	-	-	-	-	750	750	-
	STH 26	113+94'CWT' - 116+19'CWT'	-	-	-	-	-	-	-	225	225	-
	STAGE 2, PHASE 2A SUBTOTAL		0	0	0	0	0	0	0	975	975	0
STH 26 STAGE 3												
	STH 26	111+85'CET' - 116+35'CET'	-	-	-	-	-	-	-	650	650	-
	STAGE 3 SUBTOTAL		0	0	0	0	0	0	0	650	650	0
STH 26 STAGE 4, PHASE 2A												
	STH 26	111+76'CET' - 116+22'CET'	-	-	-	-	-	-	-	700	700	-
	STAGE 4, PHASE 2A SUBTOTAL		0	0	0	0	0	0	0	700	700	0
STH 26 STAGE 4, PHASE 3												
	STH 26	111+20'TCE' - 114+22'TCE'	-	-	-	-	-	-	-	300	300	-
	STAGE 4, PHASE 3 SUBTOTAL		0	0	0	0	0	0	0	300	300	0
	UNDISTRIBUTED		-	-	-	740	995	950	1,400	487.5	612.5	225
	1005-10-77 PROJECT TOTAL		**2,900**	**22,400**	**1**	**13,950**	**21,600**	**16,000**	**19,900**	**111,550**	**132,325**	**2,375**

** NON BID ITEM. FOR INFORMATIONAL PURPOSES ONLY

Addendum No. 1
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STORM SEWER STRUCTURE SCHEDULE - ENDWALLS

STRUCT. NO.	STAGE/ PHASE	STA	ALI	OFFSET	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH (EACH)	521.1015 15-INCH (EACH)	521.1018*** 18-INCH (EACH)	522.1012* APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH (EACH)	522.1015* 15-INCH (EACH)	522.1018* 18-INCH (EACH)	522.1024* 24-INCH (EACH)	522.1030*** 30-INCH (EACH)	522.1036* 36-INCH (EACH)	522.1042* 42-INCH (EACH)	522.1048 48-INCH (EACH)	522.1054 54-INCH (EACH)	524.0615 APRON ENDWALLS FOR CULVERT SALVAGED 15-INCH (EACH)	524.0624** 24-INCH (EACH)	524.0642 42-INCH (EACH)	522.2619** APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH (EACH)	522.2624 24X38-INCH (EACH)	522.2629 29X45-INCH (EACH)	522.2634 34X53-INCH (EACH)	611.9800.S .001 PIPE GRATES 36-INCH (EACH)	611.9800.S .002 PIPE GRATES 42-INCH (EACH)	611.9800.S .003 PIPE GRATES 48-INCH (EACH)	611.9800.S .004 PIPE GRATES 54-INCH (EACH)	611.9800.S .005 PIPE GRATES 34x53-INCH (EACH)	633.5200** MARKERS CULVERT END (EACH)
1005-10-77																													
CATEGORY 1000																													
63K	S4P4	886+80	SB	86.0' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
68B	S4P4	891+50	SB	101.1' LT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
69B	S4P4	890+00	SB	97.0' LT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
70B	S4P4	888+50	SB	92.7' LT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1.1	S2P3	907+76	-	112.3' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
26.0	S2P4	918+75	-	180.4' RT	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
27.1	S4P3	908+55	SB	104.8' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28.1	S4P3	917+31	HC	28.7' LT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
29.3	S2P4	912+85	HB	12.9' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.1	S2P3	916+76	HB	32.2' RT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
31.1	S2P4	924+29	-	173.1' RT	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
31.7	S2P4	925+00	HA	72.2' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
31.9	S2P4	925+00	HA	58.2' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
32.1	S2P4	927+75	-	174.1' RT	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
33.1	S4P4	927+66	-	158.3' LT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
35.1	S2P4	928+47	HA	83.7' LT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
36.1	S2P4	929+99	HA	45.8' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
37.1	S4P4	927+90	HD	53.3' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
37.3	S4P3	927+90	HD	33.1' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
38.1	S4P4	929+21	HD	63.2' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
39.1	S4P3	930+56	HD	15.8' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63.0	S2P4	928+65	-	148.7' RT	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1
64.1	S2P4	957+61	CB	51.1' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
64.3	S2P3	962+19	CB	81.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
64.5	S2P3	962+23	CB	54.1' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
65.1	S4P3	957+97	CC	66.1' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
65.3	S4P3	959+85	CC	87.2' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
65.5	S4P3	959+53	CC	25.2' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
67.1	S4P3	932+08	HD	13.0' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66.1	S4P3	960+57	CC	94.2' RT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
68.1	S4P3	933+59	HD	12.9' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87.1	S4P4	929+01	HD	102.6' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	1
92.1	S4P3	946+72	SB	116.2' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
93.0	S2P1	956+11	-	221.2' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1
106.0	S2P4	928+77	-	362.1' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
112.1	S2P4	959+75	-	158.4' RT	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
113.1	S4P3	959+75	SB	145.4' LT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
114.1	S4P3	962+64	SB	154.2' LT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
115.1	S2P4	963+36	-	150.0' RT	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
116.1	S2P4	966+10	-	157.4' RT	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
117.1	S4P3	965+96	SB	167.4' LT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
118.1	S2P4	967+00	-	145.7' RT	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
119.1	S4P3	967+00	SB	170.4' LT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
120.1	S2P1	966+18	CA	45.6' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
121.1	S4P2B	966+32	CA	62.6' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
122.1	S2P1	969+14	CA	72.4' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
123.1	S2P1	970+15	CA	51.9' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
124.4	S2P1	975+00	CA	20.5' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
125.1	S2P4	970+00	-	117.4' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
128.1	S4P3	970+00	SB	102.3' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
129.1	S4P2	971+81	CD	23.7' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
129.4	S4P1	966+68	CD	66.6' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
129.6	S4P1	966+68	CD	84.2' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
130.1	S4P2	970+19	CD	92.8' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
130.2	S4P2	972+90	CD	87.7' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
131.1	S4P2	973+01	CD	43.7' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
132.1	S2P1	977+25	-	118.8' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
133.1	S2P1	981+50	-	116.0' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
135.1	S4P2	981+50	SB	114.4' LT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
136.1	S2P1	982+59	-	117.3' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
137.1	S4P2	983+11	-	202.4' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
138.1	S4P2	982+28	SB	186.0' LT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
139.1	S2P1	983+80	-	195.0' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
140.1	S4P2	982+98	SB	200.2' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
141.1	S2P1	984+01	-	127.1' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
142.1	S4P2	983+98	SB	114.2' LT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
143.1	S2P4	985+25	-	123.4' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
144.1	S2P4	987+00	-	115.8' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
145.1	S2P4	988+75	-	108.9' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
146.1	S2P4	990+50	-	108.5' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
147.1	S2P4	992+00	-	108.5' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
148.1	S2P4	993+50	-	109.0' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
SUBTOTAL					1	6	4	6	15	12	12	6	2	3	1	0	0	1	1	0	1	0	1	2	3	1	0	2	67

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PROJECT NO: 1005-10-77, -83	HWY: IH 39/90	COUNTY: ROCK	MISCELLANEOUS QUANTITIES	SHEET 1778	E

FILE NAME: G:\G:\WDOTSW\WSW10-11032\PS&E\10051077 North Janesville\Final\Estimate ORIGINATOR: KL ENGINEERING, INC. ORIG. DATE: REV. DATE: PRINT DATE: November 28, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 1779
November 28, 2018

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STORM SEWER STRUCTURE SCHEDULE - ENDWALLS (CONTINUED)

STRUCT. NO.	STAGE/ PHASE	STA	ALI	OFFSET	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH (EACH)	521.1015 15-INCH (EACH)	521.1018*** 18-INCH (EACH)	522.1012* APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH (EACH)	522.1015* 15-INCH (EACH)	522.1018*** 18-INCH (EACH)	522.1024*** 24-INCH (EACH)	522.1030*** 30-INCH (EACH)	522.1036* 36-INCH (EACH)	522.1042* 42-INCH (EACH)	522.1048 48-INCH (EACH)	522.1054 54-INCH (EACH)	524.0615 APRON ENDWALLS FOR CULVERT SALVAGED 15-INCH (EACH)	524.0624** 24-INCH (EACH)	524.0642 42-INCH (EACH)	522.2619** APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH (EACH)	522.2624 24X38-INCH (EACH)	522.2629 29X45-INCH (EACH)	522.2634 34X53-INCH (EACH)	611.9800.S .001 PIPE GRATES 36-INCH (EACH)	611.9800.S .002 PIPE GRATES 42-INCH (EACH)	611.9800.S .003 PIPE GRATES 48-INCH (EACH)	611.9800.S .004 PIPE GRATES 54-INCH (EACH)	611.9800.S .005 PIPE GRATES 34x53-INCH (EACH)	633.5200** MARKERS CULVERT END (EACH)
1005-10-77 CATEGORY 1000																													
SUBTOTAL					1	6	4	6	15	12	12	6	2	3	1	0	0	1	1	0	1	0	1	2	3	1	0	2	67
149.1	S2P4	995+00	-	111.3' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
150.1	S2P4	997+93	-	106.6' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
151.1	S2P4	999+43	-	96.4' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
152.1	S2P4	1000+92	-	92.3' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
153.1	S2P4	1002+16	-	88.7' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
154.1	S2P4	1005+08	-	91.9' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
155.1	S2P4	1008+12	-	82.4' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
156.1	S2P4	1009+36	-	81.5' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
157.1	S2P4	1010+85	-	81.8' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
158.1	S2P4	1012+50	-	120.5' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
159.1	S4P3	1014+22	SB	84.0' LT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
160.1	S2P1	1017+22	-	122.3' RT	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
161.1	S2P4	1017+80	-	146.7' RT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
162.1	S2P4	1019+79	-	141.6' RT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
163.1	S2P4	1021+77	-	131.3' RT	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
166.1	S2P4	1023+76	-	125.0' RT	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
172.1	S4P4	1031+75	SB	103.1' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
327.1	S2P1	247+53	HWA	75.4' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1
330.1	S2P1	252+45	HWA	71.5' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1
332.1	S2P1	248+88	HEA	66.0' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
335.1	S2P1	253+52	HEA	65.2' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
348.1	S3	924+56	HC	47.0' RT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
349.1	S2P2	920+35	HB	45.3' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
349.5	S2P1	920+52	HB	44.0' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
350.1	S2P4	920+55	HA	55.4' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
351.1	S4P3	926+62	HD	44.9' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
351.6	S4P3	926+46	HD	116.6' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
351.9	S4P3	926+97	HD	49.6' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
353.3	S2P2	253+15	HEA	24.6' LT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
401.1	S4P2	16+37	RY	40.5' RT	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
402.1	S4P2	16+66	RY	47.3' LT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
403.1	S4P2	16+45	RY	45.5' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
500.1	S4P4A	104+71	CE	98.2' RT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
505.1	S4P4A	107+62	CE	92.8' RT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
505.7	S4P4A	961+71	CC	108.3' LT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
505.9	S4P2A	108+00	CE	126.1' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
506.1	S4P4A	108+08	CE	100.7' RT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
507.1	S4P4A	109+24	CW	40.5' RT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
508.3	S5	109+42	CE	54.1' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
511.0	S4P4A	110+00	CW	26.0' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
514.0	S4P2A	110+75	CE	41.5' LT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
514.1	S4P2A	111+63	CE	43.6' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
514.3	S4P2A	111+27	CW	71.4' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
515.2	S4P2A	112+23	CE	38.7' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
516.2	S4P4A	111+83	CW	41.8' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
517.3	S4P4A	116+25	CW	42.6' RT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
518.4	S4P2A	117+01	CE	45.0' LT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
519.1	S4P2B	117+32	CE	56.0' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
519.2	S4P2A	116+74	CW	199.6' LT	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
519.4	S4P2A	116+87	CW	48.9' RT	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
521.0	S4P4A	117+75	CW	41.9' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
522.2	S5	118+89	CE	31.1' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
524.0	S4P4	119+56	CW	66.4' RT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
526.0	S5	119+57	CE	47.9' LT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
528.1	S4P4	966+67	CB	39.9' RT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
529.3	S5	965+70	CA	53.1' LT	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
536.5	S4P2A	130+54	CW	75.8' LT	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
536.7	S4P4	64+01	KT	64.5' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
546.5	S4P2A	123+77	CW	80.7' LT	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
549.0	S4P4A	121+54	CE	81.0' RT	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1
561.2	S4P1	139+52	CE	57.3' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
562.2	S4P2A	139+73	CW	58.1' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
563.2	S4P1	140+75	CE	54.8' RT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
564.2	S4P2A	141+01	CW	63.5' LT	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
566.1	S5	963+13	CDA	21.3' LT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
566.4	S4P1	963+13	CDA	46.4' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
567.3	S4P4	964+86	CBA	36.3' LT	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
600.1	S4P2	211+02	KY	29.0' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
600.2	S4P2	211+13	KY	75.4' RT	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
603.1	S2P1	216+91	KY	60.9' LT	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1
603.2	S2P1	214+77	KY	49.8' RT	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
PROJECT 1005-10-77 TOTAL					**1**	**9**	**6**	**13**	**32**	**23**	**24**	**11**	**5**	**4**	**2**	**1**	**1**	**1**	**1**	**1**	**4**	**1**	**3**	**5**	**4**	**2**	**1**	**4**	**138**

*ADDITIONAL QUANTITY FOUND IN "TEMPORARY STORM SEWER STRUCTURE SCHEDULE - ENDWALLS" TABLE
**ADDITIONAL QUANTITY FOUND IN "CULVERT PIPE" TABLE
***ADDITIONAL QUANTITY FOUND IN "CULVERT PIPE" & "TEMPORARY STORM SEWER SCHEDULE - ENDWALLS" TABLE

Addendum No. 1
ID 1005-10-77
Revised Sheet 1826
November 28, 2018

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CRASH CUSHIONS TEMPORARY

LOCATION	STATION	OFFSET	614.0905 CRASH CUSHIONS TEMPORARY (EACH)	SPV.0060.203 CRASH CUSHION TEMPORARY LOW MAINTENANCE (EACH)	BACK WIDTH	OBJECT MARKING PATTERN	CRASH TEST LEVEL	TRAFFIC DIRECTION	TRAFFIC LOCATION	CRASH CUSHION SHIELDS
1005-10-77										
CATEGORY 1000										
STAGE 2, PHASE 1										
BEGIN PROJECT - USH 14	883+90'XML'	33.0' RT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
BEGIN PROJECT - USH 14	891+31'XML'	37.0' LT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
BEGIN PROJECT - USH 14	906+13'TSB'	39.0' RT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
TEMPORARY RAMP 'THB'	906+36'THB'	19.0' LT	-	1	2	OM-3C (WO5-58M)	TL-3	UNIDIRECTIONAL	LT & RT	TEMPORARY CONCRETE BARRIER IN RAMP GORE
USH 14 - RYAN ROAD	930+02	164.2' RT	-	1	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
USH 14 - RYAN ROAD	929+77	153.0' RT	-	1	2	OM-3L (WO5-58L)	TL-3	UNIDIRECTIONAL	RT	TEMPORARY CONCRETE BARRIER ON SHOULDER
RYAN ROAD - STH 26	954+30'TSB'	44.4' RT	-	1	2	OM-3C (WO5-58M)	TL-3	UNIDIRECTIONAL	LT & RT	TEMPORARY CONCRETE BARRIER IN RAMP GORE
RYAN ROAD - STH 26	954+69'TSB'	39.0' RT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
KENNEDY ROAD-END OF PROJECT	1033.00'TSB'	3.0' RT	-	1	2	OM-3L (WO5-58L)	TL-3	UNIDIRECTIONAL	RT	TEMPORARY CONCRETE BARRIER ON SHOULDER
STAGE 2, PHASE 1 SUBTOTAL			4	5						
STAGE 2, PHASE 2										
WSOR - KENNEDY ROAD	993+54'XCA'	5.0' RT	-	1	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
STH 26 NB ON-RAMP	972+17'CA'	25.6' LT	-	1	2	OM-3L (WO5-58L)	TL-3	UNIDIRECTIONAL	RT	TEMPORARY CONCRETE BARRIER ON SHOULDER
KENNEDY ROAD	212+00'TKY'	13' LT	1	-	2	OM-3L (WO5-58L)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
KENNEDY ROAD	212+00'TKY'	13' RT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	RT	TEMPORARY CONCRETE BARRIER ON SHOULDER
KENNEDY ROAD	215+50'TKY'	13' LT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
STAGE 2, PHASE 2 SUBTOTAL			3	2						
STAGE 2, PHASE 4										
USH 14 NB OFF-RAMP	903+88'HB'	31.0' LT	-	1	2	OM-3C (WO5-58M)	TL-3	UNIDIRECTIONAL	LT & RT	CONCRETE BARRIER ON SHOULDER
STAGE 2, PHASE 4 SUBTOTAL			0	1						
STAGE 3										
WSOR - KENNEDY ROAD	1012+53	57.0' RT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	CONCRETE BARRIER ON SHOULDER
KENNEDY ROAD - TOWNLINE ROAD	1030+66	50.2' RT	-	1	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	CONCRETE BARRIER ON SHOULDER
STAGE 3 SUBTOTAL			1	1						
STAGE 4, PHASE 1										
WSOR - KENNEDY ROAD	985+58	13.0' LT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	CONCRETE BARRIER ON SHOULDER
TEMPORARY RAMP CROSSOVER 'XCD'	986+13	14.0' LT	-	1	2	OM-3C (WO5-58M)	TL-3	UNIDIRECTIONAL	LT & RT	TEMPORARY CONCRETE BARRIER IN RAMP GORE
TEMPORARY RAMP 'THC'	920+37'THC'	5.0' LT	-	1	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
TEMPORARY RAMP 'THC'	920+37'THC'	19.0' RT	-	1	2	OM-3L (WO5-58L)	TL-3	UNIDIRECTIONAL	RT	TEMPORARY CONCRETE BARRIER ON SHOULDER
STAGE 4, PHASE 1 SUBTOTAL			1	3						
STAGE 4, PHASE 2										
USH 14 - ROCK ROAD	933+48	13.0' LT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	CONCRETE BARRIER ON SHOULDER
STH 26 - WSOR	974+92	13.0' LT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	CONCRETE BARRIER ON SHOULDER
TEMPORARY RAMP 'THD'	934+17'THD'	19.0' RT	-	1	2	OM-3C (WO5-58M)	TL-3	UNIDIRECTIONAL	LT & RT	TEMPORARY CONCRETE BARRIER IN RAMP GORE
TEMPORARY RAMP 'TCD'	975+60'TCD'	19.0' RT	-	1	2	OM-3C (WO5-58M)	TL-3	UNIDIRECTIONAL	LT & RT	TEMPORARY CONCRETE BARRIER IN RAMP GORE
STAGE 4, PHASE 2 SUBTOTAL			2	2						
STAGE 4, PHASE 3										
WSOR - KENNEDY ROAD	999+02	13.0' LT	1	-	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	CONCRETE BARRIER ON SHOULDER
TEMPORARY RAMP CROSSOVER 'YCD'	999+73'YCD'	19.0' RT	-	1	2	OM-3C (WO5-58M)	TL-3	UNIDIRECTIONAL	LT & RT	TEMPORARY CONCRETE BARRIER IN RAMP GORE
STAGE 4, PHASE 3 SUBTOTAL			1	1						
STAGE 4, PHASE 4										
BEGIN PROJECT - USH 14	908+00	129.0' LT	-	1	2	OM-3R (WO5-58R)	TL-3	UNIDIRECTIONAL	LT	TEMPORARY CONCRETE BARRIER ON SHOULDER
USH 14 - RYAN ROAD	940+54	96.0' LT	-	1	2	OM-3L (WO5-58L)	TL-3	UNIDIRECTIONAL	RT	TEMPORARY CONCRETE BARRIER ON SHOULDER
RAMP 'HC'	921+24'HC'	18.0' RT	-	1	2	OM-3L (WO5-58L)	TL-3	UNIDIRECTIONAL	RT	TEMPORARY CONCRETE BARRIER ON SHOULDER
STAGE 4, PHASE 4 SUBTOTAL			0	3						
1005-10-77 PROJECT TOTAL			**12**	**18**						

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MGS GUARDRAIL

	LOCATION	STATION - STATION	ALI	OFFSET	614.2300 MGS GUARDRAIL 3 (LF)	614.2500 MGS THRIE BEAM TRANSITION (LF)	614.2610 MGS GUARDRAIL TERMINAL EAT (EACH)	614.2620 MGS GUARDRAIL TERMINAL TYPE 2 (EACH)
1005-10-77								
CATEGORY 1000								
STAGE 2, PHASE 3								
	RAMP HB	915+95'HB' - 917+71'HB'	HB	LT	125.0	–	1	1
	RAMP HB	916+48'HB' - 917+82'HB'	HB	RT	125.0	8.2	–	1
	STAGE 2, PHASE 3 SUBTOTAL				250.0	8.2	1	2
STAGE 2, PHASE 4								
	BEGIN PROJECT - USH 14	914+58 - 921+15		RT	575.0	39.4	1	–
	USH 14 - RYAN ROAD	923+52 - 930+59		RT	712.5	8.2	-	1
	RYAN ROAD - STH 26	957+02 - 963+45		RT	550.0	39.4	1	–
	STH 26 - WSOR	965+54 -971+00		RT	537.5	8.2	–	1
	WSOR - KENNEDY ROAD	983+79 - 985+00		RT	112.5	8.2	–	1
	RAMP HA	926+72'HA' - 928+53'HA'	HA	RT	87.5	39.4	1	–
	STAGE 2, PHASE 4 SUBTOTAL				2,575.0	142.8	3	3
STAGE 4, PHASE 2								
	WSOR - KENNEDY ROAD	986+76'SB' - 988+78'SB'	SB	LT	112.5	39.4	1	–
	STAGE 4, PHASE 2 SUBTOTAL				112.5	39.4	1	0
STAGE 4, PHASE 3								
	RYAN ROAD - STH 26	956+83'SB' - 963+16'SB'	SB	LT	612.5	8.2	–	1
	STH 26 - WSOR	965+13'SB' - 973+31'SB'	SB	LT	725.0	39.4	1	–
	RAMP HC	917+00'HC' - 919+45'HC'	HC	LT	150.0	39.4	1	–
	RAMP HD	929+29'HD' - 931+02'HD'	HD	RT	125.0	–	1	1
	STAGE 4, PHASE 3 SUBTOTAL				1,612.5	87.0	3	2
STAGE 4, PHASE 4								
	BEGIN PROJECT - USH 14	916+27'SB' - 922+35'SB'	SB	LT	587.5	8.2	–	1
	USH 14 - RYAN ROAD	924+87'SB' - 931+44'SB'	SB	LT	550.0	39.4	1	–
	WSOR - KENNEDY	1012+98'SB' - 1014+65'SB'	SB	LT	162.5	8.2	–	1
	KENNEDY ROAD - END PROJECT	1030+97'SB' - 1042+60'SB'	SB	RT	1,075.0	39.4	1	–
	STAGE 4, PHASE 4 SUBTOTAL				2,375.0	95.2	1	2
STAGE 6								
	WSOR - KENNEDY ROAD	1012+32 - 1015+14		RT	187.5	39.4	1	–
	KENNEDY ROAD - END PROJECT	1016+62 - 1018+34		RT	162.5	8.2	–	1
	KENNEDY ROAD - END PROJECT	1030+45 - 1042+01		RT	1,100.0	–	1	1
	STAGE 6 SUBTOTAL				1,450.0	47.6	2	2
STH 26 STAGE 2, PHASE 1								
	STH 26 - RAMP CA	965+34'CA' - 960+56'CA'	CA	RT	12.5	39.4	1	–
	STH 26 STAGE 2, PHASE 1 SUBTOTAL				12.5	39.4	1	0
STH 26 STAGE 4, PHASE 4								
	STH 26 - RAMP CC	960+77'CC' - 962+30'CC'	CC	LT	87.5	39.4	1	–
	STH 26 STAGE 4, PHASE 4 SUBTOTAL				87.5	39.4	1	0
	1005-10-77 PROJECT TOTAL				**8,475.0**	**499.0**	**13.0**	**11.0**

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LANDMARK REFERENCE MONUMENTS

	LOCATION	STATION	OFFSET	DESCRIPTION	621.0100 LANDMARK REFERENCE MONUMENTS (EACH)
1005-10-77 CATEGORY 1000					
	BEGIN PROJECT - USH 14	915+17.48	105.6' RT	T-3-N R-13-E CTR SECTION 20	4
	1005-10-77 PROJECT TOTAL				**4**

WATER

STAGE	TASK	624.0100 WATER (MGAL)
1005-10-77 CATEGORY 1000		
STAGE 2, PHASE 1		
	DUST CONTROL	-
	COMPACTION	-
	STAGE 2 PHASE 1 SUBTOTAL	-
STAGE 2, PHASE 2		
	DUST CONTROL	56
	COMPACTION	56
	STAGE 2 PHASE 2 SUBTOTAL	112
STAGE 2, PHASE 3		
	DUST CONTROL	175
	COMPACTION	175
	STAGE 2 PHASE 3 SUBTOTAL	350
STAGE 2, PHASE 4		
	DUST CONTROL	836
	COMPACTION	836
	STAGE 2 PHASE 4 SUBTOTAL	1,672
STAGE 3		
	DUST CONTROL	231
	COMPACTION	231
	STAGE 3 SUBTOTAL	462
STAGE 4, PHASE 1		
	DUST CONTROL	121
	COMPACTION	121
	STAGE 4 PHASE 1 SUBTOTAL	242
STAGE 4, PHASE 2		
	DUST CONTROL	258
	COMPACTION	258
	STAGE 4 PHASE 2 SUBTOTAL	516
STAGE 4, PHASE 3		
	DUST CONTROL	256
	COMPACTION	256
	STAGE 4 PHASE 3 SUBTOTAL	512
STAGE 4, PHASE 4		
	DUST CONTROL	849
	COMPACTION	849
	STAGE 4 PHASE 4 SUBTOTAL	1,698
STAGE 5		
	DUST CONTROL	41
	COMPACTION	41
	STAGE 5 SUBTOTAL	82
STAGE 6		
	DUST CONTROL	2
	COMPACTION	2
	STAGE 6 SUBTOTAL	4
STH 26 STAGE 2, PHASE 1		
	DUST CONTROL	56
	COMPACTION	56
	STH 26 STAGE 2, PHASE 1 SUBTOTAL	112
STH 26 STAGE 2, PHASE 2		
	DUST CONTROL	6
	COMPACTION	6
	STH 26 STAGE 2, PHASE 2 SUBTOTAL	12

STAGE	TASK	624.0100 WATER (MGAL)
1005-10-77 CATEGORY 1000		
STH 26 STAGE 2, PHASE 3		
	DUST CONTROL	86
	COMPACTION	86
	STH 26 STAGE 2, PHASE 3 SUBTOTAL	172
STH 26 STAGE 4, PHASE 1		
	DUST CONTROL	83
	COMPACTION	83
	STH 26 STAGE 4, PHASE 1 SUBTOTAL	166
STH 26 STAGE 4, PHASE 2		
	DUST CONTROL	114
	COMPACTION	114
	STH 26 STAGE 4, PHASE 2 SUBTOTAL	228
STH 26 STAGE 4, PHASE 2A		
	DUST CONTROL	231
	COMPACTION	231
	STH 26 STAGE 4, PHASE 2A SUBTOTAL	462
STH 26 STAGE 4, PHASE 2B		
	DUST CONTROL	58
	COMPACTION	58
	STH 26 STAGE 4, PHASE 2B SUBTOTAL	116
STH 26 STAGE 4, PHASE 2C		
	DUST CONTROL	12
	COMPACTION	12
	STH 26 STAGE 4, PHASE 2C SUBTOTAL	24
STH 26 STAGE 4, PHASE 3		
	DUST CONTROL	25
	COMPACTION	25
	STH 26 STAGE 4, PHASE 3 SUBTOTAL	50
STH 26 STAGE 4, PHASE 4		
	DUST CONTROL	39
	COMPACTION	39
	STH 26 STAGE 4, PHASE 4 SUBTOTAL	78
STH 26 STAGE 4, PHASE 4A		
	DUST CONTROL	162
	COMPACTION	162
	STH 26 STAGE 4, PHASE 4A SUBTOTAL	324
STH 26 STAGE 4, PHASE 4B		
	DUST CONTROL	13
	COMPACTION	13
	STH 26 STAGE 4, PHASE 4B SUBTOTAL	26
STH 26 STAGE 4, PHASE 4C		
	DUST CONTROL	33
	COMPACTION	33
	STH 26 STAGE 4, PHASE 4C SUBTOTAL	66
STH 26 STAGE 5, PHASE 1		
	DUST CONTROL	61
	COMPACTION	61
	STH 26 STAGE 5, PHASE 1 SUBTOTAL	122
STH 26 STAGE 5, PHASE 2		
	DUST CONTROL	8
	COMPACTION	8
	STH 26 STAGE 5, PHASE 2 SUBTOTAL	16
	1005-10-77 PROJECT TOTAL	**7,624**

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INLET PROTECTION

STAGE	LOCATION	STATION - STATION	628.7005 INLET PROTECTION TYPE A (EACH)	628.7010 INLET PROTECTION TYPE B (EACH)	628.7015 INLET PROTECTION TYPE C (EACH)	628.7020 INLET PROTECTION TYPE D (EACH)
1005-10-77 CATEGORY 1000						
STAGE 2, PHASE 1						
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	2	1	-	1
	USH 14 - RYAN ROAD	923+55 - 952+70	7	-	-	-
	STH 26 - WSOR	965+35 - 982+65	28	20	3	2
	WSOR - KENNEDY ROAD	983+55 - 1014+75	5	5	-	-
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	1	1	-	-
	USH 14	240 "HEA" - 260 "HEA"	13	3	-	-
	DEERFIELD DRIVE	46+76'DDN' - 53+99'DDN'	8	-	-	-
	STAGE 2, PHASE 1 SUBTOTAL		64	30	3	3
STAGE 2, PHASE 2						
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	5	1	2	2
	USH 14	240 "HEA" - 260 "HEA"	3	1	2	-
	STAGE 2, PHASE 2 SUBTOTAL		8	2	4	2
STAGE 2, PHASE 3						
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	38	36	1	1
	STAGE 2, PHASE 3 SUBTOTAL		38	36	1	1
STAGE 2, PHASE 4						
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	13	12	-	1
	USH 14 - RYAN ROAD	923+55 - 952+70	68	56	2	7
	RYAN ROAD - STH 26	953+90 - 963+20	21	20	-	1
	STH 26 - WSOR	965+35 - 982+65	17	16	-	-
	WSOR - KENNEDY ROAD	983+55 - 1014+75	11	13	-	1
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	2	2	-	-
	STAGE 2, PHASE 4 SUBTOTAL		132	119	2	10
STAGE 3						
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	20	16	1	1
	WSOR - KENNEDY ROAD	983+55 - 1014+75	26	15	-	-
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	4	4	-	-
	STAGE 3 SUBTOTAL		50	35	1	1
STAGE 4, PHASE 1						
	USH 14 - RYAN ROAD	923+55 - 952+70	7	-	-	1
	STH 26 - WSOR	965+35 - 982+65	4	1	1	1
	STH 26	95+74'CE' - 144+13'CE'	1	-	-	-
	STAGE 4, PHASE 1 SUBTOTAL		12	1	1	2
STAGE 4, PHASE 2						
	STH 26 - WSOR	965+35 - 982+65	12	12	-	-
	WSOR - KENNEDY ROAD	983+55 - 1014+75	7	7	-	-
	STH 26	95+74'CE' - 144+13'CE'	76	10	27	4
	KENNEDY ROAD	208+15'KY' - 228+32'KY'	3	3	-	-
	RYAN ROAD	10+19'RY' - 20+08'RY'	17	1	8	5
	STAGE 4, PHASE 2 SUBTOTAL		115	33	35	9
STAGE 4, PHASE 3						
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	12	11	1	-
	USH 14 - RYAN ROAD	923+55 - 952+70	33	23	1	7
	RYAN ROAD - STH 26	953+90 - 963+20	10	10	-	-
	STH 26 - WSOR	965+35 - 982+65	5	5	-	-
	STH 26	95+74'CE' - 144+13'CE'	8	-	-	-
	STAGE 4, PHASE 3 SUBTOTAL		68	49	2	7
STAGE 4, PHASE 4						
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	25	25	-	-
	USH 14 - RYAN ROAD	923+55 - 952+70	1	7	-	-
	RYAN ROAD - STH 26	953+90 - 963+20	-	1	-	-
	STH 26 - WSOR	965+35 - 982+65	-	1	-	-
	WSOR - KENNEDY ROAD	983+55 - 1014+75	6	4	-	3
	STH 26	95+74'CE' - 144+13'CE'	73	12	55	4
	STAGE 4, PHASE 4 SUBTOTAL		105	50	55	7
STAGE 5, PHASE 1						
	KENNEDY RD - TOWNLINE RD	1025+00 - 1100+00	1	-	-	1
	STH 26	95+74'CE' - 144+13'CE'	2	-	33	8
	STAGE 5, PHASE 1 SUBTOTAL		3	0	33	9
STAGE 5, PHASE 2						
	STH 26	95+74'CE' - 144+13'CE'	-	-	4	-
	STAGE 5, PHASE 2 SUBTOTAL		0	0	4	0
	UNDISTRIBUTED		120	70	29	11
		PROJECT 1005-10-77 TOTAL	**715**	**425**	**170**	**62**

MOBILIZATIONS EROSION CONTROL

PROJECT	628.1905 (EACH)	628.1910 EMERGENCY (EACH)
1005-10-77 CATEGORY 1000		
STAGE 1	2	1
STAGE 2, PHASE 1	2	1
STAGE 2, PHASE 1A	2	1
STAGE 2, PHASE 1B	4	2
STAGE 2, PHASE 2	14	7
STAGE 2, PHASE 3	4	2
STAGE 2, PHASE 4	4	2
STAGE 3	4	2
STAGE 4, PHASE 1	2	1
STAGE 4, PHASE 2	2	1
STAGE 4, PHASE 2A	16	8
STAGE 4, PHASE 3	4	2
STAGE 4, PHASE 4	2	1
STAGE 5	2	1
STAGE 6	14	7
STH 26 STAGE 2, PHASE 1	10	5
STH 26 STAGE 2, PHASE 2	1	1
STH 26 STAGE 2, PHASE 2A	12	6
STH 26 STAGE 2, PHASE 3	10	5
STH 26 STAGE 3	4	2
STH 26 STAGE 4, PHASE 1	2	1
STH 26 STAGE 4, PHASE 2	1	1
STH 26 STAGE 4, PHASE 2A	14	7
STH 26 STAGE 4, PHASE 2B	2	1
STH 26 STAGE 4, PHASE 2C	2	1
STH 26 STAGE 4, PHASE 3	4	2
STH 26 STAGE 4, PHASE 4	2	1
STH 26 STAGE 4, PHASE 4A	2	1
STH 26 STAGE 4, PHASE 4B	2	1
STH 26 STAGE 4, PHASE 4C	2	1
STH 26 STAGE 5	2	1
PROJECT 1005-10-77 TOTAL	**150**	**76**

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EROSION CONTROL ITEMS

STAGE	LOCATION	STATION - STATION	606.0200* RIPRAP MEDIUM (CY)	628.1104 EROSION BALES (EACH)	628.1504 SILT FENCE (LF)	628.1520 SILT FENCE MAINTENANCE (LF)	628.2004 EROSION MAT CLASS I TYPE B (SY)	628.2008 EROSION MAT URBAN CLASS I TYPE B (SY)	628.2027 EROSION MAT CLASS II TYPE C (SY)	628.6510 SOIL STABILIZER TYPE B (ACRE)	628.7504 TEMPORARY DITCH CHECKS (LF)	628.7515.S STONE OR ROCK DITCH CHECKS (CY)	628.7555 CULVERT PIPE CHECKS (EACH)	628.7560 TRACKING PADS (EACH)	628.7570 ROCK BAGS (EACH)	645.0120* GEOTEXTILE TYPE HR (SY)	645.0140 GEOTEXTILE TYPE SAS (SY)	SPV.0180.150 TEMPORARY EROSION MAT CLASS I TYPE B (SY)
1005-10-77																		
CATEGORY 1000																		
STAGE 1																		
	OVERLOOK DRIVE EMERGENCY ACCESS	10+00'ODE' - 11+50'ODE'	-	-	300	1,800	250	-	-	-	-	-	2	-	-	-	-	-
	STAGE 1 SUBTOTAL		0	0	300	1,800	250	0	0	0	0	0	2	0	0	0	0	0
STAGE 2, PHASE 1																		
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	-	-	-	-	1,056	-	-	-	-	-	3	1	-	-	-	-
	USH 14 - RYAN ROAD	923+55 - 952+70	-	-	2,066	8,264	538	-	-	-	-	-	9	1	-	-	-	4,028
	RYAN ROAD - STH 26	953+90 - 963+20	-	-	-	-	120	-	-	-	-	-	3	-	-	-	-	-
	STH 26 - WSOR	965+35 - 982+65	234	8	250	1,000	13,167	3,330	-	-	45	-	19	-	-	561	-	-
	WSOR - KENNEDY ROAD	983+55 - 1014+75	38	-	-	-	4,091	-	-	-	-	-	15	3	-	91	-	22
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	181	40	1,250	5,000	-	-	-	-	-	-	10	-	-	435	-	-
	STH 26	95+74'CE' - 144+13'CE'	-	-	-	-	-	977	-	-	-	-	-	1	-	-	-	-
	KENNEDY ROAD	208+15'KY' - 228+32'KY'	-	-	229	115	2,272	11,777	-	-	90	-	7	-	-	-	-	-
	STAGE 2, PHASE 1 SUBTOTAL		453	48	3,795	14,379	21,243	16,084	0	0	135	0	66	6	0	1,087	0	4,050
STAGE 2, PHASE 2																		
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	61	12	130	780	-	328	-	-	-	-	12	-	-	146	-	898
	STAGE 2, PHASE 2 SUBTOTAL		61	12	130	780	0	328	0	0	0	0	12	0	0	146	0	898
STAGE 2, PHASE 3																		
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	14	-	-	-	14,161	-	-	-	15	-	6	1	-	33	-	1,537
	USH 14 - RYAN ROAD	923+55 - 952+70	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	STH 26	95+74'CE' - 144+13'CE'	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
	STAGE 2, PHASE 3 SUBTOTAL		14	0	0	0	14,161	0	0	0	15	0	6	4	0	33	0	1,537
STAGE 2, PHASE 4																		
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	-	40	900	1,800	273	3,998	-	-	-	-	6	-	1	-	-	1,120
	USH 14 - RYAN ROAD	923+55 - 952+70	407	232	6,900	13,800	-	14,661	181	-	15	-	-	-	-	976	-	2,632
	RYAN ROAD - STH 26	953+90 - 963+20	21	124	3,200	6,400	1,226	13,272	580	-	60	-	10	-	1	50	-	1,207
	STH 26 - WSOR	965+35 - 982+65	133	44	1,350	2,700	-	4,568	139	-	-	-	1	-	1	319	-	2,114
	WSOR - KENNEDY ROAD	983+55 - 1014+75	277	-	-	-	16,400	-	-	-	75	-	3	-	-	665	-	3,158
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	53	-	-	-	-	1,429	-	-	-	-	-	-	-	126	-	1,322
	STAGE 2, PHASE 4 SUBTOTAL		890	440	12,350	24,700	17,898	37,928	900	0	150	0	20	0	3	2,136	0	11,553
STAGE 3																		
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	31	84	2,050	4,100	943	2,470	167	-	-	4	9	-	-	74	40	2,957
	WSOR - KENNEDY ROAD	983+55 - 1014+75	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	2,869
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,138
	STH 26	95+74'CE' - 144+13'CE'	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
	STAGE 3 SUBTOTAL		31	84	2,050	4,100	943	2,470	167	0	0	4	12	2	0	74	40	6,965
STAGE 4, PHASE 1																		
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	USH 14 - RYAN ROAD	923+55 - 952+70	-	-	-	-	89	-	-	-	165	-	3	1	-	-	-	6,032
	RYAN ROAD - STH 26	953+90 - 963+20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	STH 26 - WSOR	965+35 - 982+65	59	44	2,050	1,025	1,083	2,570	639	-	225	8	11	-	-	143	80	-
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
	STH 26	95+74'CE' - 144+13'CE'	-	-	-	-	1,658	-	-	-	15	-	5	2	-	-	-	-
	STAGE 4, PHASE 1 SUBTOTAL		59	44	2,050	1,025	2,831	2,570	639	0	405	8	19	7	0	143	80	6,032
STAGE 4, PHASE 2																		
	USH 14 - RYAN ROAD	923+55 - 952+70	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	STH 26 - WSOR	965+35 - 982+65	70	24	2,400	21,600	10,628	6,021	-	-	30	-	21	1	-	168	-	-
	WSOR - KENNEDY ROAD	983+55 - 1014+75	50	4	650	5,850	6,656	-	-	-	-	-	-	-	-	119	-	2,426
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	STH 26	95+74'CE' - 144+13'CE'	111	-	600	300	56	3,622	-	-	75	-	9	4	-	267	-	-
	KENNEDY ROAD	208+15'KY' - 228+32'KY'	-	-	-	-	2,438	-	-	-	105	-	6	-	-	-	-	-
	STAGE 4, PHASE 2 SUBTOTAL		231	28	3,650	27,750	19,776	9,643	0	0	210	0	36	6	0	554	0	2,426
STAGE 4, PHASE 3																		
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	44	40	1,400	2,800	3,038	3,433	-	-	15	-	1	-	15	106	-	735
	USH 14 - RYAN ROAD	923+55 - 952+70	44	16	1,900	3,800	4,496	-	-	-	-	-	3	1	30	106	-	3,685
	RYAN ROAD - STH 26	953+90 - 963+20	309	44	1,560	3,120	2,741	4,589	-	-	105	-	6	-	-	741	-	-
	STH 26 - WSOR	965+35 - 982+65	266	40	1,490	2,980	141	7,286	-	-	60	-	-	1	-	639	-	-
	WSOR - KENNEDY ROAD	983+55 - 1014+75	37	-	-	-	-	-	-	-	-	-	-	-	-	89	-	-
	STAGE 4, PHASE 3 SUBTOTAL		700	140	6,350	12,700	10,415	15,308	0	0	180	0	10	2	45	1,681	0	4,419
STAGE 4, PHASE 4																		
	BEGIN OF PROJECT - USH 14	869+00 - 921+55	17	44	1,420	2,840	3,277	2,255	308	-	120	-	5	-	-	40	-	-
	USH 14 - RYAN ROAD	923+55 - 952+70	101	28	1,260	2,520	-	3,790	217	-	90	-	-	-	-	243	-	-
	WSOR - KENNEDY ROAD	983+55 - 1014+75	-	16	2,400	4,800	14,448	-	-	-	120	-	-	-	-	-	-	-
	KENNEDY ROAD - END OF PROJECT	1016+45 - 1025+00	37	-	867	1,734	3,756	-	-	-	-	-	-	-	-	89	-	-
	STH 26	95+74'CE' - 144+13'CE'	191	-	660	330	121	8,474	-	-	105	-	4	4	-	459	-	-
	STAGE 4, PHASE 4 SUBTOTAL		346	88	6,607	12,224	21,602	14,518	525	0	435	0	9	4	0	831	0	0
STAGE 5																		
	KENNEDY ROAD - TOWNLINE ROAD	1025+00 - 1100+00	-	-	-	-	-	7,575	-	-	120	-	24	-	-	-	-	-
	STH 26	95+74'CE' - 144+13'CE'	26	-	-	-	-	3,036	-	-	-	-	3	-	-	62	-	-
	STAGE 5 SUBTOTAL		26	0	0	0	0	10,611	0	0	120	0	27	0	0	62	0	0
STAGE 6																		
	KENNEDY ROAD - TOWNLINE ROAD	1025+00 - 1100+00	-	-	918	459	-	-	-	-	15	-	-	-	-	-	-	-
	STAGE 6 SUBTOTAL		0	0	918	459	0	0	0	0	15	0	0	0	0	0	0	0
	UNDISTRIBUTED		789	266	9,800	25,083	27,881	27,540	570	2	435	3	61	9	52	1,754	30	9,520
		1005-10-77 PROJECT TOTAL	**3,600**	**1,150**	**48,000**	**125,000**	**137,000**	**137,000**	**2,800**	**2**	**2,100**	**15**	**280**	**40**	**100**	**8,500**	**150**	**47,400**

* ADDITIONAL QUANTITY FOUND IN "INFILTRATION BASIN ITEMS" TABLE

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LANDSCAPING ITEMS

LOCATION	STATION - STATION	625.0100 TOPSOIL (SY)	625.0500 SALVAGED TOPSOIL (SY)	627.0200 MULCHING (SY)	629.0205 FERTILIZER TYPE A (CWT)	630.0120 SEEDING MIXTURE NO. 20 (LB)	630.0130* SEEDING MIXTURE NO. 30 (LB)	630.0200 SEEDING TEMPORARY (LB)	630.0300 SEEDING BORROW PIT (LB)	631.0300 SOD WATER (MGAL)	631.1000 SOD LAWN (SY)
1005-10-77											
CATEGORY 1000											
STAGE 2, PHASE 1											
BEGIN OF PROJECT - USH 14	880+00 - 923+00	-	1,414	868	2	39	10	26	-	-	-
USH 14 - RYAN ROAD	923+00 - 953+00	-	4,450	409	4	121	8	-	-	-	-
STH 26 - WSOR	964+00 - 983+00	-	22,012	2,873	15	523	68	-	-	-	-
WSOR - KENNEDY ROAD	983+00 - 1015+50	-	3,771	1,133	4	142	-	40	-	-	-
STH 26	96+00'CE' - 144+00'CE'	269	977	-	1	27	-	-	-	7	269
KENNEDY ROAD	208+00'KY' - 229+00'KY'	-	16,341	1,645	12	117	265	30	-	-	-
STAGE 2, PHASE 1 SUBTOTAL		269	48,965	6,928	38	969	351	96	0	7	269
STAGE 2, PHASE 2											
BEGIN OF PROJECT - USH 14	880+00 - 923+00	-	1,225	-	1	29	6	29	-	-	-
STAGE 2, PHASE 2 SUBTOTAL		0	1,225	0	1	29	6	29	0	0	0
STAGE 2, PHASE 3											
BEGIN OF PROJECT - USH 14	880+00 - 923+00	-	18,603	2,905	15	503	91	96	-	-	-
STAGE 2, PHASE 3 SUBTOTAL		0	18,603	2,905	15	503	91	96	0	0	0
STAGE 2, PHASE 4											
BEGIN OF PROJECT - USH 14	880+00 - 923+00	-	6,587	1,470	5	37	113	37	-	-	-
USH 14 - RYAN ROAD	923+00 - 953+00	-	37,373	20,082	25	270	534	100	-	-	-
RYAN ROAD - STH 26	953+00 - 964+00	-	23,385	6,219	17	55	429	33	-	-	-
STH 26 - WSOR	964+00 - 983+00	-	6,713	-	5	61	91	58	-	-	-
WSOR - KENNEDY ROAD	983+00 - 1015+50	-	26,483	6,925	19	716	47	95	-	-	-
KENNEDY ROAD - END OF PROJECT	1015+50 - 1032+00	-	4,660	1,908	4	36	72	36	-	-	-
STH 26	96+00'CE' - 144+00'CE'	-	-	614	1	-	19	-	-	-	-
STAGE 2, PHASE 4 SUBTOTAL		0	105,201	37,218	76	1,175	1,305	359	0	0	0
STAGE 3											
BEGIN OF PROJECT - USH 14	880+00 - 923+00	-	11,852	5,315	10	128	175	123	-	-	-
WSOR - KENNEDY ROAD	983+00 - 1015+50	-	2,869	-	3	78	21	109	-	-	-
KENNEDY ROAD - END OF PROJECT	1015+50 - 1032+00	-	1,139	-	1	31	6	40	-	-	-
STAGE 3 SUBTOTAL		0	15,860	5,315	14	237	202	272	0	0	0
STAGE 4, PHASE 1											
USH 14 - RYAN ROAD	923+00 - 953+00	-	8,282	2,162	6	224	15	224	-	-	-
STH 26 - WSOR	964+00 - 983+00	-	14,534	10,162	11	99	226	57	-	-	-
STH 26	96+00'CE' - 144+00'CE'	31	2,922	1,264	3	79	11	-	-	1	31
STAGE 4, PHASE 1 SUBTOTAL		31	25,738	13,588	20	402	252	281	0	1	31
STAGE 4, PHASE 2											
USH 14 - RYAN ROAD	923+00 - 953+00	2,817	-	-	2	-	-	-	-	64	2,817
STH 26 - WSOR	964+00 - 983+00	-	26,496	11,143	18	399	240	-	-	-	-
WSOR - KENNEDY ROAD	983+00 - 1015+50	-	9,902	821	7	268	6	-	-	-	-
STH 26	96+00'CE' - 144+00'CE'	2,760	3,687	-	5	100	1	-	-	62	2,760
KENNEDY ROAD	208+00'KY' - 229+00'KY'	-	4,035	1,599	4	109	15	-	-	-	-
STAGE 4, PHASE 2 SUBTOTAL		5,577	44,120	13,563	36	876	262	0	0	126	5,577
STAGE 4, PHASE 3											
BEGIN OF PROJECT - USH 14	880+00 - 923+00	-	11,329	4,123	8	102	137	-	-	-	-
USH 14 - RYAN ROAD	923+00 - 953+00	-	10,330	2,094	8	250	40	-	-	-	-
RYAN ROAD - STH 26	953+00 - 964+00	-	13,923	6,842	10	177	159	-	-	-	-
STH 26 - WSOR	964+00 - 983+00	-	11,067	3,737	8	-	220	-	-	-	-
STAGE 4, PHASE 3 SUBTOTAL		0	46,649	16,796	34	529	556	0	0	0	0
STAGE 4, PHASE 4											
BEGIN OF PROJECT - USH 14	880+00 - 923+00	-	10,807	5,147	8	109	151	-	-	-	-
USH 14 - RYAN ROAD	923+00 - 953+00	-	5,997	1,781	5	-	123	-	-	-	-
RYAN ROAD - STH 26	953+00 - 964+00	-	2,416	2,416	2	66	-	-	-	-	-
WSOR - KENNEDY ROAD	983+00 - 1015+50	-	18,260	3,812	13	494	34	-	-	-	-
KENNEDY ROAD - END OF PROJECT	1015+50 - 1032+00	-	3,831	-	4	104	22	-	-	-	-
STH 26	96+00'CE' - 144+00'CE'	2,899	10,959	3,759	10	220	63	-	-	66	2,899
STAGE 4, PHASE 4 SUBTOTAL		2,899	52,270	16,915	42	993	393	0	0	66	2,899
STAGE 5											
KENNEDY ROAD - TOWNLINE ROAD	1025+00 - 1100+00	-	25,518	17,944	20	689	107	-	-	-	-
STH 26	96+00'CE' - 144+00'CE'	6,782	3,056	-	7	83	6	-	-	153	6,782
BORROW PIT	-	-	-	165,344	105	-	-	-	4,500	-	-
STAGE 5 SUBTOTAL		6,782	28,574	183,288	132	772	113	0	4,500	153	6,782
STAGE 6											
KENNEDY ROAD - TOWNLINE ROAD	1025+00 - 1100+00	-	3,054	3,054	3	83	29	-	-	-	-
STAGE 6 SUBTOTAL		0	3,054	3,054	3	83	29	0	0	0	0
UNDISTRIBUTED		442	20,741	75,430	109	1,682	940	292	-	7	442
	PROJECT 1005-10-77 TOTAL	**16,000**	**411,000**	**375,000**	**520**	**8,250**	**4,500**	**1,425**	**4,500**	**360**	**16,000**

* ADDITIONAL QUANTITIES FOUND IN THE "SEEDING, VEGETATION MANAGEMENT, AND SIGNAGE" TABLE

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ID 1005-10-77
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DELINEATOR ITEMS

LOCATION	STATION	STATION	633.0100 DELINEATOR POSTS STEEL (EACH)	633.0500 DELINEATOR REFLECTORS (EACH)	633.1000 DELINEATOR BRACKETS (EACH)
1005-10-77 CATEGORY 1000					
IH 39/90					
BEGIN PROJECT - USH 14	869+80 -	923+00	–	--	–
USH 14 - RYAN ROAD	923+00 -	953+00	–	--	–
RYAN ROAD - STH 26	953+00 -	964+00	–	--	–
STH 26 - WSOR	964+00 -	983+00	–	--	–
WSOR - KENNEDY ROAD	983+00 -	1015+50	9	18	–
KENNEDY ROAD - TOWNLINE ROAD	1015+50 -	1100+00	27	34	5
TOWNLINE ROAD - END POJECT	1100+00 -	1172+15	–	--	–
IH 39/90 SUBTOTAL			36	52	5
NB IH 39/90 OFF RAMP AT USH 14 (HB RAMP)					
	885+47'HB' -	919+70'HB'	–	51	28
NB IH 39/90 OFF RAMP (HB RAMP) SUBTOTAL			–	51	28
SB IH 39/90 ON RAMP AT USH 14 (HC RAMP)					
	877+55'HC' -	924+10'HC'	11	60	29
SB IH 39/90 ON RAMP (HC RAMP) SUBTOTAL			11	60	29
NB IH 39/90 ON RAMP AT USH 14 (HA RAMP)					
	920+60'HA' -	951+10'HA'	3	26	18
NB IH 39/90 ON RAMP (HA RAMP) SUBTOTAL			3	26	18
SB IH 39/90 OFF RAMP AT USH 14 (HD RAMP)					
	927+30'HD' -	949+30'HD'	–	21	15
SB IH 39/90 OFF RAMP (HD RAMP) SUBTOTAL			–	21	15
NB IH 39/90 OFF RAMP AT STH 26 (CB RAMP)					
	951+10'CB' -	966+91'CB'	9	16	4
	963+48'CBA' -	966+38'CBA'	–	--	–
NB IH 39/90 OFF RAMP (CB RAMP) SUBTOTAL			9	16	4
SB IH 39/90 ON RAMP AT STH 26 (CC RAMP)					
	949+30'CC' -	960+00'CC'	–	20	9
	959+96'CCA' -	964+13'CCA'	2	2	–
SB IH 39/90 ON RAMP (CC RAMP) SUBTOTAL			2	22	9
NB IH 39/90 ON RAMP AT STH 26 (CA RAMP)					
	963+50'CA' -	978+72'CA'	26	60	18
	964+55'CAA' -	968+28'CAA'	--	--	--
NB IH 39/90 ON RAMP (CA RAMP) SUBTOTAL			26	60	18
SB IH 39/90 OFF RAMP AT STH 26 (CD RAMP)					
	961+83'CD' -	979+80'CD'	34	62	15
	962+20'CDA' -	965+28'CD'	--	--	--
SB IH 39/90 OFF RAMP (CD RAMP) SUBTOTAL			34	62	15
UNDISTRIBUTED			4	10	9
1005-10-77 PROJECT TOTAL			**125**	**380**	**150**

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PERMANENT SIGNING TYPE II (CONTINUED)

SIGN #	SIGN CODE	SIGN SIZE W X H IN	637.2210* SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-INCH 12 FT EACH	634.0614 14 FT EACH	634.0616 16 FT EACH	634.0618 18 FT EACH	634.0620 20 FT EACH	634.0622 22 FT EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77													
CATEGORY 1000													
SUBTOTAL			332.00	20.00	18.00	2	2	27	13	1	1		
5M-20	R6-2R	24 X 30	–	–	–	–	–	1	–	–	–	–	ONE WAY RIGHT ARROW
5M-21	R1-1F	30 X 30	–	–	–	–	–	1	–	–	–	–	STOP SIGN (FOLDING)
5M-22	R1-1F	30 X 30	–	–	–	–	1	–	–	–	–	5M-13	STOP SIGN (FOLDING)
06-03	J3-1	24 X 57	9.50	–	–	–	–	–	1	–	–	5M-03	DIRECTIONAL ASSEMBLY
06-04	R1-1F	30 X 30	–	7.46	–	–	–	1	–	–	–	5M-04, 06-05	STOP SIGN (FOLDING)
06-05	R6-3	36 X 24	6.00	–	–	–	–	–	–	–	–	5M-04, 06-04	DIVIDED HIGHWAY SIGN CROSSROAD
06-06	J3-1	24 X 57	9.50	–	–	–	–	–	1	–	–	5M-02	DIRECTIONAL ASSEMBLY
06-07	R11-54F	48 X 30	–	10.00	–	–	1	–	–	–	–	–	RAMP CLOSED USE ALT ROUTE (FOLDING)
06-08	R11-54F	48 X 30	–	10.00	–	–	–	1	–	–	–	5M-15	RAMP CLOSED USE ALT ROUTE (FOLDING)
06-09	W4-3R	48 X 48	–	–	16.00	–	–	–	2	–	–	–	MERGE-ADDED LANE FROM RIGHT
07-01	D10-5	21 X 60	8.75	–	–	–	–	–	–	–	–	07-05	ENHANCED REFERENCE MARKER
7M-01	R7-64	48 X 30	–	–	–	–	–	–	–	–	–	07-13	NO PARKING ON RAMP
07-05	D10-5	21 X 60	8.75	–	–	–	–	1	–	–	–	07-01	ENHANCED REFERENCE MARKER
07-06	D1-2	72 X 30	15.00	–	–	–	–	2	–	–	–	–	TWO DESTINATION (ARROWS)
07-07	W3-3	36 X 36	–	–	9.00	–	–	–	–	–	–	–	SIGNAL AHEAD
07-08	E5-1B	114 X 60	47.50	–	–	–	–	–	–	2	–	07-17	EXIT 171 B
07-10	R3-8P	54 X 30	11.25	–	–	–	–	2	–	–	–	–	LEFT ONLY / LEFT, AHEAD / RIGHT ONLY
07-11	W4-3R	48 X 48	–	–	16.00	–	–	–	2	–	–	–	MERGE-ADDED LANE FROM RIGHT
07-12	R3-8P	54 X 30	11.25	–	–	–	–	2	–	–	–	–	LEFT ONLY / LEFT, AHEAD / RIGHT ONLY
07-13	J3-1	24 X 57	9.50	–	–	–	–	–	–	–	–	7M-01	DIRECTIONAL ASSEMBLY
07-14	JV-F	36 X 54	–	13.50	–	–	–	–	–	–	–	07-11	ANY FOLDING VERTICAL CONFIGURED J-PANEL
5M-17	R7-64	48 X 30	–	–	–	–	–	–	1	–	–	–	NO PARKING ON RAMP
08-01	D10-5	21 X 60	8.75	–	–	–	–	–	–	–	–	08-06	ENHANCED REFERENCE MARKER
08-06	D10-5	21 X 60	8.75	–	–	–	–	–	1	–	–	08-01	ENHANCED REFERENCE MARKER
08-16	D10-5	21 X 60	8.75	–	–	–	–	–	–	–	–	08-17	ENHANCED REFERENCE MARKER
08-17	D10-5	21 X 60	8.75	–	–	–	–	–	1	–	–	08-16	ENHANCED REFERENCE MARKER
08-23	J3-1	36 X 84	21.00	–	–	–	–	–	–	–	–	08-02/03/04/05	DIRECTIONAL ASSEMBLY
08-24	J3-1	36 X 84	21.00	–	–	–	–	–	–	–	–	08-12/13/14/15	DIRECTIONAL ASSEMBLY
09-01	E5-1B	114 X 60	47.50	–	–	–	–	–	–	2	–	–	EXIT 171 A
09-02	W4-3R	48 X 48	–	–	16.00	–	–	–	2	–	–	–	MERGE-ADDED LANE FROM RIGHT
09-03	D10-5	21 X 60	8.75	–	–	–	–	–	1	–	–	09-05	ENHANCED REFERENCE MARKER
09-04	R7-64	48 X 30	10.00	–	–	–	–	1	–	–	–	–	NO PARKING ON RAMP
09-05	D10-5	21 X 60	8.75	–	–	–	–	–	–	–	–	09-03	ENHANCED REFERENCE MARKER
09-06	W4-3R	48 X 48	–	–	16	–	–	–	2	–	–	–	MERGE-ADDED LANE FROM RIGHT
09-07	W3-3	36 X 36	–	–	9	–	–	1	–	–	–	–	SIGNAL AHEAD
09-08	W3-3	36 X 36	–	–	9	–	–	1	–	–	–	–	SIGNAL AHEAD
10-01	R7-64	48 X 30	10.00	–	–	–	–	1	–	–	–	–	NO PARKING ON RAMP
10-02	W4-2R	36 X 36	–	–	9.00	–	–	1	–	–	–	–	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
10-03	W5-56	18 X 18	–	–	2.25	1	–	–	–	–	–	–	END OF ROAD MARKER W/ RED DELINEATOR
10-04	W5-56	18 X 18	–	–	2.25	1	–	–	–	–	–	–	END OF ROAD MARKER W/ RED DELINEATOR
10-05	W5-56	18 X 18	–	–	2.25	1	–	–	–	–	–	–	END OF ROAD MARKER W/ RED DELINEATOR
10-06	W4-1	36 X 36	–	–	9.00	–	–	1	–	–	–	–	MERGING TRAFFIC SYMBOL (RIGHT)
10-07	R5-57	36 X 36	9.00	–	–	–	–	1	–	–	–	–	PEDESTRIANS, ETC., PROHIBITED
10-08	W12-1D	24 X 24	–	–	4.00	1	–	–	–	–	–	–	DOUBLE DOWN ARROW
10-09	R5-1A	36 X 24	6.00	–	–	–	–	–	–	–	–	10-13	WRONG WAY
10-10	R5-1A	36 X 24	6.00	–	–	–	1	–	–	–	–	–	WRONG WAY
10-11	J3-1	24 X 57	9.50	–	–	–	–	–	1	–	–	–	DIRECTIONAL ASSEMBLY
10-12	J3-1	24 X 57	9.50	–	–	–	–	–	1	–	–	–	DIRECTIONAL ASSEMBLY
10-13	JH3-1	24 X 45	7.50	–	–	–	–	1	–	–	–	10-09	HOSPITAL DIRECTIONAL ASSEMBLY
11-01	J2-2	48 X 57	19.00	–	–	–	–	–	1	–	–	–	ROUTE TURN ASSEMBLY
11-04	W3-3	36 X 36	–	–	9.00	–	–	1	–	–	–	–	SIGNAL AHEAD
11-05	R5-57	36 X 36	9.00	–	–	–	–	1	–	–	–	–	PEDESTRIANS, ETC., PROHIBITED
11-06	D1-2	72 X 30	15.00	–	–	–	–	2	–	–	–	–	TWO DESTINATION (ARROWS)
11-07	J3-1	24 X 57	9.50	–	–	–	–	1	–	–	–	–	DIRECTIONAL ASSEMBLY
11-08	R5-1A	36 X 24	6.00	–	–	–	1	–	–	–	–	–	WRONG WAY
11-09	J3-1	24 X 57	9.50	–	–	–	–	1	–	–	–	–	DIRECTIONAL ASSEMBLY
11-11	R5-1A	36 X 24	6.00	–	–	–	1	–	–	–	–	–	WRONG WAY
11-12	W4-1	36 X 36	–	–	9.00	–	–	1	–	–	–	–	MERGING TRAFFIC SYMBOL (RIGHT)
11-13	R5-57	36 X 36	9.00	–	–	–	–	1	–	–	–	–	PEDESTRIANS, ETC., PROHIBITED
11-14	W4-2R	36 X 36	–	–	9.00	–	–	1	–	–	–	–	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
11-15	R7-64	48 X 30	10.00	–	–	–	–	1	–	–	–	–	NO PARKING ON RAMP
12-01	R3-8F	36 X 30	7.50	–	–	–	–	1	–	–	–	–	LEFT ONLY / RIGHT ONLY
12-02	J2-2	48 X 57	19.00	–	–	–	–	–	1	–	–	–	ROUTE TURN ASSEMBLY
12-03	D10-5	21 X 60	8.75	–	–	–	–	–	–	1	–	12-14	ENHANCED REFERENCE MARKER
12-04	W3-3	36 X 36	–	–	9.00	–	–	1	–	–	–	–	SIGNAL AHEAD
12-05	E5-1B	114 X 60	47.50	–	–	–	–	–	–	2	–	–	EXIT 171 A
12-06	R7-64	48 X 30	10.00	–	–	–	–	1	–	–	–	–	NO PARKING ON RAMP
12-13	R3-8F	36 X 30	7.50	–	–	–	–	1	–	–	–	–	LEFT ONLY / RIGHT ONLY
12-14	D10-5	21 X 60	8.75	–	–	–	–	–	–	–	–	12-03	ENHANCED REFERENCE MARKER
12-15	W4-2R	48 X 48	–	–	16.00	–	–	–	2	–	–	–	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
12-16	D1-2	72 X 36	18.00	–	–	–	–	2	–	–	–	–	TWO DESTINATION (ARROWS)
12-17	JH3-1	24 X 45	7.50	–	–	–	–	1	–	–	–	–	HOSPITAL DIRECTIONAL ASSEMBLY
13-01	D10-5	21 X 60	8.75	–	–	–	–	–	–	1	–	13-05	ENHANCED REFERENCE MARKER
13-04	D10-5	21 X 60	8.75	–	–	–	–	–	–	1	–	13-06	ENHANCED REFERENCE MARKER
13-05	D10-5	21 X 60	8.75	–	–	–	–	–	–	–	–	13-01	ENHANCED REFERENCE MARKER
SUBTOTAL			932.25	60.96	189.75	6	7	63	33	10	1		

Addendum No. 1
ID 1005-10-77
Revised Sheet 1838
November 28, 2018

3

PERMANENT SIGNING TYPE II

SIGN #	SIGN CODE	SIGN SIZE W X H IN IN	SIGNS TYPE II REFLECTIVE H SF (637.2210*)	SIGNS TYPE II REFLECTIVE H FOLDING SF (637.2215)	SIGNS TYPE I REFLECTIVE F SF (637.2230)	POSTS WOOD 4X6-INCH 12 FT EACH (634.0612)	14 FT EACH (634.0614)	16 FT EACH (634.0616)	18 FT EACH (634.0618)	20 FT EACH (634.0620)	22 FT EACH (634.0622)	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77													
CATEGORY 1000													
	SUBTOTAL		932.25	60.96	189.75	6	7	63	33	10	1		
13-06	D10-5	21 X 60	8.75	–	–	--	–	–	–	–	–	13-04	ENHANCED REFERENCE MARKER
13-07	D9-13C	36 X 66	16.50	–	–	–	–	–	1	–	–	–	EMERGENCY MED. CARE/ RT TURN ARROW
13-08	J3-1	36 X 84	21.00	–	–	--	–	–	–	2	--	–	DIRECTIONAL ASSEMBLY
14-01	D10-5	21 X 60	8.75	–	–	--	–	–	–	–	–	14-02	ENHANCED REFERENCE MARKER
14-02	D10-5	21 X 60	8.75	–	–	--	–	–	–	1	–	14-01	ENHANCED REFERENCE MARKER
15-01	W1-10L	30 X 30	--	–	6.25	--	–	1	–	–	--	–	CURVE LEFT / INTERSECTION
15-02	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 35 MPH
15-03	D10-5	21 X 60	8.75	–	–	--	–	–	1	–	–	15-04	ENHANCED REFERENCE MARKER
15-04	D10-5	21 X 60	8.75	–	–	--	–	–	–	–	–	15-03	ENHANCED REFERENCE MARKER
15-05	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 25 MPH
15-06	W1-7	48 X 24	--	–	8.00	–	1	–	–	–	–	–	NIGHT ARROW (DOUBLE)
15-07	J4-2	72 X 54	27.00	–	–	--	–	–	2	–	--	–	REASSURANCE ASSEMBLY
15-08	R1-1	30 X 30	5.18	–	–	–	–	1	–	–	–	–	STOP SIGN
15-09	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 35 MPH
15-10	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 45 MPH
15-11	R5-53A	42 X 54	15.75	–	–	--	–	–	2	–	--	–	SEAT BELT SIGN - CLICK IT...WHY RISK IT?
15-12	D10-5	21 X 60	8.75	–	–	--	–	–	1	–	–	15-13	ENHANCED REFERENCE MARKER
15-13	D10-5	21 X 60	8.75	–	–	--	–	–	–	–	–	15-12	ENHANCED REFERENCE MARKER
15-14	W1-2R	30 X 30	--	–	6.25	--	–	–	1	–	–	–	RIGHT CURVE
15-15	R1-1	18 X 18	1.86	–	–	–	1	–	–	–	–	–	STOP SIGN
15-16	R1-1	18 X 18	1.86	–	–	–	1	–	–	–	–	–	STOP SIGN
16-01	R2-1	48 X 60	20.00	–	–	–	–	–	2	–	–	–	SPEED LIMIT 70 MPH
14M-01	R4-3	48 X 60	--	–	–	--	–	–	2	–	–	–	SLOWER TRAFFIC KEEP RIGHT
14M-02	D10-5	21 X 60	--	–	–	--	–	1	–	–	--	–	ENHANCED REFERENCE MARKER
19M-01	D10-5	21 X 60	--	–	–	--	–	1	–	–	--	–	ENHANCED REFERENCE MARKER
20M-01	D10-5	21 X 60	--	–	–	--	–	1	–	–	--	–	ENHANCED REFERENCE MARKER
19-01	D10-5	21 X 60	8.75	–	–	--	–	1	–	–	–	–	ENHANCED REFERENCE MARKER
19-02	D10-5	21 X 60	8.75	–	–	--	–	1	–	–	–	–	ENHANCED REFERENCE MARKER
20-01	R3-4B	36 X 48	12.00	–	–	–	–	1	–	–	--	–	NO U TURN SIGN COMBINED W/MAINT&POLICE
20-02	R3-4B	36 X 48	12.00	–	–	–	–	1	–	–	--	–	NO U TURN SIGN COMBINED W/MAINT&POLICE
20-14	R2-1	24 X 30	5.00	–	–	–	–	–	–	–	–	20-15	SPEED LIMIT 40 MPH
20-15	J3-1	24 X 57	9.50	–	–	–	–	–	–	–	–	20-14	DIRECTIONAL ASSEMBLY
20-16	J3-1	24 X 57	9.50	–	–	--	–	–	1	–	–	–	DIRECTIONAL ASSEMBLY
15M-21	CUSTOM	24 X 57	–	–	–	–	–	–	1	–	--	–	DOWNTOWN/AIRPORT DIRECTIONS
20-33	J4-1	24 X 36	6.00	–	–	–	–	–	1	–	–	–	REASSURANCE ASSEMBLY
20-34	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 40 MPH
20-35	W3-3	36 X 36	--	–	9.00	--	–	1	–	–	–	–	SIGNAL AHEAD
20-36	R3-20L	24 X 36	6.00	–	–	–	–	1	–	–	--	–	BEGIN LEFT TURN LANE
15M-22	CUSTOM	24 X 57	–	–	–	--	–	–	1	–	–	–	FAIRGROUND/HOSPITAL DIRECTIONS
21-01	R5-1	30 X 30	6.25	–	–	–	–	1	–	–	–	–	DO NOT ENTER
21-02	D1-2	72 X 30	15.00	–	–	–	–	2	–	–	--	–	TWO DESTINATION (ARROWS)
21-04	R3-2	24 X 24	4.00	–	–	–	–	–	–	–	–	21-05	NO LEFT TURN SYMBOL
21-05	R6-2R	24 X 30	5.00	–	–	--	–	1	–	–	–	21-04	ONE WAY RIGHT ARROW
21-07	J2-3	72 X 57	28.50	–	–	--	–	–	2	–	--	–	ROUTE TURN ASSEMBLY
21-08	M1-94H	66 X 18	8.25	–	–	--	--	–	–	–	–	–	CROSS ROAD NAME FOR OVERHEAD STREET
21-09	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 40 MPH
21-10	R6-2L	24 X 30	5.00	–	–	--	–	1	–	–	–	–	ONE WAY LEFT ARROW
21-11	R1-1F	36 X 36	--	7.46	–	--	–	–	–	–	–	–	STOP SIGN (FOLDING)
21-12	R1-1F	36 X 36	--	7.46	–	--	–	–	–	–	–	21-14/15/16	STOP SIGN (FOLDING)
21-13	R6-3	30 X 24	5.00	–	–	--	1	–	–	–	–	–	DIVIDED HIGHWAY SIGN CROSSROAD
21-14	R6-3	30 X 24	5.00	–	–	--	–	–	–	–	–	21-12/15/16	DIVIDED HIGHWAY SIGN CROSSROAD
21-15	R3-4	24 X 24	4.00	–	–	--	--	–	–	–	–	21-12/14/16	NO U TURN SYMBOL
21-16	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	21-12/14/15	KEEP RIGHT
21-17	W12-1D	24 X 24	--	–	4.00	1	–	–	–	–	–	–	DOUBLE DOWN ARROW
21-18	R6-2R	24 X 30	5.00	–	–	--	–	1	–	–	–	–	ONE WAY RIGHT ARROW
21-19	R3-2	24 X 24	4.00	–	–	–	–	–	–	–	–	21-05/06	NO LEFT TURN SYMBOL
21-20	J1-2	48 X 39	13.00	–	–	–	–	1	–	–	--	21-21	JUNCTION OR END ASSEMBLY
21-21	R5-1A	36 X 24	6.00	–	–	--	–	–	–	–	–	21-20	WRONG WAY
21-22	R1-1F	36 X 36	--	7.46	–	--	–	–	–	–	–	21-29	STOP SIGN (FOLDING)
21-23	R1-1F	36 X 36	--	7.46	–	--	–	–	–	–	–	21-24	STOP SIGN (FOLDING)
21-24	R5-1	30 X 30	6.25	–	–	–	–	–	–	–	–	21-23	DO NOT ENTER
21-25	M1-94H	78 X 18	9.75	–	–	--	--	–	–	–	–	–	CROSS ROAD NAME FOR OVERHEAD STREET
21-26	R6-2L	24 X 30	5.00	–	–	--	–	–	–	–	–	21-27/28	ONE WAY LEFT ARROW
21-27	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	--	21-26/28	STOP SIGN (FOLDING)
21-28	R6-3	30 X 24	5.00	–	–	–	–	–	–	–	–	21-26/27	DIVIDED HIGHWAY SIGN CROSSROAD
21-29	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	21-22	KEEP RIGHT
21-30	R3-8W	54 X 30	11.25	–	–	--	2	–	–	–	–	21-31	LEFT ONLY / AHEAD ONLY / RIGHT ONLY
21-31	R7-1D	18 X 24	3.00	–	–	--	–	–	–	–	–	21-30	NO PARKING ANY TIME (DOUBLE ARROW)
22-01	M1-94H	78 X 18	9.75	–	–	--	--	–	–	–	–	–	CROSS ROAD NAME FOR OVERHEAD STREET
22-02	R5-1	30 X 30	6.25	–	–	–	–	–	–	–	–	–	DO NOT ENTER
22-03	R1-1F	36 X 36	--	7.46	–	--	–	–	–	–	–	–	STOP SIGN (FOLDING)
22-04	R1-1F	36 X 36	--	7.46	–	--	–	–	–	–	–	22-15	STOP SIGN (FOLDING)
22-05	R5-1A	36 X 24	6.00	–	–	--	1	–	–	–	–	–	WRONG WAY
22-06	R3-20LL	24 X 36	6.00	–	–	--	–	1	–	–	--	–	BEGIN LEFT TURN LANE (W/ LEFT ARROW)
22-07	R4-4	36 X 30	7.50	–	–	--	–	1	–	–	–	–	BEGIN RT TURN LANE / YIELD TO BIKES
	SUBTOTAL		1,409.90	113.18	223.25	7	14	89	51	13	1		

Addendum No. 1
ID 1005-10-77
Revised Sheet 1839
November 28, 2018

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PERMANENT SIGNING TYPE II

SIGN #	SIGN CODE	SIGN SIZE W X H IN IN	637.2210* SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-INCH 12 FT EACH	634.0614 14 FT EACH	634.0616 16 FT EACH	634.0618 18 FT EACH	634.0620 20 FT EACH	634.0622 22 FT EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77													
CATEGORY 1000													
	SUBTOTAL		1,409.90	113.18	223.25	7	14	89	51	13	1		
22-08	R4-4	36 X 30	7.50	–	–	–	–	1	–	–	–	–	BEGIN RT TURN LANE / YIELD TO BIKES
16M-01	CUSTOM	– –	--	–	–	--	--	–	2	–	–	–	PARKING REGULATIONS
22-09	R3-20L	24 X 36	6.00	–	–	–	–	1	–	–	–	–	BEGIN LEFT TURN LANE
22-10	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 40 MPH
22-11	R3-8YY	54 X 30	11.25	–	–	--	–	–	–	–	–	S-53-94	DIRECTIONAL SIGN (3 STRAIGHT ARROWS)
22-12	R5-1A	36 X 24	6.00	–	–	–	–	–	–	–	–	S-53-94	WRONG WAY
CUSTOM	--	– –	--	–	–	--	2	–	–	–	–	ENGINE BRAKING	
22-13	R3-4B	36 X 48	12.00	--	–	--	–	1	–	–	--	22-14	NO U TURN SIGN COMBINED W/MAINT&POLICE
22-14	R3-4B	36 X 48	12.00	–	–	--	–	–	–	–	–	22-13	NO U TURN SIGN COMBINED W/MAINT&POLICE
22-15	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	22-04	KEEP RIGHT
22-16	M1-94H	66 X 18	8.25	--	–	--	–	–	–	–	–	–	CROSS ROAD NAME FOR OVERHEAD STREET
22-17	W24-1L	36 X 36	--	–	9.00	--	–	–	–	1	–	22-18/19	REVERSE CURVE / DDI
22-18	W24-1P	36 X 24	--	–	6.00	–	–	–	–	–	–	22-17/19	ALL LANES
22-19	W13-1	18 X 18	--	–	2.25	--	–	–	–	–	--	22-17/18	ADVISORY SPEED (YELLOW BACK)
22-20	W24-1L	36 X 36	--	–	9.00	--	–	–	–	1	–	22-21/22	REVERSE CURVE / DDI
22-21	W24-1P	36 X 24	--	–	6.00	–	–	–	–	–	–	22-20/22	ALL LANES
22-22	W13-1	18 X 18	--	–	2.25	--	–	–	–	–	--	22-20/21	ADVISORY SPEED (YELLOW BACK)
22-28	R3-8D	36 X 30	7.50	–	–	–	–	–	–	–	–	S-53-94	AHEAD ONLY / RIGHT ONLY
22-29	R5-1A	36 X 24	6.00	–	–	–	–	–	–	–	–	S-53-94	WRONG WAY
22-30	R1-1	30 X 30	5.18	–	–	–	–	1	–	–	–	–	STOP SIGN
22-31	W14-1	30 X 30	--	–	6.25	--	–	–	1	–	–	22-32	DEAD END
22-32	R7-1D	12 X 18	1.50	–	–	–	–	–	–	–	–	22-31	NO PARKING ANY TIME (DOUBLE ARROW)
22-33	R1-1	18 X 18	1.86	–	–	–	1	–	–	–	–	–	STOP SIGN
22-34	R11-54F	48 X 30	--	10.00	–	–	1	–	–	–	–	–	RAMP CLOSED USE ALT ROUTE (FOLDING)
23-01	J4-1	24 X 36	6.00	–	–	--	–	1	–	–	--	–	REASSURANCE ASSEMBLY
23-02	J4-1	24 X 36	6.00	–	–	--	–	1	–	–	--	–	REASSURANCE ASSEMBLY
23-03	R10-11B	24 X 24	4.00	–	–	–	–	–	–	–	–	–	NO TURN ON RED
23-04	R6-2R	24 X 30	5.00	–	–	–	–	–	–	–	–	–	ONE WAY RIGHT ARROW
23-05	R5-1	30 X 30	6.25	–	–	–	–	–	–	–	–	23-10	DO NOT ENTER
23-06	R5-1	30 X 30	6.25	–	–	–	–	–	–	–	–	23-08/09	DO NOT ENTER
23-07	R6-2R	24 X 30	5.00	–	–	--	–	1	–	–	--	–	ONE WAY RIGHT ARROW
23-08	R10-11B	24 X 24	4.00	–	–	–	–	–	–	–	–	23-06/09	NO TURN ON RED
23-09	R1-1F	36 X 36	--	7.46	–	–	–	–	–	–	–	23-06/08	STOP SIGN (FOLDING)
23-10	R3-1	24 X 24	4.00	–	–	–	–	–	–	–	–	23-05	NO RIGHT TURN SYMBOL
23-11	R3-2	24 X 24	4.00	–	–	–	1	–	–	–	–	–	NO LEFT TURN SYMBOL
23-12	R6-2R	24 X 30	5.00	–	–	–	–	–	–	–	–	23-13/14	ONE WAY RIGHT ARROW
23-13	R1-1F	36 X 36	--	7.46	–	–	–	–	–	–	–	23-12/14	STOP SIGN (FOLDING)
23-14	R5-1	30 X 30	6.25	–	–	–	–	–	–	–	–	23-12/13	DO NOT ENTER
23-15	R6-2L	24 X 30	5.00	–	–	–	–	–	–	–	–	–	ONE WAY LEFT ARROW
23-16	R10-11B	24 X 24	4.00	–	–	–	–	–	–	–	–	–	NO TURN ON RED
23-17	W11-2	30 X 30	--	–	6.25	--	–	1	–	–	--	23-18	PEDESTRIAN CROSSING SYMBOL
23-18	S16-7L	24 X 12	--	–	2.00	--	–	–	–	–	–	23-17	DOWN ARROW
23-19	W12-1D	24 X 24	--	–	4.00	1	–	–	–	–	–	–	DOUBLE DOWN ARROW
23-20	R5-1	30 X 30	6.25	–	–	–	–	1	–	–	–	–	DO NOT ENTER
23-21	R3-2	24 X 24	4.00	–	–	--	–	–	–	–	–	23-22/23/24/25	NO LEFT TURN SYMBOL
23-22	R3-50A	30 X 36	7.50	–	–	–	–	–	–	–	–	23-21/23/24/25	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
23-23	R3-50A	30 X 36	7.50	–	–	–	–	–	–	–	–	23-21/22/24/25	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
23-24	R3-50A	30 X 36	7.50	–	–	–	–	–	–	–	–	23-21/22/23/25	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
23-25	R3-4R	24 X 24	4.00	–	–	–	–	–	–	–	–	23-21/22/23/24	NO U-TURN (REVERSED)
23-26	R1-1F	36 X 36	--	7.46	–	–	–	–	–	–	–	23-27	STOP SIGN (FOLDING)
23-27	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	23-26	KEEP RIGHT
23-28	R1-1F	36 X 36	--	7.46	–	–	–	–	–	–	–	23-30	STOP SIGN (FOLDING)
23-29	R3-4	24 X 24	4.00	–	–	–	–	–	–	–	–	23-31/34	NO U TURN SYMBOL
23-30	R5-1	30 X 30	6.25	–	–	–	–	–	–	–	–	23-28	DO NOT ENTER
23-31	R3-50A	30 X 36	7.50	–	–	–	–	–	–	–	–	23-29/34	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
23-32	R1-1F	36 X 36	--	7.46	–	–	–	–	–	–	–	–	STOP SIGN (FOLDING)
23-33	R1-1F	36 X 36	--	7.46	–	–	–	–	–	–	–	–	STOP SIGN (FOLDING)
23-34	R3-50A	30 X 36	7.50	–	–	–	–	–	–	–	–	23-29/31	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
23-35	R5-1	30 X 30	6.25	–	–	–	–	1	–	–	–	–	DO NOT ENTER
23-36	R3-50A	30 X 36	7.50	–	–	–	–	–	–	–	–	23-37/38	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
23-37	R3-50A	30 X 36	7.50	–	–	–	–	–	–	–	–	23-36/39	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
23-38	R3-1	24 X 24	4.00	–	–	–	–	–	–	–	–	23-36/37	NO RIGHT TURN SYMBOL
23-39	R6-1L	54 X 18	6.75	--	–	--	2	–	–	–	--	–	ONE WAY FOR ROUNDABOUTS LEFT
23-40	R6-1R	54 X 18	6.75	–	–	–	2	–	–	–	–	–	ONE WAY FOR ROUNDABOUTS RIGHT
23-41	R4-8	24 X 30	5.00			–	–	–	–	–	–	–	KEEP LEFT
23-42	R1-1	18 X 18	1.86	–	–	–	1	–	–	–	–	–	STOP SIGN
23-43	R1-1	18 X 18	1.86	–	–	–	1	–	–	–	–	–	STOP SIGN
23-44	R1-1	18 X 18	1.86	–	–	--	–	–	–	–	–	–	STOP SIGN
23-45	R1-1	18 X 18	1.86	–	–	--	–	–	–	–	–	–	STOP SIGN
24-03	R5-1A	36 X 24	6.00	–	–	–	1	–	–	–	–	–	WRONG WAY
24-04	R5-1A	36 X 24	6.00	–	–	–	1	–	–	–	–	–	WRONG WAY
24-05	R5-57	36 X 36	9.00	–	–	–	–	1	–	–	–	–	PEDESTRIANS, ETC., PROHIBITED
24-06	D1-4	78 X 72	39.00	–	–	--	–	–	–	2	–	–	FOUR DESTINATION (ARROWS) *SPECIAL OCCASION ONLY
24-07	R5-1A	36 X 24	6.00	–	–	–	1	–	–	–	–	–	WRONG WAY
24-08	R5-1A	36 X 24	6.00	–	–	–	1	–	–	–	–	–	WRONG WAY
	SUBTOTAL		1,765.88	167.94	276.25	8	29	101	54	17	1		

Addendum No. 1
ID 1005-10-77
Revised Sheet 1840
November 28, 2018

3

PERMANENT SIGNING TYPE II

SIGN #	SIGN CODE	SIGN SIZE W X H IN IN	637.2210* SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-INCH 12 FT EACH	634.0614 14 FT EACH	634.0616 16 FT EACH	634.0618 18 FT EACH	634.0620 20 FT EACH	634.0622 22 FT EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77													
CATEGORY 1000													
	SUBTOTAL		1,765.88	167.94	276.25	8	29	101	54	17	1		
24-11	R11-54F	48 X 30	--	10.00	–	–	1	--	--	–	–	–	RAMP CLOSED USE ALT ROUTE (FOLDING)
25-01	D1-4	72 X 72	36.00	–	–	–	--	--	--	2	–	–	FOUR DESTINATION (ARROWS) "SPECIAL OCCASION ONLY"
25-02	R3-4	24 X 24	4.00	–	–		--	--	--	–	–	25-03/04	NO U TURN SYMBOL
25-03	R3-50A	30 X 36	7.50	–	–	–	–	--	--	–	–	25-02/04	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
25-04	R3-50A	30 X 36	7.50	–	–	–	–	--	--	–	–	25-02/03	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
25-05	R5-57	36 X 36	9.00	–	–	–	--	1	--	–	–	–	PEDESTRIANS, ETC., PROHIBITED
25-06	R1-1F	36 X 36	--	7.46	–	–	--	--	--	–	–	–	STOP SIGN (FOLDING)
25-07	R1-1F	36 X 36	--	7.46	–	–	--	--	--	–	–	25-12	STOP SIGN (FOLDING)
25-08	R3-50A	30 X 36	7.50	–	–	–	–	--	--	–	–	25-09/10	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
25-09	R3-50A	30 X 36	7.50	–	–	–	–	--	--	–	–	25-08/10	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
25-10	R3-1	24 X 24	4.00	–	–	–	–	--	--	–	–	25-08/09	NO RIGHT TURN SYMBOL
25-11	R5-1	30 X 30	6.25	–	–	–	–	--	--	–	–	25-13	DO NOT ENTER
25-12	R5-1	30 X 30	6.25	–	–	–	–	--	--	–	–	25-07	DO NOT ENTER
25-13	R1-1F	36 X 36	--	7.46	–	–	--	--	--	–	–	25-11	STOP SIGN (FOLDING)
25-14	R4-7	24 X 30	5.00	–	–	–	--	-	--	–	–	–	KEEP RIGHT
25-15	R5-1	30 X 30	6.25	–	–	–	–	1	--	–	–	–	DO NOT ENTER
25-16	W12-1D	24 X 24	--	–	4.00	1	–	--	--	–	–	–	DOUBLE DOWN ARROW
25-17	W11-2	30 X 30	--	–	6.25	–	--	1	--	–	–	25-18	PEDESTRIAN CROSSING SYMBOL
25-18	S16-7L	24 X 12	--	–	2.00	–	–	--	--	–	–	25-17	DOWN ARROW
25-19	R4-8	24 X 30	5.00	–	–	–	--	--	--	–	–	–	KEEP LEFT
25-20	R10-11B	24 X 24	4.00	–	–	–	1	--	--	–	–	–	NO TURN ON RED
25-21	R6-2L	24 X 30	5.00	–	–	–	--	--	--	–	–	–	ONE WAY LEFT ARROW
25-22	R5-1	30 X 30	6.25	–	–	–	–	--	--	–	–	25-23	DO NOT ENTER
25-23	R1-1F	36 X 36	--	7.46	–	–	1	--	--	–	–	25-22	STOP SIGN (FOLDING)
25-24	R6-2R	24 X 30	5.00	–	–	–	--	--	--	–	–	–	ONE WAY RIGHT ARROW
25-25	R3-2	24 X 24	4.00	–	–	–	1	--	--	–	–	–	NO LEFT TURN SYMBOL
25-27	R5-1	30 X 30	6.25	–	–	–	--	--	--	–	–	–	DO NOT ENTER
25-28	R1-1F	36 X 36	--	7.46	–	–	--	--	--	–	–	25-29/30	STOP SIGN (FOLDING)
25-29	R10-11B	24 X 24	4.00	–	–	–	–	--	--	–	–	25-28/30	NO TURN ON RED
25-30	R5-1	30 X 30	6.25	–	–	–	--	--	--	–	–	25-28/29	DO NOT ENTER
25-31	R3-2	24 X 24	4.00	–	–	–	–	--	--	–	–	25-32/33/34/35	NO LEFT TURN SYMBOL
25-32	R3-50A	30 X 36	7.50	–	–	–	–	--	--	–	–	25-31/33/34/35	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
25-33	R3-50A	30 X 36	7.50	–	–	–	–	--	--	–	–	25-31/32/34/35	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
25-34	R3-50A	30 X 36	7.50	–	–	–	–	--	--	–	–	25-31/32/33/35	LANE CONTROL SYMBOL (NO BORDER) - AHEAD ARROW
25-35	R3-4R	24 X 24	4.00	–	–	–	--	--	--	–	–	25-31/32/33/34	NO U-TURN (REVERSED)
25-36	R6-2R	24 X 30	5.00	–	–	–	--	1	--	–	–	–	ONE WAY RIGHT ARROW
25-37	R6-2R	24 X 30	5.00	–	–	–	--	--	--	–	–	–	ONE WAY RIGHT ARROW
25-38	R10-11B	24 X 24	4.00	–	–	–	–	--	--	–	–	–	NO TURN ON RED
25-39	R1-1F	36 X 36	--	7.46	–	–	--	--	--	–	–	–	STOP SIGN (FOLDING)
25-40	J4-1	24 X 36	6.00	–	–	–	--	1	--	–	–	–	REASSURANCE ASSEMBLY
25-41	J4-1	24 X 36	6.00	–	–	–	--	1	--	–	–	–	REASSURANCE ASSEMBLY
25-42	R6-1L	54 X 18	6.75	–	–	–	2	--	--	–	–	–	ONE WAY FOR ROUNDABOUTS LEFT
25-43	R6-1R	54 X 18	6.75	–	–	–	2	--	--	–	–	–	ONE WAY FOR ROUNDABOUTS RIGHT
25-44	R1-1	18 X 18	1.86	–	–	–	--	--	--	–	–	25-21	STOP SIGN
25-45	R1-1	18 X 18	1.86	–	–	–	–	--	--	–	–	25-12/07	STOP SIGN
25-46	R1-1	18 X 18	1.86	–	–	–	1	--	--	–	–	–	STOP SIGN
25-47	R1-1	18 X 18	1.86	–	–	–	1	--	--	–	–	–	STOP SIGN
26-01	R3-4B	36 X 48	12.00	–	–	–	--	1	--	–	–	26-02	NO U TURN SIGN COMBINED W/MAINT&POLICE
26-02	R3-4B	36 X 48	12.00	–	–	–	--	--	--	–	–	26-01	NO U TURN SIGN COMBINED W/MAINT&POLICE
26-03	R5-1A	36 X 24	6.00	–	–	–	--	--	--	–	–	S-53-92	WRONG WAY
26-04	R5-1A	36 X 24	6.00	–	–	–	--	--	--	–	–	S-53-92	WRONG WAY
26-05	R3-8D	36 X 30	7.50	–	–	–	--	--	--	–	–	S-53-92	AHEAD ONLY / RIGHT ONLY
26-11	R4-4	36 X 30	7.50	–	–	–	--	1	--	–	–	–	BEGIN RT TURN LANE / YIELD TO BIKES
26-12	R3-20L	24 X 36	6.00	–	–	–	–	1	--	–	–	–	BEGIN LEFT TURN LANE
26-13	R2-1	24 X 30	5.00	–	–	–	--	1	--	–	–	–	SPEED LIMIT 40 MPH
26-14	D9-13C	24 X 45	7.50	–	–	–	–	--	--	1	–	–	EMERGENCY MED. CENTER / STRAIGHT ARROW
26-15	R3-8YY	54 X 30	11.25	–	–	–	–	2	--	–	–	–	DIRECTIONAL SIGN (3 STRAIGHT ARROWS)
26-16	R3-20LL	24 X 36	6.00	–	–	–	–	1	--	–	–	–	BEGIN LEFT TURN LANE (W/ LEFT ARROW)
26-17	R4-4	36 X 30	7.50	–	–	–	--	1	--	–	–	–	BEGIN RT TURN LANE / YIELD TO BIKES
26-18	R5-1A	36 X 24	6.00	–	–	–	1	--	--	–	–	–	WRONG WAY
26-19	W24-1L	36 X 36	--	–	9.00	–	--	--	--	1	–	26-20/21	REVERSE CURVE / DDI
26-20	W24-1P	36 X 24	--	–	6.00	–	--	--	--	–	–	26-19/21	ALL LANES
26-21	W13-1	18 X 18	--	–	2.25	–	--	--	--	–	–	26-19/20	ADVISORY SPEED (YELLOW BACK)
26-22	R11-54F	48 X 30	--	10.00	–	–	1	--	–	–	–	–	RAMP CLOSED USE ALT ROUTE (FOLDING)
26-23	W24-1L	36 X 36	--	–	9.00	–	--	--	--	1	–	26-20/21	REVERSE CURVE / DDI
26-24	W24-1P	36 X 24	--	–	6.00	–	--	--	--	–	–	26-19/21	ALL LANES
26-25	W13-1	18 X 18	--	–	2.25	–	--	--	--	–	–	26-19/20	ADVISORY SPEED (YELLOW BACK)
27-01	R3-50R	30 X 36	7.50	–	–	–	–	1	--	–	–	–	LANE CONTROL SYMBOL (NO BORDER) - RIGHT ARROW
27-02	M1-94H	90 X 18	11.25	–	–	–	–	--	--	–	–	–	CROSS ROAD NAME FOR OVERHEAD STREET
27-03	R1-1	36 X 36	7.46	–	–	–	--	1	--	–	–	27-04	STOP SIGN
27-04	R5-1	30 X 30	6.25	–	–	–	–	--	--	–	–	27-03	DO NOT ENTER
27-05	R6-2L	24 X 30	5.00	–	–	–	--	--	--	–	–	–	ONE WAY LEFT ARROW
27-06	R6-2R	24 X 30	5.00	–	–	–	--	1	--	–	–	–	ONE WAY RIGHT ARROW
27-07	R1-1F	36 X 36	--	7.46	–	–	--	--	--	–	–	27-11/12	STOP SIGN (FOLDING)
27-08	R1-1F	36 X 36	--	7.46	–	–	--	--	--	–	–	–	STOP SIGN (FOLDING)
	SUBTOTAL		2,138.53	247.62	323.00	9	41	118	54	22	1		

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Addendum No. 1
ID 1005-10-77
Revised Sheet 1841
November 28, 2018

3

PERMANENT SIGNING TYPE I

SIGN #	SIGN CODE	SIGN SIZE W IN X H IN	637.2210* SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE I REFLECTIVE F SF	634.0612 POSTS WOOD 4X6-INCH 12 FT EACH	634.0614 14 FT EACH	634.0616 16 FT EACH	634.0618 18 FT EACH	634.0620 20 FT EACH	634.0622 22 FT EACH	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77 CATEGORY 1000													
	SUBTOTAL		2,138.53	247.62	323.00	9	41	118	54	22	1		
27-09	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	–	27-10	STOP SIGN (FOLDING)
27-10	R6-3	30 X 24	5.00	–	–	–	–	–	–	–	–	27-09	DIVIDED HIGHWAY SIGN CROSSROAD
27-11	R3-4	24 X 24	4.00	–	–	–	–	–	1	–	–	27-07/12	NO U TURN SYMBOL
27-12	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	27-07/11	KEEP RIGHT
27-13	M1-94H	78 X 18	9.75	–	–	–	–	–	–	–	–	–	CROSS ROAD NAME FOR OVERHEAD STREET
27-14	J1-2	48 X 39	13.00	–	–	–	–	1	–	–	–	27-36	JUNCTION OR END ASSEMBLY
27-15	R10-50	30 X 36	7.50	–	–	–	–	–	–	–	–	27-16/24/26	LEFT TURN YIELD ON FLASHING YELLOW ARROW
27-16	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	27-15/24/26	KEEP RIGHT
27-17	M1-94H	78 X 18	9.75	–	–	–	–	–	–	–	–	–	CROSS ROAD NAME FOR OVERHEAD STREET
27-18	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	–	–	STOP SIGN (FOLDING)
27-19	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	–	27-22	STOP SIGN (FOLDING)
27-20	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	–	27-21	STOP SIGN (FOLDING)
27-21	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	27-20	KEEP RIGHT
27-22	R5-1	30 X 30	6.25	–	–	–	–	–	–	–	–	27-19	DO NOT ENTER
27-23	R5-1	30 X 30	6.25	–	–	–	–	–	–	–	–	27-32	DO NOT ENTER
27-24	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	–	27-26/15/16	STOP SIGN (FOLDING)
27-25	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	–	27-27	STOP SIGN (FOLDING)
27-26	R6-3	30 X 24	5.00	–	–	–	–	–	–	–	–	27-24/15/16	DIVIDED HIGHWAY SIGN CROSSROAD
27-27	R6-3	30 X 24	5.00	–	–	–	–	–	–	–	–	27-25	DIVIDED HIGHWAY SIGN CROSSROAD
27-28	R6-2L	24 X 30	5.00	–	–	–	–	–	–	–	–	–	ONE WAY LEFT ARROW
27-29	M1-94H	90 X 18	11.25	–	–	–	–	–	–	–	–	–	CROSS ROAD NAME FOR OVERHEAD STREET
27-30	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	27-31	KEEP RIGHT
27-31	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	–	27-30	STOP SIGN (FOLDING)
27-32	R1-1F	36 X 36	–	7.46	–	–	–	–	–	–	–	27-23	STOP SIGN (FOLDING)
27-33	J4-1	24 X 36	6.00	–	–	–	–	1	–	–	–	–	REASSURANCE ASSEMBLY
27-34	J4-1	24 X 36	6.00	–	–	–	–	1	–	–	–	–	REASSURANCE ASSEMBLY
27-35	R5-1A	36 X 24	6.00	–	–	–	1	–	–	–	–	–	WRONG WAY
27-36	R5-1A	36 X 24	6.00	–	–	–	–	–	–	–	–	27-14	WRONG WAY
27-37	R1-1	18 X 18	1.86	–	–	–	–	–	–	–	–	27-04	STOP SIGN
27-38	R5-3	24 X 24	4.00	–	–	–	1	–	–	–	–	–	NO MOTOR VEHICLES
27-39	R1-1	18 X 18	1.86	–	–	–	–	–	–	–	–	–	STOP SIGN
28-01	R3-20LL	24 X 36	6.00	–	–	–	–	1	–	–	–	–	BEGIN LEFT TURN LANE (W/ LEFT ARROW)
28-02	R3-20L	24 X 36	6.00	–	–	–	–	1	–	–	–	–	BEGIN LEFT TURN LANE
28-03	R4-4	36 X 30	7.50	–	–	–	–	1	–	–	–	–	BEGIN RT TURN LANE / YIELD TO BIKES
28-04	W3-3	36 X 36	–	–	9.00	–	–	1	–	–	–	–	SIGNAL AHEAD
28-05	W3-3	36 X 36	–	–	9.00	–	–	1	–	–	–	–	SIGNAL AHEAD
28-06	W4-2R	36 X 36	–	–	9.00	–	–	1	–	–	–	–	LANE REDUCTION TRANSITION SYMBOL (RIGHT)
28-07	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 40 MPH
28-08	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 40 MPH
29-01	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 40 MPH
29-02	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 40 MPH
29-03	R1-1	18 X 18	1.86	–	–	–	1	–	–	–	–	–	STOP SIGN
30-01	R3-8W	54 X 30	11.25	–	–	–	–	2	–	–	–	–	LEFT ONLY / AHEAD ONLY / RIGHT ONLY
30-02	R6-2R	24 X 30	5.00	–	–	–	–	1	–	–	–	–	ONE WAY RIGHT ARROW
30-03	R4-7	24 X 30	5.00	–	–	–	–	1	–	–	–	–	KEEP RIGHT
30-04	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 30 MPH
31-01	R1-1	30 X 30	5.18	–	–	–	–	1	–	–	–	–	STOP SIGN
31-02	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 25 MPH
32-01	R2-1	24 X 30	5.00	–	–	–	–	1	–	–	–	–	SPEED LIMIT 25 MPH
32-02	W3-3	36 X 36	–	–	9.00	–	–	–	1	–	–	–	SIGNAL AHEAD
32-03	R4-4	36 X 30	7.50	–	–	–	–	1	–	–	–	–	DOWN ARROW
32-04	R3-8V	72 X 30	15.00	–	–	–	–	2	–	–	–	–	LANE DESIGNATION (LT, THRU, BIKE, RT)
33-01	R3-20R	24 X 36	6.00	–	–	–	–	1	–	–	–	–	BEGIN RIGHT TURN LANE
33-02	R1-1F	30 X 30	–	5.18	–	–	–	–	–	–	–	33-04/05	STOP SIGN (FOLDING)
33-03	R3-20L	24 X 36	6.00	–	–	–	–	1	–	–	–	–	BEGIN LEFT TURN LANE
33-04	R10-50	30 X 36	7.50	–	–	–	–	–	–	–	–	33-02/05	LEFT TURN YIELD ON FLASHING YELLOW ARROW
33-05	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	33-02/04	KEEP RIGHT
33-06	R1-1F	30 X 30	–	5.18	–	–	–	–	–	–	–	–	STOP SIGN (FOLDING)
33-07	R1-1F	30 X 30	–	5.18	–	–	–	–	–	–	–	–	STOP SIGN (FOLDING)
33-08	R1-1F	30 X 30	–	5.18	–	–	–	–	–	–	–	–	STOP SIGN (FOLDING)
33-09	R1-1F	36 X 36	–	5.18	–	–	–	–	–	–	–	33-13/14	STOP SIGN (FOLDING)
33-10	W12-1D	24 X 24	–	–	4.00	1	–	–	–	–	–	–	DOUBLE DOWN ARROW
33-11	R1-1	30 X 30	5.18	–	–	–	–	1	–	–	–	–	STOP SIGN
33-12	R1-1F	30 X 30	–	5.18	–	–	–	–	–	–	–	–	STOP SIGN (FOLDING)
33-13	R10-50	30 X 36	7.50	–	–	–	–	–	–	–	–	33-09/14	LEFT TURN YIELD ON FLASHING YELLOW ARROW
33-14	R4-7	24 X 30	5.00	–	–	–	–	–	–	–	–	33-09/13	KEEP RIGHT
33-15	R3-20L	24 X 36	6.00	–	–	–	–	1	–	–	–	–	BEGIN LEFT TURN LANE
33-16	R3-20R	24 X 36	6.00	–	–	–	–	–	–	–	–	33-17	BEGIN RIGHT TURN LANE
33-17	W1-5R	30 X 30	–	–	6.25	–	–	–	1	–	–	33-16	RIGHT WINDING ROAD
PROJECT 1005-10-77 TOTALS			**2,437.47**	**338.38**	**369.25**	**10**	**44**	**146**	**57**	**22**	**1**		

* ADDITIONAL QUANTITIES FOUND IN THE "SEEDING, VEGETATION MANAGEMENT, AND SIGNAGE" TABLE AND THE "FENCING" TABLE

Addendum No. 1
ID 1005-10-77
Revised Sheet 1846
November 28, 2018

3

REMOVING & MOVING SIGNS (CONTINUED)

SIGN #	SIGN CODE	638.2102 MOVING SIGNS TYPE I (EACH)	638.2601 REMOVING SIGNS TYPE I (EACH)	638.2602 REMOVING SIGNS TYPE II (EACH)	638.3000 REMOVING SMALL SIGN SUPPORTS (EACH)	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS (EACH)	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77								
CATEGORY 1000								
SUBTOTAL		43	5	73	129	2		
9R-08	W1-8	–	–	1	1	–	–	CHEVRON
9R-09	R5-1A	–	–	–	–	–	9R-10	WRONG WAY
9R-10	J2-2	–	–	1	1	–	9R-09	ROUTE TURN ASSEMBLY
9R-11	D10-5A	–	–	1	1	–	9R-12	ENHANCED REFERENCE MARKER
9R-12	D10-5A	–	–	–	–	–	9R-11	ENHANCED REFERENCE MARKER
9R-13	R7-64	–	–	1	1	–	–	NO PARKING ON RAMP
9R-14	E5-1	–	–	1	2	–	–	EXIT (ARROW)
9R-15	W1-6	–	–	1	1	–	–	NIGHT ARROW (SINGLE)
9R-16	W3-3	–	–	1	1	–	–	SIGNAL AHEAD
9R-17	R7-64	–	–	1	1	–	–	NO PARKING ON RAMP
10R-01	CUSTOM	–	–	1	3	–	–	EXIT 171A STH 26 ARROW
10R-02	W13-2	–	–	1	1	–	–	EXIT SPEED 25 MPH
10R-03	D10-5A	–	–	1	1	–	10R-04	ENHANCED REFERENCE MARKER
10R-04	D10-5A	–	–	–	–	–	10R-03	ENHANCED REFERENCE MARKER
10R-05	CUSTOM	–	–	1	3	–	–	EXIT 171B USH 14 3/4 MILE
10R-06	J4-2	–	–	1	2	–	–	REASSURANCE ASSEMBLY
10R-07	D10-5A	–	–	1	1	–	10R-08	ENHANCED REFERENCE MARKER
10R-08	D10-5A	–	–	–	–	–	10R-07	ENHANCED REFERENCE MARKER
11R-01	R4-5	–	–	1	2	–	–	TRUCKS USE RIGHT LANE
11R-02	R4-5	–	–	1	2	–	–	TRUCKS USE RIGHT LANE
11R-03	CUSTOM	–	–	1	3	–	–	EXIT 171C CLOSED USE EXIT 171B
11R-04	D10-5A	–	–	1	1	–	11R-05	ENHANCED REFERENCE MARKER
11R-05	D10-5A	–	–	–	–	–	11R-04	ENHANCED REFERENCE MARKER
11R-06	CUSTOM	–	–	1	3	–	–	EXIT 171 A WEST USH 14 & STH 26 JANESVILLE MILTON NEXT RIGHT
11R-07	R2-1	–	–	1	2	–	–	SPEED LIMIT 70 MPH
12R-02	D10-5A	–	–	1	1	–	12R-03	ENHANCED REFERENCE MARKER
12R-03	D10-5A	–	–	–	–	–	12R-02	ENHANCED REFERENCE MARKER
12R-04	CUSTOM	–	–	1	3	–	–	EAST USH 14 CLEARANCE 14'-3" MAX
12R-05	D10-5A	–	–	1	1	–	12R-06	ENHANCED REFERENCE MARKER
12R-06	D10-5A	–	–	–	–	–	12R-05	ENHANCED REFERENCE MARKER
13R-01	CUSTOM	–	–	1	3	–	–	EXITS 171A-B USH 14 STH 26 JANESVILLE MILTON 1 MILE
13R-02	D10-5A	–	–	1	1	–	13R-03	ENHANCED REFERENCE MARKER
13R-03	D10-5A	–	–	–	–	–	13R-02	ENHANCED REFERENCE MARKER
13R-04	R3-4B	–	–	1	1	–	–	NO U TURN SIGN COMBINED W/MAINT&POLICE
13R-05	R3-4B	–	–	1	1	–	–	NO U TURN SIGN COMBINED W/MAINT&POLICE
14R-01	D10-5A	–	–	1	1	–	–	ENHANCED REFERENCE MARKER
14R-02	D10-5A	–	–	1	1	–	–	ENHANCED REFERENCE MARKER
14M-01	R4-3	1	–	–	1	–	–	SLOWER TRAFFIC KEEP RIGHT
14M-02	D10-5A	1	–	–	1	–	–	ENHANCED REFERENCE MARKER
19M-01	D10-5A	1	–	–	1	–	–	ENHANCED REFERENCE MARKER
20M-01	D10-5A	1	–	–	1	–	–	ENHANCED REFERENCE MARKER
15R-01	R2-1	–	–	1	1	–	15R-02	SPEED LIMIT 40 MPH
15R-02	J3-1	–	–	–	–	–	15R-01	DIRECTIONAL ASSEMBLY
15R-03	J3-1	–	–	1	1	–	–	DIRECTIONAL ASSEMBLY
15R-04	R5-1	–	–	1	–	–	–	DO NOT ENTER
15R-05	R5-1	–	–	1	1	–	15R-19	DO NOT ENTER
15R-06	D1-2	–	–	1	2	–	–	TWO DESTINATION (ARROWS)
15R-07	R6-2R	–	–	–	–	–	15R-21/22	ONE WAY RIGHT ARROW
15R-08	R4-7	–	–	–	–	–	15R-24/25	KEEP RIGHT
15R-09	R2-1	–	–	1	1	–	–	SPEED LIMIT 40 MPH
15R-10	R4-7	–	–	1	–	–	–	KEEP RIGHT
15R-11	R4-7	–	–	1	–	–	–	KEEP RIGHT
15R-12	J1-1	–	–	1	1	–	–	JUNCTION OR END ASSEMBLY
15R-13	R2-1	–	–	1	1	–	–	SPEED LIMIT 40 MPH
15R-14	R3-7R	–	–	1	1	–	–	RIGHT LANE MUST TURN RIGHT
15R-15	R2-1	–	–	1	1	–	15R-16	SPEED LIMIT 40 MPH
15R-16	J4-1	–	–	–	–	–	15R-15	SPEED LIMIT 40 MPH
15R-17	W3-3	–	–	1	1	–	–	SIGNAL AHEAD
15R-18	W12-1D	–	–	1	1	–	–	DOUBLE DOWN ARROW
15R-19	R3-4	–	–	–	–	–	15R-05	NO U TURN SYMBOL
15R-20	R5-1	–	–	1	1	–	–	DO NOT ENTER
15M-21	CUSTOM	1	–	–	1	–	–	AIRPORT/DOWNTOWN DIRECTIONS
15M-22	CUSTOM	1	–	–	1	–	–	HOSPITAL/FAIRGROUND DIRECTIONS
SUBTOTAL		49	5	117	193	2		

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Addendum No. 1
ID 1005-10-77
Revised Sheet 1847
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REMOVING & MOVING SIGNS (CONTINUED)

SIGN #	SIGN CODE	638.2102 MOVING SIGNS TYPE II (EACH)	638.2601 REMOVING SIGNS TYPE I (EACH)	638.2602 REMOVING SIGNS TYPE II (EACH)	638.3000 REMOVING SMALL SIGN SUPPORTS (EACH)	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS (EACH)	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77								
CATEGORY 1000								
SUBTOTAL		49	5	117	193	2		
15R-21	R3-2	–	–	–	–	–	15R-07/22	NO LEFT TURN SYMBOL
15R-22	R3-4	–	–	1	1	–	15R-07/21	NO U TURN SYMBOL
15R-23	J1-2	–	–	1	1	–	–	JUNCTION OR END ASSEMBLY
15R-26	D1-72	–	–	1	2	–	–	ADVANCED ENTRANCE DIRECTION SIGN
15R-27	R1-1	–	–	1	1	–	–	STOP SIGN
15R-28	R1-1	–	–	1	1	–	–	STOP SIGN
15R-29	W14-1	–	–	1	1	–	–	DEAD END
15R-30	R3-8	–	–	1	1	–	–	LEFT, AHEAD / RIGHT ONLY
16M-01	CUSTOM	1	–	–	–	–	–	PARKING REGULATIONS
16R-02	R3-55R	–	–	1	1	–	–	RIGHT TURN LANE W/DOWN LEFT ARROW
16M-04	CUSTOM	1	–	–	–	–	–	JAKE BRAKE MESSAGE
16R-05	W3-3	–	–	1	1	–	–	SIGNAL AHEAD
16R-07	R6-3	–	–	–	–	–	16R-06	DIVIDED HIGHWAY SIGN CROSSROAD
16R-08	W4-3R	–	–	1	1	–	–	MERGE-ADDED LANE FROM RIGHT
16R-09	R5-1A	–	–	1	1	–	16R-11	WRONG WAY
16R-10	J3-1	–	–	1	1	–	–	DIRECTIONAL ASSEMBLY
16R-11	J3-2	–	–	–	–	–	16R-09	DIRECTIONAL ASSEMBLY
16R-12	W1-8	–	–	1	1	–	–	CHEVRON
16R-13	CUSTOM	–	–	1	1	–	–	EMERGENCY MEDICAL DIRECTIONAL ASSEMBLY
16R-14	R5-1A	–	–	1	1	–	–	WRONG WAY
16R-15	W12-1D	–	–	1	1	–	–	DOUBLE DOWN ARROW
16R-16	R6-2L	–	–	1	–	–	–	ONE WAY LEFT ARROW
16R-17	R5-1	–	–	1	1	–	–	DO NOT ENTER
16R-18	R5-1	–	–	–	–	–	16R-21	DO NOT ENTER
16R-19	R6-3	–	–	1	1	–	–	DIVIDED HIGHWAY SIGN CROSSROAD
16R-20	R3-1	–	–	1	1	–	–	NO RIGHT TURN SYMBOL
16R-22	R4-7	–	–	–	–	–	16R-23	KEEP RIGHT
16R-24	R5-1A	–	–	1	1	–	–	WRONG WAY
16R-25	R2-1	–	–	1	1	–	–	SPEED LIMIT 40 MPH
16R-26	R5-1A	–	–	1	1	–	–	WRONG WAY
16R-27	D1-71	–	–	1	2	–	–	ENTRANCE DIRECTION SIGN (TWO ARROWS)
16R-29	R3-2	–	–	–	–	–	16R-28/38	NO LEFT TURN SYMBOL
16R-31	R1-2	–	–	1	1	–	–	YIELD
16R-32	W12-1D	–	–	1	1	–	–	DOUBLE DOWN ARROW
16R-33	R5-1	–	–	–	–	–	16R-30	DO NOT ENTER
16R-34	R5-57	–	–	1	1	–	–	PEDESTRIANS, ETC., PROHIBITED
16R-35	R7-64	–	–	1	1	–	–	NO PARKING ON RAMP
16R-36	W4-3R	–	–	1	1	–	–	MERGE-ADDED LANE FROM RIGHT
16R-37	R6-2L	–	–	1	–	–	–	ONE WAY LEFT ARROW
16R-38	R4-7	–	–	–	–	–	16R-28/29	KEEP RIGHT
16R-39	D1-70	–	–	1	2	–	–	ENTRANCE DIRECTION SIGN (ONE ARROW)
16R-40	R2-1	–	–	1	1	–	–	SPEED LIMIT 40 MPH
16R-41	J2-2	–	–	1	1	–	–	ROUTE TURN ASSEMBLY
16R-42	R5-1A	–	–	1	–	–	–	WRONG WAY
16R-43	D1-70	–	–	1	2	–	16R-44	ENTRANCE DIRECTION SIGN (ONE ARROW)
16R-44	J2-2	–	–	–	–	–	16R-43	ROUTE TURN ASSEMBLY
17R-02	R4-7	–	–	–	–	–	17R-01	KEEP RIGHT
17R-03	R4-7	–	–	1	–	–	–	KEEP RIGHT
17R-04	R6-2L	–	–	1	–	–	–	ONE WAY LEFT ARROW
17R-05	R5-57	–	–	1	1	–	–	PEDESTRIANS, ETC., PROHIBITED
17R-07	R5-1	–	–	–	–	–	17R-06	DO NOT ENTER
17R-08	R1-2	–	–	1	1	–	–	YIELD
17R-09	W12-1D	–	–	1	1	–	–	DOUBLE DOWN ARROW
17R-10	R5-1	–	–	–	–	–	17R-11/12	DO NOT ENTER
17R-12	R3-2	–	–	–	–	–	17R-10/11	NO LEFT TURN SYMBOL
17R-13	R5-1A	–	–	1	1	–	–	WRONG WAY
17R-14	R5-1A	–	–	1	1	–	–	WRONG WAY
17R-15	D1-71	–	–	1	2	–	–	ENTRANCE DIRECTION SIGN (TWO ARROWS)
17R-16	D1-72	–	–	1	2	–	–	ADVANCED ENTRANCE DIRECTION SIGN
SUBTOTAL		51	5	161	238	2		

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REMOVING & MOVING SIGNS (CONTINUED)

SIGN #	SIGN CODE	638.2102 MOVING SIGNS TYPE II (EACH)	638.2601 REMOVING SIGNS TYPE I (EACH)	638.2602 REMOVING SIGNS TYPE II (EACH)	638.3000 REMOVING SMALL SIGN SUPPORTS (EACH)	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS (EACH)	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77								
CATEGORY 1000								
SUBTOTAL		51	5	161	238	2		
17R-19	R3-1	–	–	–	–	–	17R-18/21	NO RIGHT TURN SYMBOL
17R-20	J3-2	–	–	1	1	–	17R-24	DIRECTIONAL ASSEMBLY
17R-21	R5-1	–	–	–	–	–	17R-18/19	DO NOT ENTER
17R-22	R5-1	–	–	1	1	–	–	DO NOT ENTER
17R-23	R6-2L	–	–	1	1	–	17R-29	ONE WAY LEFT ARROW
17R-24	R5-1A	–	–	–	–	–	17R-20	WRONG WAY
17R-25	R5-1A	–	–	1	1	–	17R-27	WRONG WAY
17R-26	R5-1	–	–	–	–	–	17R-28	DO NOT ENTER
17R-27	J3-1	–	–	–	–	–	17R-25	DIRECTIONAL ASSEMBLY
17R-29	R6-3	–	–	–	–	–	17R-23	DIVIDED HIGHWAY SIGN CROSSROAD
17R-30	W12-1D	–	–	1	1	–	–	DOUBLE DOWN ARROW
17R-31	R1-2	–	–	1	1	–	–	YIELD
17R-32	R3-5R	–	–	1	–	–	17R-33	LANE CONTROL SYMBOL W/ BLACK BORDER - RIGHT ARROW
17R-33	J3-1	–	–	–	–	–	17R-32	DIRECTIONAL ASSEMBLY
17R-34	CUSTOM	–	–	1	1	–	–	BURIED ELECTRIC LINES
18R-03	R4-7	–	–	1	–	–	18R-04	KEEP RIGHT
18R-04	R10-10A	–	–	–	–	–	18R-03	AHEAD SIGNAL
18R-05	R1-1	–	–	1	1	–	–	STOP SIGN
18R-06	R10-7	–	–	1	1	–	–	DO NOT BLOCK INTERSECTION
18R-07	R10-10L	–	–	1	–	–	–	LEFT TURN SIGNAL
18R-08	R10-10A	–	–	1	–	–	–	AHEAD SIGNAL
18R-09	R10-10L	–	–	1	–	–	–	LEFT TURN SIGNAL
18R-10	J1-2	–	–	1	1	–	–	JUNCTION OR END ASSEMBLY
18R-11	D9-13C	–	–	1	1	–	18R-24	EMERGENCY MEDICAL DIRECTIONAL ASSEMBLY
18R-12	W3-3	–	–	1	1	–	–	SIGNAL AHEAD
18R-13	W3-3	–	–	1	1	–	–	SIGNAL AHEAD
18R-14	D9-13C	–	–	1	1	–	–	EMERGENCY MEDICAL DIRECTIONAL ASSEMBLY
18R-15	R4-7	–	–	1	–	–	18R-16	KEEP RIGHT
18R-16	R10-11F	–	–	–	–	–	18R-15	NO TURN ON RED FROM LEFT LANE
18R-17	R10-10L	–	–	–	–	–	18R-01/02	LEFT TURN SIGNAL
18R-18	R6-3	–	–	1	–	–	–	DIVIDED HIGHWAY SIGN CROSSROAD
18R-19	R10-11F	–	–	1	–	–	–	NO TURN ON RED FROM LEFT LANE
18R-20	R10-10A	–	–	1	–	–	18R-21	AHEAD SIGNAL
18R-21	R4-7	–	–	–	–	–	18R-20	KEEP RIGHT
18R-22	J4-1	–	–	1	1	–	–	REASSURANCE ASSEMBLY
18R-23	R2-1	–	–	1	1	–	–	SPEED LIMIT 40 MPH
18R-24	R2-1	–	–	–	–	–	–	SPEED LIMIT 40 MPH
18R-26	R2-1	–	–	1	1	–	–	SPEED LIMIT 30 MPH
CATEGORY 1000 TOTALS		**51**	**5**	**187**	**255**	**2**		

REMOVING & MOVING SIGNS (CONTINUED)

SIGN #	SIGN CODE	638.2102 MOVING SIGNS TYPE II (EACH)	638.2601 REMOVING SIGNS TYPE I (EACH)	638.2602 REMOVING SIGNS TYPE II (EACH)	638.3000 REMOVING SMALL SIGN SUPPORTS (EACH)	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS (EACH)	SIGN MOUNTED ON SAME POST AS	REMARKS
1005-10-77								
CATEGORY 1800								
12R-01	I2-3A	–	–	1	2	–	–	CITY OF JANESVILLE
15R-24	M1-94	–	–	1	–	–	15R-08/25	CROSS ROAD NAME
15R-25	M1-94	–	–	–	–	–	15R-08/24	CROSS ROAD NAME
16R-03	CUSTOM	–	–	1	1	–	–	TRUCK ROUTE "CITY OF JANESVILLE"
16R-06	R1-1F	–	–	1	1	–	16R-07	STOP SIGN (FOLDING)
16R-21	R1-1F	–	–	1	–	–	16R-18	STOP SIGN (FOLDING)
16R-23	R1-1F	–	–	1	–	–	16R-22	STOP SIGN (FOLDING)
16R-28	R1-1F	–	–	1	–	–	16R-29/38	STOP SIGN (FOLDING)
16R-30	R1-1F	–	–	1	–	–	16R-33	STOP SIGN (FOLDING)
17R-01	R1-1F	–	–	1	–	–	17R-02	STOP SIGN (FOLDING)
17R-06	R1-1F	–	–	1	–	–	17R-07	STOP SIGN (FOLDING)
17R-11	R1-1F	–	–	1	1	–	17R-10/12	STOP SIGN (FOLDING)
17R-17	CUSTOM	–	–	1	1	–	–	BUS STOP
17R-18	R1-1F	–	–	1	–	–	17R-19/21	STOP SIGN (FOLDING)
17R-28	R1-1F	–	–	1	–	–	17R-26	STOP SIGN (FOLDING)
18R-01	M1-94	–	–	1	–	–	18R-02/17	CROSS ROAD NAME
18R-02	M1-94	–	–	–	–	–	18R-01/17	CROSS ROAD NAME
18R-25	R59-51	–	–	1	1	–	–	STOP FOR BUS FLASHING LIGHTS
CATEGORY 1800 TOTALS		**–**	**–**	**16**	**7**	**–**		
PROJECT 1005-10-77 TOTALS		**51**	**5**	**203**	**262**	**2**		

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Addendum No. 1
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Revised Sheet 1849
November 28, 2018

FIXED MESSAGE SIGNING

SIGN #	SIGN SIZE W (IN)	X	H (IN)	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE (SF)	SPV.0060.201 FIXED MESSAGE SIGN PORTABLE SUPPORT (EACH)
1005-10-77 CATEGORY 1000					
FM-E1	-	X	-	-	1
FM-E2	-	X	-	-	1
FM-E3	-	X	-	-	1
FM-01	102	X	100	61.50	-
FM-02				NOT USED	
FM-03	120	X	78	65.00	1
FM-04	126	X	72	57.75	1
FM-05	126	X	72	57.75	-
FM-06	132	X	42	38.50	1
FM-07	84	X	90	52.50	-
FM-08	96	X	78	50.50	-
FM-09				NOT USED	
FM-10	90	X	60	37.50	1
FM-11	72	X	36	18.00	1
FM-12	90	X	78	48.75	1
FM-13	84	X	72	42.00	1
FM-14	84	X	54	31.50	1
FM-15	84	X	54	31.50	3
FM-16	84	X	72	42.00	1
FM-17	114	X	96	76.00	3
FM-18	144	X	96	96.00	3
FM-19				NOT USED	
FM-20	108	X	102	73.50	2
FM-21	90	X	78	48.75	2
FM-22	90	X	60	37.50	1
FM-23	90	X	78	48.75	1
FM-24	72	X	30	15.00	2
FM-25	84	X	84	49.00	2
FM-26	84	X	78	45.50	2
FM-27	132	X	90	79.50	1
FM-28	72	X	36	18.00	1
FM-29	78	X	66	35.75	2
FM-30	120	X	54	45.00	-
FM-31	120	X	54	45.00	-
FM-32	120	X	54	45.00	-
FM-33	120	X	42	35.00	-
FM-34	120	X	42	35.00	-
FM-35	156	X	30	32.50	-
FM-36	156	X	30	32.50	-
FM-37	156	X	30	32.50	-
FM-38	156	X	30	32.50	-
FM-39	156	X	30	32.50	-
FM-40	108	X	106	79.50	-
FM-41	156	X	30	32.50	-
FM-42	144	X	96	96.00	-
FM-43	120	X	78	65.00	-
FM-44	126	X	90	78.75	-
FM-45	108	X	106	79.50	-
PROJECT 1005-10-77 TOTALS				**2,056.75**	**37**

TEMPORARY PEDESTRIAN ACCOMODATIONS

LOCATION	644.1410.S TEMPORARY PEDESTRIAN SURFACE ASPHALT (SF)	644.1420.S TEMPORARY PEDESTRIAN SURFACE PLYWOOD (SF)	644.1430.S TEMPORARY PEDESTRIAN SURFACE PLATE (SF)	644.1601.S TEMPORARY CURB RAMP (EACH)	644.1616.S TEMPORARY PEDESTRIAN SAFETY FENCE (LF)
1005-10-77 CATEGORY 1000					
STAGE 4, PHASE 2					
STH 26/MORSE ST	-	-	208	-	60
DEERFIELD DR	400	200	-	4	200
STAGE 4, PHASE 2 SUBTOTAL	400	200	208	4	260
STH 26 STAGE 4, PHASE 2A					
STH 26/MORSE ST	270	-	-	1	210
WEST FRONTAGE ROAD/KETTERING ST	-	-	-	2	805
STAGE 4, PHASE 2A SUBTOTAL	270	0	0	3	1,015
STH 26 STAGE 4, PHASE 4					
STH 26/MORSE ST	-	-	-	3	180
STAGE 4, PHASE 4 SUBTOTAL	0	0	0	3	180
STH 26 STAGE 4, PHASE 4C					
STH 26/MORSE ST	-	508	-	1	400
STAGE 4, PHASE 4C SUBTOTAL	0	508	0	1	400
UNDISTRIBUTED	330	292	42	4	145
1005-10-77 PROJECT TOTAL	**1,000**	**1,000**	**250**	**15**	**2,000**

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TRAFFIC CONTROL DEVICES

	# OF DAYS	643.0300 DRUMS (DAYS)	643.0410 BARRICADES TYPE II (DAYS)	643.0420 BARRICADES TYPE III (DAYS)	643.0500 FLEXIBLE TUBULAR MARKER POSTS (EACH)	643.0600 FLEXIBLE TUBULAR BASES (EACH)	643.0705 WARNING LIGHTS TYPE A (DAYS)	643.0715 WARNING LIGHTS TYPE C (DAYS)	643.0800 ARROW BOARDS (DAYS)	643.0900 SIGNS (DAYS)	643.0910 COVERING SIGNS TYPE I SIGNS	643.0910 COVERING SIGNS TYPE I CYCLES	643.0910 COVERING SIGNS TYPE I (EA)	643.0920 COVERING SIGNS TYPE II SIGNS	643.0920 COVERING SIGNS TYPE II CYCLES	643.0920 COVERING SIGNS TYPE II (EA)	SPV.0060.010 UNCOVERING SIGNS (EACH)	643.1050 SIGNS PCMS (DAYS)
1005-10-77																		
CATEGORY 1000																		
IH 39/90																		
STAGE 1	13	4,680	-	-	-	-	-	-	26	91	-	-	-	-	-	-	-	26
STAGE 2, PHASE 1	36	2,808	72	972	-	-	1,224	1,440	72	3,780	-	-	-	-	-	-	-	72
STAGE 2, PHASE 1A	39	2,691	78	1,053	-	-	1,326	1,560	78	3,627	-	-	-	-	-	-	-	78
STAGE 2, PHASE 1B	56	2,968	112	1,512	-	-	1,904	1,344	112	5,096	-	-	-	-	-	-	-	112
STAGE 2, PHASE 2	198	28,908	396	2,772	-	-	3,168	9,504	396	23,958	-	-	-	-	-	-	-	396
STAGE 2, PHASE 3	64	6,464	128	512	-	-	512	1,536	128	6,208	-	-	-	-	-	-	-	128
STAGE 2, PHASE 4	69	9,384	138	207	-	-	138	2,070	138	6,210	-	-	-	-	-	-	-	138
STAGE 3	47	2,538	94	141	-	-	94	1,128	94	4,653	2	1	2	-	-	-	-	94
STAGE 4, PHASE 1	25	2,900	50	750	-	-	1,000	1,250	50	3,025	1	1	1	-	-	-	-	50
STAGE 4, PHASE 2	21	2,520	42	609	-	-	798	1,344	42	2,730	-	-	-	-	-	-	-	42
STAGE 4, PHASE 2A	231	31,647	462	6,468	-	-	8,316	18,711	462	29,568	-	-	-	-	-	-	-	462
STAGE 4, PHASE 3	50	7,250	-	250	-	-	500	5,650	100	5,700	1	1	1	-	-	-	-	100
STAGE 4, PHASE 4	39	7,800	-	195	-	-	312	3,276	78	4,095	-	-	-	-	-	-	-	78
STAGE 5	43	13,029	-	-	-	-	-	-	86	2,666	-	-	-	-	-	-	1	86
STAGE 6	14	2,590	-	28	-	-	56	1,120	28	224	-	-	-	-	-	-	-	28
IH 39/90 SUBTOTAL		128,177	1,572	15,469	0	0	19,348	49,933	1,890	101,631	4	3	4	0	0	0	1	1,890
USH 14																		
USH 14 EB CLOSURE	5	385	-	65	-	-	100	120	15	40	-	-	-	-	-	-	-	10
USH 14 WB CLOSURE	5	465	-	70	-	-	110	125	20	40	-	-	-	-	-	-	-	10
STAGE 2, PHASE 1	5	625	-	65	-	-	100	115	10	155	-	-	-	4	2	8	-	10
STAGE 2, PHASE 2	198	14,256	-	4,158	-	-	5,148	-	396	5,544	-	-	-	-	-	-	-	396
STAGE 2, PHASE 3	83	5,644	-	913	-	-	1,162	-	166	4,482	-	-	-	-	-	-	-	166
STAGE 2, PHASE 4	67	4,020	-	737	-	-	938	-	134	2,345	-	-	-	-	-	-	-	134
STAGE 3	2	138	-	32	-	-	48	-	4	94	-	-	-	2	1	2	-	4
STAGE 4, PHASE 1	26	910	-	312	-	-	312	-	52	1,222	-	-	-	-	-	-	-	52
STAGE 4, PHASE 2	252	10,584	-	756	-	-	-	-	504	16,128	-	-	-	-	-	-	-	504
STAGE 4, PHASE 3	50	950	-	600	-	-	650	-	100	3,150	-	-	-	-	-	-	-	100
STAGE 4, PHASE 4	75	3,075	-	225	-	-	-	-	150	3,825	-	-	-	-	-	-	-	150
STAGE 5	208	-	-	-	-	-	-	-	416	1,664	-	-	-	-	-	-	-	416
USH 14 SUBTOTAL		41,052	0	7,933	0	0	8,568	360	1,967	38,689			0			10	0	1,952
STH 26																		
STH 26 NB CLOSURE	8	408	-	88	-	-	144	160	24	56	-	-	-	-	-	-	-	16
STH 26 SB CLOSURE	6	348	-	54	-	-	96	108	18	42	-	-	-	-	-	-	-	12
STAGE 2, PHASE 1	125	6,375	-	1,125	-	-	1,625	-	250	3,125	-	-	-	-	-	-	-	250
STAGE 2, PHASE 2	10	560	-	50	-	-	60	40	20	310	-	-	-	-	-	-	-	20
STAGE 2, PHASE 2A	188	9,212	-	940	-	-	1,128	752	376	7,144	-	-	-	-	-	-	-	376
STAGE 2, PHASE 3	133	10,906	-	1,463	-	-	1,729	532	266	5,453	-	-	-	-	-	-	-	266
STAGE 3	43	5,633	-	903	-	-	989	172	86	3,354	-	-	-	-	-	-	-	86
STAGE 4, PHASE 1	24	4,008	-	696	-	-	864	600	72	2,304	-	-	-	-	-	-	-	48
STAGE 4, PHASE 2	13	4,251	-	689	8	8	871	429	39	2,197	-	-	-	-	-	-	-	26
STAGE 4, PHASE 2A	207	84,042	-	20,700	84	84	24,840	16,767	414	44,091	-	-	-	-	-	-	-	414
STAGE 4, PHASE 2B	15	6,150	-	1,560	-	-	1,935	1,215	30	2,490	2	1	2	-	-	-	-	30
STAGE 4, PHASE 2C	17	1,683	-	306	-	-	357	-	34	527	-	-	-	-	-	-	-	34
STAGE 4, PHASE 3	16	4,688	-	1,952	83	83	2,480	464	32	2,736	-	-	-	-	-	-	-	32
STAGE 4, PHASE 4	17	3,978	-	833	43	43	986	1,258	34	2,873	-	-	-	-	-	-	-	34
STAGE 4, PHASE 4A	35	10,010	-	2,415	-	-	2,800	2,380	70	6,895	-	-	-	-	-	-	-	70
STAGE 4, PHASE 4B	14	1,022	-	406	-	-	462	154	28	336	-	-	-	-	-	-	-	28
STAGE 4, PHASE 4C	16	1,648	-	720	-	-	784	416	32	928	-	-	-	-	-	-	-	32
STAGE 5, PHASE 1	20	4,620	-	1,360	-	-	1,960	840	40	3,740	-	-	-	-	-	-	-	40
STAGE 5, PHASE 2	5	270	-	55	-	-	60	35	10	130	-	-	-	-	-	-	-	10
STH 26 SUBTOTAL		159,812	0	36,315	218	218	44,170	26,322	1,875	88,731			2			0	0	1,824
DETOURS																		
USH 14 NB ON-RAMP CLOSED - STAGE 2, PHASE 3-4	90	-	-	-	-	-	-	-	-	9,990	2	1	2	3	1	3	-	90
IH 39/90 NB OFF-RAMP CLOSED - STAGE 2, PHASE 1-2	4	200	-	16	-	-	24	-	-	412	4	1	4	-	-	-	-	-
USH 14 SB ON-RAMP CLOSED - STAGE 3	2	-	-	-	-	-	-	-	-	300	2	1	2	2	1	2	-	4
IH 39/90 SB OFF-RAMP CLOSED - STAGE 4, PHASE 1	7	-	-	-	-	-	-	-	-	343	1	1	1	-	-	-	-	7
STH 26 SB ON-RAMP CLOSED - STAGE 2, PHASE 1	125	-	-	-	-	-	-	-	-	25,250	5	1	5	-	-	-	-	125
IH 39/90 NB & SB ON-RAMPS CLOSED - STAGE 4, PHASE 2B	14	-	-	-	-	-	-	-	-	1,470	-	-	-	-	-	-	-	28
IH 39/90 NB & SB ON-RAMPS CLOSED - STAGE 4, PHASE 3	14	-	-	-	-	-	-	-	-	1,680	-	-	-	-	-	-	-	28
IH 39/90 NB OFF RAMP CLOSED - STAGE 2, PHASE 3	34	-	-	-	-	-	-	-	-	1,054	1	1	1	-	-	-	-	68
IH 39/90 NB OFF-RAMP CLOSED - STAGE 2, PHASE 4	56	2,800	-	224	-	-	336	-	-	1,848	1	1	1	-	-	-	-	112
IH 39/90 NB OFF-RAMP CLOSED - STAGE 4, PHASE 4	14	700	-	56	-	-	84	-	-	462	5	1	5	-	-	-	-	-
IH 39/90 SB OFF-RAMP LEFT TURN CLOSED - STAGE 4, PHASE 3	14	-	-	-	-	-	-	-	-	616	-	-	-	2	1	2	-	-
IH 39/90 SB ON-RAMP CLOSED - STAGE 4, PHASE 1-4	347	-	-	-	-	-	-	-	-	38,170	-	-	-	-	-	-	-	-
IH 39/90 SB OFF-RAMP TO STH 26 NB CLOSED - STAGE 4, PHASE 2B-3	45	-	-	-	-	-	-	-	-	2,295	2	1	2	-	-	-	-	-
IH 39/90 SB OFF-RAMP RIGHT TURN CLOSED - STAGE 4, PHASE 3	2	-	-	-	-	-	-	-	-	54	-	-	-	-	-	-	-	2
USH 14 EB CLOSED - STAGE 2, PHASE 1-4, STAGE 4, PHASE 1-4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60
USH 14 WB CLOSED - STAGE 2, PHASE 1-4, STAGE 4, PHASE 1-4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
STH 26 SB CLOSED - STAGE 2, PHASE 1-4, STAGE 4, PHASE 1-4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66
STH 26 NB CLOSED - STAGE 2, PHASE 1-2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
STH 26 NB CLOSED - STAGE 2, PHASE 3-4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42
IH 39/90 SB OFF-RAMP CLOSED - STAGE 4, PHASE 1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
DETOURS SUBTOTAL		3,700	-	296	-	-	444	-	-	83,944			23			7	-	752
UNDISTRIBUTED		23,259	128	4,187	82	82	5,070	5,385	468	21,905			21			3	0	782
1005-10-77 PROJECT TOTAL		**356,000**	**1,700**	**64,200**	**300**	**300**	**77,600**	**82,000**	**6,200**	**334,900**			**50**			**20**	**1**	**7,200**

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MARKING

LOCATION	STATION - STATION	646.1005 MARKING LINE PAINT 4-INCH (DASHED YELLOW) (LF)	*646.1020 MARKING LINE EPOXY 4-INCH (WHITE) (LF)	(YELLOW) (LF)	(DASHED YELLOW) (LF)	(DASHED WHITE) (LF)	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE) (LF)	(YELLOW) (LF)	646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (DASHED WHITE) (LF)	*646.3020 MARKING LINE EPOXY 8-INCH (DASHED WHITE) (LF)	(WHITE) (LF)	646.3555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH (DASHED WHITE) (LF)	(WHITE) (LF)	646.6464 COLD WEATHER MARKING EPOXY 4-INCH (LF)	646.6468 8-INCH (LF)	646.8220 MARKING ISLAND NOSE EPOXY (EA)
1005-10-77																
CATEGORY 1000																
IH 39/90																
BEGIN PROJECT - PALMER DRIVE	738+17 - 779+64	–	–	–	–	–	8,270	8,294	4,146	–	–	486	2,457	8,282	–	–
PALMER DRIVE - SPRINGBROOK TRAIL	779+64 - 800+04	–	–	–	–	–	4,081	4,080	2,040	–	–	–	–	4,081	–	–
SPRINGBROOK TRAIL - RUGER AVENUE	800+04 - 806+72	–	–	–	–	–	1,336	1,336	670	–	–	–	–	1,336	–	–
RUGER AVENUE - MILWAUKEE STREET	806+72 - 849+91	–	–	–	–	–	8,640	8,638	4,320	–	–	–	–	8,639	–	–
MILWAUKEE STREET - MOUNT ZION AVENUE	849+91 - 862+62	–	–	–	–	–	2,545	2,543	1,520	–	–	–	–	2,544	–	–
MOUNT ZION AVENUE - USH 14	862+62 - 923+00	–	–	–	–	–	16,425	16,859	8,996	–	–	924	3,443	16,642	–	–
USH 14 - RYAN ROAD	923+00 - 953+00	–	–	–	–	–	10,882	11,962	4,497	–	–	712	–	11,422	–	–
RYAN ROAD - STH 26	953+00 - 964+00	–	–	–	–	–	3,815	4,400	1,657	–	–	–	–	4,108	–	–
STH 26 - WSOR	964+00 - 983+00	–	–	–	–	–	6,757	7,641	2,500	–	–	335	–	7,199	–	–
WSOR - KENNEDY ROAD	983+00 - 1015+50	–	–	–	–	–	7,712	7,714	3,880	–	–	151	3,154	7,716	–	–
KENNEDY ROAD - TOWNLINE ROAD	1015+50 - 1100+00	–	–	–	–	–	14,790	15,040	7,458	–	–	–	–	14,915	–	–
TOWNLINE ROAD - END PROJECT	1100+00 - 1172+15	–	–	–	–	–	–	7,236	1,809	–	–	–	–	3,618	–	–
IH 39/90 SUBTOTAL		–	–	–	–	–	85,253	95,743	43,492	–	–	2608	9054	90498	–	–
NB IH 39/90 OFF RAMP AT USH 14 (HB RAMP)																
	906+80'HB' - 921+00'HB'	–	985	975	–	81	435	–	–	–	276	–	818	–	–	1
NB IH 39/90 OFF RAMP (HB RAMP) SUBTOTAL		–	985	975	–	81	435	–	–	–	276	–	818	–	–	1
SB IH 39/90 ON RAMP AT USH 14 (HC RAMP)																
	913+00'HC' - 925+45'HC'	–	964	992	–	–	225	–	–	–	33	–	598	–	–	1
SB IH 39/90 ON RAMP (HC RAMP) SUBTOTAL		–	964	992	–	–	225	–	–	–	33	–	598	–	–	1
NB IH 39/90 ON RAMP AT USH 14 (HA RAMP)																
	919+78'HA' - 935+52'HA'	–	1341	1169	–	–	361	–	–	–	234	–	726	–	–	1
NB IH 39/90 ON RAMP (HA RAMP) SUBTOTAL		–	1341	1169	–	–	361	–	–	–	234	–	726	–	–	1
SB IH 39/90 OFF RAMP AT USH 14 (HD RAMP)																
	925+66'HD' - 938+48'HD'	–	840	854	–	81	390	–	–	–	266	–	783	–	–	1
SB IH 39/90 OFF RAMP (HD RAMP) SUBTOTAL		–	840	854	–	81	390	–	–	–	266	–	783	–	–	1
NB IH 39/90 OFF RAMP AT STH 26 (CB RAMP)																
	952+99'CB' - 966+91'CB'	–	1,026	856	–	–	284	–	–	34	–	–	574	–	–	–
	963+48'CBA' - 966+38'CBA'	–	100	277	–	–	–	–	–	–	–	–	307	–	–	–
NB IH 39/90 OFF RAMP (CB RAMP) SUBTOTAL		–	1,126	1,133	–	–	285	–	–	34	–	–	881	–	–	–
SB IH 39/90 ON RAMP AT STH 26 (CC RAMP)																
	949+50'CC' - 963+53'CC'	–	783	682	–	39	625	–	–	–	–	–	901	–	–	–
	959+96'CCA' - 964+13'CCA'	–	118	385	–	–	–	–	–	–	–	–	233	–	–	–
SB IH 39/90 ON RAMP (CC RAMP) SUBTOTAL		–	901	1,067	–	39	625	–	–	–	–	–	1134	–	–	–
NB IH 39/90 ON RAMP AT STH 26 (CA RAMP)																
	963+50'CA' - 975+72'CA'	–	671	585	–	42	365	–	–	–	–	–	854	–	–	–
	964+55'CAA' - 968+28'CAA'	–	130	294	–	–	–	–	–	–	–	–	129	–	–	–
NB IH 39/90 ON RAMP (CA RAMP) SUBTOTAL		–	801	879	–	42	365	–	–	–	–	–	983	–	–	–
SB IH 39/90 OFF RAMP AT STH 26 (CD RAMP)																
	961+83'CD' - 978+72'CD'	–	1,202	1,060	–	–	520	–	–	81	–	–	1009	–	–	–
	962+20'CDA' - 965+28'CD'	–	114	264	–	–	–	–	–	–	–	–	136	–	–	–
SB IH 39/90 OFF RAMP (CD RAMP) SUBTOTAL		–	1,316	1,324	–	–	520	–	–	81	–	–	1145	–	–	–
SUBTOTAL		–	8,274	8,393	–	243	88,459	95,743	43,492	115	809	2,608	16,122	90,498	–	4

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MARKING (CONTINUED)

LOCATION	STATION - STATION	646.1005 MARKING LINE PAINT 4-INCH (DASHED YELLOW) (LF)	*646.1020 MARKING LINE EPOXY 4-INCH (WHITE) (LF)	(YELLOW) (LF)	(DASHED YELLOW) (LF)	(DASHED WHITE) (LF)	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE) (LF)	(YELLOW) (LF)	646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH (DASHED WHITE) (LF)	*646.3020 MARKING LINE EPOXY 8-INCH (DASHED WHITE) (LF)	(WHITE) (LF)	646.3555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE 8-INCH (DASHED WHITE) (LF)	(WHITE) (LF)	646.6464 COLD WEATHER MARKING EPOXY 4-INCH (LF)	646.6468 8-INCH (LF)	646.8220 MARKING ISLAND NOSE EPOXY (EA)
1005-10-77 CATEGORY 1000																
SUBTOTAL		–	8274	8393	–	243	88459	95743	43492	115	809	2608	16122	90498	–	4
STH 26																
BEGIN PROJECT - MORSE ST	90+00'CE' - 100+00'CE'	–	–	–	32	910	–	–	–	–	1044	–	–	471	52	2
MORSE ST - IH 39/90	100+00'CE' - 115+00'CE'	341	3080	–	–	1364	–	–	–	49	1830	–	–	2222	94	3
IH 39/90 - KETTERING ST	115+00'CE' - 129+00'CE'	335	3011	–	–	1352	–	–	–	92	1766	–	–	2182	93	3
KETTERING ST - END PROJECT	129+00'CE' - 144+58'CE'	331	2395	–	30	1189	–	–	–	31	670	–	–	1807	35	1
MORSE STREET	–	–	–	96	–	–	–	–	–	–	86	–	–	48	4	–
KETTERING ST	60+00'KT' - 66+00'KT'	–	72	–	–	112	–	–	–	–	399	–	–	92	20	2
WEST FRONTAGE ROAD	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SHARED USE PATH	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
STH 26 SUBTOTAL		1,007	8,558	96	62	4,927	–	–	–	172	5,795	–	–	6,821	298	11
KENNEDY ROAD																
	208+15'KY' - 228+32'KY'	–	4,020	4,105	–	–	–	–	–	–	–	–	–	–	–	–
KENNEDY ROAD SUBTOTAL		–	4,020	4,105	–	–	–	–	–	–	–	–	–	–	–	–
RYAN ROAD																
	13+00'RY' - 20+00'RY'	–	1,840	1,920	–	18	–	–	–	20	667	–	–	–	–	–
RYAN ROAD SUBTOTAL		–	1,840	1,920	–	18	–	–	–	20	667	–	–	–	–	–
DEERFIELD DRIVE																
	47+00'DDS' - 53+00'DDS'	–	–	–	–	104	–	–	–	–	814	–	–	–	–	–
DEERFIELD DRIVE SUBTOTAL		–	–	–	–	104	–	–	–	–	814	–	–	–	–	–
WALMART DRIVEWAY																
		–	–	290	–	–	–	–	–	–	152	–	–	–	–	–
WALMART DRIVEWAY SUBTOTAL		–	–	290	–	–	–	–	–	–	152	–	–	–	–	–
UNDISTRIBUTED		193	3,580	3,275	40	405	61	37	58	61	520	10	10	2,681	2,447	–
PROJECT SUBTOTALS		1,200	26,272	18,079	102	5,697	88,520	95,780	43,550	368	8,757	2,618	16,132	100,000	2,745	15
PROJECT 1005-10-77 TOTALS		**1,200**			**50,150**			**184,300**	**43,550**	**9,125**		**18,750**		**100,000**	**2,745**	**15**

*ADDITIONAL QUANTITY FOUND IN "TEMPORARY PAVEMENT MARKING ITEMS" TABLE

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TEMPORARY PAVEMENT MARKING ITEMS

STAGE	646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH (LF)	646.9110 8-INCH (LF)	646.9210 WIDE (LF)	646.9310 MARKING REMOVAL SPECIAL MARKING WATER BLASTING (EACH)	*646.1020 MARKING LINE EPOXY 4-INCH YELLOW (LF)	WHITE (LF)	*646.3020 MARKING LINE EPOXY 8-INCH WHITE (LF)	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH YELLOW (LF)	WHITE (LF)	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH YELLOW (LF)	WHITE (LF)	649.0550 TEMPORARY MARKING ARROW REMOVABLE TAPE (EACH)	649.0505 PAINT (EACH)	649.0520 EPOXY (EACH)	649.0650 TEMPORARY MARKING WORDS REMOVABLE TAPE (EACH)	649.0605 PAINT (EACH)	649.0620 EPOXY (EACH)	649.0760 TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I (EACH)	649.0805 TEMPORARY MARKING STOP LINE 18-INCH PAINT (LF)	649.0820 EPOXY (LF)	649.0850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (LF)	649.0120 TEMPORARY MARKING LINE EPOXY 4-INCH YELLOW (LF)	WHITE (LF)	649.0250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE (LF)	649.0205 PAINT 8-INCH WHITE (LF)	649.0220 EPOXY 8-INCH WHITE (LF)
1005-10-77																										
CATEGORY 1000																										
IH 39/90																										
STAGE 2, PHASE 1	34,967	3,152	544	-	33,534	47,183	2,608	-	-	-	-	-	-	-	-	-	-	207	-	-	-	2,908	6,300	-	-	-
STAGE 2, PHASE 1B	3,225	-	-	-	1,000	2,000	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-
STAGE 2, PHASE 2	5,114	750	-	7	1,818	3,367	295	-	-	-	-	-	-	4	-	-	3	27	-	34	-	2,491	3,602	-	-	-
STAGE 2, PHASE 3	350	339	34	1	1,211	1,417	-	-	-	-	-	-	-	6	-	-	3	-	-	90	-	349	522	-	-	365
STAGE 2, PHASE 4	1,009	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	3,971	4,597	-	-	200
STAGE 3	13,657	200	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	247	-	38	-	23,200	32,921	-	-	1,375
STAGE 4, PHASE 1	7,415	253	39	7	1,321	1,651	-	-	-	-	-	-	-	2	-	-	-	281	-	34	-	27,101	37,146	-	-	1,074
STAGE 4, PHASE 2	3,060	731	33	8	-	-	-	-	339	-	-	-	-	6	-	-	2	13	-	61	-	2,917	6,477	-	-	1,372
STAGE 4, PHASE 2A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	1,583	3,168	-	-	-
STAGE 4, PHASE 3	1,416	384	-	-	-	-	-	336	-	-	-	-	-	-	-	-	-	16	-	-	-	4,993	6,950	-	-	275
STAGE 4, PHASE 4	5,622	1,016	-	-	-	-	-	-	1,205	-	-	-	-	-	-	-	-	-	-	-	-	2,480	6,763	-	-	447
STAGE 5	141,979	5,420	-	6	-	-	-	12,052	15,792	-	-	-	-	-	-	-	-	23	-	-	-	-	-	1,017	-	-
STAGE 6	-	-	-	-	-	-	-	17,894	23,809	-	-	-	-	-	-	-	-	-	-	-	-	-	-	700	-	-
IH 39/90 SUBTOTAL	217,814	12,245	708	34	38,884	55,618	2,903	30,282	41,145	0	0	0	0	18	0	0	8	871	0	257	0	71,993	108,446	1,717	0	5,108
STH 26																										
STAGE 2, PHASE 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STAGE 2, PHASE 2	800	-	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	1037	1,242	-	-	113
STAGE 2, PHASE 2A	479	472	-	4	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	701	481	-	-	380
STAGE 2, PHASE 3	115	-	55	3	-	-	-	-	263	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STAGE 3	1,615	408	60	2	-	-	-	-	-	-	-	-	-	10	-	-	4	-	-	105	-	2023	2,315	-	-	630
STAGE 4, PHASE 1	1319	835	15	8	-	-	-	407	763	-	-	-	-	-	-	-	-	-	-	-	-	507	372	-	-	-
STAGE 4, PHASE 2	861	-	52	1	-	-	-	-	-	1062	903	-	4	2	-	1	-	-	-	90	-	475	953	-	195	206
STAGE 4, PHASE 2A	9753	1170	398	31	-	-	-	-	-	8749	12185	-	18	-	-	1	-	-	368	-	-	-	-	-	1404	-
STAGE 4, PHASE 2B	830	-	55	3	-	-	-	1204	1124	-	-	4	-	-	2	-	-	-	65	-	-	-	-	-	-	-
STAGE 4, PHASE 2C	589	-	-	-	-	-	-	714	349	-	-	9	-	-	3	-	-	-	22	-	-	-	-	362	-	-
STAGE 4, PHASE 3	1821	210	35	-	-	-	-	4724	4959	-	-	21	-	-	2	-	-	-	-	-	225	-	-	1461	-	-
STAGE 4, PHASE 4	3996	641	201	6	-	-	-	4103	7391	-	-	13	-	-	5	-	-	-	-	-	220	-	-	1156	-	-
STAGE 4, PHASE 4A	-	-	-	-	-	-	-	284	1116	-	-	4	-	-	-	-	-	-	-	-	52	-	-	-	-	-
STAGE 4, PHASE 4B	-	-	-	-	-	-	-	996	-	-	-	5	-	-	-	-	-	-	-	-	11	-	-	-	-	-
STAGE 4, PHASE 4C	-	-	-	-	-	-	-	387	711	-	-	6	-	-	-	-	-	-	-	-	22	-	-	268	-	-
STAGE 5, PHASE 1	-	-	-	-	-	-	-	4514	240	-	-	9	-	-	5	-	-	-	-	-	22	-	-	1862	-	-
STAGE 5, PHASE 2	-	-	-	-	-	-	-	440	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	300	-	-
STH 26 SUBTOTAL	22,176	3,736	871	62	0	0	0	17,773	16,916	9,811	13,088	73	22	13	17	2	5	0	455	219	552	4,743	5,362	5,409	1,599	1,329
UNDISTRIBUTED	910	169	71	14	816	1,182	197	945	1,139	469	632	7	3	4	3	0	1	354	20	44	28	1,064	1,092	174	51	213
PROECT SUBTOTALS	240,900	16,150	1,650	110	39,700	56,800	3,100	49,000	59,200	10,280	13,720	80	25	35	20	2	14	1,225	475	520	580	77,800	114,900	7,300	1,650	6,650
1005-10-77 PROJECT TOTAL	**240,900**	**16,150**	**1,650**	**110**	**96,500**		**3,100**	**108,200**		**24,000**		**80**	**25**	**35**	**20**	**2**	**14**	**1,225**	**475**	**520**	**580**	**192,700**		**7,300**	**1,650**	**6,650**

* ADDITIONAL QUANTITY FOUND IN "PAVEMENT MARKING" TABLE

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SAWING

LOCATION	STATION - STATION	690.0150* ASPHALT (LF)	690.0250* CONCRETE (LF)
1005-10-77			
CATEGORY 1000			
STAGE 1			
USH 14 - RYAN ROAD	923+00 - 953+00	619	-
RYAN ROAD - STH 26	953+00 - 964+00	37	
STH 26 - WSOR	964+00 - 983+00	142	-
WSOR - KENNEDY ROAD	983+00 - 1015+50	178	-
KENNEDY ROAD - END PROJECT	1015+50 - 1032+00	165	-
STAGE 1 SUBTOTAL		1,141	-
STAGE 2, PHASE 1			
BEGIN PROJECT - USH 14	880+00 - 923+00	505	65
STH 26 - WSOR	964+00 - 983+00	29	37
WSOR - KENNEDY ROAD	983+00 - 1015+50	1,065	73
KENNEDY ROAD - END PROJECT	1015+50 - 1032+00	3	36
USH 14 EB	246+62'HEA' - 253+79'HEA'	5	642
USH 14 WB	246+62'HWA' - 253+79'HWA'	16	651
USH 14 NB ON-RAMP	920+00'HA' - 934+00'HA'	-	56
BRENTWOOD DRIVE	10+00'BR' - 14+00'BR'	70	-
TEMP USH 14 NB OFF-RAMP	902+50'THB' - 920+25'THB'	305	72
STAGE 2, PHASE 1 SUBTOTAL		1,998	1,632
STAGE 2, PHASE 2			
BEGIN PROJECT - USH 14	880+00 - 923+00	3	37
USH 14 EB	246+62'HEA' - 253+79'HEA'	-	190
USH 14 WB	246+62'HWA' - 253+79'HWA'	-	190
USH 14 NB OFF-RAMP	907+00'HB' - 921+00'HB'	35	248
DEERFIELD DRIVE NB	46+00'DDN' - 54+00'DDN	-	10
STAGE 2, PHASE 2 SUBTOTAL		38	675
STAGE 2, PHASE 3			
BEGIN PROJECT - USH 14	880+00 - 923+00	39	515
USH 14 NB OFF-RAMP	907+00'HB' - 921+00'HB'	16	23
STAGE 2, PHASE 3 SUBTOTAL		55	538
STAGE 2, PHASE 4			
BEGIN PROJECT - USH 14	880+00 - 923+00	386	-
USH 14 - RYAN ROAD	923+00 - 953+00	216	46
RYAN ROAD - STH 26	953+00 - 964+00	23	155
KENNEDY ROAD - END PROJECT	1015+50 - 1032+00	3	37
USH 14 EB	246+62'HEA' - 253+79'HEA'	165	-
USH 14 NB ON-RAMP	920+00'HA' - 934+00'HA'	260	-
USH 14 NB OFF-RAMP	907+00'HB' - 921+00'HB'	154	-
STAGE 2, PHASE 4 SUBTOTAL		1,207	238
STAGE 3			
BEGIN PROJECT - USH 14	880+00 - 923+00	1,028	1,024
WSOR - KENNEDY ROAD	983+00 - 1015+50	2,207	-
KENNEDY ROAD - END PROJECT	1015+50 - 1032+00	585	205
USH 14 EB	246+62'HEA' - 253+79'HEA'	240	187
USH 14 WB	246+62'HWA' - 253+79'HWA'	37	152
SUBTOTAL		4,097	1,568
STAGE 4, PHASE 1			
USH 14 - RYAN ROAD	923+00 - 953+00	463	462
STH 26 - WSOR	964+00 - 983+00	242	27
USH 14 WB	246+62'HWA' - 253+79'HWA'	142	-
USH 14 SB OFF-RAMP	926+00'HD' - 938+00'HD'	434	82
TEMP STH 26 SB OFF-RAMP	965+75'TCD' - 977+50'TCD'	-	208
STAGE 4, PHASE 1 SUBTOTAL		1,281	779
STAGE 4, PHASE 2			
USH 14 - RYAN ROAD	923+00 - 953+00	50	47
RYAN ROAD - STH 26	953+00 - 964+00	57	52
WSOR - KENNEDY ROAD	983+00 - 1015+50	504	584
STH 26 SB OFF-RAMP	962+00'CD' - 977+00'CD'	10	38
KENNEDY ROAD	208+00'KY' - 229+00'KY'	53	-
RYAN ROAD	10+00'RY' - 20+00'RY'	130	28
DEERFIELD DRIVE NB	46+00'DDN' - 54+00'DDN	1,202	55
STAGE 4, PHASE 2 SUBTOTAL		2,006	804

SAWING (CONTINUED)

LOCATION	STATION - STATION	690.0150* ASPHALT (LF)	690.0250* CONCRETE (LF)
1005-10-77			
CATEGORY 1000			
STAGE 4, PHASE 3			
BEGIN PROJECT - USH 14	880+00 - 923+00	50	512
RYAN ROAD - STH 26	953+00 - 964+00	148	-
STH 26 - WSOR	964+00 - 983+00	216	-
USH 14 SB OFF-RAMP	926+00'HD' - 938+00'HD'	192	79
TEMP STH 26 SB OFF-RAMP	965+75'TCD' - 977+50'TCD'	230	-
STAGE 4, PHASE 3 SUBTOTAL		836	591
STAGE 4, PHASE 4			
BEGIN PROJECT - USH 14	880+00 - 923+00	490	775
USH 14 - RYAN ROAD	923+00 - 953+00	367	-
KENNEDY ROAD - END PROJECT	1015+50 - 1032+00	17	22
USH 14 EB	246+62'HEA' - 253+79'HEA'	193	-
USH 14 WB	246+62'HWA' - 253+79'HWA'	317	-
USH 14 SB ON-RAMP	913+00'HC' - 925+00'HC'	146	-
STAGE 4, PHASE 4 SUBTOTAL		1,530	797
STAGE 5			
WSOR - KENNEDY ROAD	983+00 - 1015+50	376	-
KENNEDY ROAD - END PROJECT		-	2,195
STAGE 5 SUBTOTAL		376	2,195
STH 26 STAGE 2, PHASE 1			
STH 26 SB	96+00'CW' - 144+00'CW'	196	-
STH 26 WEST FRONTAGE ROAD	80+00'WFR' - 83+00'WFR'	38	11
STH 26 STAGE 2, PHASE 1 SUBTOTAL		234	11
STH 26 STAGE 2, PHASE 2			
STH 26 SB	96+00'CW' - 144+00'CW'	5	197
STH 26 STAGE 2, PHASE 2 SUBTOTAL		5	197
STH 26 STAGE 2, PHASE 3			
STH 26 NB	96+00'CE' - 144+00'CE'	287	434
STH 26 SB	96+00'CW' - 144+00'CW'	42	6
STH 26 STAGE 2, PHASE 3 SUBTOTAL		329	440
STH 26 STAGE 4, PHASE 1			
STH 26 NB	96+00'CE' - 144+00'CE'	14	646
STH 26 SB	96+00'CW' - 144+00'CW'	103	512
STH 26 STAGE 4, PHASE 1 SUBTOTAL		117	1,158
STH 26 STAGE 4, PHASE 2			
STH 26 NB	96+00'CE' - 144+00'CE'	-	1,631
STH 26 SB	96+00'CW' - 144+00'CW'	263	822
KETTERING STREET	60+00 'KT' - 66+00 'KT'	10	370
STH 26 STAGE 4, PHASE 2 SUBTOTAL		273	2,823
STH 26 STAGE 4, PHASE 2A			
STH 26 NB	96+00'CE' - 144+00'CE'	43	225
STH 26 SB	96+00'CW' - 144+00'CW'	355	753
KETTERING STREET	60+00 'KT' - 66+00 'KT'	234	14
STH 26 WEST FRONTAGE ROAD	80+00'WFR' - 83+00'WFR'	59	13
STH 26 STAGE 4, PHASE 2A SUBTOTAL		691	1,005
STH 26 STAGE 4, PHASE 2B			
STH 26 SB	96+00'CW' - 144+00'CW'	54	96
KETTERING STREET	60+00 'KT' - 66+00 'KT'	162	172
STH 26 STAGE 4, PHASE 2B SUBTOTAL		216	268
STH 26 STAGE 4, PHASE 2C			
KETTERING STREET	60+00 'KT' - 66+00 'KT'	43	63
STH 26 STAGE 4, PHASE 2C SUBTOTAL		43	63
STH 26 STAGE 4, PHASE 3			
STH 26 SB ON-RAMP	954+00'CC' - 963+00'CC'	-	16
STH 26 NB	96+00'CE' - 144+00'CE'	70	295
STH 26 STAGE 4, PHASE 3 SUBTOTAL		70	311

SAWING (CONTINUED)

LOCATION	STATION - STATION	690.0150* ASPHALT (LF)	690.0250* CONCRETE (LF)
1005-10-77			
CATEGORY 1000			
STH 26 STAGE 4, PHASE 4			
RAMP CBA	963+48'CBA' - 966+38'CBA'	393	-
STH 26 NB OFF-RAMP	954+00'CB' - 966+00'CB'	23	-
STH 26 NB	96+00'CE' - 144+00'CE'	263	14
STH 26 SB	96+00'CW' - 144+00'CW'	57	26
KETTERING STREET	60+00 'KT' - 66+00 'KT'	148	98
STH 26 STAGE 4, PHASE 4 SUBTOTAL		884	138
STH 26 STAGE 4, PHASE 4A			
STH 26 NB	96+00'CE' - 144+00'CE'	11	180
STH 26 SB	96+00'CW' - 144+00'CW'	21	-
KETTERING STREET	60+00 'KT' - 66+00 'KT'	150	118
STH 26 STAGE 4, PHASE 4A SUBTOTAL		182	298
STH 26 STAGE 4, PHASE 4B			
KETTERING STREET	60+00 'KT' - 66+00 'KT'	175	118
STH 26 STAGE 4, PHASE 4B SUBTOTAL		175	118
STH 26 STAGE 4, PHASE 4C			
STH 26 NB	96+00'CE' - 144+00'CE'	66	353
KETTERING STREET	60+00 'KT' - 66+00 'KT'	77	3
STH 26 EAST FRONTAGE ROAD	40+00'EFR' - 41+70'EFR'	21	5
STH 26 STAGE 4, PHASE 4C SUBTOTAL		164	361
STH 26 STAGE 5, PHASE 1			
STH 26 NB ON-RAMP	965+00 'CAA' - 967+00 'CAA'	5	-
STH 26 SB OFF-RAMP	962+00'CD' - 977+00'CD'	27	-
STH 26 WEST FRONTAGE ROAD	80+00'WFR' - 83+00'WFR'	21	5
RYAN ROAD CUL-DE-SAC	20+00 - 21+96 'RYM'	26	5
STH 26 STAGE 5, PHASE 1 SUBTOTAL		79	10
STH 26 STAGE 5, PHASE 2			
KETTERING STREET	60+00 'KT' - 66+00 'KT'	698	-
STH 26 STAGE 5, PHASE 2 SUBTOTAL		698	-
PROJECT 1005-10-77 TOTAL		**18,725**	**17,017**

*ADDITIONAL QUANTITY FOUND IN "SAWING PAVEMENT" TABLE IN 1005-10-83 PROJECT

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REMOVE AND SALVAGE BUS SHELTER

	LOCATION	STATION	SPV.0060.011 REMOVE AND SALVAGE BUS SHELTER (EACH)
1005-10-77 CATEGORY 1800			
STH 26 STAGE 4, PHASE 2A			
	STH 26	127+65'CW', LT.	1
	STH 26 STAGE 4, PHASE 2A SUBTOTAL		1
	1005-10-77 PROJECT TOTAL		**1**

CONCRETE BARRIER TEMPORARY PRECAST LEFT IN PLACE

STAGE	LOCATION	STATION - STATION	** CONCRETE BARRIER TEMPORARY PRECAST ANCHORING/ PINNING (LF)	SPV.0090.206 CONCRETE BARRIER TEMPORARY PRECAST LEFT IN PLACE (LF)
1005-10-77 CATEGORY 1800				
STAGE 5	USH 14	248+00'HEA' - 253+00'HEA'	100	550
	TOTAL		-	**550**

** NON BID ITEM. FOR INFORMATIONAL PURPOSES ONLY

REMOVING BILLBOARD SIGN AND SIGN STRUCTURE

	LOCATION	STATION	OFFSET	SPV.0060.012 (EACH)
1005-10-77 CATEGORY 1000				
STAGE 2, PHASE 1				
	USH 14 - RYAN ROAD	936+15	RT	1
				1
STAGE 2, PHASE 4				
	WSOR - KENNEDY ROAD	1009+11	RT	1
	STAGE 2, PHASE 4 SUBTOTAL			1
STAGE 4, PHASE 4				
	WSOR - KENNEDY ROAD	999+86'SB'	LT	1
	STAGE 4, PHASE 4 SUBTOTAL			1
	1005-10-77 PROJECT TOTAL			**3**

STREET SWEEPING

	LOCATION	STATION - STATION	SPV.0075.001 STREET SWEEPING (HR)
1005-10-77 CATEGORY 1000			
STAGE 2, PHASE 4			
	IH 39/90	878+00 - 1025+00	10
STAGE 3			
	IH 39/90	878+00 - 1025+00	10
STAGE 4, PHASE 4			
	IH 39/90	879+10'SB' - 1032+00'SB'	10
STAGE 5			
	IH 39/90	879+10'SB' - 1032+00'SB'	10
STH 26 STAGE 4, PHASE 2A			
	STH 26	95+75'CW' - 142+13'CW'	10
STH 26 STAGE 4, PHASE 4A			
	STH 26	95+74'CE' - 144+13'CE'	10
STH 26 STAGE 5			
	STH 26	95+74'CE' - 144+13'CE'	10
	UNDISTRIBUTED		230
	1005-10-77 PROJECT TOTAL		**300**

WALL MODULAR BLOCK GRAVITY LANDSCAPE

	LOCATION	SPV.0165.867 WALL MODULAR BLOCK GRAVITY LANDSCAPE STH 26 (SF)	SPV.0165.868 WALL MODULAR BLOCK GRAVITY LANDSCAPE RYAN ROAD (SF)
1005-10-77 CATEGORY 1000			
STAGE 4, PHASE 2			
	RYAN ROAD	-	530
	STAGE 4, PHASE 2 SUBTOTAL	0	530
STH 26 STAGE 4, PHASE 1			
	STH 26	350	-
	STH 26 STAGE 4, PHASE 1 SUBTOTAL	350	0
	PROJECT 1005-10-77 TOTAL	**350**	**530**

COVER PLATES PERMANENT

	LOCATION	STRUCTURE NUMBER	STATION	OFFSET	SPV.0060.003 COVER PLATES PERMANENT (EACH)
1005-10-77 CATEGORY 1000					
STAGE 2, PHASE 4					
	IH 39/90	-	935+63	23.8' LT	1
	IH 39/90	-	935+76	24.4' LT	1
	STAGE 2, PHASE 4 SUBTOTAL				2
	PROJECT 1005-10-77 TOTAL				**2**

SHADE TREES

SITE NO.	LOCATION	632.0101.001 MAPLE, SUGAR, B&B, 2 1/2-INCH CAL. EACH	632.0101.002 OAK, BUR, B&B, 2-INCH CAL. EACH	632.0101.003 OAK, RED, B&B, 2-INCH CAL. EACH	632.0101.005 * HACKBERRY, WINDY CITY B&B, 2 1/2-INCH CAL. EACH	632.0101.007 * MAPLE, FREEMAN MARMO, B&B, 2-1/2 INCH CAL. EACH	632.0101.008 OAK, NORTHERN PIN, B&B, 2-INCH CAL. EACH	632.0101.009 * PLANETREE, EXCLAMATION, B&B, 2-1/2 INCH CAL. EACH	632.0101.010 * COFFEETREE, ESPRESSO, B&B, 2-1/2 INCH CAL. EACH
E4	RACINE		19			15		17	24
E3	USH 14	31	13					33	7
E1	STH 26			32	7		22		
	INFILTRATION BASIN KY	7	5				5		
	INFILTRATION BASIN SBT	6	4						
	NOISE WALL VEGETATION 1	3							
	NOISE WALL VEGETATION 2		3				3		
	NOISE WALL VEGETATION 3		5						
	NOISE WALL VEGETATION 4	4							
	NOISE WALL VEGETATION 5		3						
	NOISE WALL VEGETATION 6	4							
	NOISE WALL VEGETATION 7						3		
	NOISE WALL VEGETATION 8						3		
	NOISE WALL VEGETATION 9						1		
	NOISE WALL VEGETATION 10		3						
	MAINLINE VEGETATION	5	3	8		8			
	TOTALS	60	58	40	7	23	37	50	31

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE SPECIFIED

SHADE TREES

SITE NO.	LOCATION	632.0101.015 OAK, SWAMP WHITE, B&B, 2 1/2-INCH CAL. EACH	632.0101.016 ELM, TRIUMPH, B&B, 2 1/2-INCH CAL. EACH	632.0101.018 HICKORY, SHAGBARK, B&B, 2 1/2-INCH CAL. EACH	632.0101.019 ASH, SNOWY MOUNTAIN B&B, 6-FOOT HT. EACH
E4	RACINE				
E3	USH 14		9	33	
E1	STH 26	26	21	13	
	INFILTRATION BASIN KY			9	3
	INFILTRATION BASIN SBT			7	
	NOISE WALL VEGETATION 1				
	NOISE WALL VEGETATION 2				
	NOISE WALL VEGETATION 3				
	NOISE WALL VEGETATION 4				
	NOISE WALL VEGETATION 5				3
	NOISE WALL VEGETATION 6				3
	NOISE WALL VEGETATION 7				
	NOISE WALL VEGETATION 8				
	NOISE WALL VEGETATION 9				
	NOISE WALL VEGETATION 10				
	MAINLINE VEGETATION	3		8	
	TOTALS	29	30	70	9

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE SPECIFIED

*ADDITIONAL QUANTITY FOUND IN "TREES" TABLE

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LEGEND

B&B	BALLED AND BURLAPPED
CONT.	CONTAINER GROWN
Ht.	HEIGHT
Cal.	CALIPER
SPV	SPECIAL PROVISIONS

EVERGREEN TREES

SITE NO.	LOCATION	632.0101.020 BALDCYPRESS, SHAWNEE BRAVE, B&B,2 1/2-INCH CAL. EACH	632.0101.021 PINE, AUSTRIAN, B&B, 8-FOOT HT. EACH	632.0101.034 CEDAR, EASTERN RED B&B, 8-FOOT HT. EACH
E4	RACINE			
E3	USH 14			
E1	STH 26			
	INFILTRATION BASIN KY	5		
	INFILTRATION BASIN SBT			
	NOISE WALL VEGETATION 1			
	NOISE WALL VEGETATION 2		8	
	NOISE WALL VEGETATION 3			
	NOISE WALL VEGETATION 4		8	
	NOISE WALL VEGETATION 5			
	NOISE WALL VEGETATION 6			
	NOISE WALL VEGETATION 7		3	
	NOISE WALL VEGETATION 8			
	NOISE WALL VEGETATION 9			
	NOISE WALL VEGETATION 10		3	5
	MAINLINE VEGETATION			
	TOTALS	5	22	5

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE SPECIFIED

ORNAMENTAL TREES

SITE NO.	LOCATION	632.0101.022 CHOKECHERRY, B&B, 6-FOOT HT EACH	632.0101.023 DOGWOOD, PAGODA, B&B, 6-FOOT HT EACH
E4	RACINE	19	9
E3	USH 14		
E1	STH 26	11	
	INFILTRATION BASIN KY		
	INFILTRATION BASIN SBT	5	
	NOISE WALL VEGETATION 1		
	NOISE WALL VEGETATION 2		
	NOISE WALL VEGETATION 3	5	
	NOISE WALL VEGETATION 4		
	NOISE WALL VEGETATION 5		
	NOISE WALL VEGETATION 6		
	NOISE WALL VEGETATION 7		
	NOISE WALL VEGETATION 8		
	NOISE WALL VEGETATION 9		
	NOISE WALL VEGETATION 10		
	MAINLINE VEGETATION		
	TOTALS	40	9

ORNAMENTAL TREES

SITE NO.	LOCATION	632.0101.024 CRABAPPLE, DONALD WYMAN, B&B, 8-FOOT HT. EACH	632.0101.025 HAWTHORN, THORNLESS COCKSPUR, B&B, 6-FOOT HT. EACH	632.0101.026 CRABAPPLE, PRAIRIE, B&B, 6-FOOT HT. EACH	632.0101.032 CRABAPPLE, REDBUD, B&B, 6-FOOT HT. EACH	632.0101.013* HAWTHORN, WINTER KING, B&B, 6-FOOT HT. EACH	SHADE, EVERGREEN AND ORNAMENTAL TREE TOTALS EACH
E4	RACINE					15	118
E3	USH 14	13				5	144
E1	STH 26	18			13	10	173
	INFILTRATION BASIN KY		5				39
	INFILTRATION BASIN SBT		3				25
	NOISE WALL VEGETATION 1			3			6
	NOISE WALL VEGETATION 2			3			17
	NOISE WALL VEGETATION 3						10
	NOISE WALL VEGETATION 4		3				15
	NOISE WALL VEGETATION 5		3				9
	NOISE WALL VEGETATION 6		3				10
	NOISE WALL VEGETATION 7			3			9
	NOISE WALL VEGETATION 8						3
	NOISE WALL VEGETATION 9						1
	NOISE WALL VEGETATION 10						11
	MAINLINE VEGETATION	8	8	3		9	63
	TOTALS	39	25	12	13	39	653

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE SPECIFIED

*ADDITIONAL QUANTITY FOUND IN "TREES" TABLE

Addendum No. 1
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November 28, 2018

LEGEND

B&B	BALLED AND BURLAPPED
CONT.	CONTAINER GROWN
Ht.	HEIGHT
Cal.	CALIPER
SPV	SPECIAL PROVISIONS

SHRUBS

SITE NO.	LOCATION	632.0201.001 JUNIPER, OLDFIELD COMMON, CONTAINER, 3-FOOT HT. #5	632.0201.002 AMERICAN FILBERT, CONTAINER, 3-FOOT HT. #5	632.0201.003 SUMAC, STAGHORN, CONTAINER, 3-FOOT HT. #5	632.0201.004 CHOKEBERRY BRILLIANT RED, CONTAINER, 3-FOOT HT. #5	632.0201.005 SILKY, DOGWOOD, CONTAINER, 3-FOOT HT. #5	632.0201.006 BAYBERRY, NORTHERN, CONTAINER, 3-FOOT HT. #5	632.0201.007 BUCKEYE, BOTTLEBRUSH, CONTAINER, 3-FOOT HT. #5
		EACH	EACH	EACH	EACH	EACH	EACH	EACH
E4	RACINE				99	80		
E3	USH 14						195	115
E1	STH 26	97	124				150	
	INFILTRATION BASIN KY							
	INFILTRATION BASIN SBT				41			50
	NOISE WALL VEGETATION 1							
	NOISE WALL VEGETATION 2			42	40			
	NOISE WALL VEGETATION 3			19				
	NOISE WALL VEGETATION 4			25				
	NOISE WALL VEGETATION 5			21			16	
	NOISE WALL VEGETATION 6				16			
	NOISE WALL VEGETATION 7				16			
	NOISE WALL VEGETATION 8							
	NOISE WALL VEGETATION 9							
	NOISE WALL VEGETATION 10			18				
	MAINLINE VEGETATION							
	TOTALS	97	124	125	212	80	361	165

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE SPECIFIED

SHRUBS

SITE NO.	LOCATION	632.0201.008 DOGWOOG, REDTWIG, CONTAINER, 3-FOOT HT. #5	632.0201.009 NINEBARK, COMMON, CONTAINER, 3-FOOT HT. #5	632.0201.010 CHOKEBERRY, GLOSSY BLACK, CONTAINER, 3-FOOT HT. #5	632.0201.014 SUMAC, SMOOTH, CONTAINER, 3-FOOT HT. #5	DECIDUOUS AND EVERGREEN SHRUB TOTALS
		EACH	EACH	EACH		EACH
E4	RACINE					179
E3	USH 14					310
E1	STH 26				62	433
	INFILTRATION BASIN KY	35	18	38		91
	INFILTRATION BASIN SBT					91
	NOISE WALL VEGETATION 1	23				23
	NOISE WALL VEGETATION 2					82
	NOISE WALL VEGETATION 3					19
	NOISE WALL VEGETATION 4	28				53
	NOISE WALL VEGETATION 5					37
	NOISE WALL VEGETATION 6	33				49
	NOISE WALL VEGETATION 7					16
	NOISE WALL VEGETATION 8					
	NOISE WALL VEGETATION 9		17			17
	NOISE WALL VEGETATION 10					18
	MAINLINE VEGETATION					
	TOTALS	119	35	38	62	1,418

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE SPECIFIED

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ID 1005-10-77
Added Sheet 1863A
November 28, 2018

LEGEND

B&B	BALLED AND BURLAPPED
CONT.	CONTAINER GROWN
Ht.	HEIGHT
Cal.	CALIPER
SPV	SPECIAL PROVISIONS

SEEDING

SITE NO.	LOCATION	SPV.0085.509 SEEDING NATIVE MIX N1	SPV.0085.510 SEEDING NATIVE MIX N2	SPV.0085.511 SEEDING NATIVE MIX N3	SPV.0085.512 SEEDING NATIVE MIX N4	SPV.0005.501 PRE-PLANTING VEGETATION TREATMENT	SPV.0005.500 SUBSOILING	630.0110 SEEDING MIXTURE NO. 10	630.0130 ** SEEDING MIXTURE NO. 30
		LB	LB	LB	LB	AC	AC	LB	LB
	LANDSCAPING SITE								
E4	RACINE		194			15		476	634
E3	USH 14		246			22	6	700	933
E1	STH 26		214			20	6	642	856
	INFILTRATION BASIN KY		34			4	1	124	166
	INFILTRATION BASIN SBT		11			2	1	40	54
MAINLINE	MAINLINE NATIVE SEEDING		300	5	4	24	20	143	191
	UNDISTRIBUTED	30	15	30	30			106	142
	TOTAL	30	1014	35	34	87	34	2231	2976

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE SPECIFIED

SEEDING, VEGETATION MANAGEMENT AND SIGNAGE

SITE NO.	LOCATION	632.9101 LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES CAT 1410	632.9101 LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES	637.2210 *** SIGNS TYPE II REFLECTIVE H I56-50 12"x18"	SPV.0060.507 DELINEATOR POST STEEL MODIFIED	616.0700.S * FENCE SAFETY	SPV.0005.502 SEED BED PREPARATION	SPV.0060.506 NATIVE SEED SURVEILLANCE AND CARE CYCLES
	LANDSCAPING SITE	EACH	EACH	SF	EACH	LF	AC	EACH
E4	RACINE			24	16			
E3	USH 14			54	36			
E1	STH 26			54	36			
	INFILTRATION BASIN KY			9	6			
	INFILTRATION BASIN SBT			12	8			
MAINLINE	MAINLINE NATIVE SEEDING			87	58			
LANDSCAPE PHASE 1	ALL SITES SOUTH OF AND INCLUDING MOUNT ZION CROSSING		13					8
LANDSCAPE PHASE 2	ALL SITES NORTH OF MOUNT ZION CROSSING; STH 26		13					8
LANDSCAPE PHASE 3	USH 14 SITE ONLY	13						8
	UNDISTRIBUTED					500	44	
	TOTAL	13	26	240	160	500	44	24

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE SPECIFIED

*ADDITIONAL QUANTITY FOUND IN "REMOVING FENCE" TABLE
**ADDITIONAL QUANTITY FOUND IN "LANDSCAPING ITEMS" TABLE
***ADDITIONAL QUANTITY FOUND IN "PERMANENT SIGNING TYPE II" TABLE AND "FENCING" TABLE
****ADDITIONAL QUANTITY FOUND IN "TOPSOIL SPECIAL" TABLE

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TOPSOIL SPECIAL - TREE PITS AND PLANTING BEDS

1005-10-77
CATEGORY 1500

ROADWAY	LOCATION	**** SPV.0035.501 TOPSOIL SPECIAL (CY)
RACINE ST. INTERCHANGE	TREE PITS	413
RACINE ST. INTERCHANGE	BED A	34
RACINE ST. INTERCHANGE	BED B	28
RACINE ST. INTERCHANGE	BED C	24
RACINE ST. INTERCHANGE	BED D	39
RACINE ST. INTERCHANGE	BED E	109
RACINE ST. INTERCHANGE	BED F	55
USH 14 INTERCHANGE	TREE PITS	504
USH 14 INTERCHANGE	BED A	47
USH 14 INTERCHANGE	BED B	69
USH 14 INTERCHANGE	BED C	21
USH 14 INTERCHANGE	BED D	78
USH 14 INTERCHANGE	BED E	78
USH 14 INTERCHANGE	BED F	76
USH 14 INTERCHANGE	BED G	44
USH 14 INTERCHANGE	BED H	48
USH 14 INTERCHANGE	BED I	75
STH 26 INTERCHANGE	TREE PITS	606
STH 26 INTERCHANGE	BED A	37
STH 26 INTERCHANGE	BED B	42
STH 26 INTERCHANGE	BED C	56
STH 26 INTERCHANGE	BED D	73
STH 26 INTERCHANGE	BED E	39
STH 26 INTERCHANGE	BED F	48
STH 26 INTERCHANGE	BED G	35
STH 26 INTERCHANGE	BED H	48
STH 26 INTERCHANGE	BED I	53
STH 26 INTERCHANGE	BED J	52
STH 26 INTERCHANGE	BED K	75
STH 26 INTERCHANGE	BED L	73
STH 26 INTERCHANGE	BED M	106
INFILTRATION BASIN KY	TREE PITS	137
INFILTRATION BASIN KY	BED F	27
INFILTRATION BASIN KY	BED G	22
INFILTRATION BASIN KY	BED H	47
INFILTRATION BASIN KY	BED I	27
INFILTRATION BASIN SBT	TREE PITS	88
INFILTRATION BASIN SBT	BED A	28
INFILTRATION BASIN SBT	BED B	34
INFILTRATION BASIN SBT	BED C	22
INFILTRATION BASIN SBT	BED D	23
INFILTRATION BASIN SBT	BED E	32
NOISE WALL VEGETATION 1	TREE PITS	21
NOISE WALL VEGETATION 1	BED J	36
NOISE WALL VEGETATION 2	TREE PITS	60
NOISE WALL VEGETATION 2	BED K	32
NOISE WALL VEGETATION 2	BED L	33
NOISE WALL VEGETATION 2	BED M	17
NOISE WALL VEGETATION 2	BED N	47
NOISE WALL VEGETATION 3	TREE PITS	35
NOISE WALL VEGETATION 3	BED O	32
NOISE WALL VEGETATION 4	TREE PITS	53
NOISE WALL VEGETATION 4	BED P	45
NOISE WALL VEGETATION 4	BED Q	13
NOISE WALL VEGETATION 4	BED R	23
NOISE WALL VEGETATION 5	TREE PITS	32
NOISE WALL VEGETATION 5	BED S	30
NOISE WALL VEGETATION 5	BED T	22
NOISE WALL VEGETATION 6	TREE PITS	35
NOISE WALL VEGETATION 6	BED U	27
NOISE WALL VEGETATION 6	BED V	23
NOISE WALL VEGETATION 6	BED W	23
NOISE WALL VEGETATION 7	TREE PITS	32
NOISE WALL VEGETATION 7	BED X	22
NOISE WALL VEGETATION 8	TREE PITS	11
NOISE WALL VEGETATION 9	TREE PITS	4
NOISE WALL VEGETATION 9	BED	27
NOISE WALL VEGETATION 10	TREE PITS	39
NOISE WALL VEGETATION 10	BED	23
MAINLINE VEGETATION	TREE PITS	221
PROJECT 1005-10-77 TOTAL		4,590

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ITS FIBER INSTALLATION - TRUNKLINE

FROM	TO	LINEAR DISTANCE LF	CABLE SLACK LF	678.0072 INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 72-CT LF
CATEGORY 1200				
EXCV-1	EXCV-2	1,607	200	EXISTING
EXCV-2	EXCV-3	210	100	EXISTING
EXCV-3	EXCV-4	1,156	100	EXISTING
EXCV-4	EXCV-4B	1,265	100	EXISTING
EXCV-4B	EXCV-5	2,060	100	EXISTING
EXCV-5	EXCV-6	2,170	100	EXISTING
EXCV-6	EXCV-7	2,050	100	EXISTING
EXCV-7	EXCV-8	780	100	EXISTING
EXCV-8	EXCV-9	1,820	100	EXISTING
EXCV-9	EXCV-12	1,663	100	1,763
EXCV-12	EXCV-13	1,667	100	1,767
EXCV-13	EXCV-14	1,684	100	1,784
EXCV-14	EXCV-15	1,010	100	1,110
EXCV-15	EXCV-16	1,600	100	1,700
EXCV-16	EXCV-17	1,682	100	1,782
EXCV-17	EXCV-18	300	100	400
EXCV-18	EXCV-19	2,238	100	2,338
EXCV-19	EXCV-20	2,150	100	2,250
EXCV-20	EXCV-21	2,250	100	2,350
EXCV-21	EXCV-22	2,475	100	2,575
EXCV-22	EXCV-23	2,395	100	2,495
EXCV-23	EXCV-24	2,050	100	2,150
EXCV-24	EXCV-25	2,150	100	2,250
EXCV-25	EXCV-26	350	100	450
EXCV-26	EXCV-27	1,570	100	1,670
EXCV-27	EXCV-29	350	100	450
EXCV-29	EXCV-30	2,350	100	2,450
EXCV-30	EXCV-31	2,005	100	2,105
EXCV-31	EXCV-32	185	100	285
EXCV-32	EXCV-33	640	100	740
EXCV-33	EXCV-34	2,135	100	2,235
EXCV-34	EXCV-35	2,160	100	2,260
EXCV-35	EXCV-36	195	100	295
EXCV-36	EXCV-37	1,345	100	1,445
EXCV-37	EXCV-38	135	100	235
EXCV-38	EXCV-39	1,125	100	1,225
EXCV-39	EXCV-40	1,240	100	1,340
EXCV-40	EXCV-41	1,960	100	2,060
EXCV-41	EXCV-42	1,955	100	2,055
EXCV-42	HUB-53-0027	250	250	500
HUB-53-0027	EXCV-42	250	250	500
EXCV-42	EXCV-43	285	100	385
EXCV-43	EXCV-44	1,270	100	1,370
EXCV-44	EXCV-45	1,270	100	1,370
EXCV-45	EXCV-46	1,205	100	1,305
		PROJECT 1005-10-77 TOTALS		**53,444**

ITS FIBER INSTALLATION - EACH ITEMS

ITEM ID	EQUIPMENT CODE	LOCATION	OFFSET	678.0200** FIBER OPTIC SPLICE ENCLOSURE EACH	678.0300** FIBER OPTIC SPLICE EACH	678.0400* FIBER OPTIC TERMINATION EACH	678.0600* INSTALL ETHERNET SWITCHES EACH	SPV.0060.417 SALVAGE RADIO EACH	FOR INFORMATION ONLY 12-CT PANEL EACH	FOR INFORMATION ONLY 72-CT PANEL EACH
CATEGORY 1200										
—	EXCV-1	CTH S	RT	1	4	--	---	—	—	—
CCTV-53-0039 & WMN-0069-2	EXCB-1	CTH S	LT	—	—	12	1	—	1	—
—	EXCV-9	SWEF	RT	1	76	--	---	—	—	—
WMN-0068-S	--	CREEK RD	LT	—	—	--	—	1	—	—
CCTV-53-0045 & WMN-0067-S	EXCB-2	SWEF	RT	—	—	12	1	2	1	—
—	EXCV-14	WOODMAN DMS	RT	1	4	--	---	—	—	—
DMS-53-0047/0048	EXCB-3	WOODMAN DMS	LT	—	—	12	1	2	1	—
—	EXCV-20	STH 11/AVALON RD	RT	1	74	--	—	—	—	—
CCTV-53-0034 & WMN-0066-S	EXCB-4	STH 11/AVALON RD	RT	—	—	12	—	1	1	—
—	EXCV-27	STH 11/RACINE ST	RT	1	74	--	---	—	—	—
CCTV-53-0029	EXCB-5	STH 11/RACINE ST	RT	—	—	12	1	1	1	—
—	EXCV-36	MILWAUKEE ST	LT	1	74	--	---	—	—	—
CCTV-53-0107	EXCB-6	MILWAUKEE ST	LT	—	—	12	1	1	1	—
HUB-53-0027	HUB-53-0027	USH 14	LT	—	—	192	3	—	1	3
CCTV-53-0024	EXCB-7	USH 14	RT	—	—	12	1	1	—	—
—	EXCV-43	USH 14	RT	—	24	--	—	—	—	—
—	EXCV-46	STH 26/MILTON AVE	LT	1	4	--	---	—	—	—
CCTV-53-0023	EXCB-8	STH 26/MILTON AVE	LT	—	—	12	1	1	1	—
		PROJECT 1005-10-77 TOTALS		**7**	**334**	**288**	**10**	**10**	**8**	**3**

*ADDITIONAL QUANTITIES FOUND IN "ITS DEVICES & COMMUNICATION" TABLE.
**ADDITIONAL QUANTITIES FOUND IN "ITS PULLBOX & COMMUNICATION VAULT ITEMS" & "INTERCONNECT FIBER OPTIC SPLICES" TABLES.

MISCELLANEOUS ITS - LINEAR FEET ITEMS

FROM	TO	LINEAR DISTANCE LF	674.0300 REMOVE CABLE LF	674.0400 REINSTALL CABLE LF
CATEGORY 1200				
EXCV-2	CP-1	30	---	30
EXCV-1	EXCV-2	200	200	—
EXCV-1	EXCP-1	50	50	—
EXCP-1	EXPB-1	30	30	—
EXCP-2	EXPB-2	20	20	—
EXCP-2	EXCV-2	30	30	—
EXPB-2	EXPB-3	190	190	—
EXPB-3	EXPB-4	230	230	—
EXPB-4	EXPB-5	200	200	—
EXPB-5	EXMB-1	70	70	—
EXPB-1	EXPB-6	350	350	—
EXPB-6	EXPB-7	200	200	—
EXPB-7	EXPB-8	80	80	—
EXPB-8	EXCB-1	10	10	—
EXCB-1	EXMB-3	10	10	—
EXDP-2	EXPB-9	190	190	—
EXPB-9	EXCP-3	50	50	—
EXPB-9	EXPB-10	90	90	—
EXPB-10	EXCB-2	10	10	—
EXPB-10	EXPB-11	210	210	—
EXPB-11	EXMB-5	80	80	—
	PROJECT 1005-10-77 TOTALS	**2,300**		**30**

ITS FIBER INSTALLATION - LATERALS

LOCATION	FROM	TO	LINEAR DISTANCE LF	CABLE SLACK LF	678.0012 INSTALL FIBER OPTIC CABLE OUTDOOR PLANT 12-CT LF
CATEGORY 1200					
CTH S	EXCV-1	EXPB-1	45	100	145
CTH S	EXPB-1	EXPB-2	125	20	145
CTH S	EXPB-2	EXPB-3	250	20	270
CTH S	EXPB-3	EXPB-4	300	20	320
CTH S	EXPB-4	EXPB-5	230	20	250
CTH S	EXPB-5	EXPB-6	115	20	135
CTH S	EXPB-6	EXPB-7	85	20	105
CTH S	EXPB-7	EXCB-1	70	70	140
SWEF	EXCV-9	EXCV-10	145	100	245
SWEF	EXCV-10	EXCB-2	25	100	125
SWEF	EXCV-9	EXCV-11	1,105	1,200	2,305
WOODMAN DMS	EXCV-14	EXPB-8	210	100	310
WOODMAN DMS	EXPB-8	EXCB-3	30	70	100
STH 11/AVALON RD	EXCV-20	EXPB-9	85	100	185
STH 11/AVALON RD	EXPB-9	EXPB-10	100	20	120
STH 11/AVALON RD	EXPB-10	EXPB-11	105	20	125
STH 11/AVALON RD	EXPB-11	EXPB-12	120	20	140
STH 11/AVALON RD	EXPB-12	EXPB-13	125	20	145
STH 11/AVALON RD	EXPB-13	EXCB-4	25	70	95
STH 11/RACINE ST	EXCV-27	EXPB-14	150	100	250
STH 11/RACINE ST	EXPB-14	EXCV-28	205	20	225
STH 11/RACINE ST	EXCV-28	EXCB-5	30	150	180
MILWAUKEE ST	EXCV-36	EXCB-6	35	150	185
USH 14	HUB-53-0027	EXCV-42	250	250	500
USH 14	EXCV-42	EXCV-43	290	100	390
USH 14	EXCV-43	EXPB-16	370	20	390
USH 14	EXPB-16	EXPB-17	400	20	420
USH 14	EXPB-17	EXCB-7	55	50	105
STH 26	EXCV-46	EXPB-18	140	100	240
STH 26	EXPB-18	EXPB-19	105	20	125
STH 26	EXPB-19	EXPB-20	310	20	330
STH 26	EXPB-20	EXCB-8	75	70	145
		PROJECT 1005-10-77 TOTALS			**8,890**

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Revised Sheet 1868
November 28, 2018

3

PROJECT NO: 1005-10-77, -83	HWY: IH 39/90	COUNTY: ROCK	MISCELLANEOUS QUANTITIES	SHEET 1868	E

FILE NAME: G:\G:\WDOTSW\WSW10-11032\PS&E\10051077 North Janesville\Final\Estimate ORIGINATOR: KL ENGINEERING, INC. ORIG. DATE: REV. DATE: PRINT DATE: November 27, 2018

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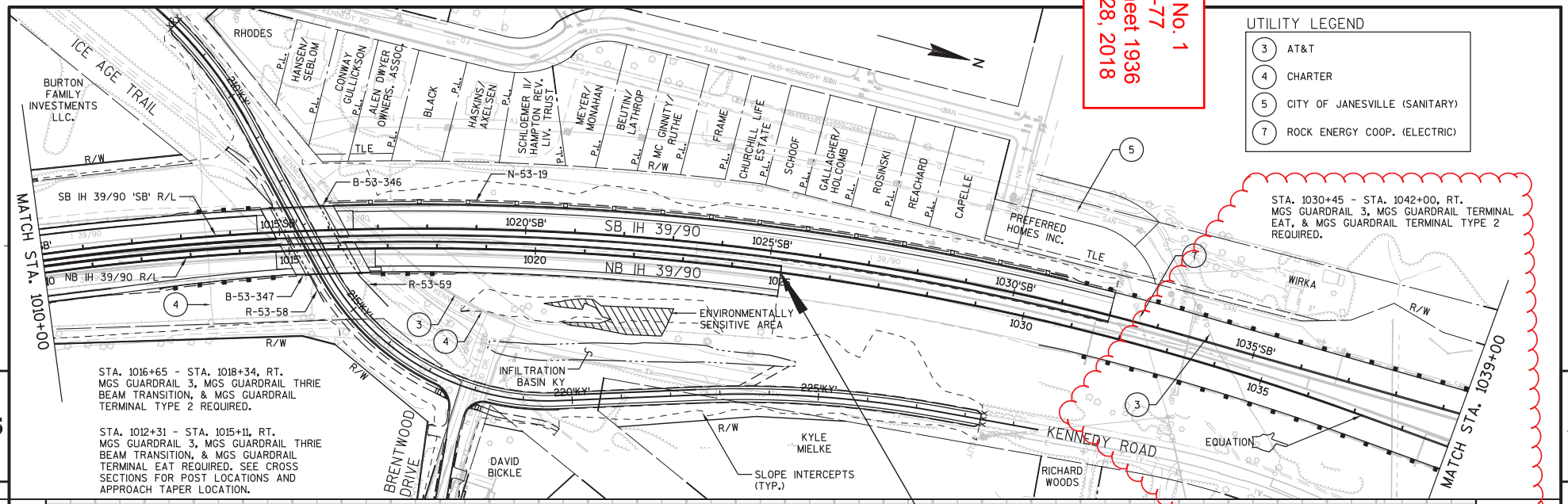
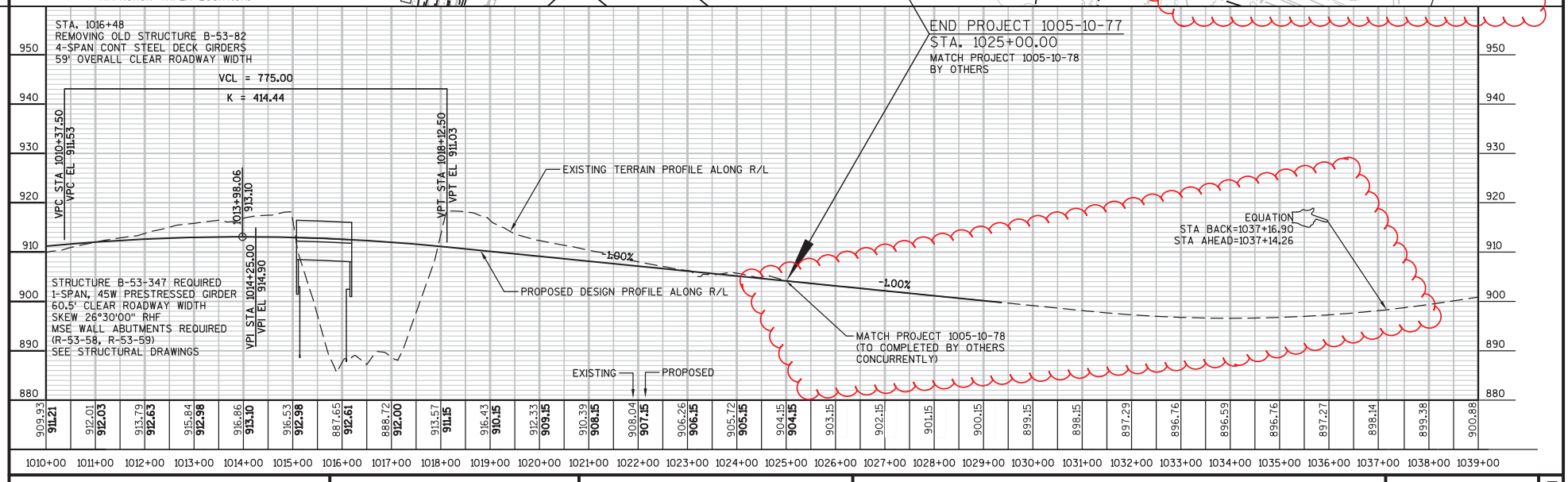
ID 1005-10-77
Revised Sheet 1936
November 28, 2018

UTILITY LEGEND

3	AT&T
4	CHARTER
5	CITY OF JANESVILLE (SANITARY)
7	ROCK ENERGY COOP. (ELECTRIC)





PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN AND PROFILE: IH 39/90 NB	SHEET 1936	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN AND PROFILE\1_I-39 NB-NORTH JANESVILLE\050101_PP_NB.DWGOT DATE : 11/12/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1:200_XREF_XREF_XREF (2)

WISDOT/CADDS SHEET 44

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ID 1005-10-77
Added Sheet 1936A
November 28, 2018

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RIESTERER FARMS LLP
WIRKA
RIESTERER FARMS LLP
R/W
14
MATCH STA. 1039+00
MATCH STA. 1069+00
1040'SB' 1045'SB' 1050'SB' SB IH 39/90 1055'SB' 1060'SB' 1065'SB'
SB IH 39/90 'SB' R/L
NB IH 39/90 R/L
1040 1045 1050 NB IH 39/90 1055 1060 1065
MARLING
RIESTERER FARMS LLP
SLOPE INTERCEPTS (TYP.)
STA 1059+35
1-APRON ENDWALL FOR CULVERT PIPE
SALVAGED 42-INCH REQ'D, LT
LEE
R/W
MARLING
O'DONNELL
JUNG
SCHUMACHER
MCNETT & HOPP

UTILITY LEGEND

14	WISCONSIN DOT (SAN)
15	MILTON SCHOOL DISTRICT (FO)

MEIER
RIESTERER
MANHART
USHER & WALSH
R/W
14
MATCH STA. 1069+00
1070'SB' 1075'SB' SB IH 39/90 1080'SB' 1085'SB' 1090'SB' 1095'SB' 1100'
85'TAC'
SLOPE INTERCEPTS (TYP.)
SB IH 39/90 'SB' R/L
NB IH 39/90 R/L
1070 1075 NB IH 39/90 1080 1085 1090 1095
85'TAC'
MAINTENANCE CROSSOVER 'TAC' R (SEE DETAIL)
15
STA 1073+00, LT
EXISTING APRON ENDWALL
TO REMAIN
STA 1078+25
1-APRON ENDWALL FOR CULVERT PIPE
SALVAGED 24-INCH REQ'D, LT
STA 1081+50
1-24" CPRC REQ'D
1-APRON ENDWALL REQ'D, LT
END CONSTRUCTION
STA. 1086+50
R/W
ELLEFSON
ELLEFSON
NICKEL
ROTH
STA 1082+50
1-24" CPRC REQ'D
1-APRON ENDWALL REQ'D, LT
STA 1085+80, LT
1-18" CPRC REQ'D
2-APRON ENDWALLS REQ'D, LT
(SEE BASIN DETAILS)
HERGERT
PURDY

WISCONSIN DEPARTMENT OF TRANSPORTATION

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN AND PROFILE: IH 39/90 NB	SHEET 1936A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN AND PROFILE\1_I-39 NB-NORTH JANESVILLE\050101_PP_NB.DWGOT DATE : 11/12/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1:200_XREF_XREF_XREF WISDOT/CADDS SHEET 44

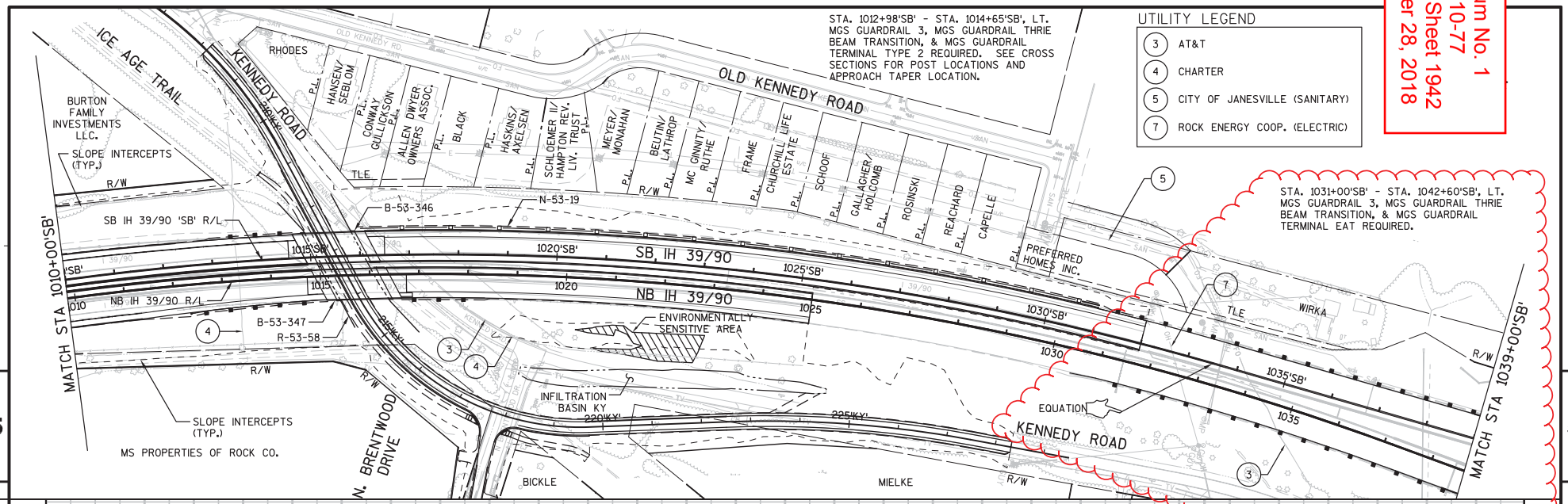
Addendum No. 1
ID 1005-10-77
Revised Sheet 1942
November 28, 2018

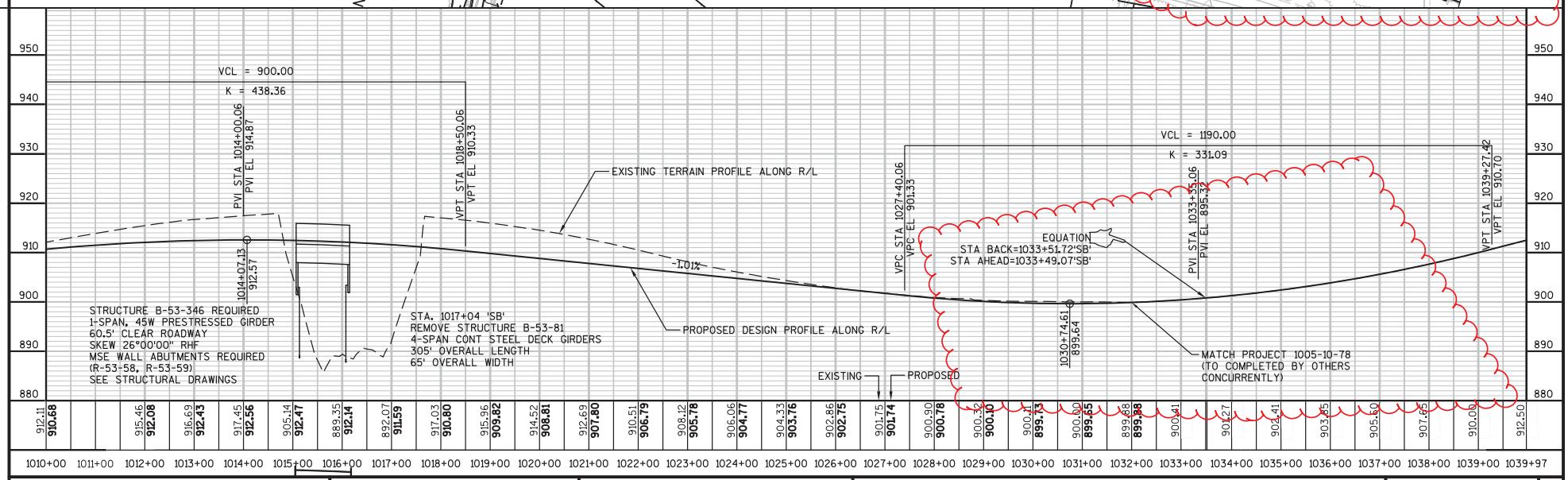
STA. 1012+98'SB' - STA. 1014+65'SB', LT. MGS GUARDRAIL 3, MGS GUARDRAIL THRIE BEAM TRANSITION, & MGS GUARDRAIL TERMINAL TYPE 2 REQUIRED. SEE CROSS SECTIONS FOR POST LOCATIONS AND APPROACH TAPER LOCATION.

UTILITY LEGEND

3	AT&T
4	CHARTER
5	CITY OF JANESVILLE (SANITARY)
7	ROCK ENERGY COOP. (ELECTRIC)

STA. 1031+00'SB' - STA. 1042+60'SB', LT. MGS GUARDRAIL 3, MGS GUARDRAIL THRIE BEAM TRANSITION, & MGS GUARDRAIL TERMINAL EAT REQUIRED.

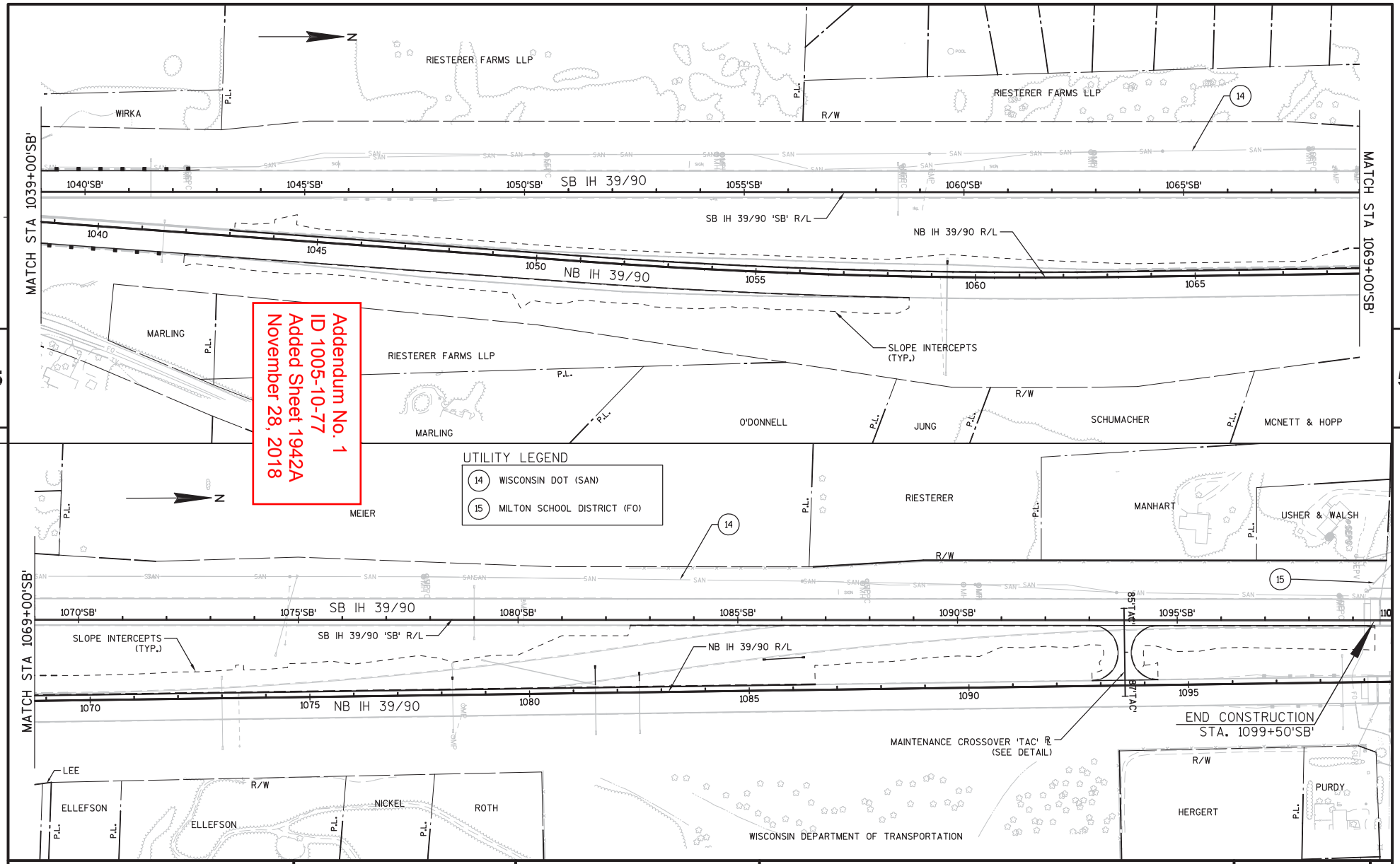




PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN AND PROFILE: IH 39/90 'SB'	SHEET 1942	E

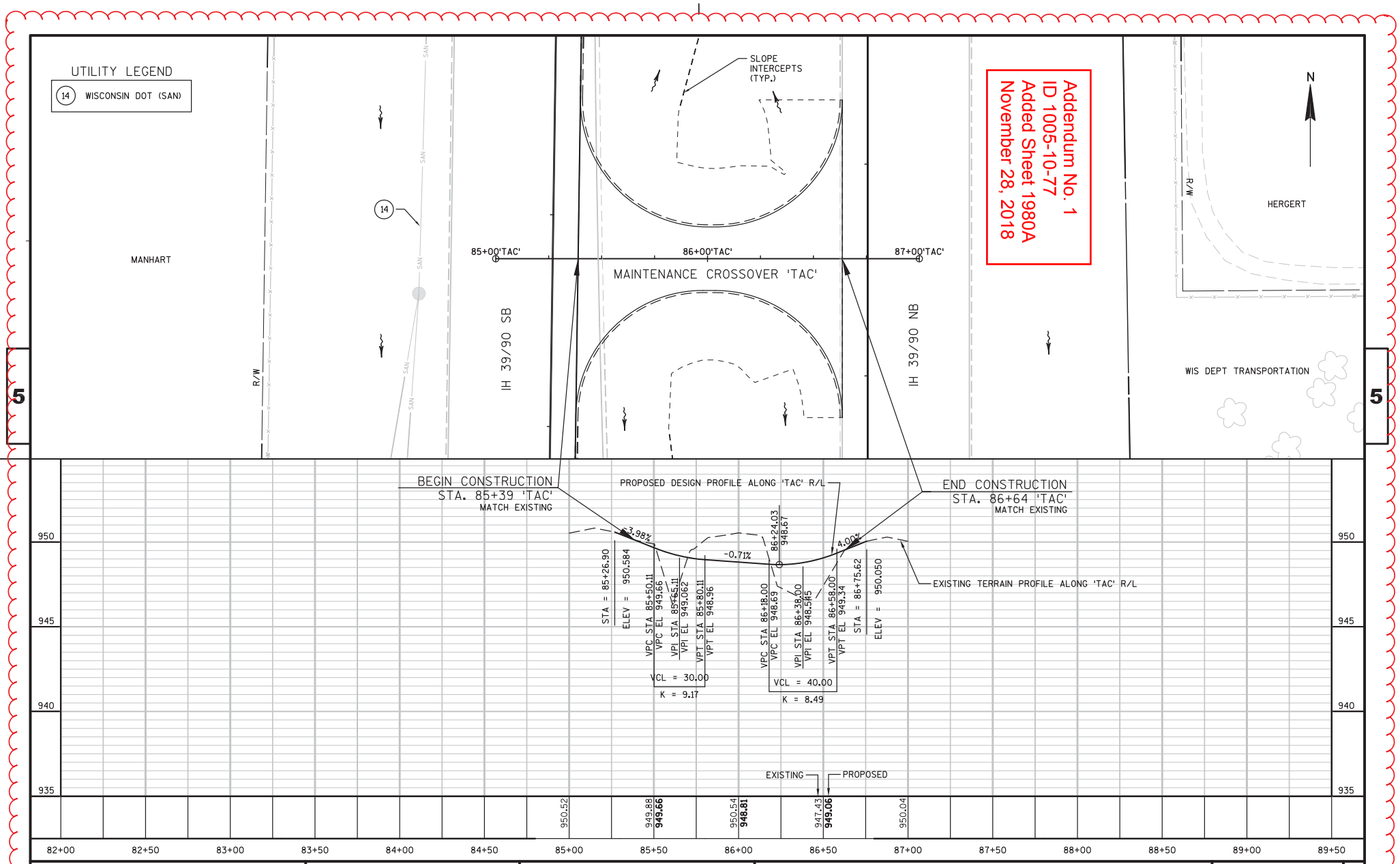
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN AND PROFILE\2_I-39 SB-NORTH JANESVILLE\050102_PP_SB.DWG PLOT DATE : 11/12/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1:200_XREF_XREF_XREF (2)

WISDOT/CADDS SHEET 44



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN AND PROFILE: IH 39/90 'SB'	SHEET 1942A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\PLAN AND PROFILE\2_I-39 SB-NORTH JANESVILLE\050102_PP_SB.DWG PLOT DATE : 11/12/2018 PLOT BY : KL ENGINEERING PLOT NAME : _____ PLOT SCALE : 1:200_XREF_XREF_XREF WISDOT/CADDS SHEET 44

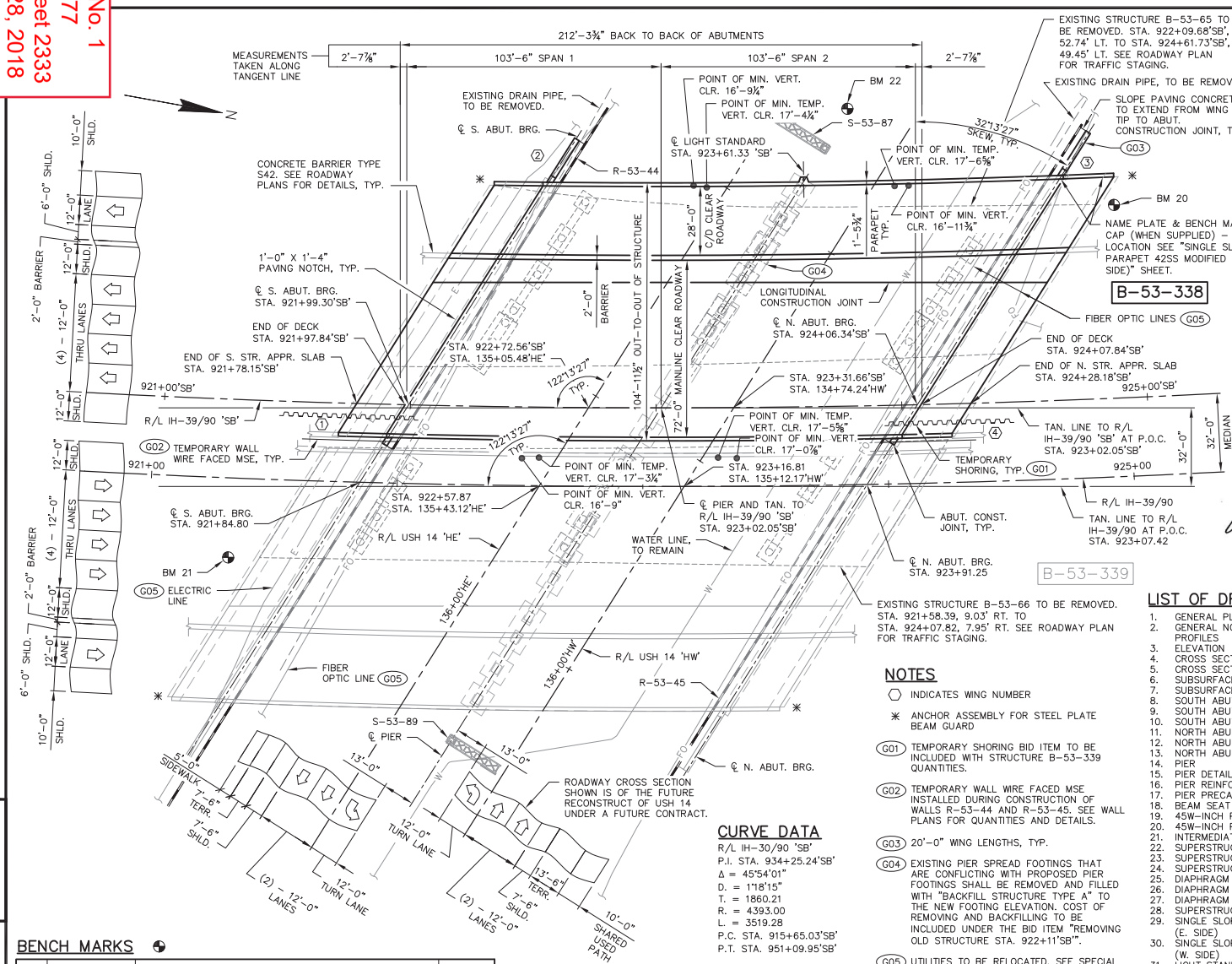


Addendum No. 1
ID 1005-10-77
Added Sheet 1980A
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	PLAN AND PROFILE: MAINTENANCE CROSSOVER 'TAC'	SHEET 1980A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\PLAN AND PROFILE\050114_PP (TAC).DWG PLOT DATE : 11/6/2018 PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1"=40'-XREF WISDOT/CADDS SHEET 44

Addendum No. 1
ID 1005-10-77
Revised Sheet 2333
November 28, 2018



EXISTING STRUCTURE B-53-65 TO BE REMOVED. STA. 922+09.68'SB', 52.74' LT. TO STA. 924+61.73'SB', 49.45' LT. SEE ROADWAY PLAN FOR TRAFFIC STAGING.

EXISTING DRAIN PIPE, TO BE REMOVED.

SLOPE PAVING CONCRETE TO EXTEND FROM WING TIP TO ABUT. CONSTRUCTION JOINT, TYP.

DESIGN DATA

STATE PROJECT NUMBER
1005-10-77

LIVE LOAD:

DESIGN LOADING	HL-93
INVENTORY RATING FACTOR	RF=1.38
OPERATING RATING FACTOR	RF=1.80
WISCONSIN STANDARD PERMIT VEHICLE RATING (WIS.-SPV):	250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT. STRUCTURE IS RATED FOR A POLYMER OVERLAY OF 5 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY, HPC DECK, PARAPET, BARRIER, DIAPHRAGMS & STR. APPR. SLABS	$f'c$ = 4,000 P.S.I.
ALL OTHER (INCL. STR. APPR. SLAB FTGS.)	$f'c$ = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT	f_y = 60,000 P.S.I.
45W-INCH PRESTRESSED GIRDERS CONCRETE MASONRY	$f'c$ = 8,000 P.S.I.
STRANDS – 0.6" DIAMETER WITH AN ULTIMATE TENSILE STRENGTH OF	f_u = 270,000 P.S.I.

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON 12¾" X 0.375" C.I.P. PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 30 FT. PILE LENGTHS AT THE SOUTH ABUTMENT AND 30 FT. PILE LENGTHS AT THE NORTH ABUTMENT.

PIER TO BE SUPPORTED ON 12¾" X 0.375" C.I.P. PILING DRIVEN TO A REQUIRED RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 20 FT. PILE LENGTHS.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/20/2018

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES, QUANTITIES AND PROFILES
3. ELEVATION
4. CROSS SECTION IN SPAN
5. CROSS SECTION AT PIER
6. SUBSURFACE EXPLORATION #1
7. SUBSURFACE EXPLORATION #2
8. SOUTH ABUTMENT
9. SOUTH ABUTMENT DETAILS
10. SOUTH ABUTMENT REINFORCEMENT
11. NORTH ABUTMENT
12. NORTH ABUTMENT DETAILS
13. NORTH ABUTMENT REINFORCEMENT
14. PIER
15. PIER DETAILS
16. PIER REINFORCEMENT
17. PIER PRECAST ALTERNATE
18. BEAM SEAT DETAILS
19. 45W-INCH PRESTRESSED GIRDER
20. 45W-INCH PRESTRESSED GIRDER DETAILS
21. INTERMEDIATE STEEL DIAPHRAGM
22. SUPERSTRUCTURE PLAN
23. SUPERSTRUCTURE LAYOUT
24. SUPERSTRUCTURE TYPICAL SECTION
25. DIAPHRAGM REINFORCEMENT AT PIER
26. DIAPHRAGM REINFORCEMENT AT S. ABUT.
27. DIAPHRAGM REINFORCEMENT AT N. ABUT.
28. SUPERSTRUCTURE REINFORCEMENT
29. SINGLE SLOPE PARAPET 42SS MODIFIED (E. SIDE)
30. SINGLE SLOPE PARAPET 42SS MODIFIED (W. SIDE)
31. LIGHT STANDARD DETAILS
32. CONDUIT DETAILS
33. SOUTH STRUCTURAL APPROACH SLAB
34. SOUTH STRUCTURAL APPROACH SLAB DETAILS
35. NORTH STRUCTURAL APPROACH SLAB
36. NORTH STRUCTURAL APPROACH SLAB DETAILS
37. ALTERNATE CONSTRUCTION JOINT
38. AESTHETIC DETAILS #1
39. AESTHETIC DETAILS #2

NOTES

⬡ INDICATES WING NUMBER

✳ ANCHOR ASSEMBLY FOR STEEL PLATE BEAM GUARD

(G01) TEMPORARY SHORING BID ITEM TO BE INCLUDED WITH STRUCTURE B-53-339 QUANTITIES.

(G02) TEMPORARY WALL WIRE FACED MSE INSTALLED DURING CONSTRUCTION OF WALLS R-53-44 AND R-53-45. SEE WALL PLANS FOR QUANTITIES AND DETAILS.

(G03) 20'-0" WING LENGTHS, TYP.

(G04) EXISTING PIER SPREAD FOOTINGS THAT ARE CONFLICTING WITH PROPOSED PIER FOOTINGS SHALL BE REMOVED AND FILLED WITH "BACKFILL STRUCTURE TYPE A" TO THE NEW FOOTING ELEVATION. COST OF REMOVING AND BACKFILLING TO BE INCLUDED UNDER THE BID ITEM "REMOVING OLD STRUCTURE STA. 922+11'SB".

(G05) UTILITIES TO BE RELOCATED. SEE SPECIAL PROVISIONS FOR DETAILS.

CURVE DATA

R/L IH-30/90 'SB'
P.I. STA. 934+25.24'SB'
Δ = 45°54'01"
D. = 1°18'15"
T. = 1860.21
R. = 4393.00
L. = 3519.28
P.C. STA. 915+65.03'SB'
P.T. STA. 951+09.95'SB'

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
20	924+89.77'SB'	WISDOT DISK TOP PARAPET NW QUAD B-53-65, 78.60' LT.	906.28
21	921+28.36'SB'	WISDOT DISK TOP PARAPET SE QUAD B-53-66, 64.34' RT.	906.28
22	923+80.03'SB'	SE BOLT LPM W/2 LIGHTS, 120.97' LT.	885.02

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

PLAN B-53-338

(TWO SPAN 45W-INCH PRESTRESSED CONCRETE GIRDERS)

TRAFFIC DATA:

IH-39/90		USH 14	
A.A.D.T. (2017)	59,000	A.A.D.T. (2017)	28,800
A.A.D.T. (2040)	92,400	A.A.D.T. (2040)	38,650
DESIGN SPEED	70 M.P.H.	DESIGN SPEED	45 M.P.H.

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588-7866

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266-8489

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B-53-338

IH-39/90 'SB' OVER USH 14

COUNTY	TOWN/CITY/VILLAGE
ROCK	JANESVILLE

DESIGN SPEC. AASHTO LRFD DESIGN SPEC.

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JDO	CDS	JDO	JJK

GENERAL PLAN

SHEET 1 OF 39

2333

8

FILE: 01&03-B530338_fsh.dwg
PLOT SCALE:

Addendum No. 1
ID 1005-10-77
Revised Sheet 2334
November 28, 2018

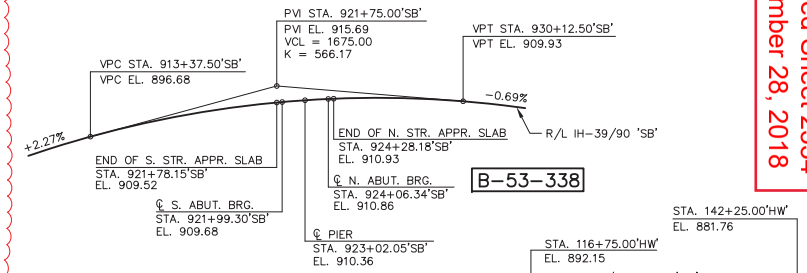
STATE PROJECT NUMBER
1005-10-77

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	S. STR. APPR. SLAB	S. ABUT.	PIER	N. ABUT.	N. STR. APPR. SLAB	SUPER.	TOTALS
203.0200.001	REMOVING OLD STRUCTURE STA. 922+11'SB'	LS	---	---	---	---	---	---	1
203.0225.S.001	DEBRIS CONTAINMENT STRUCTURE B-53-65	LS	---	---	---	---	---	---	1
206.1000.001	EXCAVATION FOR STRUCTURES BRIDGES B-53-338	LS	---	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	650	---	630	---	---	1280
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	330	---	---	---	340	---	670
501.1000.S	ICE HOT WEATHER CONCRETING	LB	1100	1050	1830	1030	1140	6900	13050
502.0100	CONCRETE MASONRY BRIDGES	CY	34	139	244	137	36	---	590
502.3200	PROTECTIVE SURFACE TREATMENT	SY	220	---	---	---	227	65 ◐	512
502.3210	PIGMENTED SURFACE SEALER	SY	38	---	---	---	39	396	473
503.0146	PRESTRESSED GIRDER TYPE I 45W-INCH	LF	---	---	---	---	---	2702	2702
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	9480	8180	9600	---	---	27260
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	24660	1150	37520	1130	25640	183150	273250
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	---	---	---	3880	3880
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	13	26	13	---	---	52
506.4000.001	STEEL DIAPHRAGMS B-53-338	EACH	---	---	---	---	---	48	48
509.5100.S	POLYMER OVERLAY	SY	---	---	---	---	---	2340	2340
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	26	---	27	---	2	55
517.1010.S.001	CONCRETE STAINING B-53-338	SF	158	1164	3505	1139	163	5531	11660
517.1050.S.001	ARCHITECTURAL SURFACE TREATMENT B-53-338	SF	---	767	---	743	---	---	1510
550.2126	PILING CIP CONCRETE 12 3/4 X 0.375-INCH	LF	---	720	1380	750	---	---	2850
604.0400	SLOPE PAVING CONCRETE	SY	---	40	---	41	---	---	81
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	150	---	155	---	---	305
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	1	---	---	---	1	---	2
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	128	---	131	---	---	259
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	23	---	---	---	23	---	46
652.0210	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH	LF	---	---	54	---	---	---	54
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	94	---	29	---	94	618	835
653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH	---	---	2	---	---	7	9
657.6005	ANCHOR ASSEMBLIES LIGHT POLES ON STRUCTURES	EACH	---	---	---	---	---	1	1
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	112	---	---	---	116	920	1148
SPV.0060.700	JUNCTION BOXES 4 X 4 X 4-INCH	EACH	---	---	3	---	---	---	3
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	1975	---	---	---	2043	---	4018
(NON-BID ITEM)	FILLER	SIZE	---	---	---	---	---	---	½" & ¾"

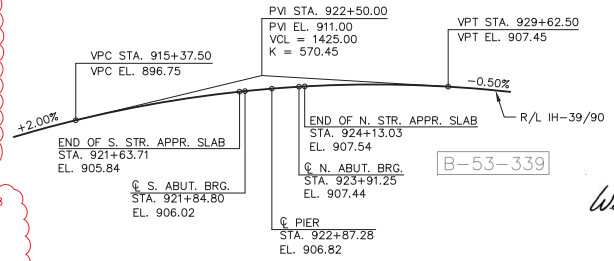
1

◐ PROTECTIVE SURFACE TREATMENT QUANTITY SHOWN FOR SUPERSTRUCTURE IS FOR THE PAVING NOTCH BETWEEN ABUTMENT DIAPHRAGMS AND STRUCTURAL APPROACH SLABS ONLY. DO NOT APPLY PROTECTIVE SURFACE TREATMENT TO THE SUPERSTRUCTURE DECK. 1

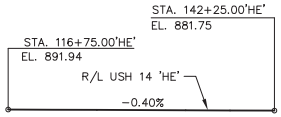


PROFILE GRADE LINE, R/L IH-39/90 'SB'

PROFILE GRADE LINE, R/L USH 14 'HW'



PROFILE GRADE LINE, R/L IH-39/90



PROFILE GRADE LINE, R/L USH 14 'HE'

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL BETWEEN THE FRONT FACE OF THE ABUTMENTS AND RETAINING WALLS SHALL BE COVERED WITH CONCRETE SLOPE PAVING TO THE EXTENT SHOWN ON THE "GENERAL PLAN" SHEET AND ON THE ABUTMENT SHEETS. SEE PLANS FOR RETAINING WALLS R-53-44 AND R-53-45 FOR FURTHER DETAILS.

AT THE BACKFACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE TYPE A, BID ITEM 210.1500, IS CALCULATED BASED ON WBM STANDARD DETAIL 9.01 STRUCTURE BACKFILL LIMITS AND NOTES.

THE COST OF FURNISHING AND PLACING THE MSE BACKFILL OR SIZE 2 COARSE AGGREGATE UNDER THE SLOPE PAVING SHALL BE INCLUDED WITH THE BID ITEM "SLOPE PAVING CONCRETE".

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "45W-INCH PRESTRESSED GIRDER DETAILS" SHEET.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

THE CONTRACTOR MAY FURNISH A PRECAST PIER (CAP AND COLUMN ELEMENTS) IN LIEU OF THE CAST-IN-PLACE PIER WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST PIER SHALL CONFORM TO PRECAST DETAILS IN CHAPTER 7 STANDARDS OF THE CURRENT WISCONSIN DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST PIER SHALL BE BASED OFF THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES."

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ~~SUPERSTRUCTURE DECK AND~~ STRUCTURAL APPROACH SLABS PER THE STANDARD SPECIFICATION. DO NOT APPLY PROTECTIVE SURFACE TREATMENT TO THE SUPERSTRUCTURE DECK. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE CONCRETE BARRIER AND TO THE PARAPETS PER THE STANDARD SPECIFICATION. SEE "ELEVATION" SHEET FOR PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER LIMITS.

RECESSES AND RELIEF ON THE BACK OF PARAPETS SHALL BE FORMED PER THE DETAILS SHOWN IN THE PLANS AND SHALL BE INCLUDED IN THE COST OF "HPC MASONRY STRUCTURES". RECESSES AND RELIEF ON THE PIER COLUMNS SHALL BE FORMED PER THE DETAILS SHOWN IN THE PLANS AND SHALL BE INCLUDED IN THE COST OF "CONCRETE MASONRY BRIDGES". FORMLINER ON THE ABUTMENTS AND WINGS SHALL BE PAID FOR UNDER THE BID ITEM "ARCHITECTURAL SURFACE TREATMENT B-53-338".

IF TOUCH UP STAINING IS REQUIRED AFTER INSTALLATION IS COMPLETE. ALL TOUCH UP STAINING IS TO BE DONE TO THE SATISFACTION OF THE FIELD ENGINEER AT NO ADDITIONAL COST.

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-338 WITH RETAINING WALLS R-53-44 AND R-53-45 AND WITH SIGN BRIDGES S-53-87 AND S-53-89 IN PROJECT 1005-10-87.

THE CONCRETE QUANTITIES FOR THE PARAPETS, BARRIER SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS (EXCLUDING THE FOOTINGS), CONCRETE DIAPHRAGMS, AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HPC MASONRY STRUCTURES".

THE EXISTING STRUCTURE B-53-65 IS A FOUR SPAN STEEL GIRDER CONCRETE DECK STRUCTURE WIDENED WITH PRESTRESSED GIRDERS WITH AN OVERALL LENGTH OF 251'-11½" AND A WIDENED CLEAR ROADWAY WIDTH THAT VARIES FROM 58'-0" TO 73'-4". SUPERSTRUCTURE, PIERS AND ABUTMENTS SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS NOTED IN THESE PLANS. COMPLETELY REMOVE ALL EXISTING PILES LOCATED WITHIN THE RETAINING WALL REINFORCED SOIL ZONES DOWN TO THE BOTTOM OF THE "BACKFILL GRANULAR GRADE 1" LIMITS. SEE RETAINING WALLS R-53-44 & R-53-45 PLANS FOR LIMITS.

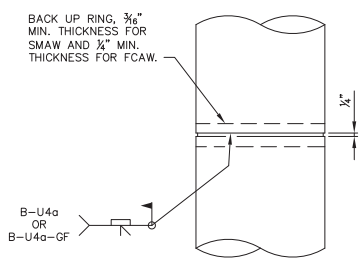
CONCRETE MASONRY REQUIRES A MINIMUM CURE TIME OF 28 DAYS BEFORE PLACING POLYMER OVERLAY.

POLYMER OVERLAY IS TO BE PLACED ON THE BRIDGE DECK PRIOR TO TRAFFIC. THE BRIDGE DECK IS NOT TO BE TRANSVERSELY TINED ACCORDING TO THE STANDARD SPECIFICATION 502.3.7.8 (14).

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

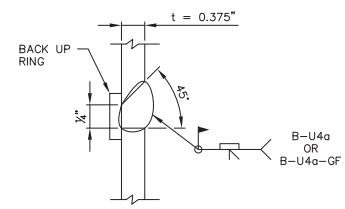
ALL TOP OF CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY.

BID ITEM SPV.0165.700 "LONGITUDINAL GROOVING BRIDGE DECK" SHALL ONLY BE APPLIED TO THE STRUCTURAL APPROACH SLABS. DO NOT APPLY "LONGITUDINAL GROOVING BRIDGE DECK" TO THE DECK OF THE BRIDGE. 1



CAST-IN-PLACE 'PIPE PILE'

NOTE: CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION.



C.I.P. PILE WELD DETAIL

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
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PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

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NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-338

DRAWN BY JDO | PLANS CK'D JJK

GENERAL NOTES, QUANTITIES AND PROFILES

SHEET 2 OF 39

2334

FILE: 02-B530338_gnt.dwg
PLOT SCALE:

Addendum No. 1
ID 1005-10-77
Revised Sheet 2335
November 28, 2018

STATE PROJECT NUMBER
1005-10-77

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER

William C. Dreher SDR
11/21/18

11/20/2018

NOTES

COST OF EXCAVATION IN THE HATCHED AREAS SHALL BE CONSIDERED "EXCAVATION COMMON." SEE ROADWAY PLANS.

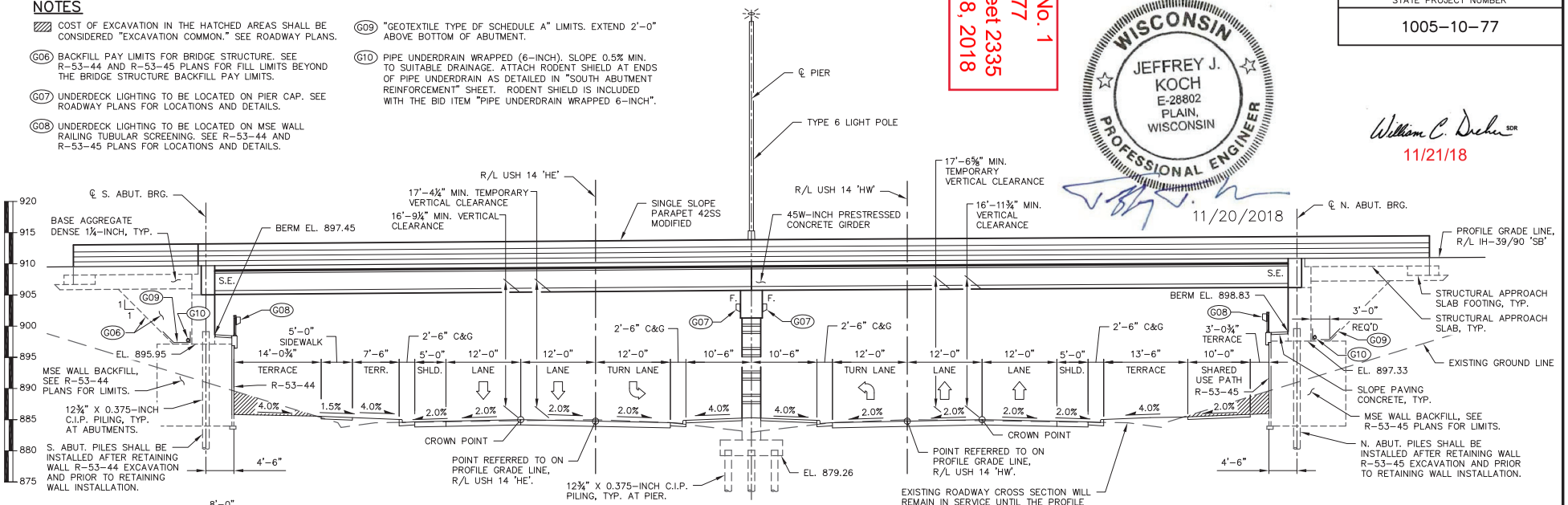
G06 BACKFILL PAY LIMITS FOR BRIDGE STRUCTURE. SEE R-53-44 AND R-53-45 PLANS FOR FILL LIMITS BEYOND THE BRIDGE STRUCTURE BACKFILL PAY LIMITS.

G07 UNDERDECK LIGHTING TO BE LOCATED ON PIER CAP. SEE ROADWAY PLANS FOR LOCATIONS AND DETAILS.

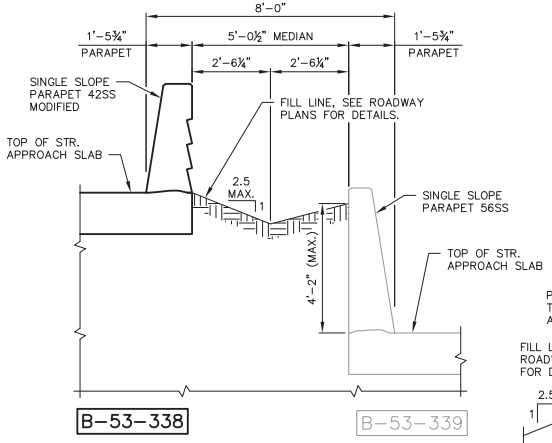
G08 UNDERDECK LIGHTING TO BE LOCATED ON MSE WALL RAILING TUBULAR SCREENING. SEE R-53-44 AND R-53-45 PLANS FOR LOCATIONS AND DETAILS.

G09 "GEOTEXTILE TYPE DF SCHEDULE A" LIMITS. EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT.

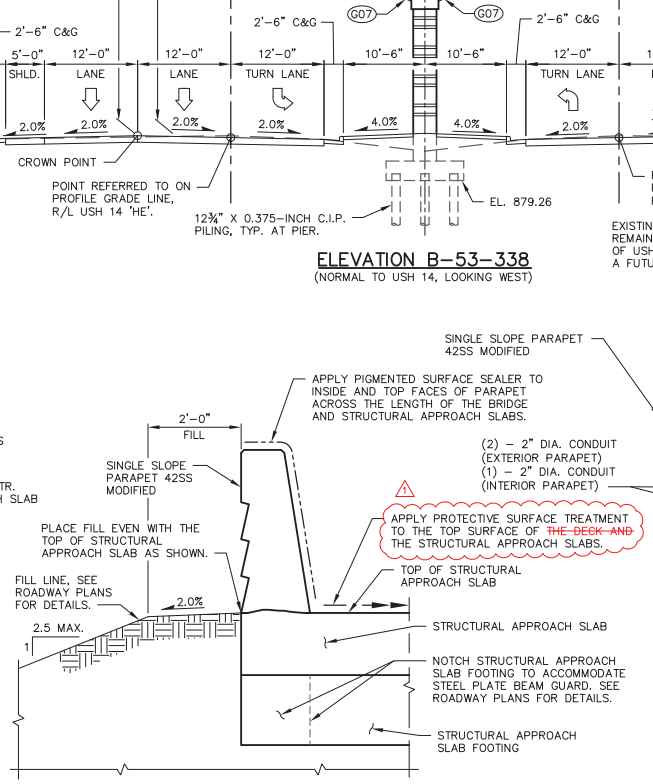
G10 PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN AS DETAILED IN "SOUTH ABUTMENT REINFORCEMENT" SHEET. RODENT SHIELD IS INCLUDED WITH THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".



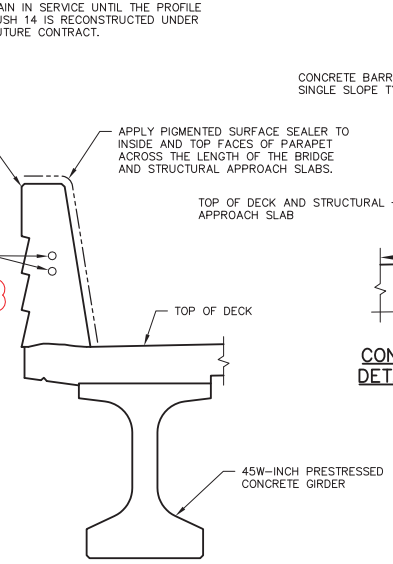
ELEVATION B-53-338
(NORMAL TO USH 14, LOOKING WEST)



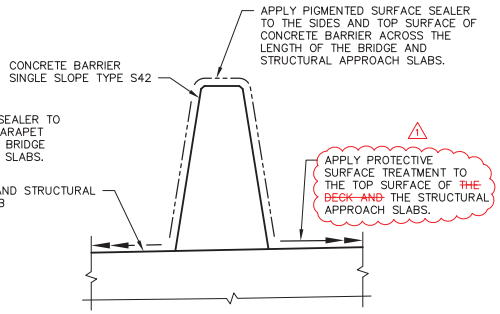
TYPICAL FILL SECTION IN MEDIAN
(INTERIOR PARAPETS, LOOKING NORTH)



TYPICAL FILL SECTION AT END OF STRUCTURAL APPROACH SLABS
(EXTERIOR PARAPET, LOOKING NORTH)



CONCRETE SURFACE TREATMENT DETAILS IN SPAN
(EXTERIOR PARAPET, LOOKING NORTH)



CONCRETE SURFACE TREATMENT DETAILS FOR CONCRETE BARRIER

8

8

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-338

DRAWN BY JDO | PLANS CK'D JJK

ELEVATION

SHEET 3 OF 39

2335

FILE: 01&03-B530338_fsh.dwg
PLOT SCALE:

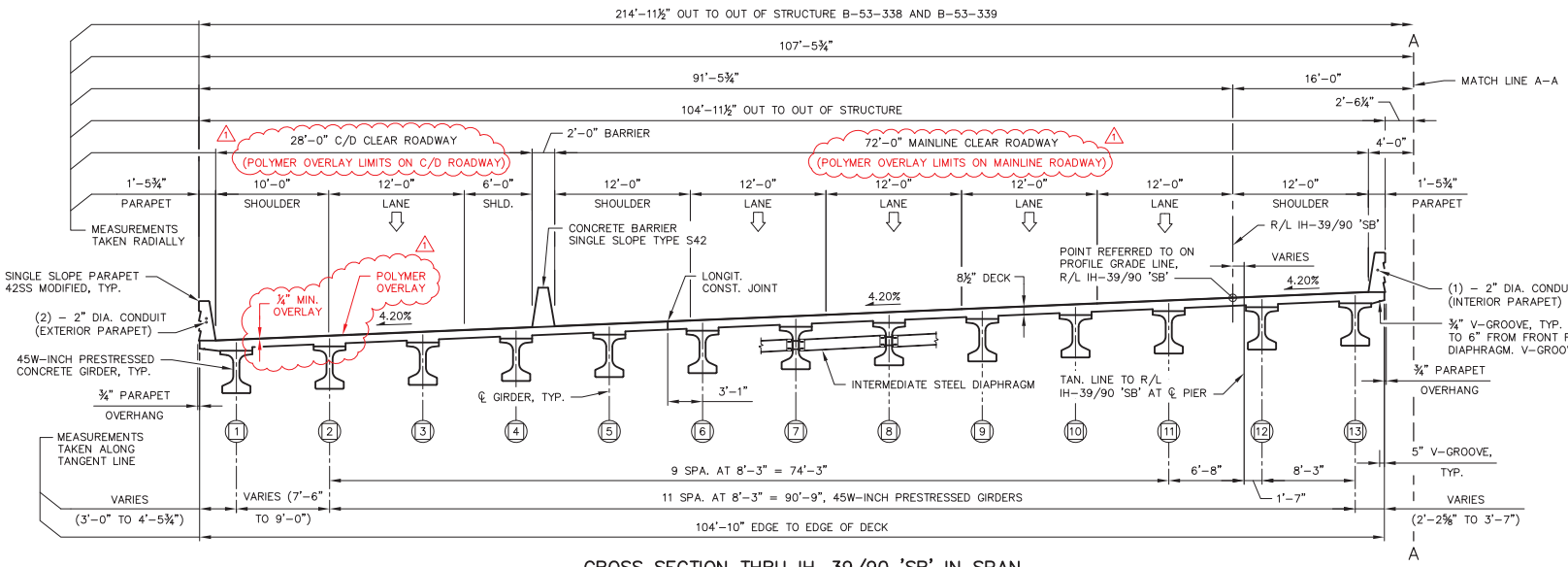
I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER

1005-10-77

B-53-338

Addendum No. 1
ID 1005-10-77
Revised Sheet 2336
November 28, 2018

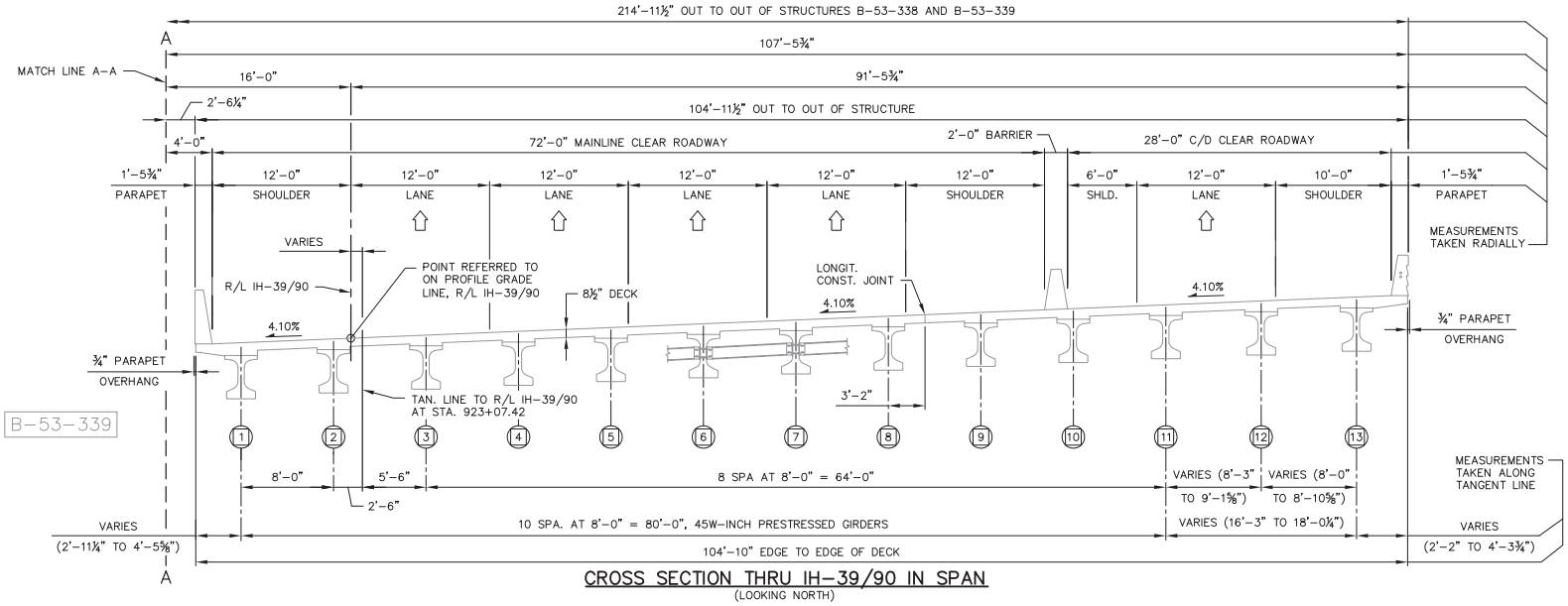


CROSS SECTION THRU IH-39/90 'SB' IN SPAN

(LOOKING NORTH)

NOTE

INDICATES GIRDER LINE DESIGNATION



CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

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11/20/2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-338

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION IN SPAN

SHEET 4 OF 39

2336

8

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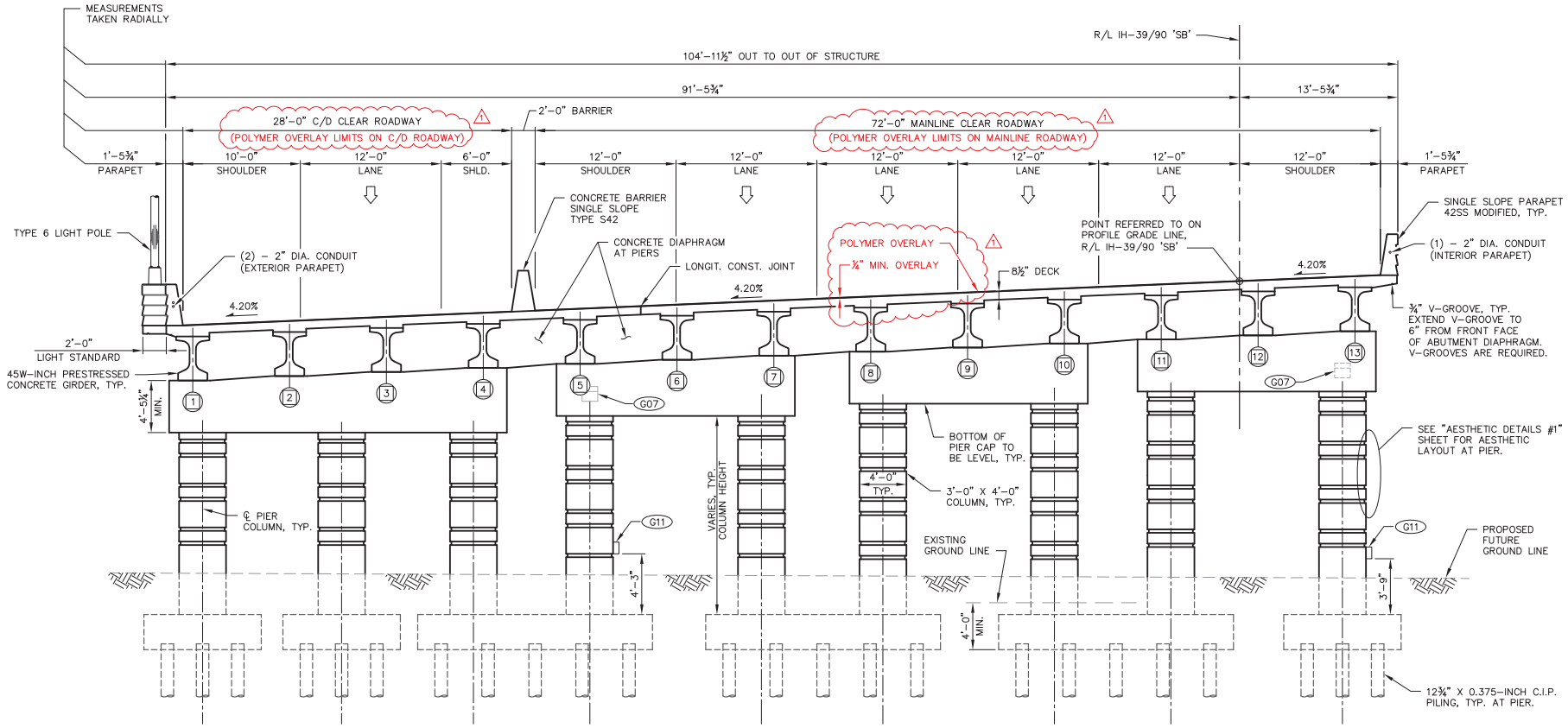
FILE: 04-05-B530338_crs.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER

1005-10-77



CROSS SECTION THRU IH-39/90 'SB' AT PIER

(LOOKING NORTH)

Addendum No. 1
ID 1005-10-77
Revised Sheet 2337
November 28, 2018

NOTES

- INDICATES GIRDER LINE DESIGNATION
- G07 UNDERDECK LIGHTING LOCATED ON PIER CAP. SEE ROADWAY PLANS FOR LOCATIONS AND DETAILS.
- G11 MOUNT JUNCTION BOXES FOR UNDERDECK LIGHTING TO THE SIDE OF PIER COLUMNS. SEE "PIER" SHEET FOR DETAILS.

WISCONSIN
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PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

William C. Dreher SDR
11/21/18

NO.	DATE	REVISION	BY
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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-338

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION AT PIER

SHEET 5 OF 39

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FILE: 04-05-B530338_crs.dwg
PLOT SCALE:

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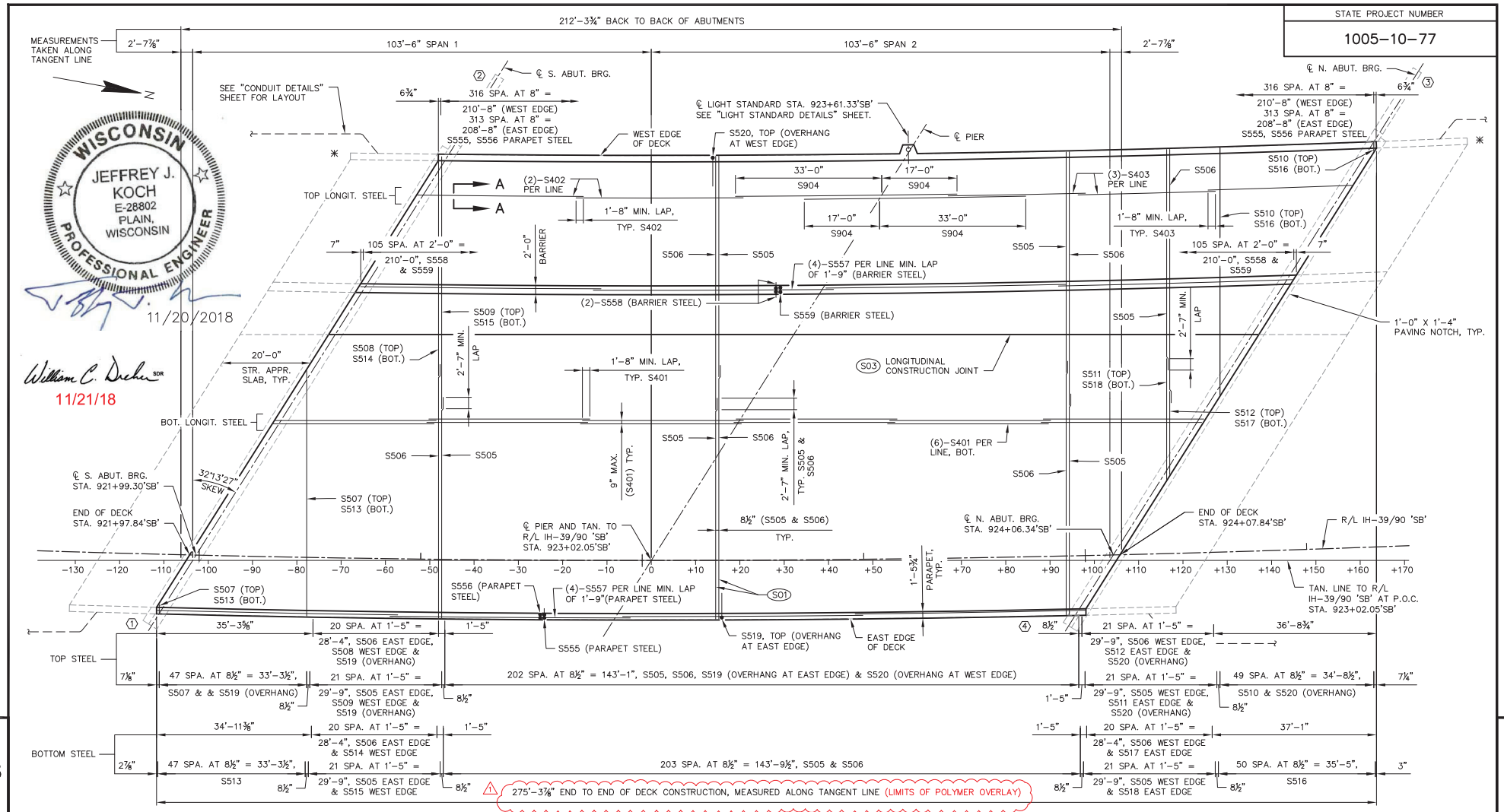
I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER
1005-10-77



DECK PLAN SHOWING BAR REINFORCEMENT

NOTES

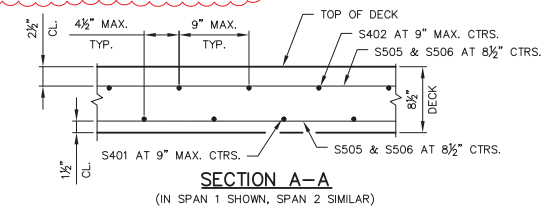
(S01) ALTERNATE BETWEEN S505 & S506 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

(S03) ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

⬡ INDICATES WING NUMBER

✳ ANCHOR ASSEMBLY FOR STEEL PLATE BEAM GUARD

POLYMER OVERLAY TO EXTEND FROM END OF DECK TO END OF DECK ONLY. POLYMER OVERLAY NOT TO BE PLACED ON STRUCTURAL APPROACH SLABS. (1)



SECTION A-A

(IN SPAN 1 SHOWN, SPAN 2 SIMILAR)

Addendum No. 1
ID 1005-10-77
Revised Sheet 2354
November 28, 2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-338

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE PLAN

SHEET 22 OF 39

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WISCONSIN PROFESSIONAL ENGINEER JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN

11/20/2018

William C. Dreher SDR
11/21/18

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FILE: 22-28-B530338_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER

1005-10-77

TOP OF DECK ELEVATIONS

SPAN 1											
	℄ S. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	℄ PIER
WEST DECK EDGE	906.30	906.36	906.43	906.49	906.56	906.61	906.67	906.73	906.78	906.83	906.88
GIRDER 1	906.36	906.42	906.49	906.55	906.61	906.67	906.73	906.79	906.84	906.90	906.95
GIRDER 2	906.64	906.71	906.78	906.83	906.89	906.96	907.01	907.07	907.14	907.19	907.24
GIRDER 3	906.96	907.03	907.08	907.15	907.21	907.28	907.34	907.39	907.45	907.50	907.56
GIRDER 4	907.27	907.34	907.40	907.47	907.53	907.59	907.65	907.70	907.77	907.83	907.88
GIRDER 5	907.59	907.66	907.72	907.78	907.84	907.90	907.97	908.02	908.08	908.14	908.20
LONG. CONST. JT.	907.78	907.86	907.92	907.98	908.04	908.10	908.17	908.23	908.28	908.34	908.40
GIRDER 6	907.90	907.97	908.03	908.10	908.16	908.22	908.28	908.35	908.40	908.46	908.51
GIRDER 7	908.22	908.29	908.35	908.41	908.48	908.54	908.60	908.66	908.71	908.78	908.84
GIRDER 8	908.53	908.60	908.66	908.72	908.79	908.86	908.91	908.97	909.03	909.09	909.15
GIRDER 9	908.85	908.92	908.98	909.04	909.11	909.17	909.23	909.29	909.35	909.41	909.47
GIRDER 10	909.17	909.23	909.29	909.36	909.43	909.48	909.55	909.61	909.66	909.72	909.78
GIRDER 11	909.48	909.55	909.61	909.67	909.74	909.80	909.87	909.92	909.98	910.04	910.10
GIRDER 12	909.79	909.86	909.92	909.99	910.06	910.12	910.18	910.24	910.30	910.36	910.42
GIRDER 13	910.10	910.17	910.24	910.30	910.37	910.43	910.49	910.56	910.62	910.67	910.73
EAST DECK EDGE	910.12	910.20	910.28	910.35	910.42	910.49	910.56	910.62	910.69	910.75	910.81

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

SPAN 2											
	℄ PIER	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	℄ N. ABUT. BRG.
WEST DECK EDGE	906.88	906.93	906.98	907.02	907.07	907.11	907.15	907.18	907.22	907.25	907.28
GIRDER 1	906.95	907.00	907.05	907.09	907.15	907.19	907.24	907.27	907.32	907.36	907.40
GIRDER 2	907.24	907.30	907.36	907.40	907.46	907.51	907.56	907.61	907.66	907.70	907.75
GIRDER 3	907.56	907.61	907.67	907.73	907.77	907.83	907.88	907.93	907.98	908.02	908.08
GIRDER 4	907.88	907.94	907.99	908.05	908.10	908.15	908.20	908.25	908.30	908.35	908.40
GIRDER 5	908.20	908.25	908.31	908.36	908.42	908.47	908.52	908.57	908.62	908.67	908.71
LONG. CONST. JT.	908.40	908.46	908.51	908.57	908.61	908.67	908.72	908.77	908.82	908.87	908.92
GIRDER 6	908.51	908.58	908.63	908.69	908.73	908.79	908.84	908.89	908.94	908.99	909.03
GIRDER 7	908.84	908.89	908.94	909.00	909.06	909.11	909.16	909.21	909.26	909.31	909.36
GIRDER 8	909.15	909.20	909.27	909.32	909.38	909.43	909.48	909.53	909.58	909.63	909.68
GIRDER 9	909.47	909.53	909.58	909.64	909.69	909.75	909.80	909.85	909.90	909.95	910.00
GIRDER 10	909.78	909.85	909.90	909.96	910.02	910.06	910.12	910.18	910.22	910.27	910.32
GIRDER 11	910.10	910.16	910.22	910.28	910.33	910.38	910.44	910.49	910.55	910.60	910.65
GIRDER 12	910.42	910.48	910.54	910.59	910.64	910.70	910.75	910.81	910.86	910.92	910.97
GIRDER 13	910.73	910.79	910.85	910.92	910.97	911.02	911.08	911.13	911.18	911.24	911.29
EAST DECK EDGE	910.81	910.87	910.93	910.98	911.04	911.09	911.14	911.19	911.23	911.28	911.32

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

WEST DECK EDGE

1/10 POINTS	STA. ON R/L IH-39/90 'SB'	DISTANCE ALONG TANGENT LINE	OFFSET ALONG TANGENT LINE (LEFT)	EDGE OF DECK ELEVATION
℄ S. ABUT. BRG.	922+55.35'SB'	-45.72	91.66	906.30
0.1	922+65.93'SB'	-35.37	91.56	906.36
0.2	922+76.51'SB'	-25.01	91.49	906.43
0.3	922+87.09'SB'	-14.56	91.44	906.49
0.4	922+97.67'SB'	-4.29	91.42	906.56
0.5	923+08.25'SB'	6.07	91.42	906.61
0.6	923+18.83'SB'	16.43	91.45	906.67
0.7	923+29.41'SB'	26.79	91.50	906.73
0.8	923+39.99'SB'	37.15	91.58	906.78
0.9	923+50.57'SB'	47.51	91.68	906.83
℄ PIER	923+61.15'SB'	57.87	91.81	906.88
1.1	923+71.89'SB'	68.39	91.96	906.93
1.2	923+82.64'SB'	78.91	92.14	906.98
1.3	923+93.39'SB'	89.43	92.35	907.02
1.4	924+04.14'SB'	99.96	92.58	907.07
1.5	924+14.89'SB'	110.48	92.84	907.11
1.6	924+25.63'SB'	121.00	93.12	907.15
1.7	924+36.38'SB'	131.52	93.43	907.18
1.8	924+47.13'SB'	142.04	93.76	907.22
1.9	924+57.88'SB'	152.55	94.12	907.25
℄ N. ABUT. BRG.	924+68.62'SB'	163.07	94.51	907.28

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

EAST DECK EDGE

1/10 POINTS	STA. ON R/L IH-39/90 'SB'	DISTANCE ALONG TANGENT LINE	OFFSET ALONG TANGENT LINE (RIGHT)	EDGE OF DECK ELEVATION
℄ S. ABUT. BRG.	921+91.30'SB'	-111.07	12.02	910.12
0.1	922+01.53'SB'	-100.81	12.26	910.20
0.2	922+11.76'SB'	-90.55	12.49	910.28
0.3	922+22.00'SB'	-80.29	12.69	910.35
0.4	922+32.23'SB'	-70.03	12.86	910.42
0.5	922+42.46'SB'	-59.77	13.01	910.49
0.6	922+52.69'SB'	-49.50	13.14	910.56
0.7	922+62.93'SB'	-39.24	13.24	910.62
0.8	922+73.16'SB'	-28.98	13.32	910.69
0.9	922+83.39'SB'	-18.72	13.38	910.75
℄ PIER	922+93.62'SB'	-8.45	13.41	910.81
1.1	923+04.01'SB'	1.96	13.42	910.87
1.2	923+14.39'SB'	12.38	13.40	910.93
1.3	923+24.77'SB'	22.80	13.36	910.98
1.4	923+35.16'SB'	33.21	13.29	911.04
1.5	923+45.54'SB'	43.63	13.20	911.09
1.6	923+55.93'SB'	54.04	13.09	911.14
1.7	923+66.31'SB'	64.46	12.95	911.19
1.8	923+76.69'SB'	74.87	12.78	911.23
1.9	923+87.08'SB'	85.28	12.59	911.28
℄ N. ABUT. BRG.	923+97.46'SB'	95.70	12.38	911.32

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

Addendum No. 1
ID 1005-10-77
Revised Sheet 2355
November 28, 2018

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

William C. Dreher SDR
11/21/18

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-338

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE LAYOUT

SHEET 23 OF 39

2355

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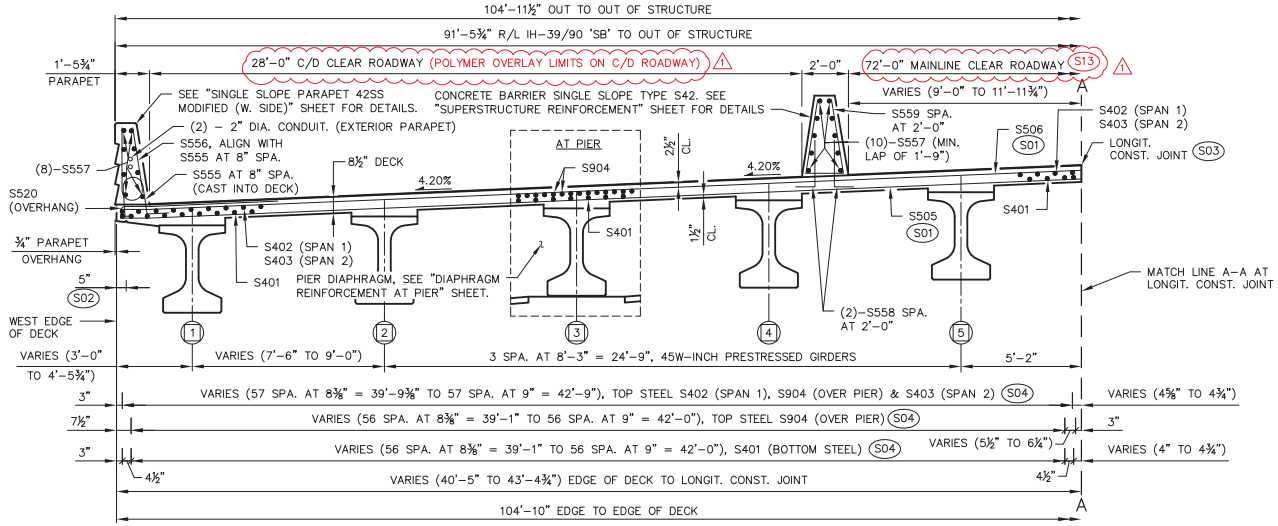
FILE: 22-28-B530338_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER
1005-10-77



PARTIAL CROSS SECTION THRU IH-39/90 'SB' IN SPAN
(LOOKING NORTH)

NOTES

S01 ALTERNATE BETWEEN S505 & S506 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

S02 ¾" V-GROOVE, TYP. EXTEND V-GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM. V-GROOVES ARE REQUIRED.

S03 ROUTE OUT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOCITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

S04 FLARE S401, S402, S403 & S904 TO MATCH EDGE OF BRIDGE DECK.

INDICATES GIRDER LINE DESIGNATION

1 S13 72'-0" POLYMER OVERLAY LIMITS ON MAINLINE ROADWAY

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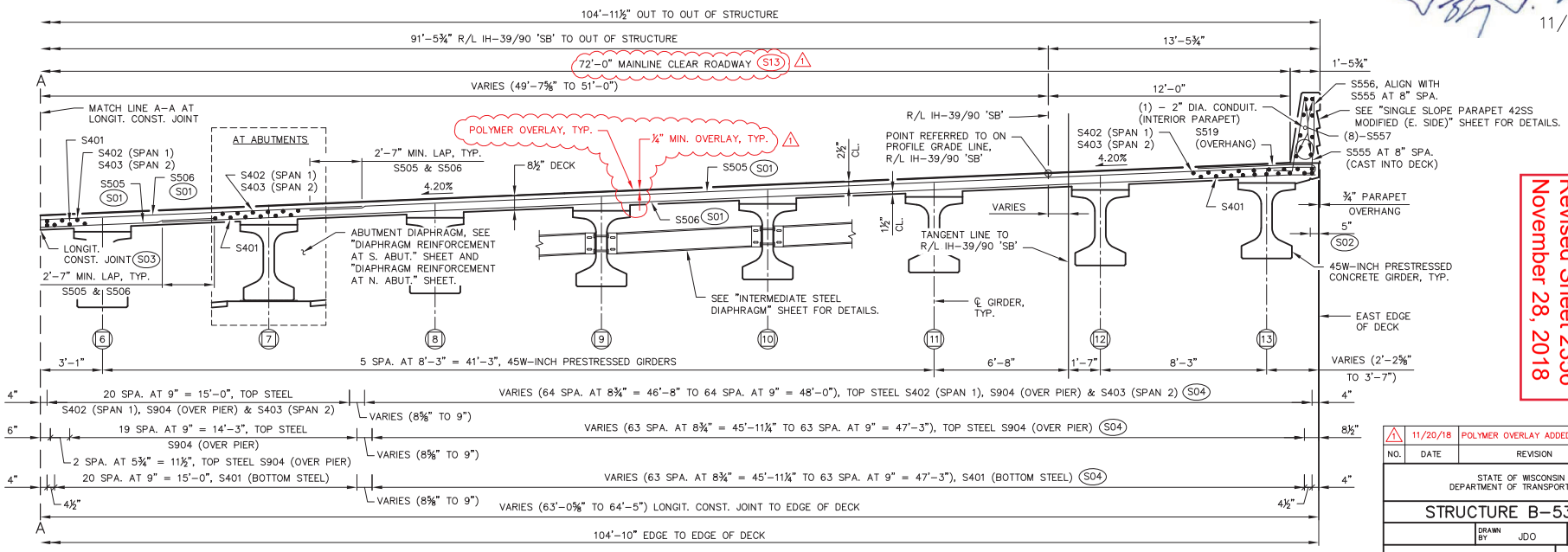
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018



PARTIAL CROSS SECTION THRU IH-39/90 'SB' IN SPAN
(LOOKING NORTH)

Addendum No. 1
ID 1005-10-77
Revised Sheet 2356
November 28, 2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-338

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE TYPICAL SECTION

SHEET 24 OF 39

2356

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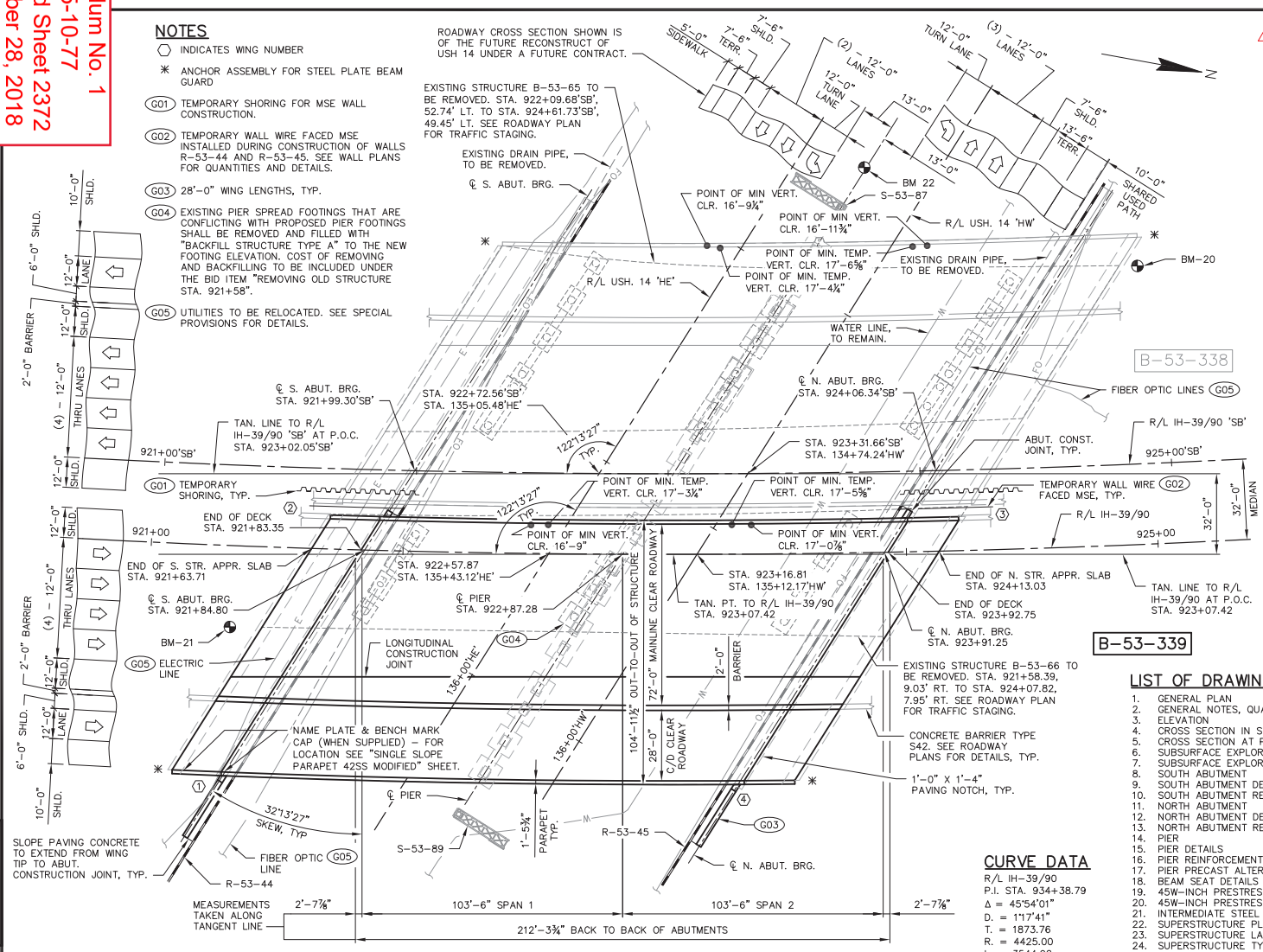
FILE: 22-28-B530338_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2372
November 28, 2018

NOTES

- ⬡ INDICATES WING NUMBER
- ✳ ANCHOR ASSEMBLY FOR STEEL PLATE BEAM GUARD
- (G01) TEMPORARY SHORING FOR MSE WALL CONSTRUCTION.
- (G02) TEMPORARY WALL WIRE FACED MSE INSTALLED DURING CONSTRUCTION OF WALLS R-53-44 AND R-53-45. SEE WALL PLANS FOR QUANTITIES AND DETAILS.
- (G03) 28'-0" WING LENGTHS, TYP.
- (G04) EXISTING PIER SPREAD FOOTINGS THAT ARE CONFLICTING WITH PROPOSED PIER FOOTINGS SHALL BE REMOVED AND FILLED WITH "BACKFILL STRUCTURE TYPE A" TO THE NEW FOOTING ELEVATION. COST OF REMOVING AND BACKFILLING TO BE INCLUDED UNDER THE BID ITEM "REMOVING OLD STRUCTURE STA. 921+58".
- (G05) UTILITIES TO BE RELOCATED. SEE SPECIAL PROVISIONS FOR DETAILS.



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
20	924+89.77'SB'	WISDOT DISK TOP PARAPET NW QUAD B-53-65, 78.60' LT.	906.28
21	921+28.36'SB'	WISDOT DISK TOP PARAPET SE QUAD B-53-66, 64.34' RT.	906.28
22	923+80.03'SB'	SE BOLT LPM W/2 LIGHTS, 120.97' LT.	885.02

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

PLAN B-53-339

(TWO SPAN 45W-INCH PRESTRESSED CONCRETE GIRDERS)

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588-7866

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266-8489

TRAFFIC DATA:

IH-39/90
A.A.D.T. (2017) — 59,000
A.A.D.T. (2040) — 92,400
DESIGN SPEED — 70 M.P.H.

USH 14
A.A.D.T. (2017) — 28,800
A.A.D.T. (2040) — 38,650
DESIGN SPEED — 45 M.P.H.

CURVE DATA

R/L IH-39/90
P.I. STA. 934+38.79
Δ = 45°54'01"
D. = 1°17'41"
T. = 1873.76
R. = 4425.00
L. = 3544.92
P.C. STA. 915+65.03
P.T. STA. 951+09.95

DESIGN DATA

LIVE LOAD:

DESIGN LOADING — HL-93
INVENTORY RATING FACTOR — RF=1.28
OPERATING RATING FACTOR — RF=1.65
WISCONSIN STANDARD PERMIT VEHICLE RATING (WIS.-SPV): — 250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT. STRUCTURE IS RATED FOR A POLYMER OVERLAY OF 5 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY,
HPC DECK, PARAPET, BARRIER,
DIAPHRAGMS & STR. APPR. SLABS — $f'c$ = 4,000 P.S.I.
ALL OTHER (INCL. STR. APPR. SLAB FTGS.) — $f'c$ = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT — f_y = 60,000 P.S.I.
45W-INCH PRESTRESSED GIRDERS
CONCRETE MASONRY — $f'c$ = 8,000 P.S.I.
STRANDS - 0.6" DIAMETER WITH AN ULTIMATE TENSILE STRENGTH OF — f_u = 270,000 P.S.I.

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON 12¾" X 0.375" C.I.P. PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 30 FT. PILE LENGTHS AT THE SOUTH ABUTMENT AND 30 FT. PILE LENGTHS AT THE NORTH ABUTMENT.

PIER TO BE SUPPORTED ON 12¾" X 0.375" C.I.P. PILING DRIVEN TO A REQUIRED RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 20 FT. PILE LENGTHS.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES, QUANTITIES AND PROFILES
3. ELEVATION
4. CROSS SECTION IN SPAN
5. CROSS SECTION AT PIER
6. SUBSURFACE EXPLORATION #1
7. SUBSURFACE EXPLORATION #2
8. SOUTH ABUTMENT
9. SOUTH ABUTMENT DETAILS
10. SOUTH ABUTMENT REINFORCEMENT
11. NORTH ABUTMENT
12. NORTH ABUTMENT DETAILS
13. NORTH ABUTMENT REINFORCEMENT
14. PIER
15. PIER DETAILS
16. PIER REINFORCEMENT
17. PIER PRECAST ALTERNATE
18. BEAM SEAT DETAILS
19. 45W-INCH PRESTRESSED GIRDER
20. 45W-INCH PRESTRESSED GIRDER DETAILS
21. INTERMEDIATE STEEL DIAPHRAGM
22. SUPERSTRUCTURE PLAN
23. SUPERSTRUCTURE LAYOUT
24. SUPERSTRUCTURE TYPICAL SECTION
25. DIAPHRAGM REINFORCEMENT AT PIER
26. DIAPHRAGM REINFORCEMENT AT S. ABUT.
27. DIAPHRAGM REINFORCEMENT AT N. ABUT.
28. SUPERSTRUCTURE REINFORCEMENT
29. SINGLE SLOPE PARAPET 56SS
30. SINGLE SLOPE PARAPET 42SS MODIFIED
31. CONDUIT DETAILS
32. SOUTH STRUCTURAL APPROACH SLAB
33. SOUTH STRUCTURAL APPROACH SLAB DETAILS
34. NORTH STRUCTURAL APPROACH SLAB
35. NORTH STRUCTURAL APPROACH SLAB DETAILS
36. ALTERNATE CONSTRUCTION JOINT
37. AESTHETIC DETAILS #1
38. AESTHETIC DETAILS #2

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-53-339

IH-39/90 OVER USH 14

COUNTY: ROCK — TOWN/CITY/VILLAGE: JANESVILLE
DESIGN SPEC.: AASHTO LRFD DESIGN SPEC.
DESIGNED BY: JDO — DESIGN CK'D.: CDS — DRAWN BY: JDO — PLANS CK'D.: JJK

GENERAL PLAN

SHEET 1 OF 38
2372

STATE PROJECT NUMBER
1005-10-77

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FILE: 01&03-B530339_fsh.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2373
November 28, 2018

STATE PROJECT NUMBER
1005-10-77

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	S. STR. APPR. SLAB	S. ABUT.	PIER	N. ABUT.	N. STR. APPR. SLAB	SUPER.	TOTALS
203.0200.002	REMOVING OLD STRUCTURE STA. 921+58	LS	---	---	---	---	---	---	1
203.0225.S.002	DEBRIS CONTAINMENT STRUCTURE B-53-66	LS	---	---	---	---	---	---	1
206.1000.002	EXCAVATION FOR STRUCTURES BRIDGES B-53-339	LS	---	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	620	---	650	---	---	1270
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	330	---	---	---	340	---	670
501.1000.S	ICE HOT WEATHER CONCRETING	LB	1100	990	1810	1040	1140	6950	13030
502.0100	CONCRETE MASONRY BRIDGES	CY	34	131	241	138	35	---	579
502.3200	PROTECTIVE SURFACE TREATMENT	SY	218	---	---	---	225	2383	2826
502.3210	PIGMENTED SURFACE SEALER	SY	39	---	---	---	41	414	494
503.0146	PRESTRESSED GIRDER TYPE I 45W-INCH	LF	---	---	---	---	---	2700	2700
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	10970	7790	11390	---	---	30150
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	24530	2380	36360	2490	25480	181450	272690
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	---	---	---	3970	3970
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	13	26	13	---	---	52
506.4000.002	STEEL DIAPHRAGMS B-53-339	EACH	---	---	---	---	---	48	48
509.5100.S	POLYMER OVERLAY	SY	---	---	---	---	---	2319	2319
511.1200.001	TEMPORARY SHORING B-53-339	SF	---	370	---	360	---	---	730
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	29	---	29	---	2	60
517.1010.S.002	CONCRETE STAINING B-53-339	SF	170	1157	3409	1220	175	5631	11762
517.1050.S.002	ARCHITECTURAL SURFACE TREATMENT B-53-339	SF	---	777	---	790	---	---	1567
550.2126	PILING CIP CONCRETE 12 3/4 X 0.375-INCH	LF	---	720	1380	720	---	---	2820
604.0400	SLOPE PAVING CONCRETE	SY	---	42	---	43	---	---	85
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	155	---	160	---	---	315
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	1	---	---	---	1	---	2
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	133	---	137	---	---	270
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	15	---	---	---	15	---	30
652.0210	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH	LF	---	---	51	---	---	---	51
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	63	---	29	---	63	403	558
653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH	---	---	2	---	---	4	6
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	112	---	---	---	116	926	1154
SPV.0060.700	JUNCTION BOXES 4 X 4 X 4-INCH	EACH	---	---	3	---	---	---	3
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	1958	---	---	---	2021	---	3979
(NON-BID ITEM)	FILLER	SIZE	---	---	---	---	---	---	½" & ¾"

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL BETWEEN THE FRONT FACE OF THE ABUTMENTS AND RETAINING WALLS SHALL BE COVERED WITH CONCRETE SLOPE PAVING TO THE EXTENT SHOWN ON THE "GENERAL PLAN" SHEET AND ON THE ABUTMENT SHEETS. SEE PLANS FOR RETAINING WALLS R-53-44 AND R-53-45 FOR FURTHER DETAILS.

AT THE BACKFACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE TYPE A, BID ITEM 210.1500, IS CALCULATED BASED ON WBM STANDARD DETAIL 9.01 STRUCTURE BACKFILL LIMITS AND NOTES.

THE COST OF FURNISHING AND PLACING THE MSE BACKFILL OR SIZE 2 COARSE AGGREGATE UNDER THE SLOPE PAVING SHALL BE INCLUDED WITH THE BID ITEM "SLOPE PAVING CONCRETE".

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "45W-INCH PRESTRESSED GIRDER DETAILS" SHEET.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

THE CONTRACTOR MAY FURNISH A PRECAST PIER (CAP AND COLUMN ELEMENTS) IN LIEU OF THE CAST-IN-PLACE PIER WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST PIER SHALL CONFORM TO PRECAST DETAILS IN CHAPTER 7 STANDARDS OF THE CURRENT WISCONSIN DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST PIER SHALL BE BASED OFF THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES."

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE SUPERSTRUCTURE DECK AND STRUCTURAL APPROACH SLABS PER THE STANDARD SPECIFICATION. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE CONCRETE BARRIER AND TO THE PARAPETS PER THE STANDARD SPECIFICATION. SEE "ELEVATION" SHEET FOR PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER LIMITS.

RECESSES AND RELIEF ON THE BACK OF PARAPETS SHALL BE FORMED PER THE DETAILS SHOWN IN THE PLANS AND SHALL BE INCLUDED IN THE COST OF "HPC MASONRY STRUCTURES". RECESSES AND RELIEF ON THE PIER COLUMNS SHALL BE FORMED PER THE DETAILS SHOWN IN THE PLANS AND SHALL BE INCLUDED IN THE COST OF "CONCRETE MASONRY BRIDGES". FORMLINER ON THE ABUTMENTS AND WINGS SHALL BE PAID FOR UNDER THE BID ITEM "ARCHITECTURAL SURFACE TREATMENT B-53-339".

IF TOUCH UP STAINING IS REQUIRED AFTER INSTALLATION IS COMPLETE. ALL TOUCH UP STAINING IS TO BE DONE TO THE SATISFACTION OF THE FIELD ENGINEER AT NO ADDITIONAL COST.

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-339 WITH RETAINING WALLS R-53-44 AND R-53-45 AND WITH SIGN BRIDGES S-53-87 AND S-53-89 IN PROJECT 1005-10-87.

THE CONCRETE QUANTITIES FOR THE PARAPETS, BARRIER, SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS (EXCLUDING THE FOOTINGS), CONCRETE DIAPHRAGMS, AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HPC MASONRY STRUCTURES".

THE EXISTING STRUCTURE B-53-66 IS A FOUR SPAN STEEL GIRDER CONCRETE DECK STRUCTURE WITH AN OVERALL LENGTH OF 250'-0" AND A CLEAR ROADWAY WIDTH THAT VARIES FROM 44'-11" TO 51'-10". SUPERSTRUCTURE, PIERS AND ABUTMENTS SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS NOTED IN THESE PLANS. COMPLETELY REMOVE ALL EXISTING PILES LOCATED WITHIN THE RETAINING WALL REINFORCED SOIL ZONES DOWN TO THE BOTTOM OF THE "BACKFILL GRANULAR GRADE 1" LIMITS. SEE RETAINING WALLS R-53-44 & R-53-45 PLANS FOR LIMITS.

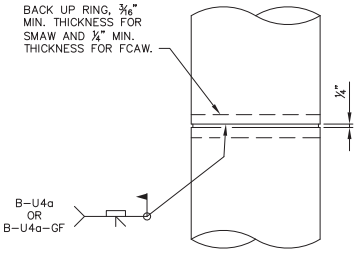
CONCRETE MASONRY REQUIRES A MINIMUM CURE TIME OF 28 DAYS BEFORE PLACING POLYMER OVERLAY.

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

ALL TOP OF CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY.

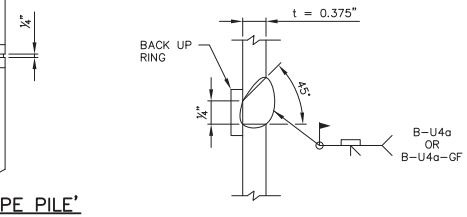
BRIDGE DECK SHALL BE TRANSVERSELY TINED ACCORDING TO THE STANDARD SPECIFICATION 502.3.7.8 (14).

BID ITEM SPV.0165.700 "LONGITUDINAL GROOVING BRIDGE DECK" SHALL ONLY BE APPLIED TO THE STRUCTURAL APPROACH SLABS. DO NOT APPLY "LONGITUDINAL GROOVING BRIDGE DECK" TO THE DECK OF THE BRIDGE.

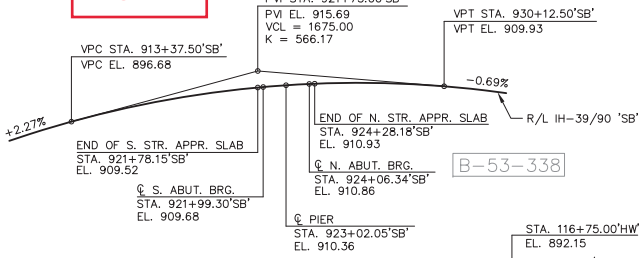


CAST-IN-PLACE 'PIPE PILE'

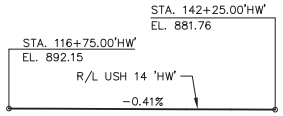
NOTE: CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION.



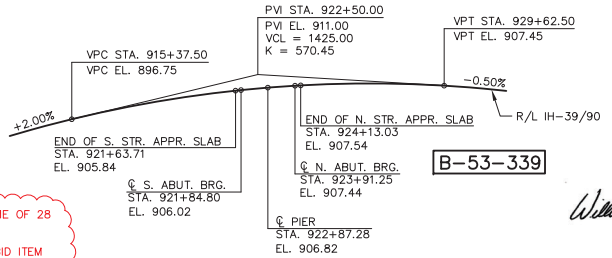
C.I.P. PILE WELD DETAIL



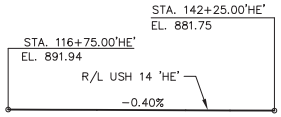
PROFILE GRADE LINE, R/L IH-39/90 'SB'



PROFILE GRADE LINE, R/L USH 14 'HW'



PROFILE GRADE LINE, R/L IH-39/90



PROFILE GRADE LINE, R/L USH 14 'HE'

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
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PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-339

DRAWN BY JDO | PLANS CK'D JJK

GENERAL NOTES, QUANTITIES AND PROFILES

SHEET 2 OF 38

2373

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FILE: 02-B530339_qnt.dwg
PLOT SCALE:

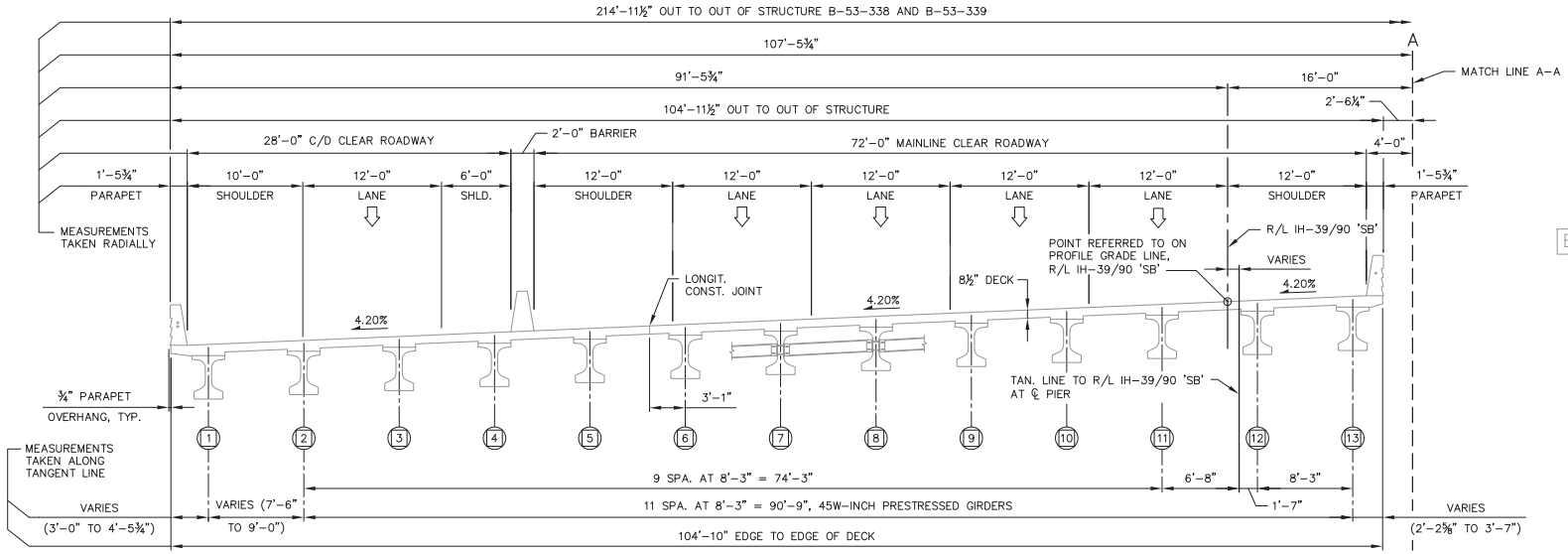
I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER

1005-10-77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2375
November 28, 2018

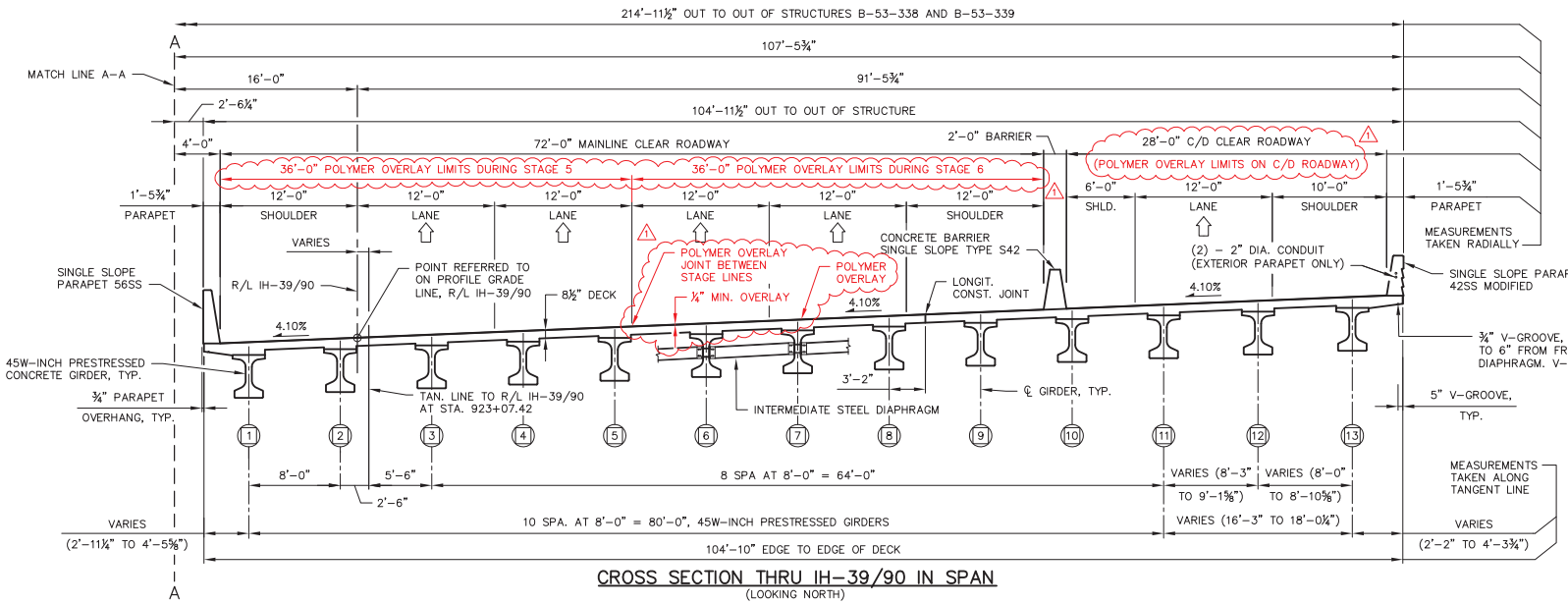
B-53-338



CROSS SECTION THRU IH-39/90 'SB' IN SPAN
(LOOKING NORTH)

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018



CROSS SECTION THRU IH-39/90 IN SPAN
(LOOKING NORTH)

William C. Dreher SDR
11/21/18

NOTE

INDICATES GIRDER LINE DESIGNATION

B-53-339

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-339

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION IN SPAN

SHEET 4 OF 38

2375

8

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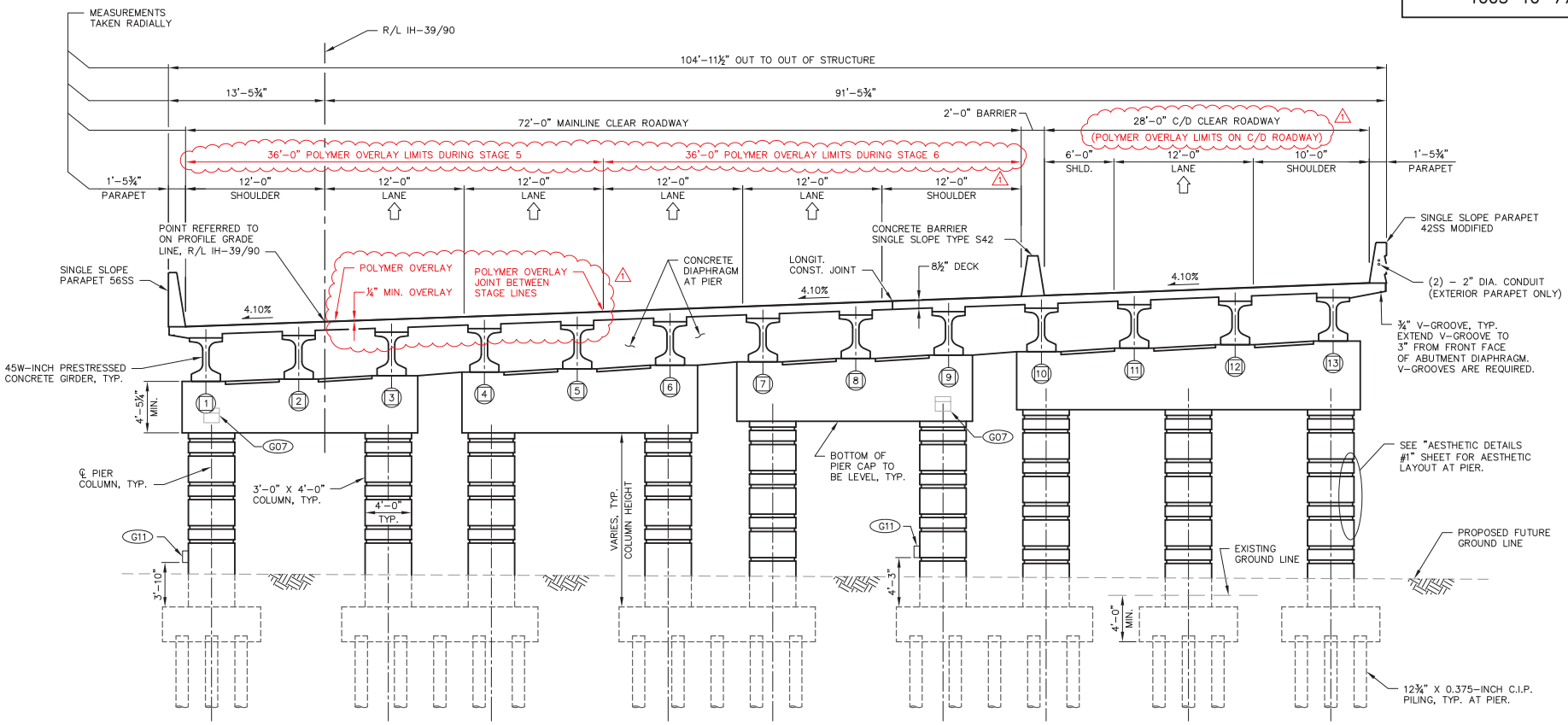
FILE: 04-05-B530339_crs.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

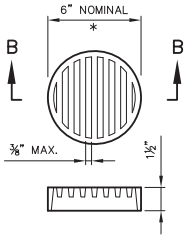
STATE PROJECT NUMBER

1005-10-77



CROSS SECTION THRU IH-39/90 AT PIER

(LOOKING NORTH)



SECTION B-B

RODENT SHIELD DETAIL

* DIMENSIONS ARE APPROXIMATE, THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SHIELD SO SLOTS ARE VERTICAL.

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE INCLUDED WITH THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

NOTES

- (1) INDICATES GIRDER LINE DESIGNATION
- (G07) UNDERDECK LIGHTING LOCATED ON PIER CAP. SEE ROADWAY PLANS FOR LOCATIONS AND DETAILS.
- (G11) MOUNT JUNCTION BOXES FOR UNDERDECK LIGHTING TO THE SIDE OF PIER COLUMNS. SEE "PIER" SHEET FOR DETAILS.

Addendum No. 1
ID 1005-10-77
Revised Sheet 2376
November 28, 2018

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

William C. Dreher SDR
11/21/18

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-339

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION AT PIER

SHEET 5 OF 38

2376

FILE: 04-05-B530339_crs.dwg
PLOT SCALE:

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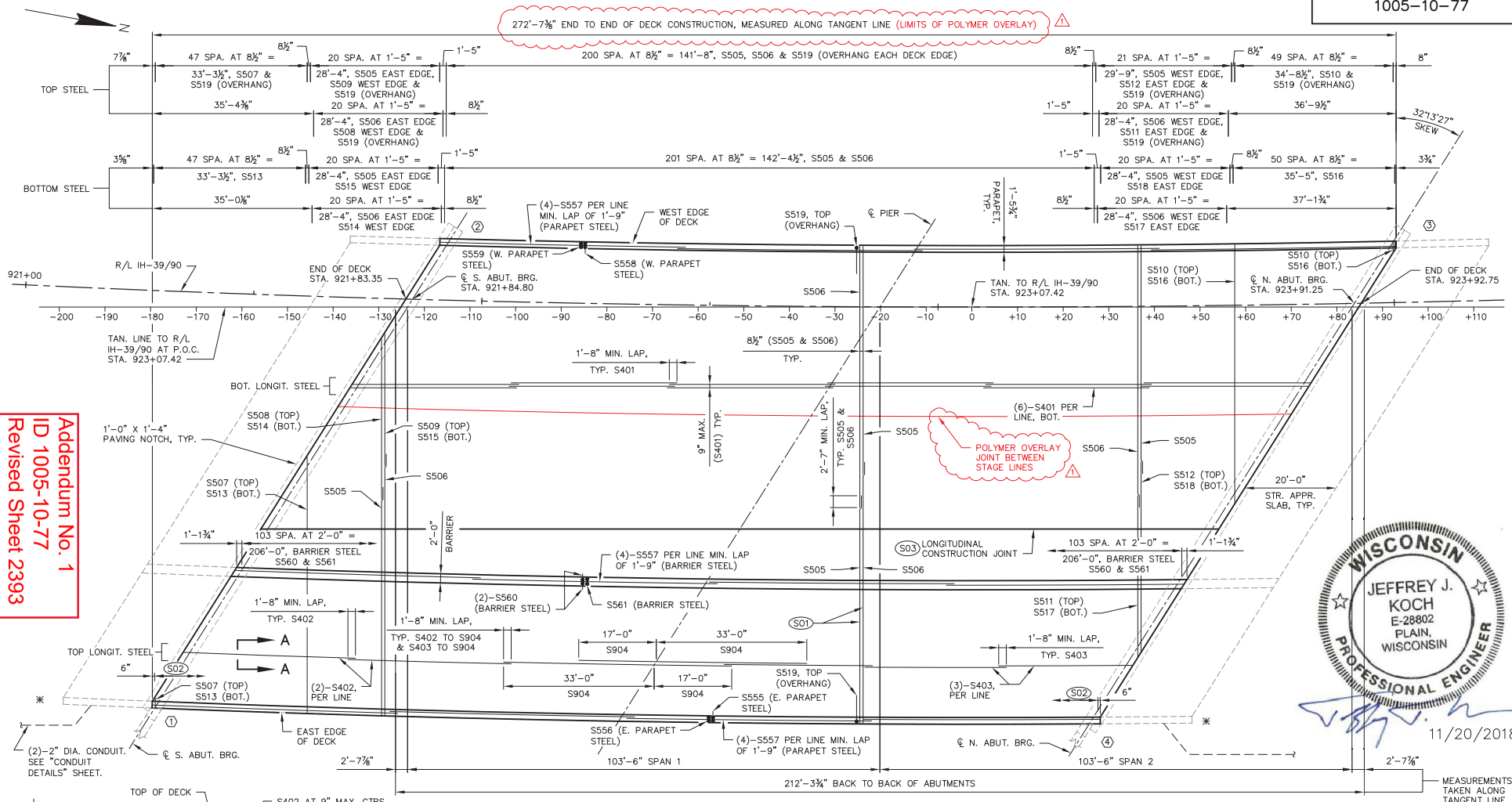
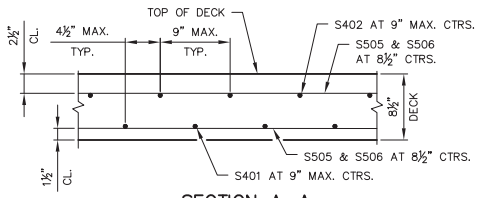
I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER

1005-10-77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2393
November 28, 2018





SECTION A–A

(IN SPAN 1 SHOWN, SPAN 2 SIMILAR)

DECK PLAN SHOWING BAR REINFORCEMENT

William C. Dreher SDR
11/21/18

NOTES

(S01) ALTERNATE BETWEEN S505 & S506 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

(S02) 310 SPA. AT 8" = 206'-8" (WEST EDGE) S555 & S556 PARAPET STEEL, 313 SPA. AT 8" = 208'-8" (EAST EDGE) S555 & S556 PARAPET STEEL.

(S03) ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

⬡ INDICATES WING NUMBER

✳ ANCHOR ASSEMBLY FOR STEEL PLATE BEAM GUARD

POLYMER OVERLAY TO EXTEND FROM END OF DECK TO END OF DECK ONLY. POLYMER OVERLAY NOT TO BE PLACED ON STRUCTURAL APPROACH SLABS.

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER
11/20/2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-339

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE PLAN

SHEET 22 OF 38

2393

FILE: 22-28-B530339_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

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Addendum No. 1
ID 1005-10-77
Revised Sheet 2394
November 28, 2018

STATE PROJECT NUMBER
1005–10–77

TOP OF DECK ELEVATIONS

SPAN 1											
	℄ S. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	℄ PIER
WEST DECK EDGE	905.60	905.69	905.77	905.86	905.94	906.02	906.09	906.17	906.24	906.31	906.38
GIRDER 1	905.70	905.78	905.85	905.93	906.01	906.08	906.15	906.22	906.29	906.36	906.43
GIRDER 2	906.00	906.08	906.15	906.23	906.30	906.37	906.44	906.52	906.58	906.66	906.73
GIRDER 3	906.29	906.36	906.44	906.52	906.59	906.66	906.74	906.81	906.88	906.95	907.02
GIRDER 4	906.57	906.65	906.73	906.81	906.88	906.95	907.04	907.10	907.17	907.25	907.32
GIRDER 5	906.87	906.95	907.02	907.10	907.17	907.26	907.33	907.40	907.47	907.54	907.61
GIRDER 6	907.16	907.24	907.32	907.40	907.47	907.55	907.62	907.69	907.77	907.83	907.91
GIRDER 7	907.46	907.53	907.61	907.69	907.76	907.84	907.91	907.98	908.06	908.13	908.20
GIRDER 8	907.74	907.83	907.91	907.98	908.05	908.13	908.20	908.27	908.35	908.42	908.50
LONG. CONST. JT.	907.86	907.94	908.02	908.10	908.17	908.24	908.32	908.40	908.47	908.54	908.61
GIRDER 9	908.04	908.11	908.19	908.27	908.35	908.42	908.49	908.57	908.65	908.71	908.79
GIRDER 10	908.33	908.41	908.48	908.56	908.64	908.72	908.79	908.87	908.94	909.01	909.08
GIRDER 11	908.62	908.70	908.78	908.85	908.93	909.01	909.08	909.16	909.23	909.30	909.38
GIRDER 12	908.92	909.00	909.09	909.16	909.24	909.31	909.39	909.48	909.55	909.62	909.70
GIRDER 13	909.21	909.30	909.38	909.45	909.53	909.62	909.70	909.77	909.86	909.93	910.01
EAST DECK EDGE	909.23	909.33	909.42	909.51	909.60	909.69	909.77	909.86	909.94	910.02	910.10

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

SPAN 2											
	℄ PIER	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	℄ N. ABUT. BRG.
WEST DECK EDGE	906.38	906.45	906.52	906.59	906.65	906.71	906.77	906.83	906.88	906.94	906.99
GIRDER 1	906.43	906.50	906.57	906.63	906.70	906.77	906.83	906.90	906.95	907.02	907.08
GIRDER 2	906.73	906.80	906.87	906.93	907.00	907.06	907.13	907.19	907.25	907.31	907.37
GIRDER 3	907.02	907.09	907.16	907.23	907.29	907.36	907.42	907.49	907.55	907.61	907.68
GIRDER 4	907.32	907.39	907.45	907.52	907.58	907.66	907.72	907.78	907.85	907.90	907.97
GIRDER 5	907.61	907.68	907.75	907.81	907.88	907.95	908.02	908.08	908.14	908.21	908.26
GIRDER 6	907.91	907.97	908.04	908.11	908.18	908.24	908.31	908.37	908.44	908.50	908.56
GIRDER 7	908.20	908.27	908.34	908.41	908.48	908.54	908.61	908.67	908.73	908.80	908.86
GIRDER 8	908.50	908.56	908.63	908.70	908.77	908.84	908.91	908.97	909.03	909.09	909.16
LONG. CONST. JT.	908.61	908.68	908.75	908.82	908.89	908.96	909.02	909.09	909.15	909.21	909.28
GIRDER 9	908.79	908.86	908.93	909.00	909.06	909.13	909.19	909.27	909.33	909.39	909.45
GIRDER 10	909.08	909.15	909.22	909.30	909.36	909.43	909.49	909.56	909.62	909.69	909.75
GIRDER 11	909.38	909.44	909.52	909.58	909.65	909.72	909.79	909.86	909.92	909.98	910.05
GIRDER 12	909.70	909.76	909.84	909.91	909.99	910.06	910.12	910.19	910.25	910.32	910.39
GIRDER 13	910.01	910.08	910.15	910.23	910.30	910.37	910.44	910.51	910.58	910.65	910.72
EAST DECK EDGE	910.10	910.18	910.25	910.33	910.40	910.47	910.54	910.61	910.67	910.74	910.80

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

WEST DECK EDGE

X/10 POINTS	STA. ON R/L IH–39/90	DISTANCE ALONG TANGENT LINE	OFFSET ALONG TANGENT LINE (LEFT)	EDGE OF DECK ELEVATION
℄ S. ABUT. BRG.	921+92.78	–114.67	14.90	905.60
0.1	922+03.07	–104.37	14.65	905.69
0.2	922+13.36	–94.08	14.42	905.77
0.3	922+23.65	–83.78	14.21	905.86
0.4	922+33.94	–73.49	14.03	905.94
0.5	922+44.23	–63.20	13.87	906.02
0.6	922+54.52	–52.90	13.73	906.09
0.7	922+64.81	–42.61	13.62	906.17
0.8	922+75.10	–32.32	13.53	906.24
0.9	922+85.39	–22.03	13.47	906.31
℄ PIER	922+95.68	–11.74	13.43	906.38
1.1	923+06.12	–1.30	13.42	906.45
1.2	923+16.56	9.14	13.43	906.52
1.3	923+27.01	19.59	13.46	906.59
1.4	923+37.45	30.03	13.52	906.65
1.5	923+47.89	40.47	13.60	906.71
1.6	923+58.33	50.91	13.71	906.77
1.7	923+68.78	61.36	13.84	906.83
1.8	923+79.22	71.80	14.00	906.88
1.9	923+89.66	82.25	14.18	906.94
℄ N. ABUT. BRG.	924+00.10	92.70	14.39	906.99

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

EAST DECK EDGE

X/10 POINTS	STA. ON R/L IH–39/90	DISTANCE ALONG TANGENT LINE	OFFSET ALONG TANGENT LINE (RIGHT)	EDGE OF DECK ELEVATION
℄ S. ABUT. BRG.	921+31.94	–175.57	87.94	909.23
0.1	921+41.91	–165.59	88.32	909.33
0.2	921+51.88	–155.61	88.68	909.42
0.3	921+61.84	–145.63	89.02	909.51
0.4	921+71.81	–135.65	89.34	909.60
0.5	921+81.77	–125.68	89.63	909.69
0.6	921+91.74	–115.71	89.90	909.77
0.7	922+01.71	–105.73	90.15	909.86
0.8	922+11.67	–95.76	90.38	909.94
0.9	922+21.64	–85.79	90.59	910.02
℄ PIER	922+31.61	–75.82	90.77	910.10
1.1	922+41.71	–65.71	90.93	910.18
1.2	922+51.82	–55.61	91.07	910.25
1.3	922+61.92	–45.50	91.18	910.33
1.4	922+72.02	–35.40	91.28	910.40
1.5	922+82.13	–25.29	91.34	910.47
1.6	922+92.23	–15.19	91.39	910.54
1.7	923+02.34	–5.08	91.41	910.61
1.8	923+12.44	5.02	91.41	910.67
1.9	923+22.55	15.13	91.39	910.74
℄ N. ABUT. BRG.	923+32.65	25.23	91.34	910.80

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/20/2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–339

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE LAYOUT

SHEET 23 OF 38

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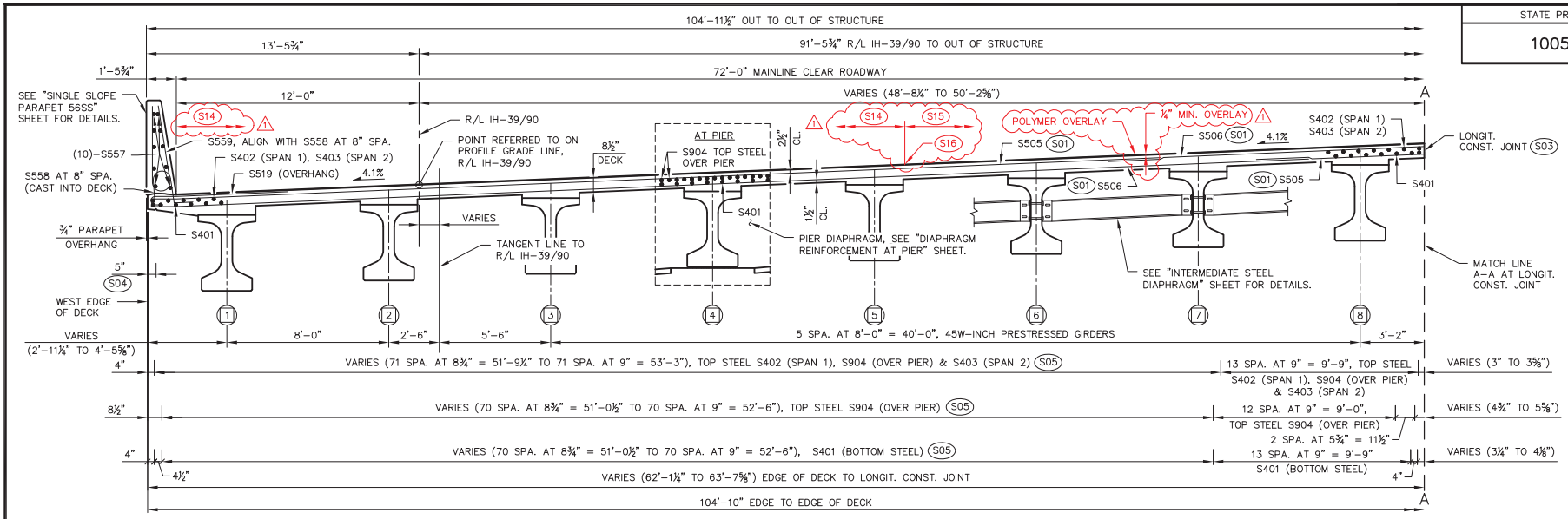
FILE: 22-28-B530339_super.dwg
PLOT SCALE:

I.D. 1005–10–77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER

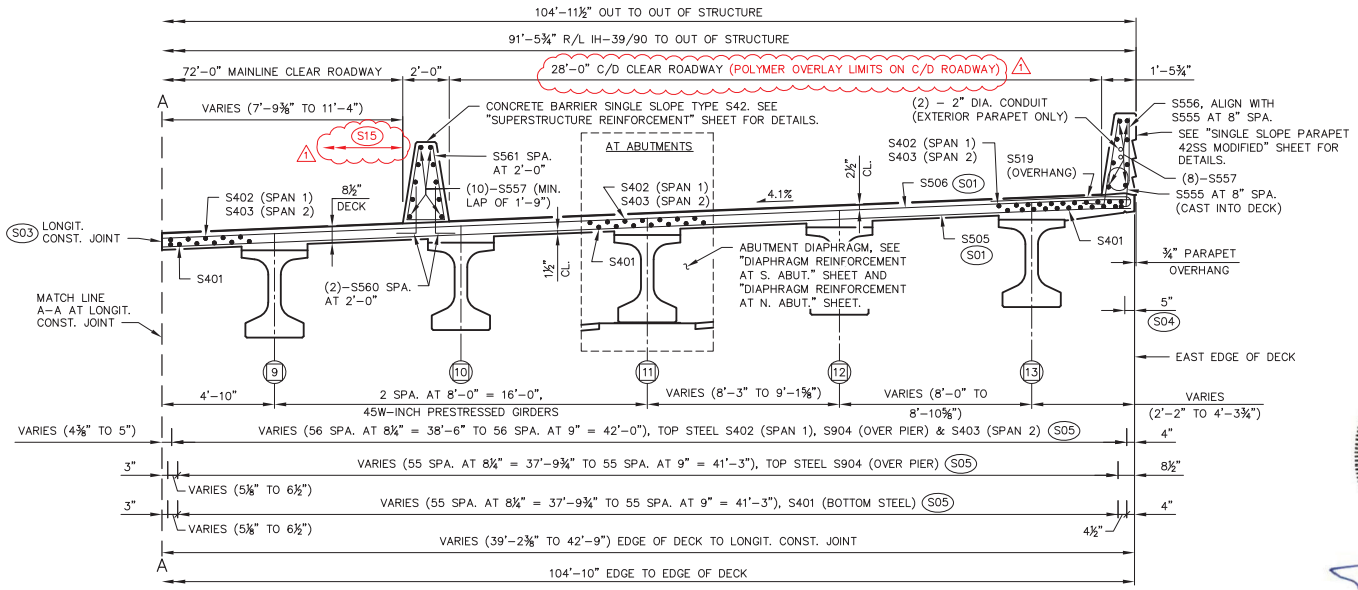
1005–10–77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2395
November 28, 2018



PARTIAL CROSS SECTION THRU IH–39/90 IN SPAN

(LOOKING NORTH)



PARTIAL CROSS SECTION THRU IH–39/90 IN SPAN

(LOOKING NORTH)

NOTES

S01 ALTERNATE BETWEEN S505 & S506 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

S03 ROUTE OUT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

S04 ¾" V–GROOVE, TYP. EXTEND V–GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM. V–GROOVES ARE REQUIRED.

S05 FLARE S401, S402, S403 & S904 TO MATCH EDGE OF BRIDGE DECK.

INDICATES GIRDER LINE DESIGNATION

S14 36'–0" POLYMER OVERLAY LIMITS DURING STAGE 5.

S15 36'–0" POLYMER OVERLAY LIMITS DURING STAGE 6.

S16 POLYMER OVERLAY JOINT BETWEEN STAGE LINES.

1

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

William C. Dreher SDR
11/21/18

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–339

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE TYPICAL SECTION

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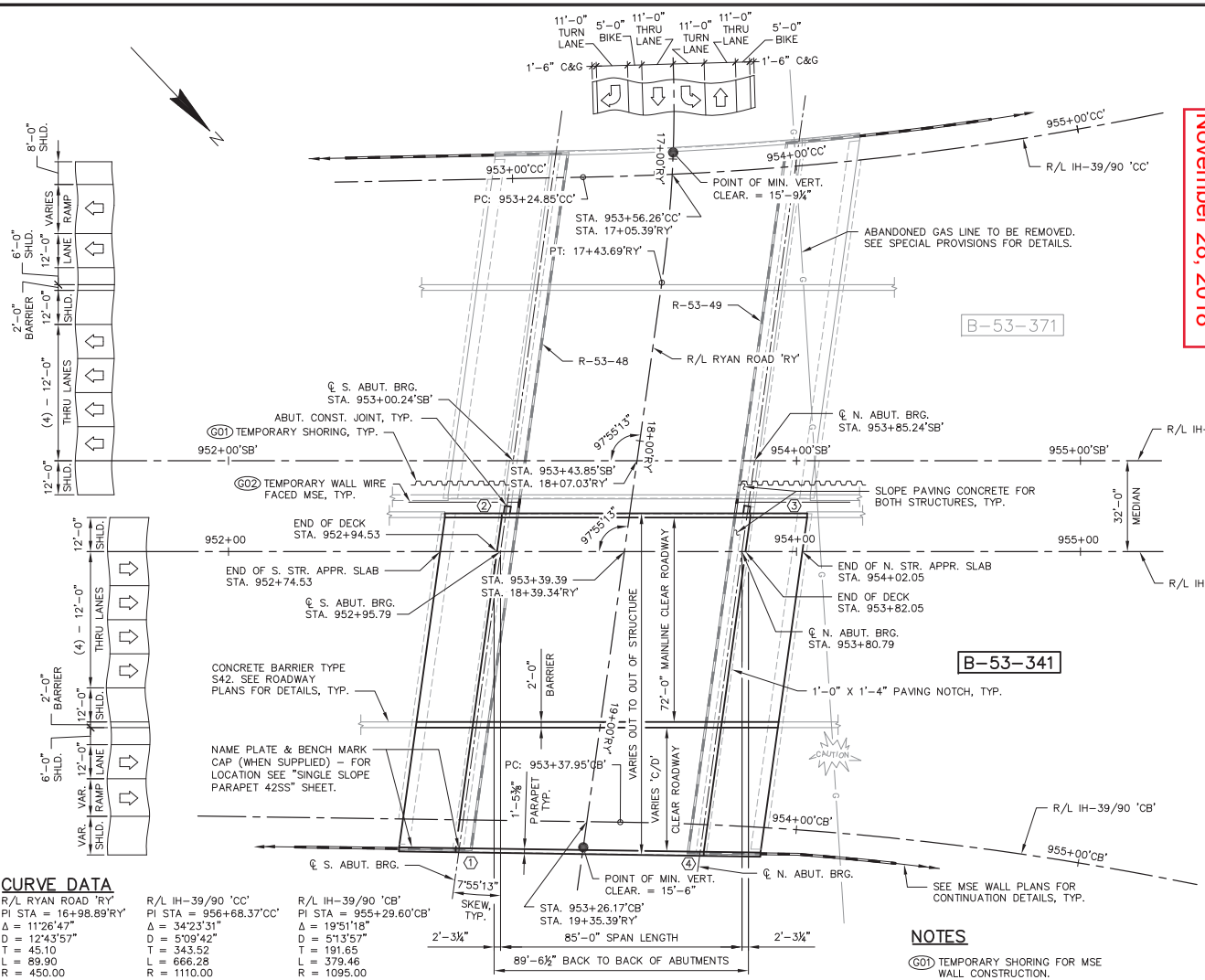
FILE: 22-28-B530339_super.dwg
PLOT SCALE:



PLAN B-53-341

(SINGLE SPAN 45W-INCH PRESTRESSED CONCRETE GIRDERS)

CURVE DATA

R/L RYAN ROAD 'RY'	R/L IH-39/90 'CC'	R/L IH-39/90 'CB'
PI STA = 16+98.89'RY'	PI STA = 956+68.37'CC'	PI STA = 955+29.60'CB'
Δ = 11°26'47"	Δ = 34°23'31"	Δ = 19°51'18"
D = 12°43'57"	D = 5°09'42"	D = 5°13'57"
T = 45.10	T = 343.52	T = 191.65
L = 89.90	L = 666.28	L = 379.46
R = 450.00	R = 1110.00	R = 1095.00
PC STA = 16+53.79'RY'	PC STA = 953+24.85'CC'	PC STA = 953+37.95'CB'
PT STA = 17+43.69'RY'	PT STA = 959+91.13'CC'	PT STA = 957+17.41'CB'

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
18	965+09.31'SB'	WISDOT DISK TOP PARAPET NW QUAD B-53-85, 86.42' LT.	923.67
19	964+57.25'SB'	CHIS SQ TOP PARAPET, 98.22' LT.	901.91

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

NOTES

G01 TEMPORARY SHORING FOR MSE WALL CONSTRUCTION.

G02 TEMPORARY WALL WIRE FACED MSE INSTALLED DURING CONSTRUCTION OF WALLS R-53-48 AND R-53-49. SEE WALL PLANS FOR QUANTITIES AND DETAILS.

⬡ INDICATES WING NUMBER

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588-7866

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266-8489

Addendum No. 1
ID 1005-10-77
Revised Sheet 2410
November 28, 2018

DESIGN DATA

LIVE LOAD:

DESIGN LOADING — HL-93
INVENTORY RATING FACTOR — RF=1.18
OPERATING RATING FACTOR — RF=1.53
WISCONSIN STANDARD PERMIT VEHICLE RATING (WIS.-SPV): — 250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT. STRUCTURE IS RATED FOR A POLYMER OVERLAY OF 5 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY,
HPC DECK, PARAPET, BARRIER, DIAPHRAGMS & STR. APPR. SLABS — $f'c$ = 4,000 P.S.I.
ALL OTHER (INCL. STR. APPR. SLAB FTGS.) — $f'c$ = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT — f_y = 60,000 P.S.I.
45W-INCH PRESTRESSED GIRDERS
CONCRETE MASONRY — $f'c$ = 8,000 P.S.I.
STRANDS - 0.6" DIAMETER WITH AN ULTIMATE TENSILE STRENGTH OF — f_u = 270,000 P.S.I.

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON 12¾" x 0.375-INCH C.I.P. PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 35 FT. PILE LENGTHS AT THE SOUTH ABUTMENT AND 35 FT. PILE LENGTHS AT THE NORTH ABUTMENT.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC DATA:

IH-39/90		RYAN ROAD	
A.A.D.T. (2017)	59,000	A.A.D.T. (2017)	N/A
A.A.D.T. (2040)	92,400	A.A.D.T. (2037)	5,450
DESIGN SPEED	70 M.P.H.	DESIGN SPEED	30 M.P.H.

William C. Dreher SDR
11/21/18

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER
11/21/2018

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES, QUANTITIES AND PROFILES
3. ELEVATION
4. CROSS SECTION
5. SUBSURFACE EXPLORATION #1
6. SUBSURFACE EXPLORATION #2
7. SOUTH ABUTMENT
8. SOUTH ABUTMENT DETAILS
9. SOUTH ABUTMENT REINFORCEMENT
10. NORTH ABUTMENT
11. NORTH ABUTMENT DETAILS
12. NORTH ABUTMENT REINFORCEMENT
13. BEAM SEAT DETAILS
14. 45W-INCH PRESTRESSED GIRDER
15. 45W-INCH PRESTRESSED GIRDER DETAILS
16. INTERMEDIATE STEEL DIAPHRAGM
17. SUPERSTRUCTURE PLAN
18. SUPERSTRUCTURE TYPICAL SECTION
19. DIAPHRAGM REINFORCEMENT AT SOUTH ABUTMENT
20. DIAPHRAGM REINFORCEMENT AT NORTH ABUTMENT
21. SUPERSTRUCTURE REINFORCEMENT
22. SINGLE SLOPE PARAPET 42SS
23. CONDUIT DETAILS
24. SOUTH STRUCTURAL APPROACH SLAB
25. SOUTH STRUCTURAL APPROACH SLAB DETAILS
26. NORTH STRUCTURAL APPROACH SLAB
27. NORTH STRUCTURAL APPROACH SLAB DETAILS
28. ALTERNATE CONSTRUCTION JOINT
29. AESTHETIC DETAILS

STATE PROJECT NUMBER
1005-10-77

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B-53-341

IH-39/90 OVER RYAN ROAD

COUNTY: ROCK | ~~TOWN~~/CITY/~~VILLAGE~~: JANESVILLE
DESIGN SPEC.: AASHTO LRFD DESIGN SPEC.
DESIGNED BY: JDO | DESIGN CK'D.: CDS | DRAWN BY: JDO | PLANS CK'D.: JJK

GENERAL PLAN

SHEET 1 OF 29

2410

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FILE: 01&03-B530341_fsh.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER
1005-10-77

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	S. STR. APPR. SLAB	S. ABUT.	N. ABUT.	N. STR. APPR. SLAB	SUPER.	TOTALS
206.1000.004	EXCAVATION FOR STRUCTURES BRIDGES B-53-341	LS	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	470	500	---	---	970
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	380	---	---	380	---	760
501.1000.S	ICE HOT WEATHER CONCRETING	LB	1200	810	850	1220	3740	7820
502.0100	CONCRETE MASONRY BRIDGES	CY	32	108	113	33	---	286
502.3200	PROTECTIVE SURFACE TREATMENT	SY	255	---	---	258	1183	1696
502.3210	PIGMENTED SURFACE SEALER	SY	38	---	---	38	163	239
503.0146	PRESTRESSED GIRDER TYPE I 45W-INCH	LF	---	---	---	---	946	946
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	8770	8870	---	---	17640
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	26500	160	160	26810	79950	133580
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	---	---	4970	4970
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	11	11	---	---	22
506.4000.004	STEEL DIAPHRAGMS B-53-341	EACH	---	---	---	---	20	20
509.5100.S	POLYMER OVERLAY	SY	---	---	---	---	1120	1120
511.1200.002	TEMPORARY SHORING B-53-341	SF	---	470	510	---	---	980
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	26	27	---	2	55
517.1010.S.004	CONCRETE STAINING B-53-341	SF	192	837	878	192	2281	4380
517.1050.S.004	ARCHITECTURAL SURFACE TREATMENT B-53-341	SF	---	615	650	---	---	1265
550.2126	PILING CIP CONCRETE 12 3/4 X 0.375-INCH	LF	---	700	700	---	---	1400
604.0400	SLOPE PAVING CONCRETE	SY	---	33	34	---	---	67
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	122	123	---	---	245
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	107	107	---	---	214
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	8	---	---	8	---	16
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	18	---	---	18	83	119
653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH	---	---	---	---	2	2
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	128	---	---	129	498	755
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	2287	---	---	2318	---	4605
(NON-BID ITEM)	FILLER	SIZE	---	---	---	---	---	½" & ¾"

William C. Dreher SDR
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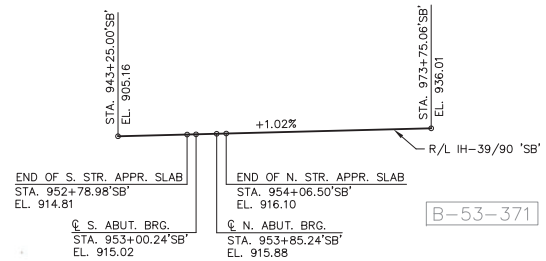
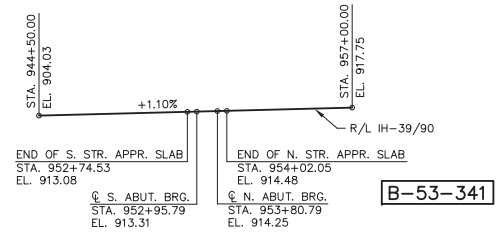
11/21/2018



PROFILE GRADE LINE, R/L IH-39/90 'SB'



PROFILE GRADE LINE, R/L IH-39/90

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL BETWEEN THE FRONT FACE OF THE ABUTMENTS AND RETAINING WALLS SHALL BE COVERED WITH CONCRETE SLOPE PAVING TO THE EXTENT SHOWN ON THE "GENERAL PLAN" SHEET AND ON THE ABUTMENT SHEETS. SEE PLANS FOR RETAINING WALLS R-53-48 AND R-53-49 FOR FURTHER DETAILS.

AT THE BACKFACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE TYPE A, BID ITEM 210.1500, IS CALCULATED BASED ON WBM STANDARD DETAIL 9.01 STRUCTURE BACKFILL LIMITS AND NOTES.

THE COST OF FURNISHING AND PLACING THE MSE BACKFILL OR SIZE 2 COARSE AGGREGATE UNDER THE SLOPE PAVING SHALL BE INCLUDED WITH THE BID ITEM "SLOPE PAVING CONCRETE".

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON "45W-INCH PRESTRESSED GIRDER DETAILS" SHEET.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE SUPERSTRUCTURE DECK AND STRUCTURAL APPROACH SLABS PER THE STANDARD SPECIFICATION. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE CONCRETE BARRIER AND PARAPETS PER THE STANDARD SPECIFICATION. SEE "ELEVATION" SHEET FOR PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER LIMITS.

FORMLINER ON THE FRONT FACE OF THE ABUTMENTS SHALL BE PAID FOR UNDER THE BID ITEM "ARCHITECTURAL SURFACE TREATMENT B-53-341".

IF TOUCH UP STAINING IS REQUIRED AFTER INSTALLATION IS COMPLETE, ALL TOUCH UP STAINING IS TO BE DONE TO THE SATISFACTION OF THE FIELD ENGINEER AT NO ADDITIONAL COST.

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-341 WITH RETAINING WALLS R-53-48 AND R-53-49.

THE CONCRETE QUANTITIES FOR THE PARAPETS, BARRIER, SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS (EXCLUDING THE FOOTINGS), CONCRETE DIAPHRAGMS AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HPC MASONRY STRUCTURES".

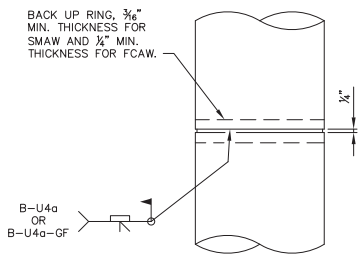
CONCRETE MASONRY REQUIRES A MINIMUM CURE TIME OF 28 DAYS BEFORE PLACING POLYMER OVERLAY.

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

ALL TOP OF CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY.

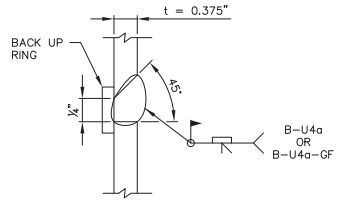
BRIDGE DECK SHALL BE TRANSVERSELY TINED ACCORDING TO THE STANDARD SPECIFICATION 502.3.7.8 (14).

BID ITEM SPV.0165.700 "LONGITUDINAL GROOVING BRIDGE DECK" SHALL ONLY BE APPLIED TO THE STRUCTURAL APPROACH SLABS. DO NOT APPLY "LONGITUDINAL GROOVING BRIDGE DECK" TO THE DECK OF THE BRIDGE.

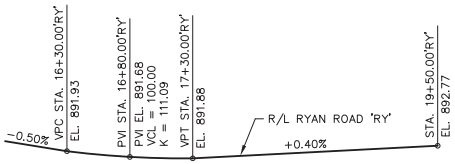


CAST-IN-PLACE 'PIPE PILE'

NOTE: CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION.



C.I.P. PILE WELD DETAIL



PROFILE GRADE LINE, R/L RYAN ROAD 'RY'

Addendum No. 1
ID 1005-10-77
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November 28, 2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-341

DRAWN BY JDO | PLANS CK'D JJK

GENERAL NOTES, QUANTITIES AND PROFILES

SHEET 2 OF 29

2411

FILE: 02-B530341_gnt.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

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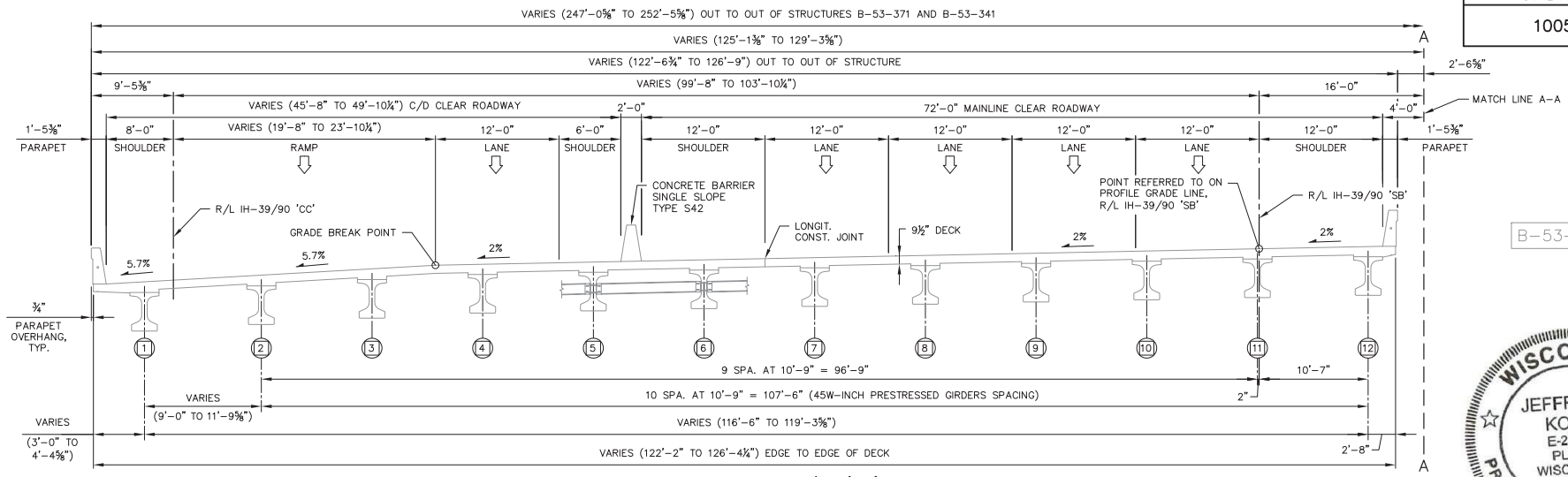
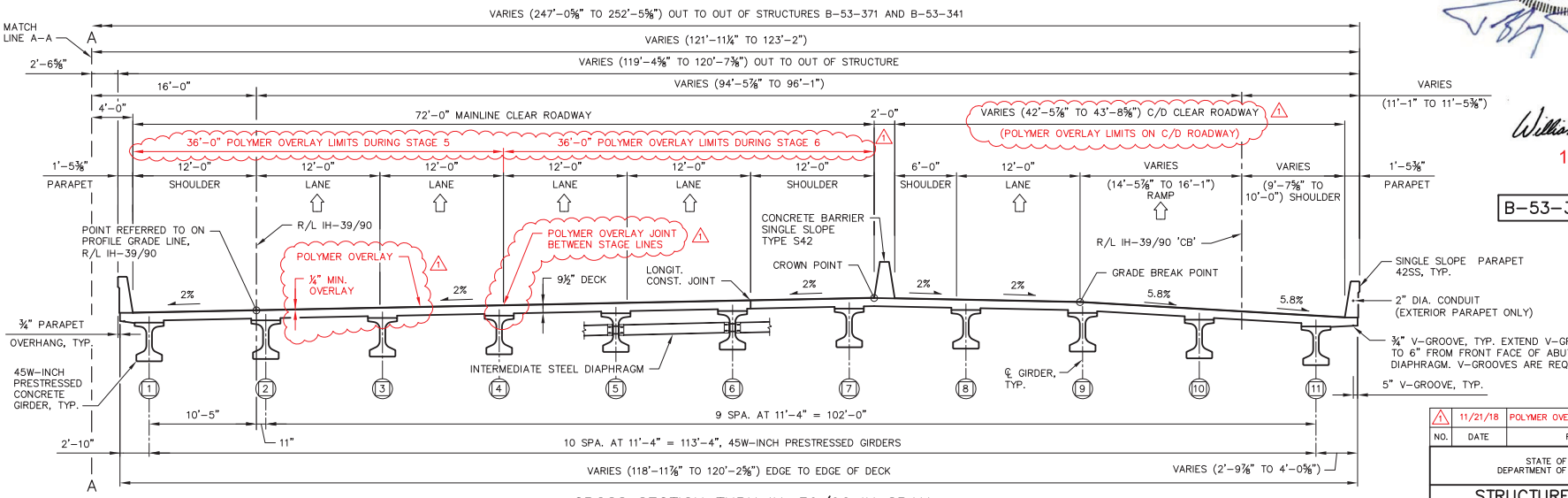
STATE PROJECT NUMBER

1005-10-77



CROSS SECTION THRU IH-39/90 'SB' IN SPAN

(LOOKING NORTH)



CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

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11/21/2018

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11/21/18

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NOTE

INDICATES GIRDER LINE DESIGNATION

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-341

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION

SHEET 4 OF 29

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I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

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STATE PROJECT NUMBER

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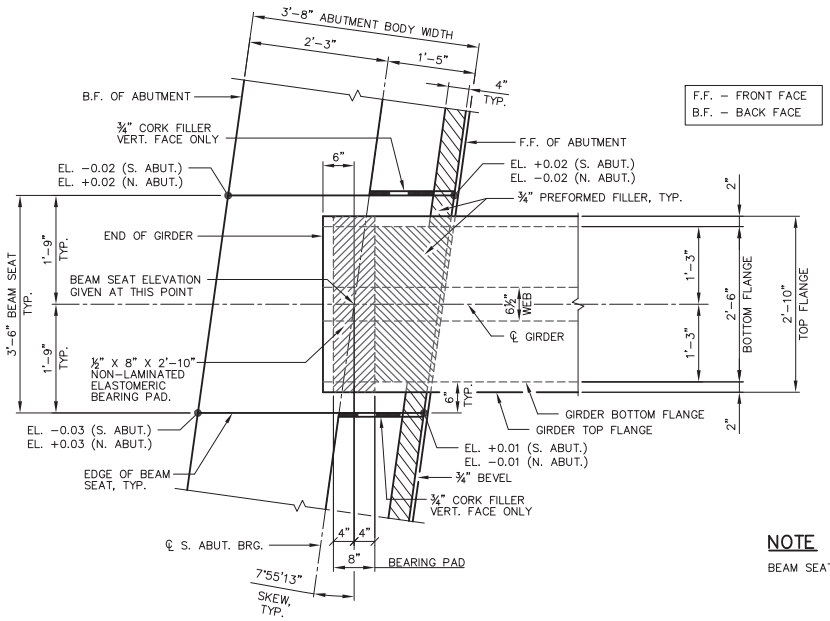

ABUTMENT BEAM SEAT DETAIL

(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT SIMILAR)

NOTE

BEAM SEAT ELEVATIONS SHOWN ON ABUTMENT SHEETS.

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11/21/18

TOP OF DECK ELEVATIONS

	℄ S. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	℄ N. ABUT. BRG.
WEST DECK EDGE	913.09	913.19	913.28	913.37	913.47	913.56	913.65	913.75	913.84	913.93	914.03
GIRDER 1	913.12	913.21	913.31	913.40	913.49	913.59	913.68	913.77	913.87	913.96	914.05
GIRDER 2	913.33	913.43	913.52	913.61	913.71	913.80	913.89	913.99	914.08	914.17	914.26
GIRDER 3	913.54	913.64	913.73	913.82	913.92	914.01	914.10	914.20	914.29	914.38	914.48
GIRDER 4	913.75	913.84	913.93	914.03	914.12	914.21	914.31	914.40	914.49	914.59	914.68
GIRDER 5	913.96	914.05	914.15	914.24	914.33	914.43	914.52	914.61	914.71	914.80	914.89
GIRDER 6	914.17	914.27	914.36	914.45	914.55	914.64	914.73	914.83	914.92	915.01	915.11
CONST. JOINT	914.20	914.29	914.39	914.48	914.57	914.67	914.76	914.85	914.95	915.04	915.13
GIRDER 7	914.38	914.47	914.56	914.66	914.75	914.84	914.94	915.03	915.12	915.22	915.31
CROWN POINT	914.42	914.52	914.61	914.70	914.79	914.89	914.98	915.07	915.17	915.26	915.35
GIRDER 8	914.23	914.32	914.41	914.51	914.60	914.69	914.79	914.88	914.97	915.07	915.16
GRADE BREAK	913.99	914.08	914.18	914.27	914.36	914.46	914.55	914.64	914.74	914.83	914.92
GIRDER 9	913.98	914.07	914.17	914.26	914.35	914.45	914.54	914.63	914.73	914.82	914.91
GIRDER 10	913.30	913.40	913.49	913.58	913.68	913.77	913.86	913.96	914.05	914.14	914.24
GIRDER 11	912.63	912.72	912.81	912.91	913.00	913.09	913.19	913.28	913.37	913.47	913.56
EAST DECK EDGE	912.52	912.60	912.69	912.78	912.86	912.94	913.03	913.12	913.20	913.29	913.38

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

EAST DECK EDGE

	STA. ON R/L IH–39/90	OFFSET FROM R/L LINE	EDGE OF DECK ELEVATION
℄ S. ABUT. BRG.	952+79.65	105.73	912.52
0.1	952+88.13	105.85	912.60
0.2	952+96.61	105.98	912.69
0.3	953+05.10	106.10	912.78
0.4	953+13.58	106.22	912.86
0.5	953+22.06	106.34	912.94
0.6	953+30.54	106.47	913.03
0.7	953+39.03	106.59	913.12
0.8	953+47.51	106.71	913.20
0.9	953+55.99	106.84	913.29
℄ N. ABUT. BRG.	953+64.48	106.96	913.38

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

WISCONSIN PROFESSIONAL ENGINEER
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11/21/2018

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–341

DRAWN BY JDO | PLANS CK'D JJK

BEAM SEAT DETAILS

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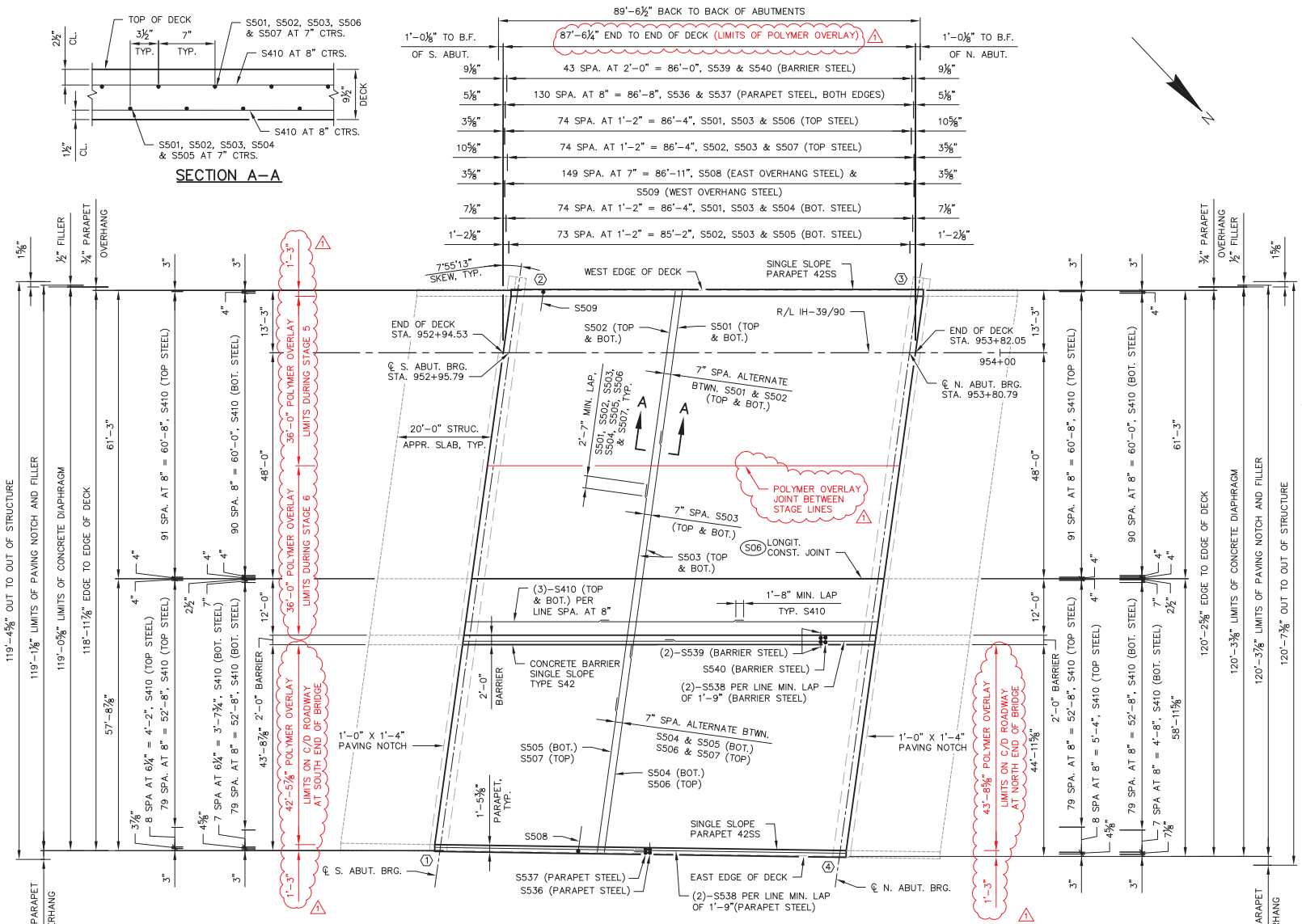
PLOT SCALE:

I.D. 1005–10–77 PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER

1005-10-77



DECK PLAN SHOWING BAR REINFORCEMENT

NOTES

FOR CROSS SECTION THRU SUPERSTRUCTURE SEE "SUPERSTRUCTURE TYPICAL SECTION" SHEET.

FOR CONCRETE DIAPHRAGM REINFORCEMENT LAYOUT AT ABUTMENTS SEE "DIAPHRAGM REINFORCEMENT AT SOUTH ABUTMENT" SHEET AND "DIAPHRAGM REINFORCEMENT AT NORTH ABUTMENT" SHEET.

(S06) ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" x ⅜" DEEP. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

⬡ INDICATES WING NUMBER

POLYMER OVERLAY TO EXTEND FROM END OF DECK TO END OF DECK ONLY. POLYMER OVERLAY NOT TO BE PLACED ON STRUCTURAL APPROACH SLABS. (1)

William C. Dreher SDR
11/21/18

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER
11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–341

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SUPERSTRUCTURE PLAN

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Addendum No. 1
ID 1005-10-77
Revised Sheet 2426
November 28, 2018

I.D. 1005–10–77 PLOT DATE: Nov 21, 2018

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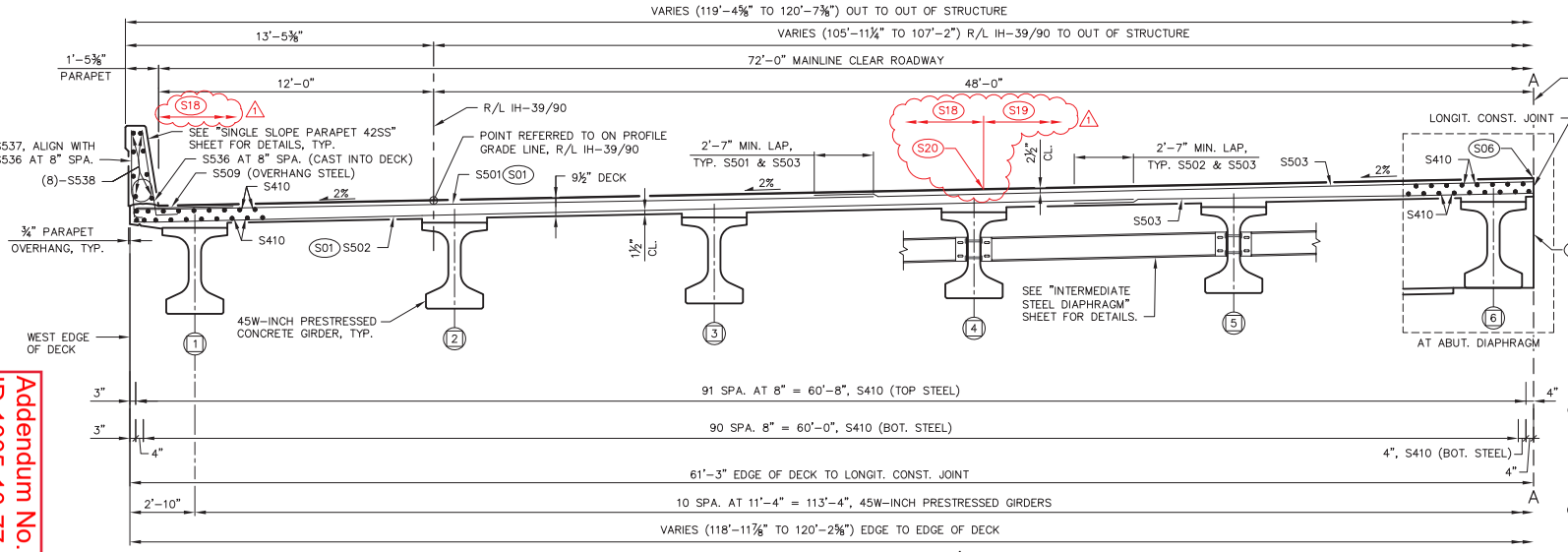
Addendum No. 1
ID 1005-10-77
Revised Sheet 2427
November 28, 2018

STATE PROJECT NUMBER
1005-10-77



PARTIAL CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

William C. Dreher SDR 11/21/18

NOTES

(S01) ALTERNATE BETWEEN S501 & S502 ACROSS THE ENTIRE LENGTH OF THE BRIDGE DECK.

(S02) ALTERNATE BETWEEN S504 & S505 ACROSS THE ENTIRE LENGTH OF THE BRIDGE DECK.

(S03) ALTERNATE BETWEEN S506 & S507 ACROSS THE ENTIRE LENGTH OF THE BRIDGE DECK.

(S04) 8 SPA. AT 6¼" = 4'-2", S410 (TOP STEEL) AT S. ABUT.
8 SPA. AT 8" = 5'-4", S410 (TOP STEEL) AT N. ABUT.

(S05) 7 SPA. AT 6¼" = 3'-7¾", S410 (BOT. STEEL) AT S. ABUT.
7 SPA. AT 8" = 4'-8", S410 (BOT. STEEL) AT N. ABUT.

(S06) ROUTE OUT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES". SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

(S07) ¾" V-GROOVE, TYP. EXTEND V-GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM. V-GROOVES ARE REQUIRED.

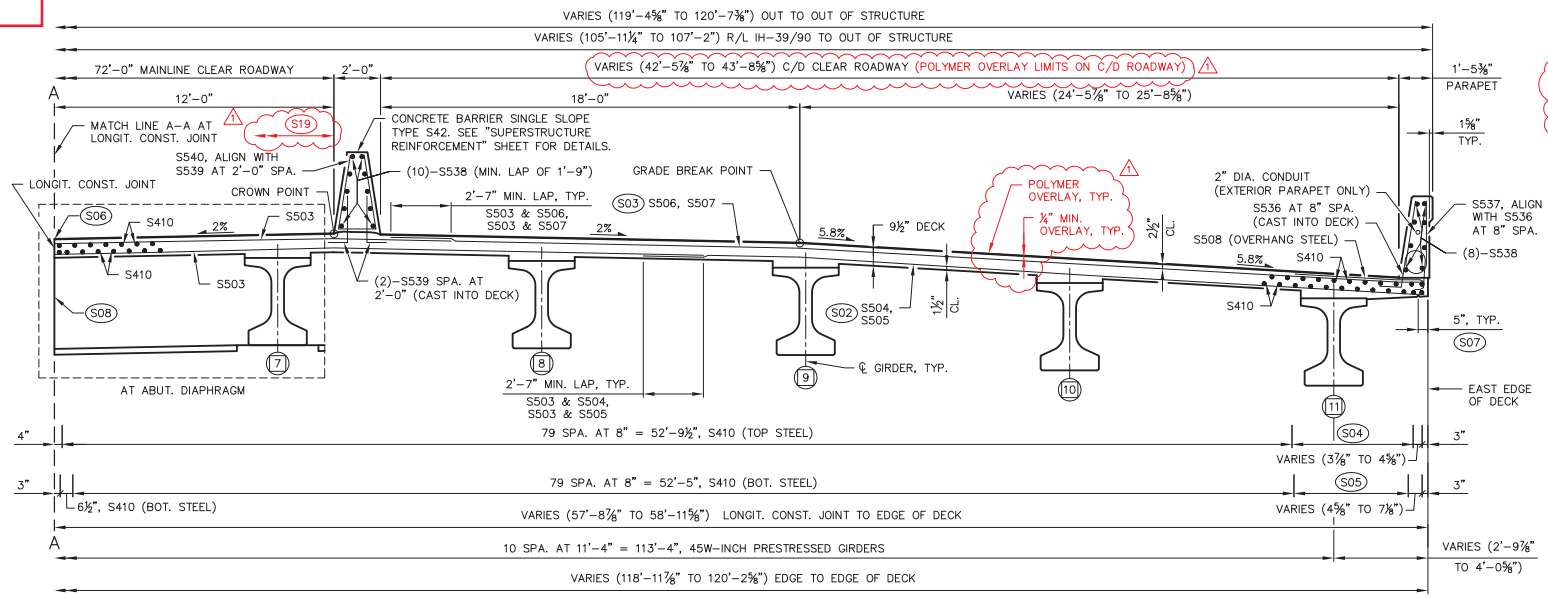
(S08) A VERT. CONSTR. JOINT SHALL BE PLACED AT THE ABUTMENT DIAPHRAGMS AT THE LOCATION OF THE LONGIT. CONST. JOINT. SEAL THE BACK OF THE VERT. CONST. JOINT AT EACH ABUTMENT WITH RUBBERIZED MEMBRANE WATERPROOFING.

INDICATES GIRDER LINE DESIGNATION

(S18) 36'-0" POLYMER OVERLAY LIMITS DURING STAGE 5.

(S19) 36'-0" POLYMER OVERLAY LIMITS DURING STAGE 6.

(S20) POLYMER OVERLAY JOINT BETWEEN STAGE LINES.



PARTIAL CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

WISCONSIN PROFESSIONAL ENGINEER JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN

11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-341

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SUPERSTRUCTURE TYPICAL SECTION

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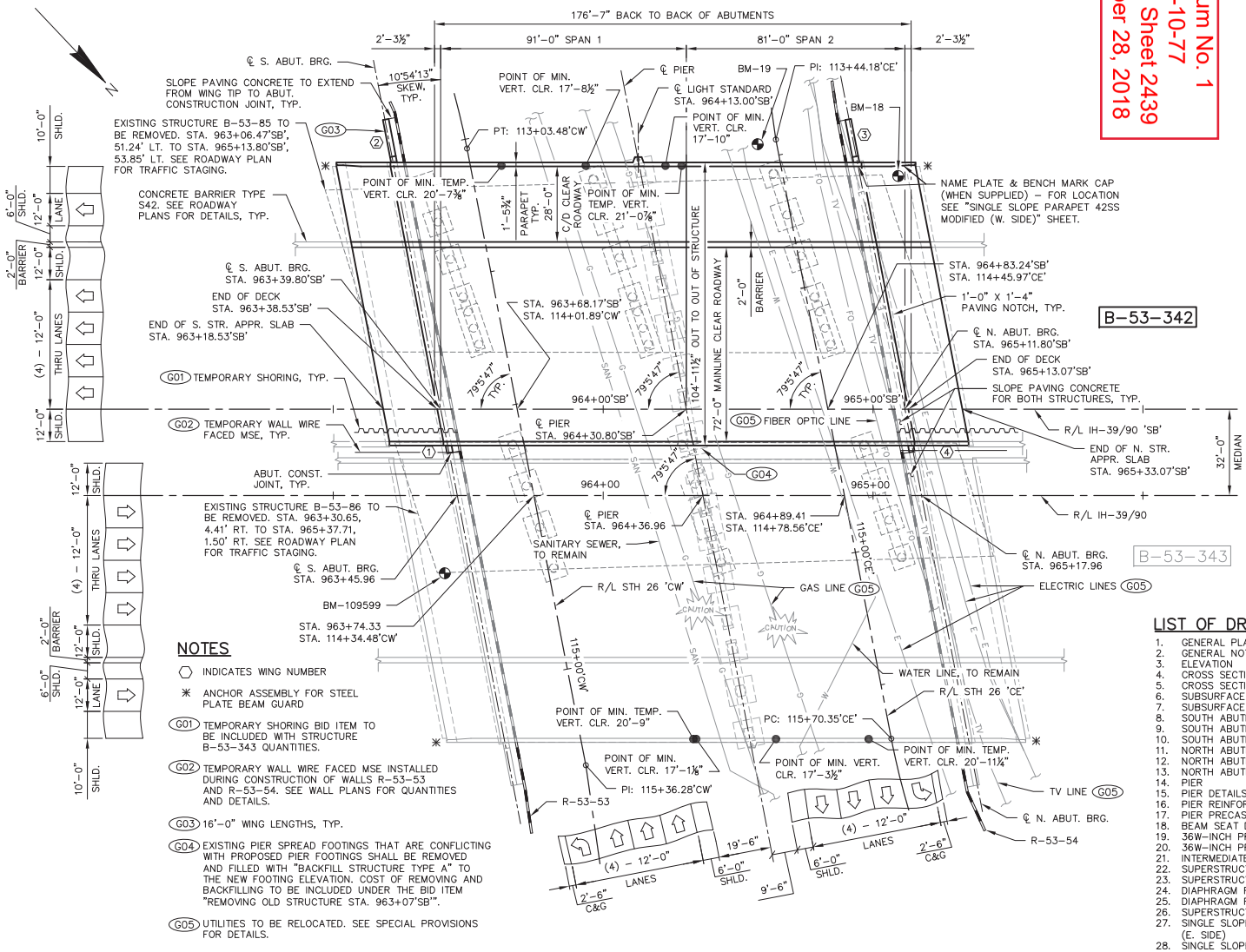
FILE: 17-21-B530341_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2439
November 28, 2018

STATE PROJECT NUMBER
1005–10–77



NOTES

- ⬡ INDICATES WING NUMBER
- ✳ ANCHOR ASSEMBLY FOR STEEL PLATE BEAM GUARD
- (G01) TEMPORARY SHORING BID ITEM TO BE INCLUDED WITH STRUCTURE B–53–343 QUANTITIES.
- (G02) TEMPORARY WALL WIRE FACED MSE INSTALLED DURING CONSTRUCTION OF WALLS R–53–53 AND R–53–54. SEE WALL PLANS FOR QUANTITIES AND DETAILS.
- (G03) 16'–0" WING LENGTHS, TYP.
- (G04) EXISTING PIER SPREAD FOOTINGS THAT ARE CONFLICTING WITH PROPOSED PIER FOOTINGS SHALL BE REMOVED AND FILLED WITH "BACKFILL STRUCTURE TYPE A" TO THE NEW FOOTING ELEVATION. COST OF REMOVING AND BACKFILLING TO BE INCLUDED UNDER THE BID ITEM "REMOVING OLD STRUCTURE STA. 963+07'SB'".
- (G05) UTILITIES TO BE RELOCATED. SEE SPECIAL PROVISIONS FOR DETAILS.

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
18	965+09.31'SB'	WISDOT DISK TOP PARAPET NW QUAD B–53–85, 86.42' LT.	923.67
19	964+57.25'SB'	CHIS SQ TOP PARAPET, 98.22' LT.	901.91
109599	963+41.33'SB'	DF9599 1J21, 60.80' RT.	915.52

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

PLAN B–53–342

(TWO SPAN 36W–INCH PRESTRESSED CONCRETE GIRDERS)

TRAFFIC DATA:

IH–39/90		STH 26	
A.A.D.T. (2017)	59,000	A.A.D.T. (2017)	32,680
A.A.D.T. (2040)	92,400	A.A.D.T. (2037)	37,635
DESIGN SPEED	70 M.P.H.	DESIGN SPEED	45 M.P.H.

DESIGN DATA

LIVE LOAD:

DESIGN LOADING	HL–93
INVENTORY RATING FACTOR	RF=1.14
OPERATING RATING FACTOR	RF=1.48
WISCONSIN STANDARD PERMIT VEHICLE RATING (WIS.–SPV):	250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT. STRUCTURE IS RATED FOR A POLYMER OVERLAY OF 5 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY, HPC DECK, PARAPETS, BARRIER, DIAPHRAGMS & STR. APPR. SLABS	$f'c$ = 4,000 P.S.I.
ALL OTHER (INCL. STR. APPR. SLAB FTGS.)	$f'c$ = 3,500 P.S.I.
HIGH–STRENGTH BAR STEEL REINFORCEMENT	f_y = 60,000 P.S.I.
36W–INCH PRESTRESSED GIRDERS CONCRETE MASONRY	$f'c$ = 8,000 P.S.I.
STRANDS – 0.6" DIAMETER WITH AN ULTIMATE TENSILE STRENGTH OF	f_u = 270,000 P.S.I.

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON 12¾" X 0.375–INCH C.I.P. PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE AT THE S. ABUT. AND 190 TONS PER PILE AT THE N. ABUT. AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 30 FT. PILE LENGTHS AT THE SOUTH ABUTMENT AND 30 FT. PILE LENGTHS AT THE NORTH ABUTMENT.

PIER TO BE SUPPORTED ON 12¾" X 0.375–INCH C.I.P. PILING DRIVEN TO A REQUIRED RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 20 FT. PILE LENGTHS.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

William C. Dreher 11/21/18

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER

11/20/2018

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES, QUANTITIES AND PROFILES
3. ELEVATION
4. CROSS SECTION IN SPAN
5. CROSS SECTION AT PIER
6. SUBSURFACE EXPLORATION #1
7. SUBSURFACE EXPLORATION #2
8. SOUTH ABUTMENT
9. SOUTH ABUTMENT DETAILS
10. SOUTH ABUTMENT REINFORCEMENT
11. NORTH ABUTMENT
12. NORTH ABUTMENT DETAILS
13. NORTH ABUTMENT REINFORCEMENT
14. PIER
15. PIER DETAILS
16. PIER REINFORCEMENT
17. PIER PRECAST ALTERNATE
18. BEAM SEAT DETAILS
19. 36W–INCH PRESTRESSED GIRDER
20. 36W–INCH PRESTRESSED GIRDER DETAILS
21. INTERMEDIATE STEEL DIAPHRAGM
22. SUPERSTRUCTURE PLAN
23. SUPERSTRUCTURE TYPICAL SECTION
24. DIAPHRAGM REINFORCEMENT AT PIER
25. DIAPHRAGM REINFORCEMENT AT ABUTMENTS
26. SUPERSTRUCTURE REINFORCEMENT
27. SINGLE SLOPE PARAPET 42SS MODIFIED (E. SIDE)
28. SINGLE SLOPE PARAPET 42SS MODIFIED (W. SIDE)
29. LIGHT STANDARD DETAILS
30. CONDUIT DETAILS
31. SOUTH STRUCTURAL APPROACH SLAB
32. NORTH STRUCTURAL APPROACH SLAB
33. STRUCTURAL APPROACH SLAB DETAILS
34. ALTERNATE CONSTRUCTION JOINT
35. AESTHETIC DETAILS #1
36. AESTHETIC DETAILS #2

CONSULTANT CONTACT
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(608) 588–7866

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266–8489

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588–7866
FAX (608) 588–7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B–53–342

IH–39/90 'SB' OVER STH 26

COUNTY	TOWN/CITY/VILLAGE	
ROCK	JANESVILLE	

DESIGN SPEC. AASHTO LRFD DESIGN SPEC.

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JDO	CDS	JDO	JJK

GENERAL PLAN

SHEET 1 OF 36

2439

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FILE: 01&03–B530342_fsh.dwg
PLOT SCALE:

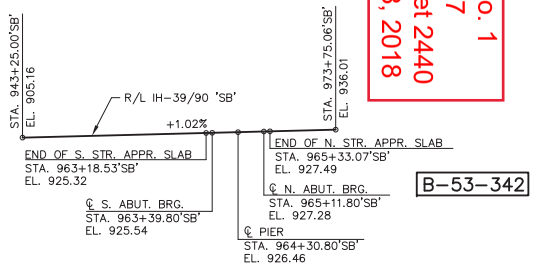
Addendum No. 1
ID 1005-10-77
Revised Sheet 2440
November 28, 2018

STATE PROJECT NUMBER
1005-10-77

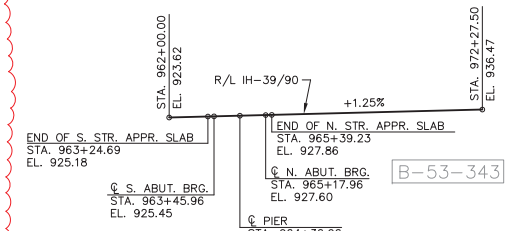
TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	S. STR. APPR. SLAB	S. ABUT.	PIER	N. ABUT.	N. STR. APPR. SLAB	SUPER.	TOTALS
203.0200.003	REMOVING OLD STRUCTURE STA. 963+07'SB'	LS	---	---	---	---	---	---	1
203.0225.S.003	DEBRIS CONTAINMENT STRUCTURE B-53-85	LS	---	---	---	---	---	---	1
206.1000.005	EXCAVATION FOR STRUCTURES BRIDGES B-53-342	LS	---	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	380	---	370	---	---	750
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	330	---	---	---	330	---	660
501.1000.S	ICE HOT WEATHER CONCRETING	LB	1080	720	1670	720	1080	5540	10810
502.0100	CONCRETE MASONRY BRIDGES	CY	30	96	222	96	30	---	474
502.3200	PROTECTIVE SURFACE TREATMENT	SY	223	---	---	---	223	56 ◑	502
502.3210	PIGMENTED SURFACE SEALER	SY	38	---	---	---	38	327	403
503.0137	PRESTRESSED GIRDER TYPE I 36W-INCH	LF	---	---	---	---	---	2246	2246
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	7100	6600	6980	---	---	20680
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	23370	750	33560	750	23370	146560	228360
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	---	---	---	3880	3880
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	13	26	13	---	---	52
506.4000.005	STEEL DIAPHRAGMS B-53-342	EACH	---	---	---	---	---	48	48
509.5100.S	POLYMER OVERLAY	SY	---	---	---	---	---	1940	1940
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	22	---	22	---	1	45
517.1010.S.005	CONCRETE STAINING B-53-342	SF	160	816	2940	808	160	4306	9190
517.1050.S.005	ARCHITECTURAL SURFACE TREATMENT B-53-342	SF	---	577	---	574	---	---	1151
550.2126	PILING CIP CONCRETE 12 3/4 X 0.375-INCH	LF	---	540	1200	540	---	---	2280
604.0400	SLOPE PAVING CONCRETE	SY	---	34	---	34	---	---	68
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	130	---	130	---	---	260
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	1	---	---	---	1	---	2
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	110	---	110	---	---	220
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	23	---	---	---	23	---	46
652.0210	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH	LF	---	---	51	---	---	---	51
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	94	---	187	---	94	508	883
653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH	---	---	2	---	---	7	9
657.6005	ANCHOR ASSEMBLIES LIGHT POLES ON STRUCTURES	EACH	---	---	---	---	---	1	1
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	114	---	---	---	114	738	966
SPV.0060.700	JUNCTION BOXES 4 X 4 X 4-INCH	EACH	---	---	3	---	---	---	3
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	2000	---	---	---	2000	---	4000
(NON-BID ITEM)	FILLER	SIZE	---	---	---	---	---	---	½" & ¾"

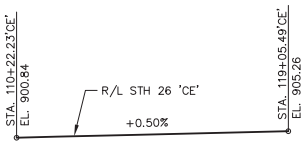
◑ PROTECTIVE SURFACE TREATMENT QUANTITY SHOWN FOR SUPERSTRUCTURE IS FOR THE PAVING NOTCH BETWEEN ABUTMENT DIAPHRAGMS AND STRUCTURAL APPROACH SLABS ONLY. DO NOT APPLY PROTECTIVE SURFACE TREATMENT TO THE SUPERSTRUCTURE DECK.



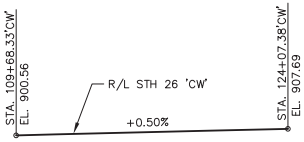
PROFILE GRADE LINE, R/L IH-39/90 'SB'



PROFILE GRADE LINE, R/L IH-39/90



PROFILE GRADE LINE, R/L STH 26 'CE'



PROFILE GRADE LINE, R/L STH 26 'CW'

11/20/2018

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL BETWEEN THE FRONT FACE OF THE ABUTMENTS AND RETAINING WALLS SHALL BE COVERED WITH CONCRETE SLOPE PAVING TO THE EXTENT SHOWN ON THE "GENERAL PLAN" SHEET AND ON THE ABUTMENT SHEETS. SEE PLANS FOR RETAINING WALLS R-53-53 AND R-53-54 FOR FURTHER DETAILS.

AT THE BACKFACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE TYPE A, BID ITEM 210.1500, IS CALCULATED BASED ON WBM STANDARD DETAIL 9.01 STRUCTURE BACKFILL LIMITS AND NOTES.

THE COST OF FURNISHING AND PLACING THE MSE BACKFILL OR SIZE 2 COARSE AGGREGATE UNDER THE SLOPE PAVING SHALL BE INCLUDED WITH THE BID ITEM "SLOPE PAVING CONCRETE".

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "36W-INCH PRESTRESSED GIRDER DETAILS" SHEET.

THE CONTRACTOR MAY FURNISH A PRECAST PIER (CAP AND COLUMN ELEMENTS) IN LIEU OF THE CAST-IN-PLACE PIER WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST PIER SHALL CONFORM TO PRECAST DETAILS IN CHAPTER 7 STANDARDS OF THE CURRENT WISCONSIN DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST PIER SHALL BE BASED OFF THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES."

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ~~SUPERSTRUCTURE DECK AND~~ STRUCTURAL APPROACH SLABS PER THE STANDARD SPECIFICATION. DO NOT APPLY PROTECTIVE SURFACE TREATMENT TO THE SUPERSTRUCTURE DECK. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE CONCRETE BARRIER AND TO THE PARAPETS PER THE STANDARD SPECIFICATION. SEE "ELEVATION" SHEET FOR PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER LIMITS.

RECESSES AND RELIEF ON THE BACK OF PARAPETS SHALL BE FORMED PER THE DETAILS SHOWN IN THE PLANS AND SHALL BE INCLUDED IN THE COST OF "HPC MASONRY STRUCTURES". RECESSES AND RELIEF ON THE PIER COLUMNS SHALL BE FORMED PER THE DETAILS SHOWN IN THE PLANS AND SHALL BE INCLUDED IN THE COST OF "CONCRETE MASONRY BRIDGES". FORMLINER ON THE ABUTMENTS AND WINGS SHALL BE PAID FOR UNDER THE BID ITEM "ARCHITECTURAL SURFACE TREATMENT B-53-342".

IF TOUCH UP STAINING IS REQUIRED AFTER INSTALLATION IS COMPLETE, ALL TOUCH UP STAINING IS TO BE DONE TO THE SATISFACTION OF THE FIELD ENGINEER AT NO ADDITIONAL COST.

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-342 WITH RETAINING WALLS R-53-53 AND R-53-54.

THE CONCRETE QUANTITIES FOR THE PARAPETS, SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS (EXCLUDING THE FOOTINGS), CONCRETE DIAPHRAGMS AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HPC MASONRY STRUCTURES".

THE EXISTING STRUCTURE B-53-85 IS A FOUR SPAN PRESTRESSED CONCRETE GIRDER WITH REINFORCED CONCRETE DECK BRIDGE WITH AN OVERALL LENGTH OF 211'-8¼" AND A CLEAR ROADWAY WIDTH VARIES FROM 58'-9⅝" TO 65'-2". SUPERSTRUCTURE, PIERS AND ABUTMENTS SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS NOTED IN THESE PLANS. COMPLETELY REMOVE ALL EXISTING PILES LOCATED WITHIN THE RETAINING WALL REINFORCED SOIL ZONES DOWN TO THE BOTTOM OF THE "BACKFILL GRANULAR GRADE 1" LIMITS. SEE RETAINING WALLS R-53-53 & R-53-54 PLANS FOR LIMITS.

CONCRETE MASONRY REQUIRES A MINIMUM CURE TIME OF 28 DAYS BEFORE PLACING POLYMER OVERLAY.

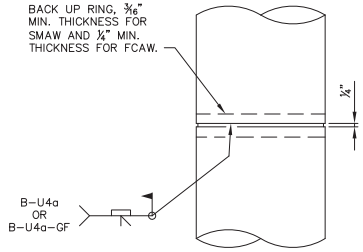
POLYMER OVERLAY IS TO BE PLACED ON THE BRIDGE DECK PRIOR TO TRAFFIC. THE BRIDGE DECK IS NOT TO BE TRANSVERSELY TINED ACCORDING TO THE STANDARD SPECIFICATION 502.3.7.8 (14).

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

ALL TOP OF CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY.

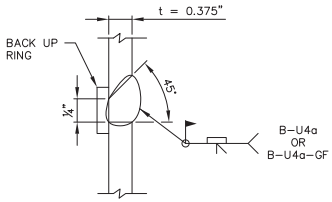
BID ITEM SPV.0165.700 "LONGITUDINAL GROOVING BRIDGE DECK" SHALL ONLY BE APPLIED TO THE STRUCTURAL APPROACH SLABS. DO NOT APPLY "LONGITUDINAL GROOVING BRIDGE DECK" TO THE DECK OF THE BRIDGE.

William C. Dreher SDR
11/21/18



CAST-IN-PLACE 'PIPE PILE'

NOTE: CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION.



C.I.P. PILE WELD DETAIL

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-342

DRAWN BY JDO | PLANS CK'D JJK

GENERAL NOTES, QUANTITIES AND PROFILES

SHEET 2 OF 36

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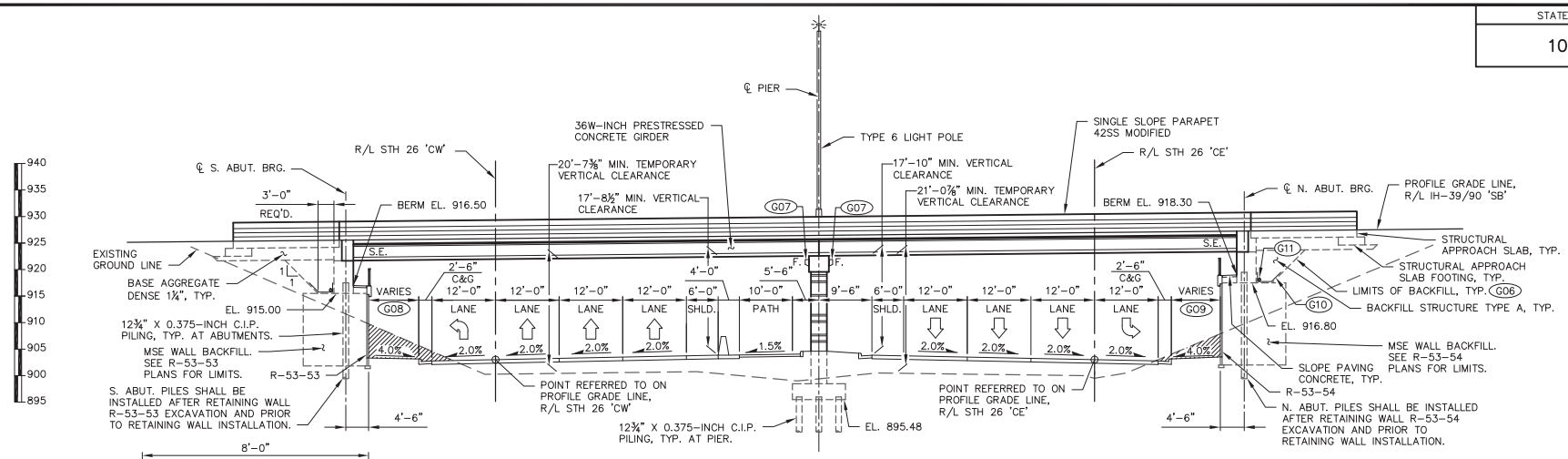
FILE: 02-B530342_qnt.dwg
PLOT SCALE:

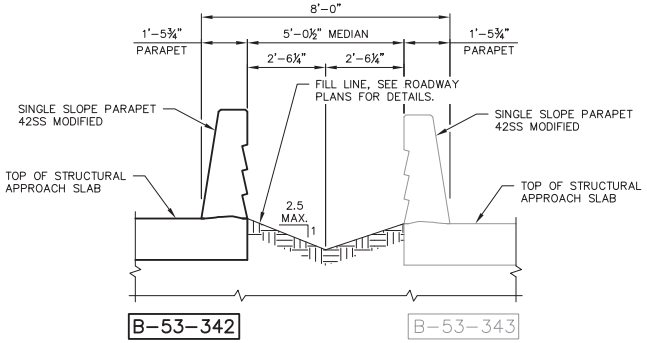
I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER
1005–10–77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2441
November 28, 2018



ELEVATION B–53–342
(NORMAL TO STH 26, LOOKING WEST)



TYPICAL FILL SECTION IN MEDIAN
(INTERIOR PARAPETS, LOOKING NORTH)

William C. Dreher SDR
11/21/18

NOTES

COST OF EXCAVATION IN THE HATCHED AREAS SHALL BE CONSIDERED "EXCAVATION COMMON." SEE ROADWAY PLANS.

G06 BACKFILL PAY LIMITS FOR BRIDGE STRUCTURE. BACKFILL BEYOND BACKFILL LIMITS SHALL BE INCLUDED IN THE RETAINING WALL BID ITEMS. SEE R–53–53 AND R–53–54 PLANS FOR DETAILS.

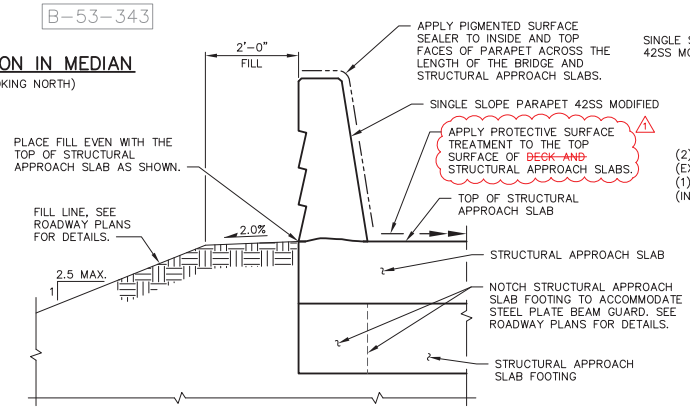
G07 UNDERDECK LIGHTING LOCATED ON PIER CAP. SEE ROADWAY PLANS FOR LOCATIONS AND DETAILS.

G08 SOUTH TERRACE VARIES BETWEEN 8'–4" TO 8'–10¼".

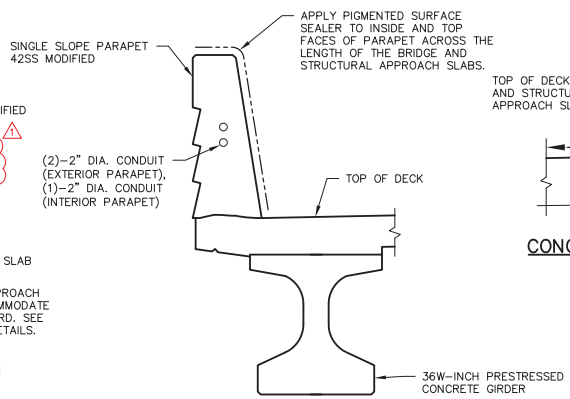
G09 NORTH TERRACE VARIES BETWEEN 7'–11⅞" TO 8'–10⅞".

G10 "GEOTEXTILE TYPE DF SCHEDULE A" LIMITS. EXTEND 2'–0" ABOVE BOTTOM OF ABUTMENT.

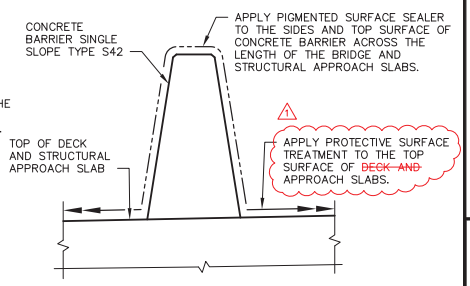
G11 PIPE UNDERDRAIN WRAPPED (6–INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN AS DETAILED IN "SOUTH ABUTMENT REINFORCEMENT" SHEET. RODENT SHIELD IS INCLUDED WITH THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6–INCH".



TYPICAL FILL SECTION AT END OF STRUCTURAL APPROACH SLABS



CONCRETE SURFACE TREATMENT DETAILS IN SPAN



CONCRETE SURFACE TREATMENT DETAILS FOR BARRIER

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/20/2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–342

DRAWN BY JDO | PLANS CK'D JJK

ELEVATION

SHEET 3 OF 36

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FILE: 01&03–B530342_fsh.dwg
PLOT SCALE:

STATE PROJECT NUMBER

1005-10-77

Addendum No. 1
ID 1005-10-77
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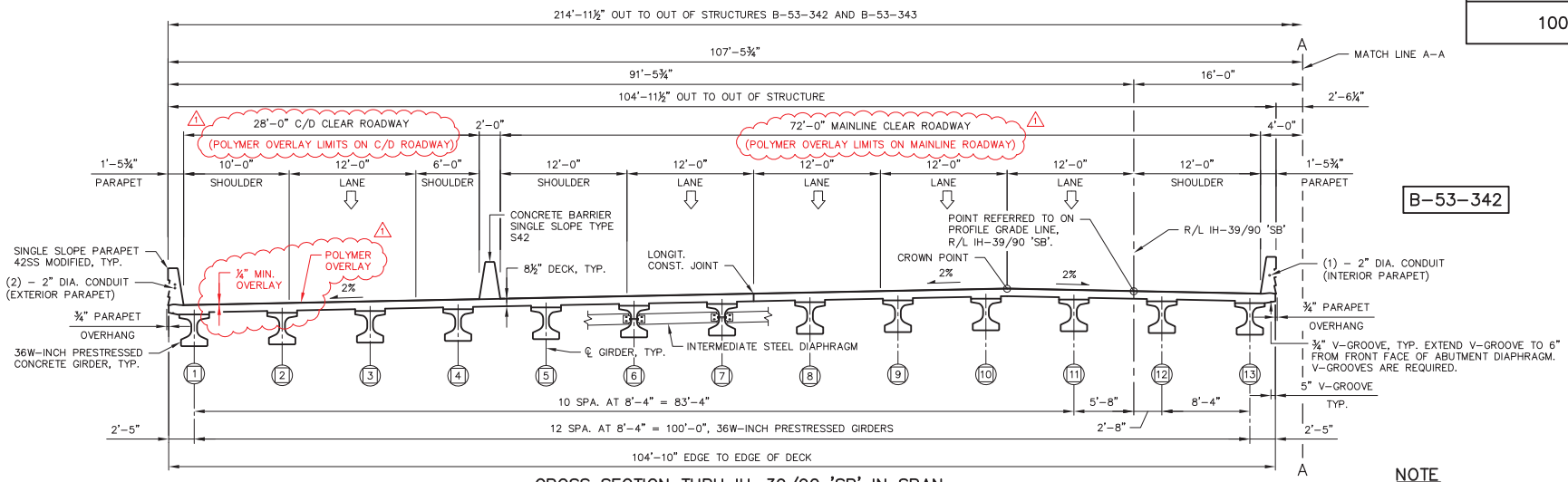
November 28, 2018

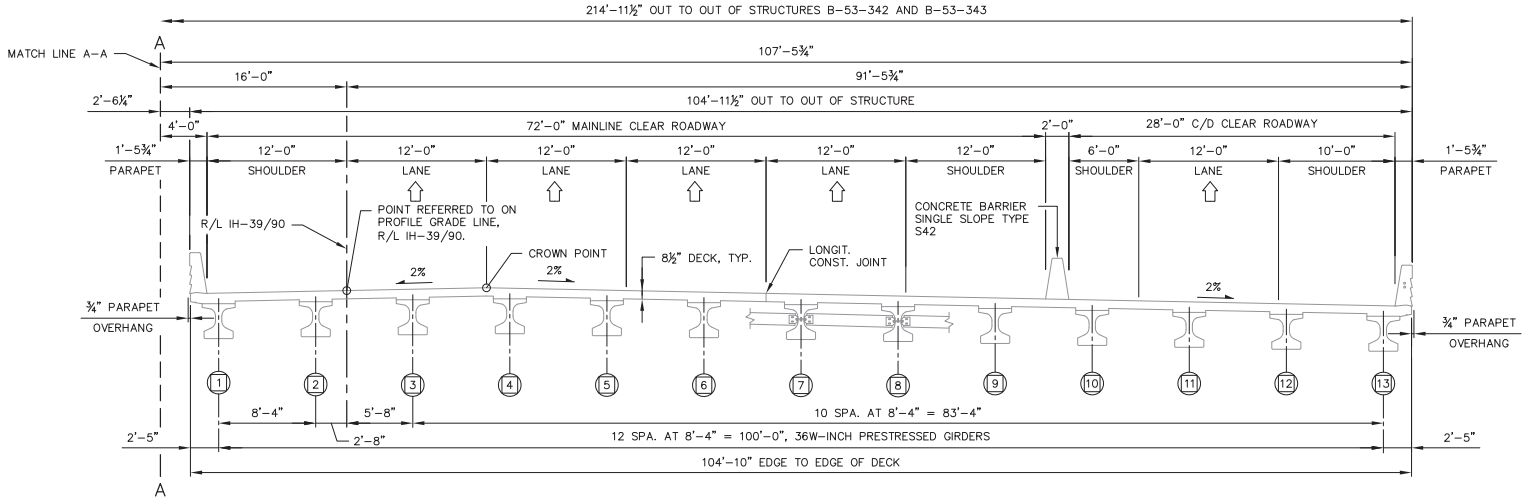
B-53-342



CROSS SECTION THRU IH-39/90 'SB' IN SPAN
(LOOKING NORTH)

NOTE

INDICATES GIRDER LINE DESIGNATION



CROSS SECTION THRU IH-39/90 IN SPAN
(LOOKING NORTH)

William C. Dreher SDR
11/21/18

B-53-343

WISCONSIN
JEFFREY J. KOCH
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PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-342

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION IN SPAN

SHEET 4 OF 36

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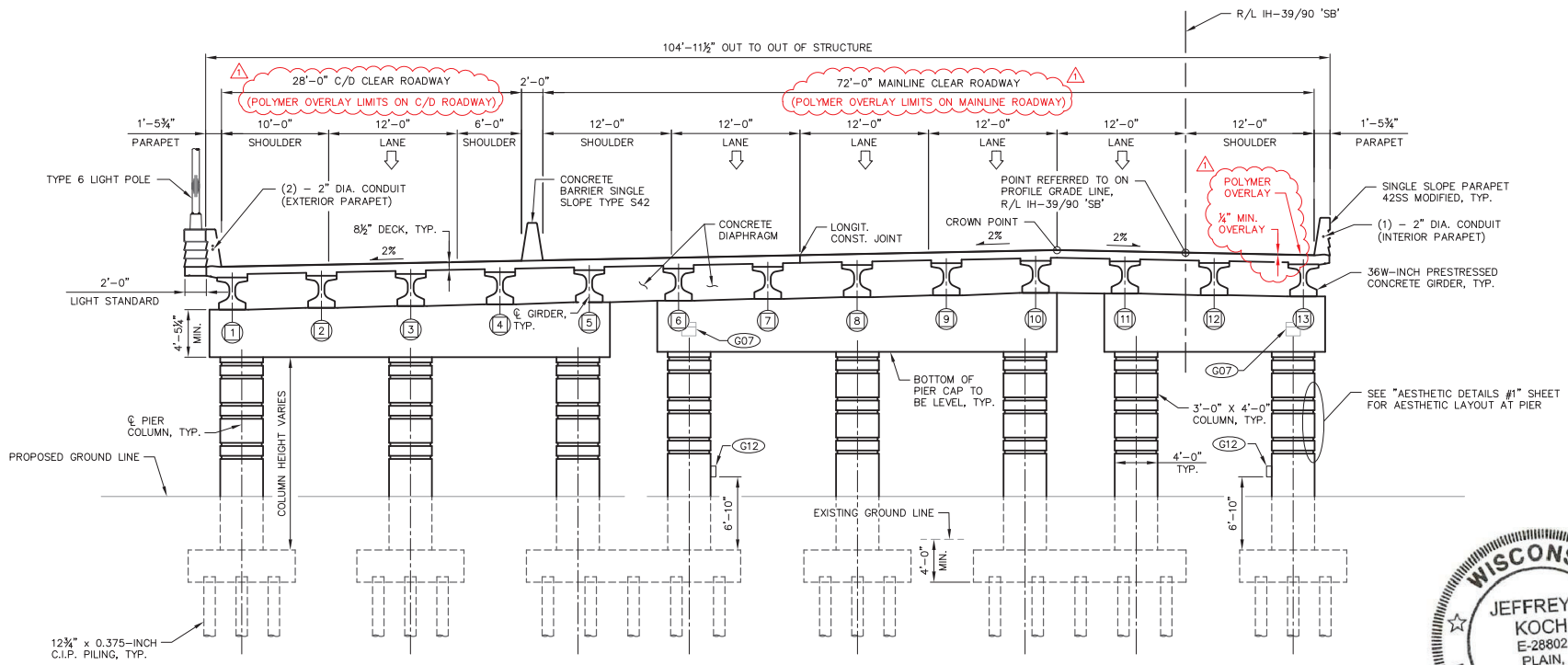
FILE: 04-05-B530342_crs.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER

1005-10-77



CROSS SECTION THRU IH-39/90 'SB' AT PIER

(LOOKING NORTH)

William C. Dreher SDR
11/21/18

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JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2443
November 28, 2018

NOTES

SEE "CROSS SECTION IN SPAN" SHEET FOR 36W-INCH PRESTRESSED GIRDER SPACING.

(1) INDICATES GIRDER LINE DESIGNATION

(G07) UNDERDECK LIGHTING LOCATED ON PIER CAP. SEE ROADWAY PLANS FOR LOCATIONS AND DETAILS.

(G12) MOUNT JUNCTION BOXES FOR UNDERDECK LIGHTING TO THE SIDE OF PIER COLUMNS. SEE "PIER" SHEET FOR DETAILS.

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-342

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION AT PIER

SHEET 5 OF 36

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FILE: 04-05-B530342_crs.dwg
PLOT SCALE:

STATE PROJECT NUMBER
1005–10–77

Addendum No. 1
ID 1005-10-77
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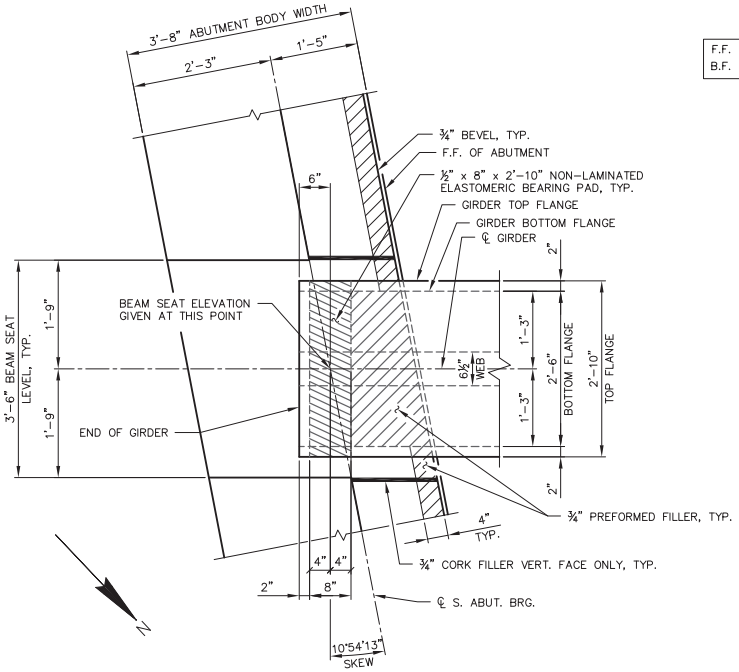
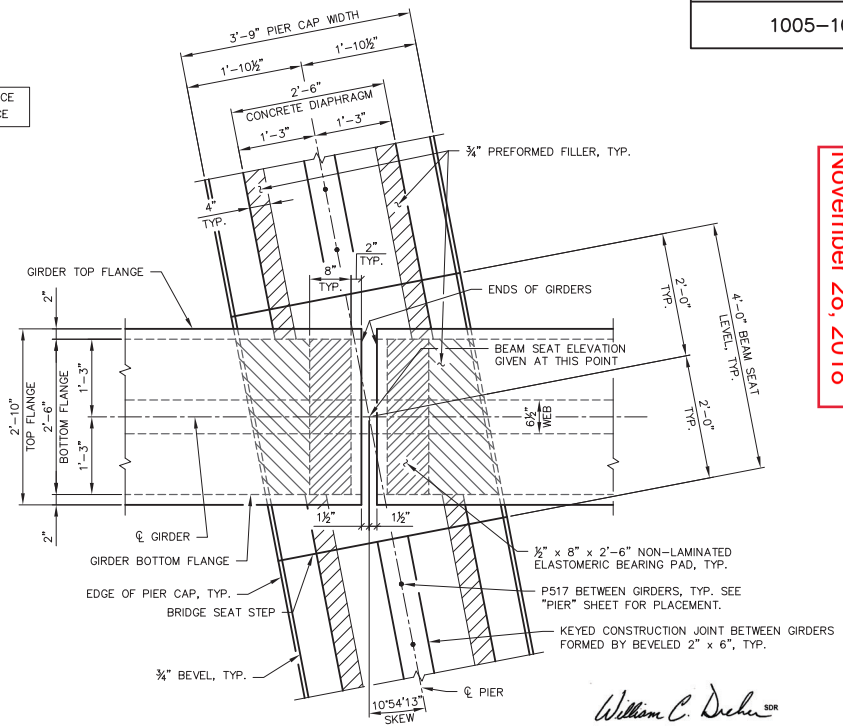
November 28, 2018

F.F. – FRONT FACE
B.F. – BACK FACE



ABUTMENT BEAM SEAT DETAIL

(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT SIMILAR)



PIER BEAM SEAT DETAIL

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

TOP OF DECK ELEVATIONS

SPAN 1	℄ S. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	℄ PIER
WEST DECK EDGE	924.04	924.14	924.23	924.32	924.41	924.50	924.60	924.69	924.78	924.87	924.96
GIRDER 1	924.07	924.16	924.25	924.34	924.43	924.53	924.62	924.71	924.80	924.89	924.99
GIRDER 2	924.25	924.34	924.44	924.53	924.62	924.71	924.80	924.90	924.99	925.08	925.17
GIRDER 3	924.43	924.52	924.61	924.70	924.80	924.89	924.98	925.07	925.16	925.26	925.35
GIRDER 4	924.61	924.71	924.80	924.89	924.98	925.07	925.17	925.26	925.35	925.44	925.53
GIRDER 5	924.80	924.89	924.98	925.08	925.17	925.26	925.35	925.44	925.54	925.63	925.72
GIRDER 6	924.98	925.07	925.16	925.25	925.34	925.44	925.53	925.62	925.71	925.81	925.90
GIRDER 7	925.16	925.25	925.35	925.44	925.53	925.62	925.72	925.81	925.90	925.99	926.08
CONST. JOINT	925.23	925.32	925.41	925.50	925.60	925.69	925.78	925.87	925.97	926.06	926.15
GIRDER 8	925.35	925.44	925.53	925.63	925.72	925.81	925.90	925.99	926.09	926.18	926.27
GIRDER 9	925.53	925.62	925.71	925.80	925.89	925.99	926.08	926.17	926.26	926.35	926.45
GIRDER 10	925.71	925.80	925.90	925.99	926.08	926.17	926.26	926.36	926.45	926.54	926.63
CROWN POINT	925.76	925.85	925.94	926.03	926.12	926.22	926.31	926.40	926.49	926.58	926.68
GIRDER 11	925.64	925.73	925.82	925.91	926.01	926.10	926.19	926.28	926.37	926.47	926.56
GIRDER 12	925.49	925.59	925.68	925.77	925.86	925.95	926.05	926.14	926.23	926.32	926.41
GIRDER 13	925.34	925.43	925.52	925.62	925.71	925.80	925.89	925.98	926.08	926.17	926.26
EAST DECK EDGE	925.32	925.41	925.51	925.60	925.69	925.78	925.87	925.97	926.06	926.15	926.24

SPAN 2	℄ PIER	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	℄ N. ABUT. BRG.
WEST DECK EDGE	924.96	925.05	925.13	925.21	925.29	925.37	925.46	925.54	925.62	925.70	925.78
GIRDER 1	924.99	925.07	925.15	925.23	925.31	925.40	925.48	925.56	925.64	925.72	925.81
GIRDER 2	925.17	925.25	925.34	925.42	925.50	925.58	925.66	925.75	925.83	925.91	925.99
GIRDER 3	925.35	925.43	925.51	925.59	925.68	925.76	925.84	925.92	926.00	926.09	926.17
GIRDER 4	925.53	925.62	925.70	925.78	925.86	925.94	926.03	926.11	926.19	926.27	926.35
GIRDER 5	925.72	925.80	925.88	925.97	926.05	926.13	926.21	926.29	926.38	926.46	926.54
GIRDER 6	925.90	925.98	926.06	926.14	926.22	926.31	926.39	926.47	926.55	926.63	926.72
GIRDER 7	926.08	926.17	926.25	926.33	926.41	926.49	926.57	926.66	926.74	926.82	926.90
CONST. JOINT	926.15	926.23	926.31	926.39	926.48	926.56	926.64	926.72	926.80	926.89	926.97
GIRDER 8	926.27	926.35	926.43	926.52	926.60	926.68	926.76	926.84	926.92	927.01	927.09
GIRDER 9	926.45	926.53	926.61	926.69	926.77	926.86	926.94	927.02	927.10	927.18	927.27
GIRDER 10	926.63	926.71	926.80	926.88	926.96	927.04	927.12	927.21	927.29	927.37	927.45
CROWN POINT	926.68	926.76	926.84	926.92	927.00	927.09	927.17	927.25	927.33	927.41	927.50
GIRDER 11	926.56	926.64	926.72	926.80	926.89	926.97	927.05	927.13	927.21	927.30	927.38
GIRDER 12	926.41	926.50	926.58	926.66	926.74	926.82	926.91	926.99	927.07	927.15	927.23
GIRDER 13	926.26	926.34	926.42	926.51	926.59	926.67	926.75	926.83	926.92	927.00	927.08
EAST DECK EDGE	926.24	926.32	926.41	926.49	926.57	926.65	926.73	926.82	926.90	926.98	927.06

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–342

DRAWN BY JDO | PLANS CK'D JJK

BEAM SEAT DETAILS

SHEET 18 OF 36

2456

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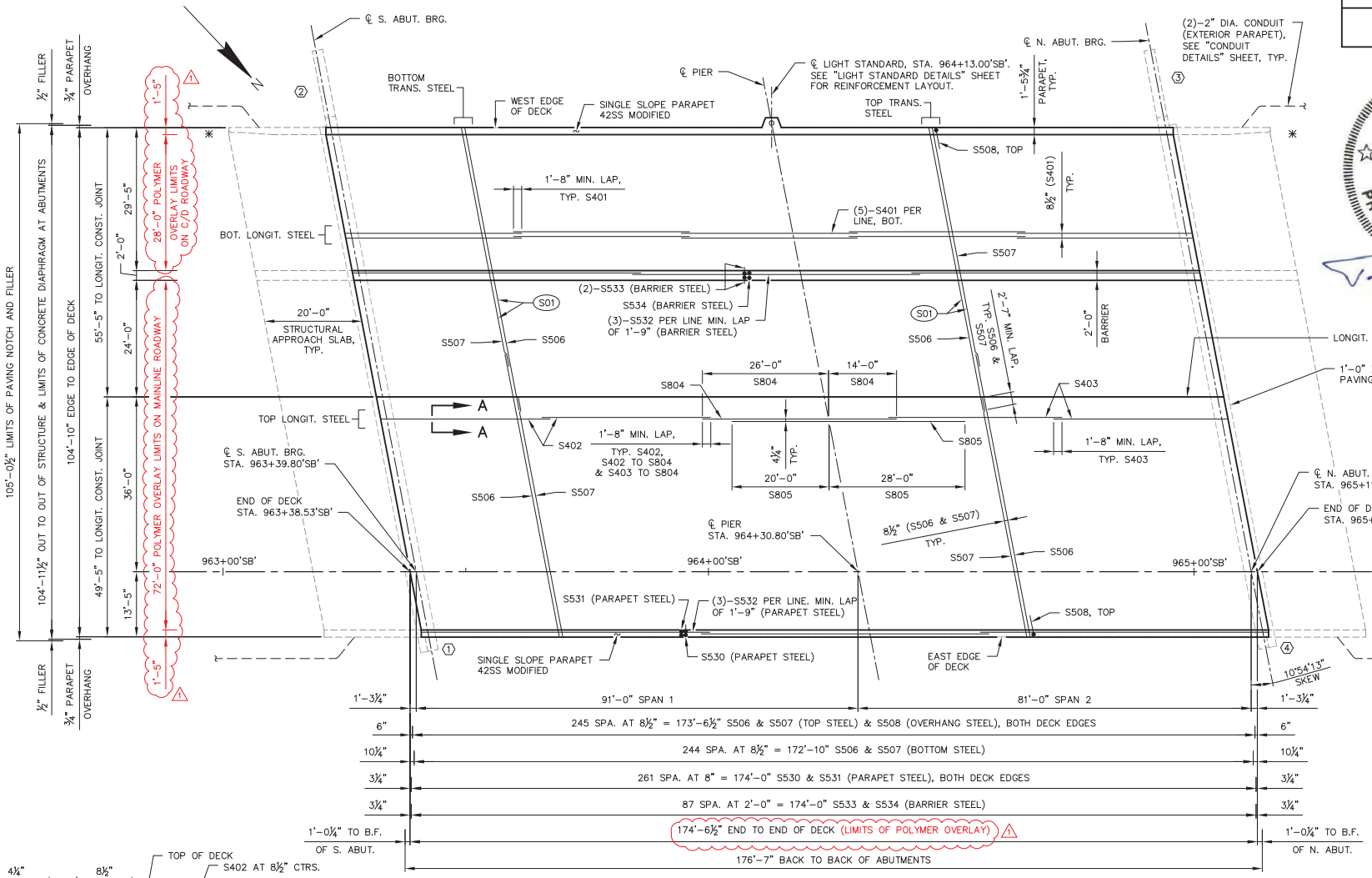
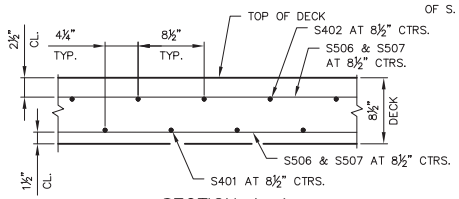
FILE: 18–B530342_beam.dwg
PLOT SCALE:

STATE PROJECT NUMBER

1005-10-77



DECK PLAN SHOWING BAR REINFORCEMENT



SECTION A-A

(IN SPAN 1 SHOWN, SPAN 2 SIMILAR)

NOTES

(S01) ALTERNATE BETWEEN S506 & S507 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

(S02) ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" x ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

⬡ INDICATES WING NUMBER

✳ ANCHOR ASSEMBLY FOR STEEL PLATE BEAM GUARD

POLYMER OVERLAY TO EXTEND FROM END OF DECK TO END OF DECK ONLY. POLYMER OVERLAY NOT TO BE PLACED ON STRUCTURAL APPROACH SLABS. (1)

F.F. - FRONT FACE
B.F. - BACK FACE

WISCONSIN PROFESSIONAL ENGINEER
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN

11/20/2018

William C. Dreher SDR
11/21/18

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-342

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE PLAN

SHEET 22 OF 36

2460

Addendum No. 1
ID 1005-10-77
Revised Sheet 2460
November 28, 2018

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

FILE: 22-26-B530342_super.dwg
PLOT SCALE:

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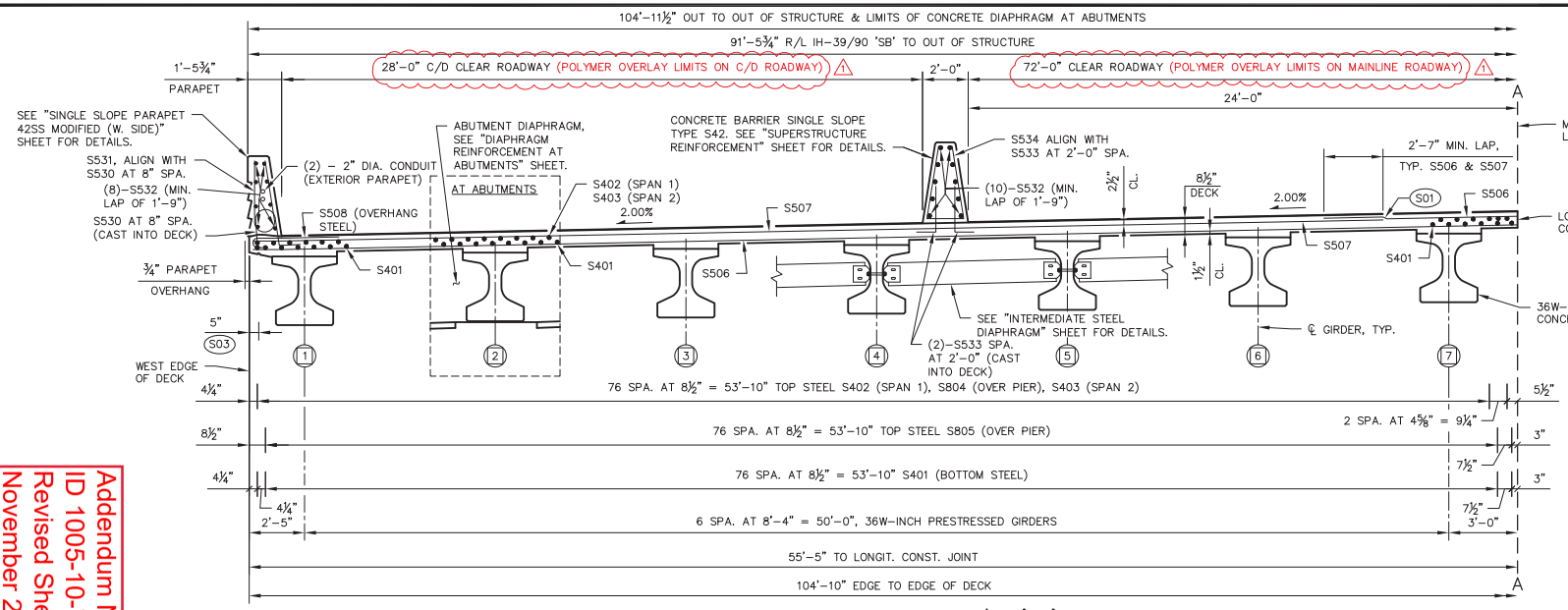
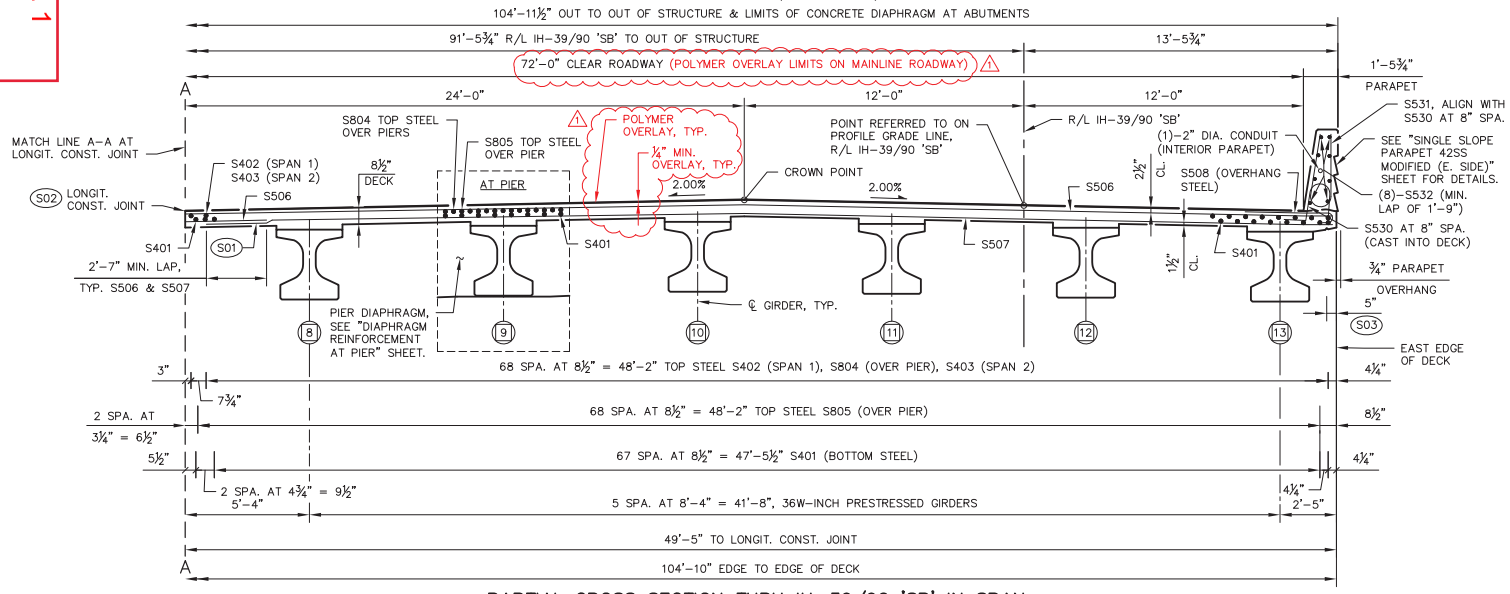
STATE PROJECT NUMBER
1005-10-77



PARTIAL CROSS SECTION THRU IH-39/90 'SB' IN SPAN

(LOOKING NORTH)



PARTIAL CROSS SECTION THRU IH-39/90 'SB' IN SPAN

(LOOKING NORTH)

William C. Dreher SDR
11/21/18

NOTES

S01 ALTERNATE BETWEEN S506 & S507 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

S02 ROUTE OUT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES" SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

S03 ¾" V-GROOVE, TYP. EXTEND V-GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM. V-GROOVES ARE REQUIRED.

INDICATES GIRDER LINE DESIGNATION

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER
11/20/2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2461
November 28, 2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-342

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE TYPICAL SECTION

SHEET 23 OF 36

2461

8

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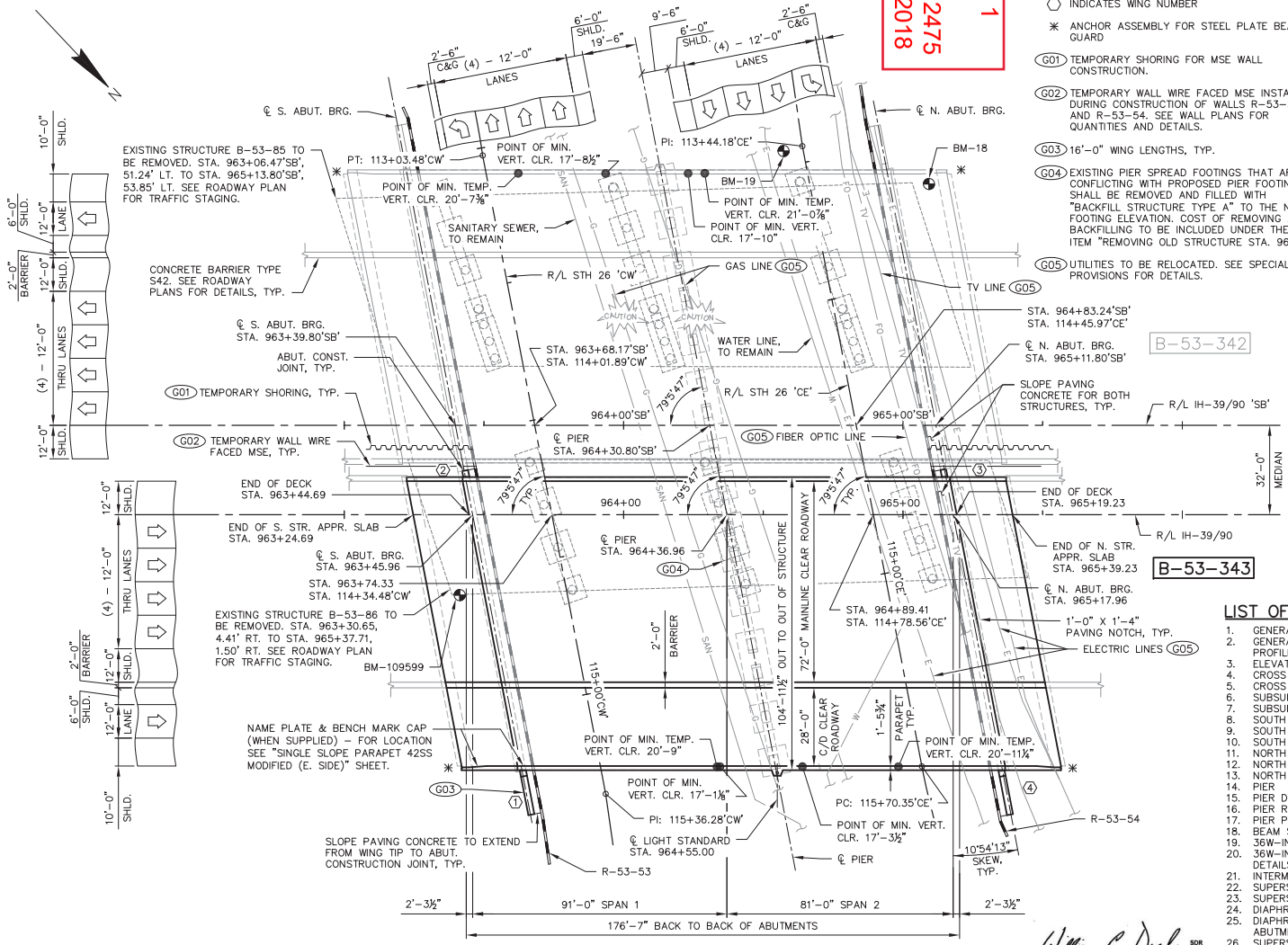
FILE: 22-26-B530342_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2475
November 28, 2018

STATE PROJECT NUMBER
1005-10-77



NOTES

- ⬡ INDICATES WING NUMBER
- ✳ ANCHOR ASSEMBLY FOR STEEL PLATE BEAM GUARD
- (G01) TEMPORARY SHORING FOR MSE WALL CONSTRUCTION.
- (G02) TEMPORARY WALL WIRE FACED MSE INSTALLED DURING CONSTRUCTION OF WALLS R-53-53 AND R-53-54. SEE WALL PLANS FOR QUANTITIES AND DETAILS.
- (G03) 16'-0" WING LENGTHS, TYP.
- (G04) EXISTING PIER SPREAD FOOTINGS THAT ARE CONFLICTING WITH PROPOSED PIER FOOTINGS SHALL BE REMOVED AND FILLED WITH "BACKFILL STRUCTURE TYPE A" TO THE NEW FOOTING ELEVATION. COST OF REMOVING AND BACKFILLING TO BE INCLUDED UNDER THE BID ITEM "REMOVING OLD STRUCTURE STA. 963+31."
- (G05) UTILITIES TO BE RELOCATED. SEE SPECIAL PROVISIONS FOR DETAILS.

DESIGN DATA

LIVE LOAD:

DESIGN LOADING	HL-93
INVENTORY RATING FACTOR	RF=1.14
OPERATING RATING FACTOR	RF=1.48
WISCONSIN STANDARD PERMIT VEHICLE RATING (WIS.-SPV):	250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT. STRUCTURE IS RATED FOR A POLYMER OVERLAY OF 5 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY, HPC DECK, PARAPET, BARRIER, DIAPHRAGMS & STR. APPR. SLABS	$f'c$ = 4,000 P.S.I.
ALL OTHER (INCL. STR. APPR. SLAB FTGS.)	$f'c$ = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT	$f'y$ = 60,000 P.S.I.
36W-INCH PRESTRESSED GIRDERS CONCRETE MASONRY	$f'c$ = 8,000 P.S.I.
STRANDS - 0.6" DIAMETER WITH AN ULTIMATE TENSILE STRENGTH OF	f_u = 270,000 P.S.I.

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON 12¾" X 0.375-INCH C.I.P. PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE AT THE S. ABUT. AND 190 TONS PER PILE AT THE N. ABUT. AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 30 FT. PILE LENGTHS AT THE SOUTH ABUTMENT AND 30 FT. PILE LENGTHS AT THE NORTH ABUTMENT.

PIER TO BE SUPPORTED ON 12¾" X 0.375-INCH C.I.P. PILING DRIVEN TO A REQUIRED RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 20 FT. PILE LENGTHS.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/20/2018

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES, QUANTITIES AND PROFILES
3. ELEVATION
4. CROSS SECTION IN SPAN
5. CROSS SECTION AT PIER
6. SUBSURFACE EXPLORATION #1
7. SUBSURFACE EXPLORATION #2
8. SOUTH ABUTMENT
9. SOUTH ABUTMENT DETAILS
10. SOUTH ABUTMENT REINFORCEMENT
11. NORTH ABUTMENT
12. NORTH ABUTMENT DETAILS
13. NORTH ABUTMENT REINFORCEMENT
14. PIER
15. PIER DETAILS
16. PIER REINFORCEMENT
17. PIER PRECAST ALTERNATE
18. BEAM SEAT DETAILS
19. 36W-INCH PRESTRESSED GIRDER
20. 36W-INCH PRESTRESSED GIRDER DETAILS
21. INTERMEDIATE STEEL DIAPHRAGM
22. SUPERSTRUCTURE PLAN
23. SUPERSTRUCTURE TYPICAL SECTION
24. DIAPHRAGM REINFORCEMENT AT PIER
25. DIAPHRAGM REINFORCEMENT AT ABUTMENTS
26. SUPERSTRUCTURE REINFORCEMENT
27. SINGLE SLOPE PARAPET 42SS MODIFIED (W. SIDE)
28. SINGLE SLOPE PARAPET 42SS MODIFIED (E. SIDE)
29. LIGHT STANDARD DETAILS
30. CONDUIT DETAILS
31. SOUTH STRUCTURAL APPROACH SLAB
32. NORTH STRUCTURAL APPROACH SLAB
33. STRUCTURAL APPROACH SLAB DETAILS
34. ALTERNATE CONSTRUCTION JOINT
35. AESTHETIC DETAILS #1
36. AESTHETIC DETAILS #2

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
18	965+09.31'SB'	WISDOT DISK TOP PARAPET NW QUAD B-53-85, 86.42' LT.	923.67
19	964+57.25'SB'	CHIS SQ TOP PARAPET 98.22' LT.	901.91
109599	963+41.33'SB'	DF9599 1J21, 60.80' RT.	915.52

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

PLAN B-53-343

(TWO SPAN 36W-INCH PRESTRESSED CONCRETE GIRDERS)

TRAFFIC DATA:

IH-39/90		STH 26	
A.A.D.T. (2017)	59,000	A.A.D.T. (2017)	32,680
A.A.D.T. (2040)	92,400	A.A.D.T. (2037)	37,635
DESIGN SPEED	70 M.P.H.	DESIGN SPEED	45 M.P.H.

William C. Dreher SDR
11/21/18

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588-7866

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266-8489

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B-53-343

IH-39/90 OVER STH 26

COUNTY: ROCK | ~~TOWN/CITY/VILLAGE~~: JANESVILLE

DESIGN SPEC.: AASHTO LRFD DESIGN SPEC.

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JDO	CDS	JDO	JJK

GENERAL PLAN

SHEET 1 OF 36

2475

8

FILE: 01&03-B530343_1sh.dwg
PLOT SCALE:

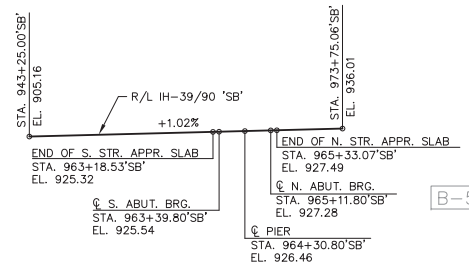
I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

STATE PROJECT NUMBER
1005-10-77

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	S. STR. APPR. SLAB	S. ABUT.	PIER	N. ABUT.	N. STR. APPR. SLAB	SUPER.	TOTALS
203.0200.004	REMOVING OLD STRUCTURE STA. 963+31	LS	---	---	---	---	---	---	1
203.0225.S.004	DEBRIS CONTAINMENT B-53-86	LS	---	---	---	---	---	---	1
206.1000.006	EXCAVATION FOR STRUCTURES BRIDGES B-53-343	LS	---	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	380	---	420	---	---	800
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	330	---	---	---	330	---	660
501.1000.S	ICE HOT WEATHER CONCRETING	LB	1080	730	1680	780	1080	5530	10880
502.0100	CONCRETE MASONRY BRIDGES	CY	30	97	224	104	30	---	485
502.3200	PROTECTIVE SURFACE TREATMENT	SY	223	---	---	---	223	1995	2441
502.3210	PIGMENTED SURFACE SEALER	SY	38	---	---	---	38	327	403
503.0137	PRESTRESSED GIRDER TYPE I 36W-INCH	LF	---	---	---	---	---	2246	2246
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	7080	6810	7230	---	---	21120
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	23370	760	33750	750	23370	146540	228540
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	---	---	---	3880	3880
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	13	26	13	---	---	52
506.4000.006	STEEL DIAPHRAGMS B-53-343	EACH	---	---	---	---	---	48	48
509.5100.S	POLYMER OVERLAY	SY	---	---	---	---	---	1940	1940
511.1200.003	TEMPORARY SHORING B-53-343	SF	---	650	---	680	---	---	1330
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	24	---	24	---	1	49
517.1010.S.006	CONCRETE STAINING B-53-343	SF	160	822	2982	874	160	4306	9304
517.1050.S.006	ARCHITECTURAL SURFACE TREATMENT B-53-343	SF	---	607	---	660	---	---	1267
550.2126	PILING CIP CONCRETE 12 3/4 X 0.375-INCH	LF	---	540	1200	540	---	---	2280
604.0400	SLOPE PAVING CONCRETE	SY	---	34	---	34	---	---	68
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	130	---	130	---	---	260
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	1	---	---	---	1	---	2
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	110	---	110	---	---	220
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	15	---	---	---	15	---	30
652.0210	CONDUIT RIGID NONMETALLIC SCHEDULE 40 1-INCH	LF	---	---	53	---	---	---	53
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	63	---	185	---	63	340	651
653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH	---	---	2	---	---	5	7
657.6005	ANCHOR ASSEMBLIES LIGHT POLES ON STRUCTURES	EACH	---	---	---	---	---	1	1
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	114	---	---	---	114	737	965
SPV.0060.700	JUNCTION BOXES 4 X 4 X 4-INCH	EACH	---	---	3	---	---	---	3
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	2000	---	---	---	2000	---	4000
(NON-BID ITEM)	FILLER	SIZE	---	---	---	---	---	---	½" & ¾"

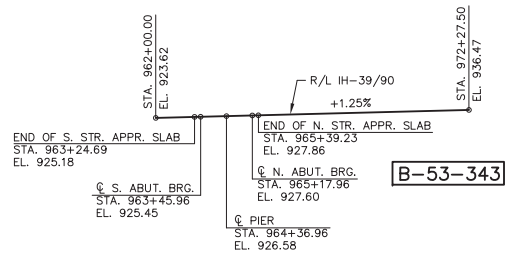
1



B-53-342

PROFILE GRADE LINE, R/L IH-39/90 'SB'

William C. Dreher SDR
11/21/18



B-53-343

PROFILE GRADE LINE, R/L IH-39/90

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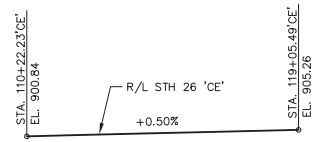
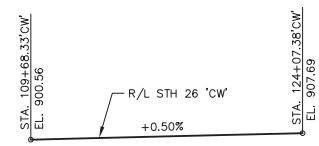
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/20/2018



PROFILE GRADE LINE, R/L STH 26 'CE'



PROFILE GRADE LINE, R/L STH 26 'CW'

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL BETWEEN THE FRONT FACE OF THE ABUTMENTS AND RETAINING WALLS SHALL BE COVERED WITH CONCRETE SLOPE PAVING TO THE EXTENT SHOWN ON THE "GENERAL PLAN" SHEET AND ON THE ABUTMENT SHEETS. SEE PLANS FOR RETAINING WALLS R-53-53 AND R-53-54 FOR FURTHER DETAILS.

AT THE BACKFACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE TYPE A, BID ITEM 210.1500, IS CALCULATED BASED ON WBM STANDARD DETAIL 9.01 STRUCTURE BACKFILL LIMITS AND NOTES.

THE COST OF FURNISHING AND PLACING THE MSE BACKFILL OR SIZE 2 COARSE AGGREGATE UNDER THE SLOPE PAVING SHALL BE INCLUDED WITH THE BID ITEM "SLOPE PAVING CONCRETE".

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "36W-INCH PRESTRESSED GIRDER DETAILS" SHEET.

THE CONTRACTOR MAY FURNISH A PRECAST PIER (CAP AND COLUMN ELEMENTS) IN LIEU OF THE CAST-IN-PLACE PIER WITH THE ACCEPTANCE OF THE SHOP DRAWINGS BY THE STRUCTURES DESIGN SECTION. THE PRECAST PIER SHALL CONFORM TO PRECAST DETAILS IN CHAPTER 7 STANDARDS OF THE CURRENT WISCONSIN DOT BRIDGE MANUAL. PAYMENT FOR THE PRECAST PIER SHALL BE BASED OFF THE QUANTITIES AND PRICES BID FOR THE ITEMS LISTED IN THE "TOTAL ESTIMATED QUANTITIES."

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS PER THE STANDARD SPECIFICATION. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE CONCRETE BARRIER AND PARAPETS PER THE STANDARD SPECIFICATION. SEE "ELEVATION" SHEET FOR PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER LIMITS.

RECESSES AND RELIEF ON THE BACK OF PARAPETS SHALL BE FORMED PER THE DETAILS SHOWN IN THE PLANS AND SHALL BE INCLUDED IN THE COST OF "HPC MASONRY STRUCTURES". RECESSES AND RELIEF ON THE PIER COLUMNS SHALL BE FORMED PER THE DETAILS SHOWN IN THE PLANS AND SHALL BE INCLUDED IN THE COST OF "CONCRETE MASONRY BRIDGES". FORMLINER ON THE ABUTMENTS AND WINGS SHALL BE PAID FOR UNDER THE BID ITEM "ARCHITECTURAL SURFACE TREATMENT B-53-343".

IF TOUCH UP STAINING IS REQUIRED AFTER INSTALLATION IS COMPLETE, ALL TOUCH UP STAINING IS TO BE DONE TO THE SATISFACTION OF THE FIELD ENGINEER AT NO ADDITIONAL COST.

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-343 WITH RETAINING WALLS R-53-53 AND R-53-54.

THE CONCRETE QUANTITIES FOR THE PARAPETS, SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS (EXCLUDING THE FOOTINGS), CONCRETE DIAPHRAGMS AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HPC MASONRY STRUCTURES".

THE EXISTING STRUCTURE B-53-86 IS A FOUR SPAN PRESTRESSED CONCRETE GIRDER WITH REINFORCED CONCRETE DECK BRIDGE WITH AN OVERALL LENGTH OF 211'-8¼" AND A CLEAR ROADWAY WIDTH THAT VARIES FROM 38'-9⅝" TO 45'-2". SUPERSTRUCTURE, PIERS AND ABUTMENTS SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS NOTED IN THESE PLANS. COMPLETELY REMOVE ALL EXISTING PILES LOCATED WITHIN THE RETAINING WALL REINFORCED SOIL ZONES DOWN TO THE BOTTOM OF THE "BACKFILL GRANULAR GRADE 1" LIMITS. SEE RETAINING WALLS R-53-53 & R-53-54 PLANS FOR LIMITS.

CONCRETE MASONRY REQUIRES A MINIMUM CURE TIME OF 28 DAYS BEFORE PLACING POLYMER OVERLAY.

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

ALL TOP OF CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY.

BRIDGE DECK SHALL BE TRANSVERSELY TINED ACCORDING TO THE STANDARD SPECIFICATION 502.3.7.8 (14).

BID ITEM SPV.0165.700 "LONGITUDINAL GROOVING BRIDGE DECK" SHALL ONLY BE APPLIED TO THE STRUCTURAL APPROACH SLABS. DO NOT APPLY "LONGITUDINAL GROOVING BRIDGE DECK" TO THE DECK OF THE BRIDGE.

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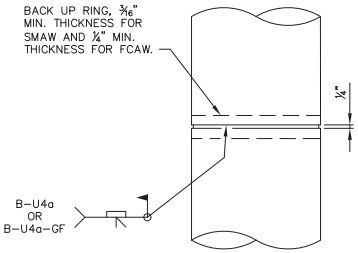
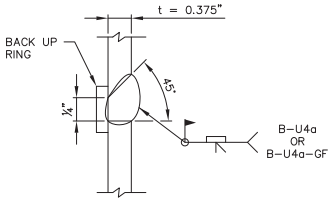


CAST-IN-PLACE 'PIPE PILE'

NOTE: CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION.



C.I.P. PILE WELD DETAIL

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-343

DRAWN BY JDO | PLANS CK'D JJK

GENERAL NOTES, QUANTITIES AND PROFILES

SHEET 2 OF 36

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FILE: 02-B530343_gnt.dwg
PLOT SCALE:

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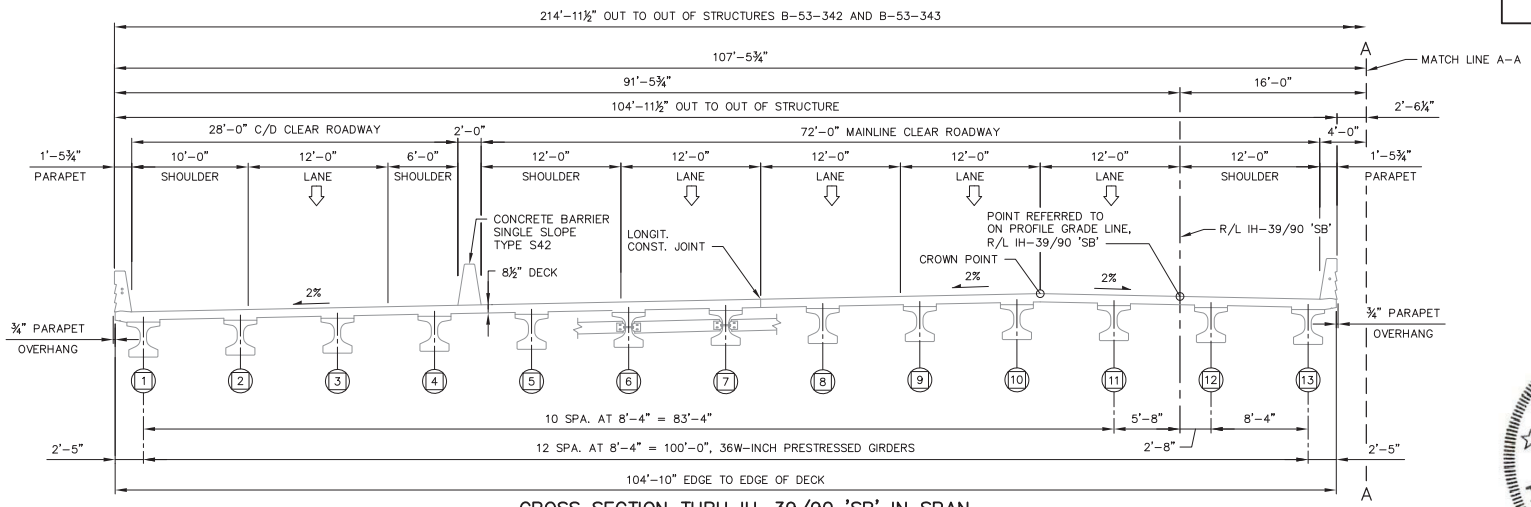


CROSS SECTION THRU IH-39/90 'SB' IN SPAN

(LOOKING NORTH)

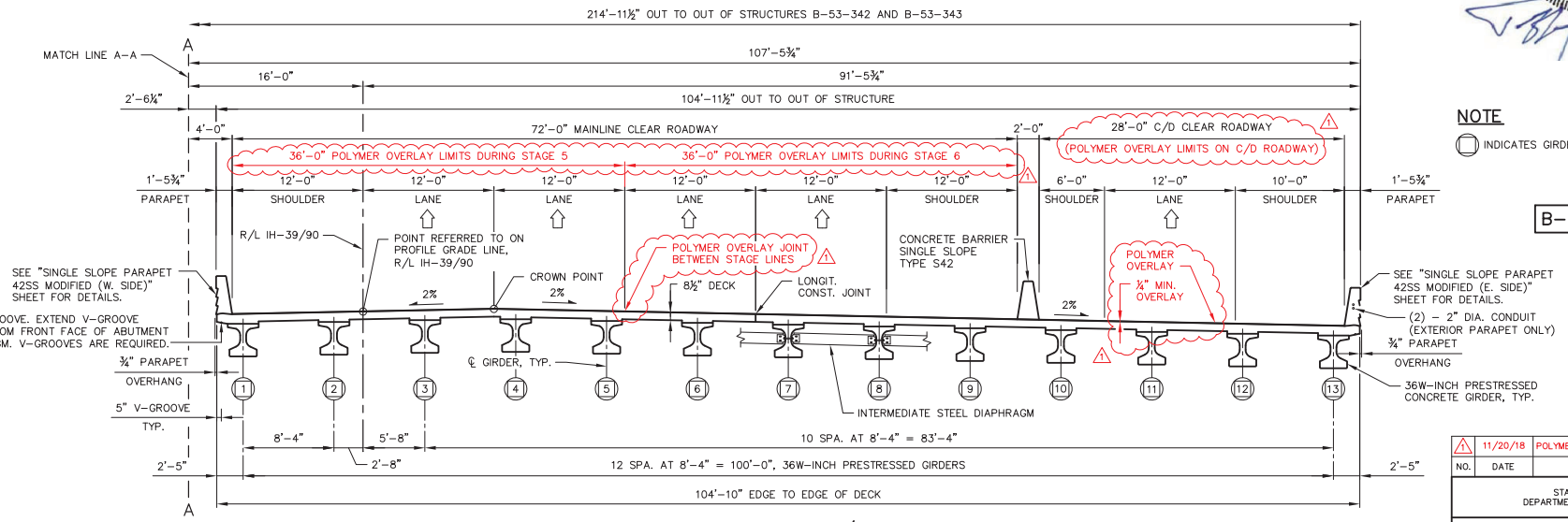
B-53-342

William C. Dreher SDR

11/21/18

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER

11/20/2018



CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

NOTE

INDICATES GIRDER LINE DESIGNATION

B-53-343

Addendum No. 1
ID 1005-10-77
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NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-343

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CROSS SECTION IN SPAN

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2478

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

FILE: 04-05-B530343_crs.dwg
PLOT SCALE:

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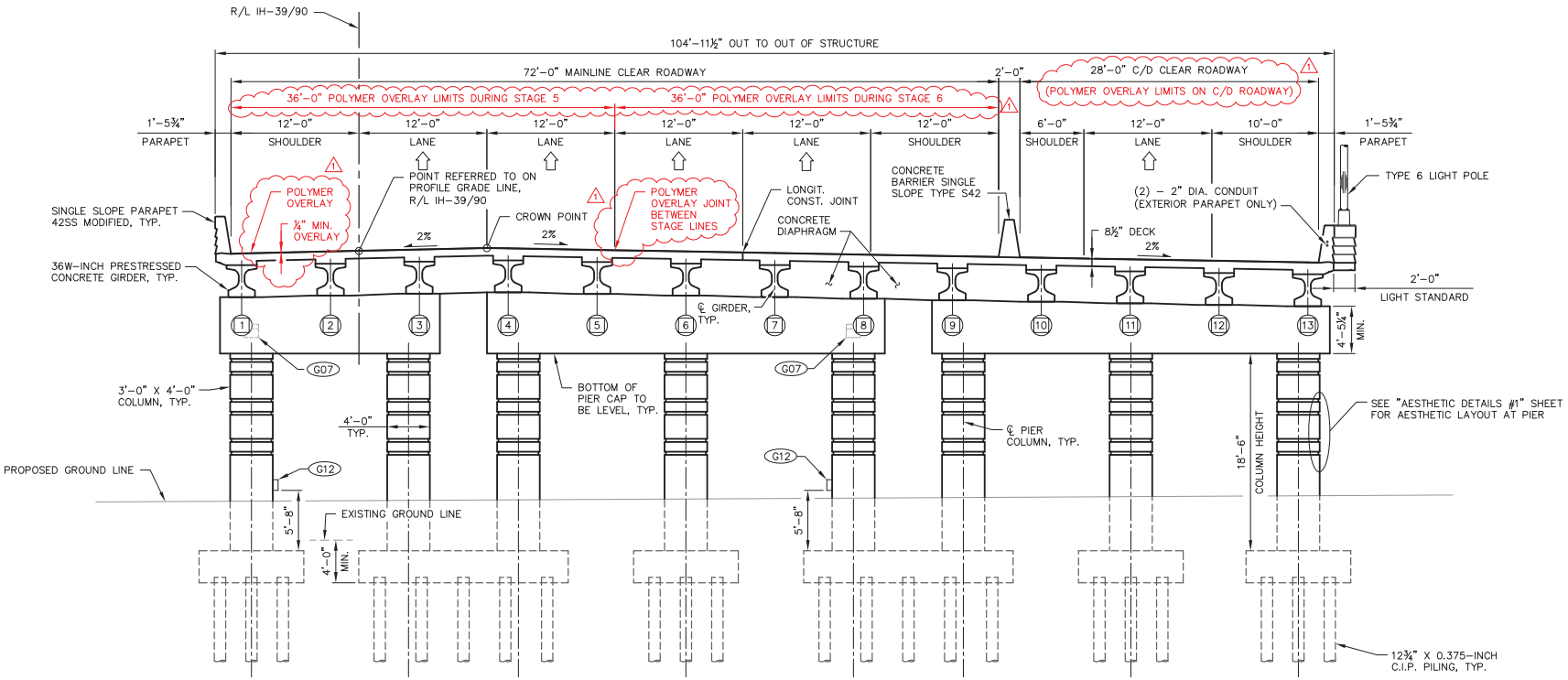
STATE PROJECT NUMBER

1005–10–77



CROSS SECTION THRU IH–39/90 AT PIER
(LOOKING NORTH)

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NOTES

SEE "CROSS SECTION IN SPAN" SHEET FOR 36W–INCH PRESTRESSED GIRDER SPACING.

INDICATES GIRDER LINE DESIGNATION

(G07) UNDERDECK LIGHTING LOCATED ON PIER CAP. SEE ROADWAY PLANS FOR LOCATIONS AND DETAILS.

(G12) MOUNT JUNCTION BOXES FOR UNDERDECK LIGHTING TO THE SIDE OF PIER COLUMNS. SEE "PIER" SHEET FOR DETAILS.

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–343

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CROSS SECTION AT PIER

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I.D. 1005–10–77 PLOT DATE: Nov 20, 2018

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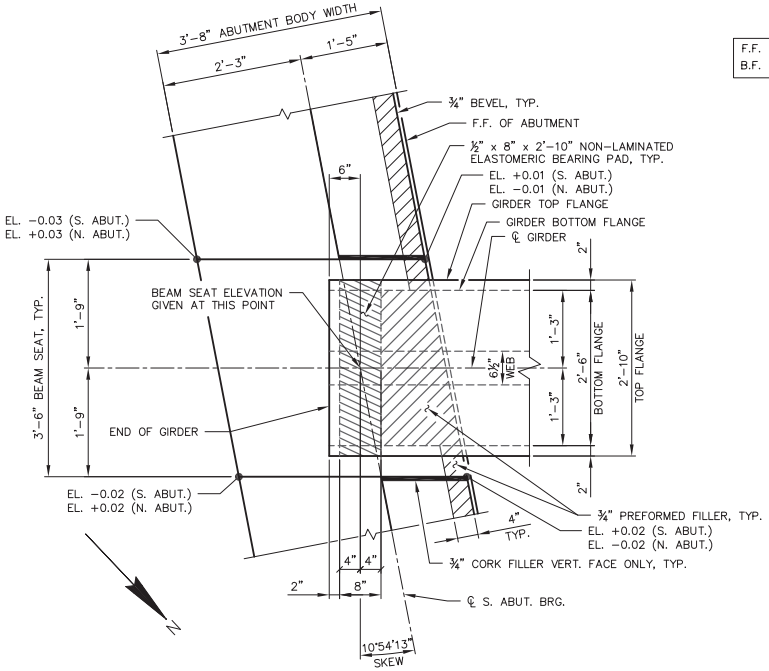
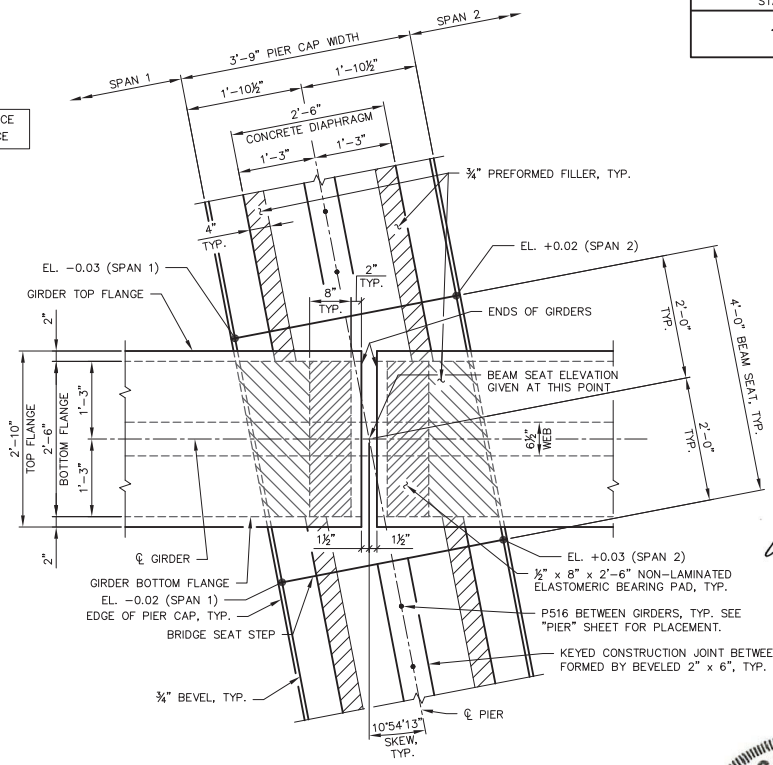
F.F. – FRONT FACE
B.F. – BACK FACE



ABUTMENT BEAM SEAT DETAIL

(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT SIMILAR)



PIER BEAM SEAT DETAIL

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11/21/18

TOP OF DECK ELEVATIONS

SPAN 1	℄ S. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	℄ PIER
WEST DECK EDGE	925.18	925.29	925.40	925.52	925.63	925.75	925.86	925.97	926.09	926.20	926.31
GIRDER 1	925.20	925.31	925.43	925.54	925.65	925.77	925.88	926.00	926.11	926.22	926.34
GIRDER 2	925.39	925.50	925.62	925.73	925.84	925.96	926.07	926.19	926.30	926.41	926.53
GIRDER 3	925.57	925.68	925.80	925.91	926.02	926.14	926.25	926.37	926.48	926.59	926.71
CROWN POINT	925.71	925.83	925.94	926.06	926.17	926.28	926.40	926.51	926.62	926.74	926.85
GIRDER 4	925.68	925.79	925.91	926.02	926.13	926.25	926.36	926.48	926.59	926.70	926.82
GIRDER 5	925.53	925.64	925.76	925.87	925.98	926.10	926.21	926.33	926.44	926.55	926.67
GIRDER 6	925.39	925.50	925.62	925.73	925.84	925.96	926.07	926.19	926.30	926.41	926.53
CONST. JOINT	925.29	925.41	925.52	925.63	925.75	925.86	925.97	926.09	926.20	926.32	926.43
GIRDER 7	925.24	925.35	925.47	925.58	925.69	925.81	925.92	926.04	926.15	926.26	926.38
GIRDER 8	925.09	925.20	925.32	925.43	925.54	925.66	925.77	925.89	926.00	926.11	926.23
GIRDER 9	924.95	925.06	925.18	925.29	925.40	925.52	925.63	925.75	925.86	925.97	926.09
GIRDER 10	924.80	924.91	925.03	925.14	925.25	925.37	925.48	925.60	925.71	925.82	925.94
GIRDER 11	924.65	924.76	924.88	924.99	925.10	925.22	925.33	925.45	925.56	925.67	925.79
GIRDER 12	924.51	924.62	924.74	924.85	924.96	925.08	925.19	925.31	925.42	925.53	925.65
GIRDER 13	924.36	924.47	924.59	924.70	924.81	924.93	925.04	925.16	925.27	925.38	925.50
EAST DECK EDGE	924.34	924.46	924.57	924.68	924.80	924.91	925.02	925.14	925.25	925.37	925.48

SPAN 2	℄ PIER	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	℄ N. ABUT. BRG.
WEST DECK EDGE	926.31	926.42	926.52	926.62	926.72	926.82	926.92	927.02	927.12	927.23	927.33
GIRDER 1	926.34	926.44	926.54	926.64	926.74	926.84	926.94	927.05	927.15	927.25	927.35
GIRDER 2	926.53	926.63	926.73	926.83	926.93	927.03	927.13	927.24	927.34	927.44	927.54
GIRDER 3	926.71	926.81	926.91	927.01	927.11	927.21	927.31	927.42	927.52	927.62	927.72
CROWN POINT	926.85	926.95	927.05	927.16	927.26	927.36	927.46	927.56	927.66	927.76	927.87
GIRDER 4	926.82	926.92	927.02	927.12	927.22	927.32	927.43	927.53	927.63	927.73	927.83
GIRDER 5	926.67	926.77	926.87	926.97	927.07	927.17	927.28	927.38	927.48	927.58	927.68
GIRDER 6	926.53	926.63	926.73	926.83	926.93	927.03	927.14	927.24	927.34	927.44	927.54
CONST. JOINT	926.43	926.53	926.63	926.73	926.84	926.94	927.04	927.14	927.24	927.34	927.44
GIRDER 7	926.38	926.48	926.58	926.68	926.78	926.88	926.99	927.09	927.19	927.29	927.39
GIRDER 8	926.23	926.33	926.43	926.53	926.63	926.73	926.84	926.94	927.04	927.14	927.24
GIRDER 9	926.09	926.19	926.29	926.39	926.49	926.59	926.70	926.80	926.90	927.00	927.10
GIRDER 10	925.94	926.04	926.14	926.24	926.34	926.44	926.55	926.65	926.75	926.85	926.95
GIRDER 11	925.79	925.89	925.99	926.09	926.19	926.29	926.40	926.50	926.60	926.70	926.80
GIRDER 12	925.65	925.75	925.85	925.95	926.05	926.15	926.26	926.36	926.46	926.56	926.66
GIRDER 13	925.50	925.60	925.70	925.80	925.90	926.00	926.11	926.21	926.31	926.41	926.51
EAST DECK EDGE	925.48	925.58	925.68	925.78	925.89	925.99	926.09	926.19	926.29	926.39	926.49

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

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1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-343

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BEAM SEAT DETAILS

SHEET 18 OF 36

2492

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PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

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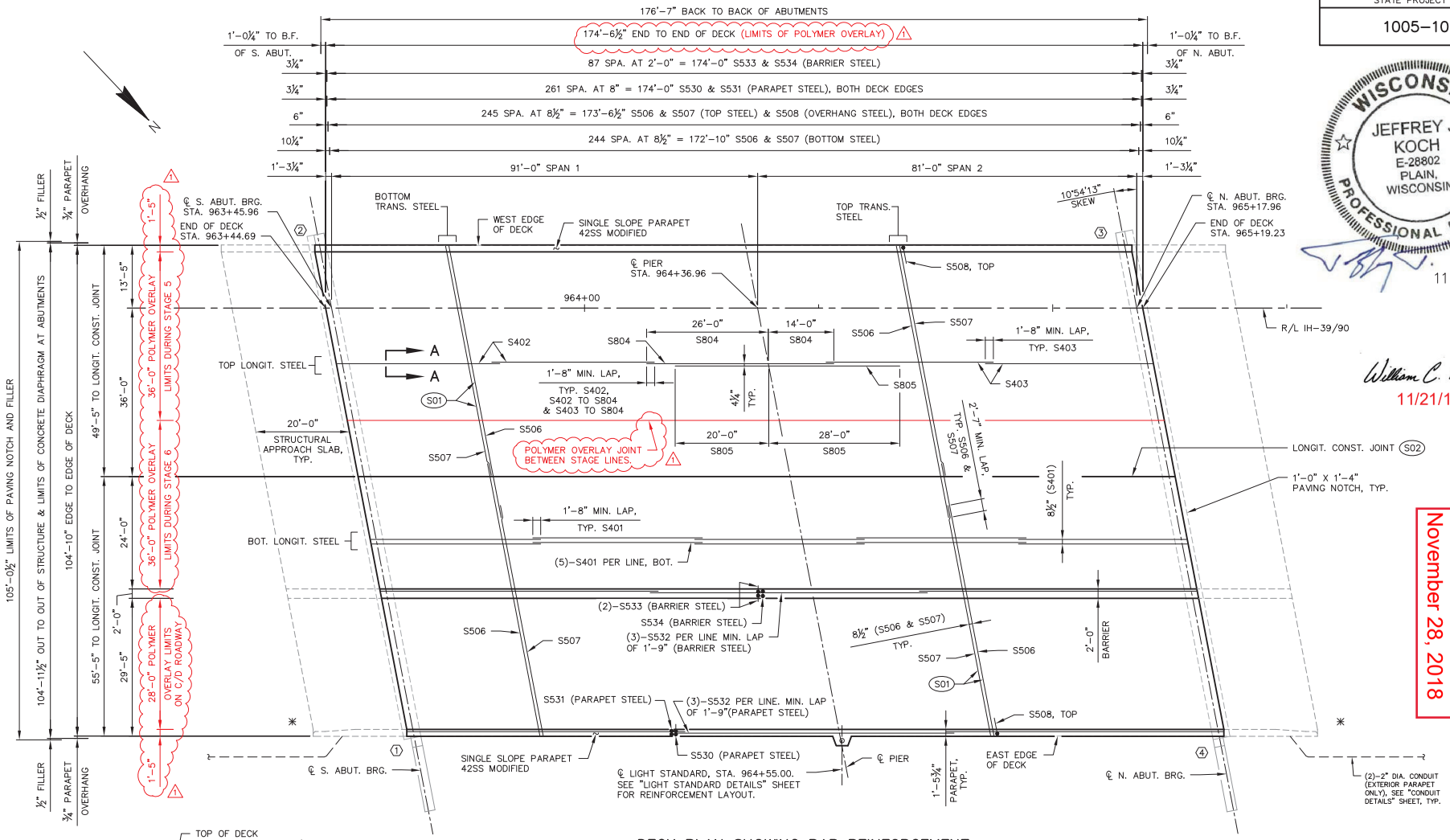
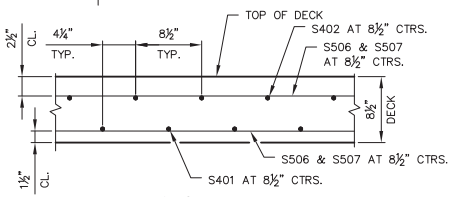


DECK PLAN SHOWING BAR REINFORCEMENT



SECTION A–A

(IN SPAN 1 SHOWN, SPAN 2 SIMILAR)

NOTES

(S01) ALTERNATE BETWEEN S506 & S507 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

(S02) ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" x ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

⬡ INDICATES WING NUMBER

✳ ANCHOR ASSEMBLY FOR STEEL PLATE BEAM GUARD

POLYMER OVERLAY TO EXTEND FROM END OF DECK TO END OF DECK ONLY. POLYMER OVERLAY NOT TO BE PLACED ON STRUCTURAL APPROACH SLABS.

F.F. – FRONT FACE
B.F. – BACK FACE

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11/20/2018

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11/21/18

Addendum No. 1
ID 1005-10-77
Revised Sheet 2496
November 28, 2018

NO.	DATE	REVISION	BY
1	11/20/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-343

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SUPERSTRUCTURE PLAN

SHEET 22 OF 36

2496

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FILE: 22-26-B530343_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 20, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2497
November 28, 2018

STATE PROJECT NUMBER
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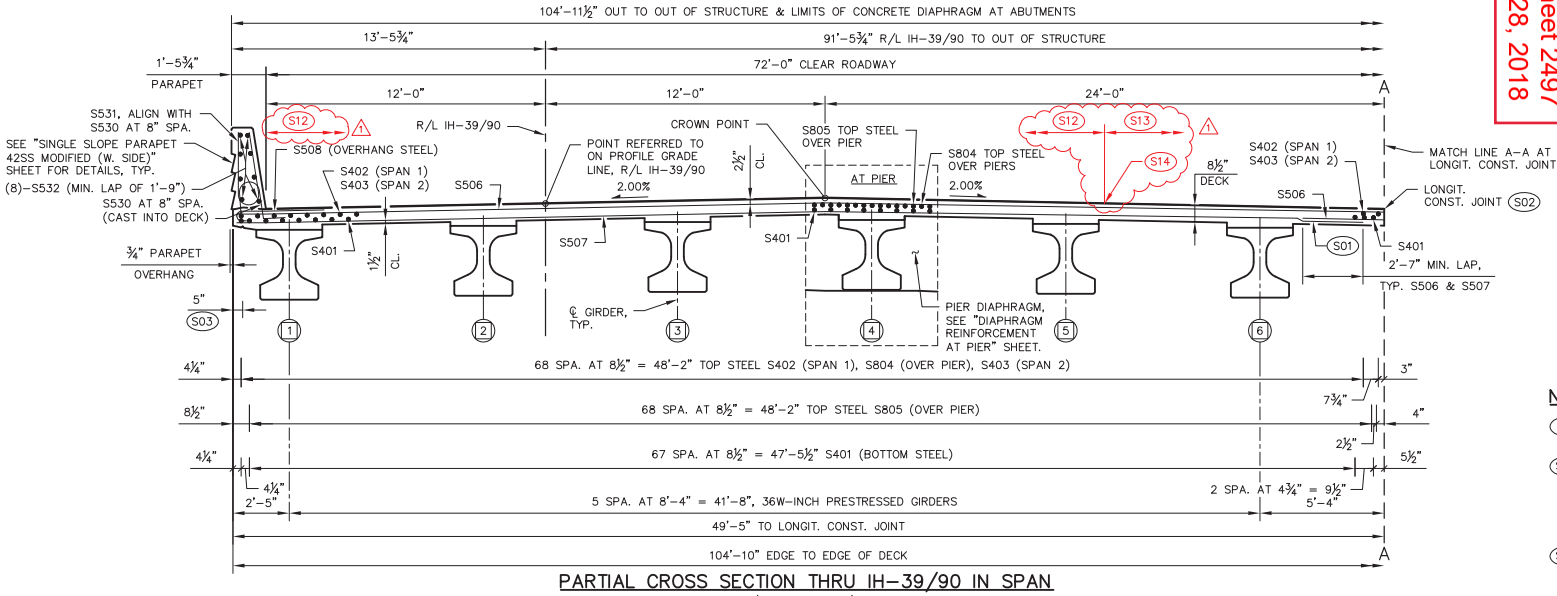
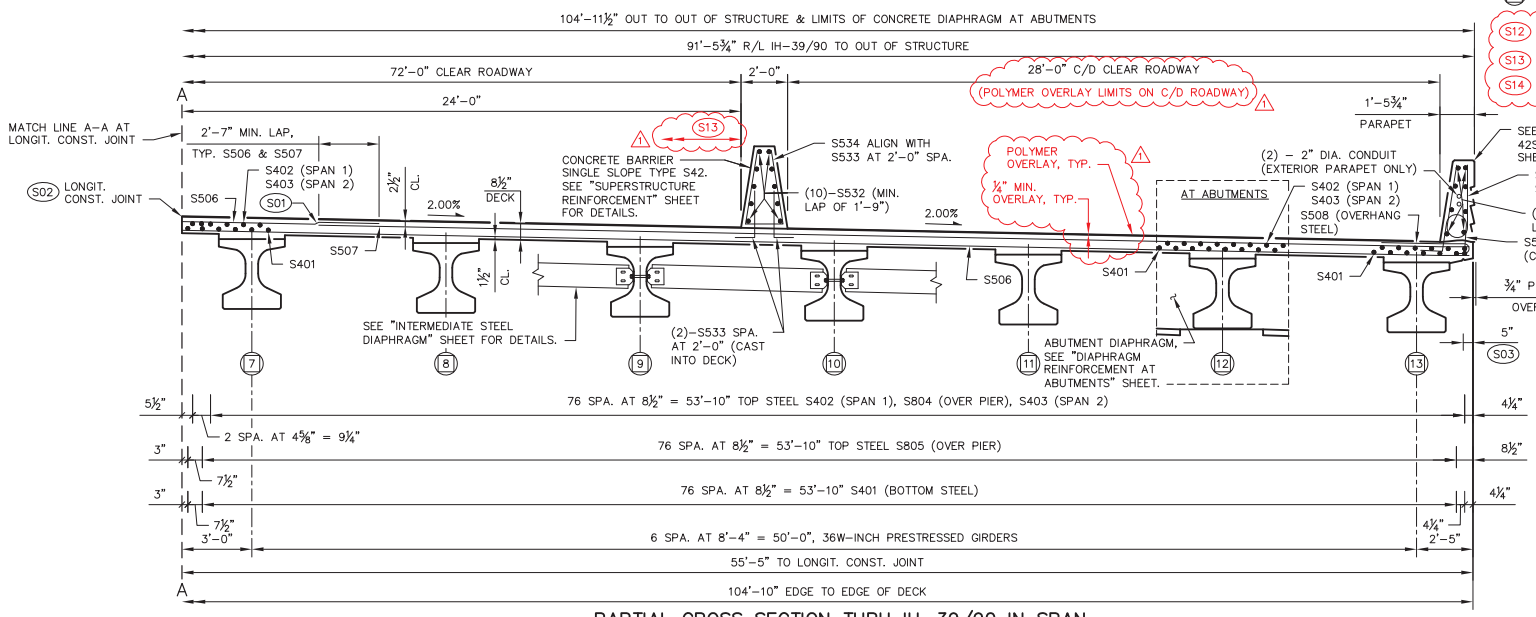


PARTIAL CROSS SECTION THRU IH–39/90 IN SPAN

(LOOKING NORTH)



PARTIAL CROSS SECTION THRU IH–39/90 IN SPAN

(LOOKING NORTH)

NOTES

S01 ALTERNATE BETWEEN S506 & S507 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

S02 ROUTE OUT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES" SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

S03 ¾" V–GROOVE. EXTEND V–GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM. V–GROOVES ARE REQUIRED.

INDICATES GIRDER LINE DESIGNATION

S12 36'–0" POLYMER OVERLAY LIMITS DURING STAGE 5.

S13 36'–0" POLYMER OVERLAY LIMITS DURING STAGE 6.

S14 POLYMER OVERLAY JOINT BETWEEN STAGE LINES.

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11/20/2018

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11/21/18

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NO.	DATE	REVISION	BY
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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–343

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SUPERSTRUCTURE TYPICAL SECTION

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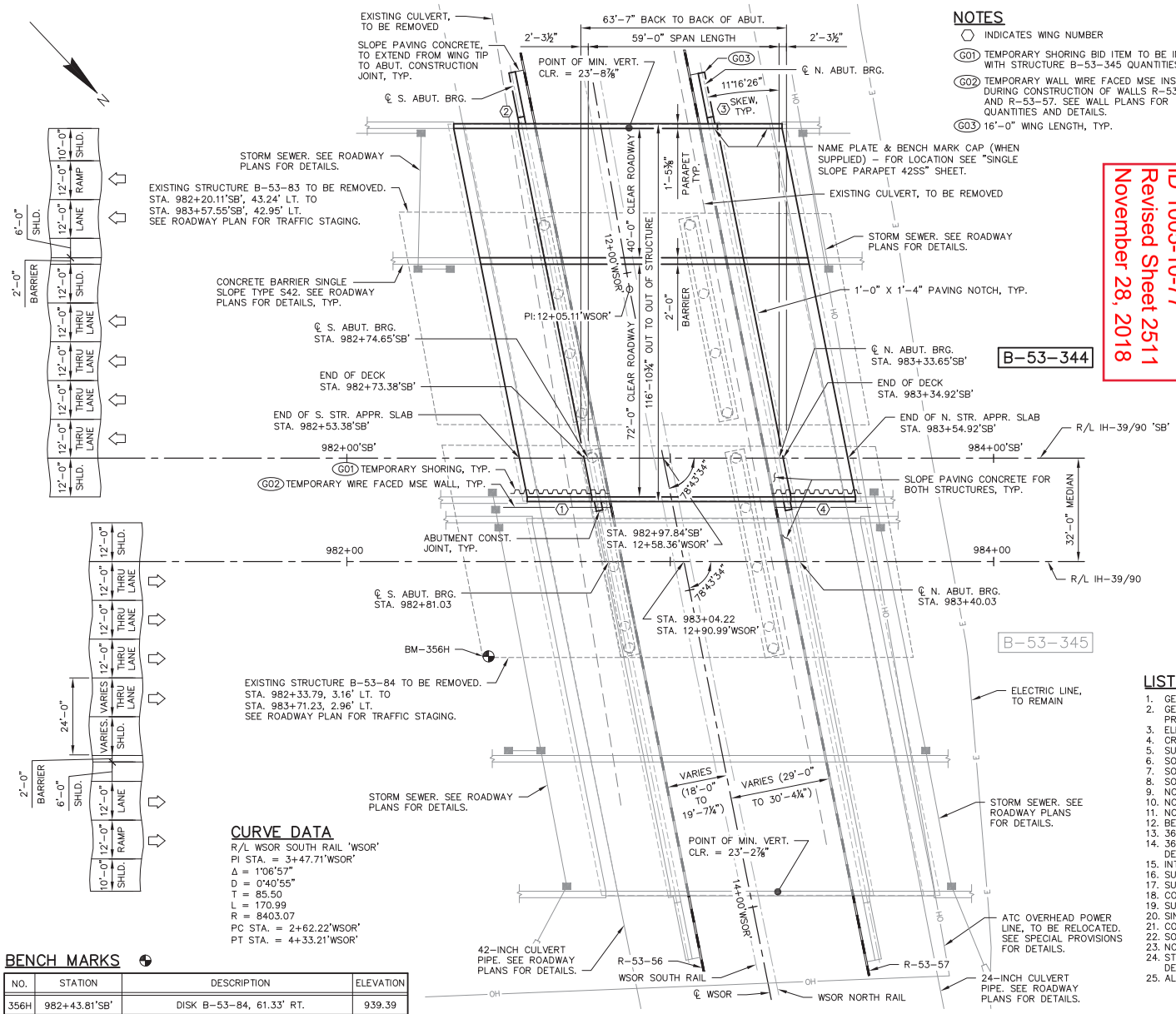
STATE PROJECT NUMBER

1005-10-77



NOTES

⬡ INDICATES WING NUMBER

G01 TEMPORARY SHORING BID ITEM TO BE INCLUDED WITH STRUCTURE B-53-345 QUANTITIES.

G02 TEMPORARY WALL WIRE FACED MSE INSTALLED DURING CONSTRUCTION OF WALLS R-53-56 AND R-53-57. SEE WALL PLANS FOR QUANTITIES AND DETAILS.

G03 16'-0" WING LENGTH, TYP.

Addendum No. 1
ID 1005-10-77
Revised Sheet 2511
November 28, 2018

DESIGN DATA

LIVE LOAD:

DESIGN LOADING — HL-93
INVENTORY RATING FACTOR — RF=1.16
OPERATING RATING FACTOR — RF=1.51
WISCONSIN STANDARD PERMIT VEHICLE RATING (WIS.-SPV): — 250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT. STRUCTURE IS RATED FOR A POLYMER OVERLAY OF 5 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY,
HPC DECK, PARAPETS, BARRIER, DIAPHRAGMS & STR. APPR. SLABS — $f'c$ = 4,000 P.S.I.
ALL OTHER (INCL. STR. APPR. SLAB FTGS.) — $f'c$ = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT — fy = 60,000 P.S.I.
36W-INCH PRESTRESSED GIRDERS
CONCRETE MASONRY — $f'c$ = 8,000 P.S.I.
STRANDS - 0.6" DIAMETER WITH AN ULTIMATE TENSILE STRENGTH OF — fu = 270,000 P.S.I.

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON 12¾" X 0.375-INCH C.I.P. PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 190 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 40 FT. PILE LENGTHS AT THE SOUTH ABUTMENT AND 40 FT. PILE LENGTHS AT THE NORTH ABUTMENT.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING THE MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC DATA:

IH-39/90
A.A.D.T. (2017) — 59,000
A.A.D.T. (2040) — 92,400
DESIGN SPEED — 70 M.P.H.

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES, QUANTITIES AND PROFILES
3. ELEVATION
4. CROSS SECTION
5. SUBSURFACE EXPLORATION
6. SOUTH ABUTMENT
7. SOUTH ABUTMENT DETAILS
8. SOUTH ABUTMENT REINFORCEMENT
9. NORTH ABUTMENT
10. NORTH ABUTMENT DETAILS
11. NORTH ABUTMENT REINFORCEMENT
12. BEAM SEAT DETAILS
13. 36W-INCH PRESTRESSED GIRDER
14. 36W-INCH PRESTRESSED GIRDER DETAILS
15. INTERMEDIATE STEEL DIAPHRAGM
16. SUPERSTRUCTURE PLAN
17. SUPERSTRUCTURE TYPICAL SECTION
18. CONCRETE ABUTMENT DIAPHRAGM
19. SUPERSTRUCTURE REINFORCEMENT
20. SINGLE SLOPE PARAPET 42SS
21. CONDUIT DETAILS
22. SOUTH STRUCTURAL APPROACH SLAB
23. NORTH STRUCTURAL APPROACH SLAB
24. STRUCTURAL APPROACH SLAB DETAILS
25. ALTERNATE CONSTRUCTION JOINT

CURVE DATA

R/L WSOR SOUTH RAIL 'WSOR'
PI STA. = 3+47.71'WSOR'
Δ = 1°06'57"
D = 0°40'55"
T = 85.50
L = 170.99
R = 8403.07
PC STA. = 2+62.22'WSOR'
PT STA. = 4+33.21'WSOR'

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
356H	982+43.81'SB'	DISK B-53-84, 61.33' RT.	939.39

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

PLAN B-53-344

(SINGLE SPAN 36W-INCH PRESTRESSED CONCRETE GIRDERS)

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588-7866

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266-8489

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B-53-344

IH-39/90 'SB' OVER WISCONSIN SOUTHERN RAILROAD

COUNTY: ROCK | TOWN/CITY/VILLAGE: JANESVILLE

DESIGN SPEC.: AASHTO LRFD DESIGN SPEC.

DESIGNED BY: JDO | DESIGN CK'D.: CDS | DRAWN BY: JDO | PLANS CK'D.: JJK

GENERAL PLAN

SHEET 1 OF 25

2511

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FILE: 01&03-B530344_fsh.dwg
PLOT SCALE:

I.D. 1005-10-77

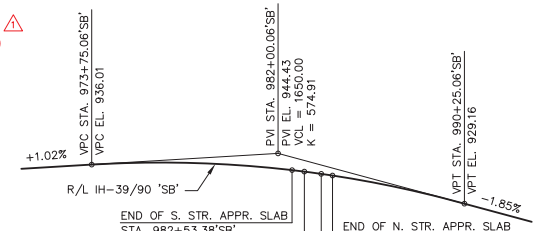
PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER
1005-10-77

TOTAL ESTIMATED QUANTITIES

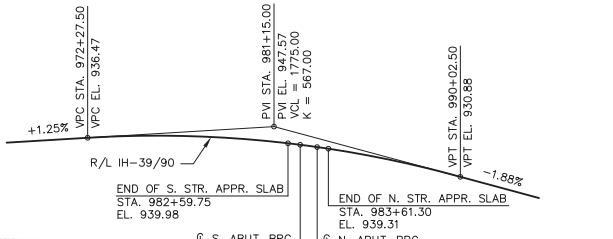
ITEM NO.	BID ITEMS	UNIT	S. STR. APPR. SLAB	S. ABUT.	N. ABUT.	N. STR. APPR. SLAB	SUPER.	TOTALS
203.0200.005	REMOVING OLD STRUCTURE STA. 982+88'SB'	LS	---	---	---	---	---	1
203.0225.S.005	DEBRIS CONTAINMENT STRUCTURE B-53-83	LS	---	---	---	---	---	1
206.1000.007	EXCAVATION FOR STRUCTURES BRIDGES B-53-344	LS	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	400	400	---	---	800
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	370	---	---	370	---	740
501.1000.S	ICE HOT WEATHER CONCRETING	LB	1200	760	750	1200	2540	6450
502.0100	CONCRETE MASONRY BRIDGES	CY	34	101	100	34	---	269
502.3200	PROTECTIVE SURFACE TREATMENT	SY	249	---	---	249	62 ◑	560
502.3210	PIGMENTED SURFACE SEALER	SY	38	---	---	38	115	191
503.0137	PRESTRESSED GIRDER TYPE I 36W-INCH	LF	---	---	---	---	720	720
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	7610	7550	---	---	15160
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	25970	780	770	25970	52690	106180
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	---	---	5070	5070
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	12	12	---	---	24
506.4000.007	STEEL DIAPHRAGMS B-53-344	EACH	---	---	---	---	11	11
509.5100.S	POLYMER OVERLAY	SY	---	---	---	---	766	766
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	24	24	---	1	49
550.2126	PILING CIP CONCRETE 12 3/4 X 0.375-INCH	LF	---	760	760	---	---	1520
604.0400	SLOPE PAVING CONCRETE	SY	---	36	36	---	---	72
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	145	145	---	---	290
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	121	120	---	---	241
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	23	---	---	23	---	46
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	94	---	---	94	166	354
653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH	---	---	---	---	6	6
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	125	---	---	125	338	588
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	2240	---	---	2240	---	4480
(NON-BID ITEM)	FILLER	SIZE	---	---	---	---	---	½" & ¾"

◑ PROTECTIVE SURFACE TREATMENT QUANTITY SHOWN FOR SUPERSTRUCTURE IS FOR THE PAVING NOTCH BETWEEN ABUTMENT DIAPHRAGMS AND STRUCTURAL APPROACH SLABS ONLY. DO NOT APPLY PROTECTIVE SURFACE TREATMENT TO THE SUPERSTRUCTURE DECK.



PROFILE GRADE LINE, R/L IH-39/90 'SB'

William C. Dreher SDR
11/21/18



PROFILE GRADE LINE, R/L IH-39/90

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL BETWEEN THE FRONT FACE OF THE ABUTMENTS AND RETAINING WALLS SHALL BE COVERED WITH CONCRETE SLOPE PAVING TO THE EXTENT SHOWN ON THE "GENERAL PLAN" SHEET AND ON THE ABUTMENT SHEETS. SEE PLANS FOR RETAINING WALLS R-53-56 AND R-53-57 FOR FURTHER DETAILS.

AT THE BACKFACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE TYPE A, BID ITEM 210.1500, IS CALCULATED BASED ON WBM STANDARD DETAIL 9.01 STRUCTURE BACKFILL LIMITS AND NOTES.

THE COST OF FURNISHING AND PLACING THE MSE BACKFILL OR SIZE 2 COARSE AGGREGATE UNDER THE SLOPE PAVING SHALL BE INCLUDED WITH THE BID ITEM "SLOPE PAVING CONCRETE".

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "36W-INCH PRESTRESSED GIRDER DETAILS" SHEET.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

THE CONCRETE QUANTITIES FOR THE PARAPETS, BARRIER, SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS (EXCLUDING THE FOOTINGS), CONCRETE DIAPHRAGMS, AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HPC MASONRY STRUCTURES".

THE EXISTING STRUCTURE B-53-83 IS A THREE SPAN 36-INCH PRESTRESSED CONCRETE GIRDER BRIDGE WITH AN OVERALL LENGTH OF 137'-5¼" AND A CLEAR ROADWAY WIDTH OF 62'-0". SUPERSTRUCTURES, PIERS AND ABUTMENTS SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS NOTED IN THESE PLANS. COMPLETELY REMOVE ALL EXISTING PILES LOCATED WITHIN THE RETAINING WALL REINFORCED SOIL ZONES DOWN TO THE BOTTOM OF THE "BACKFILL GRANULAR GRADE 1" LIMITS. SEE RETAINING WALLS R-53-56 AND R-53-57 PLANS FOR LIMITS. ALL EXISTING STRUCTURE REMOVAL INCLUDED WITH THE BID ITEM "REMOVING OLD STRUCTURE STA. 982+88'SB'".
CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-344 WITH RETAINING WALLS R-53-56 AND R-53-57.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ~~SUPERSTRUCTURE DECK AND~~ STRUCTURAL APPROACH SLABS PER THE STANDARD SPECIFICATION. DO NOT APPLY PROTECTIVE SURFACE TREATMENT TO THE SUPERSTRUCTURE DECK. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE CONCRETE BARRIER AND PARAPETS PER THE STANDARD SPECIFICATION. SEE "ELEVATION" SHEET FOR PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER LIMITS.

CONCRETE MASONRY REQUIRES A MINIMUM CURE TIME OF 28 DAYS BEFORE PLACING POLYMER OVERLAY.

POLYMER OVERLAY IS TO BE PLACED ON THE BRIDGE DECK PRIOR TO TRAFFIC. THE BRIDGE DECK IS NOT TO BE TRANSVERSELY TINED ACCORDING TO THE STANDARD SPECIFICATION 502.3.7.8 (14).

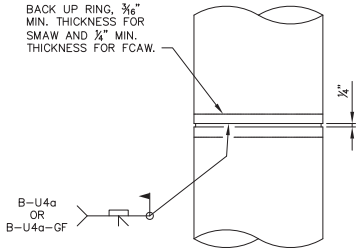
DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

ALL TOP OF CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY.

BID ITEM SPV.0165.700 "LONGITUDINAL GROOVING BRIDGE DECK" SHALL ONLY BE APPLIED TO THE STRUCTURAL APPROACH SLABS. DO NOT APPLY "LONGITUDINAL GROOVING BRIDGE DECK" TO THE DECK OF THE BRIDGE.

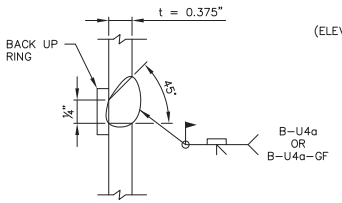
WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/21/2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2512
November 28, 2018

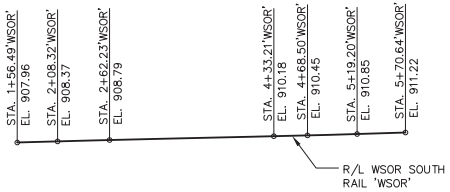


CAST-IN-PLACE 'PIPE PILE'

NOTE: CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION.



C.I.P. PILE WELD DETAIL



PROFILE GRADE LINE, R/L WSOR SOUTH RAIL
(ELEVATIONS BASED ON TOP OF RAIL FIELD SURVEY)

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-344

DRAWN BY JDO | PLANS CK'D JJK

GENERAL NOTES, QUANTITIES AND PROFILES

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2512

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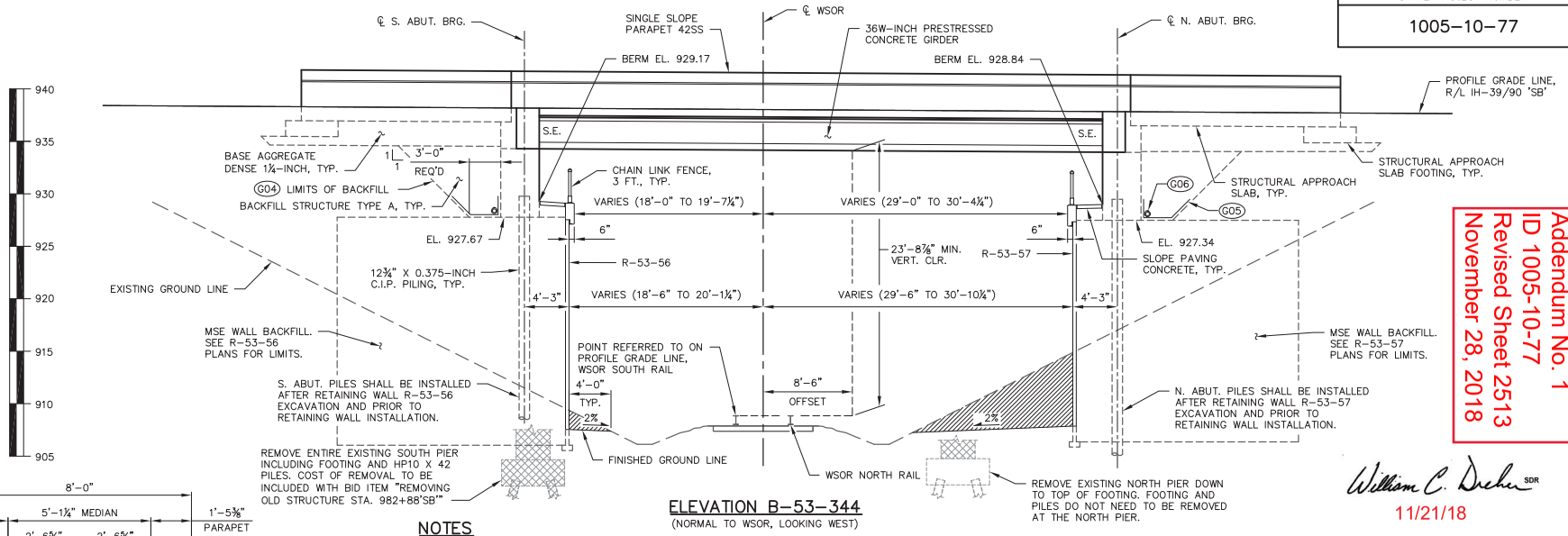
PLOT SCALE:

STATE PROJECT NUMBER

1005-10-77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2513
November 28, 2018

William C. Dreher SDR
11/21/18



ELEVATION B-53-344

(NORMAL TO WSOR, LOOKING WEST)

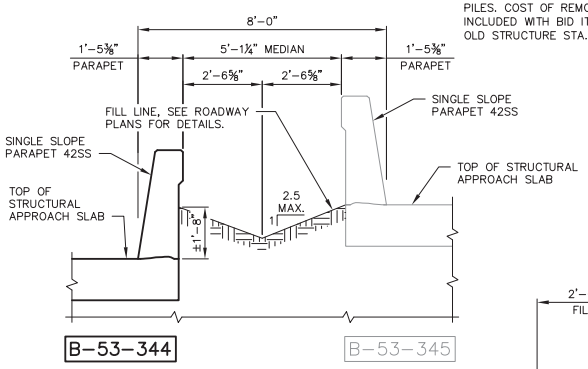
NOTES

COST OF EXCAVATION IN THE HATCHED AREAS SHALL BE CONSIDERED "EXCAVATION COMMON." SEE ROADWAY PLANS.

G04 BACKFILL PAY LIMITS FOR BRIDGE STRUCTURE. SEE R-53-56 AND R-53-57 PLANS FOR FILL LIMITS BEYOND THE BRIDGE STRUCTURE BACKFILL PAY LIMITS.

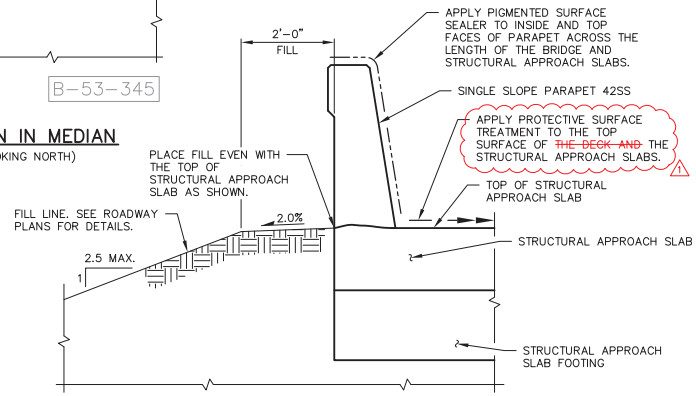
G05 "GEOTEXTILE TYPE DF SCHEDULE A" LIMITS. EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT.

G06 PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN AS DETAILED IN "SOUTH ABUTMENT REINFORCEMENT" SHEET. RODENT SHIELD IS INCLUDED WITH THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".



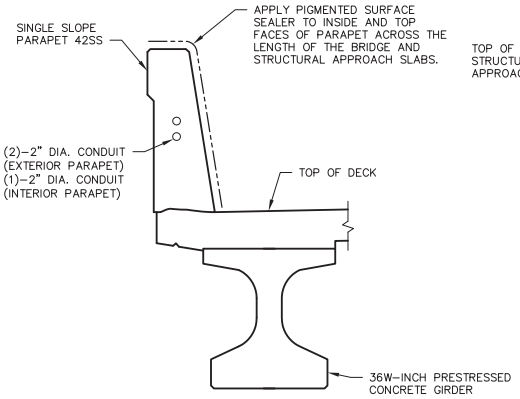
TYPICAL FILL SECTION IN MEDIAN

(INTERIOR PARAPETS, LOOKING NORTH)



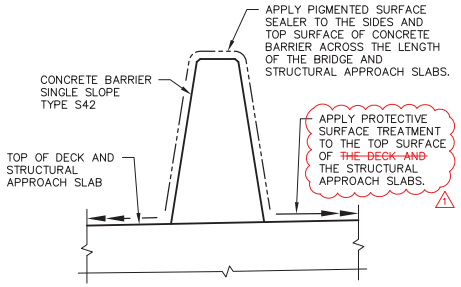
TYPICAL FILL SECTION AT END OF STRUCTURAL APPROACH SLABS

(EXTERIOR PARAPET, LOOKING NORTH)



CONCRETE SURFACE TREATMENT DETAILS IN SPAN

(EXTERIOR PARAPET, LOOKING NORTH)



CONCRETE SURFACE TREATMENT DETAILS FOR CONCRETE BARRIER

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-344

DRAWN BY JDO | PLANS CK'D JJK

ELEVATION

SHEET 3 OF 25

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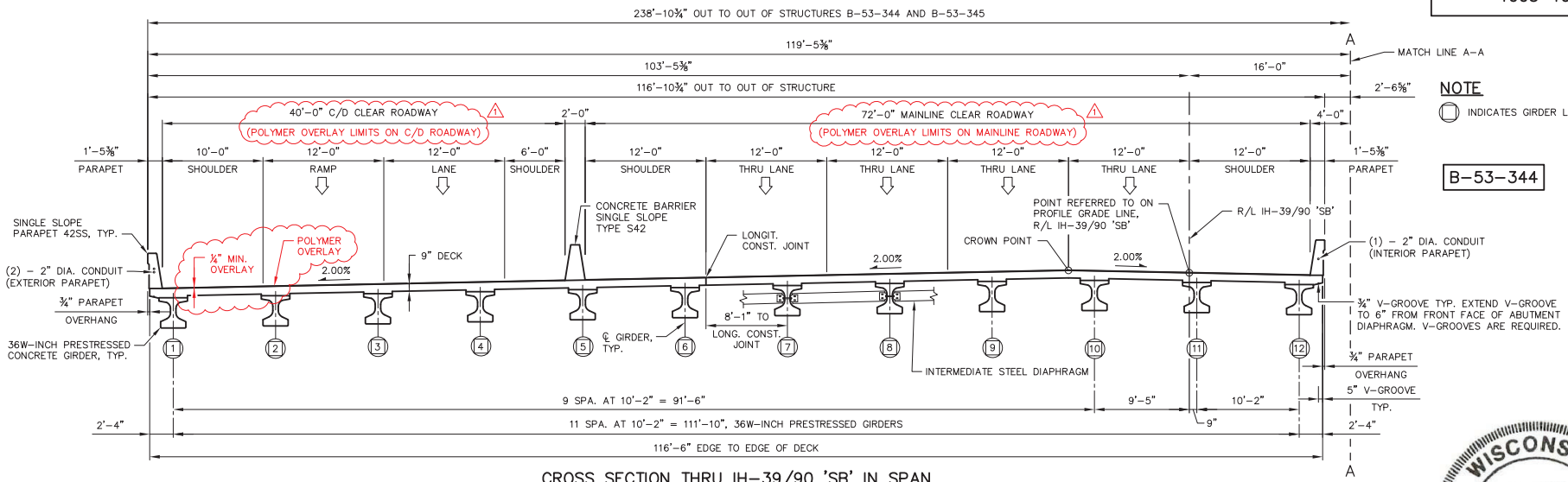
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER
1005-10-77



CROSS SECTION THRU IH-39/90 'SB' IN SPAN
(LOOKING NORTH)

NOTE

INDICATES GIRDER LINE DESIGNATION

B-53-344

Addendum No. 1
ID 1005-10-77
Revised Sheet 2514
November 28, 2018

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
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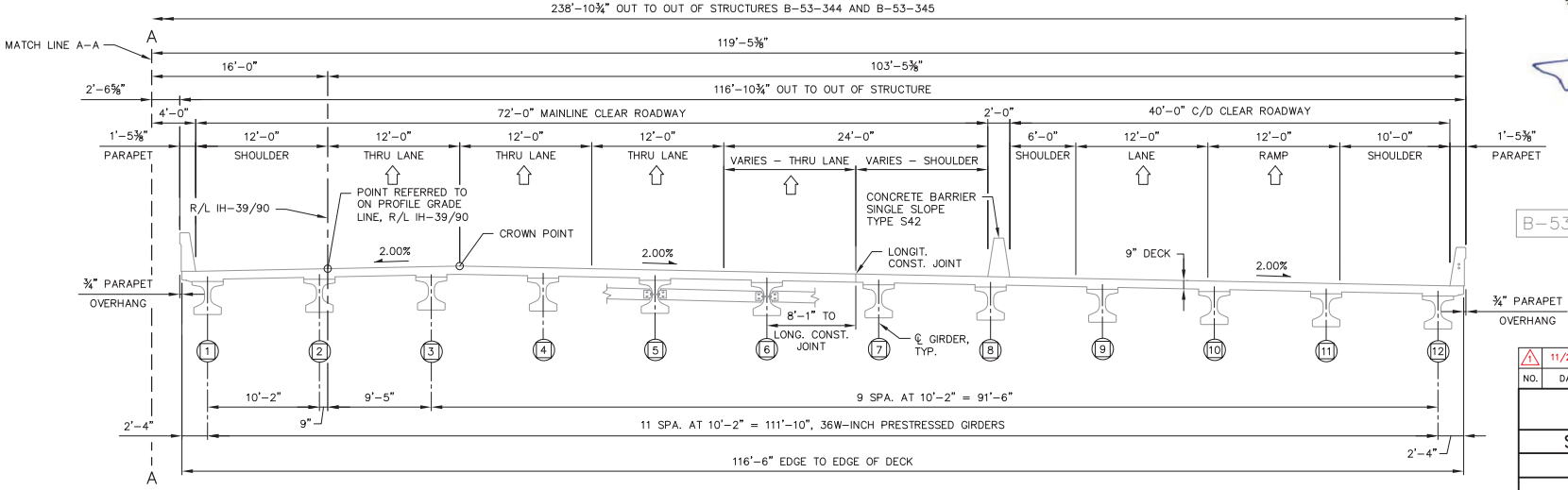
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/21/2018



CROSS SECTION THRU IH-39/90 IN SPAN
(LOOKING NORTH)

B-53-345

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NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-344

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION

SHEET 4 OF 25

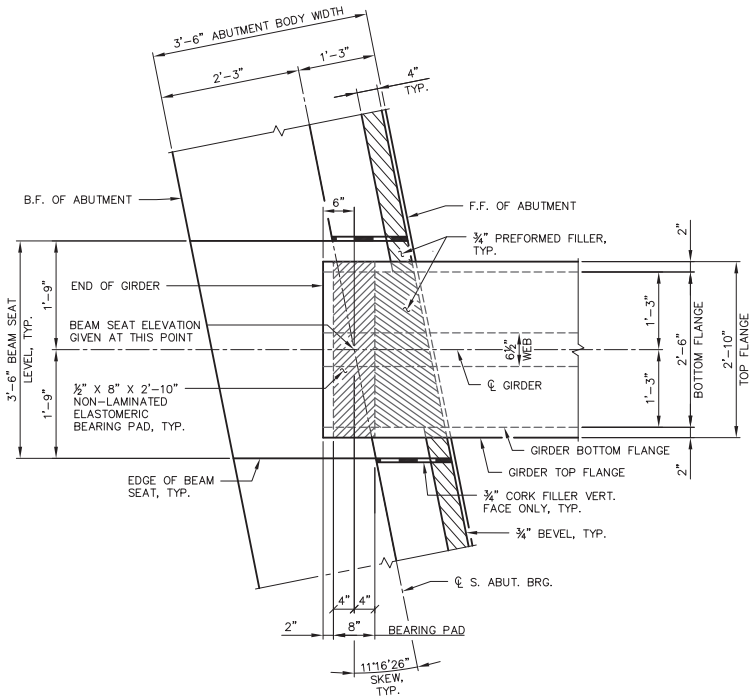
2514

FILE: 02&04-B530344_gnt.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER
1005–10–77

F.F. – FRONT FACE
B.F. – BACK FACE



ABUTMENT BEAM SEAT DETAIL

(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT SIMILAR)

NOTE

BEAM SEAT ELEVATIONS SHOWN ON ABUTMENT SHEETS.

TOP OF DECK ELEVATIONS

	℄ S. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	℄ N. ABUT. BRG.
WEST DECK EDGE	936.69	936.66	936.63	936.60	936.57	936.53	936.50	936.47	936.43	936.40	936.36
GIRDER 1	936.71	936.68	936.65	936.62	936.59	936.55	936.52	936.49	936.45	936.42	936.38
GIRDER 2	936.91	936.88	936.85	936.82	936.78	936.75	936.72	936.68	936.65	936.61	936.58
GIRDER 3	937.10	937.07	937.04	937.01	936.97	936.94	936.91	936.87	936.84	936.80	936.76
GIRDER 4	937.29	937.26	937.23	937.19	937.16	937.13	937.09	937.06	937.02	936.99	936.95
GIRDER 5	937.49	937.46	937.43	937.39	937.36	937.33	937.29	937.26	937.22	937.19	937.15
GIRDER 6	937.68	937.65	937.61	937.58	937.55	937.51	937.48	937.45	937.41	937.37	937.34
CONST. JOINT	937.72	937.68	937.65	937.62	937.59	937.55	937.52	937.48	937.45	937.41	937.37
GIRDER 7	937.87	937.84	937.80	937.77	937.74	937.70	937.67	937.63	937.60	937.56	937.52
GIRDER 8	938.07	938.03	938.00	937.97	937.94	937.90	937.87	937.83	937.79	937.76	937.72
GIRDER 9	938.26	938.22	938.19	938.16	938.12	938.09	938.05	938.02	937.98	937.95	937.91
CROWN POINT	938.40	938.37	938.33	938.30	938.27	938.23	938.20	938.16	938.12	938.09	938.05
GIRDER 10	938.34	938.31	938.28	938.25	938.21	938.18	938.14	938.11	938.07	938.03	937.99
GIRDER 11	938.13	938.10	938.07	938.03	938.00	937.97	937.93	937.89	937.86	937.82	937.78
GIRDER 12	937.91	937.88	937.85	937.81	937.78	937.74	937.71	937.67	937.63	937.60	937.56
EAST DECK EDGE	937.89	937.86	937.83	937.79	937.76	937.72	937.69	937.65	937.61	937.58	937.54

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

Addendum No. 1
ID 1005-10-77
Revised Sheet 2522
November 28, 2018

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–344

DRAWN BY JDO | PLANS CK'D JJK

BEAM SEAT DETAILS

SHEET 12 OF 25

2522

FILE: 12–B530344_beam.dwg
PLOT SCALE:

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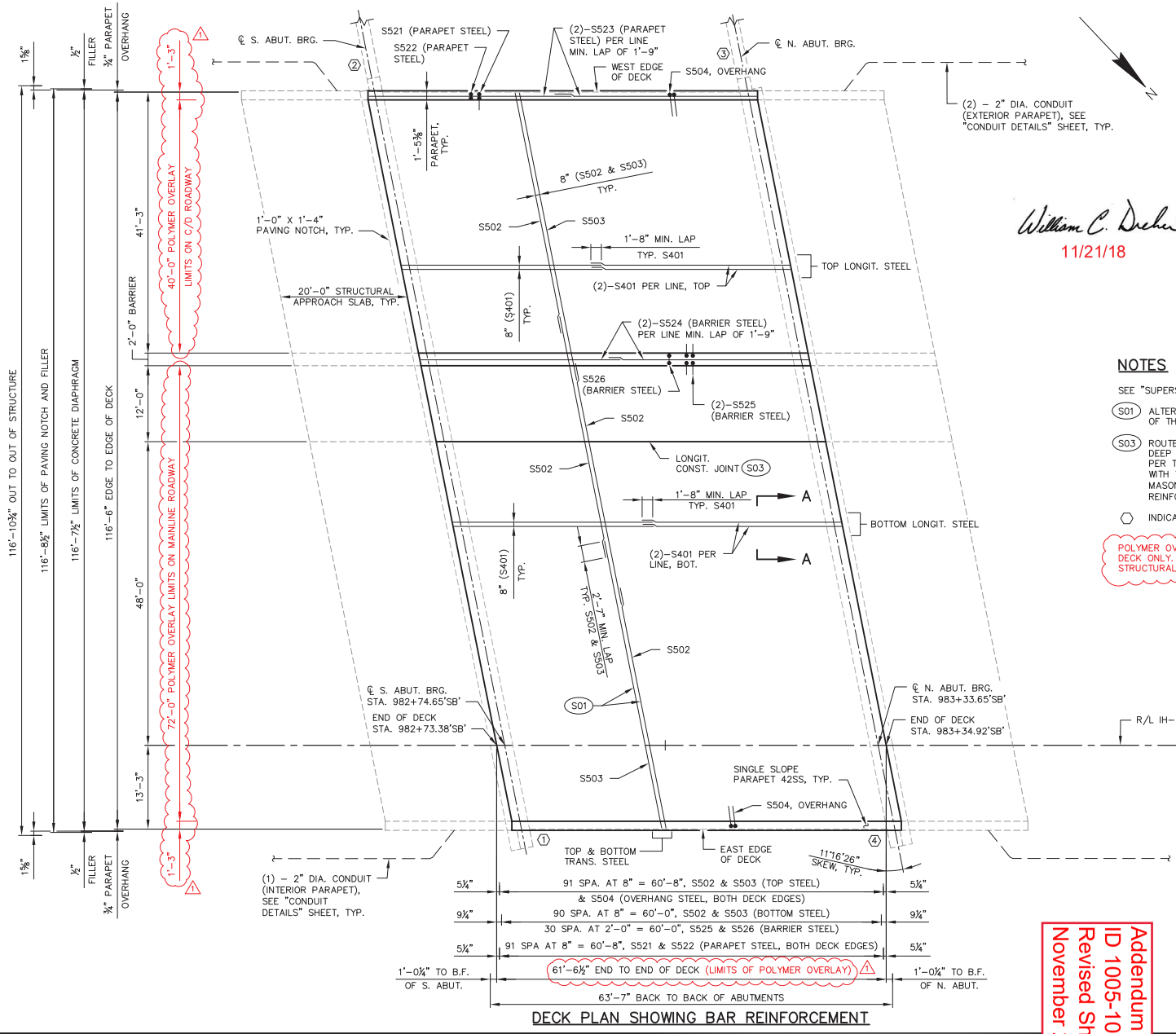
8

STATE PROJECT NUMBER

1005-10-77



DECK PLAN SHOWING BAR REINFORCEMENT

William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/21/2018

NOTES

SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR SECTION A-A.

S01 ALTERNATE BETWEEN S502 & S503 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

S03 ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

⬡ INDICATES WING NUMBER

POLYMER OVERLAY TO EXTEND FROM END OF DECK TO END OF DECK ONLY. POLYMER OVERLAY NOT TO BE PLACED ON STRUCTURAL APPROACH SLABS. 1

F.F. - FRONT FACE
B.F. - BACK FACE

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-344

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE PLAN

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Addendum No. 1
ID 1005-10-77
Revised Sheet 2526
November 28, 2018

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

FILE: 16-19-B530344_super.dwg
PLOT SCALE:

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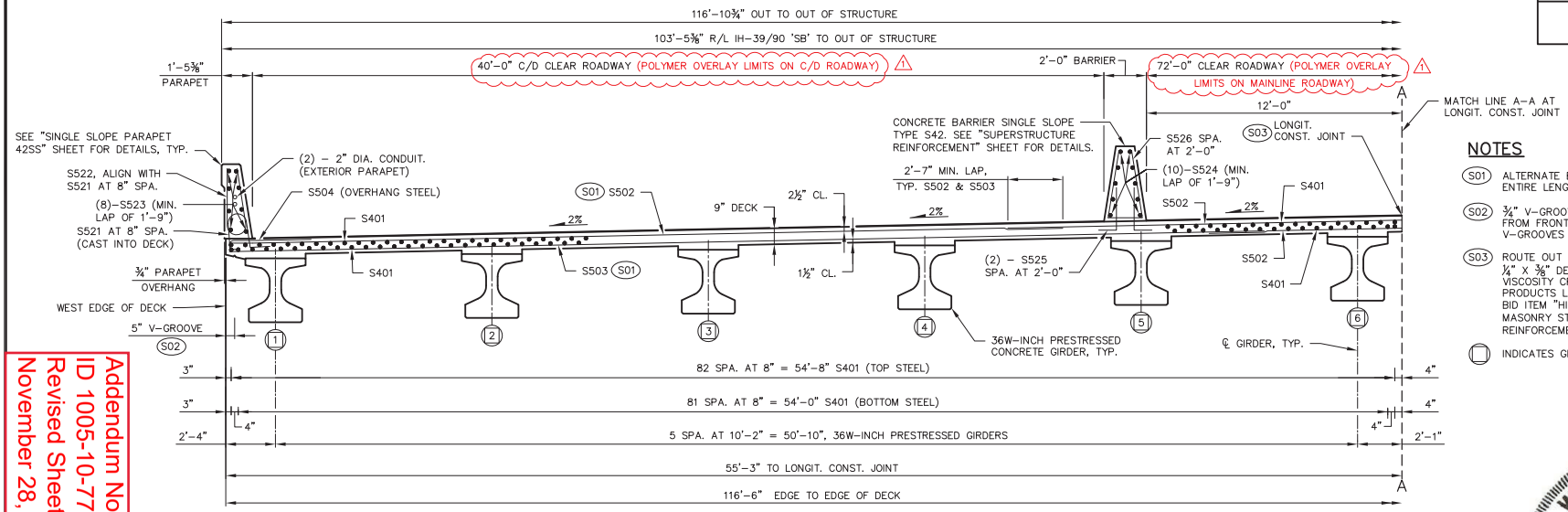
STATE PROJECT NUMBER
1005-10-77



PARTIAL CROSS SECTION THRU IH-39/90 'SB' IN SPAN
(LOOKING NORTH)

NOTES

S01 ALTERNATE BETWEEN S502 & S503 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

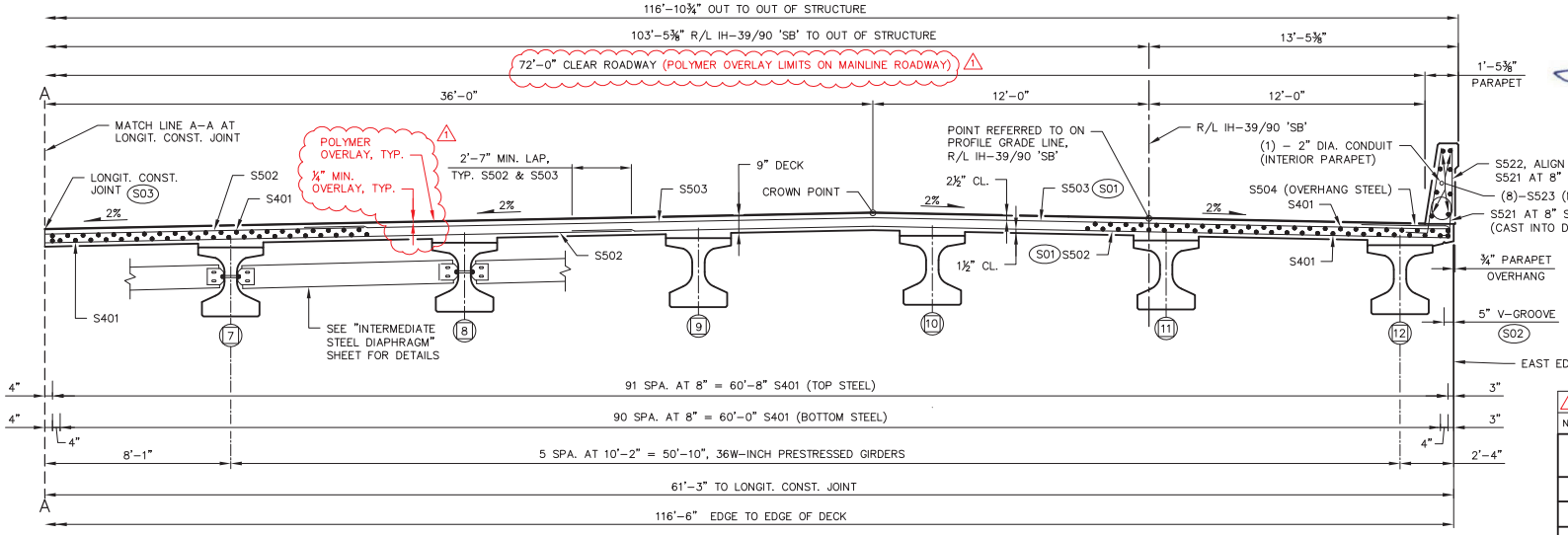
S02 ¾" V-GROOVE, TYP. EXTEND V-GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM. V-GROOVES ARE REQUIRED.

S03 ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES" SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

INDICATES GIRDER LINE DESIGNATION

Addendum No. 1
ID 1005-10-77
Revised Sheet 2527
November 28, 2018

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/21/2018



PARTIAL CROSS SECTION THRU IH-39/90 'SB' IN SPAN
(LOOKING NORTH)

William C. Dreher SDR
11/21/18

8

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-344

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE TYPICAL SECTION

SHEET 17 OF 25

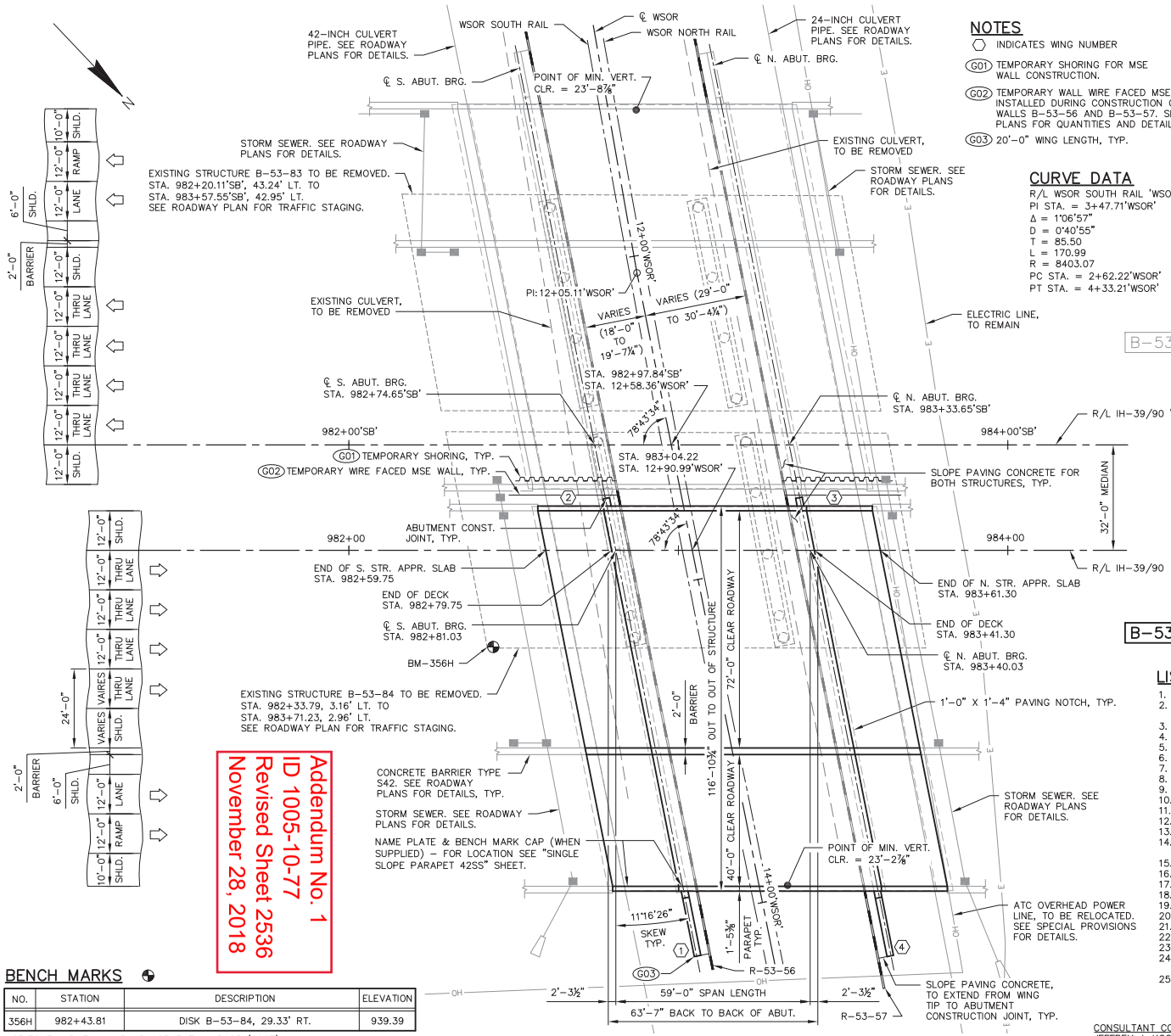
2527

FILE: 16-19-B530344_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER

1005-10-77



NOTES

- ⬡ INDICATES WING NUMBER
- G01 TEMPORARY SHORING FOR MSE WALL CONSTRUCTION.
- G02 TEMPORARY WALL WIRE FACED MSE INSTALLED DURING CONSTRUCTION OF WALLS B-53-56 AND B-53-57. SEE WALL PLANS FOR QUANTITIES AND DETAILS.
- G03 20'-0" WING LENGTH, TYP.

CURVE DATA

R/L WSOR SOUTH RAIL 'WSOR'
PI STA. = 3+47.71'WSOR'
Δ = 1°06'57"
D = 0°40'55"
T = 85.50
L = 170.99
R = 8403.07
PC STA. = 2+62.22'WSOR'
PT STA. = 4+33.21'WSOR'

DESIGN DATA

LIVE LOAD:

DESIGN LOADING	HL-93
INVENTORY RATING FACTOR	RF=1.16
OPERATING RATING FACTOR	RF=1.51
WISCONSIN STANDARD PERMIT VEHICLE RATING (WIS.-SPV):	250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT. STRUCTURE IS RATED FOR A POLYMER OVERLAY OF 5 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY, HPC DECK, PARAPETS, BARRIER, DIAPHRAGMS & STR. APPR. SLABS.	$f'c$ = 4,000 P.S.I.
ALL OTHER (INCL. STR. APPR. SLAB FTGS.)	$f'c$ = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT	f_y = 60,000 P.S.I.
36W-INCH PRESTRESSED GIRDERS CONCRETE MASONRY	$f'c$ = 8,000 P.S.I.
STRANDS - 0.6" DIAMETER WITH AN ULTIMATE TENSILE STRENGTH OF	f_u = 270,000 P.S.I.

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON 12¾" X 0.375-INCH C.I.P. PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 190 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 40 FT. PILE LENGTHS AT THE SOUTH ABUTMENT AND 40 FT. PILE LENGTHS AT THE NORTH ABUTMENT.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING THE MODIFIED GATES DYNAMIC FORMULA TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC DATA:

IH-39/90

A.A.D.T. (2017)	59,000
A.A.D.T. (2040)	92,400
DESIGN SPEED	70 M.P.H.

William C. Dreher SDR
11/21/18

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER
11/21/2018

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES, QUANTITIES AND PROFILES
3. ELEVATION
4. CROSS SECTION
5. SUBSURFACE EXPLORATION
6. SOUTH ABUTMENT
7. SOUTH ABUTMENT DETAILS
8. SOUTH ABUTMENT REINFORCEMENT
9. NORTH ABUTMENT
10. NORTH ABUTMENT DETAILS
11. NORTH ABUTMENT REINFORCEMENT
12. BEAM SEAT DETAILS
13. 36W-INCH PRESTRESSED GIRDER
14. 36W-INCH PRESTRESSED GIRDER DETAILS
15. INTERMEDIATE STEEL DIAPHRAGM
16. SUPERSTRUCTURE PLAN
17. SUPERSTRUCTURE TYPICAL SECTION
18. CONCRETE ABUTMENT DIAPHRAGM
19. SUPERSTRUCTURE REINFORCEMENT
20. SINGLE SLOPE PARAPET 42SS
21. CONDUIT DETAILS
22. SOUTH STRUCTURAL APPROACH SLAB
23. NORTH STRUCTURAL APPROACH SLAB
24. STRUCTURAL APPROACH SLAB DETAILS
25. ALTERNATE CONSTRUCTION JOINT

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
356H	982+43.81	DISK B-53-84, 29.33' RT.	939.39

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

PLAN B-53-345

(SINGLE SPAN 36W-INCH PRESTRESSED CONCRETE GIRDERS)

Addendum No. 1
ID 1005-10-77
Revised Sheet 2536
November 28, 2018

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588-7866

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266-8489

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B-53-345

IH-39/90 OVER WISCONSIN SOUTHERN RAILROAD

COUNTY	TOWN/CITY/~~VILLAGE~~
ROCK	JANESVILLE

DESIGN SPEC. AASHTO LRFD DESIGN SPEC.

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JDO	CDS	JDO	JJK

GENERAL PLAN

SHEET 1 OF 25

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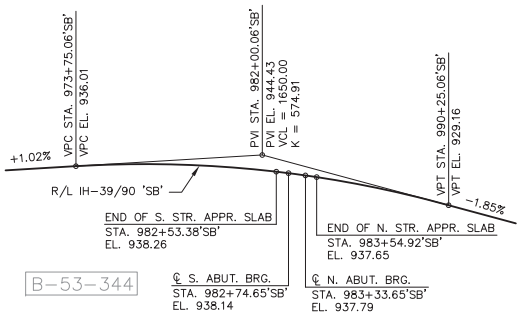
FILE: 01&03-B530345_1sh.dwg
PLOT SCALE:

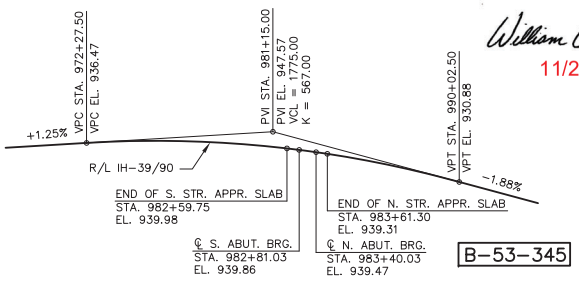
STATE PROJECT NUMBER
1005-10-77

TOTAL ESTIMATED QUANTITIES

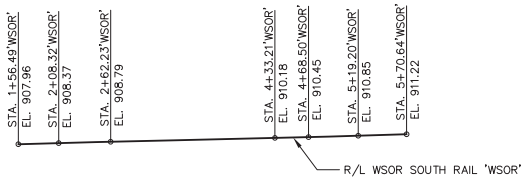
ITEM NO.	BID ITEMS	UNIT	S. STR. APPR. SLAB	S. ABUT.	N. ABUT.	N. STR. APPR. SLAB	SUPER.	TOTALS
203.0200.006	REMOVING OLD STRUCTURE STA. 983+02	LS	---	---	---	---	---	1
203.0225.S.006	DEBRIS CONTAINMENT STRUCTURE B-53-84	LS	---	---	---	---	---	1
206.1000.008	EXCAVATION FOR STRUCTURES BRIDGES B-53-345	LS	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	570	560	---	---	1130
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	370	---	---	370	---	740
501.1000.S	ICE HOT WEATHER CONCRETING	LB	1200	960	960	1200	2530	6850
502.0100	CONCRETE MASONRY BRIDGES	CY	34	128	127	34	---	323
502.3200	PROTECTIVE SURFACE TREATMENT	SY	249	---	---	249	828	1326
502.3210	PIGMENTED SURFACE SEALER	SY	38	---	---	38	115	191
503.0137	PRESTRESSED GIRDER TYPE I 36W-INCH	LF	---	---	---	---	720	720
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	9030	9050	---	---	18080
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	25970	1100	1100	25970	52690	106830
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	---	---	5070	5070
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	12	12	---	---	24
506.4000.008	STEEL DIAPHRAGMS B-53-345	EACH	---	---	---	---	11	11
509.5100.S	POLYMER OVERLAY	SY	---	---	---	---	766	766
511.1200.004	TEMPORARY SHORING B-53-345	SF	---	960	1060	---	---	2020
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	26	26	---	1	53
550.2126	PILING CIP CONCRETE 12 3/4 X 0.375-INCH	LF	---	800	800	---	---	1600
604.0400	SLOPE PAVING CONCRETE	SY	---	37	37	---	---	74
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	150	150	---	---	300
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	124	124	---	---	248
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	15	---	---	15	---	30
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	63	---	---	63	111	237
653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH	---	---	---	---	4	4
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	125	---	---	125	337	587
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	2240	---	---	2240	---	4480
(NON-BID ITEM)	FILLER	SIZE	---	---	---	---	---	½" & ¾"



PROFILE GRADE LINE,
R/L IH-39/90 'SB'



PROFILE GRADE LINE,
R/L IH-39/90



PROFILE GRADE LINE,
R/L WSOR SOUTH RAIL
(ELEVATIONS BASED ON TOP OF RAIL FIELD SURVEY)

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018

William C. Dreher SDR
11/21/18

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL BETWEEN THE FRONT FACE OF THE ABUTMENTS AND RETAINING WALLS SHALL BE COVERED WITH CONCRETE SLOPE PAVING TO THE EXTENT SHOWN ON THE "GENERAL PLAN" SHEET AND ON THE ABUTMENT SHEETS. SEE PLANS FOR RETAINING WALLS R-53-56 AND R-53-57 FOR FURTHER DETAILS.

AT THE BACKFACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE TYPE A, BID ITEM 210.1500, IS CALCULATED BASED ON WBM STANDARD DETAIL 9.01 STRUCTURE BACKFILL LIMITS AND NOTES.

THE COST OF FURNISHING AND PLACING THE MSE BACKFILL OR SIZE 2 COARSE AGGREGATE UNDER THE SLOPE PAVING SHALL BE INCLUDED WITH THE BID ITEM "SLOPE PAVING CONCRETE".

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "36W-INCH PRESTRESSED GIRDER DETAILS" SHEET.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE SUPERSTRUCTURE DECK AND STRUCTURAL APPROACH SLABS PER THE STANDARD SPECIFICATION. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE CONCRETE BARRIER AND PARAPETS PER THE STANDARD SPECIFICATION. SEE "ELEVATION" SHEET FOR PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER LIMITS.

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-345 WITH RETAINING WALLS R-53-56 AND R-53-57.

THE CONCRETE QUANTITIES FOR THE PARAPETS, BARRIER, SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS (EXCLUDING THE FOOTINGS), CONCRETE DIAPHRAGMS, AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HPC MASONRY STRUCTURES".

THE EXISTING STRUCTURE B-53-84 IS A THREE SPAN 36-INCH PRESTRESSED CONCRETE GIRDER BRIDGE WITH AN OVERALL LENGTH OF 137'-5¼" AND A CLEAR ROADWAY WIDTH OF 62'-0". SUPERSTRUCTURES, PIERS AND ABUTMENTS SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS NOTED IN THESE PLANS. COMPLETELY REMOVE ALL EXISTING PILES LOCATED WITHIN THE RETAINING WALL REINFORCED SOIL ZONES DOWN TO THE BOTTOM OF THE "BACKFILL GRANULAR GRADE 1" LIMITS. SEE RETAINING WALLS R-53-56 AND R-53-57 PLANS FOR LIMITS. ALL EXISTING STRUCTURE REMOVAL INCLUDED WITH THE BID ITEM "REMOVING OLD STRUCTURE STA. 983+02".

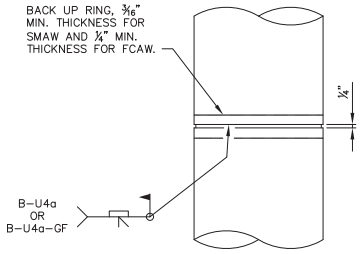
CONCRETE MASONRY REQUIRES A MINIMUM CURE TIME OF 28 DAYS BEFORE PLACING POLYMER OVERLAY.

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

ALL TOP OF CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY.

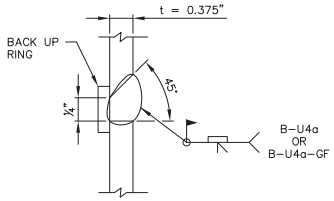
BRIDGE DECK SHALL BE TRANSVERSELY TINED ACCORDING TO THE STANDARD SPECIFICATION 502.3.7.8 (14).

BID ITEM SPV.0165.700 "LONGITUDINAL GROOVING BRIDGE DECK" SHALL ONLY BE APPLIED TO THE STRUCTURAL APPROACH SLABS. DO NOT APPLY "LONGITUDINAL GROOVING BRIDGE DECK" TO THE DECK OF THE BRIDGE.



CAST-IN-PLACE 'PIPE PILE'

NOTE: CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION.



C.I.P. PILE WELD DETAIL

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-345

DRAWN BY JDO | PLANS CK'D JJK

GENERAL NOTES, QUANTITIES AND PROFILES

SHEET 2 OF 25

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Addendum No. 1
ID 1005-10-77
Revised Sheet 2537
November 28, 2018

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

FILE: 02&04-B530345_gnt.dwg
PLOT SCALE:

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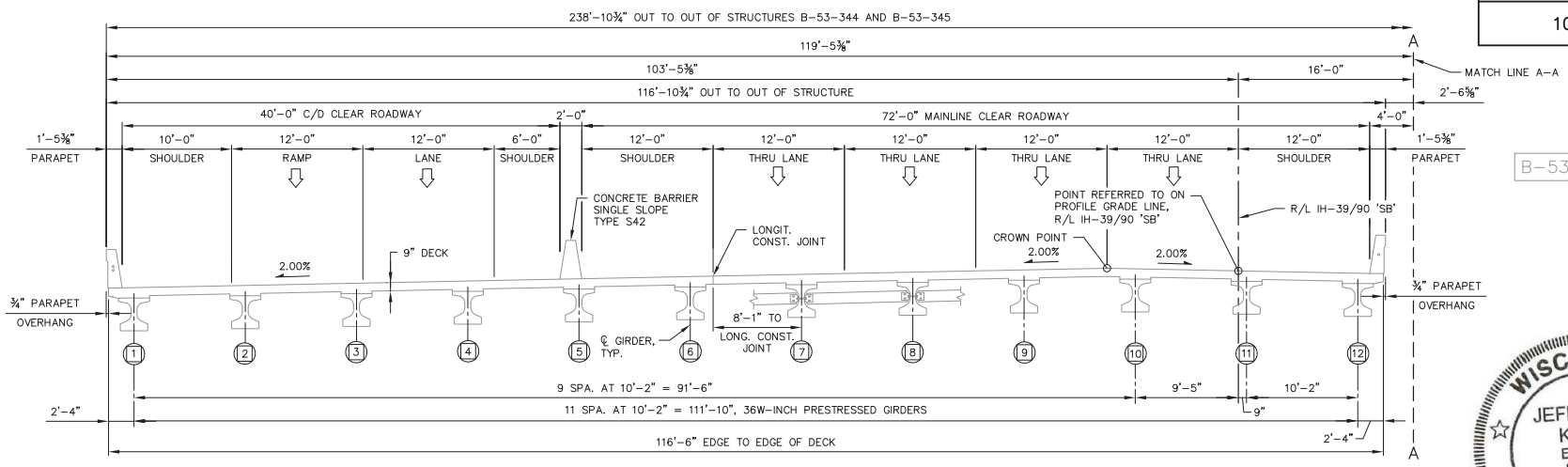
STATE PROJECT NUMBER

1005-10-77



B-53-344

CROSS SECTION THRU IH-39/90 'SB' IN SPAN

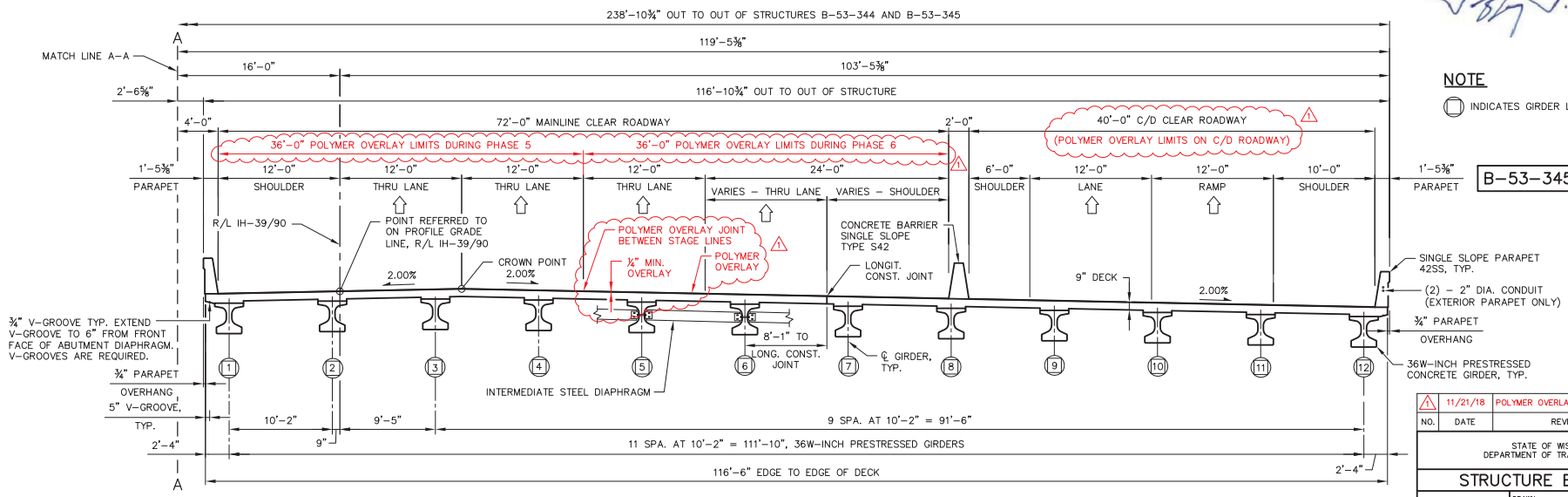
(LOOKING NORTH)

William C. Dreher SDR

11/21/18

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER

11/21/2018



B-53-345

NOTE

INDICATES GIRDER LINE DESIGNATION

CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

8

8

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-345

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION

SHEET 4 OF 25

2539

Addendum No. 1
ID 1005-10-77
Revised Sheet 2539
November 28, 2018

I.D. 1005-10-77

PLOT DATE: Nov 21, 2018

FILE: 02&04-B530345_gnt.dwg
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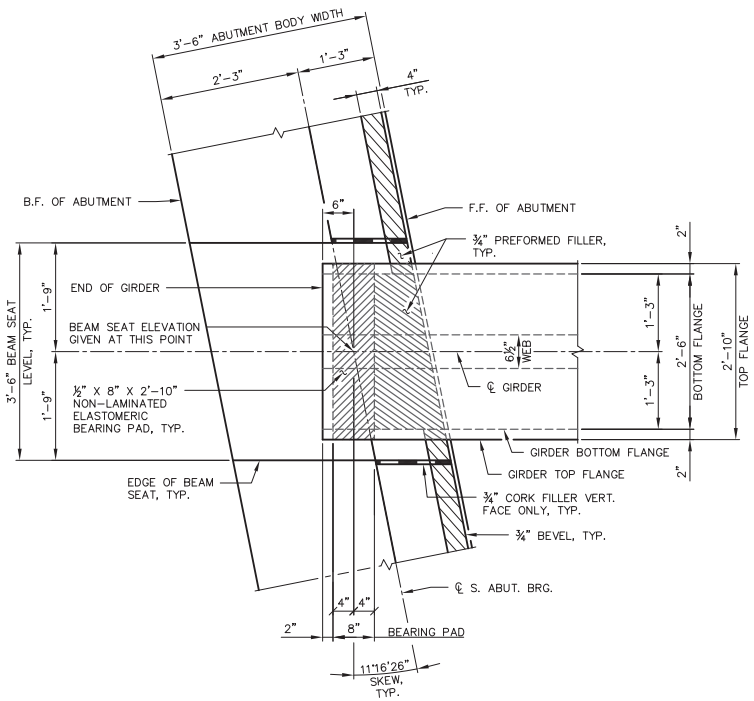
STATE PROJECT NUMBER
1005–10–77



F.F. – FRONT FACE
B.F. – BACK FACE

ABUTMENT BEAM SEAT DETAIL

(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT SIMILAR)

NOTE

BEAM SEAT ELEVATIONS SHOWN ON ABUTMENT SHEETS.

TOP OF DECK ELEVATIONS

	℄ S. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	℄ N. ABUT. BRG.
WEST DECK EDGE	939.63	939.60	939.56	939.52	939.48	939.45	939.41	939.37	939.33	939.29	939.24
GIRDER 1	939.65	939.61	939.58	939.54	939.50	939.46	939.42	939.39	939.34	939.30	939.26
GIRDER 2	939.85	939.81	939.77	939.74	939.70	939.66	939.62	939.58	939.54	939.50	939.46
GIRDER 3	940.04	940.00	939.96	939.92	939.89	939.85	939.81	939.77	939.73	939.69	939.64
CROWN POINT	940.08	940.05	940.01	939.97	939.93	939.89	939.85	939.81	939.77	939.73	939.69
GIRDER 4	939.92	939.89	939.85	939.81	939.77	939.73	939.69	939.65	939.61	939.57	939.53
GIRDER 5	939.71	939.67	939.64	939.60	939.56	939.52	939.48	939.44	939.40	939.36	939.31
GIRDER 6	939.49	939.45	939.41	939.37	939.34	939.30	939.26	939.22	939.17	939.13	939.09
CONST. JOINT	939.32	939.28	939.24	939.20	939.17	939.13	939.09	939.04	939.00	938.96	938.92
GIRDER 7	939.27	939.24	939.20	939.16	939.12	939.08	939.04	939.00	938.96	938.92	938.88
GIRDER 8	939.06	939.02	938.99	938.95	938.91	938.87	938.83	938.79	938.75	938.70	938.66
GIRDER 9	938.84	938.80	938.76	938.72	938.69	938.65	938.60	938.56	938.52	938.48	938.44
GIRDER 10	938.63	938.59	938.55	938.51	938.47	938.43	938.39	938.35	938.31	938.26	938.22
GIRDER 11	938.41	938.38	938.34	938.30	938.26	938.22	938.18	938.13	938.09	938.05	938.01
GIRDER 12	938.19	938.15	938.11	938.07	938.03	937.99	937.95	937.91	937.87	937.82	937.78
EAST DECK EDGE	938.17	938.13	938.09	938.05	938.01	937.97	937.93	937.89	937.85	937.80	937.76

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. 1

Addendum No. 1
ID 1005-10-77
Revised Sheet 2547
November 28, 2018

William C. Drecher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–345

DRAWN BY JDO | PLANS CK'D JJK

BEAM SEAT DETAILS

SHEET 12 OF 25

2547

8

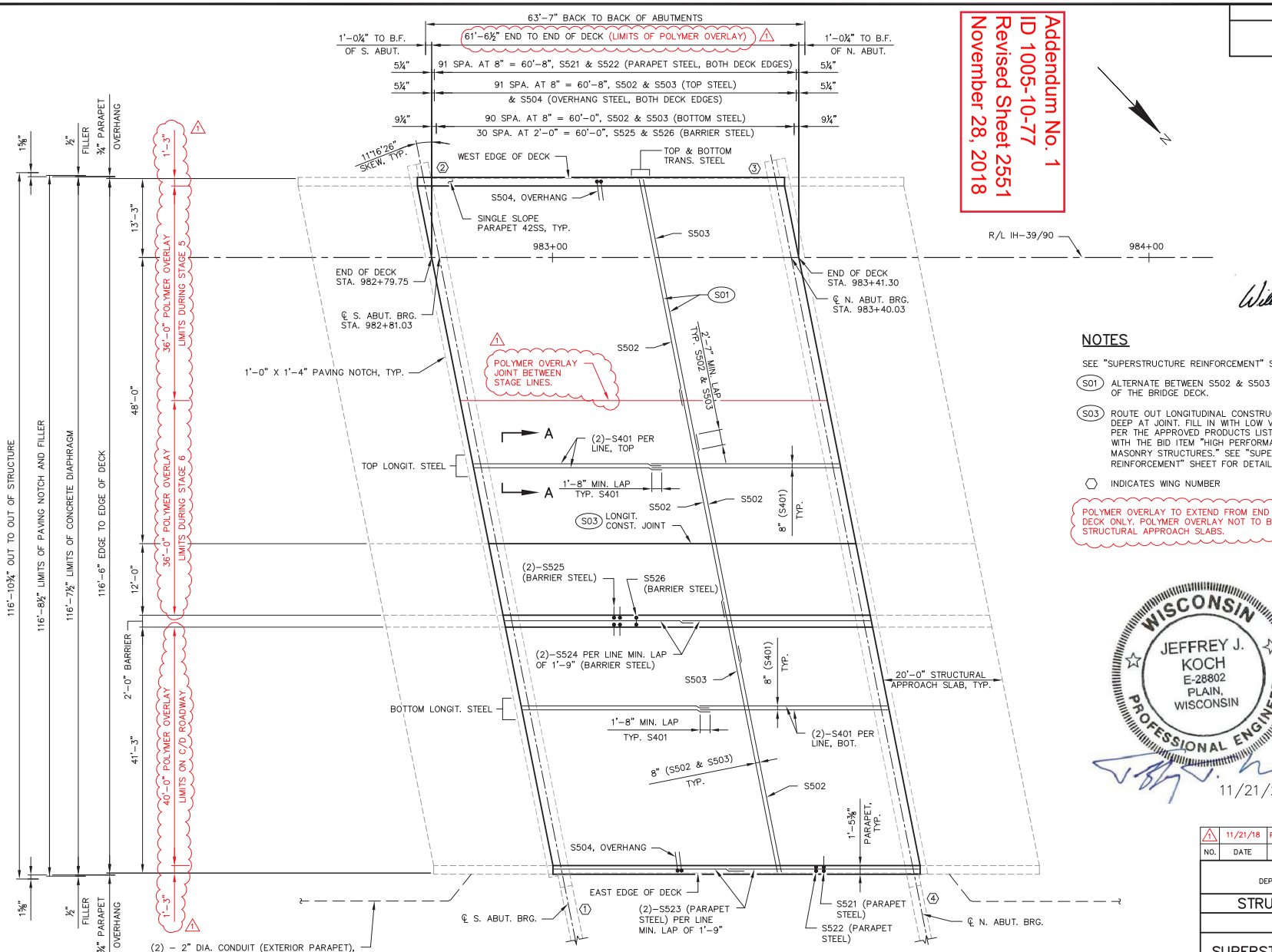
8

FILE: 12-B530345_beam.dwg
PLOT SCALE:

I.D. 1005–10–77 PLOT DATE: Nov 21, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2551
November 28, 2018

STATE PROJECT NUMBER
1005-10-77



DECK PLAN SHOWING BAR REINFORCEMENT

William C. Dreher SDR
11/21/18

NOTES

SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR SECTION A-A.

(S01) ALTERNATE BETWEEN S502 & S503 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

(S03) ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

⬡ INDICATES WING NUMBER

POLYMER OVERLAY TO EXTEND FROM END OF DECK TO END OF DECK ONLY. POLYMER OVERLAY NOT TO BE PLACED ON STRUCTURAL APPROACH SLABS. △1

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER
11/21/2018

F.F. - FRONT FACE
B.F. - BACK FACE

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-345

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE PLAN

SHEET 16 OF 25

2551

8

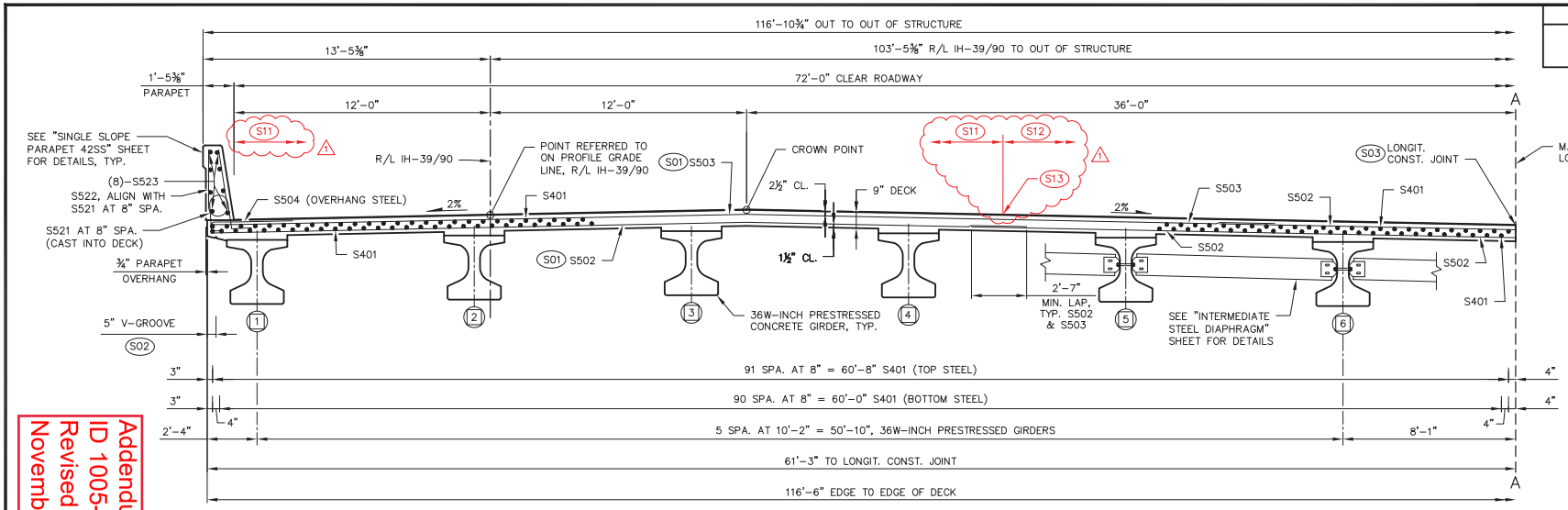
8

FILE: 16-19-B530345_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER

1005-10-77



PARTIAL CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

NOTES

(S01) ALTERNATE BETWEEN S502 & S503 ACROSS ENTIRE LENGTH OF THE BRIDGE DECK.

(S02) ¾" V-GROOVE, TYP. EXTEND V-GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM. V-GROOVES ARE REQUIRED.

(S03) ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

INDICATES GIRDER LINE DESIGNATION

1 (S11) 36'-0" POLYMER OVERLAY LIMITS DURING STAGE 5.

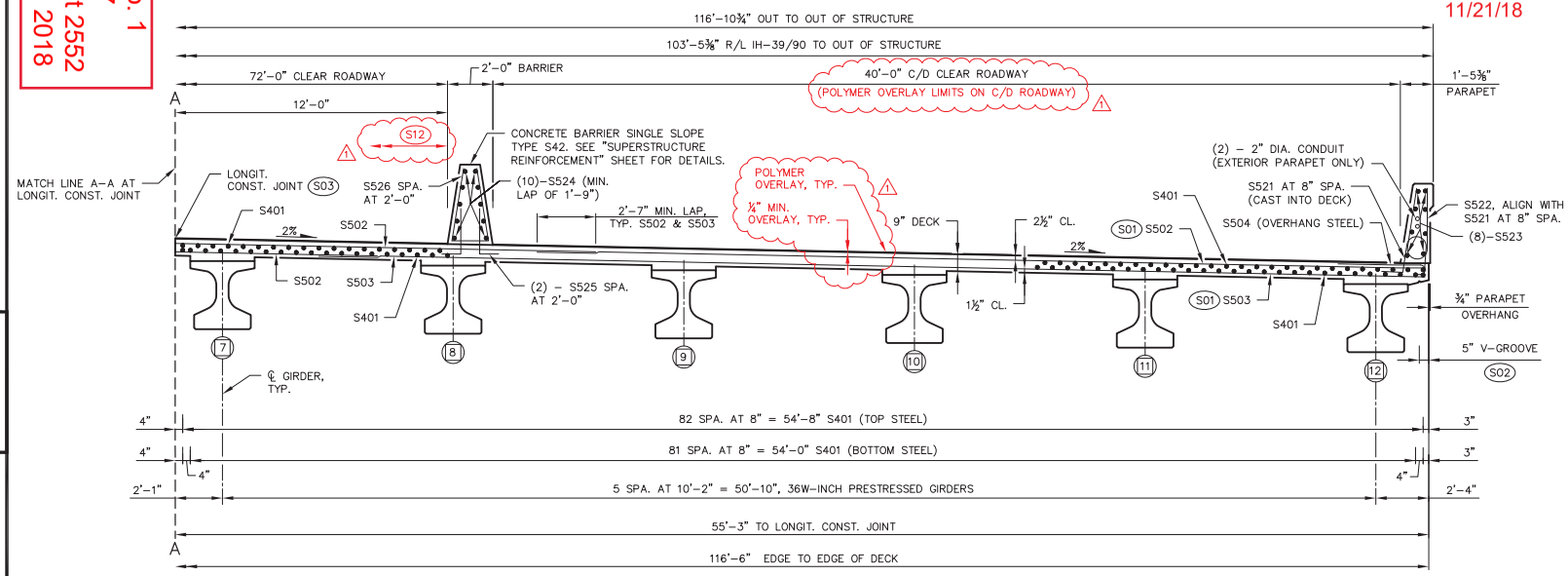
(S12) 36'-0" POLYMER OVERLAY LIMITS DURING STAGE 6.

(S13) POLYMER OVERLAY JOINT BETWEEN STAGE LINES.

William C. Dreher SDR

11/21/18

Addendum No. 1
ID 1005-10-77
Revised Sheet 2552
November 28, 2018



PARTIAL CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-345

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE TYPICAL SECTION

SHEET 17 OF 25

2552

8

8

FILE: 16-19-B530345_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

Addendum No. 1
ID 1005-10-77
Revised Sheet 2561
November 28, 2018

STATE PROJECT NUMBER
1005-10-77

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF = 1.11
OPERATING RATING FACTOR: RF = 1.58
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 250 (KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

William C. Dreher
10/17/18

MATERIAL PROPERTIES:

CONCRETE MASONRY (HPC) DECK, PARAPET, DIAPHRAGMS, APPROACH SLAB — f'c = 4,000 P.S.I.
CONCRETE MASONRY ALL OTHER (INCLUDING APPROACH SLAB FTG.) — f'c = 3,500 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 — fy = 60,000 P.S.I.
BAR STEEL REINFORCEMENT STAINLESS, GRADE 60 — fy = 60,000 P.S.I.
45W" PRESTRESSED GIRDERS, CONCRETE MASONRY — f'c = 8,000 P.S.I.
STRANDS- 0.6" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 P.S.I.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON 10¾" X 0.5-INCH CIP CONCRETE PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 150 TONS ** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED 45'-0" LONG AT SOUTH ABUTMENT AND
ESTIMATED 35'-0" LONG AT NORTH ABUTMENT

** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

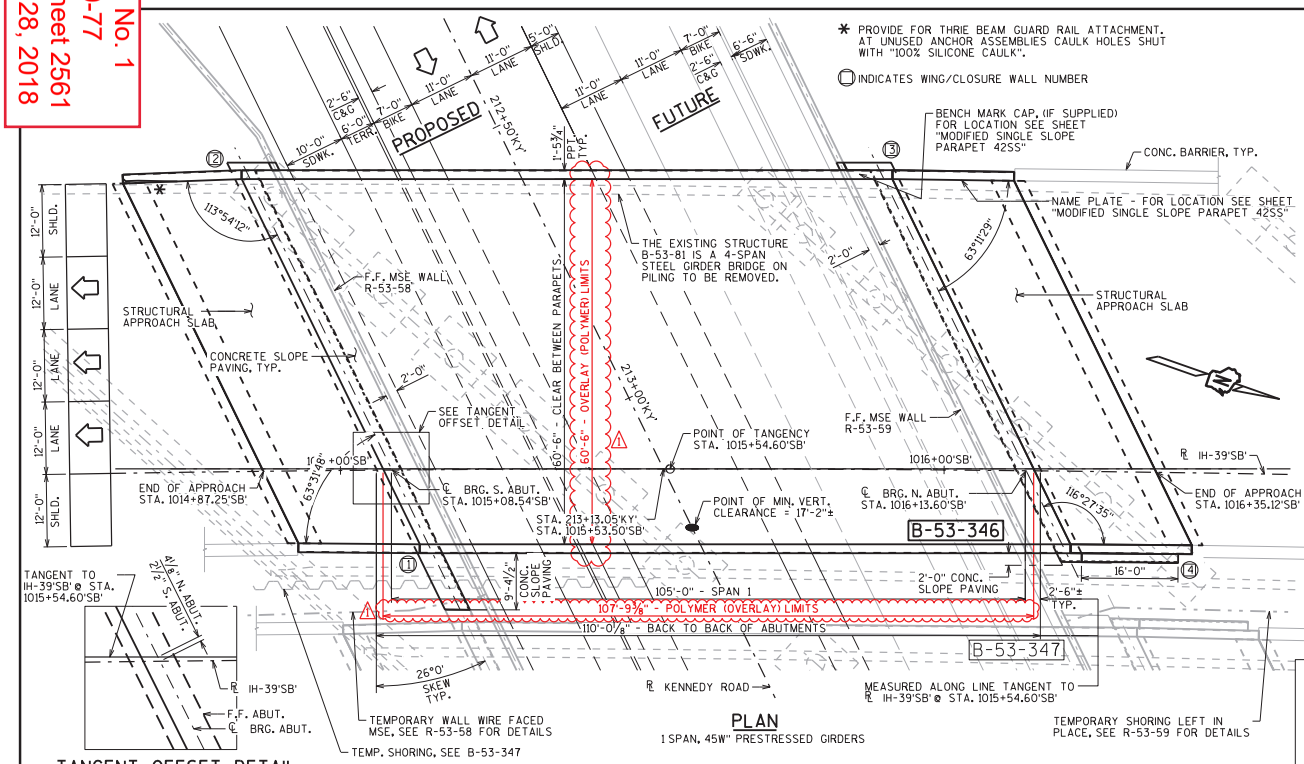
TRAFFIC VOLUME

IH-39'SB'	KENNEDY ROAD
A.D.T.=71,100 (2040)	A.D.T.=4,400 (2040)
R.D.S.=70 M.P.H.	R.D.S.=40 M.P.H.

CURVE DATA

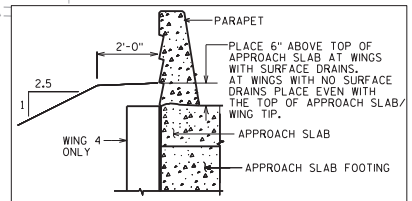
IH-39'SB'

P.I. = 1011+53.38
Δ = 47°25'34"
D = 1°00'45"
T = 2485.67
L = 4684.19
R = 5659
S.E. = 3.4%
P.C. = 986+67.72
P.T. = 1033+51.91

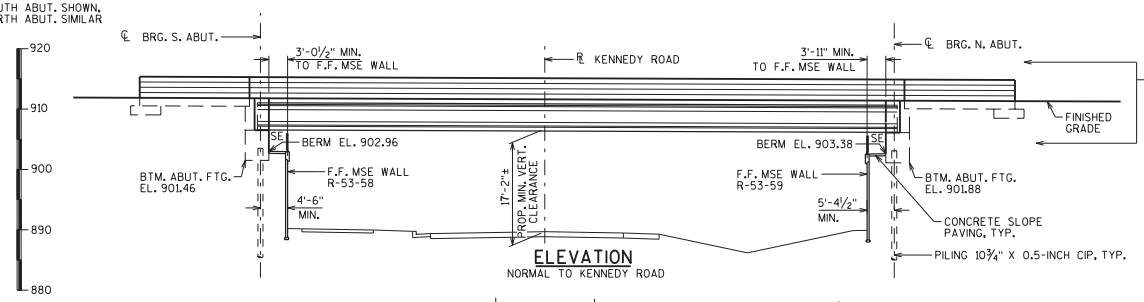


PLAN
1 SPAN, 45W" PRESTRESSED GIRDERS

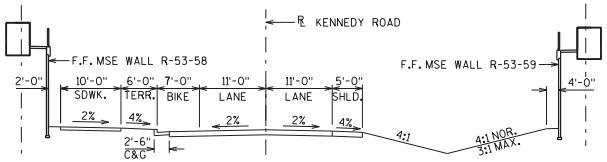
TANGENT OFFSET DETAIL
SOUTH ABUT. SHOWN, NORTH ABUT. SIMILAR



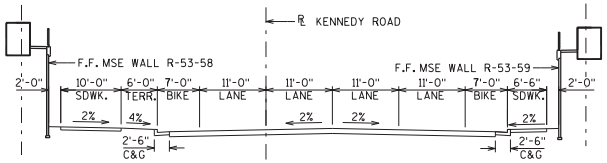
TYPICAL FILL SECTION AT WING 4 AT END STRUCTURAL APPROACH SLAB



ELEVATION
NORMAL TO KENNEDY ROAD



PROPOSED TYPICAL SECTION THRU KENNEDY ROAD
LOOKING WEST



FUTURE TYPICAL SECTION THRU KENNEDY ROAD
LOOKING WEST

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

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
3. SUBSURFACE EXPLORATION
4. SOUTH ABUTMENT
5. SOUTH ABUTMENT DETAILS
6. NORTH ABUTMENT
7. NORTH ABUTMENT DETAILS
8. 45W" PRESTRESSED GIRDER DETAILS 1
9. 45W" PRESTRESSED GIRDER DETAILS 2
10. STEEL DIAPHRAGM
11. SUPERSTRUCTURE CROSS SECTION
12. SUPERSTRUCTURE PLAN
13. SUPERSTRUCTURE DETAILS
14. SW CORNER SINGLE SLOPE PARPET 42SS
15. MODIFIED SINGLE SLOPE PARAPET 42SS
16. WEST PARAPET CONDUIT DETAILS
17. EAST PARAPET CONDUIT DETAILS
18. SOUTH APPROACH SLAB
19. NORTH APPROACH SLAB
20. AESTHETICS
21. ALTERNATE CONSTRUCTION JOINT

NO.	DATE	REVISION	BY
1	10/18	ADD. 01: POLYMER OVERLAY	EMK

BUREAU OF STRUCTURES
ACCEPTED William C. Dreher 7/25/18
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-53-346
IH-39'SB' OVER KENNEDY ROAD

COUNTY ROCK | CITY JANESVILLE
DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
DESIGNED BY EMK | DESIGNED CK'D. MJK | DRAWN BY EMK | PLANS CK'D. SEW

GENERAL PLAN
SHEET 1 OF 21
2561

I.D. 1005-10-011 DATE: JULY 2018

SCALE = 10.00

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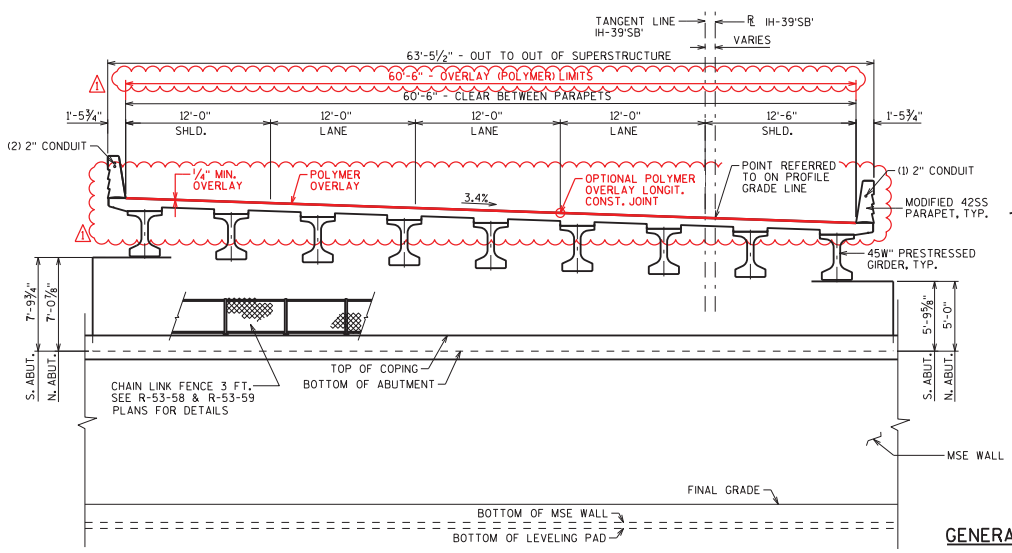
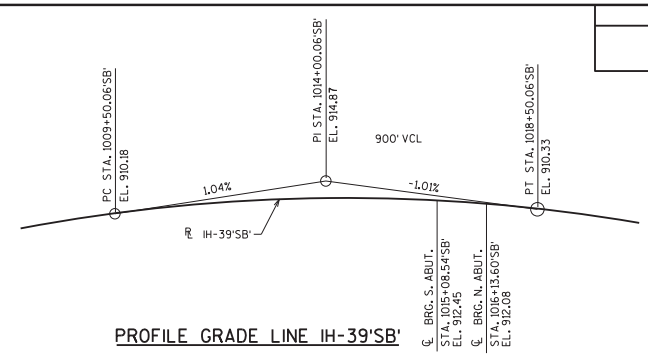
STATE PROJECT NUMBER
1005-10-77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2562
November 28, 2018

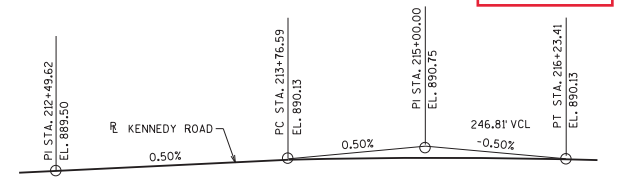


CROSS SECTION THRU ROADWAY

(LOOKING NORTH)



PROFILE GRADE LINE IH-39'SB'



PROFILE GRADE LINE KENNEDY ROAD

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER	SOUTH APPROACH	SOUTH ABUT.	NORTH ABUT.	NORTH APPROACH	TOTALS
203.0200	REMOVING OLD STRUCTURE STA. 1014+80'SB'	LS	-	-	-	-	-	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-53-346	LS	-	-	-	-	-	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	-	-	380	260	-	640
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	-	189	-	-	188	377
501.1000.S	ICE HOT WEATHER CONCRETING	LB	2,280	655	640	580	660	4,815
502.0100	CONCRETE MASONRY BRIDGES	CY	-	18	85	77	19	199
502.3200	PROTECTIVE SURFACE TREATMENT	SY	35	135	-	-	135	305
502.3210	PIGMENTED SURFACE SEALER	SF	107	20	-	-	20	147
503.0146	PRESTRESSED GIRDER TYPE 145W-INCH	LF	954	-	-	-	-	954
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	-	-	5,100	4,900	-	10,000
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	46,390	15,060	835	1,395	15,120	78,800
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	2,110	-	-	-	-	2,110
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	18	-	-	-	-	18
506.4000	STEEL DIAPHRAGMS B-53-346	EACH	16	-	-	-	-	16
509.5100.S	POLYMER OVERLAY	SY	725	-	-	-	-	725
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	-	-	18	16	-	34
517.1010.S.007	CONCRETE STAINING B-53-346	SF	3,000	160	520	500	160	4,340
517.1050.S.007	ARCHITECTURAL SURFACE TREATMENT B-53-346	SF	-	-	420	350	-	770
550.2108	PILING CIP CONCRETE 10 3/4 X 0.50-INCH	LF	-	-	765	630	-	1,395
604.0400	SLOPE PAVING CONCRETE	SY	-	-	25	30	-	55
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	1	-	-	-	-	1
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	85	-	-	-	-	85
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	395	-	-	-	-	395
653.0222	JUNCTION BOXES 18X12X6-INCH	EACH	2	-	-	-	-	2
653.0220	JUNCTION BOXES 18X6X6-INCH	EACH	2	-	-	-	-	2
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	304	69	-	-	69	442
SPV.0090.700	REMOVING EXISTING HP 10-INCH X 42 LB PILING	LF	-	-	150	210	-	360
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	0	1,205	-	-	1,210	2,415
	NON-BID ITEMS							
	FILLER	SIZE						½", ¾", 1½"

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-53-346" SHALL BE THE EXISTING GROUND LINE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL. ALSO EXCLUDED IS THE "BASE AGGREGATE DENSE 1 1/4-INCH" AS DETAILED ON THE STRUCTURAL APPROACH SLAB SHEETS.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF ~~DECK AND~~ APPROACH SLAB SURFACES AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT DIAPHRAGMS.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS, INCLUDING PARAPETS ON APPROACH SLABS.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPE I, II, OR III OR AASHTO DESIGNATION M213.

THE CONCRETE QUANTITIES FOR PARAPETS, SUPERSTRUCTURE DECK, APPROACH SLABS (EXCLUDING FOOTINGS), CONCRETE DIAPHRAGMS, AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES".

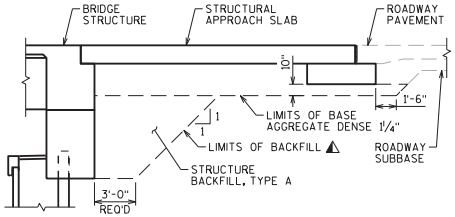
THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND IN THE ABUTMENT DETAILS.

THE COST OF FURNISHING AND PLACING THE SIZE 2 COARSE AGGREGATE SHALL BE PAID FOR UNDER THE BID ITEM "SLOPE PAVING CONCRETE".

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-346 WITH B-53-347, R-53-58, AND R-53-59.

THE RUSTICATIONS IN THE BACK FACES OF THE PARAPETS ARE INCLUDED IN THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES".

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".



TYPICAL SECTION THRU ABUTMENT

▲ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

William C. Dreher
10/17/18

NO.	DATE	REVISION	BY
1	10/18	ADD. 01: POLYMER OVERLAY	EMK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-53-346

DRAWN BY EMK | PLANS CK'D. SEW

CROSS SECTION & QUANTITIES

SHEET 2

2562

SCALE = 5.00

8

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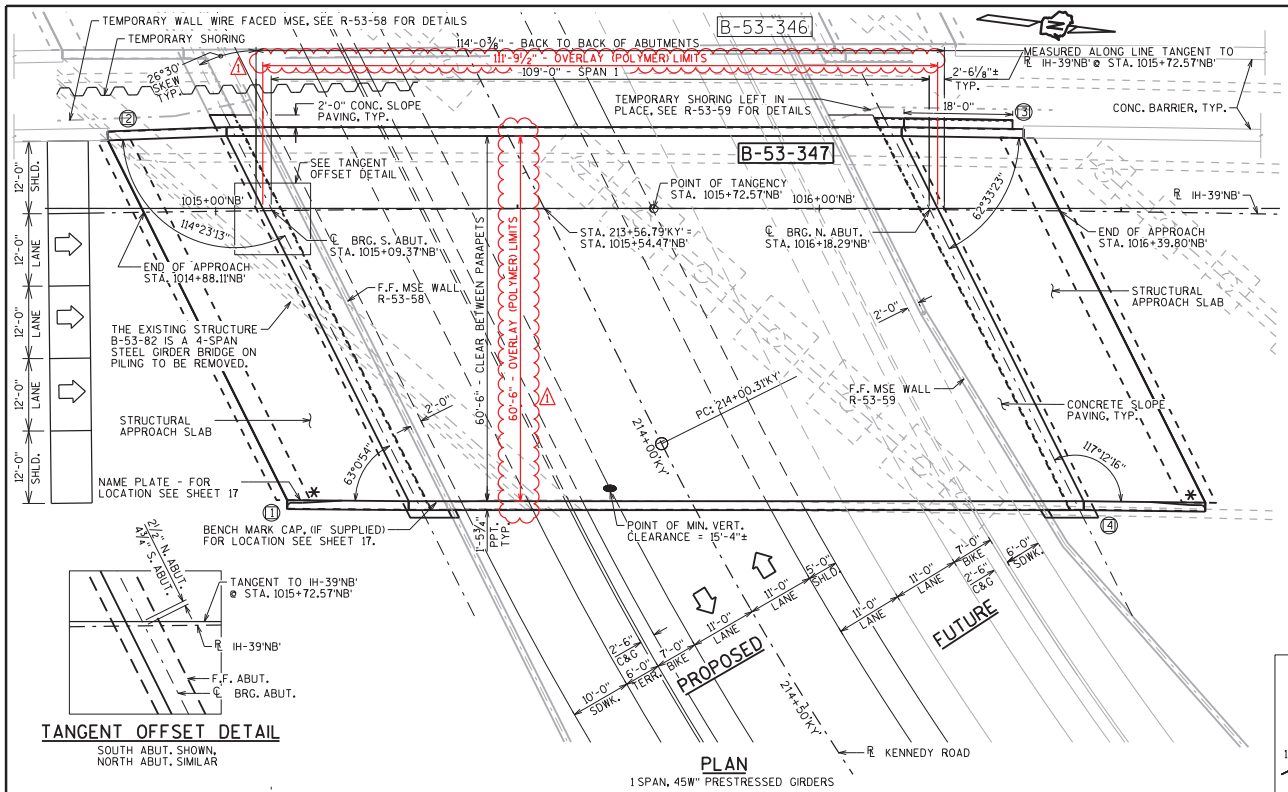
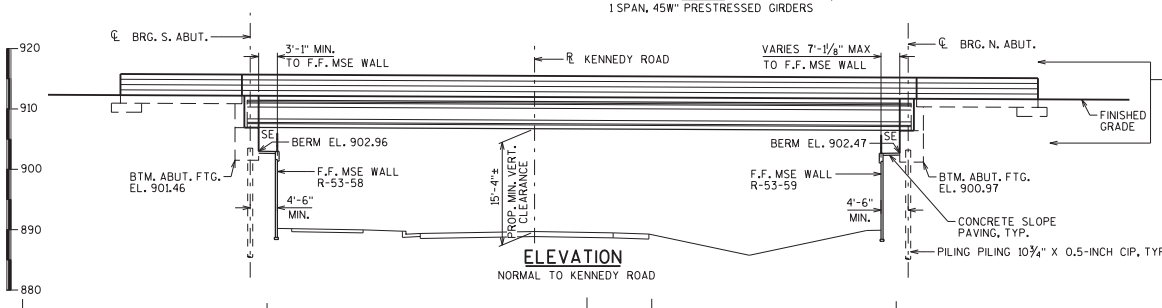


TANGENT OFFSET DETAIL

SOUTH ABUT. SHOWN, NORTH ABUT. SIMILAR

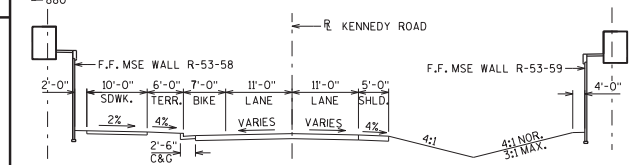
PLAN

1 SPAN, 45W" PRESTRESSED GIRDERS



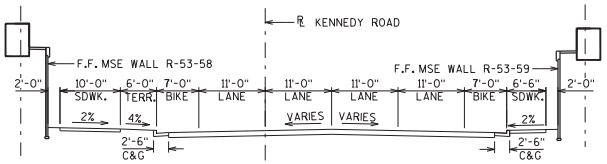
ELEVATION

NORMAL TO KENNEDY ROAD



PROPOSED TYPICAL SECTION THRU KENNEDY ROAD

LOOKING WEST



FUTURE TYPICAL SECTION THRU KENNEDY ROAD

LOOKING WEST

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF = 1.09
OPERATING RATING FACTOR: RF = 1.55
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 250 (KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

William C. Dreher 10/26/18

MATERIAL PROPERTIES

CONCRETE MASONRY (HPC) DECK, PARAPET, DIAPHRAGMS, APPROACH SLAB — f'c = 4,000 P.S.I.
CONCRETE MASONRY ALL OTHER (INCLUDING APPROACH SLAB FTG.) — f'c = 3,500 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 — fy = 60,000 P.S.I.
BAR STEEL REINFORCEMENT STAINLESS, GRADE 60 — fy = 60,000 P.S.I.
45W" PRESTRESSED GIRDERS, CONCRETE MASONRY — f'c = 8,000 P.S.I.
STRANDS- 0.6" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 P.S.I.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON 10¾" X 0.5-INCH CIP CONCRETE PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 150 TONS ** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.

** ESTIMATED 35'-0" LONG AT SOUTH ABUTMENT AND
ESTIMATED 45'-0" LONG AT NORTH ABUTMENT

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC VOLUME

IH-39'NB'	KENNEDY ROAD
A.D.T.=71,100 (2040)	A.D.T.=4,400 (2040)
R.D.S.=70 M.P.H.	R.D.S.=40 M.P.H.

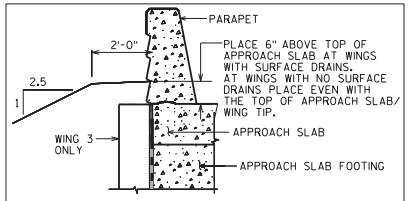
* PROVIDE FOR THRIE BEAM GUARD RAIL ATTACHMENT. AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH "100% SILICONE CAULK".

⬡ INDICATES WING/CLOSURE WALL NUMBER

CURVE DATA

IH-39'NB'

P.I. = 1013+70.87
Δ = 51°33'47"
D = 1°01'06"
T = 2717.96
L = 5064
R = 5627
S.E. = 3.4%
P.C. = 986+52.91
P.T. = 1037+16.90



TYPICAL FILL SECTION AT WING 3 AT END STRUCTURAL APPROACH SLAB

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
3. SUBSURFACE EXPLORATION
4. SOUTH ABUTMENT
5. CLOSURE WALL 1 DETAILS
6. WING 2 & BAR DETAILS
7. NORTH ABUTMENT
8. WING 3 DETAILS
9. CLOSURE WALL 4 & BAR DETAILS
10. 45W" PRESTRESSED GIRDER DETAILS 1
11. 45W" PRESTRESSED GIRDER DETAILS 2
12. STEEL DIAPHRAGM
13. SUPERSTRUCTURE CROSS SECTIONS
14. ABUTMENT DIAPHRAGMS
15. SUPERSTRUCTURE PLAN
16. SUPERSTRUCTURE BAR DETAILS
17. SE & NE CORNERS SINGLE SLOPE PARPET 42SS
18. SW & NW CORNERS SINGLE SLOPE PARAPET 42SS
19. CONDUIT DETAILS
20. SOUTH APPROACH SLAB
21. NORTH APPROACH SLAB
22. AESTHETICS
23. ALTERNATE CONSTRUCTION JOINT

STATE PROJECT NUMBER

1005-10-77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2582
November 28, 2018

STRUCTURE DESIGN CONTACTS:

EMILY KUEHNE (608) 266-5089
AARON BONK (608) 261-0261

NO.	DATE	REVISION	BY
1	10/18	ADD. 01: POLYMER OVERLAY	EMK

BUREAU OF STRUCTURES

ACCEPTED William C. Dreher 7/25/18
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-53-347

IH-39'NB' OVER KENNEDY ROAD

COUNTY ROCK | CITY JANESVILLE

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY EMK | DESIGNED CK'D. SAD | DRAWN BY JPH/EMK | PLANS CK'D. SEW

GENERAL PLAN

SHEET 1 OF 23

2582

8

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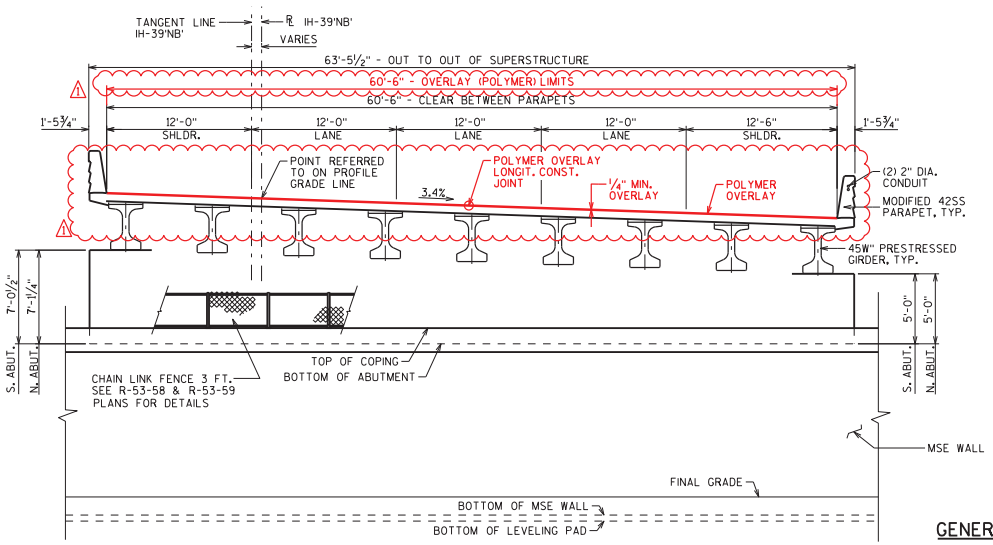
SCALE = 10.00

I.D. 1005-10-01 H DATE: JULY 2018

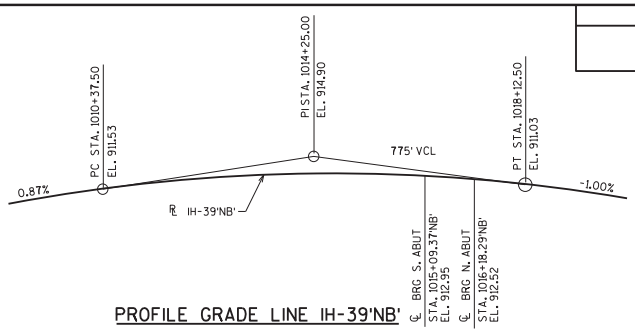
STATE PROJECT NUMBER
1005-10-77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2583
November 28, 2018

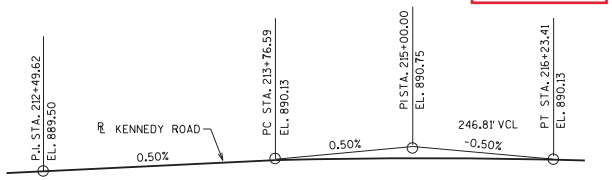


CROSS SECTION THRU ROADWAY

(LOOKING NORTH)



PROFILE GRADE LINE IH-39'NB'



PROFILE GRADE LINE KENNEDY ROAD

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	SOUTH APPROACH	SOUTH ABUT.	NORTH ABUT.	NORTH APPROACH	TOTALS
203.0200	REMOVING OLD STRUCTURE STA. 1015+06.71	LS	---	---	---	---	---	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-53-347	LS	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	---	270	300	---	570
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	---	195	---	---	195	390
501.1000.S	ICE HOT WEATHER CONCRETING	LB	2,350	660	510	600	660	4,780
502.0100	CONCRETE MASONRY BRIDGES	CY	---	19	68	80	19	186
502.3200	PROTECTIVE SURFACE TREATMENT	SY	790	135	---	---	135	1,060
502.3210	PIGMENTED SURFACE SEALER	SY	110	20	---	---	20	150
503.0146	PRESTRESSED GIRDER TYPE 145W-INCH	LF	990	---	---	---	---	990
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	---	4,720	5,540	---	10,260
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	48,130	15,000	440	1,760	15,120	80,450
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	2,150	---	---	---	---	2,150
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	18	---	---	---	---	18
506.4000	STEEL DIAPHRAGMS B-53-347	EACH	16	---	---	---	---	16
509.5100.S	POLYMER OVERLAY	SY	752	---	---	---	---	752
511.1200	TEMPORARY SHORING B-53-347	SF	---	---	1,900	---	---	1,900
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	---	18	18	---	36
517.1010.S.008	CONCRETE STAINING B-53-347	SF	3,050	160	400	530	160	4,300
517.1050.S.008	ARCHITECTURAL SURFACE TREATMENT B-53-347	SF	---	---	300	410	---	710
550.2108	PILING CIP CONCRETE 10 3/4 X 0.50-INCH	LF	---	---	630	855	---	1,485
604.0400	SLOPE PAVING CONCRETE	SY	---	---	21	47	---	68
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	2	---	---	---	---	2
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	52	---	---	---	---	52
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	273	---	---	---	---	273
653.0222	JUNCTION BOXES 18X12X6-INCH	EACH	2	---	---	---	---	2
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	313	69	---	---	69	451
SPV.0090.700	REMOVING EXISTING HP 10-INCH X 42 LB PILING	LF	---	---	140	---	---	140
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	0	1,200	---	---	1,210	2,410
	NON-BID ITEMS							
	FILLER	SIZE						½", ¾", 1½"

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-53-347" SHALL BE THE EXISTING GROUND LINE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL. ALSO EXCLUDED IS THE "BASE AGGREGATE DENSE 1 1/4-INCH" AS DETAILED ON THE STRUCTURAL APPROACH SLAB SHEETS.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF DECK AND APPROACH SLAB SURFACES AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT DIAPHRAGMS.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS, INCLUDING PARAPETS ON APPROACH SLABS.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO DESIGNATION M153, TYPE I, II, OR III OR AASHTO DESIGNATION M213.

THE CONCRETE QUANTITIES FOR PARAPETS, SUPERSTRUCTURE DECK, APPROACH SLABS (EXCLUDING FOOTINGS), CONCRETE DIAPHRAGMS, AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES".

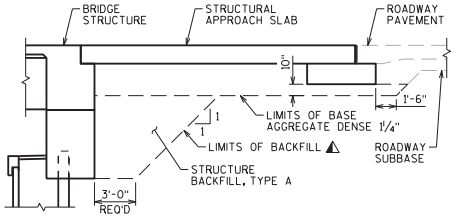
THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND IN THE ABUTMENT DETAILS.

THE COST OF FURNISHING AND PLACING THE SIZE 2 COARSE AGGREGATE SHALL BE PAID FOR UNDER THE BID ITEM "SLOPE PAVING CONCRETE".

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-347 WITH B-53-346, R-53-58, AND R-53-59.

THE RUSTICATIONS IN THE BACK FACES OF THE PARAPETS ARE INCLUDED IN THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES".

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".



TYPICAL SECTION THRU ABUTMENT

BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

William C. Dreher
10/26/18

NO.	DATE	REVISION	BY
1	10/18	ADD. 01: POLYMER OVERLAY	EMK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-53-347

DRAWN BY EMK | PLANS CK'D. SEW

CROSS SECTION & QUANTITIES

SHEET 2

2583

SCALE = 5.00

8

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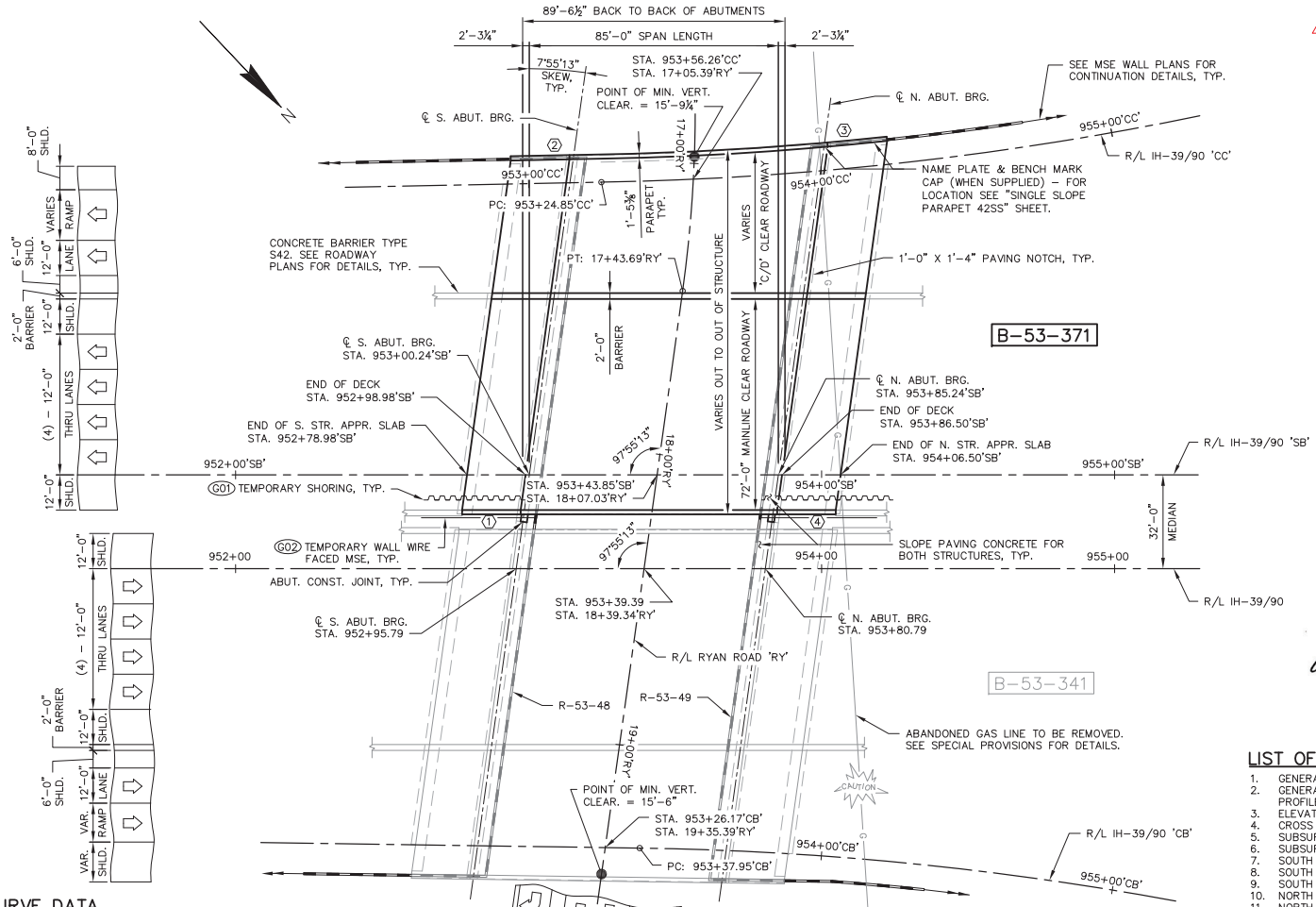


CURVE DATA

R/L RYAN ROAD 'RY'	R/L IH-39/90 'CC'	R/L IH-39/90 'CB'
PI STA = 16+98.89'RY'	PI STA = 956+68.37'CC'	PI STA = 955+29.60'CB'
Δ = 11°26'47"	Δ = 34°23'31"	Δ = 19°51'18"
D = 12°43'57"	D = 5°09'42"	D = 5°13'57"
T = 45.10	T = 343.52	T = 191.65
L = 89.90	L = 666.28	L = 379.46
R = 450.00	R = 1110.00	R = 1095.00
PC STA = 16+53.79'RY'	PC STA = 953+24.85'CC'	PC STA = 953+37.95'CB'
PT STA = 17+43.69'RY'	PT STA = 959+91.13'CC'	PT STA = 957+17.41'CB'

PLAN B-53-371

(SINGLE SPAN 45W-INCH PRESTRESSED CONCRETE GIRDERS)

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
18	965+09.31'SB'	WISDOT DISK TOP PARAPET NW QUAD B-53-85, 86.42' LT.	923.67
19	964+57.25'SB'	CHIS SQ TOP PARAPET, 98.22' LT.	901.91

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

NOTES

G01 TEMPORARY SHORING BID ITEM TO BE INCLUDED WITH STRUCTURE B-53-341 QUANTITIES.

G02 TEMPORARY WALL WIRE FACED MSE INSTALLED DURING CONSTRUCTION OF WALLS R-53-48 AND R-53-49. SEE WALL PLANS FOR QUANTITIES AND DETAILS.

⬡ INDICATES WING NUMBER

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588-7866

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266-8489

Addendum No. 1
ID 1005-10-77
Revised Sheet 2605
November 28, 2018

STATE PROJECT NUMBER
1005-10-77

DESIGN DATA

LIVE LOAD:

DESIGN LOADING — HL-93
INVENTORY RATING FACTOR — RF=1.24
OPERATING RATING FACTOR — RF=1.61
WISCONSIN STANDARD PERMIT VEHICLE RATING (WIS.-SPV): — 250 KIPS

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT. STRUCTURE IS RATED FOR A POLYMER OVERLAY OF 5 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY,
HPC DECK, PARAPET, BARRIER,
DIAPHRAGMS & STR. APPR. SLABS — $f'c$ = 4,000 P.S.I.
ALL OTHER (INCL. STR. APPR. SLAB FTGS. — $f'c$ = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT — fy = 60,000 P.S.I.
45W-INCH PRESTRESSED GIRDERS
CONCRETE MASONRY — $f'c$ = 8,000 P.S.I.
STRANDS – 0.6" DIAMETER WITH AN
ULTIMATE TENSILE STRENGTH OF — fu = 270,000 P.S.I.

FOUNDATION DATA:

ABUTMENTS TO BE SUPPORTED ON 12¾" x 0.375-INCH C.I.P. PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 210 TONS PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATE 35 FT. PILE LENGTHS AT THE SOUTH ABUTMENT AND 35 FT. PILE LENGTHS AT THE NORTH ABUTMENT.

THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

TRAFFIC DATA:

IH-39/90		RYAN ROAD	
A.A.D.T. (2017)	59,000	A.A.D.T. (2017)	N/A
A.A.D.T. (2040)	92,400	A.A.D.T. (2040)	5,450
DESIGN SPEED	70 M.P.H.	DESIGN SPEED	30 M.P.H.

William C. Dreher SDE
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018

LIST OF DRAWINGS

1. GENERAL PLAN
2. GENERAL NOTES, QUANTITIES AND PROFILES
3. ELEVATION
4. CROSS SECTION
5. SUBSURFACE EXPLORATION #1
6. SUBSURFACE EXPLORATION #2
7. SOUTH ABUTMENT
8. SOUTH ABUTMENT DETAILS
9. SOUTH ABUTMENT REINFORCEMENT
10. NORTH ABUTMENT
11. NORTH ABUTMENT DETAILS
12. NORTH ABUTMENT REINFORCEMENT
13. BEAM SEAT DETAILS
14. 45W-INCH PRESTRESSED GIRDER
15. 45W-INCH PRESTRESSED GIRDER DETAILS
16. INTERMEDIATE STEEL DIAPHRAGM
17. SUPERSTRUCTURE PLAN
18. SUPERSTRUCTURE TYPICAL SECTION
19. DIAPHRAGM REINFORCEMENT AT SOUTH ABUTMENT
20. DIAPHRAGM REINFORCEMENT AT NORTH ABUTMENT
21. SUPERSTRUCTURE REINFORCEMENT
22. SINGLE SLOPE PARAPET 42SS
23. CONDUIT DETAILS
24. SOUTH STRUCTURAL APPROACH SLAB
25. SOUTH STRUCTURAL APPROACH SLAB DETAILS
26. NORTH STRUCTURAL APPROACH SLAB
27. NORTH STRUCTURAL APPROACH SLAB DETAILS
28. ALTERNATE CONSTRUCTION JOINT
29. AESTHETIC DETAILS

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B-53-371

IH-39/90 'SB' OVER RYAN ROAD

COUNTY: ROCK | ~~TOWN~~/CITY/~~VILLAGE~~: JANESVILLE

DESIGN SPEC.: AASHTO LRFD DESIGN SPEC.

DESIGNED BY: JDO | DESIGN CK'D.: CDS | DRAWN BY: JDO | PLANS CK'D.: JJK

GENERAL PLAN

SHEET 1 OF 29

2605

8

FILE: 01&03-B530371_fsh.dwg
PLOT SCALE:

STATE PROJECT NUMBER
1005-10-77

TOTAL ESTIMATED QUANTITIES

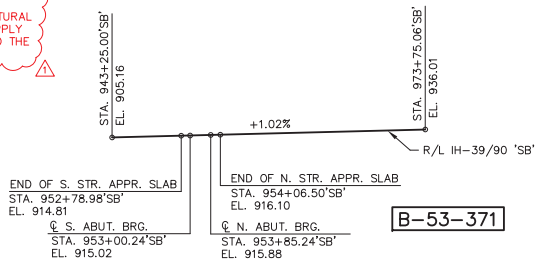
ITEM NO.	BID ITEMS	UNIT	S. STR. APPR. SLAB	S. ABUT.	N. ABUT.	N. STR. APPR. SLAB	SUPER.	TOTALS
206.1000.003	EXCAVATION FOR STRUCTURES BRIDGES B-53-371	LS	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	500	520	---	---	1020
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	390	---	---	400	---	790
501.1000.S	ICE HOT WEATHER CONCRETING	LB	1240	870	920	1290	3840	8160
502.0100	CONCRETE MASONRY BRIDGES	CY	33	116	122	35	---	306
502.3200	PROTECTIVE SURFACE TREATMENT	SY	261	---	---	274	66 ◐	601
502.3210	PIGMENTED SURFACE SEALER	SY	38	---	---	38	164	240
503.0146	PRESTRESSED GIRDER TYPE I 45W-INCH	LF	---	---	---	---	1033	1033
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	---	8930	9220	---	---	18150
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	26880	120	120	28180	79770	135070
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	---	---	---	---	5040	5040
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	---	12	12	---	---	24
506.4000.003	STEEL DIAPHRAGMS B-53-371	EACH	---	---	---	---	22	22
509.5100.S	POLYMER OVERLAY	SY	---	---	---	---	1160	1160
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	24	25	---	2	51
517.1010.S.003	CONCRETE STAINING B-53-371	SF	193	897	935	195	2293	4513
517.1050.S.003	ARCHITECTURAL SURFACE TREATMENT B-53-371	SF	---	563	582	---	---	1145
550.2126	PILING CIP CONCRETE 12 3/4 X 0.375-INCH	LF	---	770	770	---	---	1540
604.0400	SLOPE PAVING CONCRETE	SY	---	34	35	---	---	69
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	---	125	130	---	---	255
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	---	109	113	---	---	222
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	15	---	---	15	---	30
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	50	---	---	50	167	267
653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH	---	---	---	---	4	4
SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY	131	---	---	136	512	779
SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SF	2349	---	---	2459	---	4808
(NON-BID ITEM)	FILLER	SIZE	---	---	---	---	---	½" & ¾"

◐ PROTECTIVE SURFACE TREATMENT QUANTITY SHOWN FOR SUPERSTRUCTURE IS FOR THE PAVING NOTCH BETWEEN ABUTMENT DIAPHRAGMS AND STRUCTURAL APPROACH SLABS ONLY. DO NOT APPLY PROTECTIVE SURFACE TREATMENT TO THE SUPERSTRUCTURE DECK.

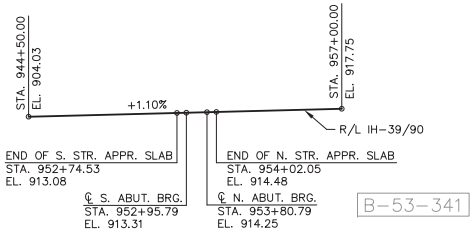
William C. Dreher SDR
11/21/18

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018



PROFILE GRADE LINE, R/L IH-39/90 'SB'



PROFILE GRADE LINE, R/L IH-39/90

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE SLOPE OF THE FILL BETWEEN THE FRONT FACE OF THE ABUTMENTS AND RETAINING WALLS SHALL BE COVERED WITH CONCRETE SLOPE PAVING TO THE EXTENT SHOWN ON THE "GENERAL PLAN" SHEET AND ON THE ABUTMENT SHEETS. SEE PLANS FOR RETAINING WALLS R-53-48 AND R-53-49 FOR FURTHER DETAILS.

AT THE BACKFACE OF THE ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE QUANTITY FOR BACKFILL STRUCTURE TYPE A, BID ITEM 210.1500, IS CALCULATED BASED ON WBM STANDARD DETAIL 9.01 STRUCTURE BACKFILL LIMITS AND NOTES.

THE COST OF FURNISHING AND PLACING THE MSE BACKFILL OR SIZE 2 COARSE AGGREGATE UNDER THE SLOPE PAVING SHALL BE INCLUDED WITH THE BID ITEM "SLOPE PAVING CONCRETE".

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON "45W-INCH PRESTRESSED GIRDER DETAILS" SHEET.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

FORMLINER ON THE FRONT FACE OF THE ABUTMENTS SHALL BE PAID FOR UNDER THE BID ITEM "ARCHITECTURAL SURFACE TREATMENT B-53-371".

IF TOUCH UP STAINING IS REQUIRED AFTER INSTALLATION IS COMPLETE, ALL TOUCH UP STAINING IS TOE BE DONE TO THE SATISFACTION OF THE FIELD ENGINEER AT NO ADDITIONAL COST.

CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF BRIDGE B-53-371 WITH RETAINING WALLS R-53-48 AND R-53-49.

THE CONCRETE QUANTITIES FOR THE PARAPETS, BARRIER, SUPERSTRUCTURE DECK, STRUCTURAL APPROACH SLABS (EXCLUDING THE FOOTINGS), CONCRETE DIAPHRAGMS AND HAUNCH OVER GIRDERS SHALL BE PAID FOR UNDER THE BID ITEM "HPC MASONRY STRUCTURES".

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ~~SUPERSTRUCTURE DECK AND~~ STRUCTURAL APPROACH SLABS PER THE STANDARD SPECIFICATION. DO NOT APPLY PROTECTIVE SURFACE TREATMENT TO THE SUPERSTRUCTURE DECK. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE CONCRETE BARRIER AND PARAPETS PER THE STANDARD SPECIFICATION. SEE "ELEVATION" SHEET FOR PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER LIMITS.

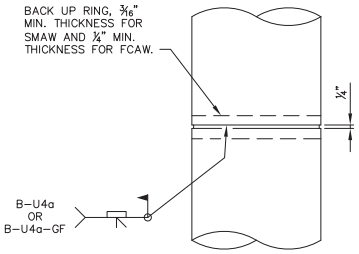
CONCRETE MASONRY REQUIRES A MINIMUM CURE TIME OF 28 DAYS BEFORE PLACING POLYMER OVERLAY.

POLYMER OVERLAY IS TO BE PLACED ON THE BRIDGE DECK PRIOR TO TRAFFIC. THE BRIDGE DECK IS NOT TO BE TRANSVERSELY TINED ACCORDING TO THE STANDARD SPECIFICATION 502.3.7.8 (14).

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

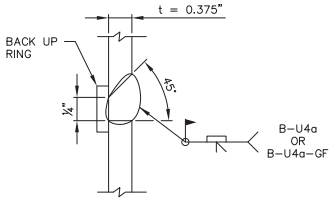
ALL TOP OF CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY.

BID ITEM SPV.0165.700 "LONGITUDINAL GROOVING BRIDGE DECK" SHALL ONLY BE APPLIED TO THE STRUCTURAL APPROACH SLABS. DO NOT APPLY "LONGITUDINAL GROOVING BRIDGE DECK" TO THE DECK OF THE BRIDGE.

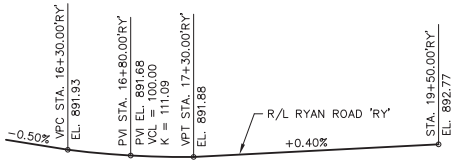


CAST-IN-PLACE 'PIPE PILE'

NOTE: CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION.



C.I.P. PILE WELD DETAIL



PROFILE GRADE LINE, R/L RYAN ROAD 'RY'

Addendum No. 1
ID 1005-10-77
Revised Sheet 2606
November 28, 2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-371

DRAWN BY JDO | PLANS CK'D JJK

GENERAL NOTES, QUANTITIES AND PROFILES

SHEET 2 OF 29

2606

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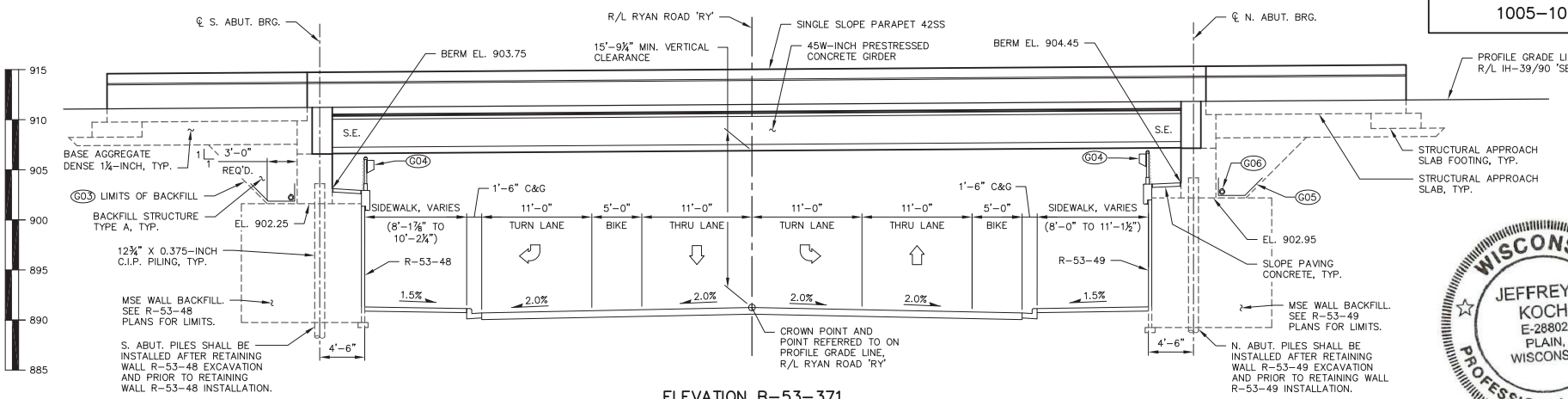
FILE: 02-B530371_gnt.dwg
PLOT SCALE:

STATE PROJECT NUMBER
1005-10-77



ELEVATION B-53-371

(NORMAL TO RYAN ROAD, LOOKING WEST)

WISCONSIN JEFFREY J. KOCH E-28802 PLAIN, WISCONSIN PROFESSIONAL ENGINEER

11/21/2018

William C. Dreher SDR

11/21/18

NOTES

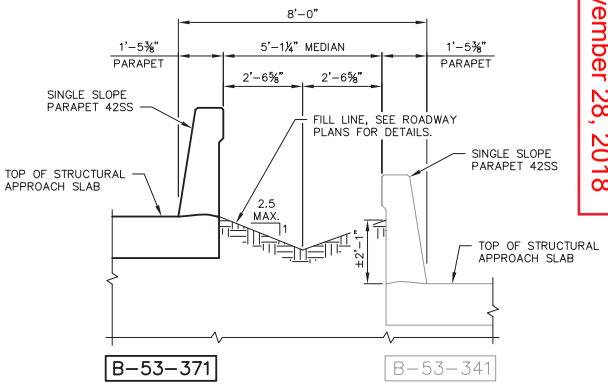
G03 BACKFILL PAY LIMITS FOR BRIDGE STRUCTURE. SEE R-53-48 AND R-53-49 PLANS FOR FILL LIMITS BEYOND THE BRIDGE STRUCTURE BACKFILL PAY LIMITS.

G04 UNDERDECK LIGHTING TO BE LOCATED ON MSE WALL CHAIN LINK FENCE. SEE R-53-48 AND R-53-49 PLANS FOR LOCATIONS AND DETAILS.

G05 "GEOTEXTILE TYPE DF SCHEDULE A" LIMITS. EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT.

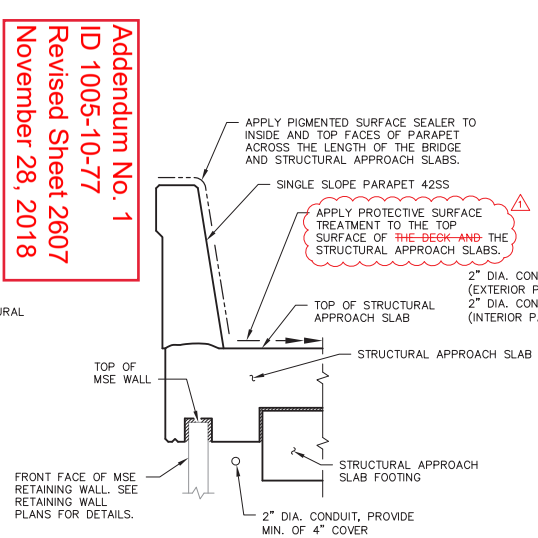
G06 PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE.

Addendum No. 1
ID 1005-10-77
Revised Sheet 2607
November 28, 2018



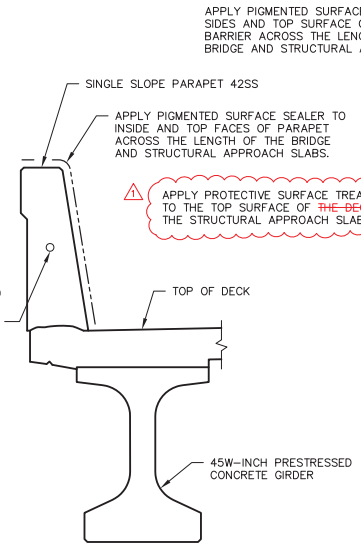
TYPICAL FILL SECTION IN MEDIAN

(INTERIOR PARAPETS, LOOKING NORTH)



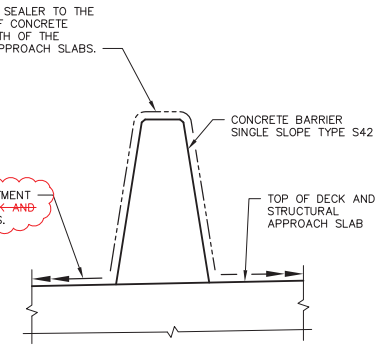
CONCRETE SURFACE TREATMENT ON STRUCTURAL APPROACH SLABS

(EXTERIOR PARAPET, LOOKING NORTH)



CONCRETE SURFACE TREATMENT DETAILS IN SPAN

(EXTERIOR PARAPET, LOOKING NORTH)



CONCRETE SURFACE TREATMENT DETAIL FOR CONCRETE BARRIER

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NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-371

DRAWN BY JDO | PLANS CK'D JJK

ELEVATION

SHEET 3 OF 29

2607

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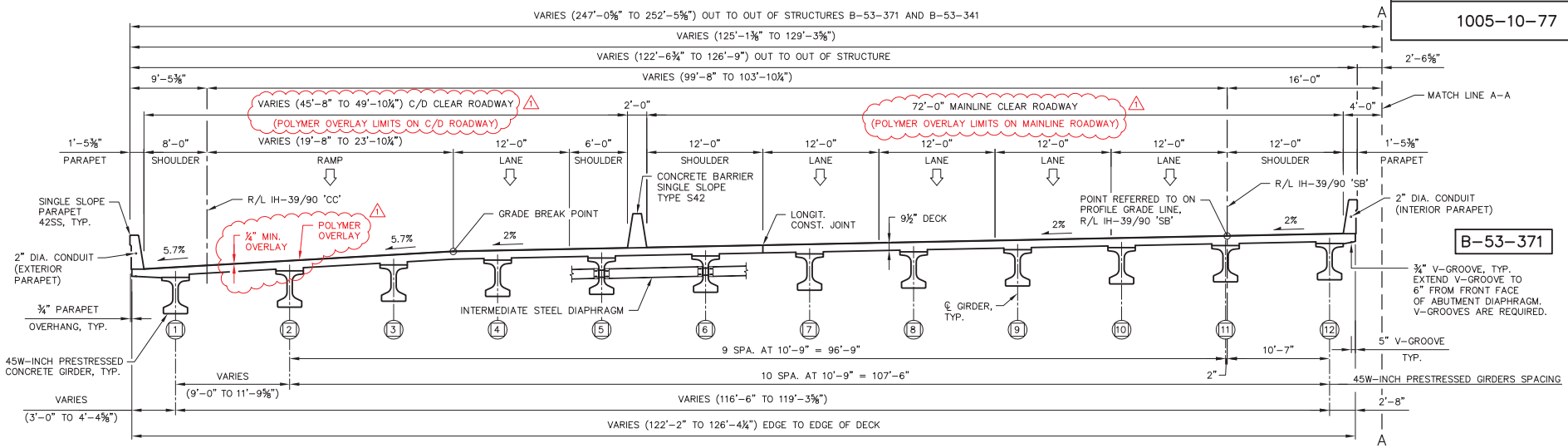
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER

1005-10-77



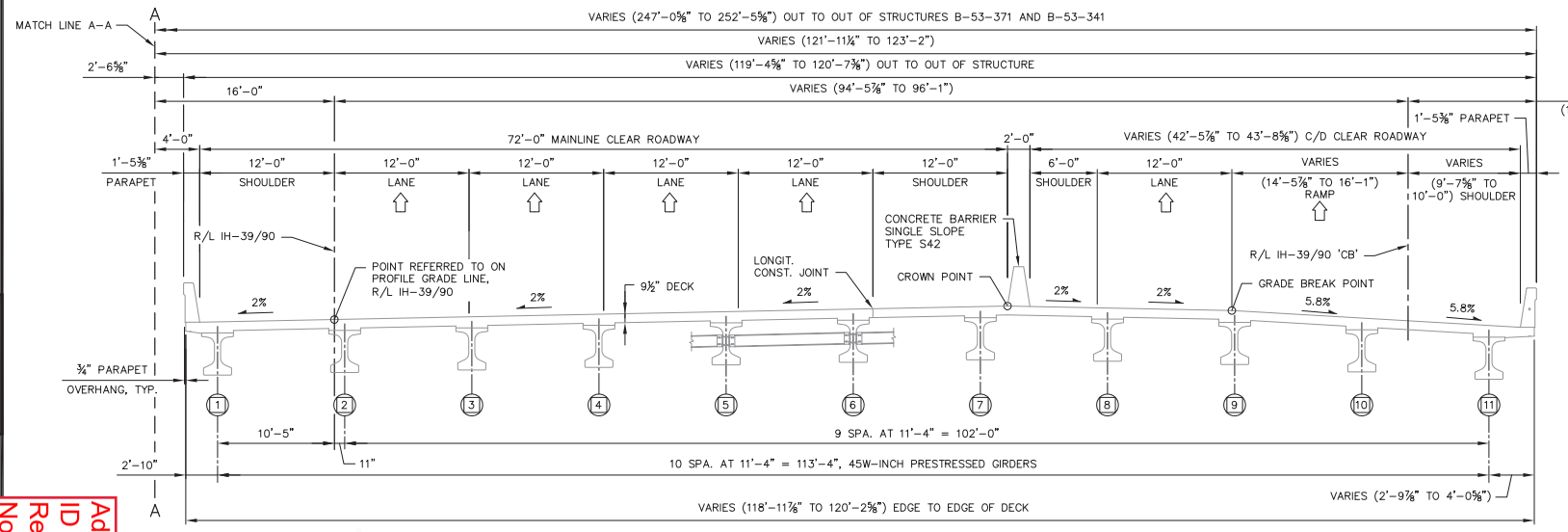
B-53-371

CROSS SECTION THRU IH-39/90 'SB' IN SPAN

(LOOKING NORTH)

NOTE

INDICATES GIRDER LINE DESIGNATION



CROSS SECTION THRU IH-39/90 IN SPAN

(LOOKING NORTH)

B-53-341

William C. Dreher SDR
11/21/18

WISCONSIN
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11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-371

DRAWN BY JDO | PLANS CK'D JJK

CROSS SECTION

SHEET 4 OF 29

2608

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PLOT SCALE:

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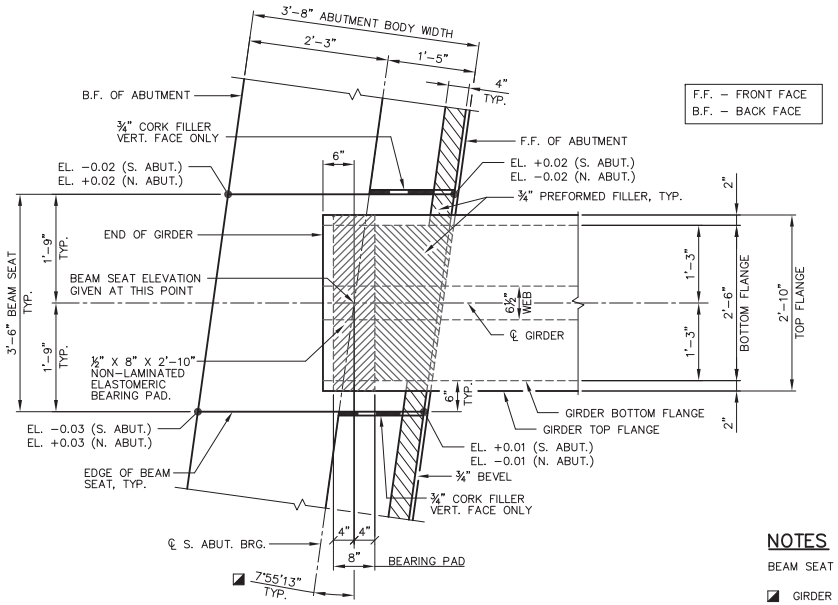
Addendum No. 1
ID 1005-10-77
Revised Sheet 2608
November 28, 2018

STATE PROJECT NUMBER
1005–10–77



F.F. – FRONT FACE
B.F. – BACK FACE

ABUTMENT BEAM SEAT DETAIL

(SOUTH ABUTMENT SHOWN, NORTH ABUTMENT SIMILAR)

NOTES

BEAM SEAT ELEVATIONS SHOWN ON ABUTMENT SHEETS.

◪ GIRDER 1 ANGLE IS 9°48'9"

Addendum No. 1
ID 1005-10-77
Revised Sheet 2617
November 28, 2018

William C. Dreher SDR
11/21/18

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PROFESSIONAL ENGINEER
11/21/2018

TOP OF DECK ELEVATIONS

	℄ S. ABUT. BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	℄ N. ABUT. BRG.
WEST DECK EDGE	912.00	912.07	912.15	912.23	912.29	912.36	912.42	912.48	912.53	912.59	912.62
GIRDER 1	912.09	912.17	912.24	912.30	912.38	912.44	912.52	912.59	912.66	912.73	912.81
GIRDER 2	912.59	912.68	912.76	912.85	912.93	913.02	913.11	913.19	913.28	913.36	913.45
GIRDER 3	913.20	913.28	913.37	913.45	913.54	913.63	913.71	913.80	913.88	913.97	914.06
GRADE BREAK	913.54	913.62	913.71	913.79	913.88	913.97	914.05	914.14	914.22	914.31	914.40
GIRDER 4	913.62	913.71	913.79	913.88	913.96	914.05	914.14	914.22	914.31	914.39	914.48
GIRDER 5	913.83	913.91	914.00	914.08	914.17	914.26	914.34	914.43	914.51	914.60	914.68
GIRDER 6	914.02	914.11	914.19	914.28	914.36	914.45	914.54	914.62	914.71	914.79	914.88
CONST. JOINT	914.13	914.21	914.29	914.37	914.45	914.53	914.61	914.69	914.77	914.84	914.92
GIRDER 7	914.22	914.31	914.40	914.48	914.57	914.65	914.74	914.83	914.91	915.00	915.08
GIRDER 8	914.42	914.51	914.59	914.68	914.76	914.85	914.94	915.02	915.11	915.19	915.28
GIRDER 9	914.62	914.71	914.80	914.88	914.97	915.05	915.14	915.23	915.31	915.40	915.48
GIRDER 10	914.82	914.91	914.99	915.08	915.16	915.25	915.34	915.42	915.51	915.59	915.68
GIRDER 11	915.02	915.11	915.20	915.28	915.37	915.45	915.54	915.63	915.71	915.80	915.88
GIRDER 12	915.22	915.31	915.39	915.48	915.56	915.65	915.74	915.82	915.91	915.99	916.08
EAST DECK EDGE	915.25	915.33	915.42	915.51	915.59	915.68	915.76	915.85	915.94	916.02	916.11

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. △1

WEST DECK EDGE

	STA. ON R/L IH–39/90 'SB'	OFFSET FROM R/L LINE	EDGE OF DECK ELEVATION
℄ S. ABUT. BRG.	953+15.39'SB'	108.91	912.00
0.1	953+23.96'SB'	109.08	912.07
0.2	953+32.53'SB'	109.27	912.15
0.3	953+41.10'SB'	109.51	912.23
0.4	953+49.66'SB'	109.83	912.29
0.5	953+58.22'SB'	110.21	912.36
0.6	953+66.78'SB'	110.65	912.42
0.7	953+75.34'SB'	111.16	912.48
0.8	953+83.89'SB'	111.74	912.53
0.9	953+92.44'SB'	112.39	912.59
℄ N. ABUT. BRG.	954+00.98'SB'	113.10	912.62

NOTE: ALL TOP OF DECK CONCRETE ELEVATIONS SHOWN ARE PRIOR TO THE PLACEMENT OF THE POLYMER OVERLAY. △1

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–371

DRAWN BY JDO | PLANS CK'D JJK

BEAM SEAT DETAILS

SHEET 13 OF 29

2617

8

8

FILE: 13–B530371_beam.dwg
PLOT SCALE:

I.D. 1005–10–77 PLOT DATE: Nov 21, 2018

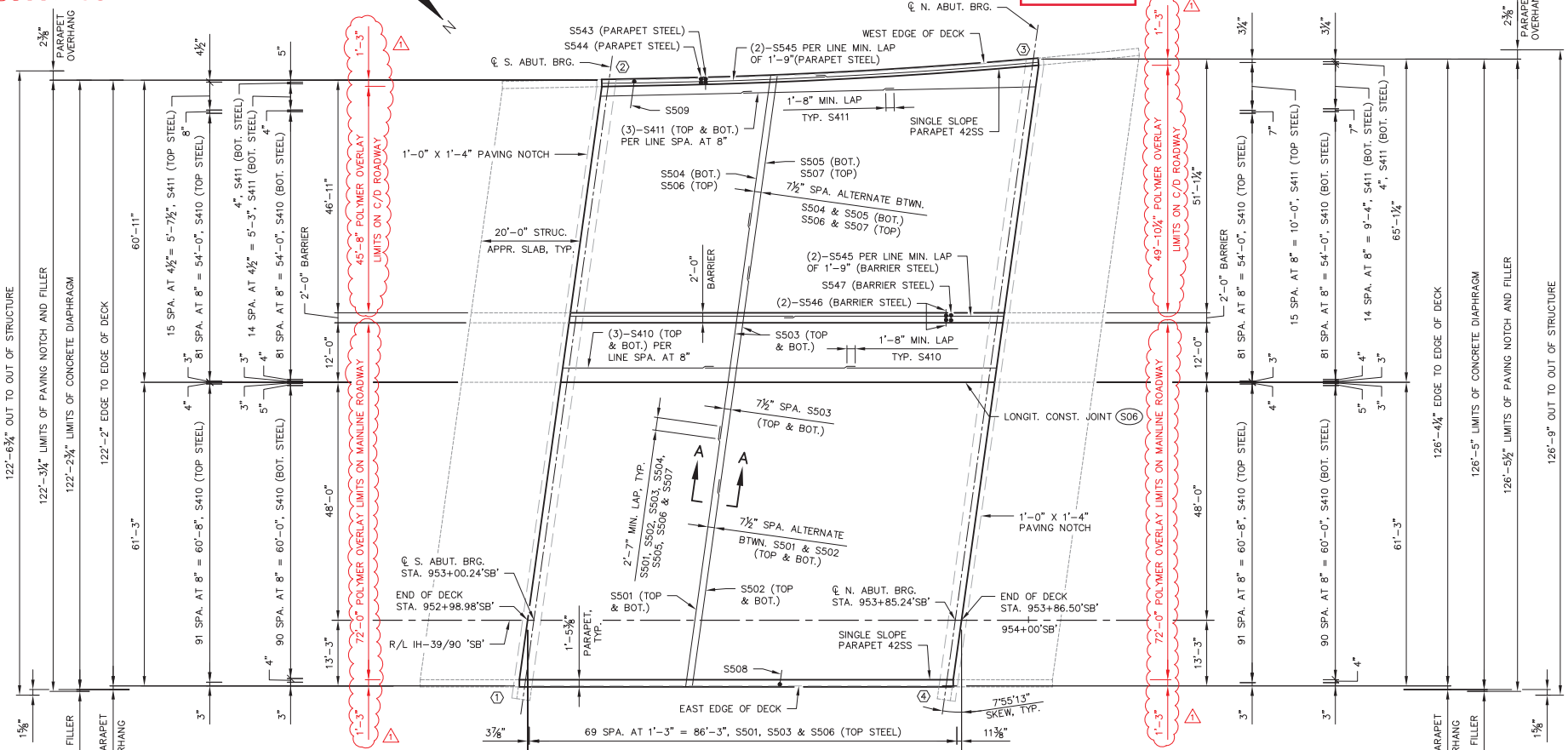
Addendum No. 1
ID 1005-10-77
Revised Sheet 2621
November 28, 2018

STATE PROJECT NUMBER
1005-10-77

F.F. – FRONT FACE
B.F. – BACK FACE

NOTE:
POLYMER OVERLAY TO EXTEND FROM END OF DECK TO END OF DECK ONLY. POLYMER OVERLAY NOT TO BE PLACED ON STRUCTURAL APPROACH SLABS.

William C. Dreher SDR
11/21/18



NOTES

FOR CROSS–SECTION THRU SUPERSTRUCTURE SEE "SUPERSTRUCTURE TYPICAL SECTION" SHEET.

FOR CONCRETE DIAPHRAGM REINFORCEMENT LAYOUT AT ABUTMENTS SEE "DIAPHRAGM REINFORCEMENT AT SOUTH ABUTMENT" SHEET AND "DIAPHRAGM REINFORCEMENT AT NORTH ABUTMENT" SHEET.

SECTION A–A SHOWN ON "SUPERSTRUCTURE REINFORCEMENT" SHEET.

(S06) ROUTE OUT LONGITUDINAL CONSTRUCTION JOINT ¼" x ⅜" DEEP. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES." SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

⬡ INDICATES WING NUMBER

DECK PLAN SHOWING BAR REINFORCEMENT

WISCONSIN PROFESSIONAL ENGINEER
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B–53–371

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE PLAN

SHEET 17 OF 29

2621

I.D. 1005–10–77 PLOT DATE: Nov 21, 2018

FILE: 17-21-B530371_super.dwg
PLOT SCALE:

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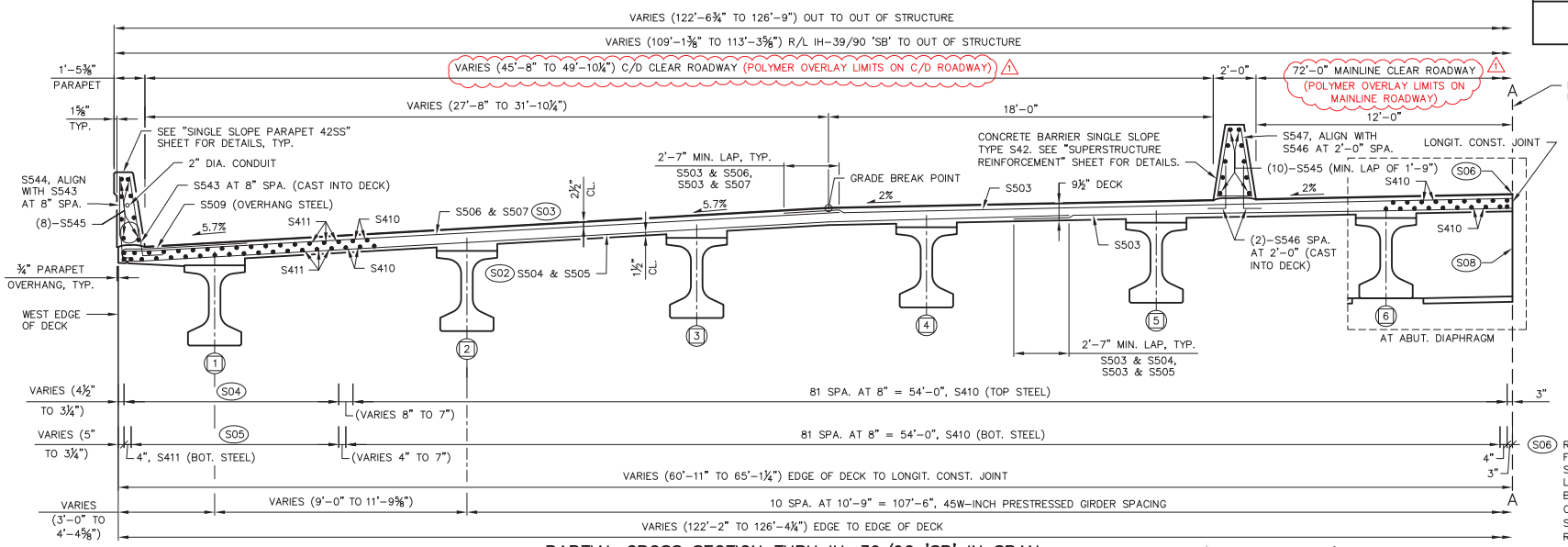
STATE PROJECT NUMBER
1005-10-77



PARTIAL CROSS SECTION THRU IH-39/90 'SB' IN SPAN

(LOOKING NORTH)

William C. Dreher SDR

11/21/18

NOTES

(S01) ALTERNATE BETWEEN S501 & S502 ACROSS THE ENTIRE LENGTH OF THE BRIDGE DECK.

(S02) ALTERNATE BETWEEN S504 & S505 ACROSS THE ENTIRE LENGTH OF THE BRIDGE DECK.

(S03) ALTERNATE BETWEEN S506 & S507 ACROSS THE ENTIRE LENGTH OF THE BRIDGE DECK.

(S04) 15 SPA. AT 4½" = 5'-7½", S411 (TOP STEEL) AT S. ABUT. 15 SPA. AT 8" = 10'-0", S411 (TOP STEEL) AT N. ABUT.

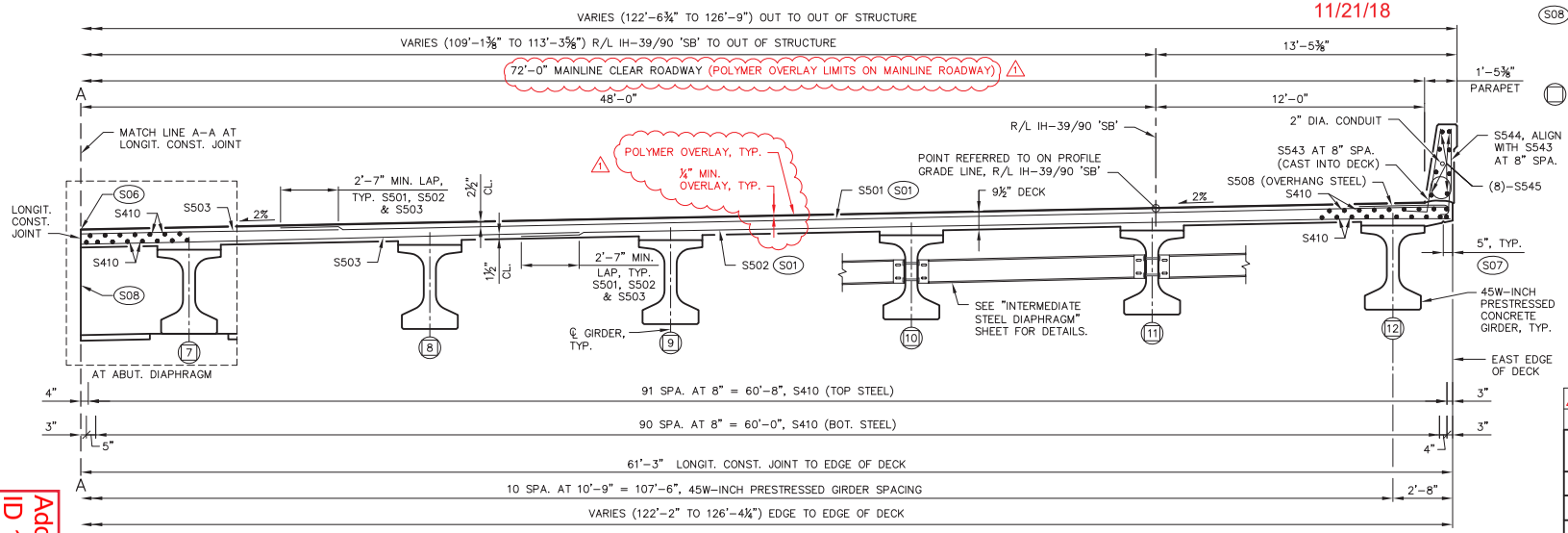
(S05) 14 SPA. AT 4½" = 5'-3", S411 (BOT. STEEL) AT S. ABUT. 14 SPA. AT 8" = 9'-4", S411 (BOT. STEEL) AT N. ABUT.

(S06) ROUTE OUT ¼" X ⅜" DEEP AT JOINT. FILL IN WITH LOW VISCOSITY CRACK SEALER PER THE APPROVED PRODUCTS LIST. COST TO BE INCLUDED WITH THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPS) MASONRY STRUCTURES". SEE "SUPERSTRUCTURE REINFORCEMENT" SHEET FOR DETAILS.

(S07) ¾" V-GROOVE, TYP. EXTEND V-GROOVE TO 6" FROM FRONT FACE OF ABUTMENT DIAPHRAGM. V-GROOVES ARE REQUIRED.

(S08) A VERT. CONSTR. JOINT SHALL BE PLACED AT THE ABUTMENT DIAPHRAGMS AT THE LOCATION OF THE LONGIT. CONST. JOINT. SEAL THE BACK OF THE VERT. CONST. JOINT AT EACH ABUTMENT WITH RUBBERIZED MEMBRANE WATERPROOFING.

INDICATES GIRDER LINE DESIGNATION



PARTIAL CROSS SECTION THRU IH-39/90 'SB' IN SPAN

(LOOKING NORTH)

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/21/2018

NO.	DATE	REVISION	BY
1	11/21/18	POLYMER OVERLAY ADDED TO PLAN	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-371

DRAWN BY JDO | PLANS CK'D JJK

SUPERSTRUCTURE TYPICAL SECTION

SHEET 18 OF 29

2622

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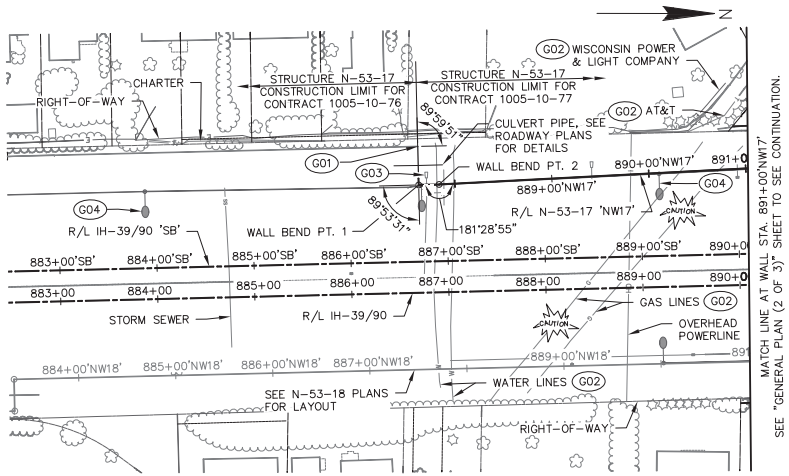
Addendum No. 1
ID 1005-10-77
Revised Sheet 2622
November 28, 2018

FILE: 17-21-B530371_super.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 21, 2018

STATE PROJECT NUMBER
1005–10–77

Addendum No. 1
ID 1005-10-77
Revised Sheet 2634
November 28, 2018



PLAN

(NOISE BARRIER N–53–17)

WALL BEND POINTS

WALL BEND PT. 1
WALL STA. 887+62.68'NW17'
STA. 886+71.47'SB', 79.05' LT.
N: 277,892.80
E: 503,604.41

WALL BEND PT. 2
WALL STA. 887+83.73'NW17'
STA. 886+92.51'SB', 79.09' LT.
N: 277,913.85
E: 503,604.12

LEGEND

G01 BEGIN CONSTRUCTION FOR 1005–10–77 WALL
STA. 887+23.00'NW17'
STA. 886+71.47'SB', 118.73' LT.
N: 277,892.33
E: 503,564.73
MATCH POINT FOR PROJECT 1005–10–76

G02 EXISTING UTILITIES TO REMAIN. SPACE NOISE BARRIER POSTS TO AVOID ANY IMPACTS TO UTILITY LINES. CONTRACTOR SHALL POT HOLE UTILITIES TO CONFIRM LOCATIONS. COST INCLUDED WITH "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–17".

G03 SEE ROADWAY PLANS FOR NEW STORM SEWER LAYOUT.

G04 COORDINATE WITH ROADWAY CONTRACTOR FOR PLACEMENT OF LIGHTING BASES AND CONDUIT.

GENERAL NOTES

CONSTRUCTION OF NOISE BARRIER N–53–17 TO BE COORDINATED WITH PROJECT 1005–10–76 CONSTRUCTION OPERATIONS BETWEEN WALL STA. 863+12.83'NW17' AND WALL STA. 887+23.00'NW17'.

DRAWINGS SHALL NOT BE SCALED.

ALL STATIONS, ELEVATIONS, AND OFFSETS ARE IN UNITS OF FEET UNLESS OTHERWISE SHOWN OR NOTED.

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE NOISE BARRIER IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE NOISE BARRIER MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–17".

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

THE STRUCTURAL AND FOUNDATION DESIGN OF THE NOISE BARRIER SYSTEM SHALL BE IN ACCORDANCE TO THE CURRENT EDITION OF "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS", EXCEPT THAT THE NOISE BARRIER SHALL BE DESIGNED TO WITHSTAND THE WIND PRESSURE SHOWN BELOW, APPLIED PERPENDICULAR TO THE BARRIER, IN EACH DIRECTION.

THE FOLLOWING DESIGN PRESSURES SHALL BE USED IN ACCORDANCE WITH THE SPECIAL PROVISIONS:

WIND LOAD ———————— 28.5 PSF (GROUND MOUNTED)

EARTH LOAD ———————— PER SOILS PARAMETER TABLE

DESIGN DRILLED SHAFT FOUNDATIONS USING EITHER THE BROMS METHOD OR P–Y METHOD. IGNORE THE TOP 1–FOOT OF SUPPORTING SOIL IN THE DESIGN OF GROUND–MOUNTED BARRIER FOUNDATIONS.

THE NOISE BARRIER IS TO BE DESIGNED USING THE PROPOSED GROUND LINE AT R/L N–53–17 'NW17' AND THE ACOUSTICAL LINE AT R/L N–53–17 'NW17' AS SHOWN ON THE GENERAL PLAN SHEETS.

REINFORCING STEEL IN THE CONCRETE CORE OF NOISE BARRIER PANELS SHALL HAVE A MINIMUM CLEARANCE OF 1–INCH. THE CONCRETE CORE SHALL BE DESIGNED TO RESIST THE LOADS WITHOUT CONSIDERING ANY COMPOSITE ACTION FROM OTHER MATERIAL IN THE PANEL.

BOTTOM OF NOISE BARRIER PANELS SHALL BE DESIGNED TO SUPPORT THE DEAD LOAD (SELF WEIGHT) OF THE PANELS DIRECTLY ABOVE IT AND ITS OWN DEAD LOAD, IN ADDITION TO WIND LOADS. THIS DEAD LOAD SHALL BE DISTRIBUTED UNIFORMLY ASSUMING SIMPLE BEAM ACTION WITH SUPPORTS AT THE POSTS. BOTTOM PANELS SHALL HAVE A MINIMUM AMOUNT OF PERIMETER REINFORCEMENT OF A NO. 4 BAR WHICH SHALL BE CONTINUOUS AROUND THE CORNERS.

A COMPRESSIBLE BEARING PAD OF 1/4–INCH THICKNESS SHALL BE PROVIDED BETWEEN THE FOUNDATION AND THE BOTTOM PANELS. THE BEARING PADS SHALL BE PREFORMED EPDM RUBBER CONFORMING TO ASTM D–2000, GRADE 2, TYPE 'A', CLASS 'A' WITH A MINIMUM DUROMETER HARDNESS OF 80, OR HIGH DENSITY POLYETHYLENE PADS WITH A MINIMUM DENSITY OF 0.034 LB/IN CUBED IN ACCORDANCE WITH ASTM 1505.

PRECAST CONCRETE PEDESTALS PLACED BETWEEN THE FOUNDATION AND BOTTOM PANELS SHALL BE REINFORCED IF OVER 1'–0" HIGH.

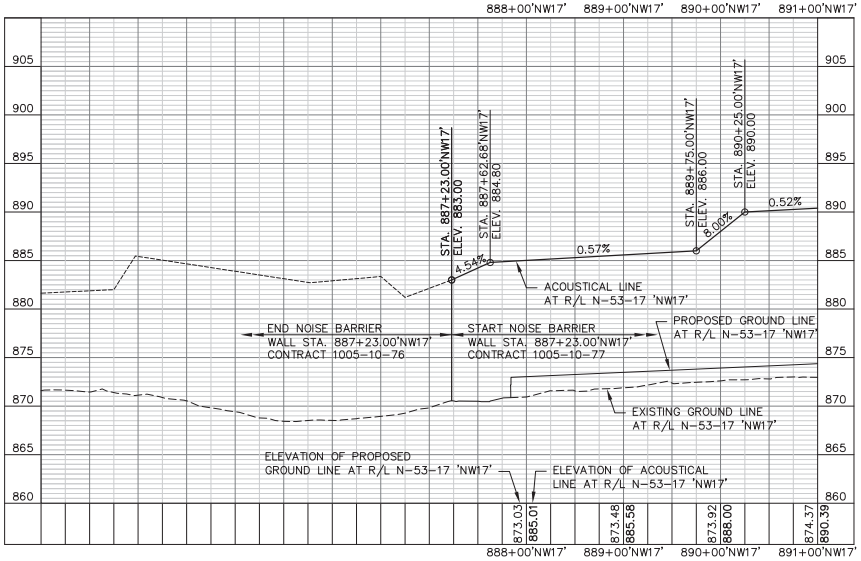
INCLUDE THE COST OF SURFACE TREATMENT, STAINING, REVEALS, COATING OF STEEL POSTS AND CONNECTIONS, BEARING PADS, PRECAST CONCRETE PEDESTALS, AND COLORING/STAINING OF THE PANELS UNDER THE BID ITEM "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–17".

A GEOTECHNICAL REPORT HAS BEEN PREPARED FOR THIS STRUCTURE AND IS AVAILABLE UPON REQUEST FROM THE IH–39/90 PROJECT FIELD OFFICE.

DESIGN NOISE WALL AND NOISE WALL WITH EARTH RETENTION TO PROVIDE FOR FINISHED GRADE SLOPES BEHIND THE WALL AS SHOWN ON THE CROSS SECTIONS OF ROADWAY PLANS.

DESIGN NOISE WALL WITH EARTH RETENTION FOR A LIVE LOAD SURCHARGE OF 240 PSF FROM WALL STA. 895+90.73'NW17' TO WALL STA. 908+21.64'NW17'.

COORDINATE CONSTRUCTION OF N–53–17 WITH THE CONSTRUCTION OF NOISE WALL N–53–18 AND IN PROJECT 1005–10–76 AND WITH THE CONSTRUCTION OF RETAINING WALL R–53–43 AND NOISE BARRIER N–53–21 IN PROJECT 1005–10–77.



ELEVATION

(WALL STA. 887+23.00'NW17' TO WALL STA. 908+21.64'NW17', LOOKING AT FRONT FACE)

GEOMETRY TABLE

WALL STATION	PROPOSED GROUND ELEVATION
887+23.00'NW17'	870.57
887+25.00'NW17'	870.53
887+50.00'NW17'	870.50
887+75.00'NW17'	870.81
888+00.00'NW17'	873.03
888+25.00'NW17'	873.14
888+50.00'NW17'	873.26
888+75.00'NW17'	873.37
889+00.00'NW17'	873.48
889+25.00'NW17'	873.59
889+50.00'NW17'	873.70
889+75.00'NW17'	873.81
890+00.00'NW17'	873.92
890+25.00'NW17'	874.04
890+50.00'NW17'	874.15
890+75.00'NW17'	874.26
891+00.00'NW17'	874.37

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
354H	862+07.70	DISK B–53–60, 36.1' RT.	866.10

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266–8489

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588–7866

NOTE:
UTILITIES SHOWN MAY NOT BE ALL–INCLUSIVE. CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED UTILITY LOCATIONS. CONTRACTOR SHALL COORDINATE PROPOSED WALL POST LOCATIONS WITH UTILITY LOCATIONS TO ENSURE THEY DO NOT INTERFERE WITH THE EXISTING OR PROPOSED UTILITY LOCATIONS.

LIST OF DRAWINGS

1. GENERAL PLAN (1 OF 3)
2. GENERAL PLAN (2 OF 3)
3. GENERAL PLAN (3 OF 3)
4. QUANTITIES & DETAILS
5. NOISE BARRIER DETAILS
6. ELEVATION & AESTHETIC DETAILS
7. SOIL PARAMETERS
8. SUBSURFACE EXPLORATION (1 OF 3)
9. SUBSURFACE EXPLORATION (2 OF 3)
10. SUBSURFACE EXPLORATION (3 OF 3)

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/1/2017

NO.	DATE	REVISION	BY

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588–7866
FAX (608) 588–7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher SDR 07/30/18
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE N–53–17

NOISE BARRIER ALONG IH–39/90 'SB'

COUNTY	TOWN/CITY/VILLAGE
ROCK	JANESVILLE

DESIGN SPEC. AASHTO LRFD BRIDGE SPECIFICATIONS

DESIGNED BY	JDO	DESIGN CK'D.	CDS	DRAWN BY	JDO	PLANS CK'D.	JJK

GENERAL PLAN (1 OF 3)

SHEET 1 OF 10

2634

8

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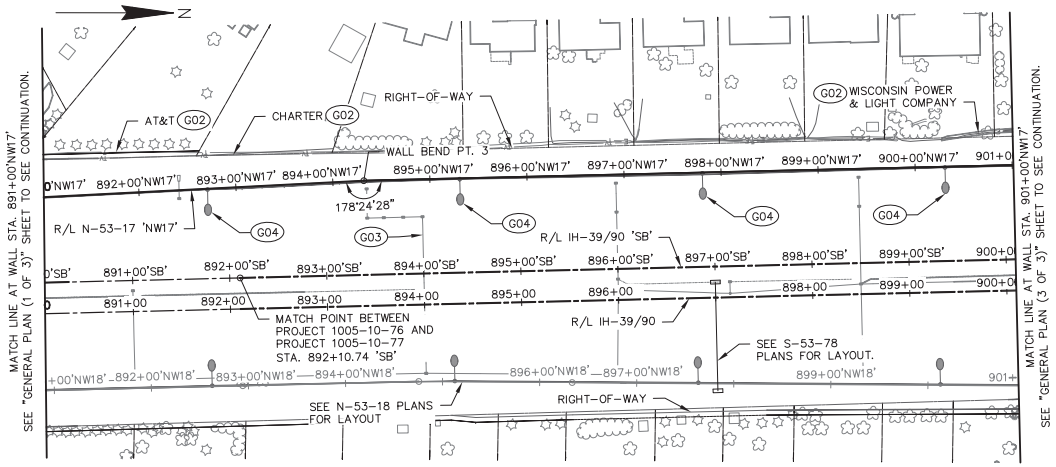
FILE: 01–03–N530017_tsh.dwg
PLOT SCALE:

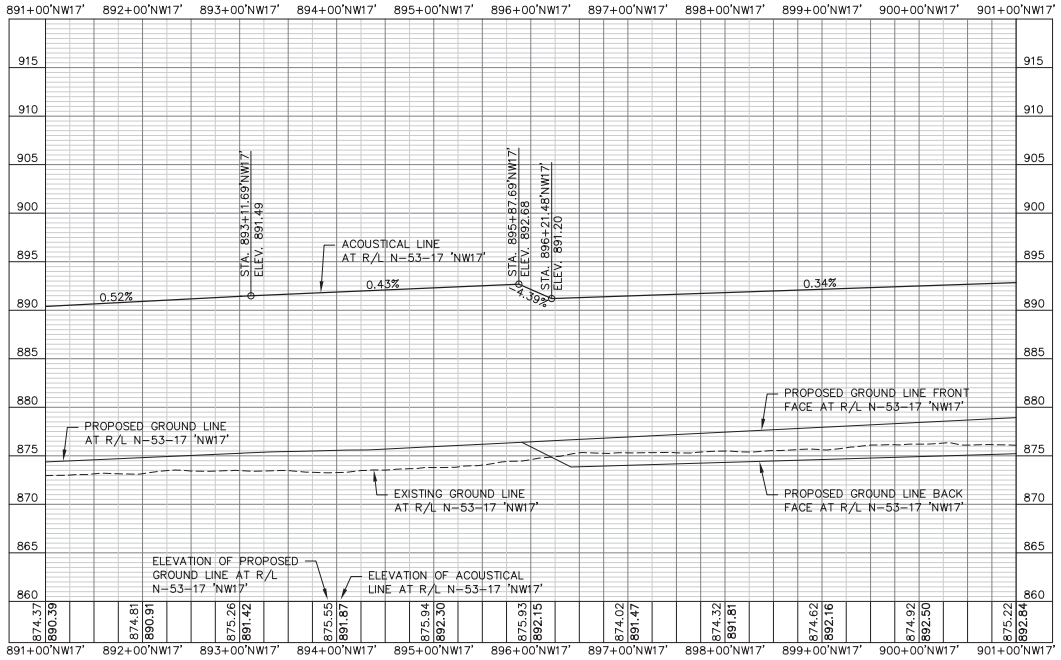
I.D. 1005–10–77 PLOT DATE: Nov 01, 2017

STATE PROJECT NUMBER
1005–10–77



PLAN

(NOISE BARRIER N–53–17)



ELEVATION

(WALL STA. 887+23.00'NW17' TO WALL STA. 908+21.64'NW17', LOOKING AT FRONT FACE)

GEOMETRY TABLE

WALL STATION	PROPOSED GROUND ELEVATION AT FRONT FACE	PROPOSED GROUND ELEVATION AT BACK FACE
891+00.00'NW17'	874.37	–
891+25.00'NW17'	874.48	–
891+50.00'NW17'	874.59	–
891+75.00'NW17'	874.70	–
892+00.00'NW17'	874.81	–
892+25.00'NW17'	874.92	–
892+50.00'NW17'	875.04	–
892+75.00'NW17'	875.15	–
893+00.00'NW17'	875.26	–
893+25.00'NW17'	875.37	–
893+50.00'NW17'	875.44	–
893+75.00'NW17'	875.50	–
894+00.00'NW17'	875.55	–
894+25.00'NW17'	875.59	–
894+50.00'NW17'	875.69	–
894+75.00'NW17'	875.82	–
895+00.00'NW17'	875.94	–
895+25.00'NW17'	876.07	–
895+50.00'NW17'	876.19	–
895+75.00'NW17'	876.32	–
895+90.73'NW17'	876.39	876.39
896+00.00'NW17'	876.44	875.93
896+25.00'NW17'	876.57	874.67
896+41.47'NW17'	876.65	873.85
896+50.00'NW17'	876.69	873.87
896+75.00'NW17'	876.82	873.95
897+00.00'NW17'	876.94	874.02
897+25.00'NW17'	877.06	874.10
897+50.00'NW17'	877.19	874.17
897+75.00'NW17'	877.31	874.25
898+00.00'NW17'	877.44	874.32
898+25.00'NW17'	877.56	874.39
898+50.00'NW17'	877.69	874.47
898+75.00'NW17'	877.81	874.54
899+00.00'NW17'	877.94	874.62
899+25.00'NW17'	878.06	874.69
899+50.00'NW17'	878.19	874.77
899+75.00'NW17'	878.31	874.84
900+00.00'NW17'	878.44	874.92
900+25.00'NW17'	878.56	874.99
900+50.00'NW17'	878.68	875.07
900+75.00'NW17'	878.81	875.14
901+00.00'NW17'	878.93	875.22

WALL BEND POINT

WALL BEND PT. 3
WALL STA. 894+31.96'NW17'
STA. 893+40.49'SB', 97.09' LT.
N: 278,561.57
E: 503,578.37

LEGEND

G02 EXISTING UTILITIES TO REMAIN. SPACE NOISE BARRIER POSTS TO AVOID ANY IMPACTS TO UTILITY LINES. CONTRACTOR SHALL POT HOLE UTILITIES TO CONFIRM LOCATIONS. COST INCLUDED WITH "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–17".

G03 SEE ROADWAY PLANS FOR NEW STORM SEWER LAYOUT.

G04 COORDINATE WITH ROADWAY CONTRACTOR FOR PLACEMENT OF LIGHTING BASES.

Addendum No. 1
ID 1005-10-77
Revised Sheet 2635
November 28, 2018

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N–53–17

DRAWN BY JDO | PLANS CK'D JJK

GENERAL PLAN (2 OF 3)

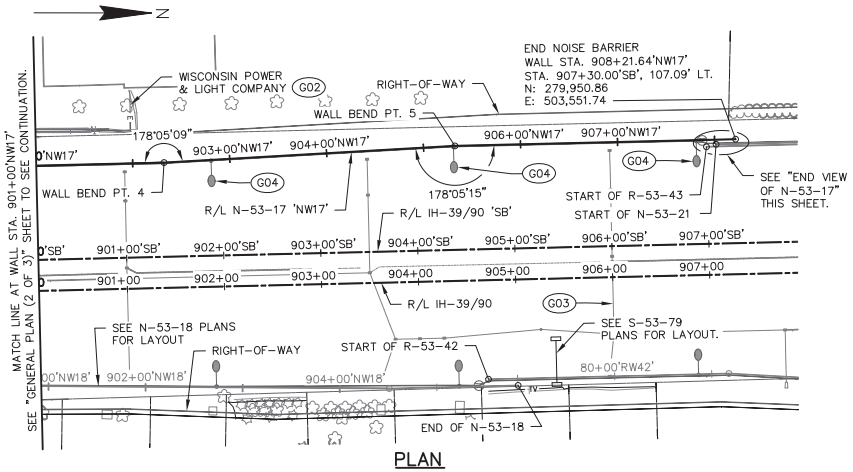
SHEET 2 OF 10

2635

FILE: 01–03–N530017_fsh.dwg
PLOT SCALE:

STATE PROJECT NUMBER

1005-10-77



PLAN

(NOISE BARRIER N-53-17)

WALL BEND POINTS

WALL BEND PT. 4
WALL STA. 902+32.02'NW17'
STA. 901+40.55'SB', 97.06' LT.
N: 279,361.57
E: 503,568.82

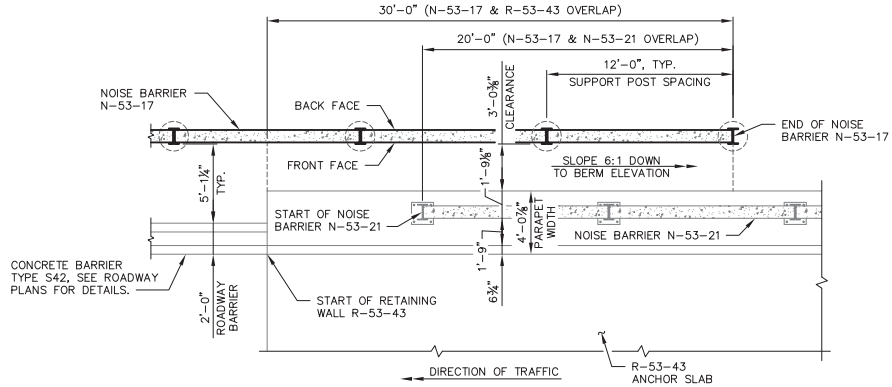
WALL BEND PT. 5
WALL STA. 905+32.35'NW17'
STA. 904+40.71'SB', 107.09' LT.
N: 279,661.59
E: 503,555.20

LEGEND

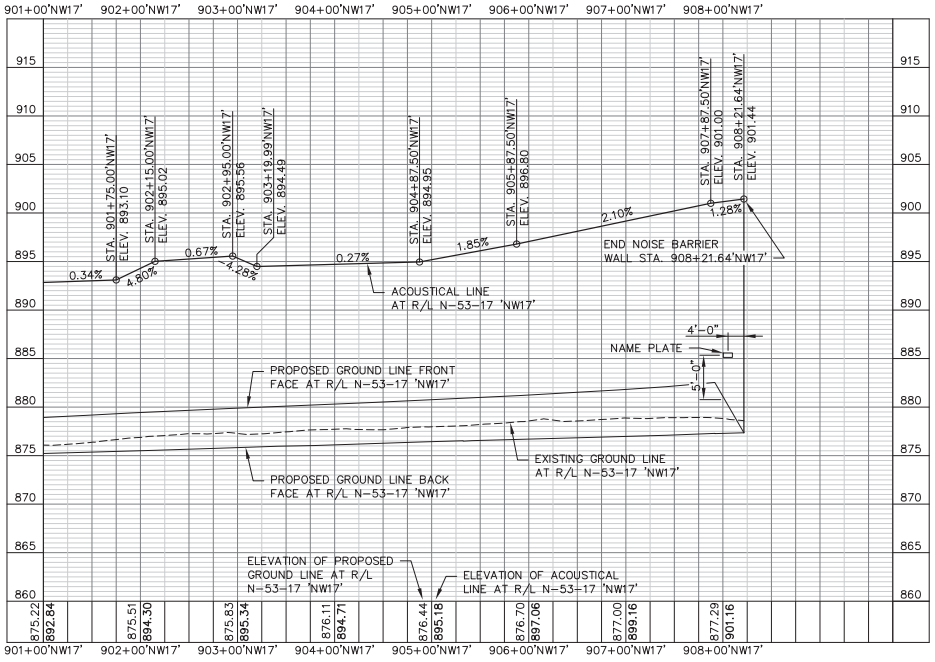
G02 EXISTING UTILITIES TO REMAIN. SPACE NOISE BARRIER POSTS TO AVOID ANY IMPACTS TO UTILITY LINES. CONTRACTOR SHALL POT HOLE UTILITIES TO CONFIRM LOCATIONS. COST INCLUDED WITH "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-17".

G03 SEE ROADWAY PLANS FOR NEW STORM SEWER LAYOUT.

G04 COORDINATE WITH ROADWAY CONTRACTOR FOR PLACEMENT OF LIGHTING BASES.



END VIEW OF N-53-17



ELEVATION

(WALL STA. 887+23.00'NW17' TO WALL STA. 908+21.64'NW17', LOOKING AT FRONT FACE)

GEOMETRY TABLE

WALL STATION	PROPOSED GROUND ELEVATION AT FRONT FACE	PROPOSED GROUND ELEVATION AT BACK FACE
901+00.00'NW17'	878.93	875.22
901+25.00'NW17'	879.06	875.29
901+50.00'NW17'	879.18	875.36
901+75.00'NW17'	879.31	875.44
902+00.00'NW17'	879.43	875.51
902+25.00'NW17'	879.56	875.57
902+50.00'NW17'	879.67	875.66
902+75.00'NW17'	879.78	875.74
903+00.00'NW17'	879.89	875.83
903+25.00'NW17'	879.99	875.91
903+50.00'NW17'	880.10	875.98
903+75.00'NW17'	880.21	876.04
904+00.00'NW17'	880.32	876.11
904+25.00'NW17'	880.42	876.19
904+50.00'NW17'	880.53	876.27
904+75.00'NW17'	880.64	876.36
905+00.00'NW17'	880.75	876.44
905+25.00'NW17'	880.86	876.51
905+50.00'NW17'	880.99	876.56
905+75.00'NW17'	881.13	876.63
906+00.00'NW17'	881.26	876.70

GEOMETRY TABLE (CONTINUE)

WALL STATION	PROPOSED GROUND ELEVATION AT FRONT FACE	PROPOSED GROUND ELEVATION AT BACK FACE
906+25.00'NW17'	881.39	876.77
906+50.00'NW17'	881.51	876.83
906+75.00'NW17'	881.65	876.91
907+00.00'NW17'	881.80	877.00
907+25.00'NW17'	881.98	877.06
907+50.00'NW17'	882.17	877.13
907+75.00'NW17'	882.39	877.23
907+91.64'NW17'	882.54	877.29
908+00.00'NW17'	881.09	877.29
908+21.64'NW17'	877.35	877.35

Addendum No. 1
ID 1005-10-77
Revised Sheet 2636
November 28, 2018

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-17

DRAWN BY JDO | PLANS CK'D JJK

GENERAL PLAN (3 OF 3)

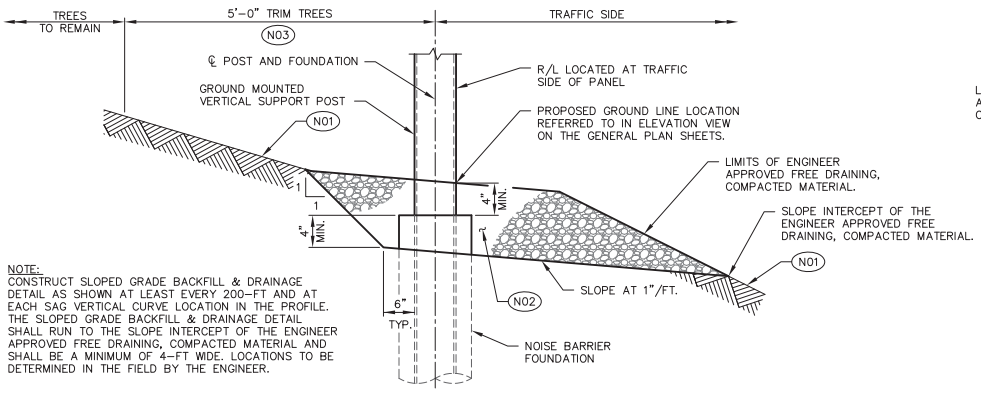
SHEET 3 OF 10

2636

FILE: 01-03-N530017_fsh.dwg
PLOT SCALE:

STATE PROJECT NUMBER
1005-10-77

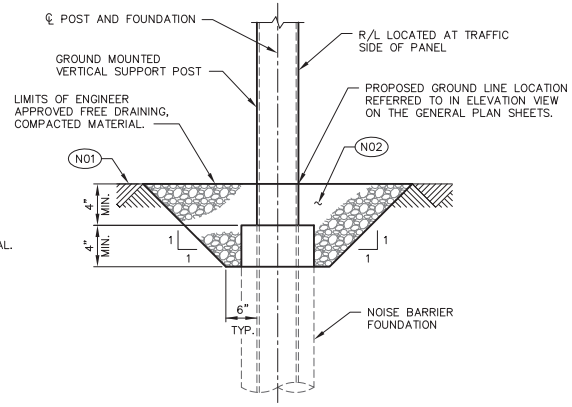
Addendum No. 1
ID 1005-10-77
Revised Sheet 2637
November 28, 2018



NOTE:
CONSTRUCT SLOPED GRADE BACKFILL & DRAINAGE DETAIL AS SHOWN AT LEAST EVERY 200-FT AND AT EACH SAG VERTICAL CURVE LOCATION IN THE PROFILE. THE SLOPED GRADE BACKFILL & DRAINAGE DETAIL SHALL RUN TO THE SLOPE INTERCEPT OF THE ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL AND SHALL BE A MINIMUM OF 4-FT WIDE. LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

N03 CLEARING/GRUBBING AND SLOPED GRADE BACKFILL & DRAINAGE DETAIL

(NOT TO SCALE)

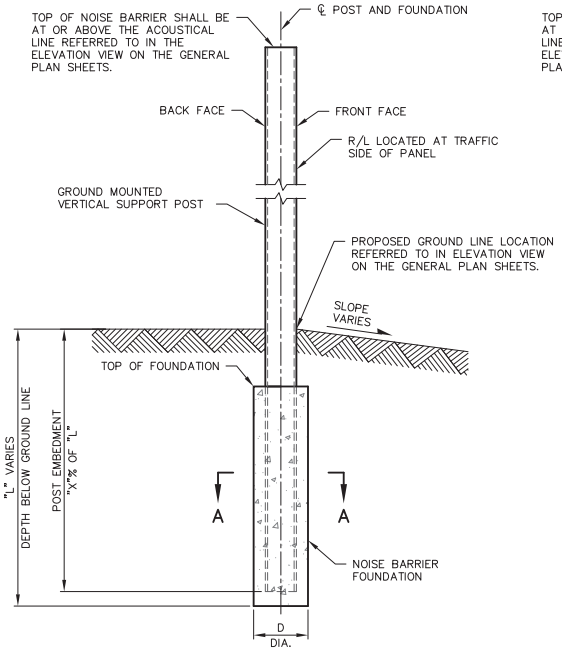


N03 LEVEL GRADE BACKFILL & DRAINAGE DETAIL

(NOT TO SCALE)

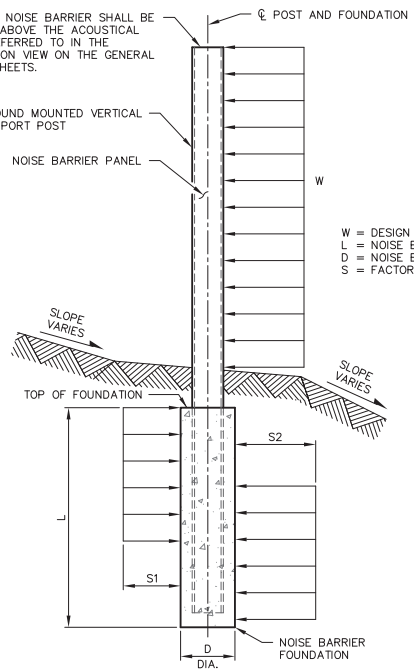
TOTAL ESTIMATED QUANTITIES

	ITEM NO.	BID ITEMS	UNIT	TOTALS
N04	531.0200.S.001	NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-17	SF	36,250



SECTION THRU GROUND MOUNTED VERTICAL SUPPORT POST & AUGER CAST PILE

(TYPICAL AT EACH POST LOCATION)
(D, "L", AND "X" TO BE DETERMINED BY SUPPLIER)
(NOT TO SCALE)



W = DESIGN WIND LOAD (SEE "GENERAL PLAN (1 OF 3)" SHEET)
L = NOISE BARRIER FOUNDATION DEPTH
D = NOISE BARRIER FOUNDATION DIAMETER
S = FACTORED SOIL PRESSURE

GROUND MOUNTED NOISE BARRIER LOADING

(NOT TO SCALE)

NOTES

DETAILS SHOWN ARE GENERAL GUIDELINES FOR A VARIETY OF APPLICATIONS THAT MAY NOT ALL BE UTILIZED FOR THE SUBJECT NOISE BARRIER. SPECIFIC DETAILS SHALL BE PROVIDED BY THE NOISE BARRIER FABRICATOR AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

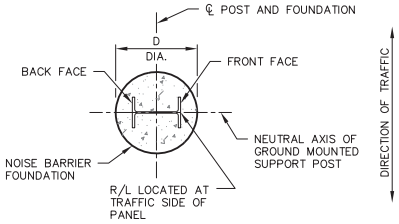
LEGEND

N01 SEE CROSS SECTIONS IN ROADWAY PLAN FOR SLOPES.

N02 ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL. AT A MINIMUM, MATERIAL AND COMPACTION SHALL MEET THE REQUIREMENTS OF SECTION 312 OF THE STANDARD SPECIFICATIONS. ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL SHALL BE INCLUDED IN THE BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-17".

N03 ALL ITEMS SHOWN ARE INCLUDED WITH THE BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-17".

N04 PAY LIMIT MEASURED FROM ACOUSTICAL LINE TO PROPOSED GROUND LINE AT FRONT FACE OF NOISE BARRIER. PROPOSED GROUND LINE IN THE ELEVATION VIEW ON THE GENERAL PLAN SHEETS ARE AT THE FRONT FACE OF NOISE BARRIER. NOISE BARRIER MAY BE LOCATED IN SLOPE SECTION AND EMBEDMENT SHALL BE AS SHOWN ON THIS SHEET.



SECTION A-A

(NOT TO SCALE)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-17

DRAWN BY JDO | PLANS CK'D JJK

QUANTITIES & DETAILS

SHEET 4 OF 10

2637

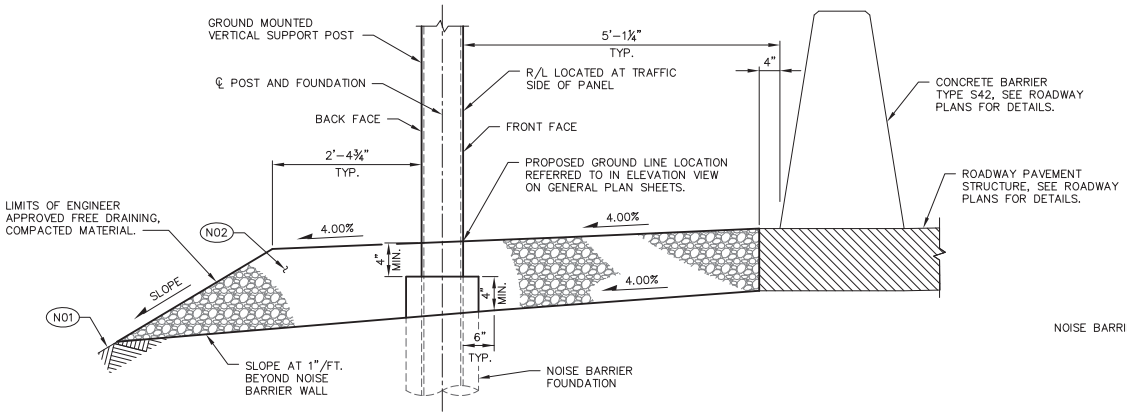
8

8

FILE: 04-07-N530017_det.dwg
PLOT SCALE:

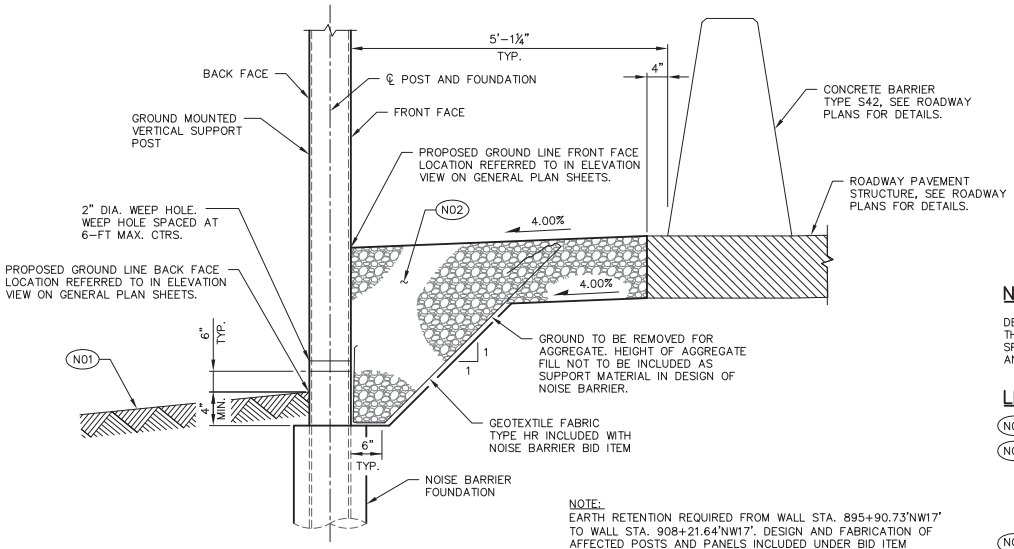
STATE PROJECT NUMBER

1005–10–77



N03 BACKFILL & DRAINAGE DETAIL ADJACENT TO ROADWAY BARRIER

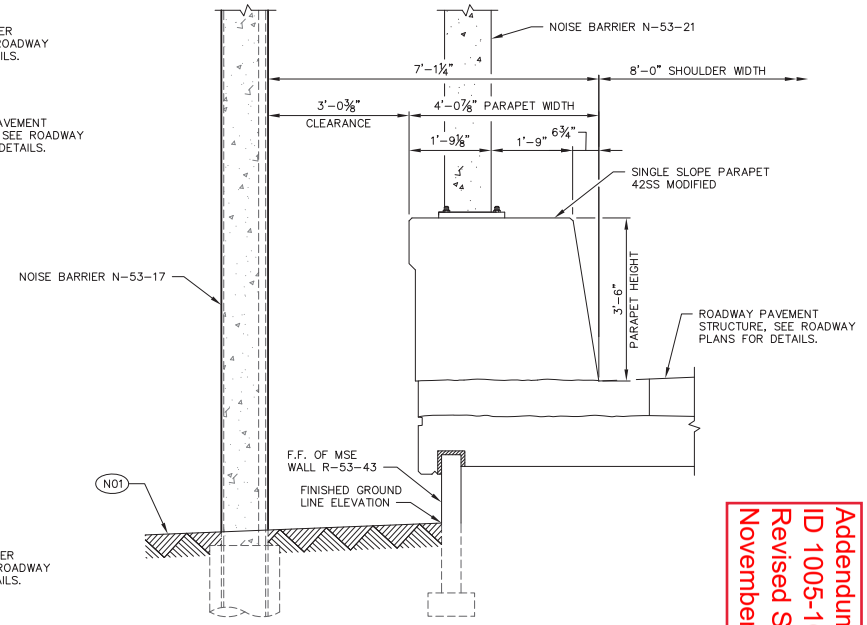
(NOT TO SCALE)



N03 NOISE BARRIER EARTH RETENTION CROSS SECTION

(NOT TO SCALE)

NOTE:
EARTH RETENTION REQUIRED FROM WALL STA. 895+90.73'NW17' TO WALL STA. 908+21.64'NW17'. DESIGN AND FABRICATION OF AFFECTED POSTS AND PANELS INCLUDED UNDER BID ITEM "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–17".



END OF NOISE BARRIER CROSS SECTION

(LOOKING NORTH)

Addendum No. 1
ID 1005-10-77
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NOTES

DETAILS SHOWN ARE GENERAL GUIDELINES FOR A VARIETY OF APPLICATIONS THAT MAY NOT ALL BE UTILIZED FOR THE SUBJECT NOISE BARRIER. SPECIFIC DETAILS SHALL BE PROVIDED BY THE NOISE BARRIER FABRICATOR AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

F.F. – FRONT FACE
B.F. – BACK FACE

LEGEND

N01 SEE CROSS SECTIONS IN ROADWAY PLAN FOR SLOPES.

N02 ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL. AT A MINIMUM, MATERIAL AND COMPACTION SHALL MEET THE REQUIREMENTS OF SECTION 312 OF THE STANDARD SPECIFICATIONS. ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL SHALL BE INCLUDED IN THE BID ITEM "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–17".

N03 ALL ITEMS SHOWN ARE INCLUDED WITH THE BID ITEM "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–17".

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N–53–17

DRAWN BY JDO | PLANS CK'D JJK

NOISE BARRIER DETAILS

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PLOT SCALE:

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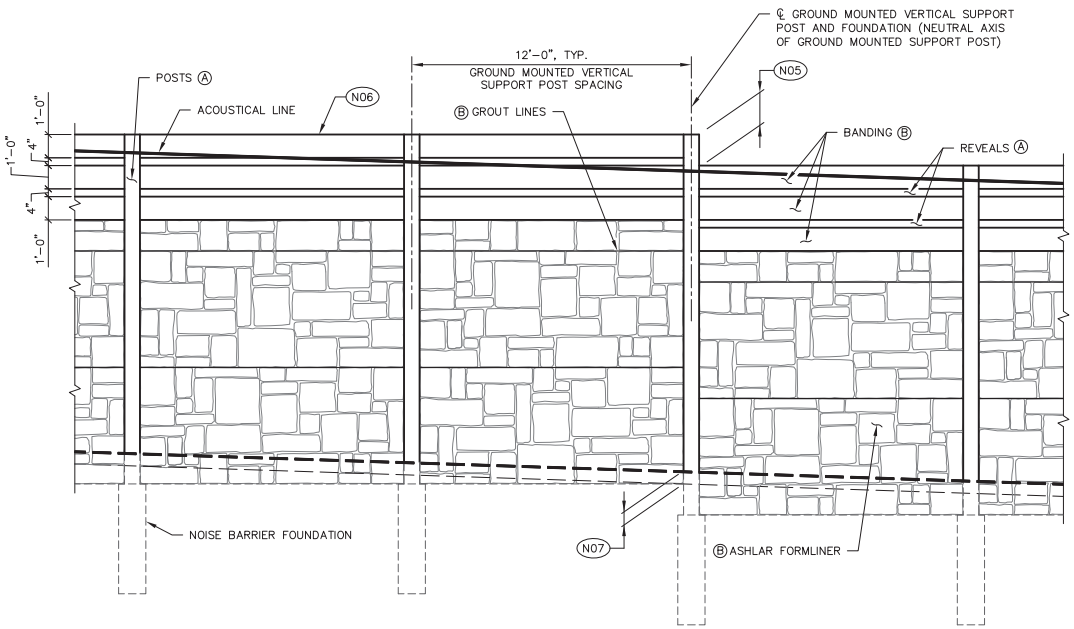
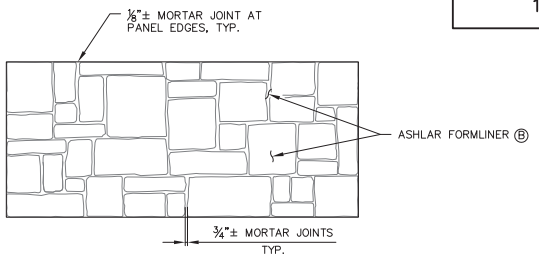


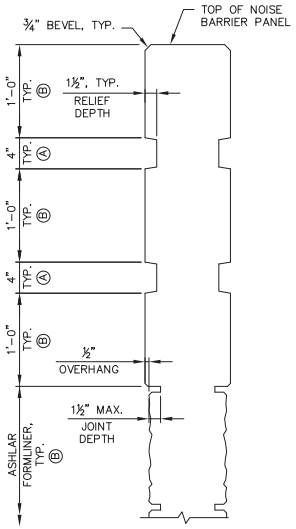
TYPICAL NOISE BARRIER ELEVATION

(STAIN AND FORMLINER TO BE PLACED ON BOTH SIDES OF NOISE BARRIER)



ASHLAR FORMLINER DETAIL

RECTANGULAR RANDOM ASHLAR STONE FORMLINER
SPLIT FACE FINISH ALL EXPOSED SURFACES, EDGES AND CORNERS
MAX. RELIEF 1½", 1¼" AVG. RELIEF
STONE HEIGHTS 4" MIN. TO 30" MAX.
STONE LENGTHS 4" MIN. TO 30" MAX.



SECTION THRU FORMLINER

LEGEND

AESTHETIC LAYOUT SHALL MATCH ON FRONT FACE AND BACK FACE ON ALL NOISE BARRIER PANELS.

N05 STEP PANELS A MINIMUM OF 1'–4" AND A MAXIMUM OF 2'–8", IN INCREMENTS OF 1'–4". WHEN MORE THAN ONE PANEL MUST BE STEPPED, KEEP THE STEP INCREMENT THE SAME FOR EACH OF THE STEPPING PANELS.

N06 ADJUST VERTICAL PLACEMENT OF PANELS TO MAXIMIZE HORIZONTAL RUNS, KEEPING THE TOP OF PANELS AT THE SAME ELEVATION. THE TOP OF THE BARRIER SHALL BE AT OR ABOVE THE ACOUSTICAL LINE.

N07 4" MIN. FOR LIMITS OF STAINING AND SURFACE TREATMENT.

CONCRETE STAINING COLORS

Ⓐ STAIN FEDERAL COLOR NO. 30140

Ⓑ STAIN FEDERAL COLOR NO. 30372 (INCLUDING JOINTS)

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N–53–17

DRAWN BY JDO | PLANS CK'D JJK

ELEVATION & AESTHETIC DETAILS

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SOIL PARAMETERS (1)

ELEVATION (FEET)		MATERIAL TYPE (2)	ESTIMATED SOIL PROPERTIES			LATERAL EARTH PRESSURE COEFFICIENTS			L–PILE PARAMETERS			DRILLED PIER AXIAL COMPRESSION PARAMETERS			
									COEFFICIENT OF HORIZ. SUBGRADE REACTION, PCI (3)	SOIL TYPE		SIDE FRICTION (5)		END BEARING (6)	
FROM	TO		DENSITY, PCF	ANGLE OF INTERNAL FRICTION, DEGREES	COHESION, PSF	ACTIVE, Ka	PASSIVE, Kp	AT–REST, Ko		CODE (7)	DESCRIPTION	ULTIMATE, KSF	FACTORED, KSF (4)	ULTIMATE, KSF	FACTORED, KSF (4)
TOPSOIL			115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
NEW ROADWAY EMBANKMENT FILL			120	28	0	0.4	2.8	0.5	90	5	SAND	0.39	0.2	12.0	6.0
BORING N–17–13															
871.90	870.40	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
870.40	868.90	LEAN CLAY	115	0	1750	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.96	0.4	15.8	6.3
868.90	846.90	SAND AND GRAVEL, TRACE SILT, WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	1.63	0.9	50.4	25.2
BORING N–17–14															
873.30	871.80	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
871.80	867.80	LEAN CLAY	115	0	1500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.83	0.4	13.5	5.4
867.80	843.30	SAND AND GRAVEL, TRACE SILT, WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.05	1.1	48.0	24.0
BORING N–17–15															
873.30	871.50	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
871.50	867.80	LEAN CLAY	115	0	3000	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.65	0.7	27.0	10.8
867.80	843.30	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.01	1.1	54.0	27.0
BORING N–17–16															
873.70	871.90	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
871.90	868.70	LEAN CLAY	115	0	1500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.83	0.4	13.5	5.4
868.70	843.70	SAND AND GRAVEL, TRACE SILT, WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	1.97	1.1	60.0	30.0
BORING N–17–17															
875.30	873.30	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
873.30	870.30	LEAN CLAY	115	0	2000	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.10	0.5	18.0	7.2
870.30	840.30	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.17	1.2	60.0	30.0
BORING N–17–18															
875.30	873.70	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
873.70	869.80	LEAN CLAY	115	0	2000	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.10	0.5	18.0	7.2
869.80	840.30	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	130	36	0	0.3	3.9	0.4	90	5	SAND	2.32	1.3	43.2	21.6
BORING N–17–19															
876.00	874.20	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
874.20	870.50	LEAN CLAY	115	0	2500	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.38	0.6	22.5	9.0
870.50	841.00	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	130	36	0	0.3	3.9	0.4	90	5	SAND	2.30	1.3	51.6	25.8
BORING N–17–20															
877.20	875.70	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
875.70	871.70	LEAN CLAY	115	0	1500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.83	0.4	4.5	1.8
871.70	837.20	SAND & GRAVEL, TRACE SILT, WITH COBBLES & BOULDERS	130	36	0	0.3	3.9	0.4	90	5	SAND	2.54	1.4	62.4	31.2
BORING N–17–21															
877.90	875.90	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
875.90	870.90	LEAN CLAY	115	0	2000	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.10	0.5	18.0	7.2
870.90	837.90	SAND & GRAVEL, TRACE SILT, WITH COBBLES & BOULDERS	130	36	0	0.3	3.9	0.4	90	5	SAND	2.59	1.4	52.8	26.4
BORING R–43–1															
878.50	876.70	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
876.70	873.00	LEAN CLAY	115	0	2000	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.10	0.5	18.0	7.2
873.00	838.50	SAND & GRAVEL, TRACE SILT, WITH COBBLES & BOULDERS	130	36	0	0.3	3.9	0.4	90	5	SAND	2.51	1.4	66.0	33.0

(1) UNLESS NOTED AS "FACTORED", THE VALUES DO NOT INCLUDE A FACTOR OF SAFETY (i.e. RESISTANCE FACTOR = 1.0).
(2) MATERIAL TYPE IS GENERALIZED: REFER TO BORING LOGS FOR DETAILS.
(3) COEFFICIENT OF HORIZONTAL SUBGRADE REACTION FOR CLAYS IS FOR CYCLICAL LOADING (e.g. WIND LOADS).
(4) DRILLED PIER RESISTANCE FACTORS FOR AXIAL COMPRESSION ARE AS FOLLOWS:
SIDE FRICTION IN CLAY 0.45
END BEARING IN CLAY 0.4
SIDE FRICTION IN SAND 0.55
END BEARING IN SAND 0.5
REFERENCE: TABLE 10.5.5.2.4–1, AASHTO LRFD BRIDGE MANUAL
(5) NEGLECT SIDE FRICTION IN CLAY IN UPPER 5 FT AND IN BOTTOM PIER DIAMETER.
(6) END BEARING IN FILL WITH CLAY LAYERS PRESENT IS CONTROLLED BY CLAY SOIL PARAMETERS.
(7) CODES TAKEN FROM COMPUTER SOFTWARE PROGRAM LPILE 2013 USER'S MANUAL.
(8) N.R. = NOT RECOMMENDED

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N–53–17

DRAWN BY JDO | PLANS CK'D JJK

SOIL PARAMETERS

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FILE: 04-07-N530017_det.dwg
PLOT SCALE:

I.D. 1005–10–77 PLOT DATE: Nov 01, 2017

Addendum No. 1
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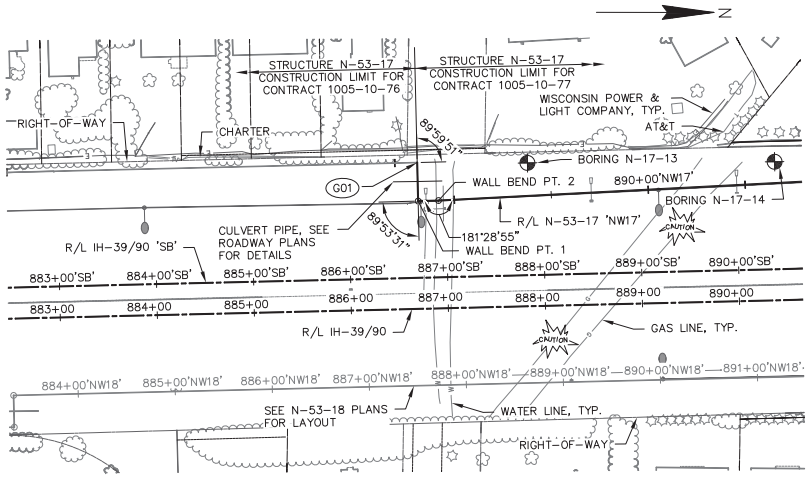
Revised Sheet 2641
November 28, 2018



PLAN
(NOISE BARRIER N-53-17)

IH-39/90 CENTRAL SEGMENT

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
N-17-13	7/21/2014	278004.5	503566.4
N-17-14	7/21/2014	278259.9	503568.3
BORINGS COMPLETED BY: (SES) SOILS ENGINEERING SERVICE			
SUBSURFACE INVESTIGATION REPORT: CGC, INC.			
ALL COORDINATES REFERENCED TO WCCS NAD 83(07) ROCK COUNTY			

WALL BEND POINTS

WALL BEND PT. 1
WALL STA. 887+62.68'NW17'
STA. 886+71.47'SB', 79.05' LT.
N: 277,892.80
E: 503,604.41

WALL BEND PT. 2
WALL STA. 887+83.73'NW17'
STA. 886+92.51'SB', 79.09' LT.
N: 277,913.85
E: 503,604.12

LEGEND

G01 BEGIN CONSTRUCTION FOR 1005-10-77 WALL
STA. 887+23.00'NW17'
STA. 886+71.47'SB', 118.73' LT.
N: 277,892.33
E: 503,564.73
MATCH POINT FOR PROJECT 1005-10-76

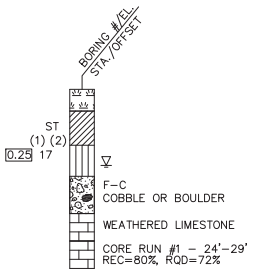
STATE PROJECT NUMBER

1005-10-77

MATERIAL SYMBOLS

ASPHALT, TOPSOIL, PEAT, CONCRETE, FILL, GRAVEL, SAND, CLAY, SILT, BOULDERS OR COBBLES, LIMESTONE, BEDROCK (UNKNOWN), SHALE, SANDSTONE, IGNEOUS/META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

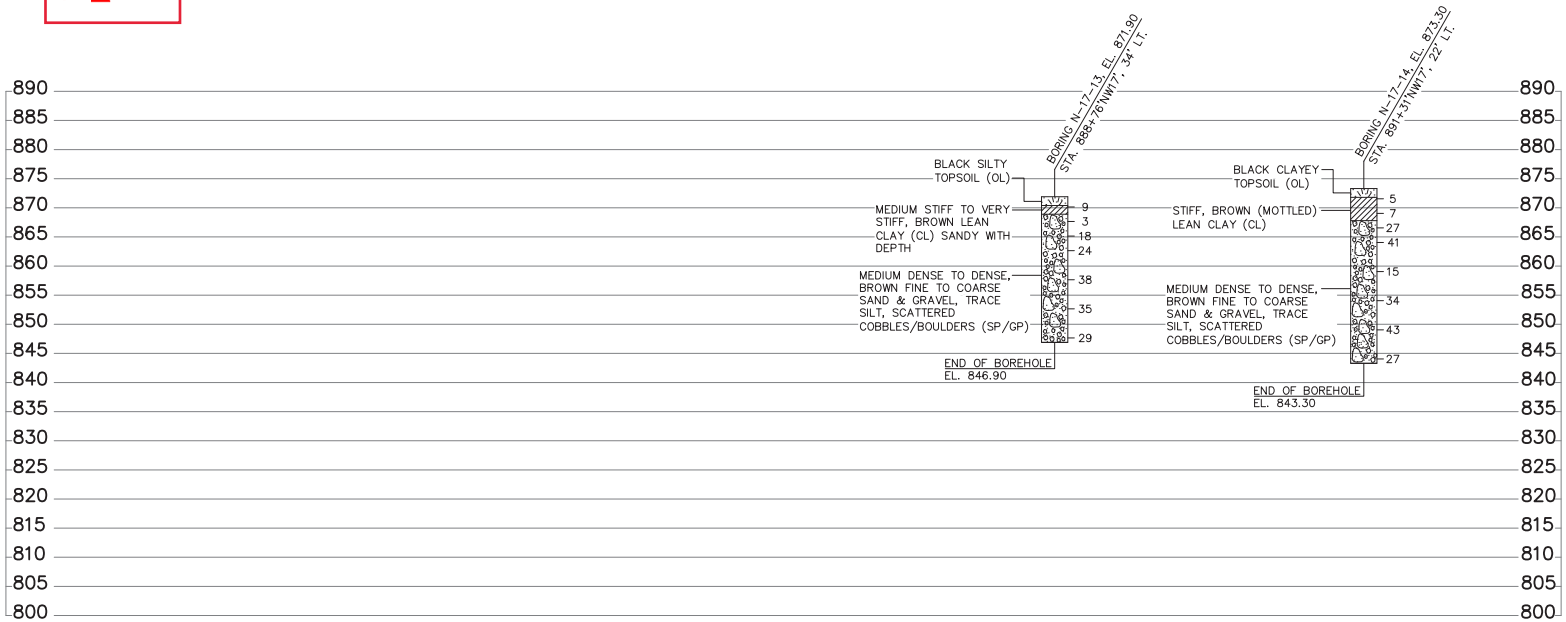
AT TIME OF DRILLING
END OF DRILLING
AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.



NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-17

DRAWN BY JDO | PLANS CK'D JJK

SUBSURFACE EXPLORATION (1 OF 3)

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FILE: 08-10-N530017_bor.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 01, 2017

IH-39/90 CENTRAL SEGMENT

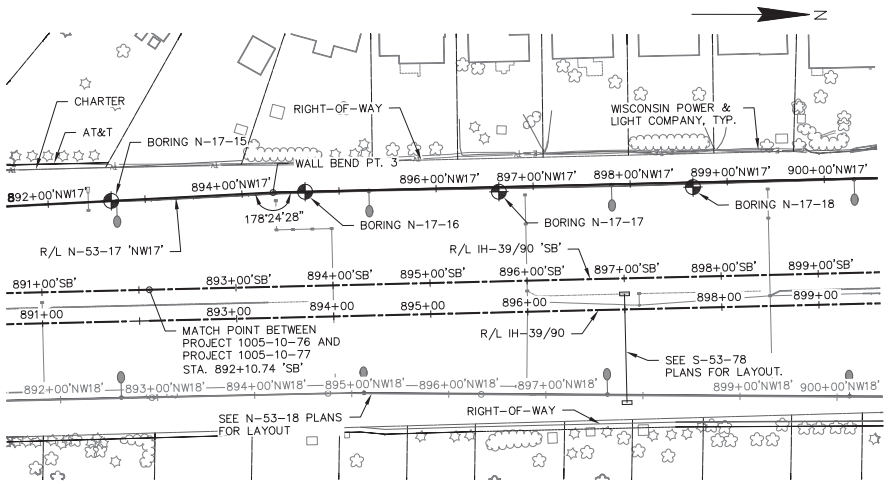
BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
N-17-15	7/21/2014	278390.5	593585.0
N-17-16	7/18/2014	278594.7	503577.9
N-17-17	7/18/2014	278794.8	503575.5
N-17-18	7/18/2014	278994.8	503573.2
BORINGS COMPLETED BY: (SES) SOILS ENGINEERING SERVICE			
SUBSURFACE INVESTIGATION REPORT: CGC, INC.			
ALL COORDINATES REFERENCED TO WCCS NAD 83(07) ROCK COUNTY			

STATE PROJECT NUMBER

1005-10-77

MATERIAL SYMBOLS

ASPHALT, TOPSOIL, PEAT, CONCRETE, FILL, GRAVEL, SAND, CLAY, SILT, BOULDERS OR COBBLES, LIMESTONE, BEDROCK (UNKNOWN), SHALE, SANDSTONE, IGNEOUS/META



PLAN
(NOISE BARRIER N-53-17)

WALL BEND POINT

WALL BEND PT. 3
WALL STA. 894+31.96'NW17'
STA. 893+40.49'SB', 97.09' LT.
N: 278,561.57
E: 503,578.37

Addendum No. 1
ID 1005-10-77
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LEGEND OF BORING

BORING #/EL. STA./OFFSET
ST
(1) (2)
0.25 17
F-C COBBLE OR BOULDER
WEATHERED LIMESTONE
CORE RUN #1 – 24'-29' REC=80%, RQD=72%

(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

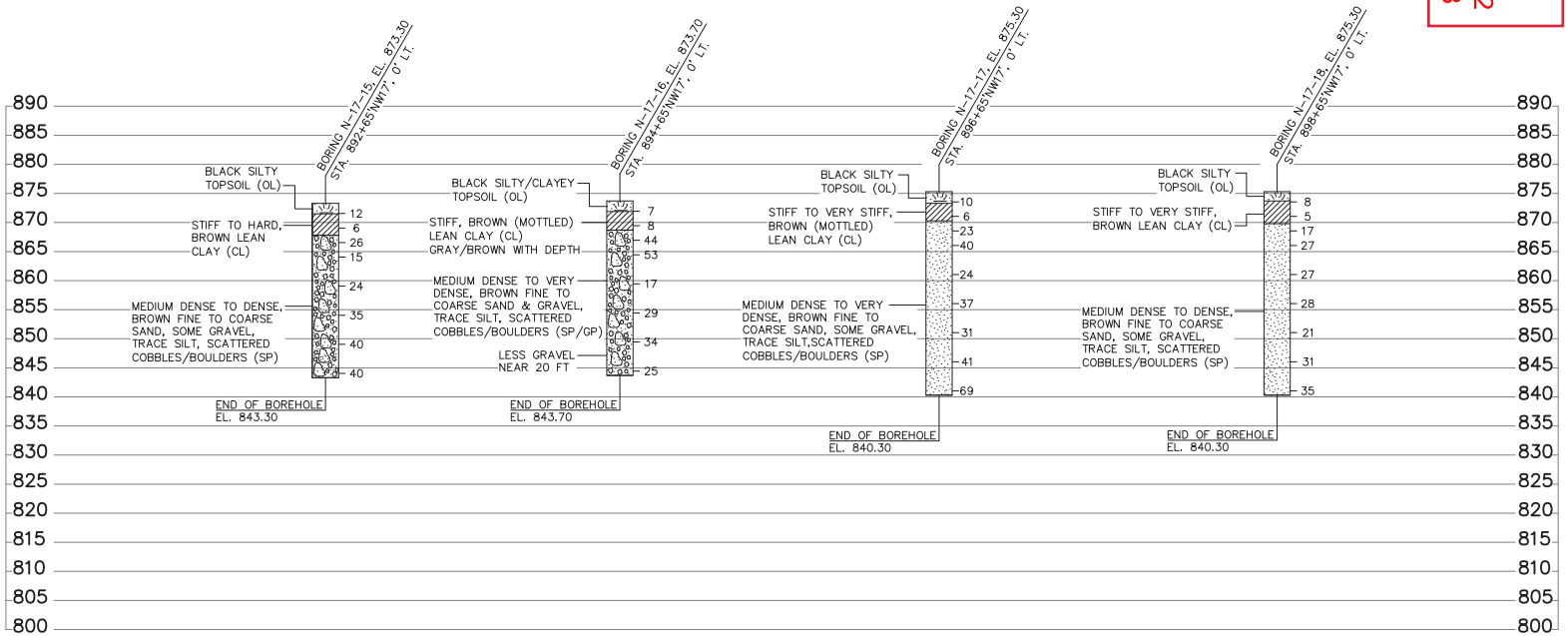
(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

AT TIME OF DRILLING
END OF DRILLING
AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE



SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-17

DRAWN BY JDO | PLANS CK'D JJK

SUBSURFACE EXPLORATION (2 OF 3)

SHEET 9 OF 10

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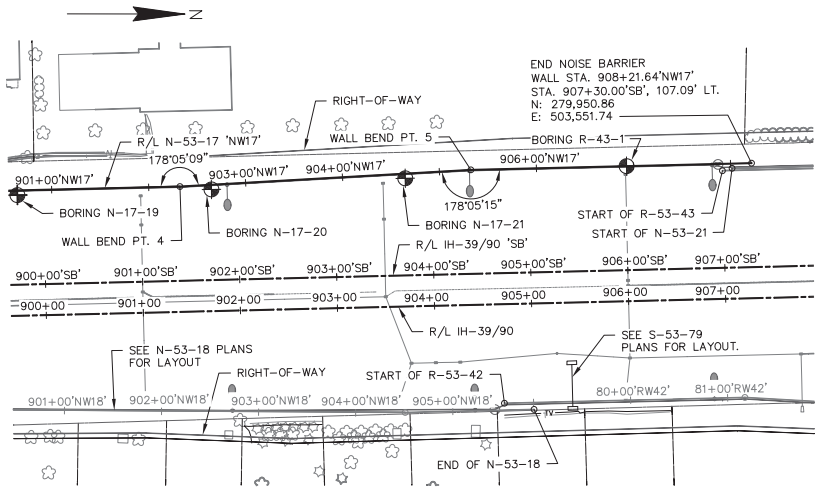
FILE: 08-10-N530017_bor.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 01, 2017

Addendum No. 1
ID 1005-10-77
Revised Sheet 2643
November 28, 2018



PLAN

(NOISE BARRIER N-53-17)

IH-39/90 CENTRAL SEGMENT

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
N-17-19	7/18/2014	279194.8	503570.8
N-17-20	7/17/2014	279394.8	503567.3
N-17-21	6/30/2014	279594.5	503558.3
R-43-1	6/30/2014	279794.4	503551.6

BORINGS COMPLETED BY: (SES) SOILS ENGINEERING SERVICE

SUBSURFACE INVESTIGATION REPORT: CGC, INC.

ALL COORDINATES REFERENCED TO WCCS NAD 83(07) ROCK COUNTY

WALL BEND POINTS

WALL BEND PT. 4
WALL STA. 902+32.02'NW17'
STA. 901+40.55'SB', 97.06' LT.
N: 279,361.57
E: 503,568.82

WALL BEND PT. 5
WALL STA. 905+32.35'NW17'
STA. 904+40.71'SB', 107.09' LT.
N: 279,661.59
E: 503,555.20

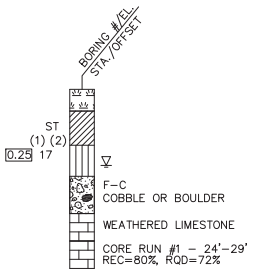
STATE PROJECT NUMBER

1005-10-77

MATERIAL SYMBOLS

ASPHALT, TOPSOIL, PEAT, CONCRETE, FILL, GRAVEL, SAND, CLAY, SILT, BOULDERS OR COBBLES, LIMESTONE, BEDROCK (UNKNOWN), SHALE, SANDSTONE, IGNEOUS/META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

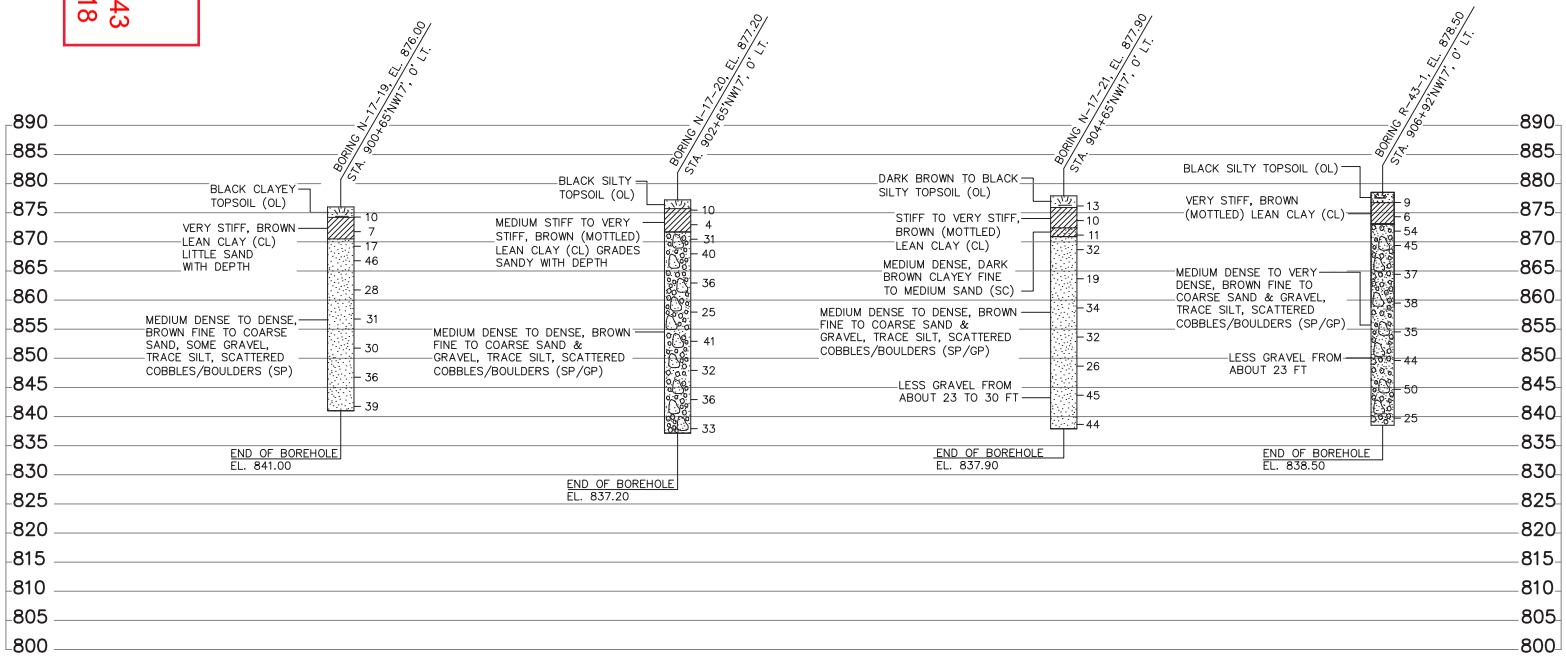
AT TIME OF DRILLING
END OF DRILLING
AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.



NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-17

DRAWN BY JDO | PLANS CK'D JJK

SUBSURFACE EXPLORATION (3 OF 3)

SHEET 10 OF 10

2643

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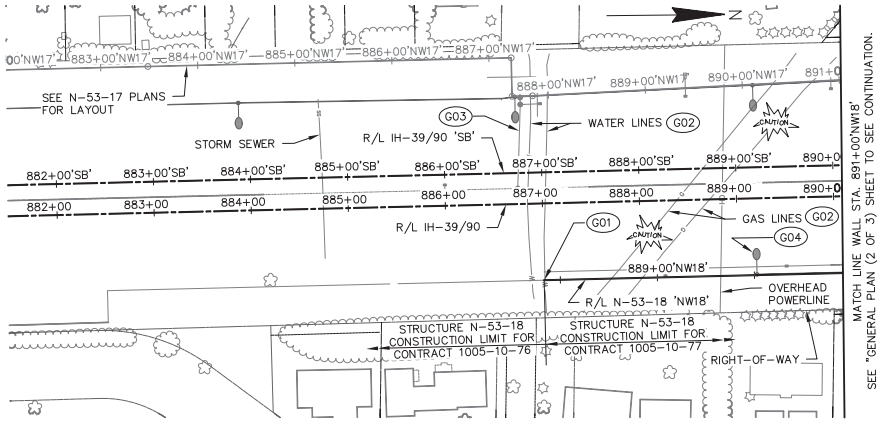
FILE: 08-10-N530017_bor.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 01, 2017

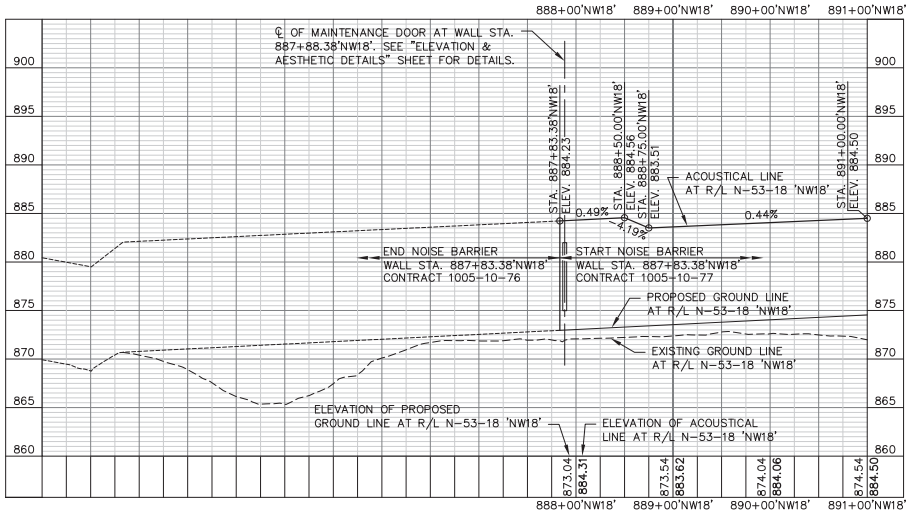
STATE PROJECT NUMBER

1005-10-77



PLAN

(NOISE BARRIER N-53-18)



ELEVATION

(WALL STA. 887+83.38'NW18' TO WALL STA. 905+83.82'NW18', LOOKING AT FRONT FACE)

LEGEND

G01 BEGIN CONSTRUCTION FOR 1005-10-77
WALL STA. 887+83.38'NW18'
STA. 887+00.00, 79.10' RT.
N: 277,923.62
E: 503,794.20
MATCH POINT FOR PROJECT 1005-10-76

G02 EXISTING UTILITIES TO REMAIN. SPACE NOISE BARRIER POSTS TO AVOID ANY IMPACTS TO UTILITY LINES. CONTRACTOR SHALL POT HOLE UTILITIES TO CONFIRM LOCATIONS. COST INCLUDED WITH "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18".

G03 SEE ROADWAY PLANS FOR NEW STORM SEWER LAYOUT.

G04 COORDINATE WITH ROADWAY CONTRACTOR FOR PLACEMENT OF LIGHTING BASES AND CONDUIT.

GEOMETRY TABLE

WALL STATION	PROPOSED GROUND ELEVATION
887+83.38'NW18'	872.96
888+00.00'NW18'	873.04
888+25.00'NW18'	873.17
888+50.00'NW18'	873.29
888+75.00'NW18'	873.42
889+00.00'NW18'	873.54
889+25.00'NW18'	873.67
889+50.00'NW18'	873.79
889+75.00'NW18'	873.92
890+00.00'NW18'	874.04
890+25.00'NW18'	874.17
890+50.00'NW18'	874.30
890+75.00'NW18'	874.42
891+00.00'NW18'	874.54

Addendum No. 1
ID 1005-10-77
Revised Sheet 2644
November 28, 2018

GENERAL NOTES

CONSTRUCTION OF NOISE BARRIER N-53-18 TO BE COORDINATED WITH PROJECT 1005-10-76 CONSTRUCTION OPERATIONS BETWEEN WALL STA. 863+03.63'NW18' AND WALL STA. 887+83.38'NW18'.

DRAWINGS SHALL NOT BE SCALED.

ALL STATIONS, ELEVATIONS, AND OFFSETS ARE IN UNITS OF FEET UNLESS OTHERWISE SHOWN OR NOTED.

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE NOISE BARRIER IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE NOISE BARRIER MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18".

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

THE STRUCTURAL AND FOUNDATION DESIGN OF THE NOISE BARRIER SYSTEM SHALL BE IN ACCORDANCE TO THE CURRENT EDITION OF "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS", EXCEPT THAT THE NOISE BARRIER SHALL BE DESIGNED TO WITHSTAND THE WIND PRESSURE SHOWN BELOW, APPLIED PERPENDICULAR TO THE BARRIER, IN EACH DIRECTION.

THE FOLLOWING DESIGN PRESSURES SHALL BE USED IN ACCORDANCE WITH THE SPECIAL PROVISIONS:

WIND LOAD ———— 28.5 PSF (GROUND MOUNTED)

EARTH LOAD ———— PER SOILS PARAMETER TABLE

DESIGN DRILLED SHAFT FOUNDATIONS USING EITHER THE BROMS METHOD OR P-Y METHOD. IGNORE THE TOP 1-FOOT OF SUPPORTING SOIL IN THE DESIGN OF GROUND-MOUNTED BARRIER FOUNDATIONS.

THE NOISE BARRIER IS TO BE DESIGNED USING THE PROPOSED GROUND LINE AT R/L N-53-18 'NW18' AND THE ACOUSTICAL LINE AT R/L N-53-18 'NW18' AS SHOWN ON THE GENERAL PLAN SHEETS.

REINFORCING STEEL IN THE CONCRETE CORE OF NOISE BARRIER PANELS SHALL HAVE A MINIMUM CLEARANCE OF 1-INCH. THE CONCRETE CORE SHALL BE DESIGNED TO RESIST THE LOADS WITHOUT CONSIDERING ANY COMPOSITE ACTION FROM OTHER MATERIAL IN THE PANEL.

BOTTOM OF NOISE BARRIER PANELS SHALL BE DESIGNED TO SUPPORT THE DEAD LOAD (SELF WEIGHT) OF THE PANELS DIRECTLY ABOVE IT AND ITS OWN DEAD LOAD, IN ADDITION TO WIND LOADS. THIS DEAD LOAD SHALL BE DISTRIBUTED UNIFORMLY ASSUMING SIMPLE BEAM ACTION WITH SUPPORTS AT THE POSTS. BOTTOM PANELS SHALL HAVE A MINIMUM AMOUNT OF PERIMETER REINFORCEMENT OF A NO. 4 BAR WHICH SHALL BE CONTINUOUS AROUND THE CORNERS.

A COMPRESSIBLE BEARING PAD OF 1/4-INCH THICKNESS SHALL BE PROVIDED BETWEEN THE FOUNDATION AND THE BOTTOM PANELS. THE BEARING PADS SHALL BE PREFORMED EPDM RUBBER CONFORMING TO ASTM D-2000, GRADE 2, TYPE 'A', CLASS 'A' WITH A MINIMUM DUROMETER HARDNESS OF 80, OR HIGH DENSITY POLYETHYLENE PADS WITH A MINIMUM DENSITY OF 0.034 LB/IN CUBED IN ACCORDANCE WITH ASTM 1505.

PRECAST CONCRETE PEDESTALS PLACED BETWEEN THE FOUNDATION AND BOTTOM PANELS SHALL BE REINFORCED IF OVER 1'-0" HIGH.

INCLUDE THE COST OF SURFACE TREATMENT, STAINING, REVEALS, COATING OF STEEL POSTS AND CONNECTIONS, BEARING PADS, PRECAST CONCRETE PEDESTALS, AND COLORING/STAINING OF THE PANELS UNDER THE BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18".

A GEOTECHNICAL REPORT HAS BEEN PREPARED FOR THIS STRUCTURE AND IS AVAILABLE UPON REQUEST FROM THE IH-39/90 PROJECT FIELD OFFICE.

DESIGN NOISE WALL AND NOISE WALL WITH EARTH RETENTION TO PROVIDE FOR FINISHED GRADE SLOPES BEHIND THE WALL AS SHOWN ON THE CROSS SECTIONS OF ROADWAY PLANS.

DESIGN NOISE WALL WITH EARTH RETENTION FOR A LIVE LOAD SURCHARGE OF 240 PSF FROM WALL STA. 896+82.70'NW18' TO WALL STA. 905+83.82'NW18'.

COORDINATE CONSTRUCTION OF N-53-18 WITH THE CONSTRUCTION OF NOISE WALL N-53-18 IN PROJECT 1005-10-76 AND WITH THE CONSTRUCTION OF SIGN BRIDGES S-53-78 & S-53-79 AND RETAINING WALL R-53-42 IN PROJECT 1005-10-77.

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEVATION
354H	862+07.70	DISK B-53-60, 36.1' RT.	866.10

HORIZONTAL DATUM AND ADJUSTMENT: NAD 83 (2007)
VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)
COORDINATE REFERENCE SYSTEM: WCCS ROCK CO

BRIDGE OFFICE CONTACT
WILLIAM DREHER, P.E.
(608) 266-8489

CONSULTANT CONTACT
JEFFREY J. KOCH, P.E.
(608) 588-7866

NOTE:
UTILITIES SHOWN MAY NOT BE ALL-INCLUSIVE. CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED UTILITY LOCATIONS. CONTRACTOR SHALL COORDINATE PROPOSED WALL POST LOCATIONS WITH UTILITY LOCATIONS TO ENSURE THEY DO NOT INTERFERE WITH THE EXISTING OR PROPOSED UTILITY LOCATIONS.

LIST OF DRAWINGS

1. GENERAL PLAN (1 OF 3)
2. GENERAL PLAN (2 OF 3)
3. GENERAL PLAN (3 OF 3)
4. QUANTITIES & DETAILS
5. NOISE BARRIER DETAILS
6. ELEVATION & AESTHETIC DETAILS
7. SOIL PARAMETERS
8. SUBSURFACE EXPLORATION (1 OF 3)
9. SUBSURFACE EXPLORATION (2 OF 3)
10. SUBSURFACE EXPLORATION (3 OF 3)

WISCONSIN
JEFFREY J. KOCH
E-28802
PLAIN, WISCONSIN
PROFESSIONAL ENGINEER

11/1/2017

NO.	DATE	REVISION	BY

WESTBROOK Associated Engineers, Inc.
619 EAST HOXIE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED William C. Dreher SDR 07/30/18
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE N-53-18

NOISE BARRIER ALONG IH-39/90

COUNTY ROCK | ~~TOWN~~/CITY/~~VILLAGE~~ JANESVILLE

DESIGN SPEC. AASHTO LRFD BRIDGE SPECIFICATIONS

DESIGNED BY JDO | DESIGN CK'D. CDS | DRAWN BY JDO | PLANS CK'D. JJK

GENERAL PLAN (1 OF 3)

SHEET 1 OF 10

2644

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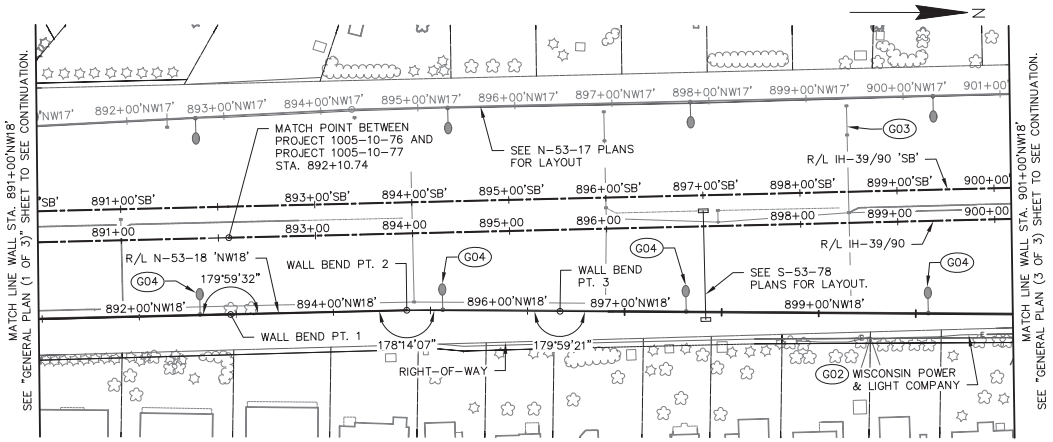
FILE: 01-03-N530018_tsh.dwg
PLOT SCALE:

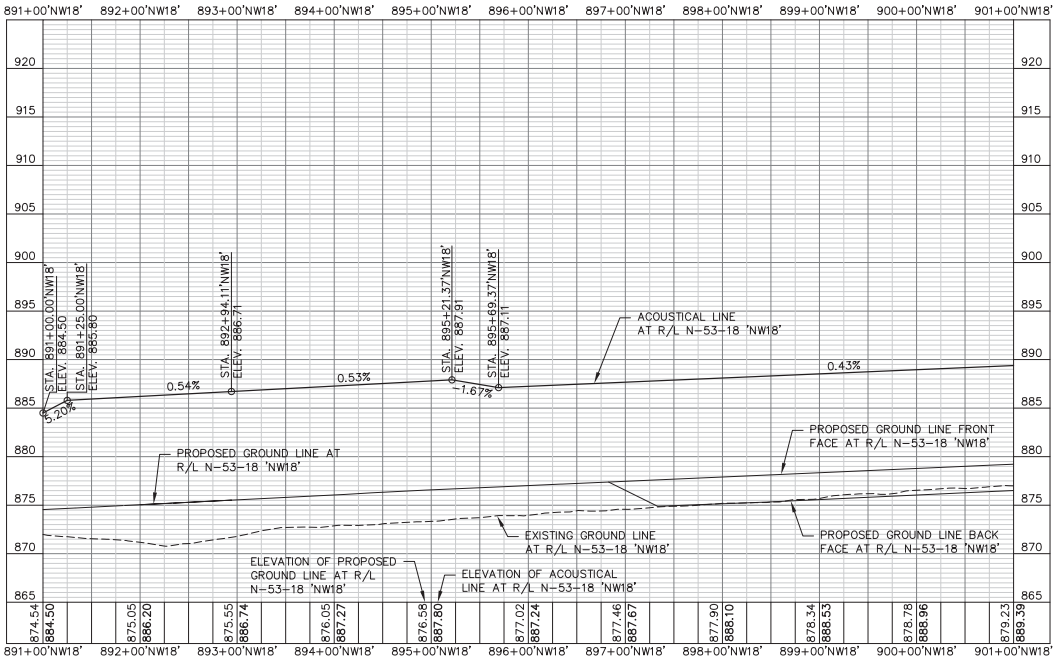
I.D. 1005-10-77 PLOT DATE: Nov 01, 2017

STATE PROJECT NUMBER
1005–10–77



PLAN

(NOISE BARRIER N–53–18)



ELEVATION

(WALL STA. 887+83.38'NW18' TO WALL STA. 905+83.82'NW18', LOOKING AT FRONT FACE)

GEOMETRY TABLE

WALL STATION	PROPOSED GROUND ELEVATION AT FRONT FACE	PROPOSED GROUND ELEVATION AT BACK FACE
891+00.00'NW18'	874.54	–
891+25.00'NW18'	874.67	–
891+50.00'NW18'	874.80	–
891+75.00'NW18'	874.92	–
892+00.00'NW18'	875.05	–
892+25.00'NW18'	875.17	–
892+50.00'NW18'	875.30	–
892+75.00'NW18'	875.42	–
893+00.00'NW18'	875.55	–
893+25.00'NW18'	875.67	–
893+50.00'NW18'	875.80	–
893+75.00'NW18'	875.92	–
894+00.00'NW18'	876.05	–
894+25.00'NW18'	876.18	–
894+50.00'NW18'	876.33	–
894+75.00'NW18'	876.47	–
895+00.00'NW18'	876.58	–
895+25.00'NW18'	876.69	–
895+50.00'NW18'	876.80	–
895+75.00'NW18'	876.91	–
896+00.00'NW18'	877.02	–
896+25.00'NW18'	877.13	–
896+50.00'NW18'	877.24	–
896+75.00'NW18'	877.35	–
896+82.70'NW18'	877.38	877.38
897+00.00'NW18'	877.46	876.53
897+25.00'NW18'	877.57	875.30
897+33.53'NW18'	877.61	874.88
897+50.00'NW18'	877.68	874.94
897+75.00'NW18'	877.79	875.05
898+00.00'NW18'	877.90	875.15
898+25.00'NW18'	878.01	875.24
898+50.00'NW18'	878.12	875.35
898+75.00'NW18'	878.23	875.46
899+00.00'NW18'	878.34	875.58
899+25.00'NW18'	878.45	875.69
899+50.00'NW18'	878.56	875.81
899+75.00'NW18'	878.67	875.93
900+00.00'NW18'	878.78	876.05
900+25.00'NW18'	878.89	876.16
900+50.00'NW18'	879.00	876.28
900+75.00'NW18'	879.11	876.40
901+00.00'NW18'	879.23	876.52

WALL BEND POINTS

WALL BEND PT. 1
WALL STA. 892+94.13'NW18'
STA. 892+10.77, 79.09' RT.
N: 278,434.33
E: 503,788.08

WALL BEND PT. 2
WALL STA. 894+75.60'NW18'
STA. 893+92.23, 79.06' RT.
N: 278,615.78
E: 503,785.88

WALL BEND PT. 3
WALL STA. 896+33.47'NW18'
STA. 895+50.02, 83.90' RT.
N: 278,773.63
E: 503,788.83

LEGEND

G02 EXISTING UTILITIES TO REMAIN. SPACE NOISE BARRIER POSTS TO AVOID ANY IMPACTS TO UTILITY LINES. CONTRACTOR SHALL POT HOLE UTILITIES TO CONFIRM LOCATIONS. COST INCLUDED WITH "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–18".

G03 SEE ROADWAY PLANS FOR NEW STORM SEWER LAYOUT.

G04 COORDINATE WITH ROADWAY CONTRACTOR FOR PLACEMENT OF LIGHTING BASES.

Addendum No. 1
ID 1005-10-77
Revised Sheet 2645
November 28, 2018

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N–53–18

DRAWN BY JDO | PLANS CK'D JJK

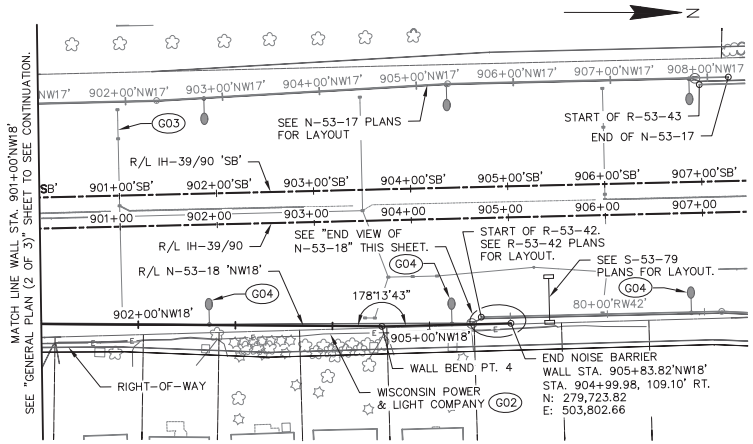
GENERAL PLAN (2 OF 3)

SHEET 2 OF 10

2645

FILE: 01–03–N530018_fsh.dwg
PLOT SCALE:

STATE PROJECT NUMBER
1005–10–77



PLAN

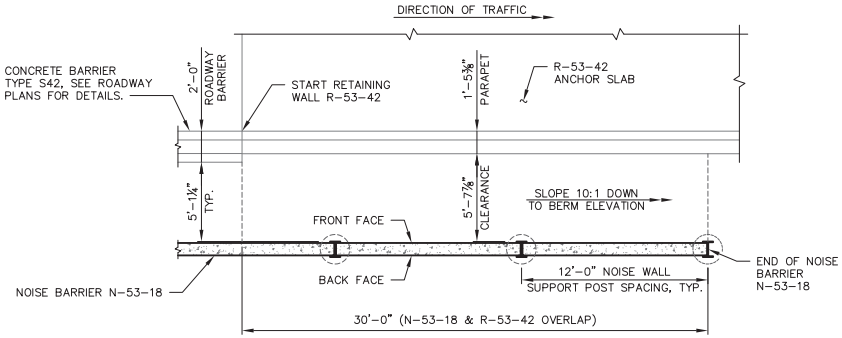
(NOISE BARRIER N–53–18)

WALL BEND POINT

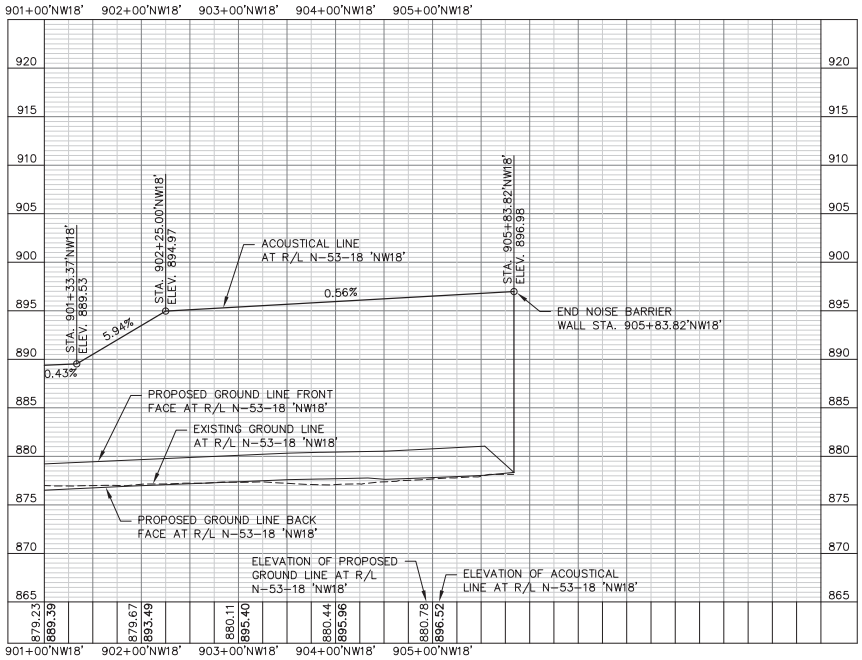
WALL BEND PT. 4
WALL STA. 904+50.92'NW18'
STA. 903+67.08, 109.10' RT.
N: 279,590.94
E: 503,804.26

LEGEND

- (G02) EXISTING UTILITIES TO REMAIN. SPACE NOISE BARRIER POSTS TO AVOID ANY IMPACTS TO UTILITY LINES. CONTRACTOR SHALL POT HOLE UTILITIES TO CONFIRM LOCATIONS. COST INCLUDED WITH "NOISE BARRIERS SINGLE–SIDED SOUND ABSORPTIVE N–53–18".
- (G03) SEE ROADWAY PLANS FOR NEW STORM SEWER LAYOUT.
- (G04) COORDINATE WITH ROADWAY CONTRACTOR FOR PLACEMENT OF LIGHTING BASES.



END VIEW OF N–53–18



ELEVATION

(WALL STA. 887+83.38'NW18' TO WALL STA. 905+83.82'NW18', LOOKING AT FRONT FACE)

GEOMETRY TABLE

WALL STATION	PROPOSED GROUND ELEVATION AT FRONT FACE	PROPOSED GROUND ELEVATION AT BACK FACE
901+00.00'NW18'	879.23	876.52
901+25.00'NW18'	879.34	876.63
901+50.00'NW18'	879.45	876.75
901+75.00'NW18'	879.56	876.87
902+00.00'NW18'	879.67	876.98
902+25.00'NW18'	879.78	877.08
902+50.00'NW18'	879.89	877.18
902+75.00'NW18'	880.00	877.28
903+00.00'NW18'	880.11	877.39
903+25.00'NW18'	880.22	877.49
903+50.00'NW18'	880.33	877.60
903+75.00'NW18'	880.39	877.65
904+00.00'NW18'	880.44	877.70
904+25.00'NW18'	880.49	877.75
904+50.00'NW18'	880.53	877.64
904+75.00'NW18'	880.65	877.72
905+00.00'NW18'	880.78	877.81
905+25.00'NW18'	880.91	877.91
905+50.00'NW18'	881.03	878.03
905+53.82'NW18'	881.05	878.05
905+75.00'NW18'	879.14	878.26
905+83.82NW18'	878.35	878.35

Addendum No. 1
ID 1005-10-77
Revised Sheet 2646
November 28, 2018

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N–53–18

DRAWN BY JDO | PLANS CK'D JJK

GENERAL PLAN (3 OF 3)

SHEET 3 OF 10

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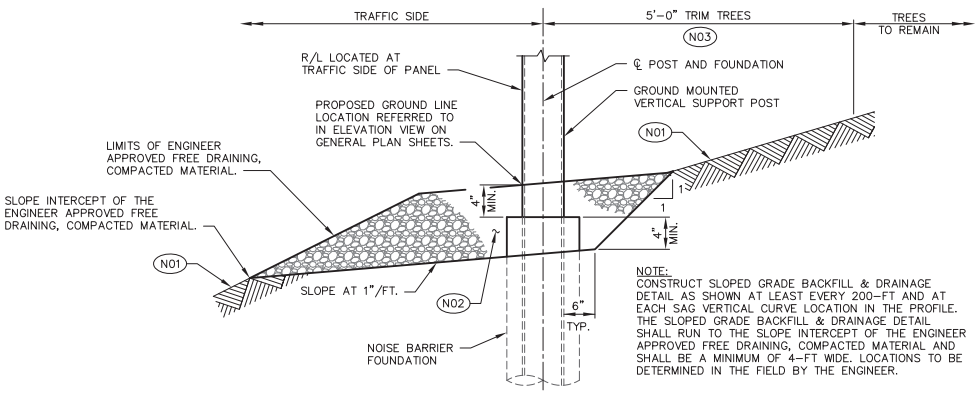
FILE: 01–03–N530018_fsh.dwg
PLOT SCALE:

I.D. 1005–10–77 PLOT DATE: Nov 01, 2017

STATE PROJECT NUMBER
1005-10-77

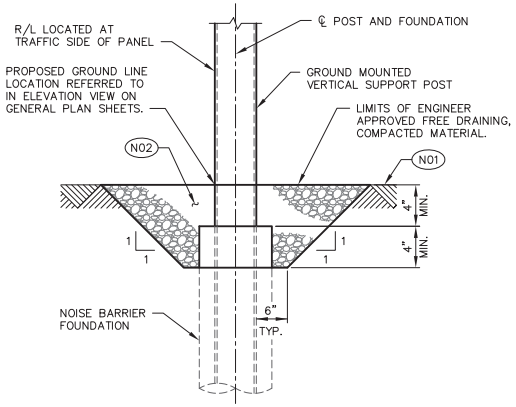
Addendum No. 1
ID 1005-10-77
Revised Sheet 2647
November 28, 2018



NOTE:
CONSTRUCT SLOPED GRADE BACKFILL & DRAINAGE DETAIL AS SHOWN AT LEAST EVERY 200-FT AND AT EACH SAG VERTICAL CURVE LOCATION IN THE PROFILE. THE SLOPED GRADE BACKFILL & DRAINAGE DETAIL SHALL RUN TO THE SLOPE INTERCEPT OF THE ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL AND SHALL BE A MINIMUM OF 4-FT WIDE. LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

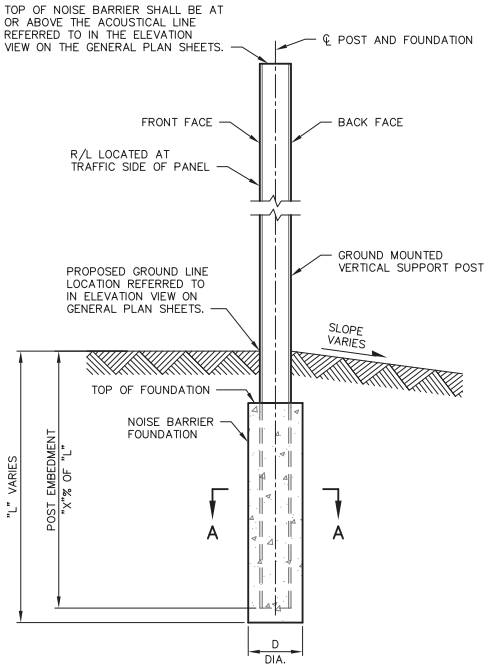
CLEARING/GRUBBING AND SLOPED GRADE BACKFILL & DRAINAGE DETAIL (N03)

(NOT TO SCALE)



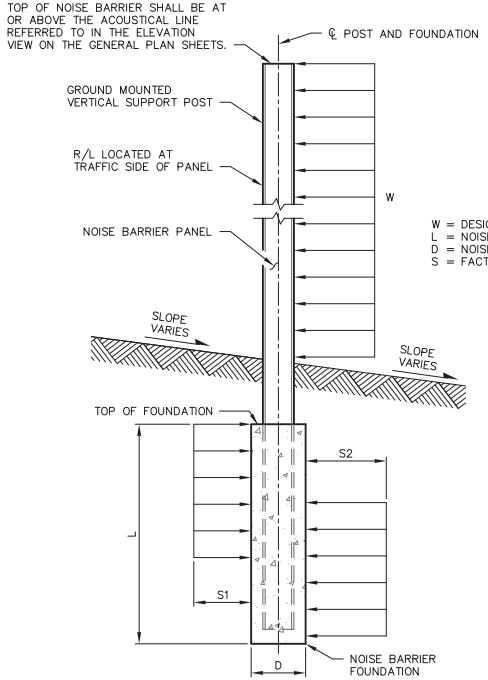
LEVEL GRADE BACKFILL & DRAINAGE DETAIL (N03)

(NOT TO SCALE)



SECTION THRU GROUND MOUNTED VERTICAL SUPPORT POST & AUGER CAST PILE

TYPICAL AT EACH POST LOCATION
(NOT TO SCALE)
(D, "L", AND "X" TO BE DETERMINED BY SUPPLIER)



W = DESIGN WIND LOAD (SEE "GENERAL PLAN (1 of 3)" SHEET)
L = NOISE BARRIER FOUNDATION DEPTH
D = NOISE BARRIER FOUNDATION DIAMETER
S = FACTORED SOIL PRESSURE

GROUND MOUNTED NOISE BARRIER LOADING

(NOT TO SCALE)

TOTAL ESTIMATED QUANTITIES

	ITEM NO.	BID ITEMS	UNIT	TOTALS
(N04)	531.0200.S.002	NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18	SF	23,390
	SPV.0060.900	MAINTENANCE DOORS	EA	1

NOTES

DETAILS SHOWN ARE GENERAL GUIDELINES FOR A VARIETY OF APPLICATIONS THAT MAY NOT ALL BE UTILIZED FOR THE SUBJECT NOISE BARRIER. SPECIFIC DETAILS SHALL BE PROVIDED BY THE NOISE BARRIER FABRICATOR AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

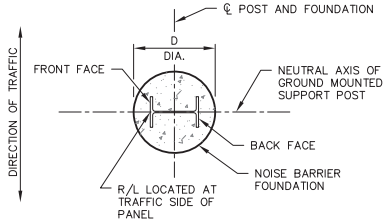
LEGEND

(N01) SEE CROSS SECTIONS IN ROADWAY PLAN FOR SLOPES.

(N02) ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL. AT A MINIMUM, MATERIAL AND COMPACTION SHALL MEET THE REQUIREMENTS OF SECTION 312 OF THE STANDARD SPECIFICATIONS. ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL SHALL BE INCLUDED IN THE BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18".

(N03) ALL ITEMS SHOWN ARE INCLUDED WITH THE BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18".

(N04) PAY LIMIT MEASURED FROM ACOUSTICAL LINE TO PROPOSED GROUND LINE AT FRONT FACE OF NOISE BARRIER. PROPOSED GROUND LINE IN THE ELEVATION VIEW ON THE GENERAL PLAN SHEETS ARE AT THE FRONT FACE OF NOISE BARRIER. NOISE BARRIER MAY BE LOCATED IN SLOPE SECTION AND EMBEDMENT SHALL BE AS SHOWN ON THIS SHEET.



SECTION A-A

(NOT TO SCALE)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-18

DRAWN BY JDO | PLANS CK'D JJK

QUANTITIES & DETAILS

SHEET 4 OF 10

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FILE: 04-07-N530018_det.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 01, 2017

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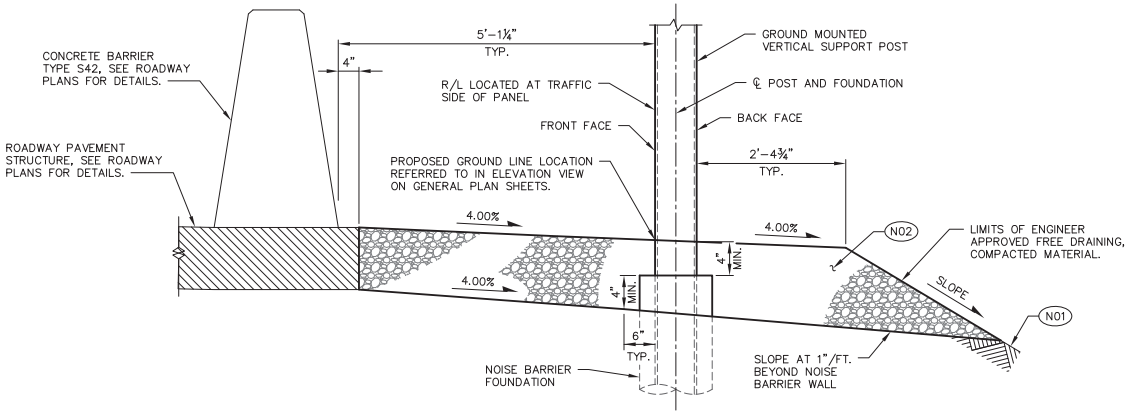
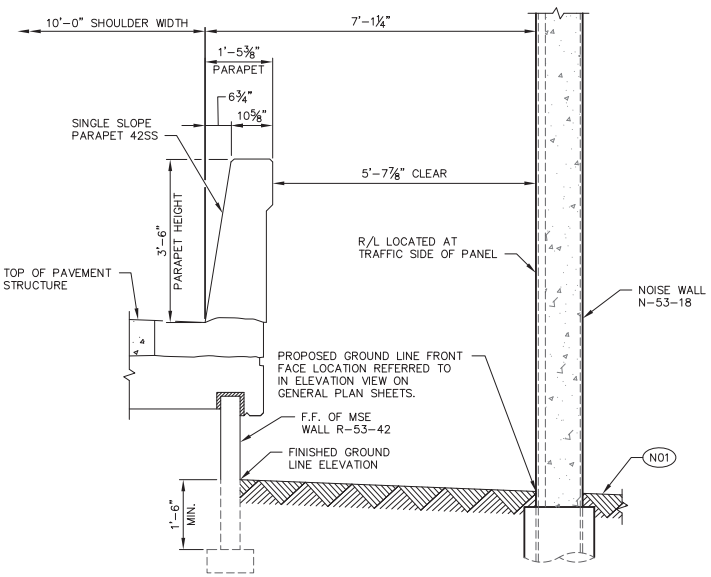
1005-10-77



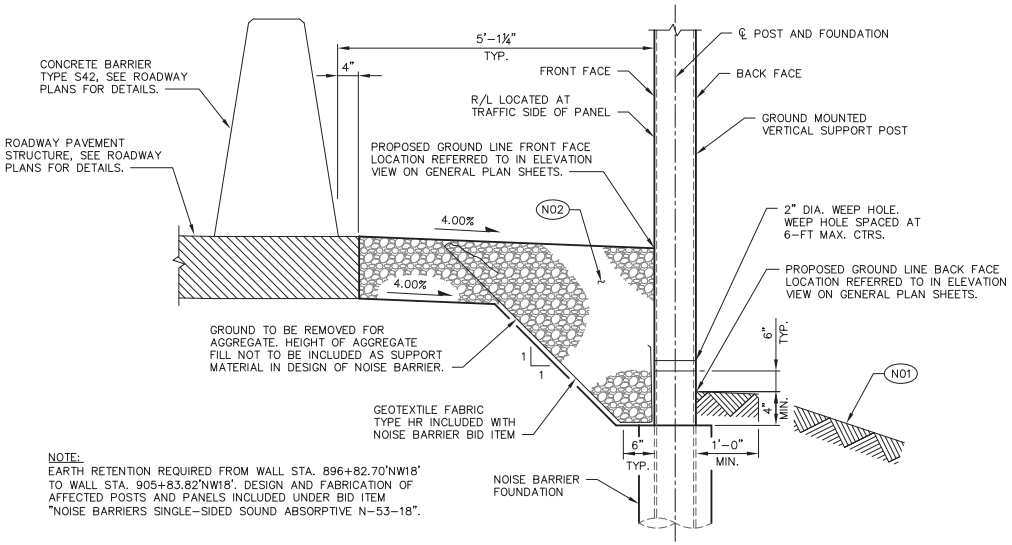
N03 BACKFILL & DRAINAGE DETAIL ADJACENT TO ROADWAY BARRIER

(NOT TO SCALE)



CROSS SECTION AT END OF NOISE WALL STA. 905+83.82'NW18'

(LOOKING NORTH)



NOTE:
EARTH RETENTION REQUIRED FROM WALL STA. 896+82.70'NW18' TO WALL STA. 905+83.82'NW18'. DESIGN AND FABRICATION OF AFFECTED POSTS AND PANELS INCLUDED UNDER BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18".

N03 TYPICAL SECTION NOISE BARRIER EARTH RETENTION

(NOT TO SCALE)

NOTES

DETAILS SHOWN ARE GENERAL GUIDELINES FOR A VARIETY OF APPLICATIONS THAT MAY NOT ALL BE UTILIZED FOR THE SUBJECT NOISE BARRIER. SPECIFIC DETAILS SHALL BE PROVIDED BY THE NOISE BARRIER FABRICATOR AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

LEGEND

N01 SEE CROSS SECTIONS IN ROADWAY PLAN FOR SLOPES.

N02 ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL. AT A MINIMUM, MATERIAL AND COMPACTION SHALL MEET THE REQUIREMENTS OF SECTION 312 OF THE STANDARD SPECIFICATIONS. ENGINEER APPROVED FREE DRAINING, COMPACTED MATERIAL SHALL BE INCLUDED IN THE BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18".

N03 ALL ITEMS SHOWN ARE INCLUDED WITH THE BID ITEM "NOISE BARRIERS SINGLE-SIDED SOUND ABSORPTIVE N-53-18".

Addendum No. 1
ID 1005-10-77
Revised Sheet 2648
November 28, 2018

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-18

DRAWN BY JDO | PLANS CK'D JJK

NOISE BARRIER DETAILS

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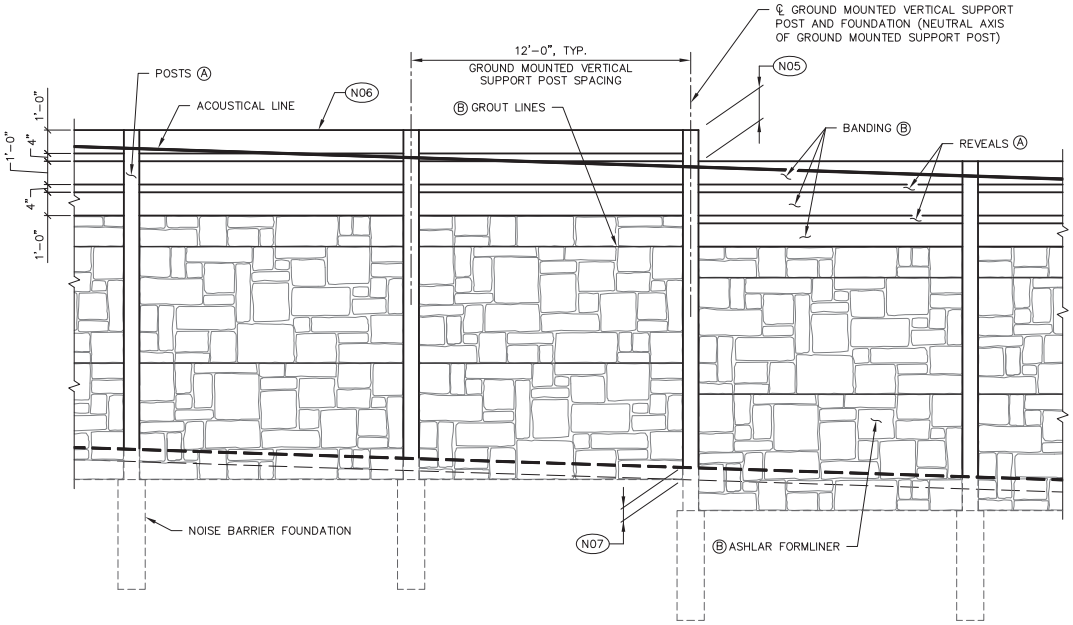
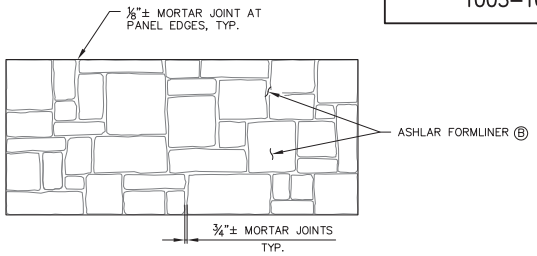


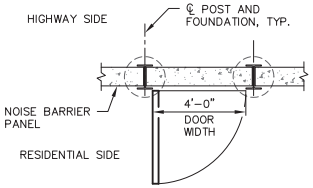
TYPICAL NOISE BARRIER ELEVATION

(STAIN AND FORMLINER TO BE PLACED ON BOTH SIDES OF NOISE BARRIER)

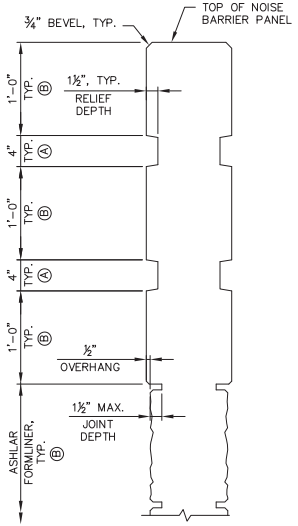


ASHLAR FORMLINER DETAIL

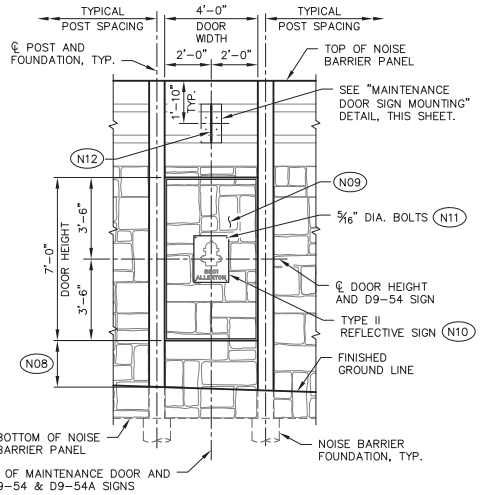
RECTANGULAR RANDOM ASHLAR STONE FORMLINER
SPLIT FACE FINISH ALL EXPOSED SURFACES, EDGES AND CORNERS
MAX. RELIEF 1½", 1¼" AVG. RELIEF
STONE HEIGHTS 4" MIN. TO 30" MAX.
STONE LENGTHS 4" MIN. TO 30" MAX.



MAINTENANCE DOOR PLAN

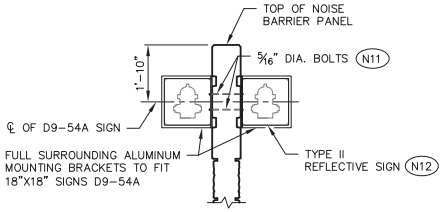


SECTION THRU FORMLINER



MAINTENANCE DOOR ELEVATION

(LOCATION OF ℄ OF MAINTENANCE DOOR SHALL BE AT WALL STA. 887+88.38'NW18')



MAINTENANCE DOOR SIGN MOUNTING

(SECTION THRU NOISE BARRIER PANEL)

LEGEND

AESTHETIC LAYOUT SHALL MATCH ON FRONT FACE AND BACK FACE ON ALL NOISE BARRIER PANELS.

- N05 STEP PANELS A MINIMUM OF 1'-4" AND A MAXIMUM OF 2'-8", IN INCREMENTS OF 1'-4". WHEN MORE THAN ONE PANEL MUST BE STEPPED, KEEP THE STEP INCREMENT THE SAME FOR EACH OF THE STEPPING PANELS.
- N06 ADJUST VERTICAL PLACEMENT OF PANELS TO MAXIMIZE HORIZONTAL RUNS, KEEPING THE TOP OF PANELS AT THE SAME ELEVATION. THE TOP OF THE BARRIER SHALL BE AT OR ABOVE THE ACOUSTICAL LINE.
- N07 4" MIN. FOR LIMITS OF STAINING AND SURFACE TREATMENT.
- N08 MAINTENANCE DOOR SHALL BE SET A MINIMUM OF 2'-0" ABOVE FINISHED GROUND LINE.
- N09 MAINTENANCE DOOR TO HAVE SAME AESTHETIC TREATMENT AS NOISE BARRIER PANELS. AESTHETIC TREATMENT TO BE INCLUDED WITH THE BID ITEM "MAINTENANCE DOORS."
- N10 TYPE II REFLECTIVE SIGN TO BE CENTERED ON MAINTENANCE DOOR. TWO STANDARD SIGNS D9-54 WILL BE FURNISHED PER MAINTENANCE DOOR STATION. ONE SIGN SHALL BE INSTALLED ON EACH SIDE OF THE BARRIER. SIGNS TO BE INCLUDED WITH THE BID ITEM "NOISE BARRIER SINGLE-SIDED SOUND ABSORPTIVE N-53-18".
- N11 STAINLESS STEEL HARDWARE (INCLUDING THRU BOLTS, WASHERS, NUTS, ETC.) TYPE 316 STAINLESS OR APPROVED EQUIVALENT. HARDWARE INCLUDED WITH THE BID ITEM "NOISE BARRIER SINGLE-SIDED SOUND ABSORPTIVE N-53-18".
- N12 STANDARD SIGNS D9-54A WILL BE FURNISH PER MAINTENANCE DOOR STATION. SIGN SHALL BE ATTACHED TO THE NOISE BARRIER PANEL ON EACH SIDE NEAR THE TOP OF THE BARRIER. SIGNS AND MOUNTING BRACKET TO BE INCLUDED WITH THE BID ITEM "NOISE BARRIER SINGLE-SIDED SOUND ABSORPTIVE N-53-18". SEE SPECIAL PROVISIONS.

CONCRETE STAINING COLORS

- Ⓐ STAIN FEDERAL COLOR NO. 30140
- Ⓑ STAIN FEDERAL COLOR NO. 30372 (INCLUDING JOINTS)

Addendum No. 1
ID 1005-10-77
Revised Sheet 2649
November 28, 2018

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-18

DRAWN BY JDO | PLANS CK'D JJK

ELEVATION & AESTHETIC DETAILS

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SOIL PARAMETERS (1)

ELEVATION (FEET)		MATERIAL TYPE (2)	ESTIMATED SOIL PROPERTIES			LATERAL EARTH PRESSURE COEFFICIENTS			L-PILE PARAMETERS			DRILLED PIER AXIAL COMPRESSION PARAMETERS			
									COEFFICIENT OF HORIZ. SUBGRADE REACTION, PCI (3)	SOIL TYPE		SIDE FRICTION (5)		END BEARING (6)	
FROM	TO		DENSITY, PCF	ANGLE OF INTERNAL FRICTION, DEGREES	COHESION, PSF	ACTIVE, Ka	PASSIVE, Kp	AT-REST, Ko		CODE (7)	DESCRIPTION	ULTIMATE, KSF	FACTORED, KSF (4)	ULTIMATE, KSF	FACTORED, KSF (4)
TOPSOIL			115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.12	N.R.	N.R.
NEW ROADWAY EMBANKMENT FILL (8)			120	28	0	0.4	2.8	0.5	90	5	SAND	0.39	0.20	12.0	6.0
BORING N-18-13															
872.20	862.70	LEAN CLAY	115	0	1500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.83	0.4	13.5	5.4
862.70	847.20	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.32	1.3	45.6	22.8
BORING N-18-14															
872.30	866.80	LEAN CLAY	115	0	2000	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.10	0.5	18.0	7.2
866.80	852.30	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	35	0	0.3	3.7	0.4	90	5	SAND	1.75	1.0	43.2	21.6
BORING N-18-15															
870.90	867.90	LEAN CLAY	115	0	2000	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.10	0.5	18.0	7.2
867.90	850.90	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	120	35	0	0.3	3.7	0.4	90	5	SAND	1.51	0.8	32.4	16.2
BORING N-18-16															
872.80	867.30	LEAN CLAY	115	0	2500	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.38	0.6	22.5	9.0
867.30	852.80	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	1.75	1.0	66.0	33.0
BORING N-18-17															
874.00	872.50	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
872.50	868.50	LEAN CLAY	115	0	2500	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.38	0.6	22.5	9.0
868.50	844.00	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.22	1.2	51.6	25.8
BORING N-18-18															
874.90	872.90	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
872.90	869.40	LEAN CLAY	115	0	3500	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.93	0.9	31.5	12.6
869.40	844.90	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.22	1.2	44.4	22.2
BORING N-18-19															
876.40	874.60	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
874.60	869.90	LEAN CLAY	115	0	2500	1.0	1.0	1.0	200	3	CLAY W/O WATER	1.38	0.6	22.5	9.0
869.90	846.40	SAND, TRACE TO LITTLE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.30	1.3	37.2	18.6
BORING N-18-20															
877.00	875.40	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
875.40	871.50	LEAN CLAY	115	0	4000	1.0	1.0	1.0	200	3	CLAY W/O WATER	2.20	1.0	36.0	14.4
871.50	837.00	SAND, TRACE SILT, SOME GRAVEL WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.62	1.4	50.4	25.2
BORING N-18-21															
877.40	875.60	TOPSOIL	115	0	500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.28	0.1	N.R.	N.R.
875.60	868.90	LEAN CLAY	115	0	1500	1.0	1.0	1.0	200	3	CLAY W/O WATER	0.83	0.4	13.5	5.4
868.90	837.40	SAND AND GRAVEL, TRACE SILT WITH COBBLES & BOULDERS	125	36	0	0.3	3.9	0.4	90	5	SAND	2.84	1.6	42.0	21.0

(1) UNLESS NOTED AS "FACTORED", THE VALUES DO NOT INCLUDE A FACTOR OF SAFETY (i.e. RESISTANCE FACTOR = 1.0).
(2) MATERIAL TYPE IS GENERALIZED: REFER TO BORING LOGS FOR DETAILS.
(3) COEFFICIENT OF HORIZONTAL SUBGRADE REACTION FOR CLAYS IS FOR CYCLICAL LOADING (e.g. WIND LOADS).
(4) DRILLED PIER RESISTANCE FACTORS FOR AXIAL COMPRESSION ARE AS FOLLOWS:
SIDE FRICTION IN CLAY 0.45
END BEARING IN CLAY 0.4
SIDE FRICTION IN SAND 0.55
END BEARING IN SAND 0.5
REFERENCE: TABLE 10.5.5.2.4-1, AASHTO LRFD BRIDGE MANUAL
(5) NEGLECT SIDE FRICTION IN CLAY IN UPPER 5 FT AND IN BOTTOM PIER DIAMETER.
(6) END BEARING IN FILL WITH CLAY LAYERS PRESENT IS CONTROLLED BY CLAY SOIL PARAMETERS.
(7) CODES TAKEN FROM COMPUTER SOFTWARE PROGRAM LPILE 2013 USER'S MANUAL.
(8) SOIL PROPERTIES BASED ON UNIT WT. OF 120 PCF, FRICTION ANGLE OF 28° AND AVERAGE NEW EMBANKMENT FILL THICKNESS OF ABOUT 5 FT OVER THE LENGTH OF THE WALL.
(9) N.R. = NOT RECOMMENDED

Addendum No. 1
ID 1005-10-77
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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-18

DRAWN BY JDO | PLANS CK'D JJK

SOIL PARAMETERS

SHEET 7 OF 10

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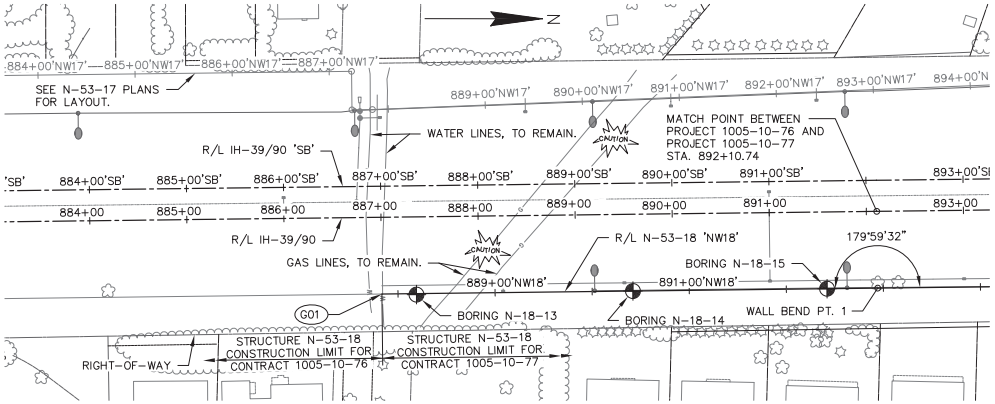
FILE: 04-07-N530018_det.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 01, 2017

Addendum No. 1
ID 1005-10-77
Revised Sheet 2651
November 28, 2018



PLAN

(NOISE BARRIER N-53-18)

IH-39/90 CENTRAL SEGMENT

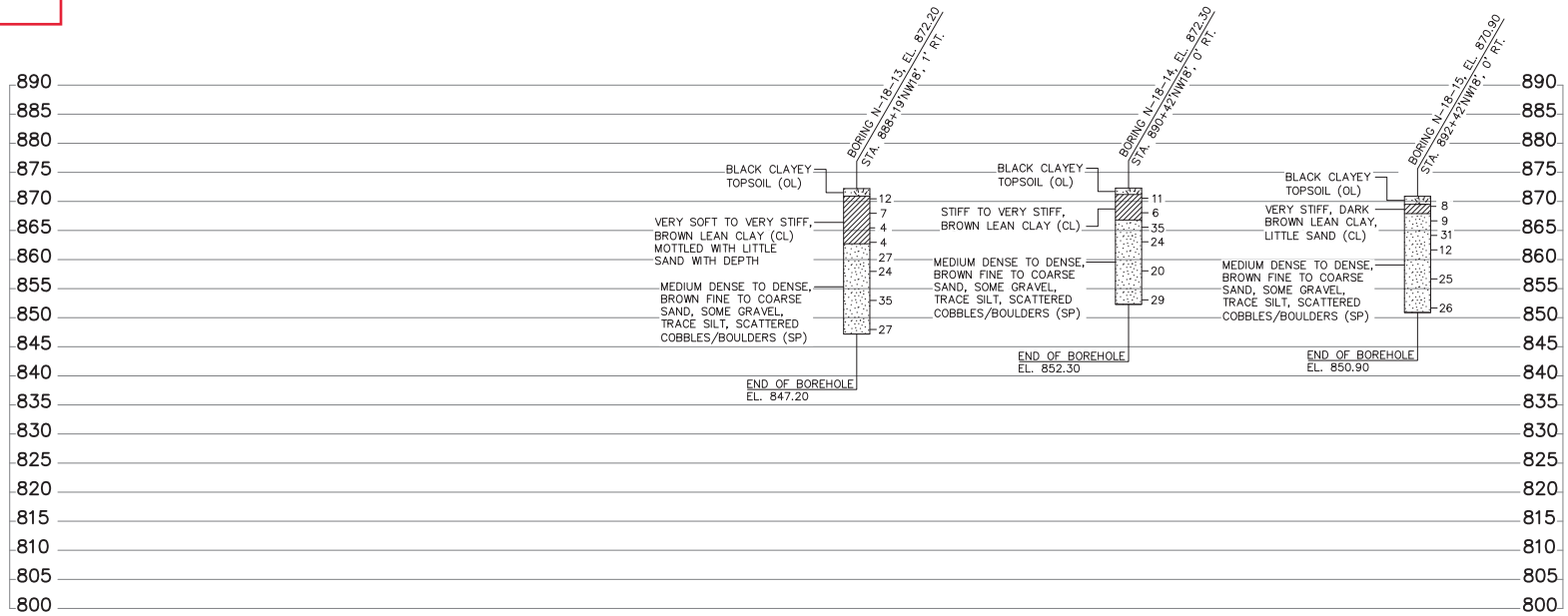
BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
N-18-13	8/26/2014	277959.6	503794.7
N-18-14	8/26/2014	277818.4	503791.0
N-18-15	8/26/2014	278382.3	503788.6
BORINGS COMPLETED BY: (SES) SOILS ENGINEERING SERVICE			
SUBSURFACE INVESTIGATION REPORT: CGC, INC.			
ALL COORDINATES REFERENCED TO WCCS NAD 83(07) ROCK COUNTY			

WALL BEND POINT

WALL BEND PT. 1
WALL STA. 892+94.13'NW18'
STA. 892+10.77, 79.09' RT.
N: 278,434.33
E: 503,788.08

LEGEND

G01 BEGIN CONSTRUCTION FOR 1005-10-77
WALL STA. 887+83.38'NW18'
STA. 887+00.00, 79.10' RT.
N: 277,923.62
E: 503,794.20
MATCH POINT FOR PROJECT 1005-10-76



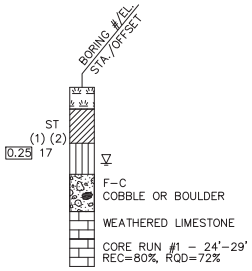
STATE PROJECT NUMBER

1005-10-77

MATERIAL SYMBOLS

ASPHALT, TOPSOIL, PEAT, CONCRETE, FILL, GRAVEL, SAND, CLAY, SILT, BOULDERS OR COBBLES, LIMESTONE, BEDROCK (UNKNOWN), SHALE, SANDSTONE, IGNEOUS/META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

AT TIME OF DRILLING
END OF DRILLING
AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-18

DRAWN BY JDO | PLANS CK'D JJK

SUBSURFACE EXPLORATION (1 OF 3)

SHEET 8 OF 10

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FILE: 08-10-N530018_bor.dwg
PLOT SCALE:

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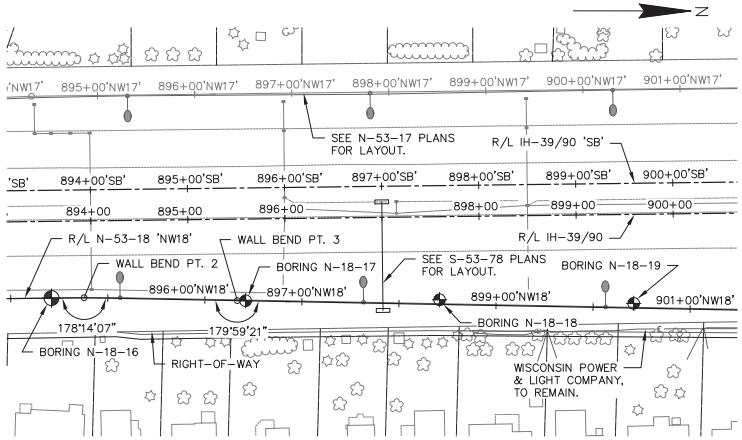


PLAN

(NOISE BARRIER N-53-18)

IH-39/90 CENTRAL SEGMENT

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
N-18-16	8/26/2014	278582.4	503786.2
N-18-17	8/27/2014	278782.3	503789.4
N-18-18	8/27/2014	278982.3	503793.1
N-18-19	8/27/2014	279182.2	503796.7
BORINGS COMPLETED BY: (SES) SOILS ENGINEERING SERVICE			
SUBSURFACE INVESTIGATION REPORT: CGC, INC.			
ALL COORDINATES REFERENCED TO WCCS NAD 83(07) ROCK COUNTY			

Addendum No. 1
ID 1005-10-77
Revised Sheet 2652
November 28, 2018

WALL BEND POINTS

WALL BEND PT. 2
WALL STA. 894+75.60'NW18'
STA. 893+92.23, 79.06' RT.
N: 278,615.78
E: 503,785.88

WALL BEND PT. 3
WALL STA. 896+33.47'NW18'
STA. 895+50.02, 83.90' RT.
N: 278,773.63
E: 503,788.83

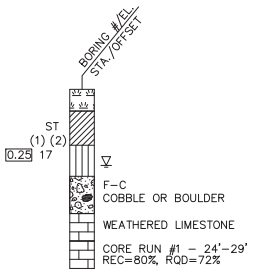
STATE PROJECT NUMBER

1005-10-77

MATERIAL SYMBOLS

ASPHALT, TOPSOIL, PEAT, CONCRETE, FILL, GRAVEL, SAND, CLAY, SILT, BOULDERS OR COBBLES, LIMESTONE, BEDROCK (UNKNOWN), SHALE, SANDSTONE, IGNEOUS/META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

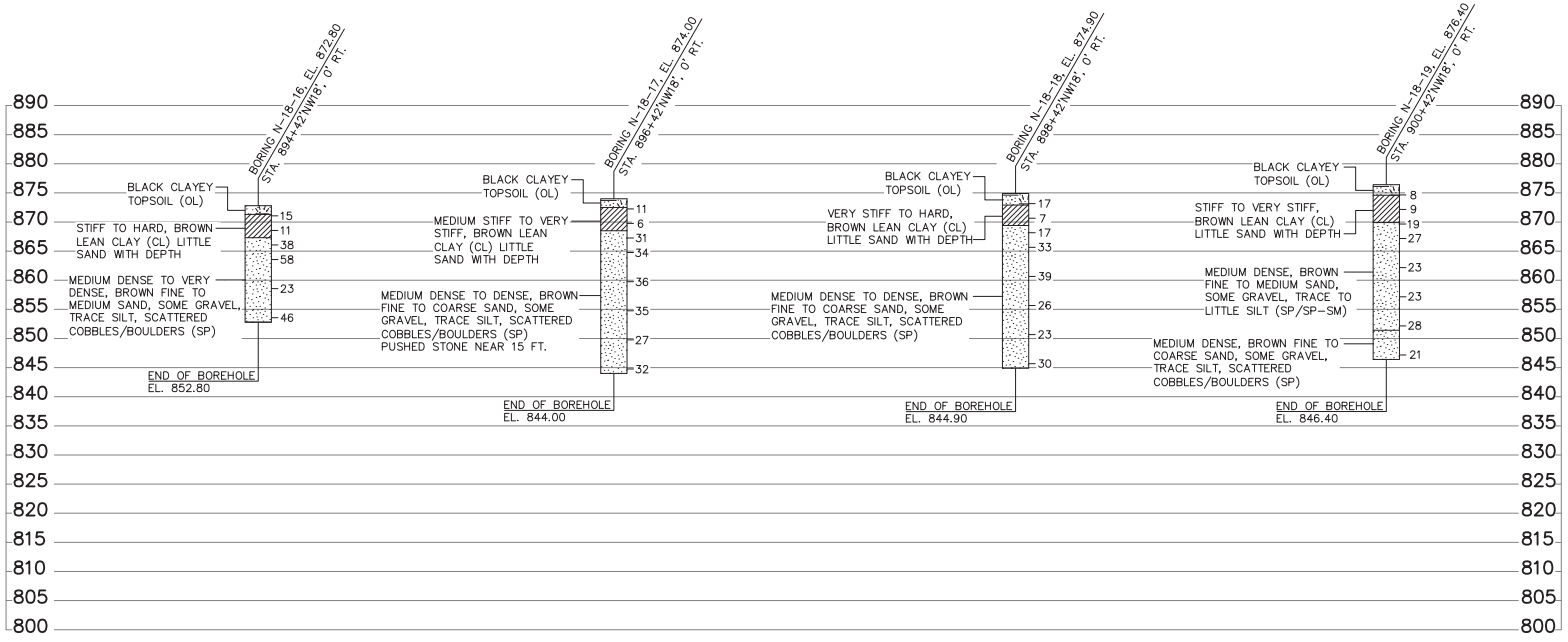
AT TIME OF DRILLING
END OF DRILLING
AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.



NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-18

DRAWN BY JDO | PLANS CK'D JJK

SUBSURFACE EXPLORATION (2 OF 3)

SHEET 9 OF 10

2652

8

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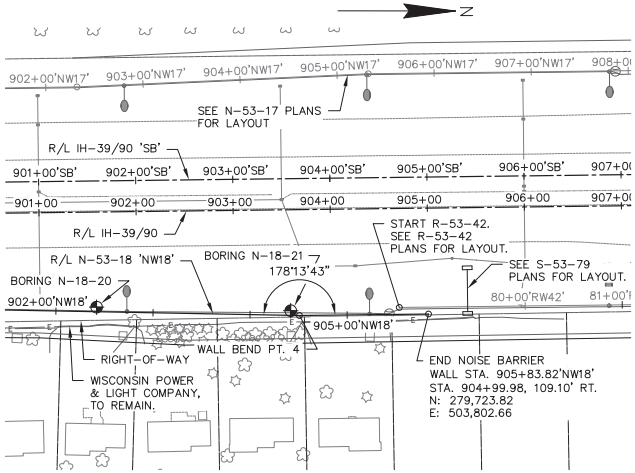
FILE: 08-10-N530018_bor.dwg
PLOT SCALE:

I.D. 1005-10-77 PLOT DATE: Nov 01, 2017



PLAN

(NOISE BARRIER N-53-18)

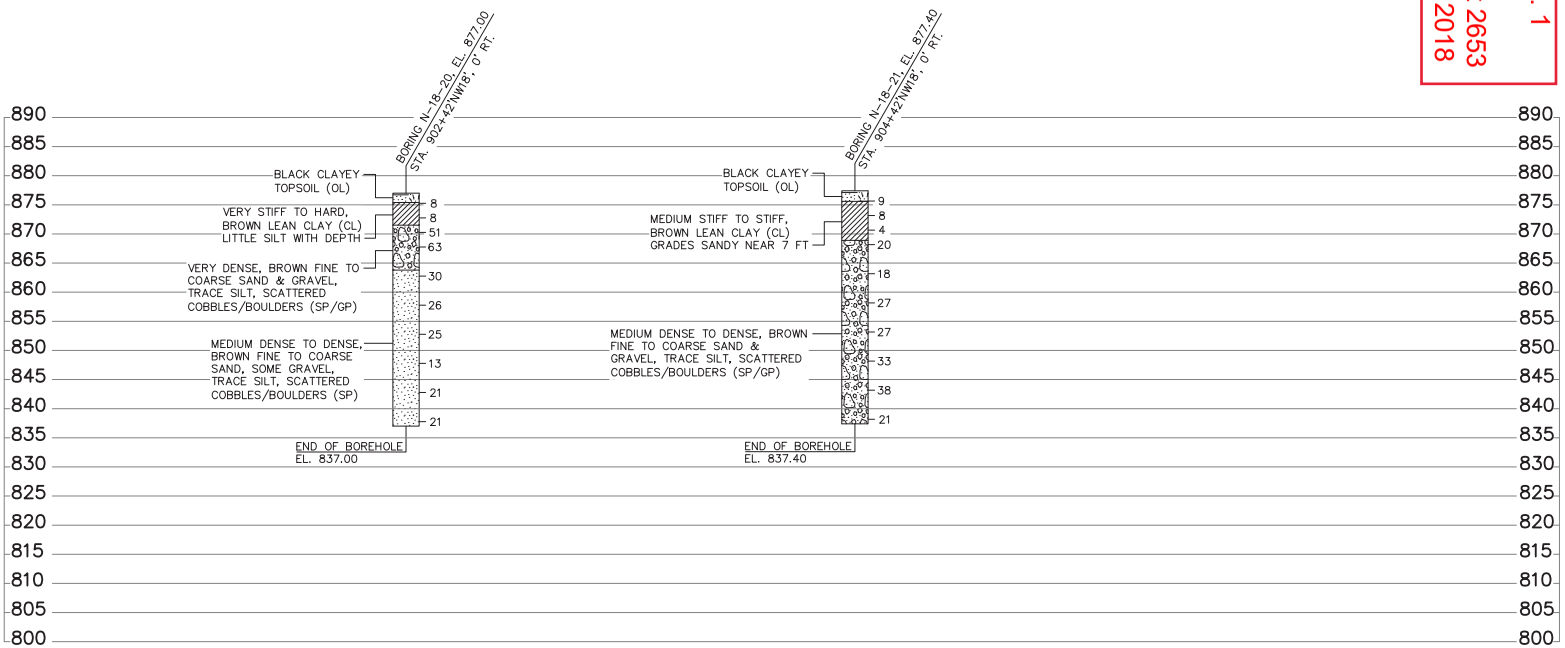
IH-39/90 CENTRAL SEGMENT

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
N-18-20	8/27/2014	279382.2	503800.5
N-18-21	8/27/2014	279582.2	503800.5
BORINGS COMPLETED BY: (SES) SOILS ENGINEERING SERVICE			
SUBSURFACE INVESTIGATION REPORT: CGC, INC.			
ALL COORDINATES REFERENCED TO WCCS NAD 83(07) ROCK COUNTY			

WALL BEND POINT

WALL BEND PT. 4
WALL STA. 904+50.92'NW18'
STA. 903+67.08, 109.10' RT.
N: 279,590.94
E: 503,804.26

Addendum No. 1
ID 1005-10-77
Revised Sheet 2653
November 28, 2018



STATE PROJECT NUMBER

1005-10-77

MATERIAL SYMBOLS

ASPHALT, TOPSOIL, PEAT, CONCRETE, FILL, GRAVEL, SAND, CLAY, SILT, BOULDERS OR COBBLES, LIMESTONE, BEDROCK (UNKNOWN), SHALE, SANDSTONE, IGNEOUS/META

LEGEND OF BORING

BORING #/EL. STA/OFFSET
ST
(1) (2)
0.25 17
F-C
COBBLE OR BOULDER
WEATHERED LIMESTONE
CORE RUN #1 – 24'-29'
REC=80%, RQD=72%

(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

AT TIME OF DRILLING
END OF DRILLING
AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE N-53-18

DRAWN BY JDO | PLANS CK'D JJK

SUBSURFACE EXPLORATION (3 OF 3)

SHEET 10 OF 10

2653

8

8

FILE: 08-10-N530018_bor.dwg
PLOT SCALE:

DIVISION 5-1-1/CAT. 1000 (STA 869+80 - 1086+50): STAGE 5, PHASE 1 CONSTRUCTION - IH 39/90
NORTHBOUND

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
869+80		0.0	0.0	0.0							
870+00	20	0.0	0.0	0.0	0	0	0	0	0	0	0
871+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
872+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
873+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
874+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
875+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
875+27	27	0.0	0.0	0.0	0	0	0	0	0	0	0
899+02		0.0	0.0	0.0							
900+00	98	0.0	0.0	0.0	0	0	0	0	0	0	0
901+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
902+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
903+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
904+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
905+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
906+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
907+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
908+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
908+54	54	0.0	0.0	0.0	0	0	0	0	0	0	0
933+48		0.0	0.0	0.0							
934+00	52	8.9	0.0	0.0	9	0	0	9	0	0	9
935+00	100	8.6	0.0	0.0	32	0	0	41	0	0	41
936+00	100	8.3	0.0	0.0	31	0	0	72	0	0	72
937+00	100	4.5	0.0	0.0	24	0	0	96	0	0	96
937+12	12	0.0	0.0	0.0	1	0	0	97	0	0	97
974+92		0.0	0.0	0.0							
975+00	8	0.0	0.0	0.0	0	0	0	97	0	0	97
976+00	100	0.0	0.0	0.0	0	0	0	97	0	0	97
977+00	100	0.0	0.0	0.0	0	0	0	97	0	0	97
977+67	67	0.0	0.0	0.0	0	0	0	97	0	0	97
985+58		0.0	0.0	0.0							
986+00	42	0.0	0.0	0.0	0	0	0	97	0	0	97
986+95	95	0.0	0.0	0.0	0	0	0	97	0	0	97
987+00	5	0.0	0.0	0.0	0	0	0	97	0	0	97
988+00	100	0.0	0.0	0.0	0	0	0	97	0	0	97
988+00	1	0.0	0.0	0.0	0	0	0	97	0	0	97
988+07	7	0.0	0.0	0.0	0	0	0	97	0	0	97
999+30		0.0	0.0	0.0							
1000+00	70	0.0	0.0	0.0	0	0	0	97	0	0	97
1001+00	100	0.0	0.0	0.0	0	0	0	97	0	0	97
1002+00	100	0.0	0.0	0.0	0	0	0	97	0	0	97
1002+76	76	0.0	0.0	0.0	0	0	0	97	0	0	97
1043+00		15.3	1.3	0.0							
1044+00	100	15.3	1.3	0.0	57	5	0	154	5	0	149
1045+00	100	4.8	0.5	0.0	37	3	0	191	8	0	182
1046+00	100	4.8	0.5	0.0	18	2	0	209	10	0	198
1047+00	100	4.8	0.5	0.0	18	2	0	226	12	0	214
1048+00	100	4.8	0.5	0.0	18	2	0	244	14	0	229
1049+00	100	4.8	0.5	0.0	18	2	0	261	16	0	245
1050+00	100	4.8	0.5	0.0	18	2	0	279	18	0	261
1051+00	100	8.3	0.0	0.0	24	1	0	303	19	0	284
1052+00	100	13.1	0.0	0.0	40	0	0	343	19	0	323
1053+00	100	17.3	0.0	0.0	56	0	0	399	19	0	380
1054+00	100	22.1	0.0	0.0	73	0	0	472	19	0	452
1055+00	100	26.5	0.0	0.0	90	0	0	562	19	0	543
1056+00	100	26.5	0.0	0.0	98	0	0	660	19	0	641

DIVISION 5-1-1/CAT. 1000 (STA 869+80 - 1086+50): STAGE 5, PHASE 1 CONSTRUCTION - IH 39/90
NORTHBOUND (CONTINUED)

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
1057+00	100	26.5	0.0	0.0	98	0	0	759	19	0	739
1058+00	100	26.5	0.0	0.0	98	0	0	857	19	0	837
1059+00	100	39.9	0.0	0.0	123	0	0	980	19	0	960
1059+16	16	42.0	0.0	0.0	24	0	0	1,004	19	0	985
1060+00	84	33.7	0.0	0.0	118	0	0	1,122	19	0	1,102
1061+00	100	20.7	0.0	0.0	101	0	0	1,223	19	0	1,203
1062+00	100	10.9	0.5	0.0	59	1	0	1,281	20	0	1,261
1063+00	100	4.8	1.3	0.0	29	3	0	1,310	24	0	1,287
1064+00	100	4.8	0.5	0.0	18	3	0	1,328	27	0	1,301
1065+00	100	4.8	0.5	0.0	18	2	0	1,345	29	0	1,316
1066+00	100	4.8	0.5	0.0	18	2	0	1,363	31	0	1,332
1067+00	100	4.8	0.5	0.0	18	2	0	1,381	33	0	1,348
1068+00	100	4.8	11.0	0.0	18	21	0	1,398	54	0	1,344
1069+00	100	4.8	24.5	0.0	18	66	0	1,416	120	0	1,296
1070+00	100	4.6	54.8	0.0	17	147	0	1,433	267	0	1,166
1071+00	100	6.4	40.3	0.0	20	176	0	1,454	443	0	1,010
1072+00	100	10.8	27.3	0.0	32	125	0	1,485	568	0	917
1073+00	100	22.2	3.8	0.0	61	58	0	1,547	626	0	921
1074+00	100	38.9	10.8	0.0	113	27	0	1,660	653	0	1,007
1075+00	100	73.0	0.0	0.0	207	20	0	1,867	673	0	1,194
1076+00	100	51.5	60.8	0.0	231	113	0	2,098	785	0	1,312
1077+00	100	59.3	88.7	0.0	205	277	0	2,303	1,062	0	1,241
1078+00	100	39.6	51.2	0.0	183	259	0	2,486	1,322	0	1,164
1078+25	25	175.7	0.1	0.0	100	24	0	2,586	1,345	0	1,240
1079+00	75	264.1	0.0	0.0	611	0	0	3,196	1,345	0	1,851
1080+00	100	324.8	0.0	0.0	1,090	0	0	4,287	1,345	0	2,941
1081+00	100	322.4	0.8	0.0	1,198	1	0	5,485	1,347	0	4,138
1081+50	50	302.7	4.4	0.0	579	5	0	6,064	1,352	0	4,712
1082+00	50	209.1	0.0	0.0	474	4	0	6,538	1,356	0	5,182
1082+50	50	420.1	0.0	0.0	583	0	0	7,120	1,356	0	5,765
1083+00	50	434.6	0.0	0.0	791	0	0	7,912	1,356	0	6,556
1084+00	100	393.8	0.0	0.0	1,534	0	0	9,446	1,356	0	8,090
1085+00	100	252.6	0.0	0.0	1,197	0	0	10,643	1,356	0	9,287
1086+00	100	82.8	22.5	0.0	621	42	0	11,264	1,397	0	9,867
1086+50	50	82.8	22.5	0.0	153	42	0	11,418	1,439	0	9,979
				Column totals	11,418	1,439	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

Addendum No. 1
ID 1005-10-77
Revised Sheet 3010
November 28, 2018

DIVISION 5-1-2/CAT. 1000 (STA 869+00'SB' - 1099+50'SB'): STAGE 5, PHASE 1 CONSTRUCTION - IH 39/90
SOUTHBOUND 'SB'

STATION	Distance	Area Cut Note 7 (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
869+00		0.0	0.0	0.0							
870+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
871+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
872+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
873+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
874+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
875+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
875+28	28	0.0	0.0	0.0	0	0	0	0	0	0	0
899+25		0.0	0.0	0.0							
900+00	75	0.0	0.0	0.0	0	0	0	0	0	0	0
901+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
901+79	79	0.0	0.0	0.0	0	0	0	0	0	0	0
991+35		0.0	0.0	0.0							
992+00	65	0.0	0.0	0.0	0	0	0	0	0	0	0
993+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
994+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
995+00	100	0.0	0.0	0.0	0	0	0	0	0	0	0
996+00	100	110.9	0.0	0.0	205	0	0	205	0	0	205
997+00	100	135.3	0.0	0.0	456	0	0	661	0	0	661
998+00	100	160.3	0.0	0.0	547	0	0	1,209	0	0	1,209
999+00	100	180.7	0.0	0.0	631	0	0	1,840	0	0	1,840
1000+00	100	152.3	0.0	0.0	617	0	0	2,457	0	0	2,457
1001+00	100	99.5	0.0	0.0	466	0	0	2,923	0	0	2,923
1002+00	100	71.4	0.0	0.0	316	0	0	3,239	0	0	3,239
1003+00	100	21.1	0.0	0.0	171	0	0	3,411	0	0	3,411
1003+17	17	2.0	0.0	0.0	7	0	0	3,418	0	0	3,418
1079+00		27.8	0.0	0.0							
1080+00	100	27.8	0.0	0.0	103	0	0	3,521	0	0	3,521
1081+00	100	128.4	0.0	0.0	289	0	0	3,810	0	0	3,810
1082+00	100	118.0	0.0	0.0	456	0	0	4,267	0	0	4,267
1083+00	100	177.1	12.0	0.0	547	22	0	4,813	22	0	4,791
1084+00	100	328.9	2.0	0.0	937	26	0	5,750	48	0	5,702
1085+00	100	485.1	0.0	0.0	1,507	4	0	7,257	52	0	7,205
1086+00	100	127.8	0.0	0.0	1,135	0	0	8,392	52	0	8,340
1087+00	100	420.8	0.0	0.0	1,016	0	0	9,408	52	0	9,356
1088+00	100	378.7	0.0	0.0	1,481	0	0	10,889	52	0	10,837
1089+00	100	291.1	0.0	0.0	1,240	0	0	12,130	52	0	12,078
1090+00	100	192.4	0.0	0.0	895	0	0	13,025	52	0	12,973
1091+00	100	59.5	18.3	0.0	467	34	0	13,492	86	0	13,406
1092+00	100	43.3	0.0	0.0	190	34	0	13,682	120	0	13,562
1093+00	100	50.9	0.0	0.0	174	0	0	13,856	120	0	13,736
1094+00	100	52.0	0.5	0.0	190	1	0	14,047	121	0	13,926
1095+00	100	18.1	35.1	0.0	130	66	0	14,176	187	0	13,989
1096+00	100	5.2	67.1	0.0	43	189	0	14,220	376	0	13,843
1097+00	100	4.4	70.5	0.0	18	255	0	14,237	631	0	13,606
1098+00	100	3.6	41.2	0.0	15	207	0	14,252	838	0	13,414
1099+00	100	6.1	38.1	0.0	18	147	0	14,270	985	0	13,285
1099+25	25	7.1	36.6	0.0	6	35	0	14,276	1,020	0	13,256
1099+50	25	7.1	36.6	0.0	7	34	0	14,283	1,053	0	13,229
				Column totals	14,283	1,053	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)
7 - Cut: Cut includes removing mainline median Salvaged Topsoil placed in stages 2 and 3 prior to placing fill in stages 3 and

DIVISION 5-1-3/CAT. 1000 (STA 963+50'CA' - 966+63'CA'): STAGE 5, PHASE 1 CONSTRUCTION - STH 26 NORTHBOUND ON-RAMP 'CA'

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
963+50		8.7	0.0	0.0							
964+00	50	8.7	0.0	0.0	16	0	0	16	0	0	16
964+50	50	13.2	0.3	0.0	20	0	0	36	0	0	36
965+00	50	30.2	0.0	0.0	40	0	0	76	1	0	76
965+14	14	0.9	0.0	0.0	8	0	0	84	1	0	84
965+47	33	18.6	0.0	0.0	12	0	0	96	1	0	96
965+50	3	20.6	0.0	0.0	2	0	0	99	1	0	98
965+73	23	41.6	0.0	0.0	27	0	0	125	1	0	124
965+99	26	83.8	0.0	0.0	60	0	0	185	1	0	185
966+00	1	85.3	0.0	0.0	3	0	0	189	1	0	188
966+50	50	86.5	0.0	0.0	159	0	0	348	1	0	347
966+63	13	86.5	0.0	0.0	42	0	0	389	1	0	389
				Column totals	389	1	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 5-1-4/CAT. 1000 (STA 964+55'CAA' - 966+85'CAA'): STAGE 5, PHASE 1 CONSTRUCTION - STH 26 NORTHBOUND ON-RAMP 'CAA'

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
964+55		9.1	0.0	0.0							
965+00	45	9.1	0.0	0.0	15	0	0	15	0	0	15
965+50	50	12.5	1.8	0.0	20	2	0	35	2	0	34
966+00	50	83.8	0.0	0.0	89	2	0	124	3	0	121
966+50	50	27.9	3.4	0.0	103	3	0	228	6	0	222
966+85	35	27.9	3.4	0.0	36	4	0	264	11	0	253
				Column totals	264	11	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 5-1-7/CAT. 1000 (STA 95+74'CE' - 139+71'CE'): STAGE 5, PHASE 1 CONSTRUCTION - STH 26 EASTBOUND 'CE'

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
95+74		27.3	0.0	0.0							
96+00	26	27.3	0.0	0.0	26	0	0	26	0	0	26
96+50	50	57.9	0.0	0.0	79	0	0	105	0	0	105
97+00	50	38.2	0.0	0.0	89	0	0	194	0	0	194
97+50	50	20.3	0.0	0.0	54	0	0	248	0	0	248
98+00	50	21.1	0.0	0.0	38	0	0	286	0	0	286
98+50	50	22.9	0.0	0.0	41	0	0	327	0	0	327
99+00	50	23.9	0.0	0.0	43	0	0	371	0	0	371
99+45	45	23.9	0.0	0.0	40	0	0	410	0	0	410
108+79		15.2	65.1	0.0							
109+00	21	15.2	65.1	0.0	12	51	0	422	51	0	372
109+50	50	7.1	45.5	0.0	21	102	0	443	153	0	290
110+00	50	9.7	0.0	0.0	16	42	0	458	195	0	263
110+50	50	2.1	0.0	0.0	11	0	0	469	195	0	274
111+00	50	2.4	2.1	0.0	4	2	0	474	197	0	277
111+50	50	2.3	2.2	0.0	4	4	0	478	201	0	277
112+00	50	2.1	3.7	0.0	4	5	0	482	206	0	276
112+50	50	2.1	4.1	0.0	4	7	0	486	214	0	272
113+00	50	2.1	4.0	0.0	4	8	0	490	221	0	269
113+50	50	100.9	6.1	0.0	95	9	0	585	231	0	354
114+00	50	70.8	2.5	0.0	159	8	0	744	239	0	505
114+50	50	66.0	2.5	0.0	127	5	0	871	243	0	627
115+00	50	33.5	2.5	0.0	92	5	0	963	248	0	715
115+50	50	3.9	19.1	0.0	35	20	0	997	268	0	729
116+00	50	2.7	23.3	0.0	6	39	0	1,003	307	0	696
116+50	50	2.2	7.2	0.0	5	28	0	1,008	335	0	673
117+00	50	2.1	6.2	0.0	4	12	0	1,012	348	0	664
117+50	50	8.3	18.6	0.0	10	23	0	1,021	371	0	651
118+00	50	16.4	46.8	0.0	23	61	0	1,044	431	0	613
118+50	50	56.3	32.1	0.0	67	73	0	1,112	504	0	607
119+00	50	116.6	25.9	0.0	160	54	0	1,272	558	0	714
119+50	50	7.7	9.1	0.0	115	32	0	1,387	591	0	796
119+79	29	7.7	9.1	0.0	8	10	0	1,395	600	0	795
120+91		4.9	0.0	0.0							
121+00	9	4.9	0.0	0.0	2	0	0	1,397	600	0	797
121+45	45	4.9	0.0	0.0	8	0	0	1,405	600	0	805
123+83		11.0	6.9	0.0							
124+00	17	11.0	6.9	0.0	7	4	0	1,412	605	0	807
124+50	50	11.0	4.9	0.0	20	11	0	1,432	616	0	817
125+00	50	4.3	8.5	0.0	14	12	0	1,446	628	0	818
125+50	50	0.8	7.8	0.0	5	15	0	1,451	643	0	808
126+00	50	22.9	8.6	0.0	22	15	0	1,473	658	0	815
126+50	50	29.1	8.6	0.0	48	16	0	1,521	674	0	847
127+00	50	33.4	7.6	0.0	58	15	0	1,579	689	0	890
127+50	50	35.3	7.2	0.0	64	14	0	1,643	703	0	940
128+00	50	38.4	7.2	0.0	68	13	0	1,711	716	0	995
128+50	50	49.8	5.4	0.0	82	12	0	1,792	728	0	1,065
129+00	50	58.7	0.0	0.0	100	5	0	1,893	733	0	1,160
129+41	41	58.7	0.0	0.0	89	0	0	1,982	733	0	1,249
136+84		13.4	0.6	0.0							
137+00	16	13.4	0.6	0.0	8	0	0	1,990	733	0	1,257
137+50	50	21.4	6.3	0.0	32	6	0	2,022	739	0	1,283
138+00	50	24.4	0.0	0.0	42	6	0	2,065	745	0	1,319
138+50	50	24.5	0.0	0.0	45	0	0	2,110	745	0	1,365
139+00	50	24.4	0.0	0.0	45	0	0	2,155	745	0	1,410
139+50	50	23.5	0.7	0.0	44	1	0	2,199	746	0	1,454
139+71	21	23.5	0.7	0.0	18	1	0	2,218	746	0	1,471
				Column totals	1,931	746	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 5-1-5/CAT. 1000 (STA 961+89'CD' - 963+34'CD'): STAGE 5, PHASE 1 CONSTRUCTION - STH 26 SOUTHBOUND OFF-RAMP 'CD'

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
961+89		43.1	6.6	0.0							
962+00	11	43.1	6.6	0.0	18	3	0	18	3	0	15
962+50	50	32.2	0.0	0.0	70	6	0	87	9	0	79
962+92	42	101.0	0.0	0.0	104	0	0	191	9	0	182
963+00	8	79.8	0.0	0.0	27	0	0	218	9	0	209
963+34	34	79.8	0.0	0.0	100	0	0	318	9	0	309
				Column totals	318	9	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 5-1-6/CAT. 1000 (STA 962+40'CDA' - 964+00'CDA'): STAGE 5, PHASE 1 CONSTRUCTION - STH 26 SOUTHBOUND OFF-RAMP 'CDA'

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
962+40		12.4	0.9	0.0							
962+50	10	12.4	0.9	0.0	5	0	0	5	0	0	4
963+00	50	80.7	0.0	0.0	86	1	0	91	1	0	90
963+50	50	42.9	0.0	0.0	114	0	0	205	1	0	204
963+70	20	23.8	0.8	0.0	25	0	0	230	1	0	228
964+00	30	21.3	2.8	0.0	25	2	0	255	3	0	251
				Column totals	255	3	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

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DIVISION 5-1-8/CAT. 1000 (STA 100+66'CW' - 139+49'CW'): STAGE 5, PHASE 1 CONSTRUCTION - STH 26 WESTBOUND 'CW'

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
100+66		7.8	3.0	0.0							
101+00	34	7.8	3.0	0.0	10	4	0	10	4	0	6
101+50	50	8.1	2.4	0.0	15	5	0	25	9	0	16
102+00	50	8.8	1.2	0.0	16	3	0	40	12	0	28
102+50	50	8.5	1.4	0.0	16	2	0	56	14	0	42
103+00	50	11.5	1.4	0.0	18	3	0	75	17	0	58
103+50	50	12.6	3.6	0.0	22	5	0	97	22	0	75
104+00	50	13.3	4.9	0.0	24	8	0	121	29	0	92
104+50	50	13.0	12.3	0.0	24	16	0	145	45	0	100
105+00	50	12.7	17.6	0.0	24	28	0	169	73	0	96
105+50	50	12.4	17.9	0.0	23	33	0	192	106	0	87
106+00	50	144.8	19.9	0.0	146	35	0	338	141	0	197
106+50	50	11.1	24.9	0.0	144	41	0	482	182	0	300
107+00	50	41.5	48.8	0.0	49	68	0	531	250	0	281
107+50	50	23.2	8.4	0.0	60	53	0	591	303	0	288
108+00	50	21.5	0.0	0.0	41	8	0	632	311	0	321
108+50	50	11.0	38.1	0.0	30	35	0	663	346	0	316
108+53	3	11.0	38.1	0.0	1	4	0	664	351	0	313
109+86		0.2	14.5	0.0							
110+00	14	0.2	14.5	0.0	0	7	0	664	358	0	306
110+50	50	0.8	51.1	0.0	1	61	0	665	419	0	246
111+00	50	8.8	78.0	0.0	9	120	0	674	538	0	135
111+50	50	6.7	80.2	0.0	14	146	0	688	685	0	3
112+00	50	3.1	69.3	0.0	9	138	0	697	823	0	-126
112+50	50	2.1	55.4	0.0	5	115	0	702	939	0	-237
113+00	50	2.1	43.0	0.0	4	91	0	706	1,030	0	-324
113+50	50	0.0	39.1	0.0	2	76	0	708	1,106	0	-398
114+00	50	0.0	39.5	0.0	0	73	0	708	1,179	0	-471
114+50	50	0.0	40.5	0.0	0	74	0	708	1,253	0	-545
115+00	50	0.0	44.4	0.0	0	79	0	708	1,331	0	-623
115+50	50	0.0	51.1	0.0	0	88	0	708	1,419	0	-712
116+00	50	0.0	61.2	0.0	0	104	0	708	1,523	0	-816
116+50	50	0.8	0.8	0.0	1	57	0	708	1,581	0	-872
117+00	50	2.9	104.2	0.0	3	97	0	712	1,678	0	-966
117+50	50	6.3	104.1	0.0	8	193	0	720	1,871	0	-1,151
118+00	50	5.4	81.8	0.0	11	172	0	731	2,043	0	-1,312
118+50	50	2.1	105.4	0.0	7	173	0	738	2,216	0	-1,478
119+00	50	3.3	5.9	0.0	5	103	0	743	2,320	0	-1,576
119+04	4	3.3	5.9	0.0	0	1	0	744	2,320	0	-1,577

DIVISION 5-1-8/CAT. 1000 (STA 96+55'CW' - 139+49'CW'): STAGE 5 CONSTRUCTION - STH 26 WESTBOUND 'CW' (CONTINUED)

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
119+97		10.8	66.7	0.0							
120+00	3	10.8	66.7	0.0	1	7	0	745	2,328	0	-1,583
120+50	50	8.3	30.2	0.0	18	90	0	763	2,418	0	-1,655
121+00	50	17.7	22.3	0.0	24	49	0	787	2,466	0	-1,680
121+50	50	11.9	47.5	0.0	27	65	0	814	2,531	0	-1,717
122+00	50	2.5	60.8	0.0	13	100	0	827	2,631	0	-1,804
122+50	50	3.8	69.5	0.0	6	121	0	833	2,752	0	-1,919
123+00	50	0.0	0.0	0.0	3	64	0	837	2,816	0	-1,979
123+50	50	3.7	56.1	0.0	3	52	0	840	2,868	0	-2,028
124+00	50	4.0	50.4	0.0	7	99	0	847	2,967	0	-2,119
124+50	50	4.6	39.6	0.0	8	83	0	855	3,050	0	-2,195
125+00	50	10.6	29.3	0.0	14	64	0	869	3,114	0	-2,244
125+50	50	16.4	19.7	0.0	25	45	0	894	3,159	0	-2,265
126+00	50	13.4	7.5	0.0	28	25	0	922	3,184	0	-2,262
126+50	50	13.1	7.6	0.0	25	14	0	946	3,198	0	-2,252
127+00	50	13.1	7.3	0.0	24	14	0	971	3,212	0	-2,241
127+50	50	13.1	7.2	0.0	24	13	0	995	3,225	0	-2,230
128+00	50	13.3	7.2	0.0	24	13	0	1,019	3,239	0	-2,219
128+50	50	10.2	6.8	0.0	22	13	0	1,041	3,252	0	-2,210
129+00	50	45.0	6.3	0.0	51	12	0	1,092	3,264	0	-2,171
129+43	43	45.0	6.3	0.0	72	10	0	1,164	3,274	0	-2,110
130+29		25.5	0.0	0.0							
130+50	21	25.5	0.0	0.0	20	0	0	1,184	3,274	0	-2,090
131+00	50	25.3	0.6	0.0	47	1	0	1,231	3,274	0	-2,043
131+50	50	25.2	0.7	0.0	47	1	0	1,278	3,276	0	-1,998
132+00	50	24.8	0.8	0.0	46	1	0	1,324	3,277	0	-1,953
132+50	50	24.1	0.8	0.0	45	1	0	1,369	3,278	0	-1,909
133+00	50	23.5	1.0	0.0	44	2	0	1,413	3,280	0	-1,867
133+50	50	31.4	2.1	0.0	51	3	0	1,464	3,283	0	-1,819
134+00	50	26.7	2.5	0.0	54	4	0	1,518	3,287	0	-1,769
134+50	50	4.9	7.5	0.0	29	9	0	1,547	3,297	0	-1,749
135+00	50	41.4	12.0	0.0	43	18	0	1,590	3,315	0	-1,725
135+50	50	32.3	8.8	0.0	68	19	0	1,658	3,334	0	-1,676
136+00	50	25.4	3.4	0.0	53	11	0	1,712	3,345	0	-1,633
136+50	50	25.3	8.4	0.0	47	11	0	1,759	3,356	0	-1,597
137+00	50	28.5	2.0	0.0	50	10	0	1,809	3,366	0	-1,557
137+50	50	33.6	1.7	0.0	57	3	0	1,866	3,369	0	-1,503
138+00	50	25.2	7.1	0.0	54	8	0	1,921	3,377	0	-1,457
138+50	50	25.3	7.5	0.0	47	14	0	1,967	3,391	0	-1,424
139+00	50	25.4	7.6	0.0	47	14	0	2,014	3,405	0	-1,391
139+49	49	25.4	7.6	0.0	46	14	0	2,060	3,419	0	-1,358
				Column totals	2,060	3,419	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

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DIVISION 5-1-9/CAT. 1000 (STA 20+00'RYM' - 21+96'RYM'): STAGE 5, PHASE 1 CONSTRUCTION - RYAN ROAD CUL DE SAC 'RYM'

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
20+00		71.1	0.0	0.0							
20+50	50	100.4	0.0	0.0	159	0	0	159	0	0	159
21+00	50	212.4	0.0	0.0	290	0	0	448	0	0	448
21+50	50	293.4	0.0	0.0	468	0	0	917	0	0	917
21+96	46	293.4	0.0	0.0	500	0	0	1,417	0	0	1,417
				Column totals	1,417	0	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 5-1-10/CAT. 1000 (STA 2+15'DSS' - 3+41'DSS'): STAGE 5, PHASE 1 CONSTRUCTION - STH 26 SOUTHBOUND OFF-RAMP SIDEWALK 'DSS'

STATION	Distance	Area Cut (SF)	Area Fill (SF)	Area EBS (SF)	Incremental Volume Cut Note 1 (CY)	Incremental Volume Fill Note 2 (CY)	Incremental Volume EBS Note 3 (CY)	Cumulative Vol (CY) Cut 1.00 Note 4	Cumulative Vol (CY) Fill 1.00 Note 5	Cumulative Vol (CY) EBS 1.00	Mass Ordinate Note 6
2+15		9.6	0.0	0.0							
2+25	10	9.6	0.0	0.0	4	0	0	4	0	0	4
2+50	25	45.0	0.0	0.0	25	0	0	29	0	0	29
2+75	25	47.0	0.0	0.0	43	0	0	71	0	0	71
3+00	25	39.8	0.0	0.0	40	0	0	112	0	0	112
3+25	25	22.8	0.0	0.0	29	0	0	141	0	0	141
3+41	16	22.8	0.0	0.0	14	0	0	154	0	0	154
				Column totals	154	0	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 5-1-11/CAT. 1000 (STA 2+25'DNP' - 3+63'DNP'): STAGE 5, PHASE 1 CONSTRUCTION - STH 26 NORTHBOUND ON-RAMP PATH 'DNP'											
		Area			Incremental Volume			Cumulative Vol (CY)			
STATION	Distance	Cut (SF)	Fill (SF)	EBS (SF)	Cut Note 1 (CY)	Fill Note 2 (CY)	EBS Note 3 (CY)	Cut 1.00 Note 4	Fill 1.00 Note 5	EBS 1.00	Mass Ordinate Note 6
2+25		13.8	0.0	0.0							
2+50	25	169.6	0.0	0.0	85	0	0	85	0	0	85
2+75	25	99.7	0.0	0.0	125	0	0	210	0	0	210
3+00	25	54.7	0.0	0.0	71	0	0	281	0	0	281
3+25	25	32.0	0.0	0.0	40	0	0	321	0	0	321
3+50	25	20.2	0.0	0.0	24	0	0	345	0	0	345
3+63	13	20.2	0.0	0.0	10	0	0	355	0	0	355
				Column totals	355	0	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 5-1-12/CAT. 1000 (STA 85+39'TAC' - 86+64'TAC'): STAGE 5, PHASE 1 CONSTRUCTION - MAINTENANCE CROSSOVER 'TAC'											
		Area			Incremental Volume			Cumulative Vol (CY)			
STATION	Distance	Cut (SF)	Fill (SF)	EBS (SF)	Cut Note 1 (CY)	Fill Note 2 (CY)	EBS Note 3 (CY)	Cut 1.00 Note 4	Fill 1.00 Note 5	EBS 1.00	Mass Ordinate Note 6
85+39		177.2	0.0	0.0							
86+00	61	177.2	0.0	0.0	400	0	0	400	0	0	400
86+64	64	177.2	0.0	0.0	420	0	0	820	0	0	820
				Column totals	820	0	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 5-2-1/CAT. 1000 (STA 60+48'KT' - 67+80'KT'): STAGE 5, PHASE 2 CONSTRUCTION - KETTERING STREET 'KT'											
		Area			Incremental Volume			Cumulative Vol (CY)			
STATION	Distance	Cut (SF)	Fill (SF)	EBS (SF)	Cut Note 1 (CY)	Fill Note 2 (CY)	EBS Note 3 (CY)	Cut 1.00 Note 4	Fill 1.00 Note 5	EBS 1.00	Mass Ordinate Note 6
60+48		9.9	0.0	0.0							
60+50	2	9.9	0.0	0.0	1	0	0	1	0	0	1
61+00	50	15.7	2.5	0.0	24	2	0	24	2	0	22
61+50	50	13.0	3.6	0.0	27	6	0	51	8	0	43
61+93	43	13.0	3.6	0.0	21	6	0	72	14	0	58
65+44		33.2	1.2	0.0							
65+50	6	33.2	1.2	0.0	7	0	0	7	0	0	7
66+00	50	33.7	0.0	0.0	62	1	0	69	1	0	68
66+50	50	33.4	0.7	0.0	62	1	0	131	2	0	129
67+00	50	33.5	0.5	0.0	62	1	0	193	3	0	190
67+50	50	33.4	0.5	0.0	62	1	0	255	4	0	251
67+80	30	33.4	0.5	0.0	37	1	0	292	5	0	288
				Column totals	364	18	0				

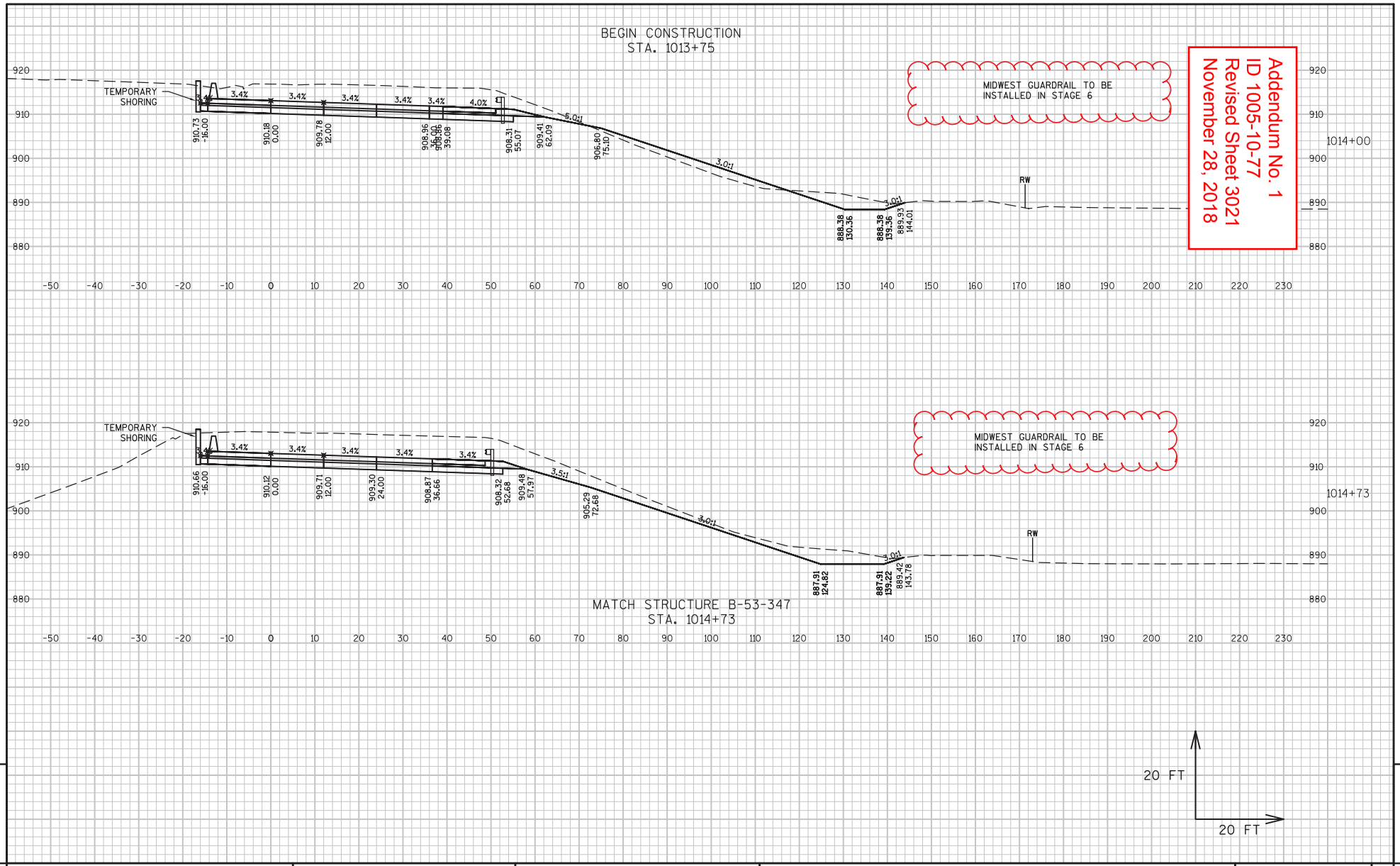
Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

DIVISION 6-1/CAT. 1000 (STA 1042+00 - 1058+50): STAGE 6 CONSTRUCTION - IH 39/90 NORTHBOUND											
		Area			Incremental Volume			Cumulative Vol (CY)			
STATION	Distance	Cut (SF)	Fill (SF)	EBS (SF)	Cut Note 1 (CY)	Fill Note 2 (CY)	EBS Note 3 (CY)	Cut 1.00 Note 4	Fill 1.00 Note 5	EBS 1.00	Mass Ordinate Note 6
1042+00		1.6	0.0	0.0							
1043+00	100	2.7	5.0	0.0	8	9	0	8	9	0	-1
1044+00	100	2.7	9.4	0.0	10	27	0	18	36	0	-18
1045+00	100	7.5	0.9	0.0	19	19	0	37	55	0	-18
1046+00	100	15.2	0.0	0.0	42	2	0	79	57	0	22
1047+00	100	24.2	0.0	0.0	73	0	0	152	57	0	95
1048+00	100	31.0	0.0	0.0	102	0	0	254	57	0	198
1049+00	100	31.8	0.0	0.0	116	0	0	371	57	0	314
1050+00	100	43.1	0.0	0.0	139	0	0	509	57	0	453
1051+00	100	44.6	0.0	0.0	162	0	0	672	57	0	615
1052+00	100	39.9	0.0	0.0	156	0	0	828	57	0	771
1053+00	100	31.7	0.0	0.0	133	0	0	961	57	0	904
1054+00	100	16.4	1.7	0.0	89	3	0	1,050	60	0	990
1055+00	100	8.9	6.4	0.0	47	15	0	1,096	75	0	1,022
1056+00	100	4.5	12.8	0.0	25	36	0	1,121	110	0	1,011
1057+00	100	1.8	24.6	0.0	12	69	0	1,133	180	0	954
1058+00	100	0.7	37.6	0.0	5	115	0	1,138	295	0	843
1058+50	50	0.7	37.6	0.0	1	70	0	1,139	364	0	775
				Column totals	1,139	364	0				

Notes:
1 - Cut: Cut includes Salvaged/Unusable Pavement Material
2 - Fill: Does not include Unusable Pavement Excavation volume
3 - EBS:
- EBS volumes are based on the data found in the Soil Boring and Median Test Pit Logs
- Assumed that EBS excavation starts at 6" (depth of topsoil) below existing ground.
4 - Cut: Cut includes Salvaged/Unusable Pavement Material
5 - Fill: Does not include Unusable Pavement Excavation volume
6 - Mass Ordinate: [Cut - Fill] (Not Fill Factor Adjusted)

Addendum No. 1
ID 1005-10-77
Added Sheet 3012A
November 28, 2018

9



Addendum No. 1
ID 1005-10-77
Revised Sheet 3021
November 28, 2018

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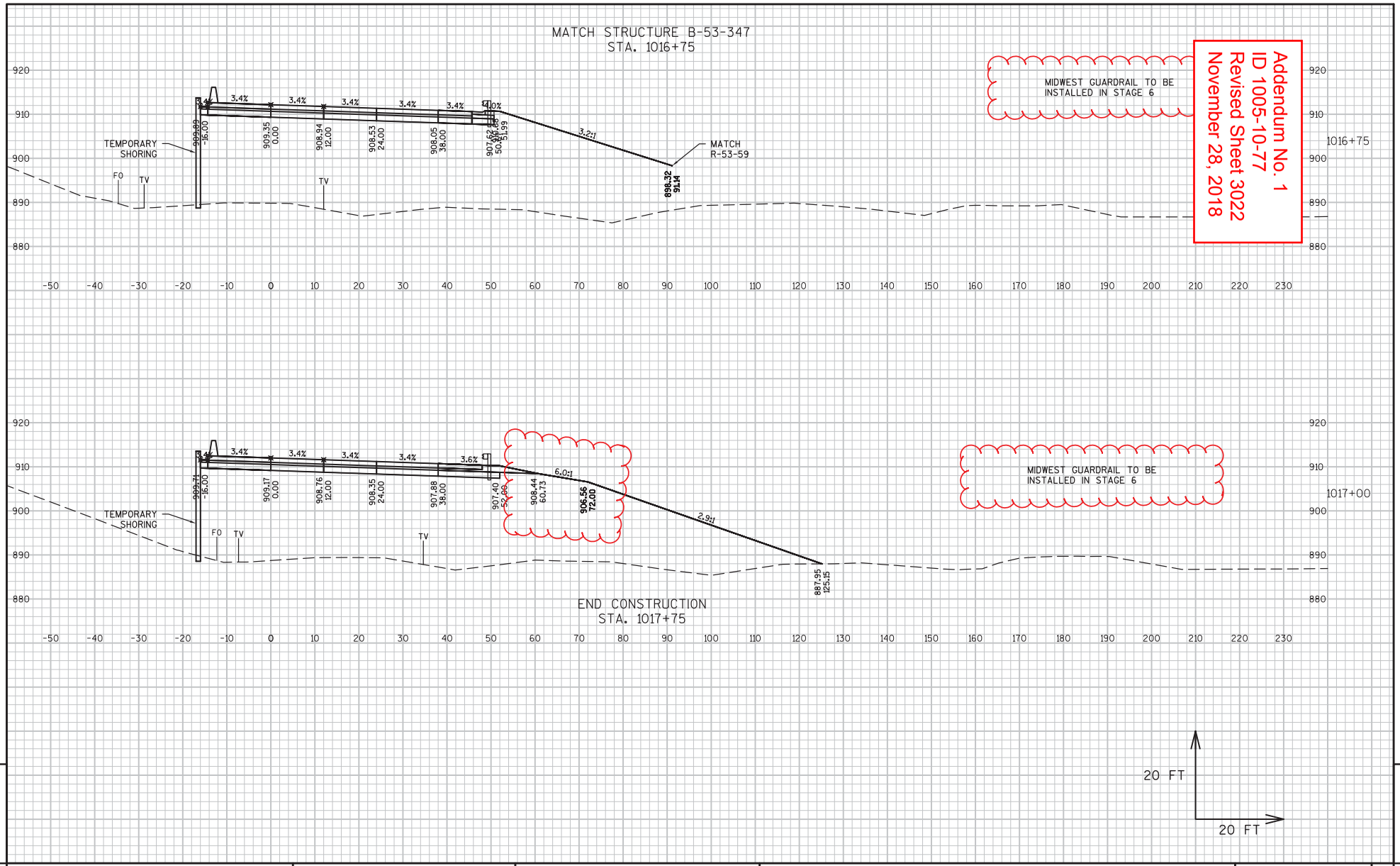
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1	SHEET 3021	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1.DWG
LAYOUT NAME - NB (22)
PLOT DATE : 11/9/2018 1:24 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT



Addendum No. 1
ID 1005-10-77
Revised Sheet 3022
November 28, 2018

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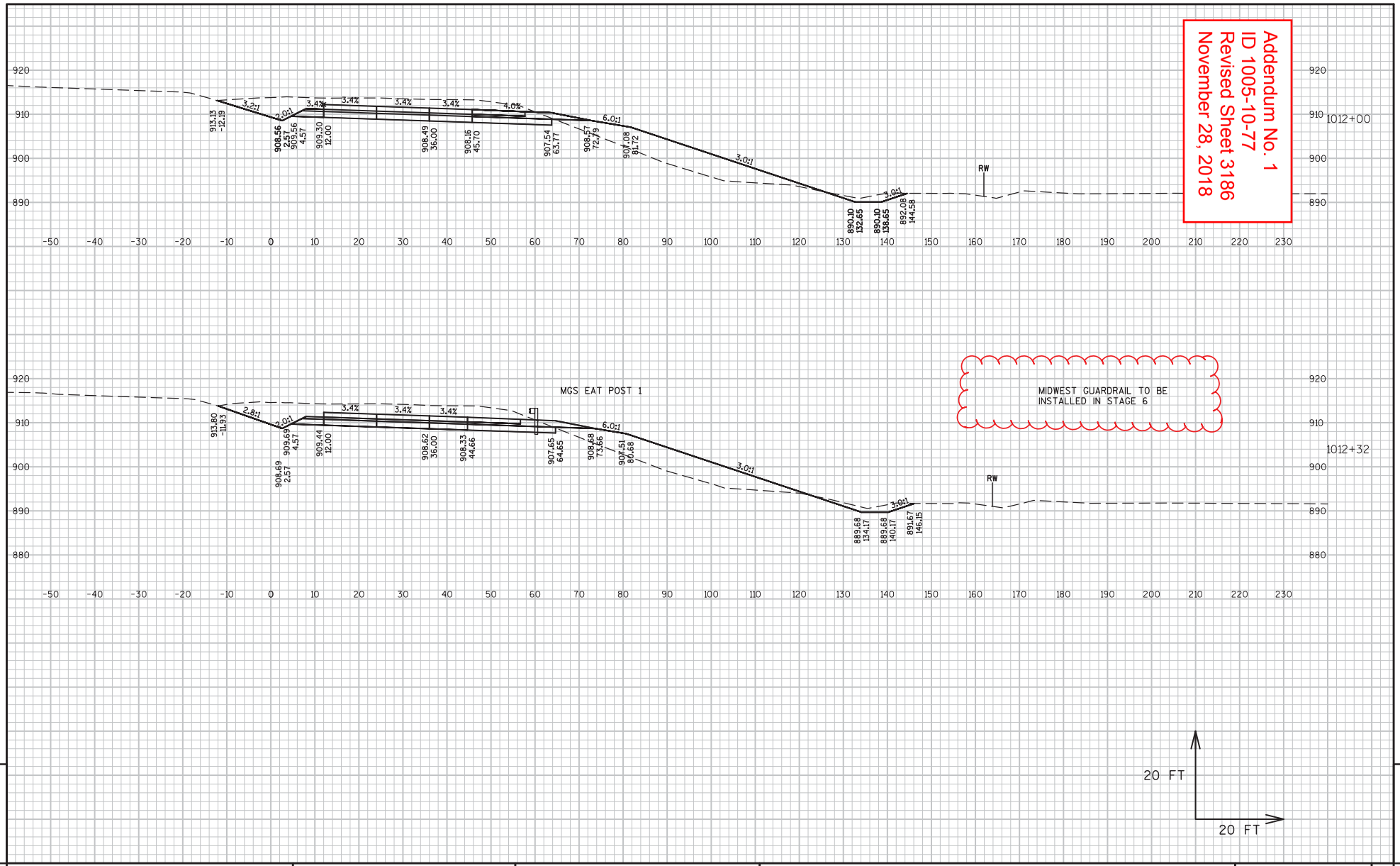
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1	SHEET 3022	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1.DWG
LAYOUT NAME - NB (23)
PLOT DATE : 11/9/2018 1:25 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

Addendum No. 1
ID 1005-10-77
Revised Sheet 3186
November 28, 2018



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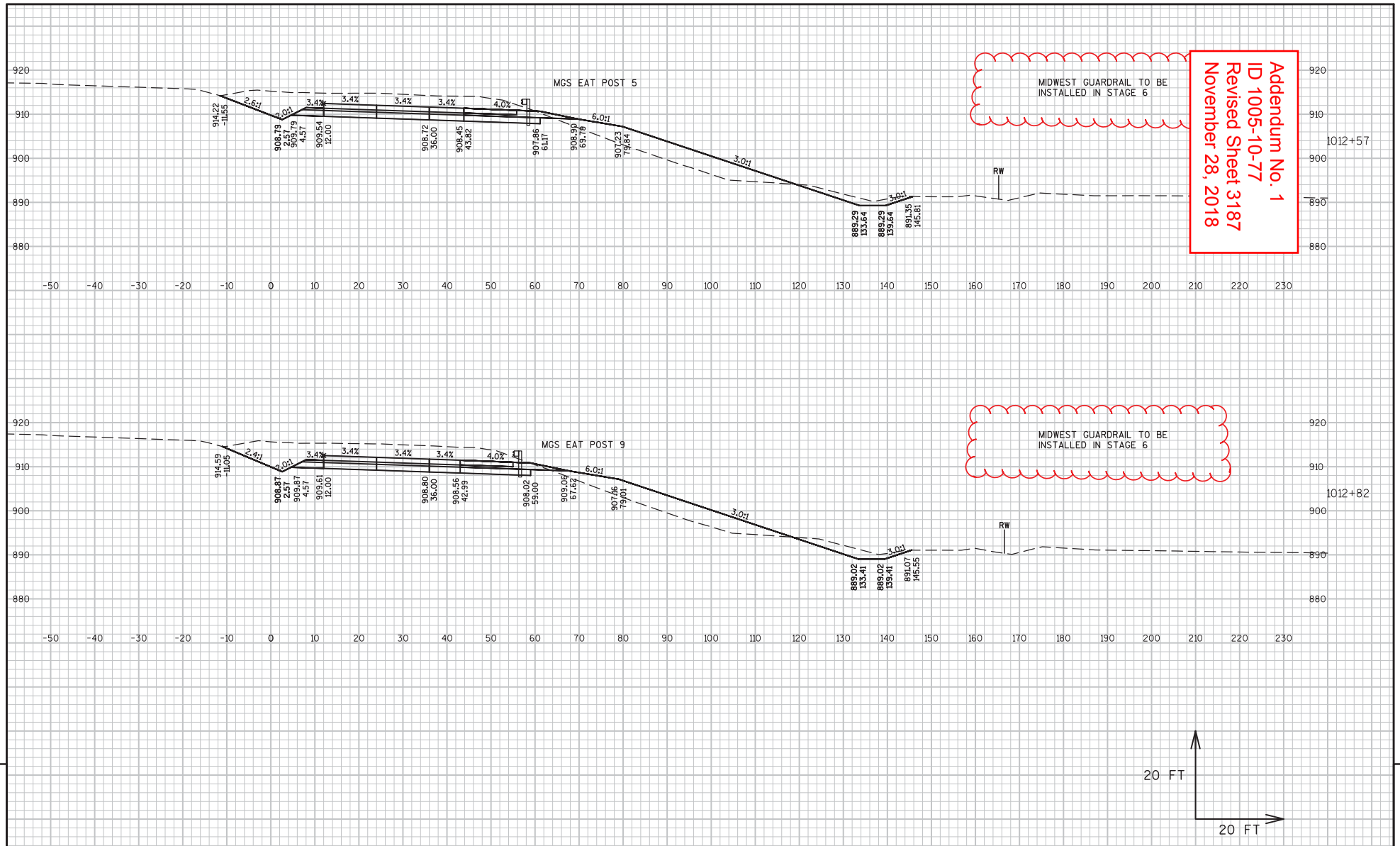
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1-4	SHEET 3186	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1-2.4.DWG PLOT DATE : 11/9/2018 1:30 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT
LAYOUT NAME - NB (46)

WISDOT/CADDS SHEET 49

Addendum No. 1
ID 1005-10-77
Revised Sheet 3187
November 28, 2018



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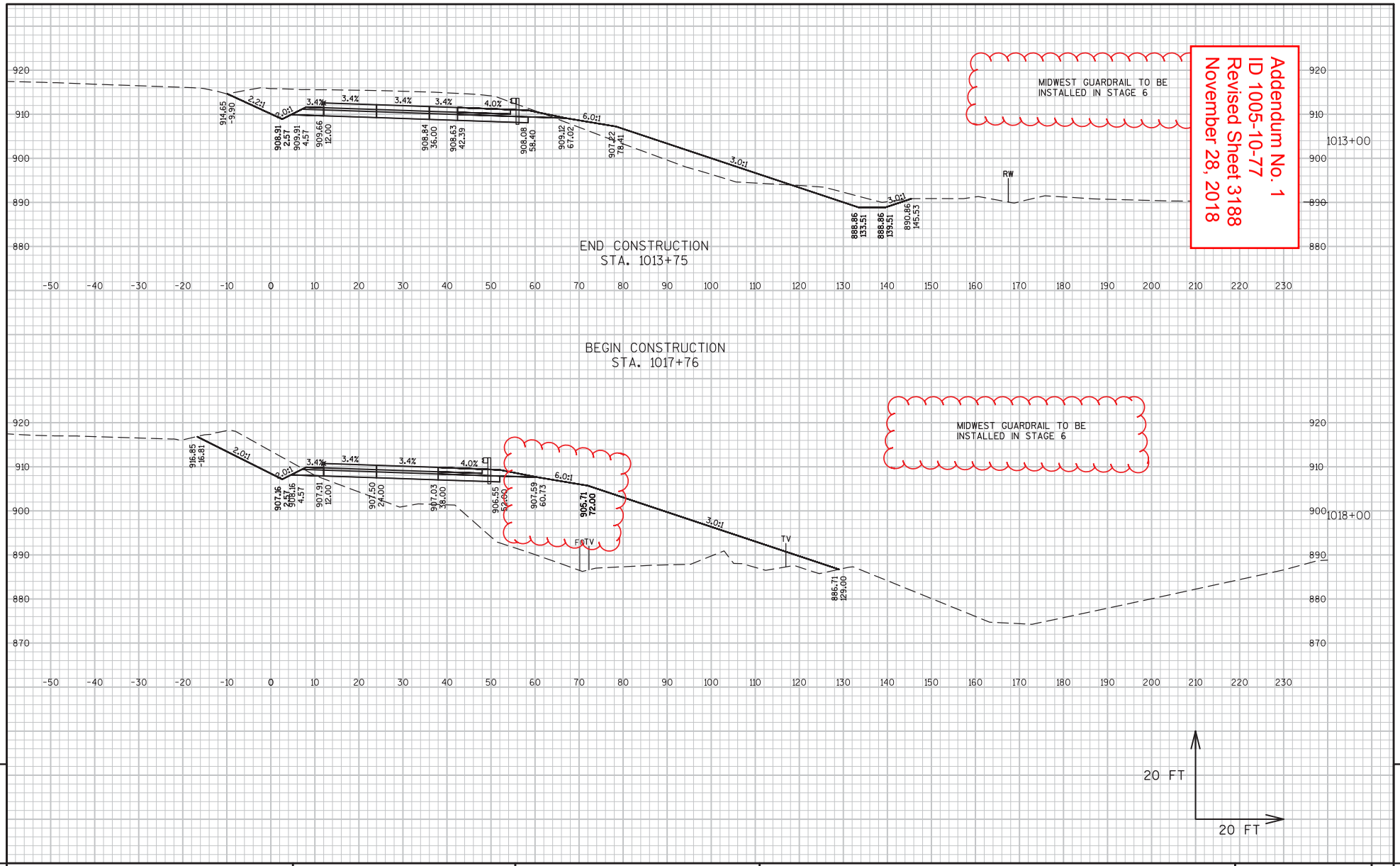
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1-4	SHEET 3187	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1-2.4.DWG
LAYOUT NAME - NB (47)
PLOT DATE : 11/9/2018 1:30 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

Addendum No. 1
ID 1005-10-77
Revised Sheet 3188
November 28, 2018



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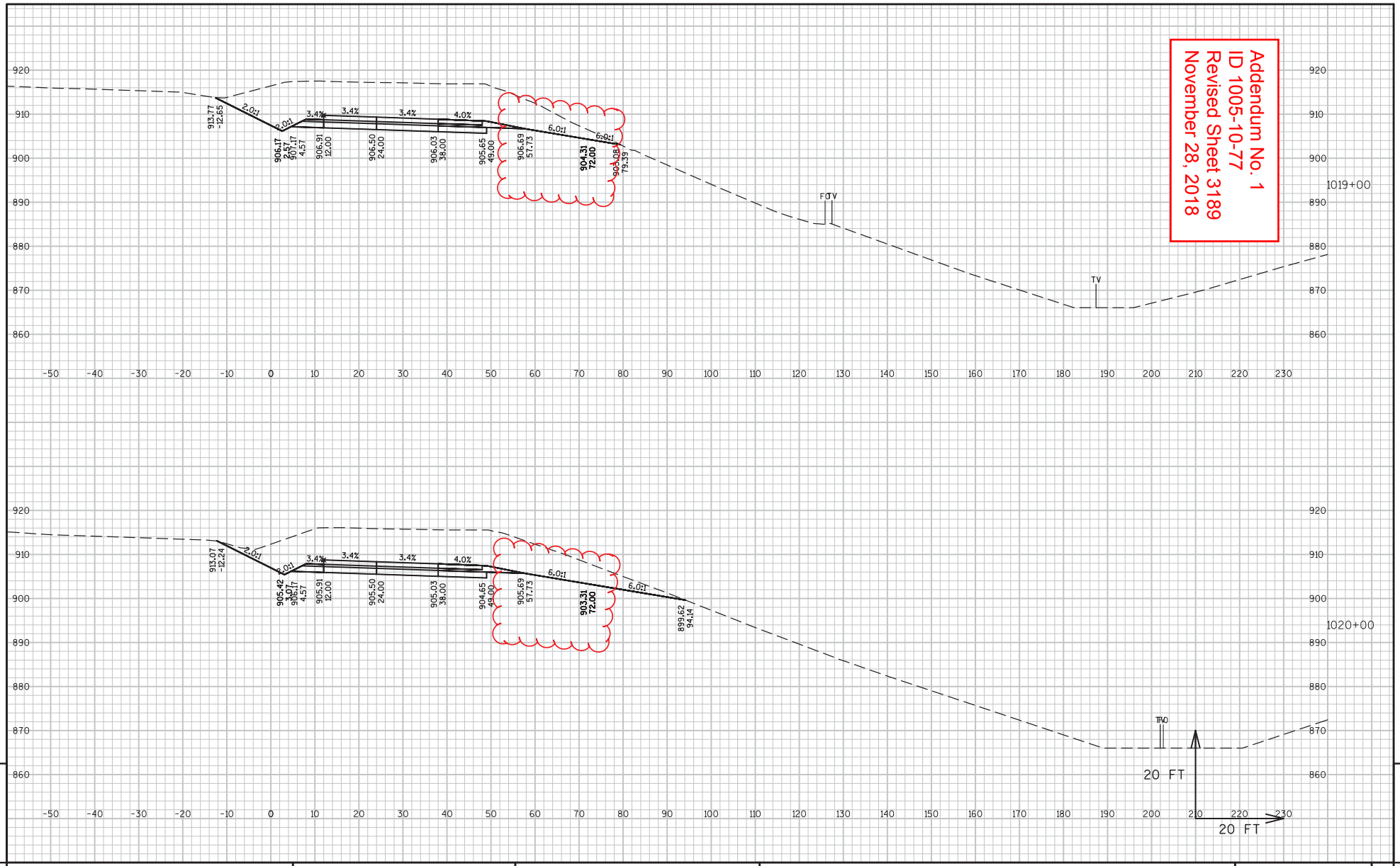
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1-4	SHEET 3188	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1-2.4.DWG
LAYOUT NAME - NB(48)
PLOT DATE : 11/9/2018 1:31 PM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

Addendum No. 1
ID 1005-10-77
Revised Sheet 3189
November 28, 2018



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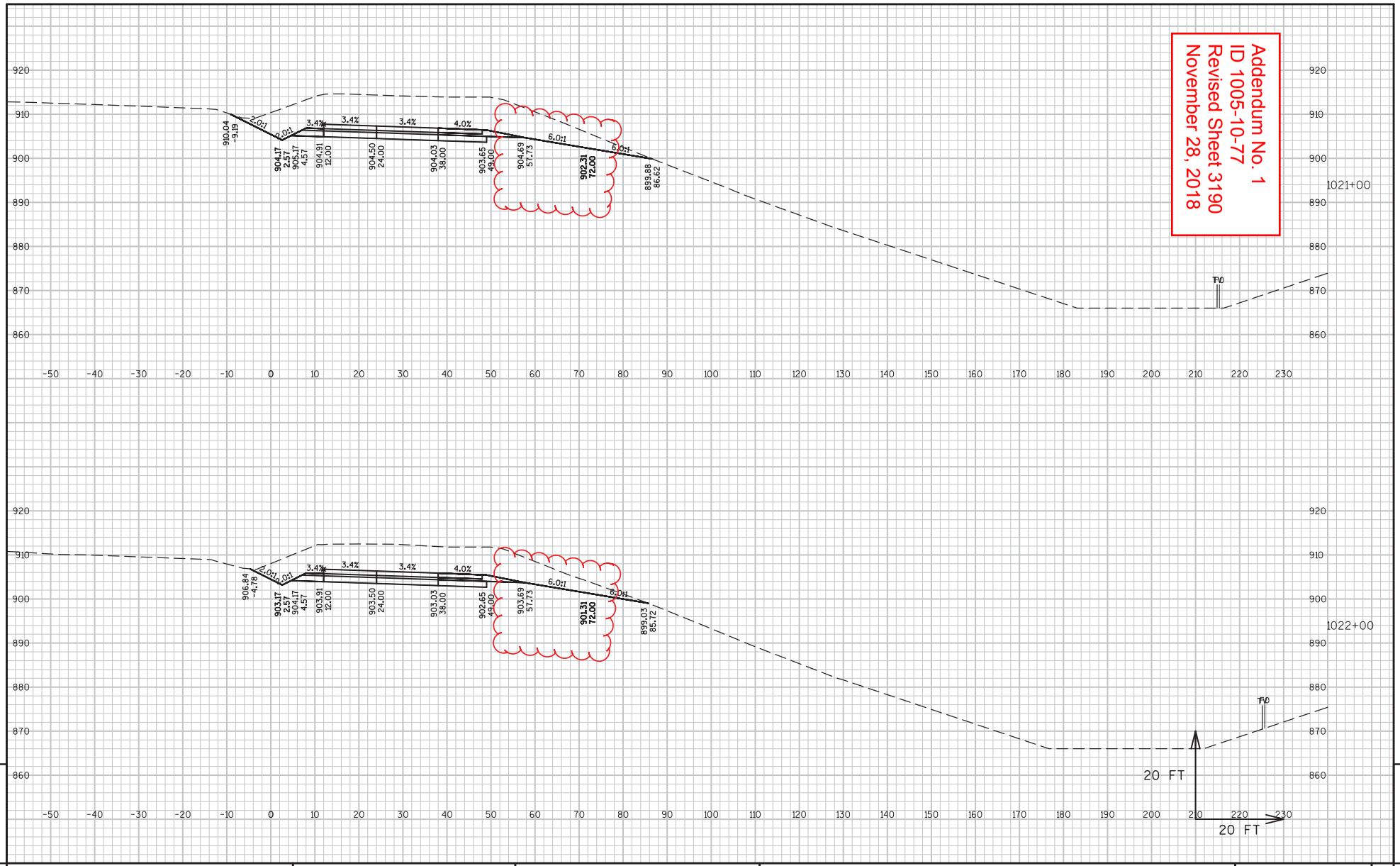
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1-4	SHEET 3189	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1-2.4.DWG
LAYOUT NAME - NB (49)
PLOT DATE : 11/1/2018 8:00 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

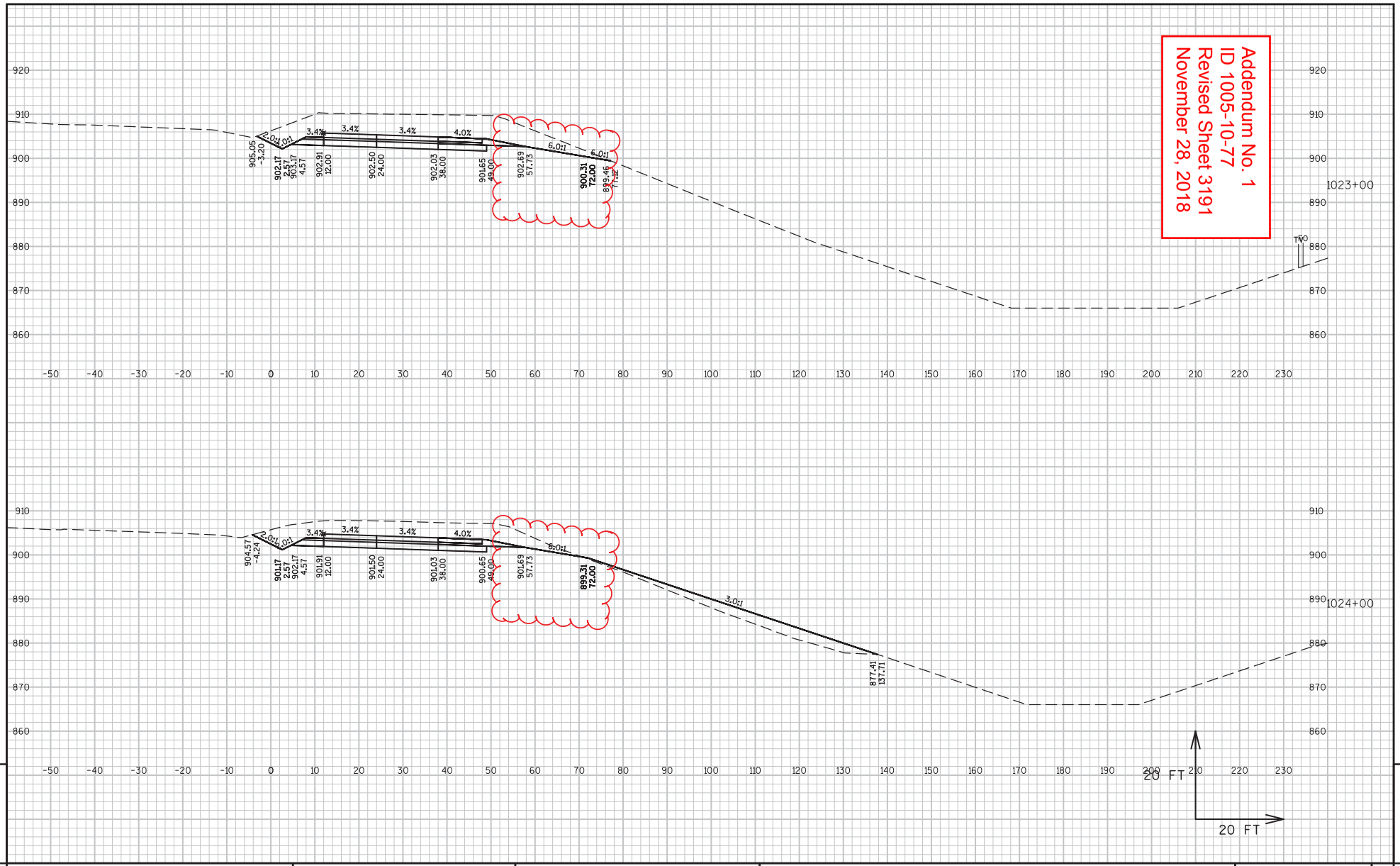
Addendum No. 1
ID 1005-10-77
Revised Sheet 3190
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1-4	SHEET 3190	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1-2.4.DWG
LAYOUT NAME - NB (50)
PLOT DATE : 11/1/2018 8:00 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

Addendum No. 1
ID 1005-10-77
Revised Sheet 3191
November 28, 2018



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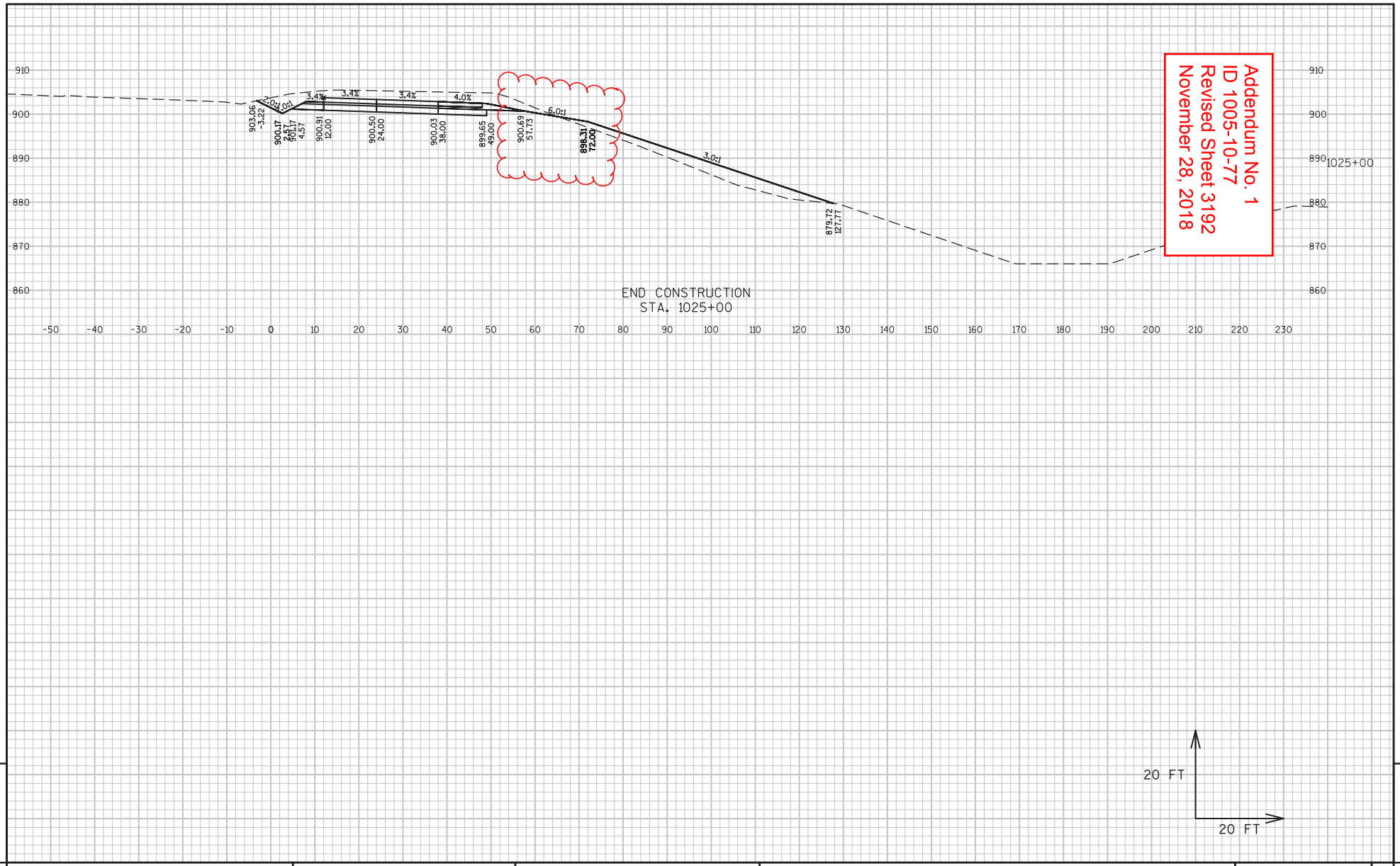
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1-4	SHEET 3191	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1-2.4.DWG
LAYOUT NAME - NB (51)
PLOT DATE : 11/1/2018 8:00 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



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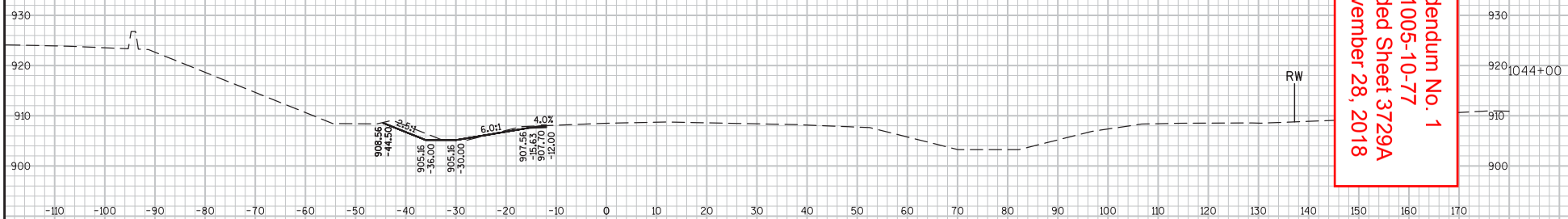
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 2, PHASE 1-4	SHEET 3192	E

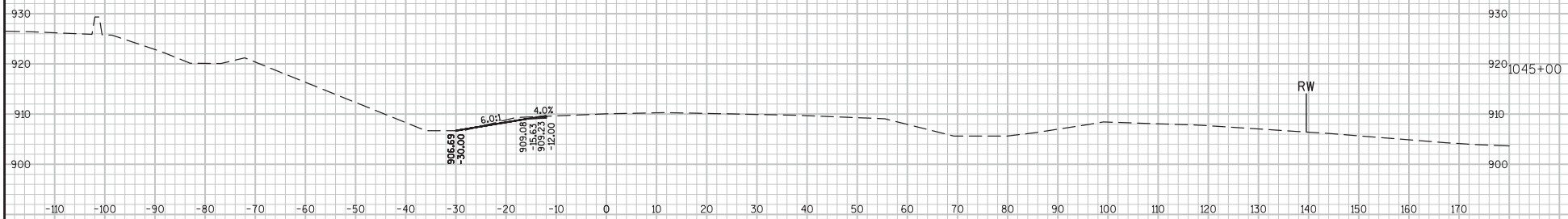
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT2_NORTH JANESVILLE\SHEETSPLAN\CROSS SECTIONS\PSE\090101_NB_2.1-2.4.DWG
LAYOUT NAME - NB (52)
PLOT DATE : 11/1/2018 8:00 AM PLOT BY : KL ENGINEERING PLOT NAME : PLOT SCALE : 1 IN:20 FT

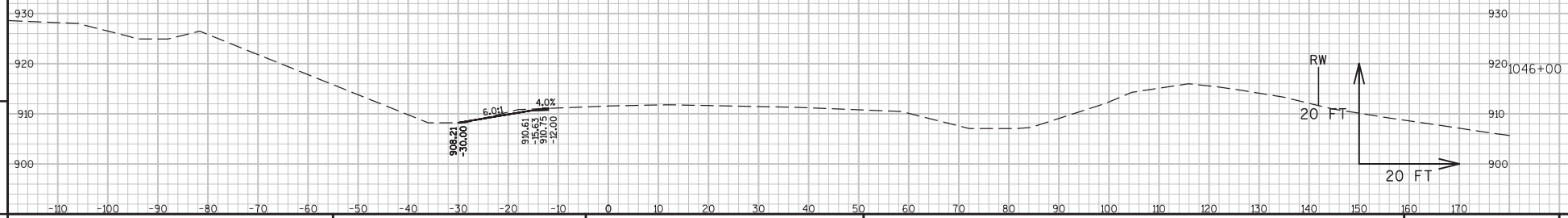
WISDOT/CADDS SHEET 49

Addendum No. 1
ID 1005-10-77
Added Sheet 3729A
November 28, 2018

BEGIN CONSTRUCTION STA. 1043+00







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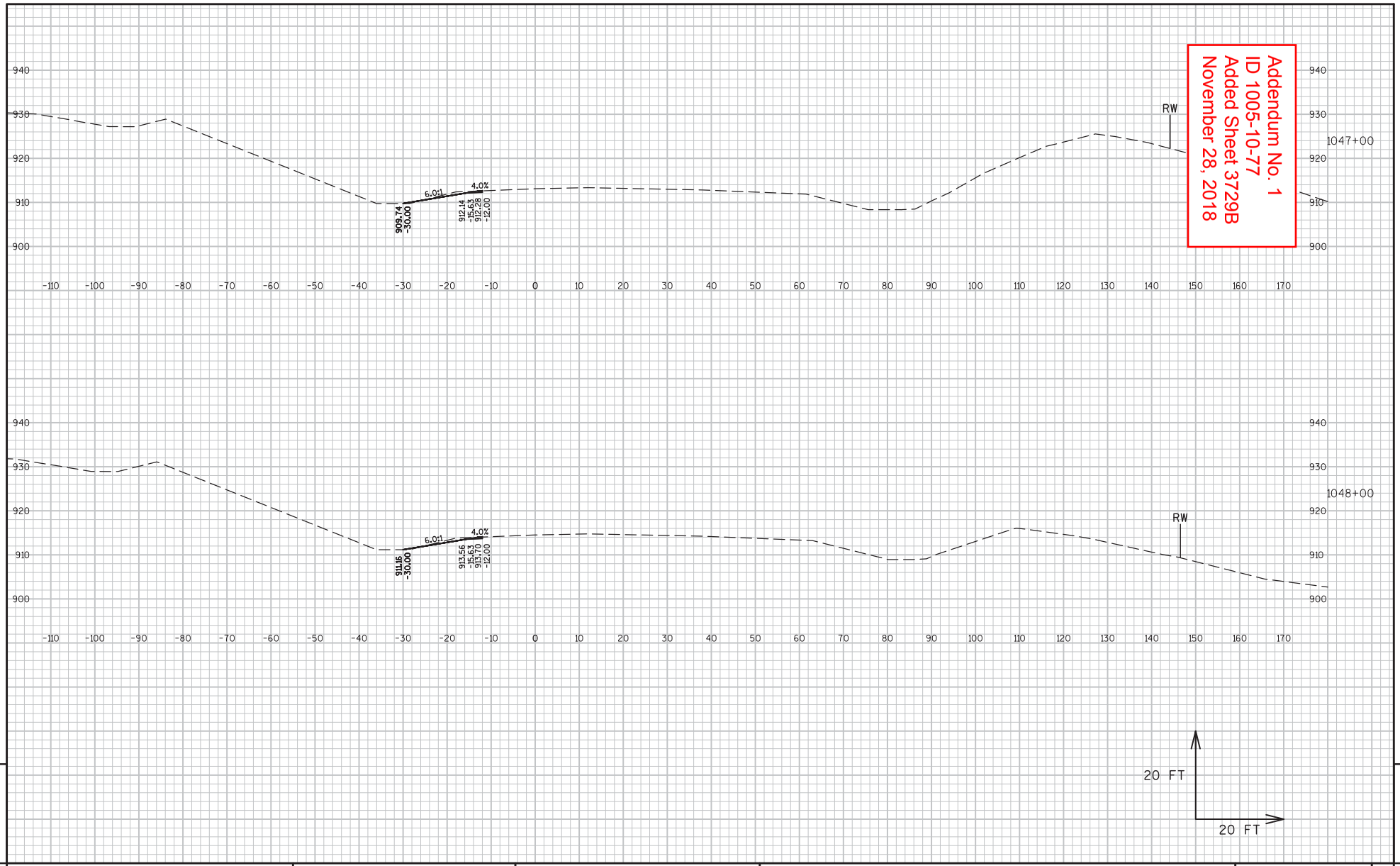
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729A	E

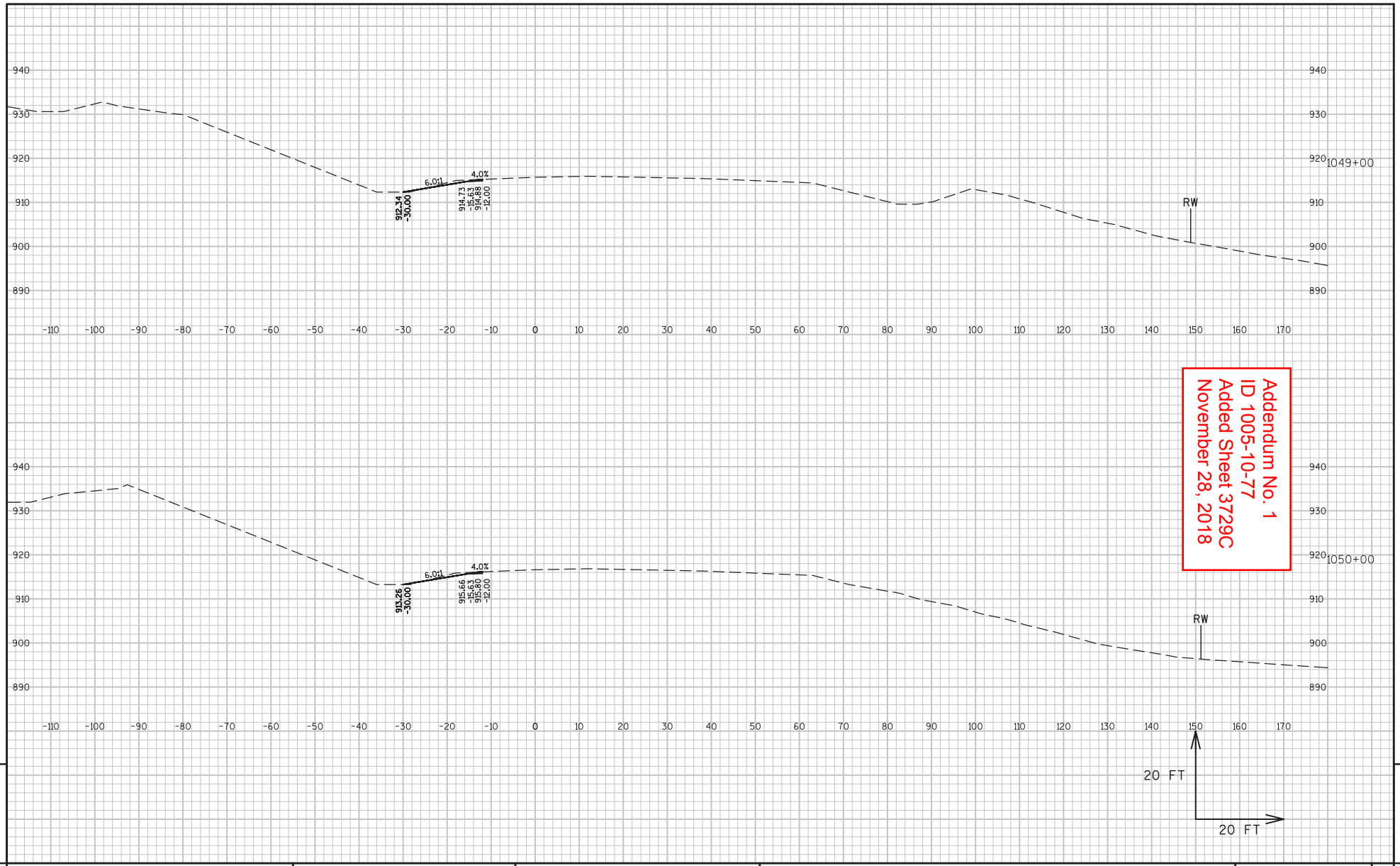
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (21)

Addendum No. 1
ID 1005-10-77
Added Sheet 3729B
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (22)



Addendum No. 1
ID 1005-10-77
Added Sheet 3729C
November 28, 2018

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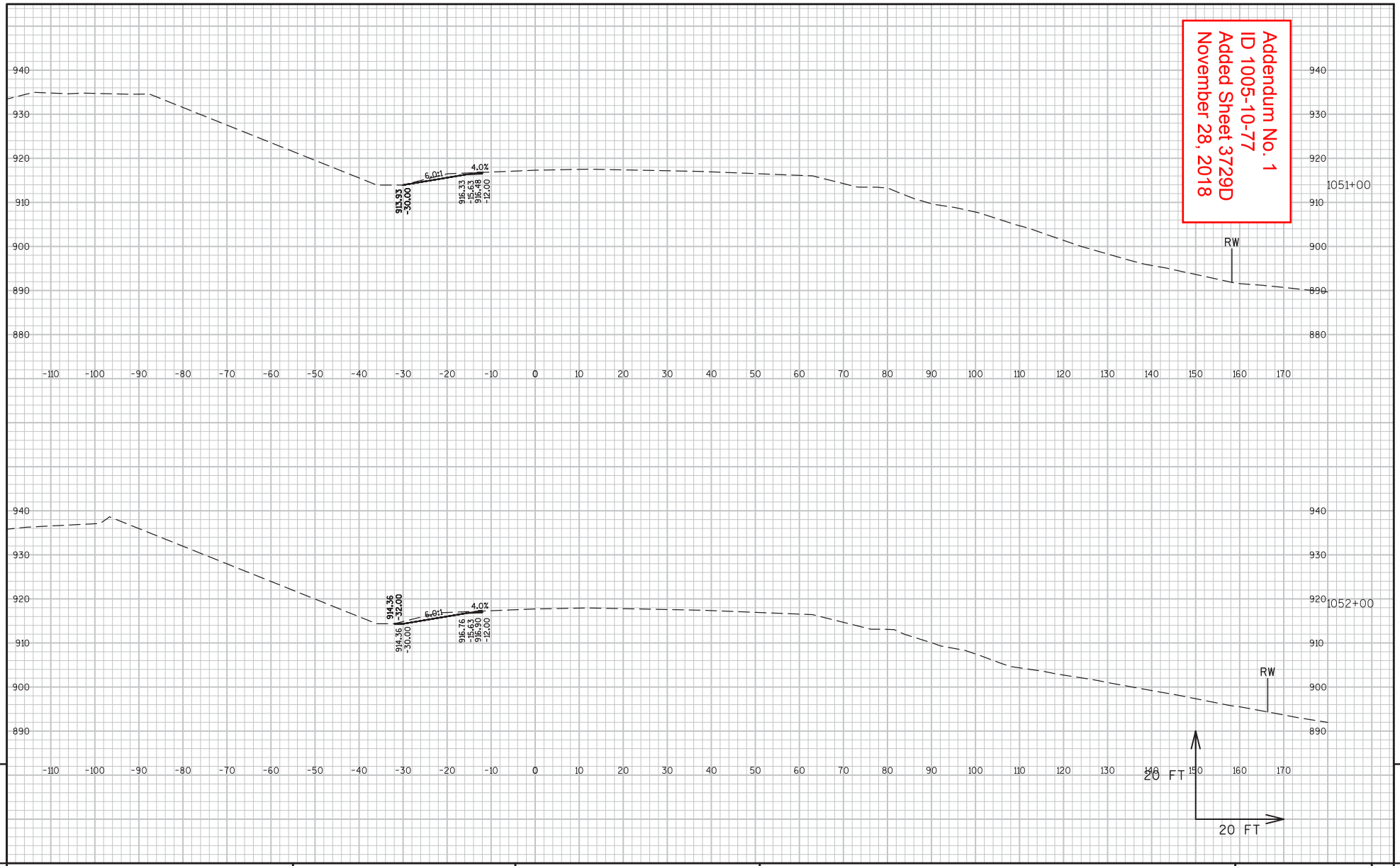
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (03)

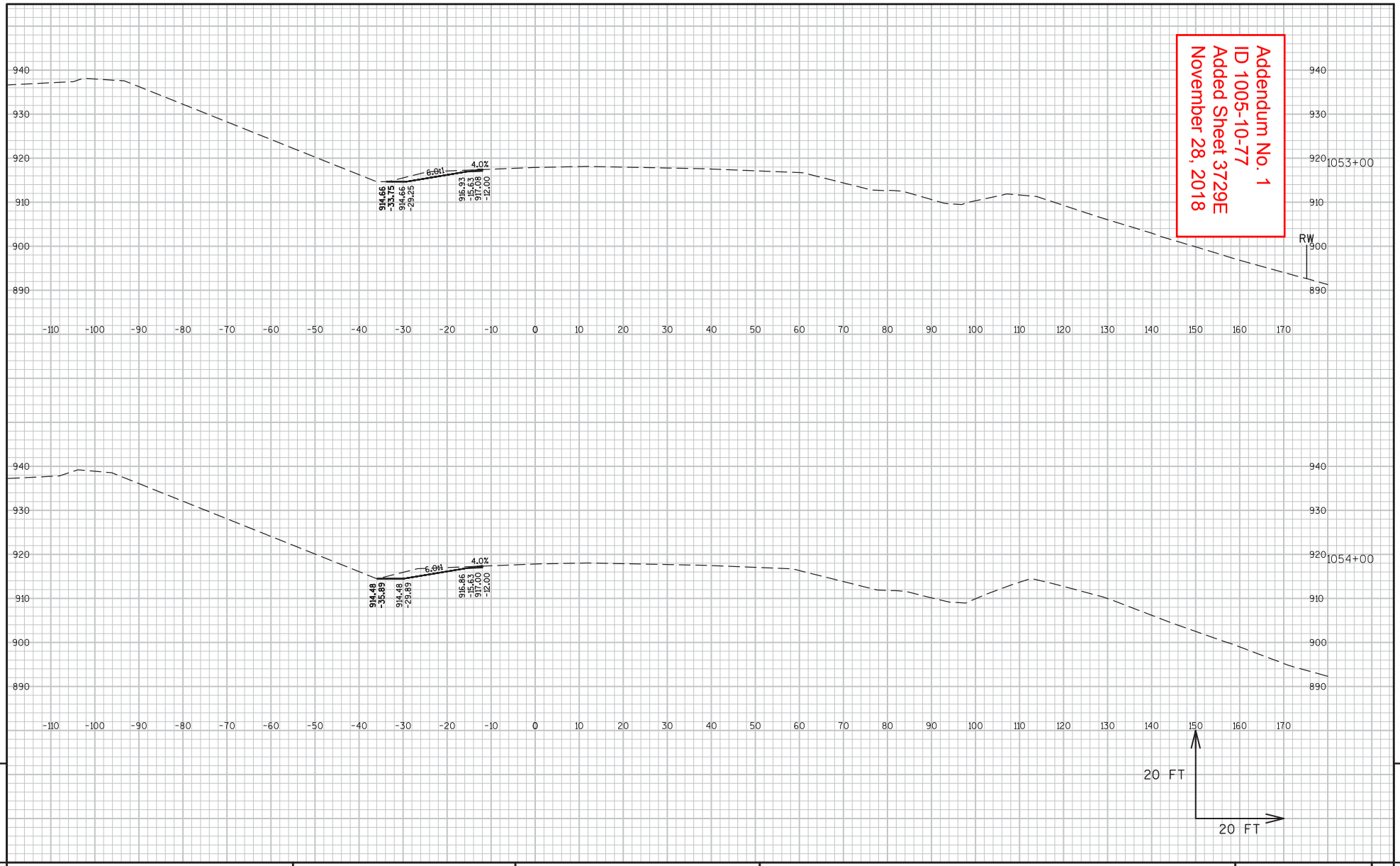
Addendum No. 1
ID 1005-10-77
Added Sheet 3729D
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (24)

Addendum No. 1
ID 1005-10-77
Added Sheet 3729E
November 28, 2018



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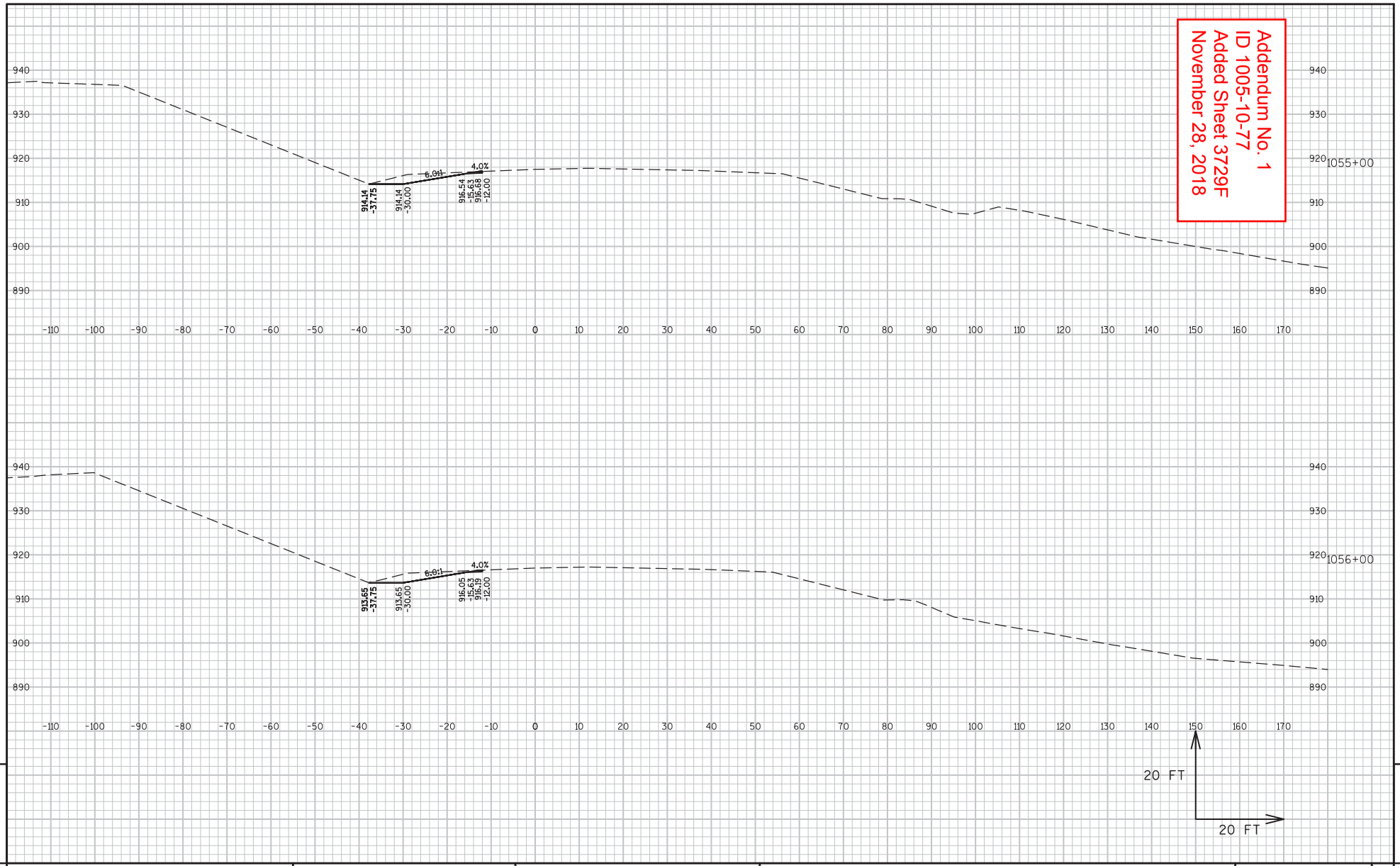
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (26)

Addendum No. 1
ID 1005-10-77
Added Sheet 3729F
November 28, 2018



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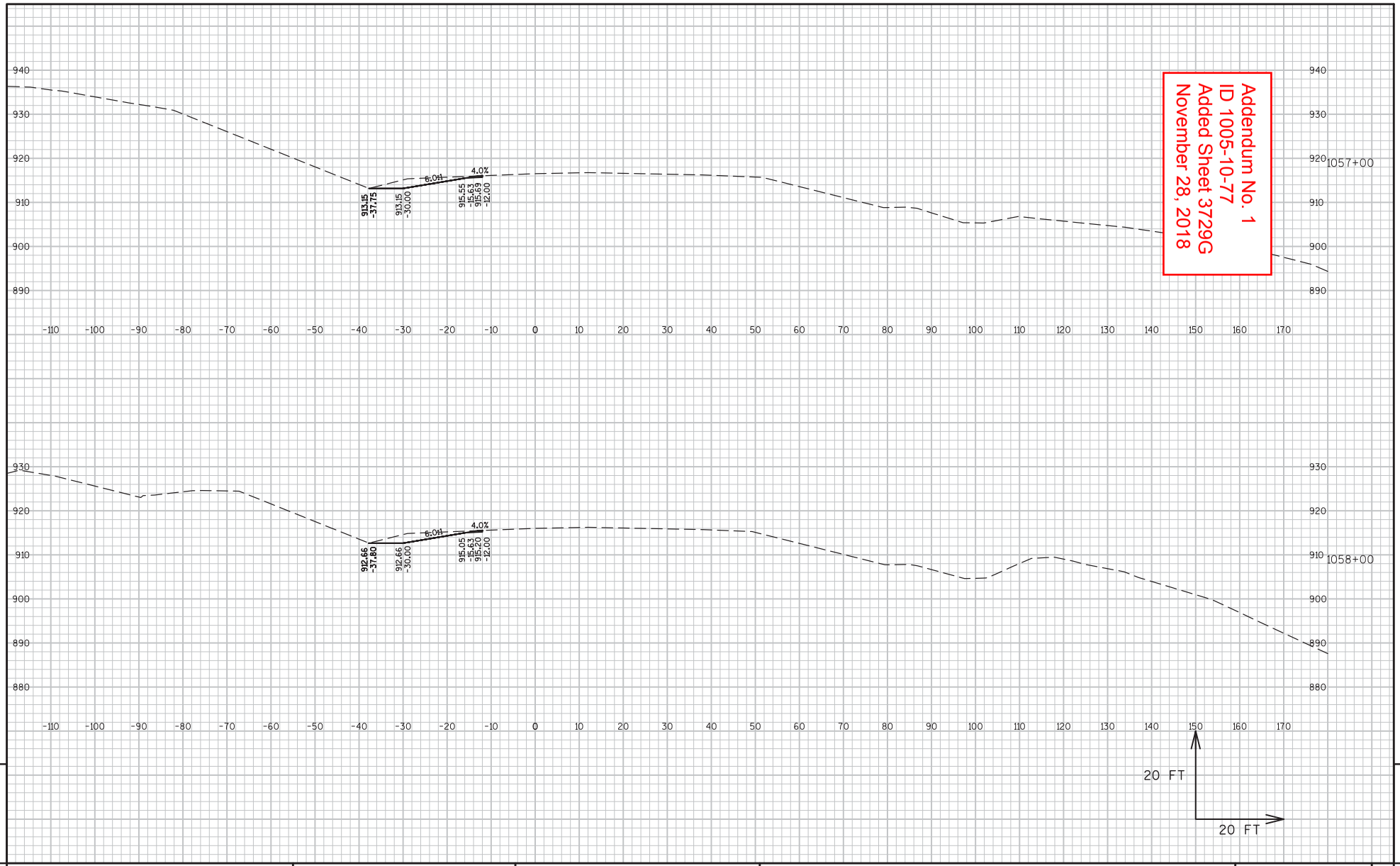
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729F	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (26)



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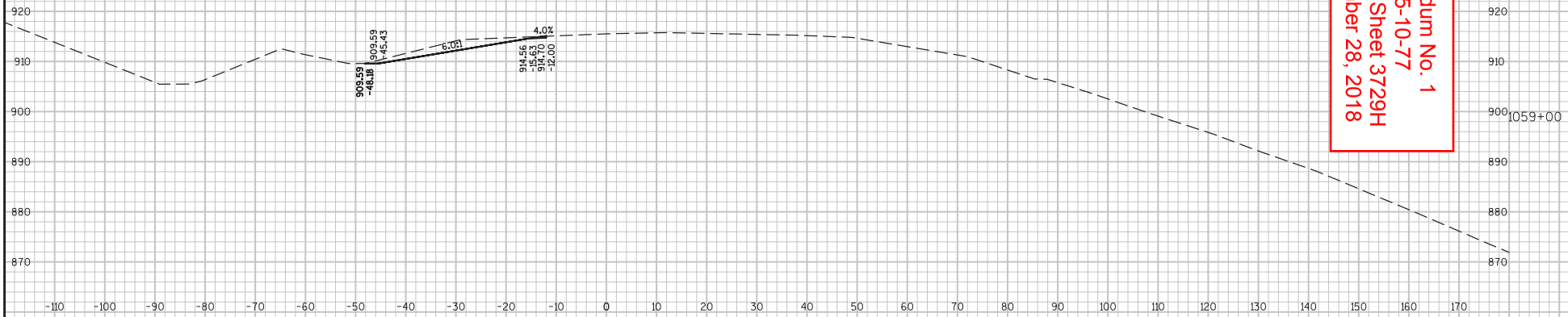
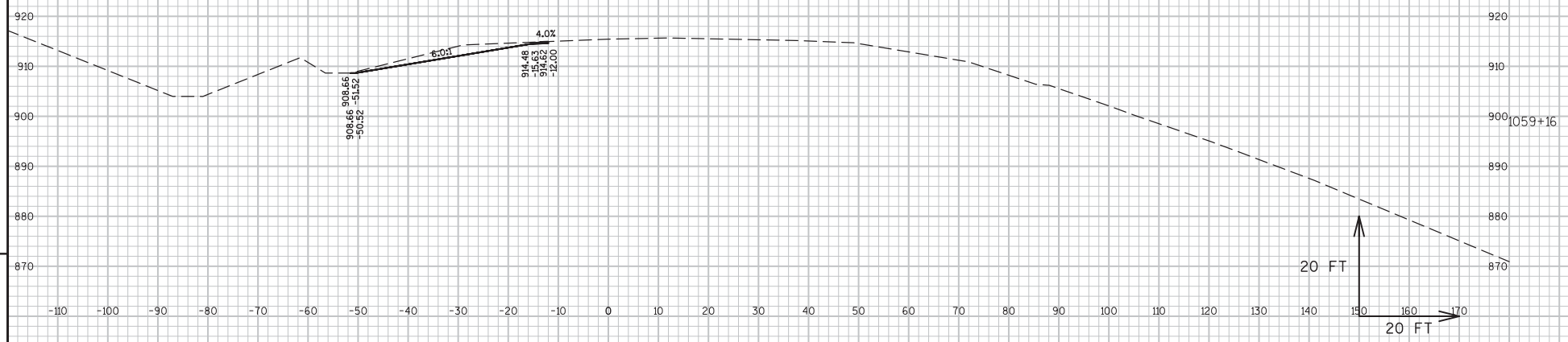
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729G	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/27/2018 4:24 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (27)

Addendum No. 1
ID 1005-10-77
Added Sheet 3729H
November 28, 2018





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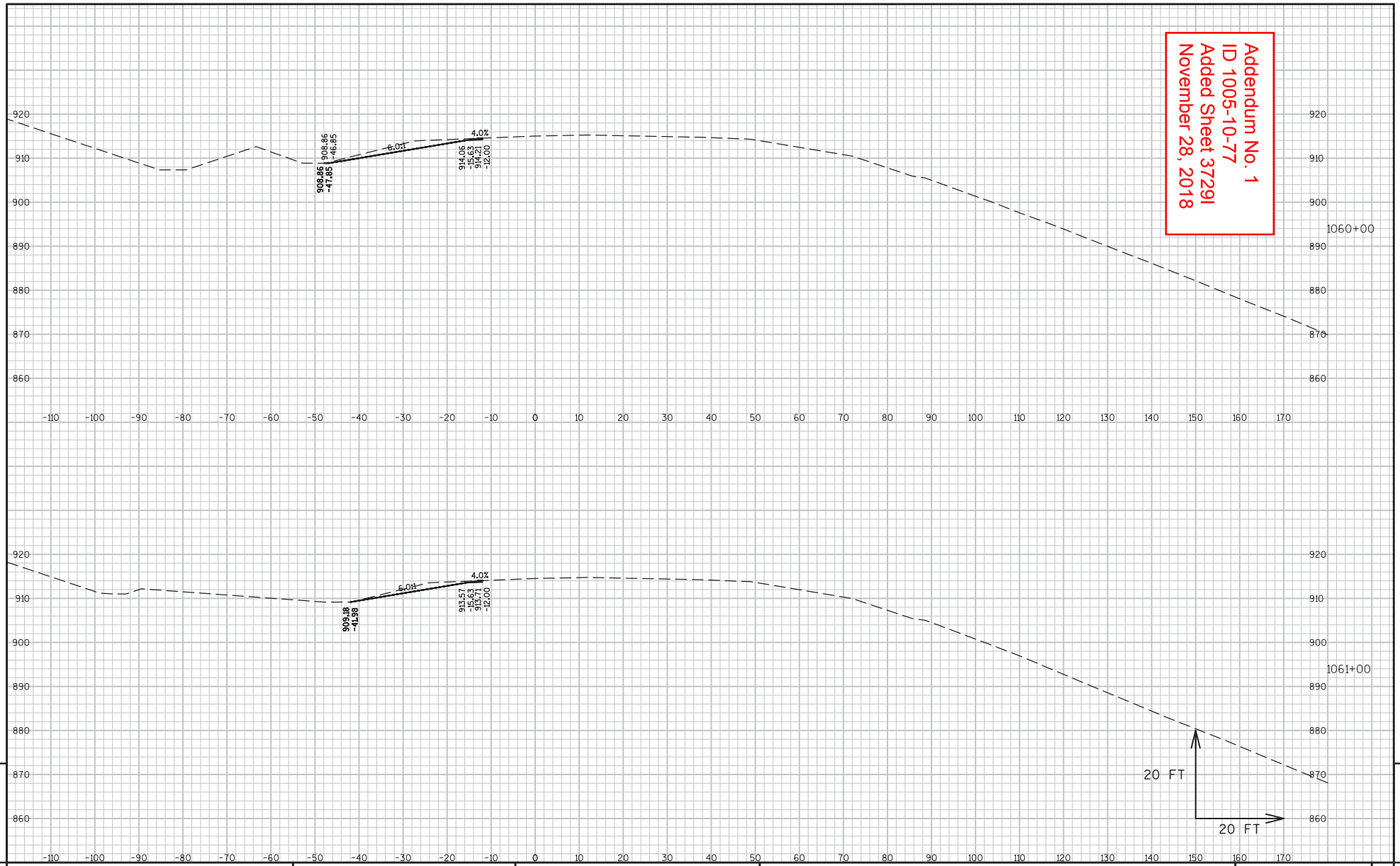
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729H	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/27/2018 4:24 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (28)

Addendum No. 1
ID 1005-10-77
Added Sheet 3729I
November 28, 2018



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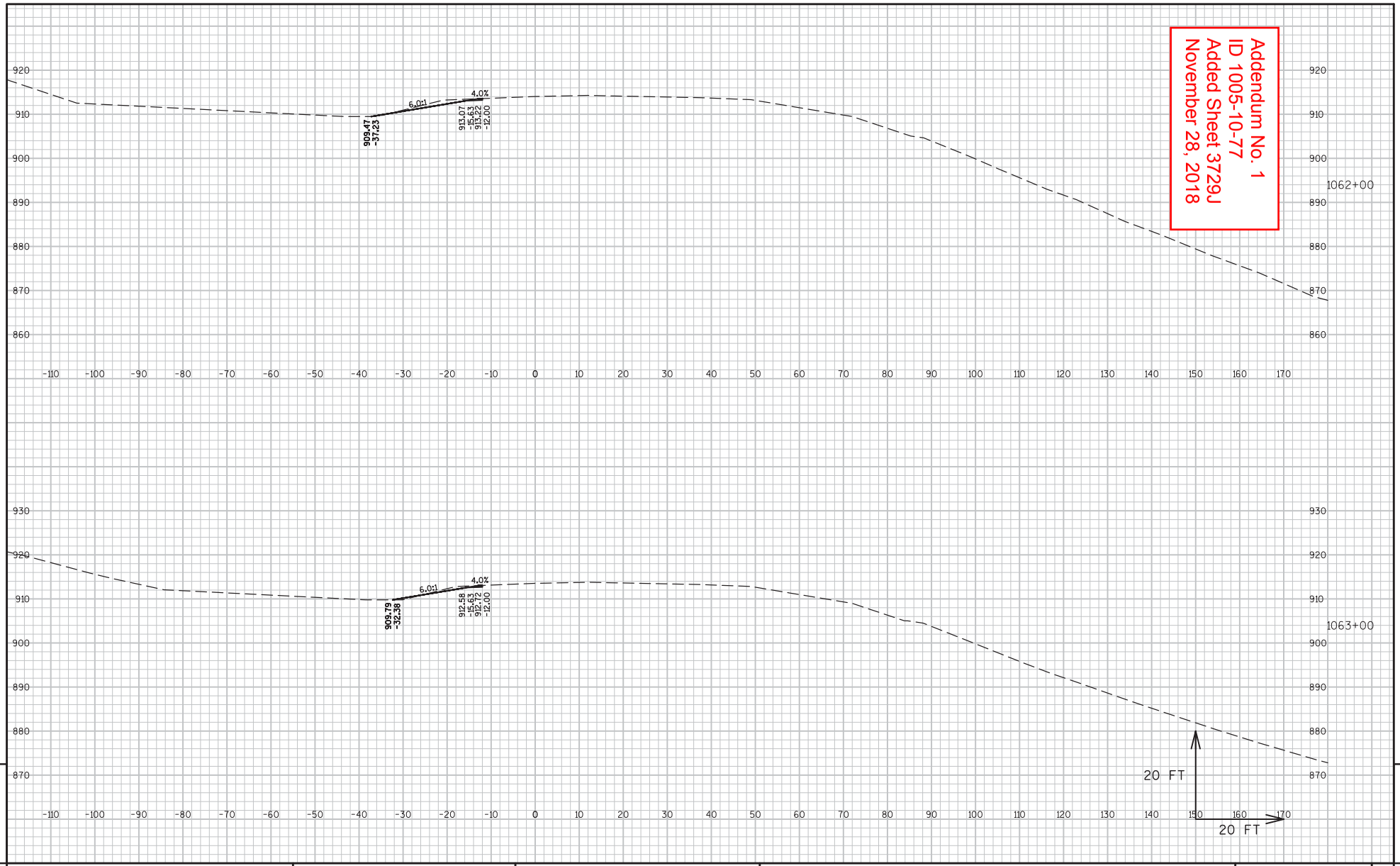
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729I	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG
LAYOUT NAME - NB - (28)
PLOT DATE : 11/27/2018 4:24 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

Addendum No. 1
ID 1005-10-77
Added Sheet 3729J
November 28, 2018



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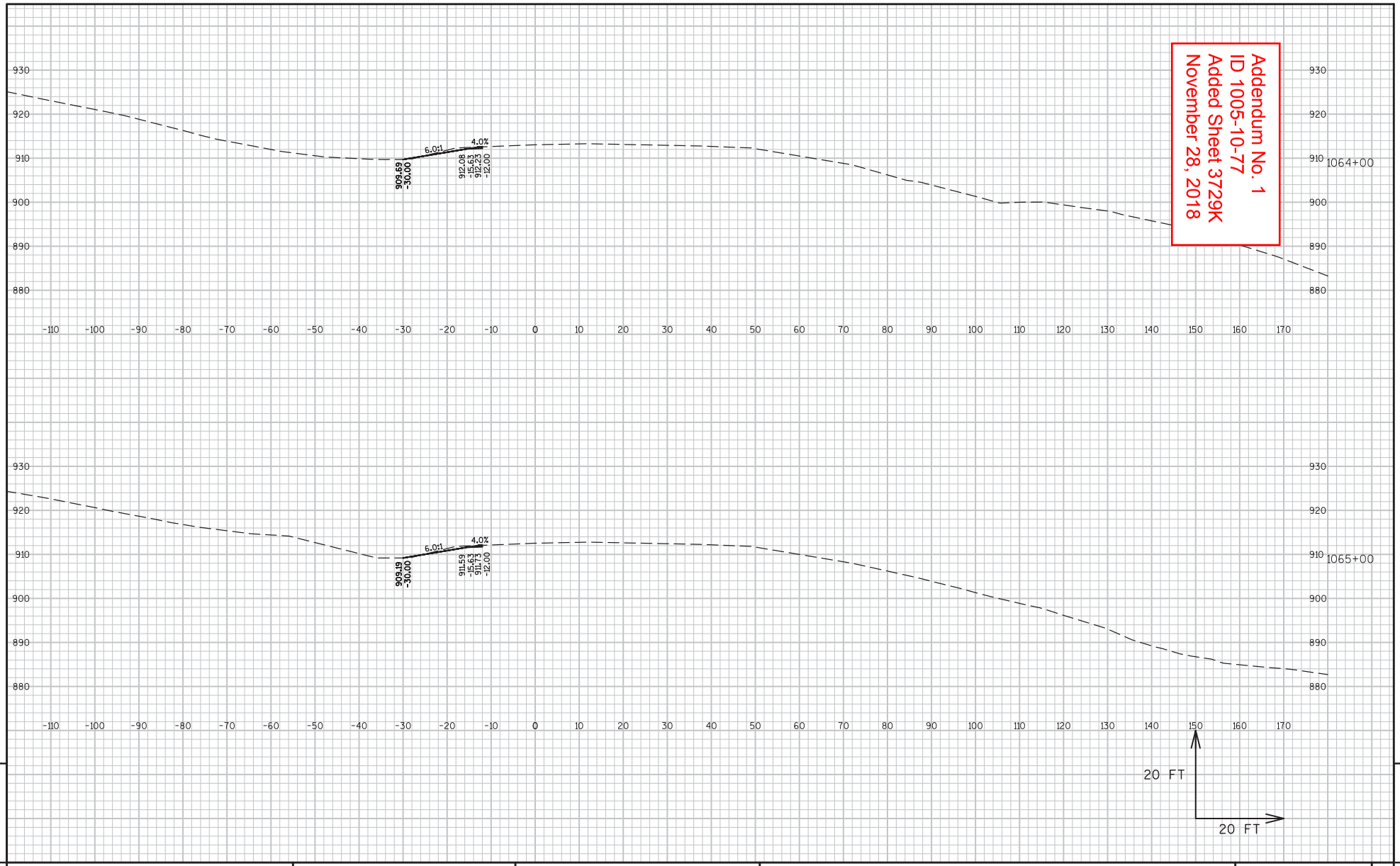
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729J	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (30)

Addendum No. 1
ID 1005-10-77
Added Sheet 3729K
November 28, 2018



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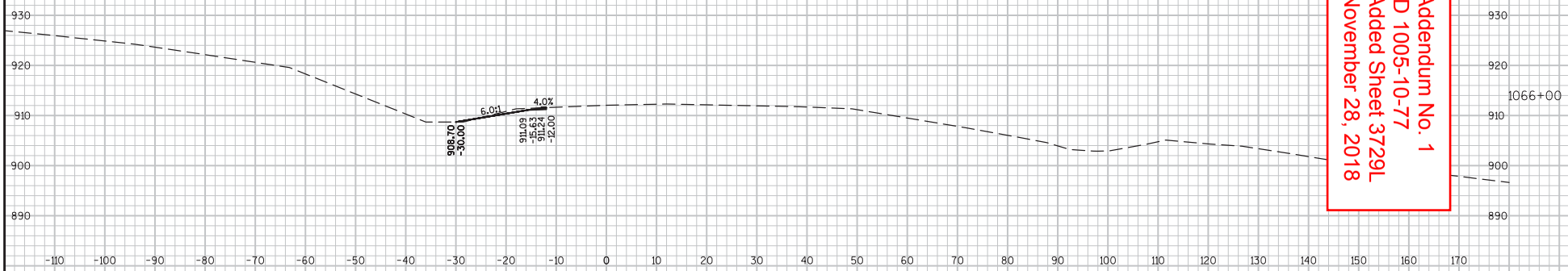
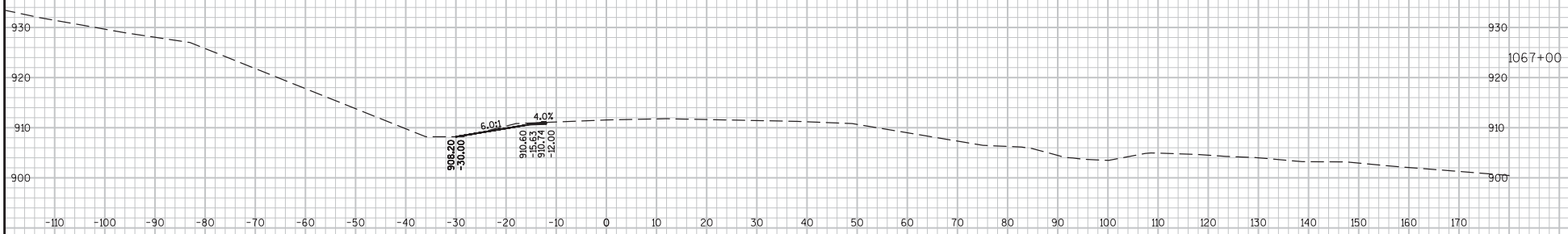
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729K	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG
LAYOUT NAME - NB - (31)
PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

Addendum No. 1
ID 1005-10-77
Added Sheet 3729L
November 28, 2018





20 FT
20 FT

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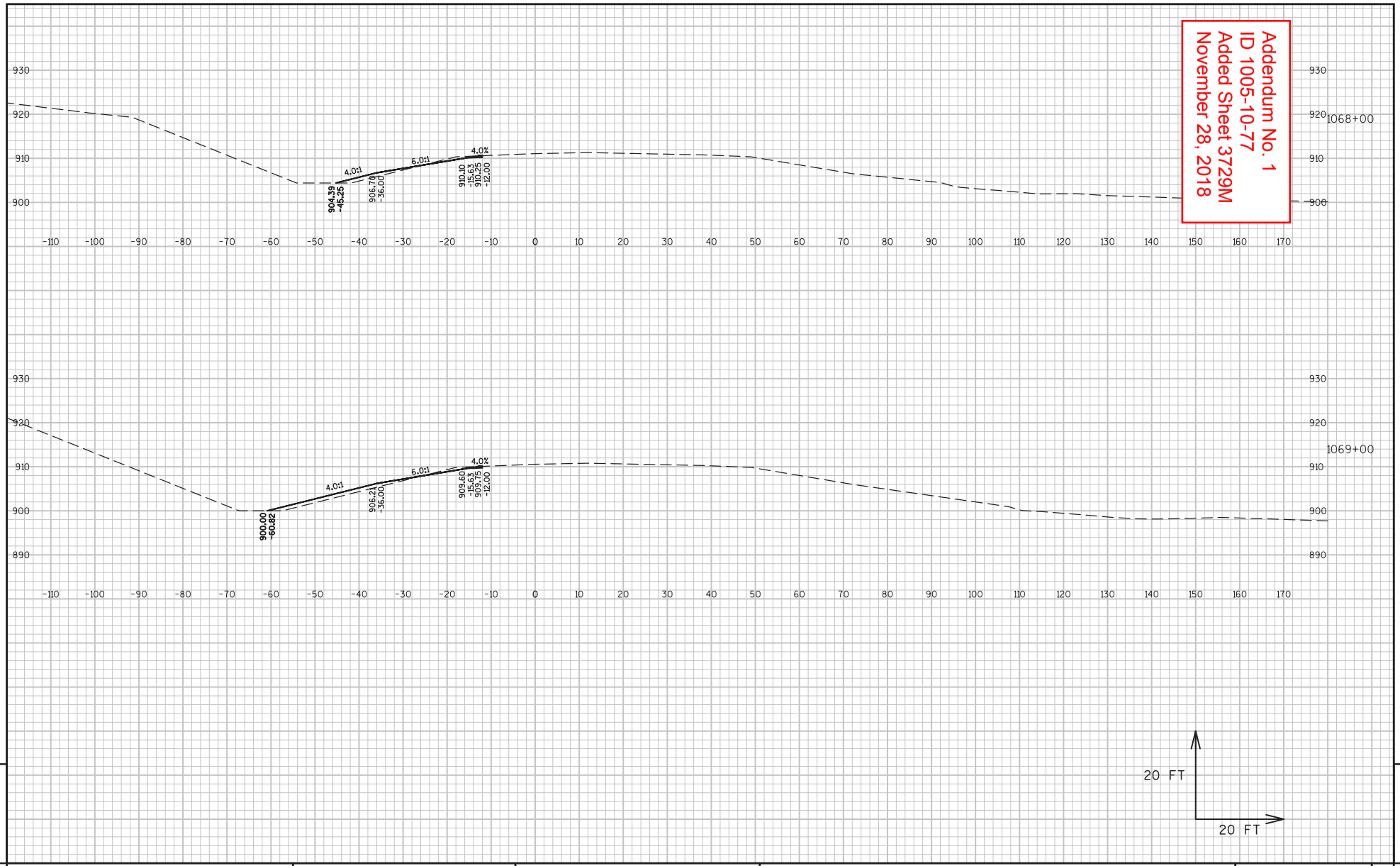
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729L	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG
LAYOUT NAME - NB - (32)
PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

Addendum No. 1
ID 1005-10-77
Added Sheet 3729M
November 28, 2018



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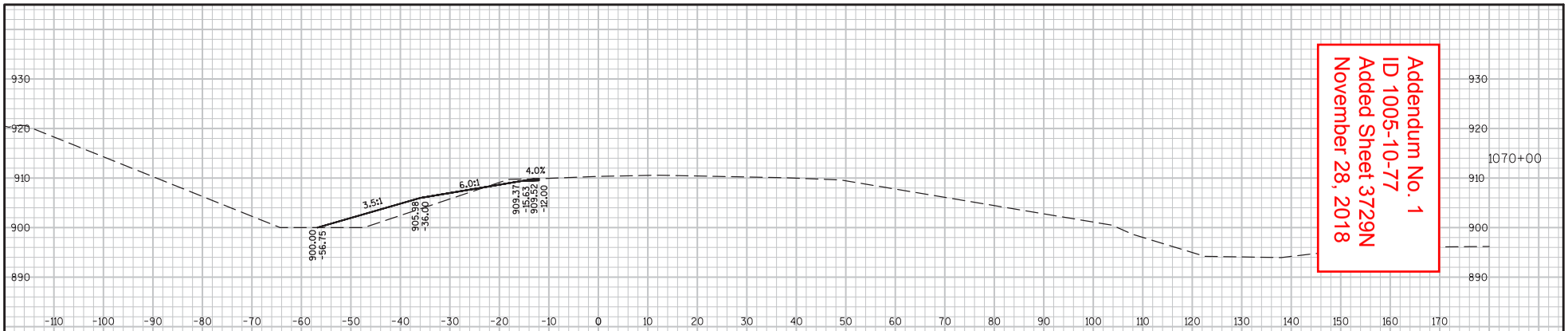
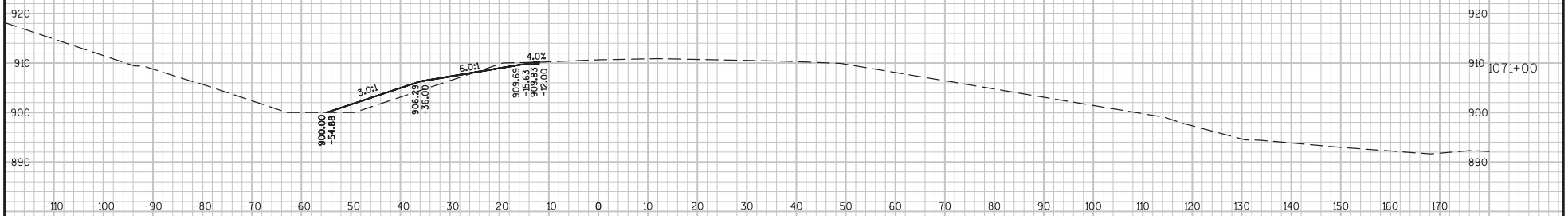
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729M	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (33)

Addendum No. 1
ID 1005-10-77
Added Sheet 3729N
November 28, 2018





20 FT

20 FT

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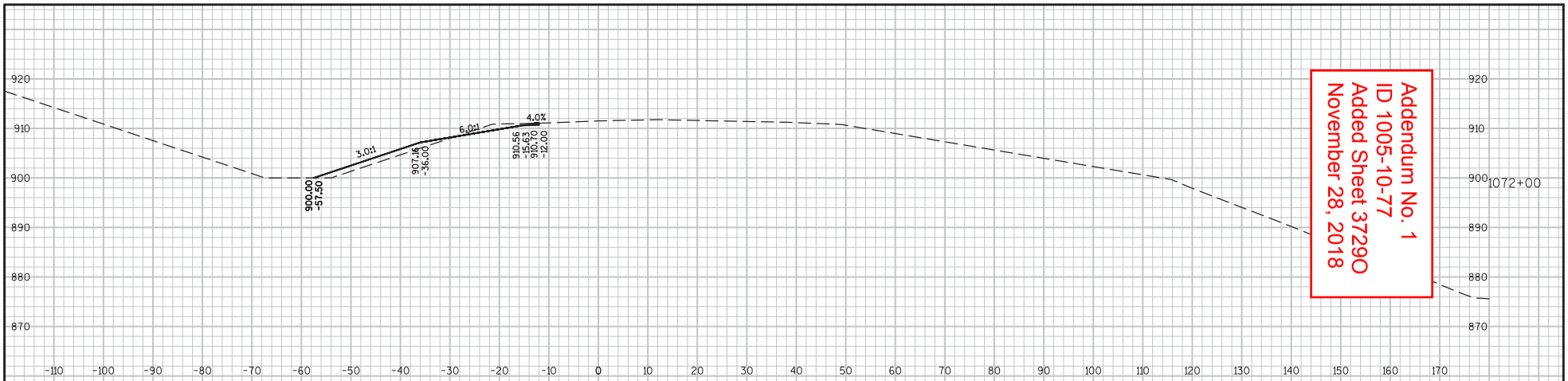
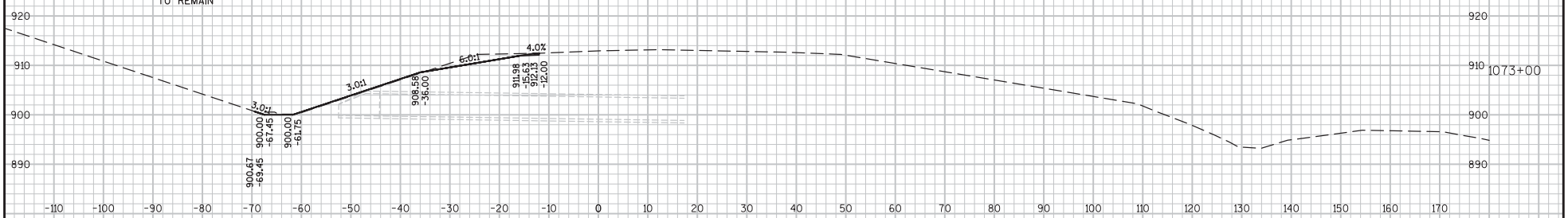
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729N	E

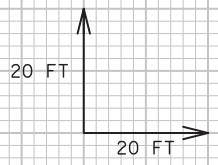
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (34)

Addendum No. 1
ID 1005-10-77
Added Sheet 37290
November 28, 2018



STA 1073+00, LT
EXISTING APRON ENDWALL
TO REMAIN





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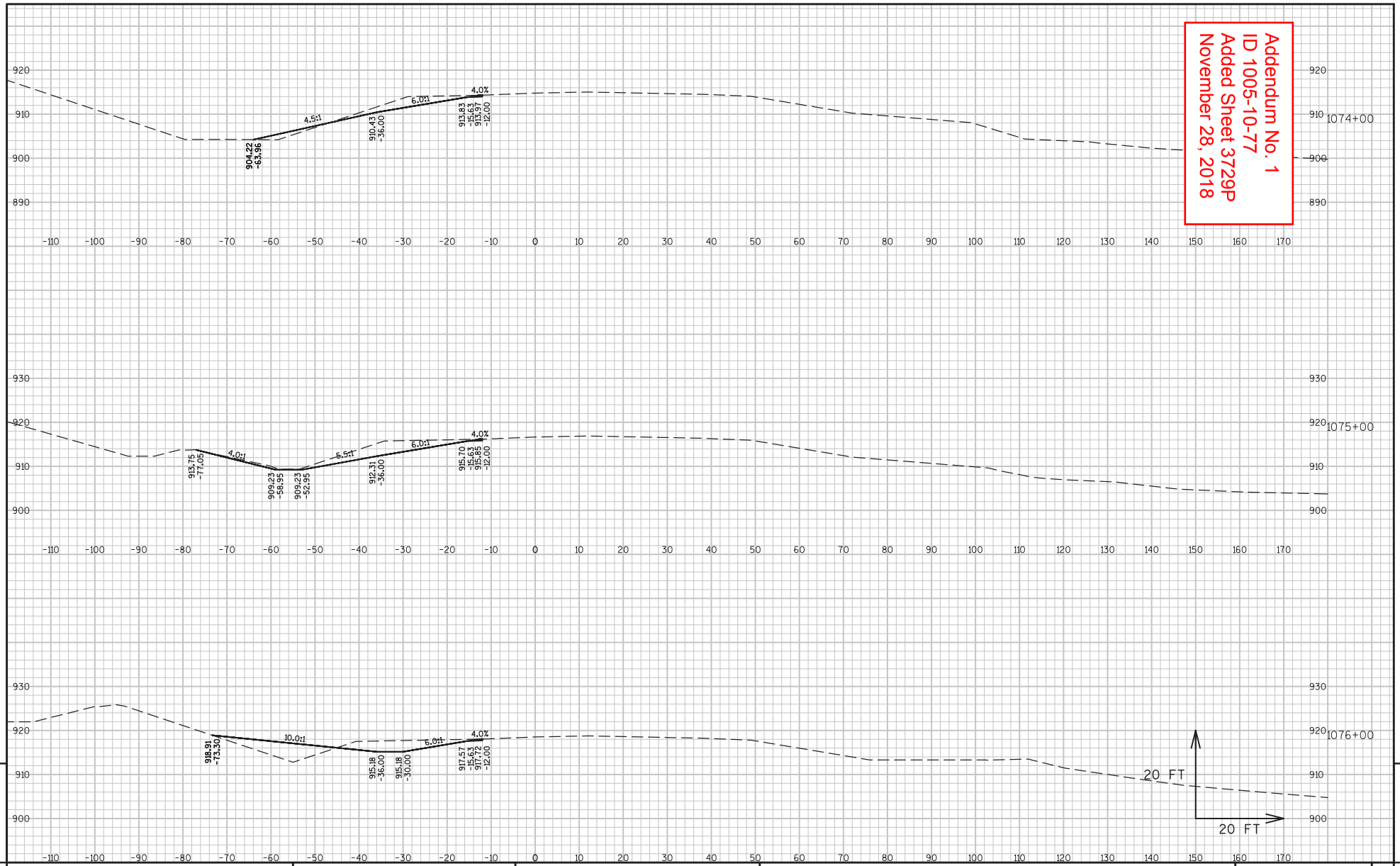
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS: IH 39/90 NB - STAGE 5	SHEET 37290	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG
LAYOUT NAME - NB - (36)
PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

Addendum No. 1
ID 1005-10-77
Added Sheet 3729P
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729P	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (36)

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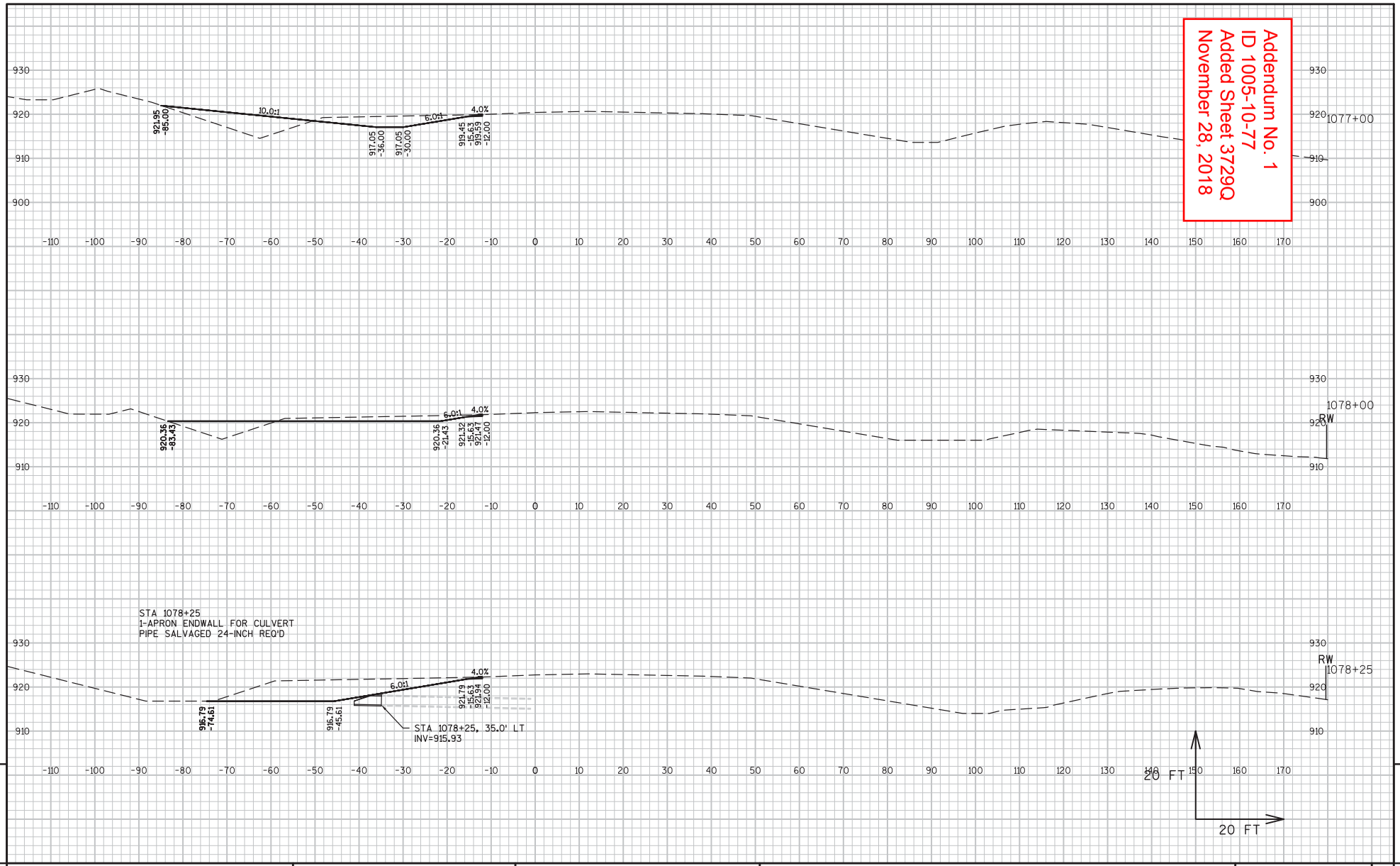
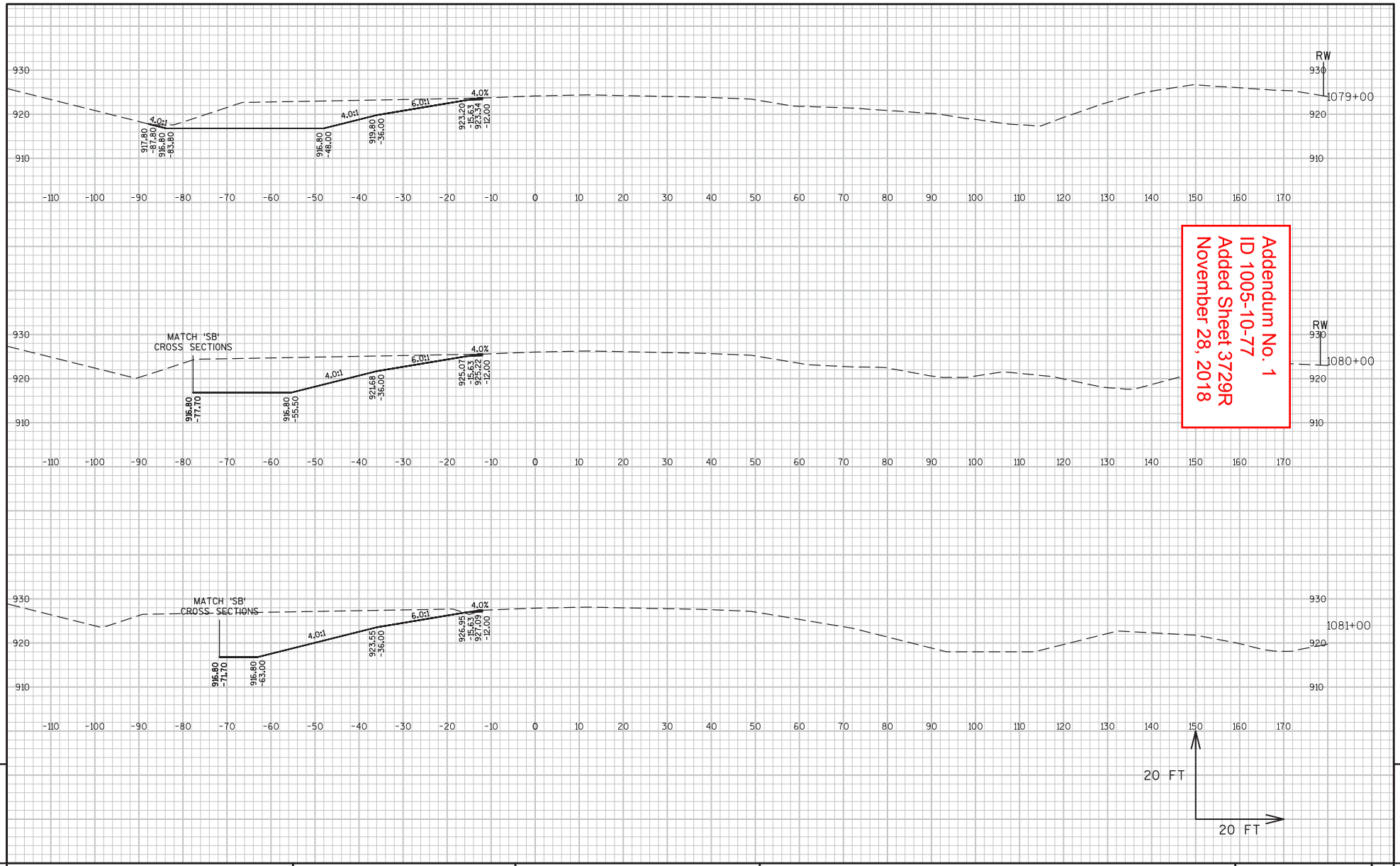
Addendum No. 1
ID 1005-10-77
Added Sheet 3729Q
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729Q	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (37)



Addendum No. 1
ID 1005-10-77
Added Sheet 3729R
November 28, 2018

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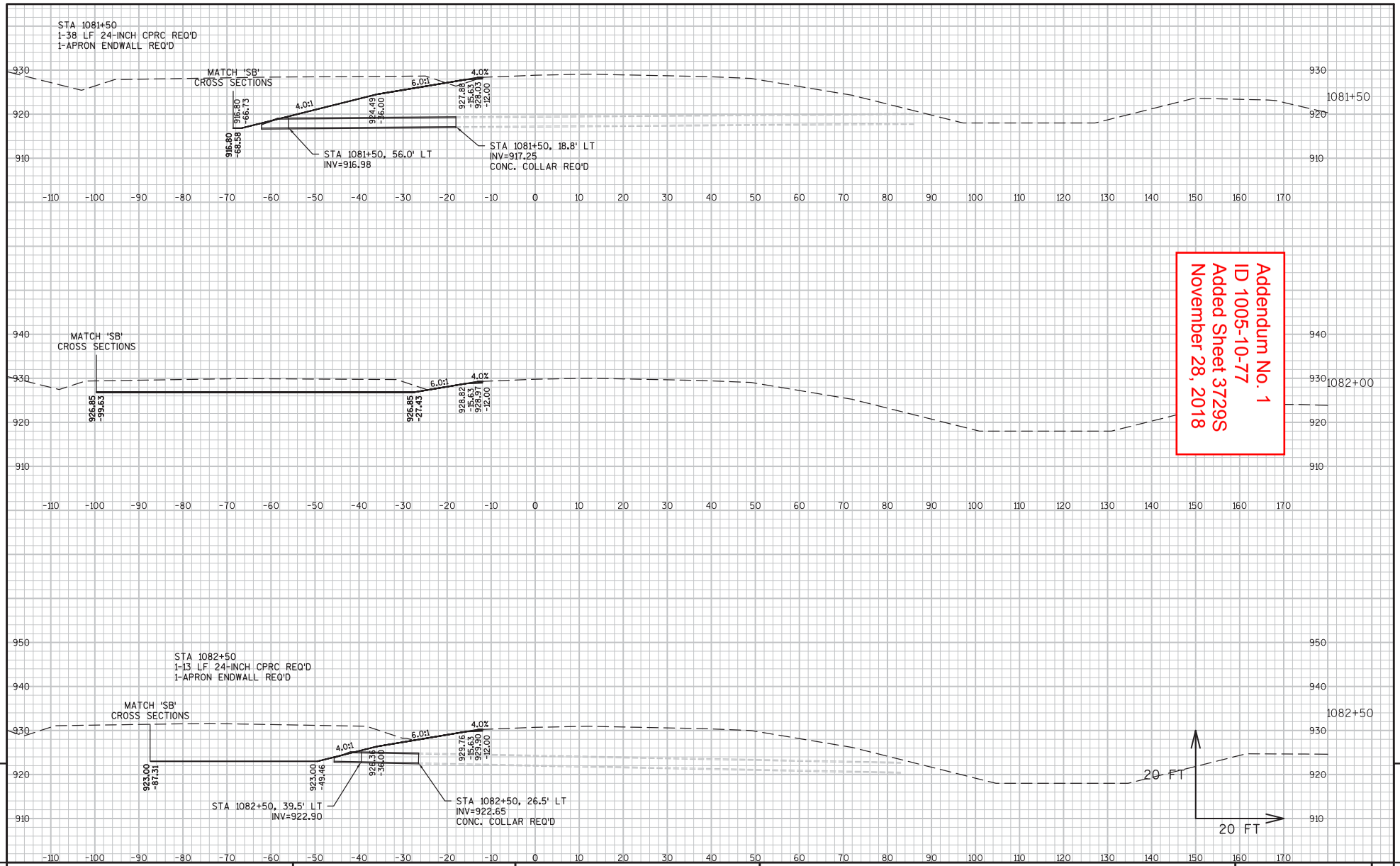
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729R	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (38)



Addendum No. 1
ID 1005-10-77
Added Sheet 3729S
November 28, 2018

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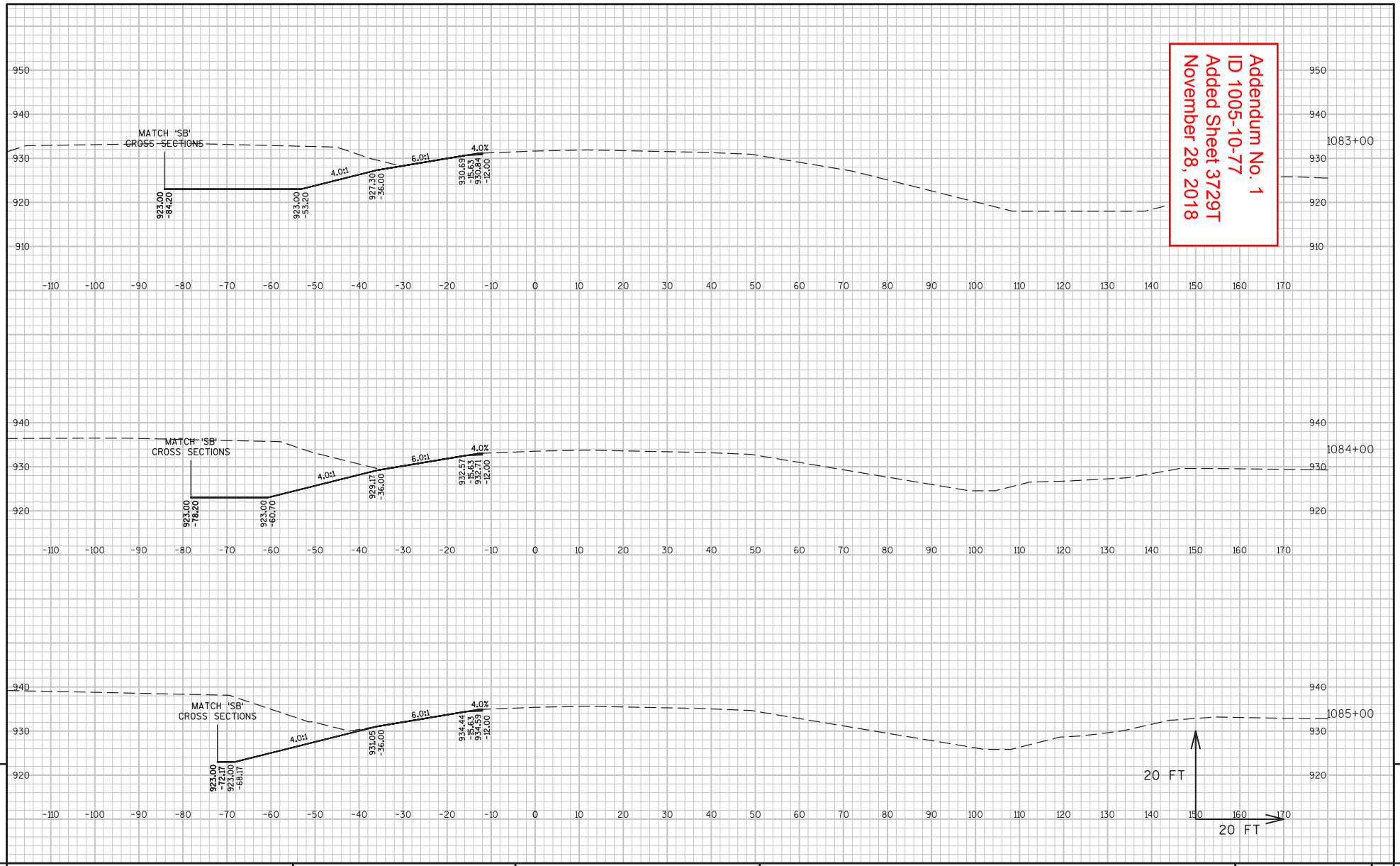
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729S	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (39)

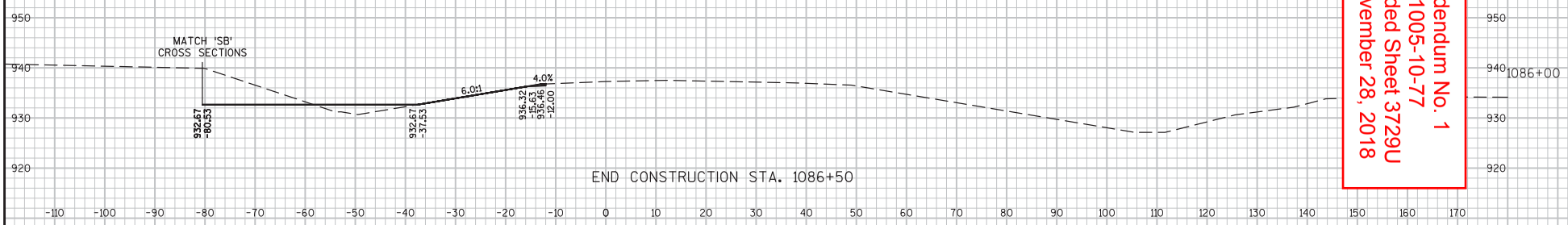
Addendum No. 1
ID 1005-10-77
Added Sheet 3729T
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS: IH 39/90 NB - STAGE 5	SHEET 3729T	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (40)

Addendum No. 1
ID 1005-10-77
Added Sheet 3729U
November 28, 2018



20 FT

20 FT

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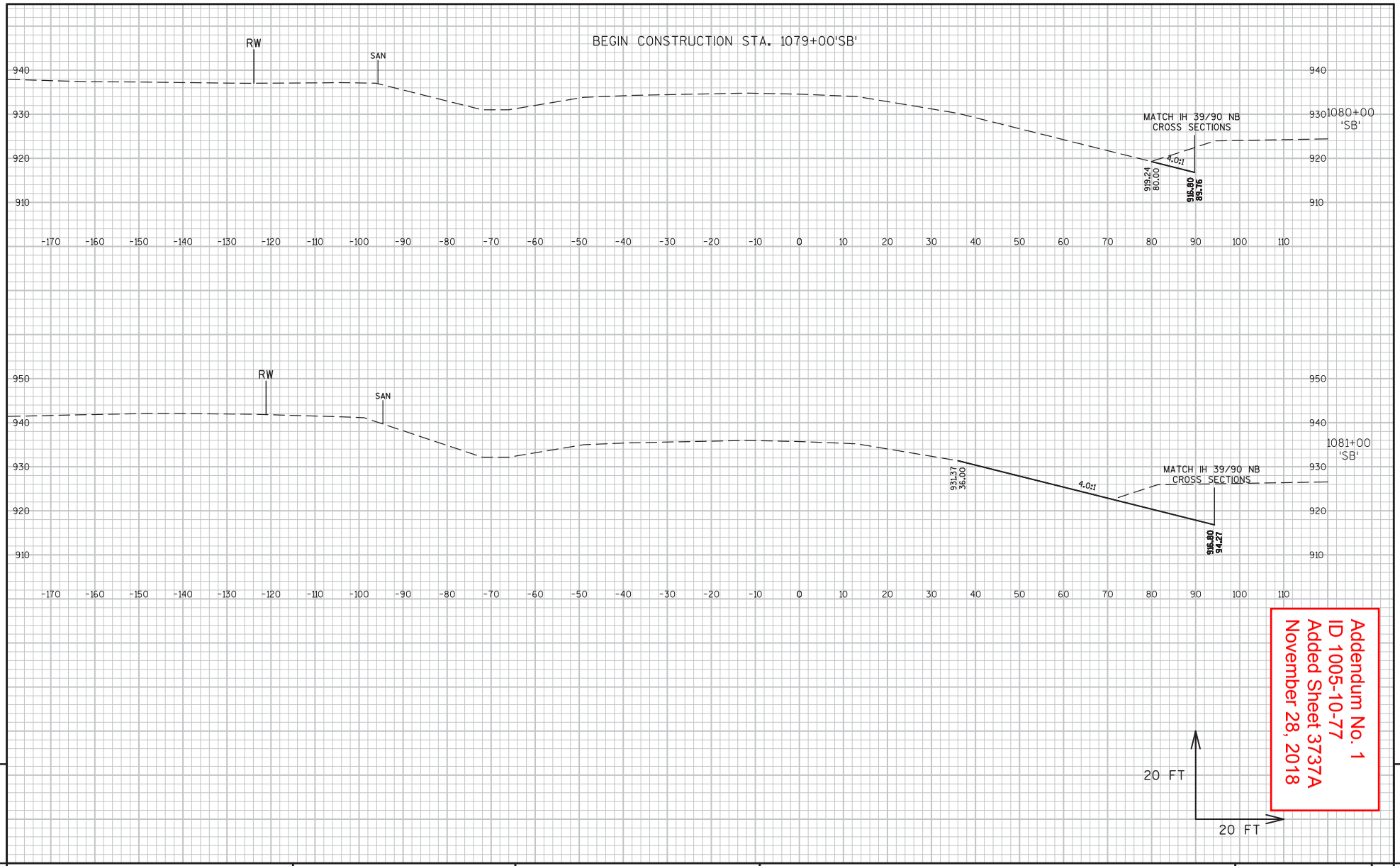
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 5	SHEET 3729U	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 12:58 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB - (40)



Addendum No. 1
ID 1005-10-77
Added Sheet 3737A
November 28, 2018

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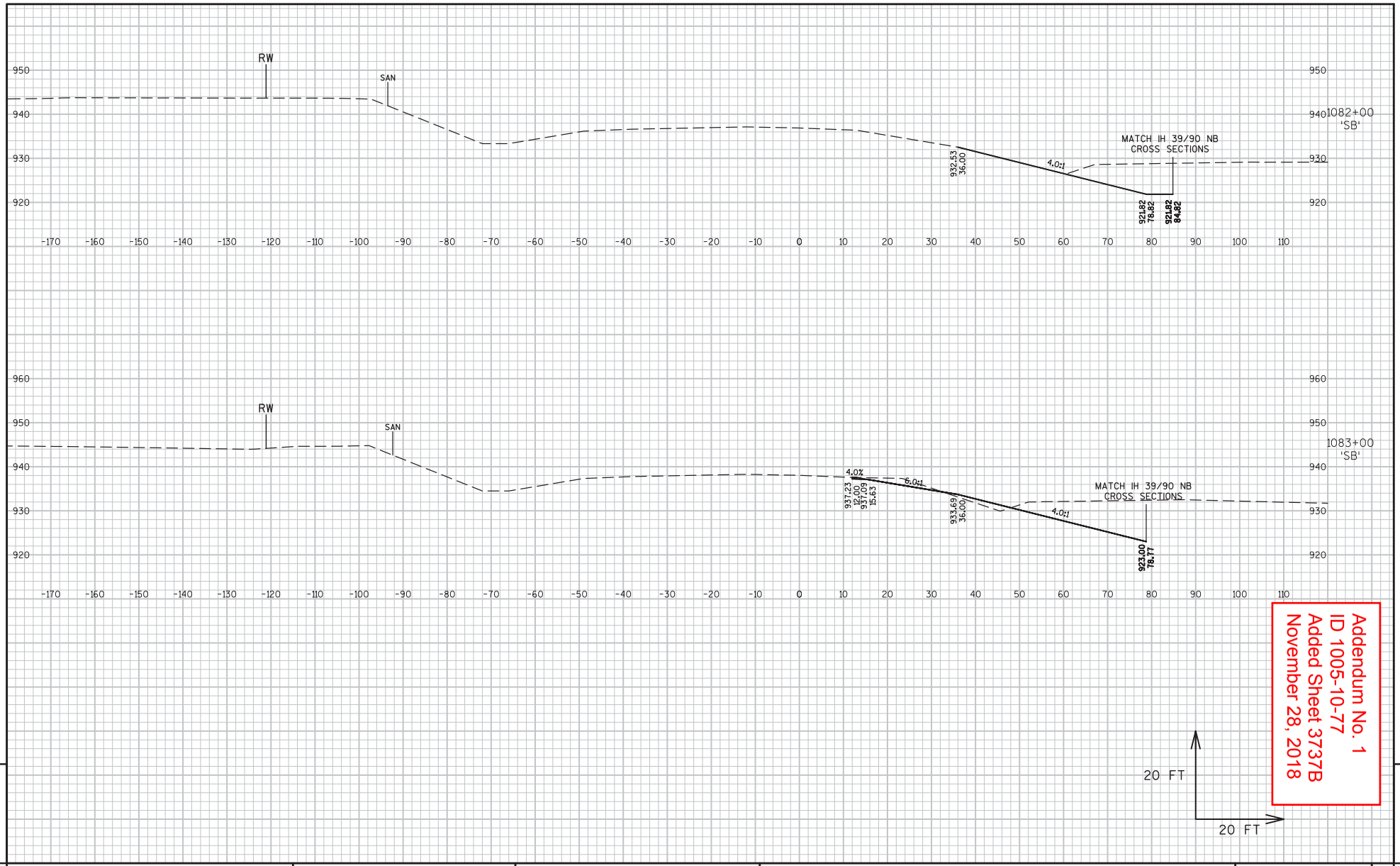
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 SB 'SB' - STAGE 5	SHEET 3737A	E

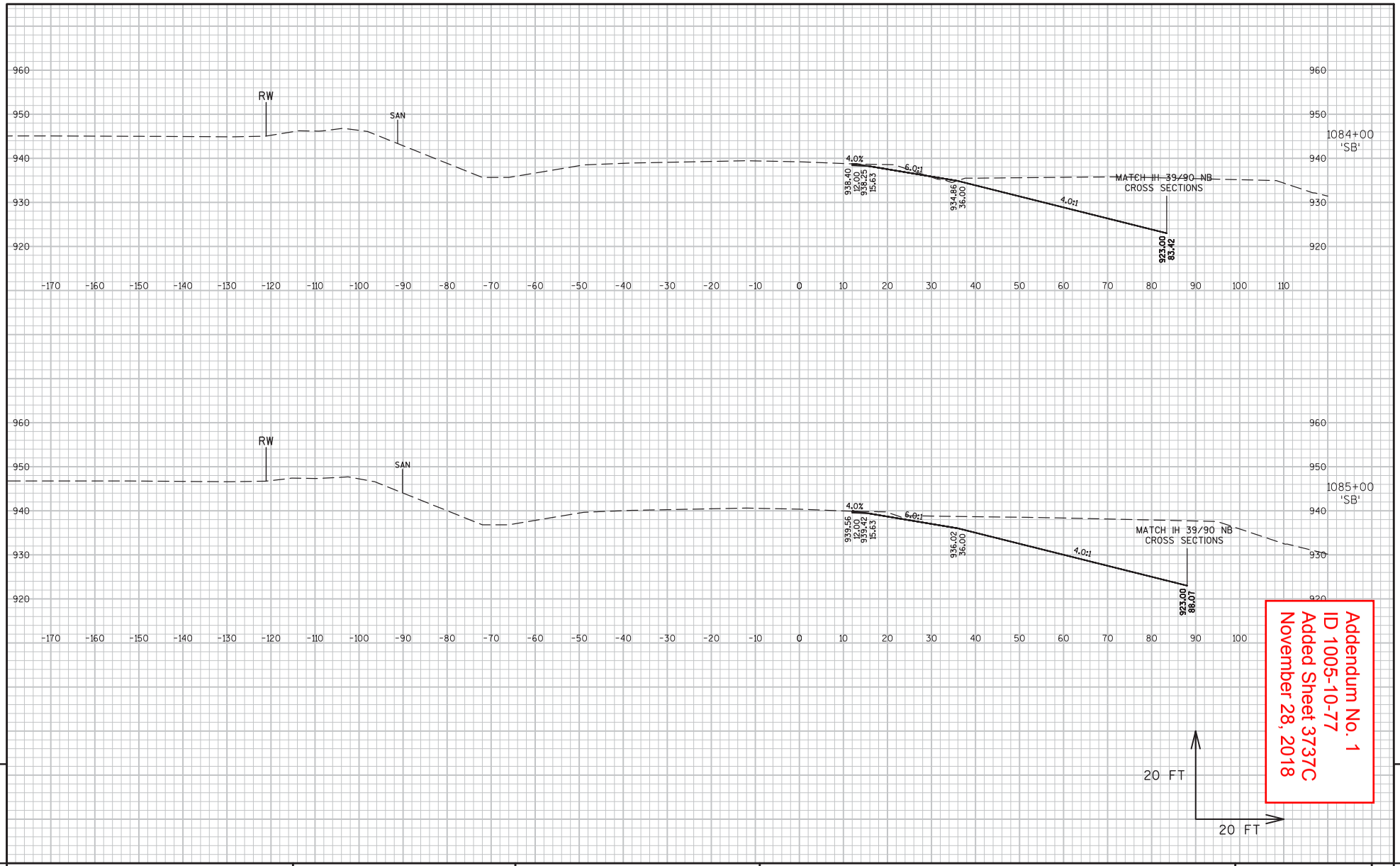
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\SB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 1:00 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - SB (2)



Addendum No. 1
ID 1005-10-77
Added Sheet 3737B
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 SB 'SB' - STAGE 5	SHEET 3737B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\SB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 1:00 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - SB (3)



Addendum No. 1
ID 1005-10-77
Added Sheet 3737C
November 28, 2018

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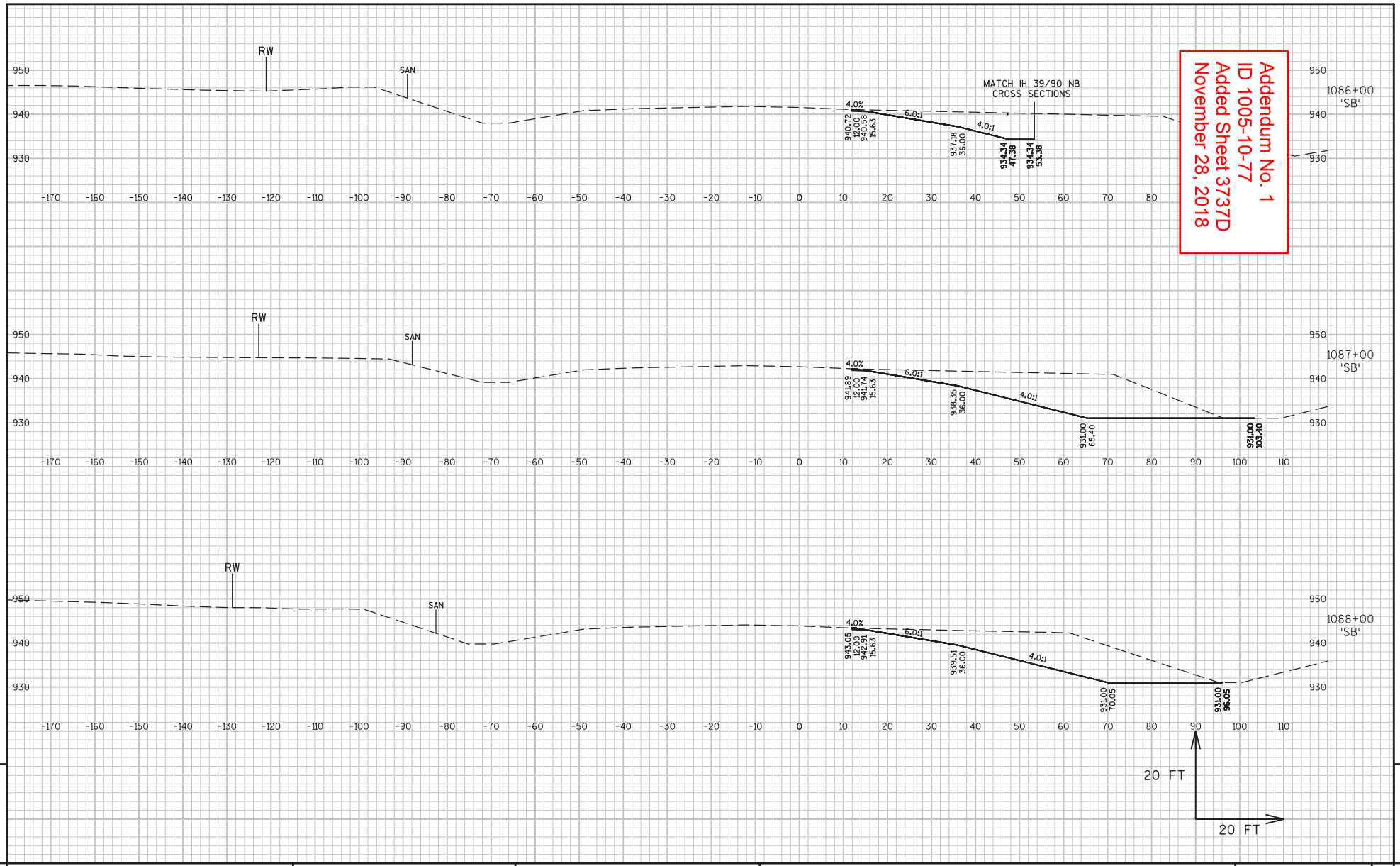
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 SB 'SB' - STAGE 5	SHEET 3737C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\SB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 1:00 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - SB (4)

Addendum No. 1
ID 1005-10-77
Added Sheet 3737D
November 28, 2018



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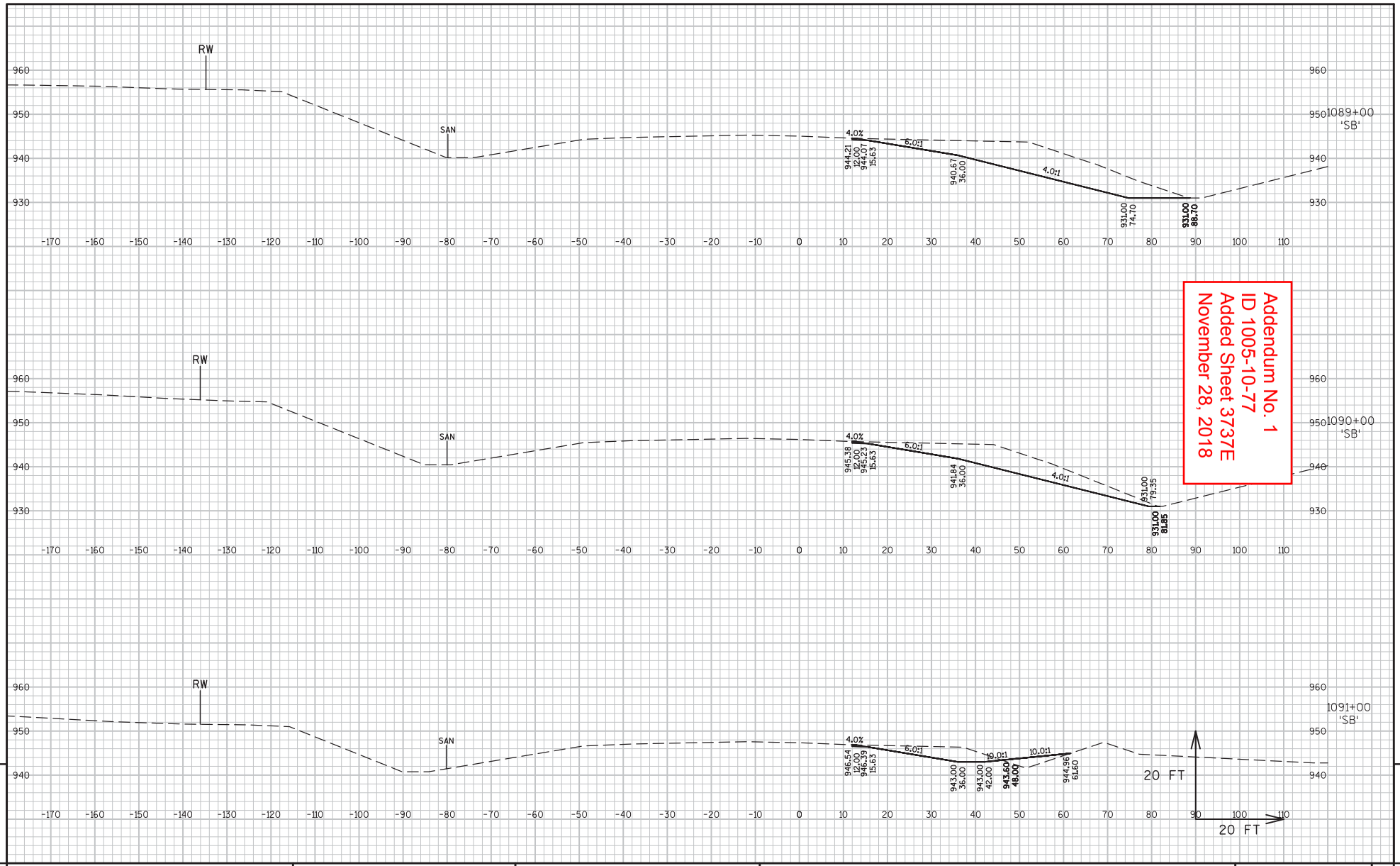
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 SB 'SB' - STAGE 5	SHEET 3737D	E

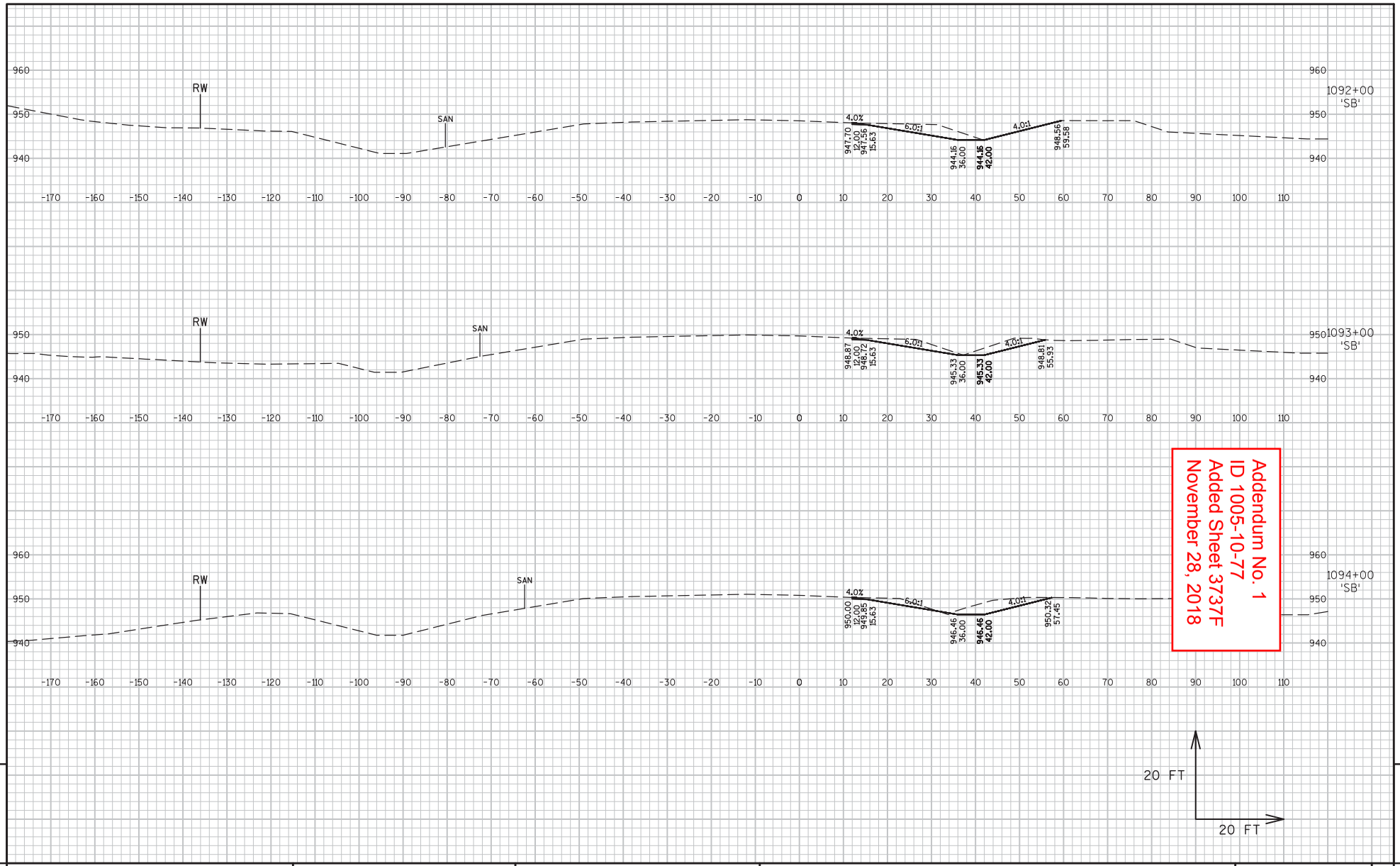
FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\SB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 1:00 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - SB (5)



Addendum No. 1
ID 1005-10-77
Added Sheet 3737E
November 28, 2018

PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 SB 'SB' - STAGE 5	SHEET 3737E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\SB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 1:00 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - SB (6)



Addendum No. 1
ID 1005-10-77
Added Sheet 3737F
November 28, 2018

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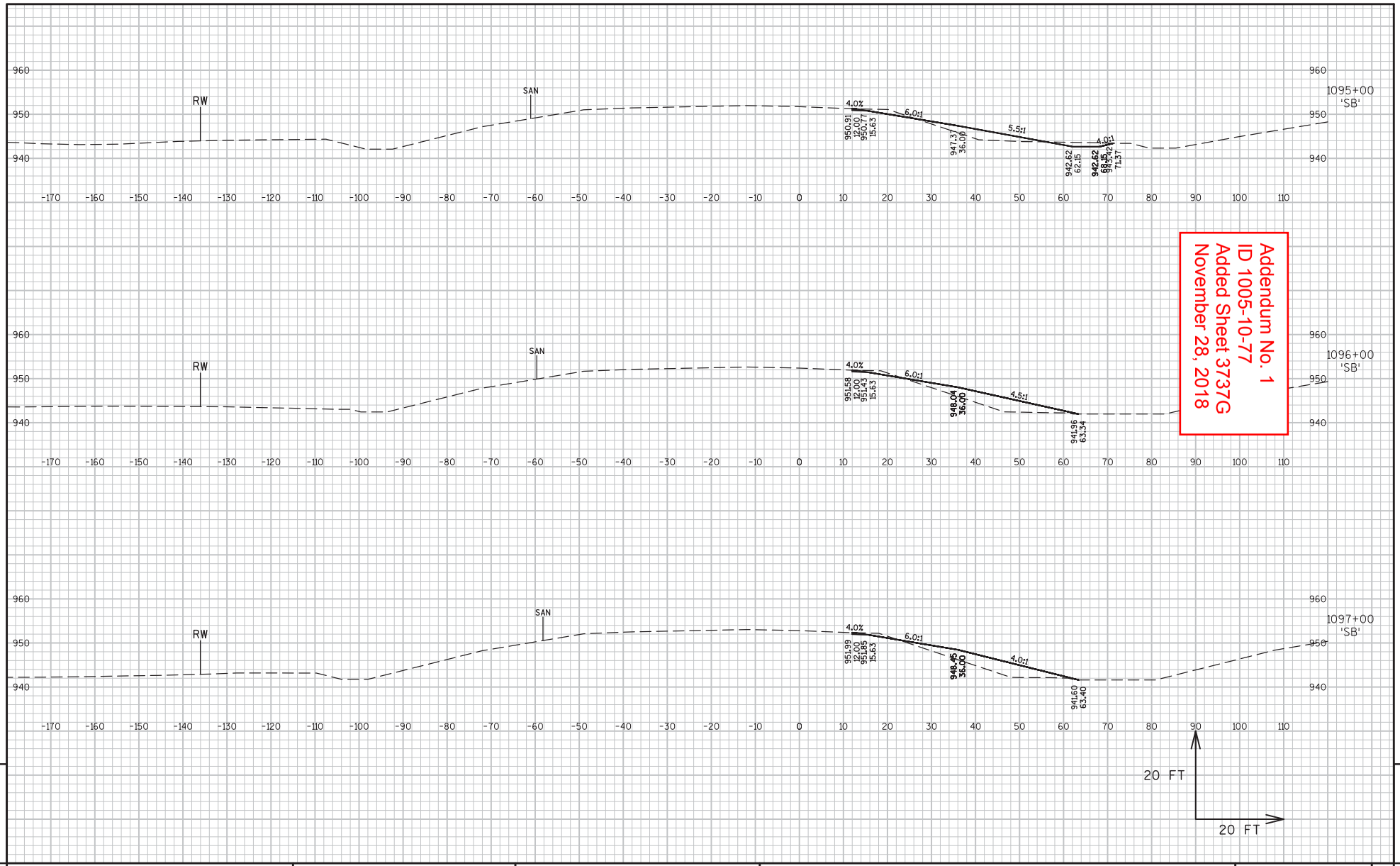
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 SB 'SB' - STAGE 5	SHEET 3737F	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\SB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 1:00 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - SB (7)



Addendum No. 1
ID 1005-10-77
Added Sheet 3737G
November 28, 2018

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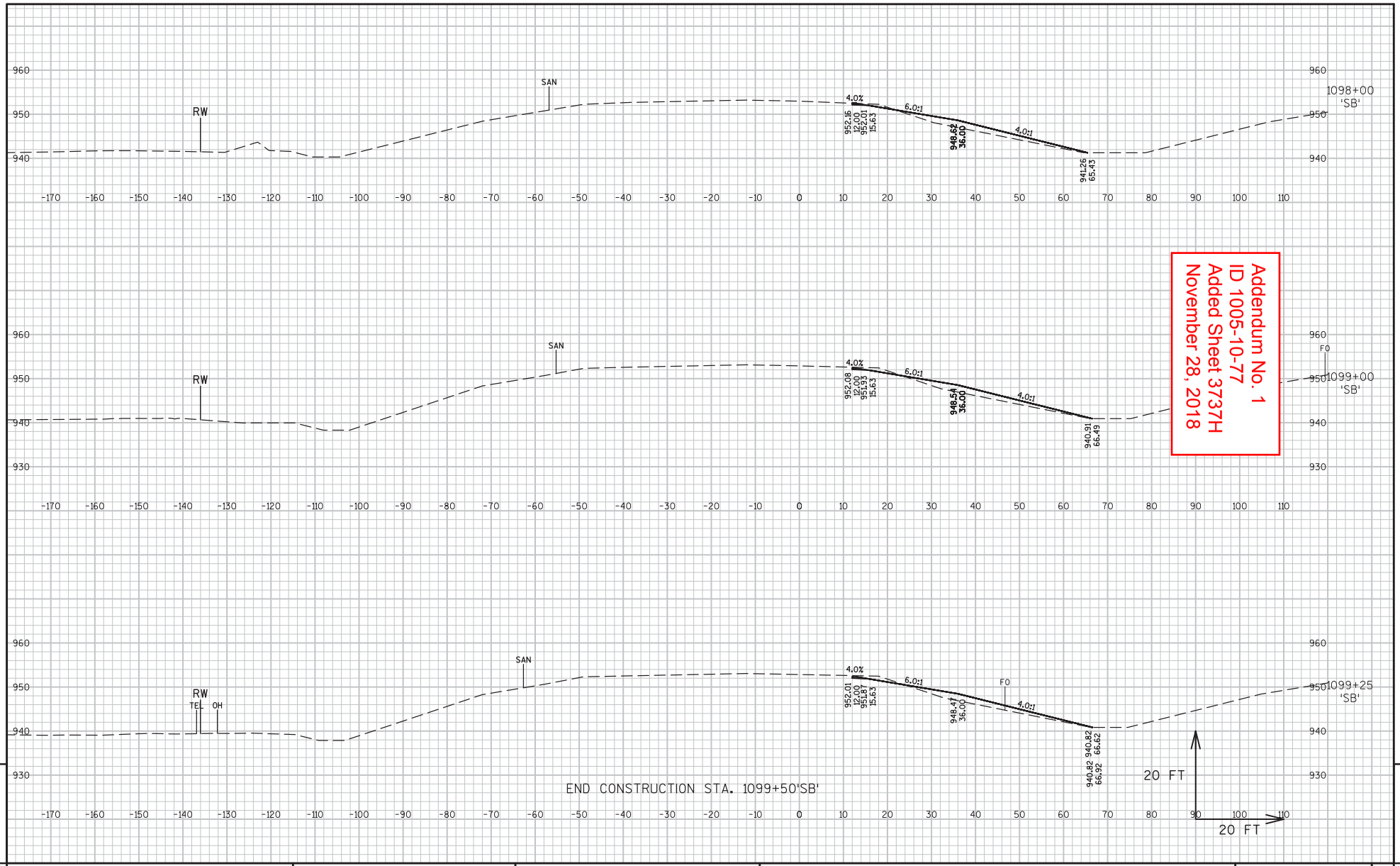
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 SB 'SB' - STAGE 5	SHEET 3737G	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\SB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 1:00 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - SB X(8)



Addendum No. 1
ID 1005-10-77
Added Sheet 3737H
November 28, 2018

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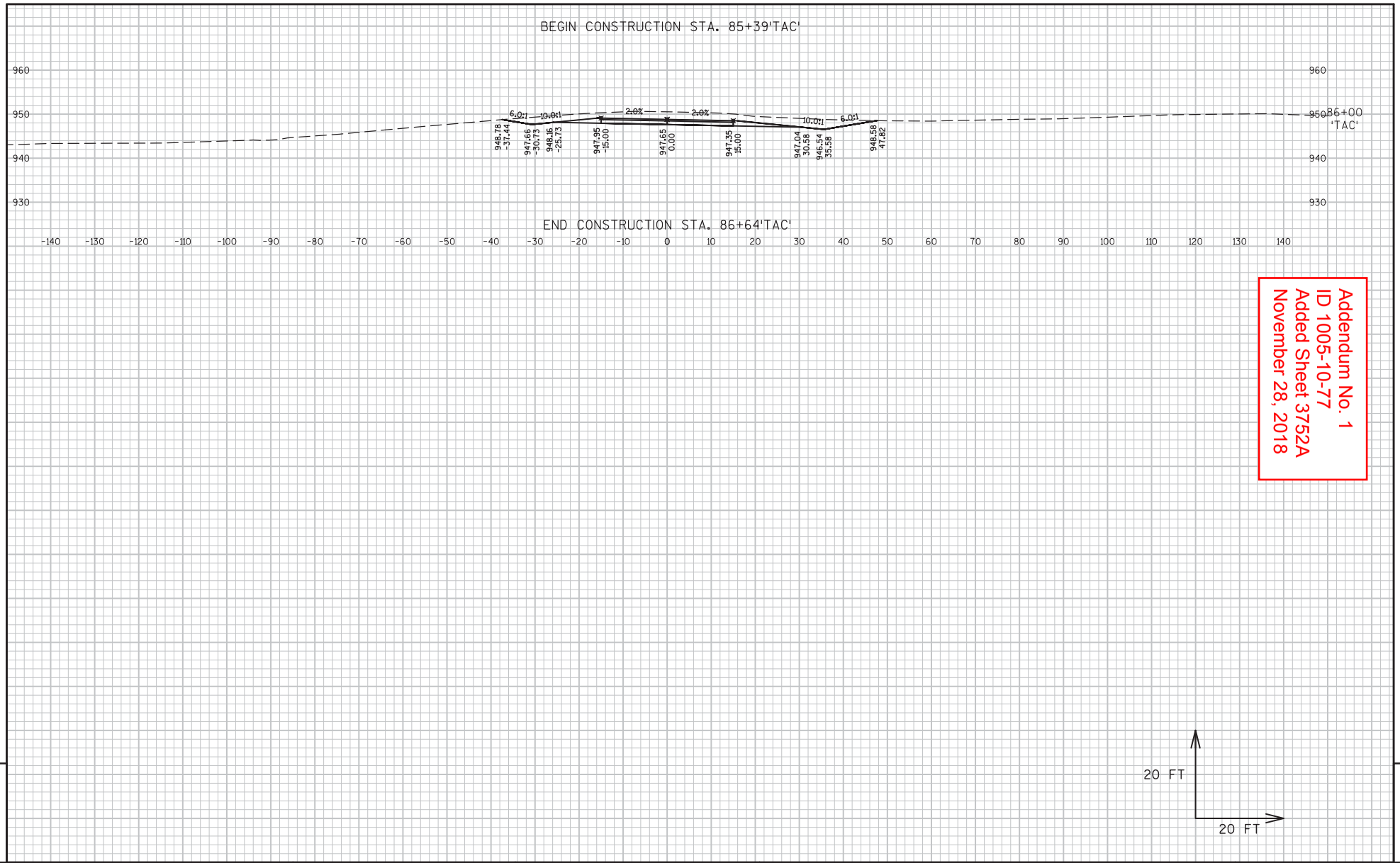
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 SB 'SB' - STAGE 5	SHEET 3737H	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\SB KY-TL - 5.1 77.DWG PLOT DATE : 11/9/2018 1:00 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - SB (9)



Addendum No. 1
ID 1005-10-77
Added Sheet 3752A
November 28, 2018

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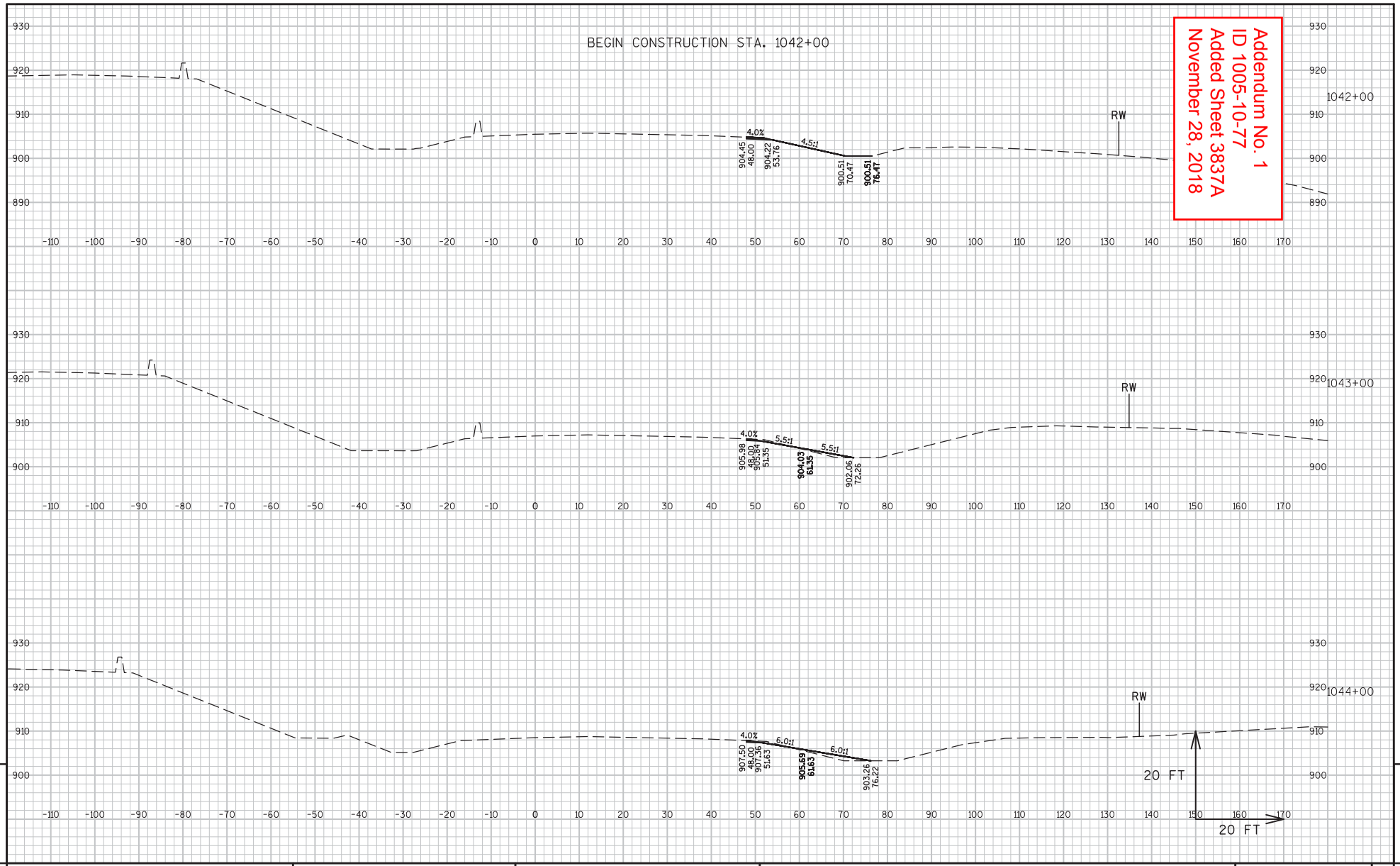
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS: MAINTENANCE CROSSOVER 'TAC' - STAGE 5	SHEET 3752A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\090113_TAC.DWG PLOT DATE : 11/7/2018 9:19 AM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT
LAYOUT NAME - TAC (1)

Addendum No. 1
ID 1005-10-77
Added Sheet 3837A
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 6	SHEET 3837A	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.2 77.DWG PLOT DATE : 11/5/2018 12:07 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB- (1)

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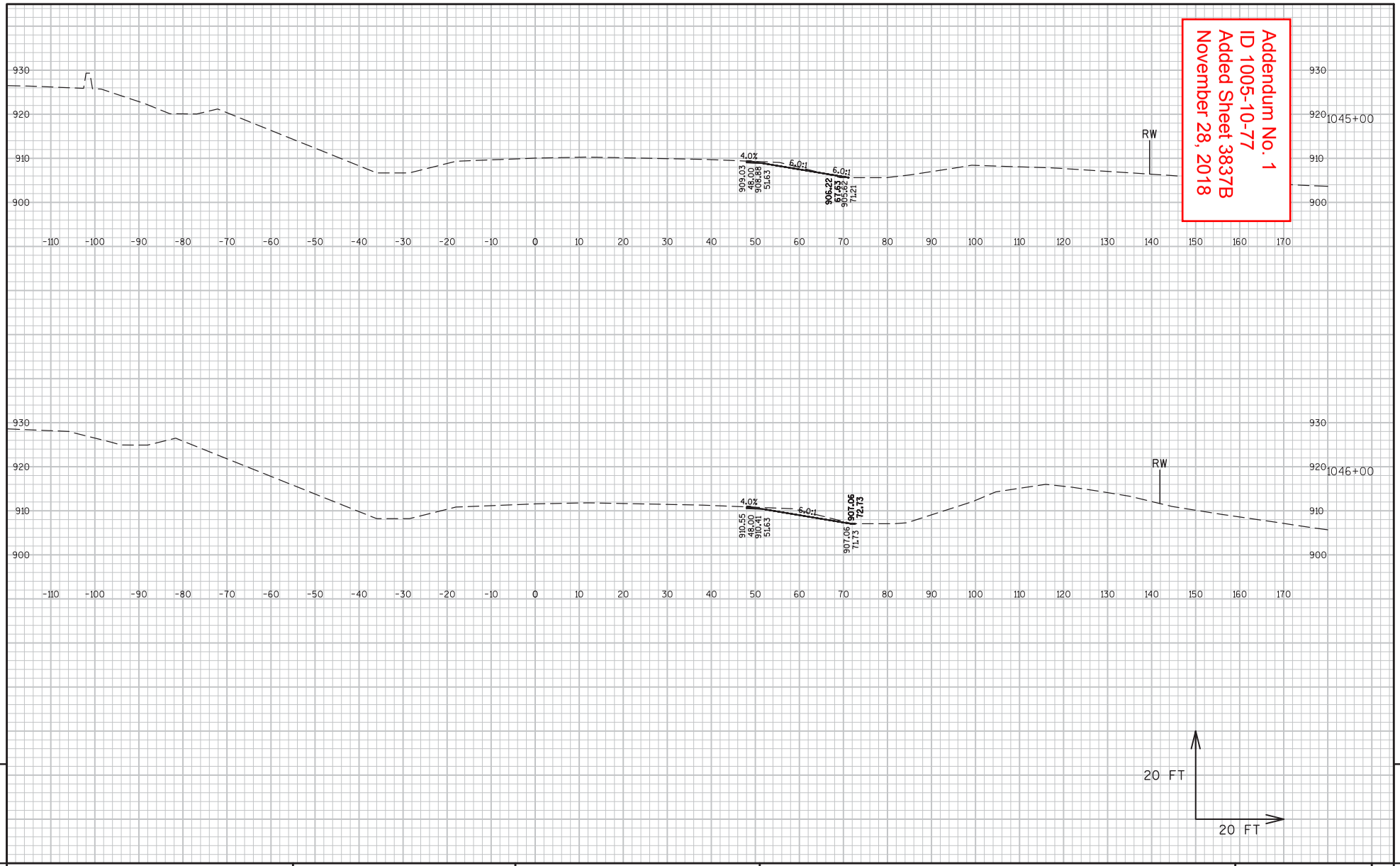
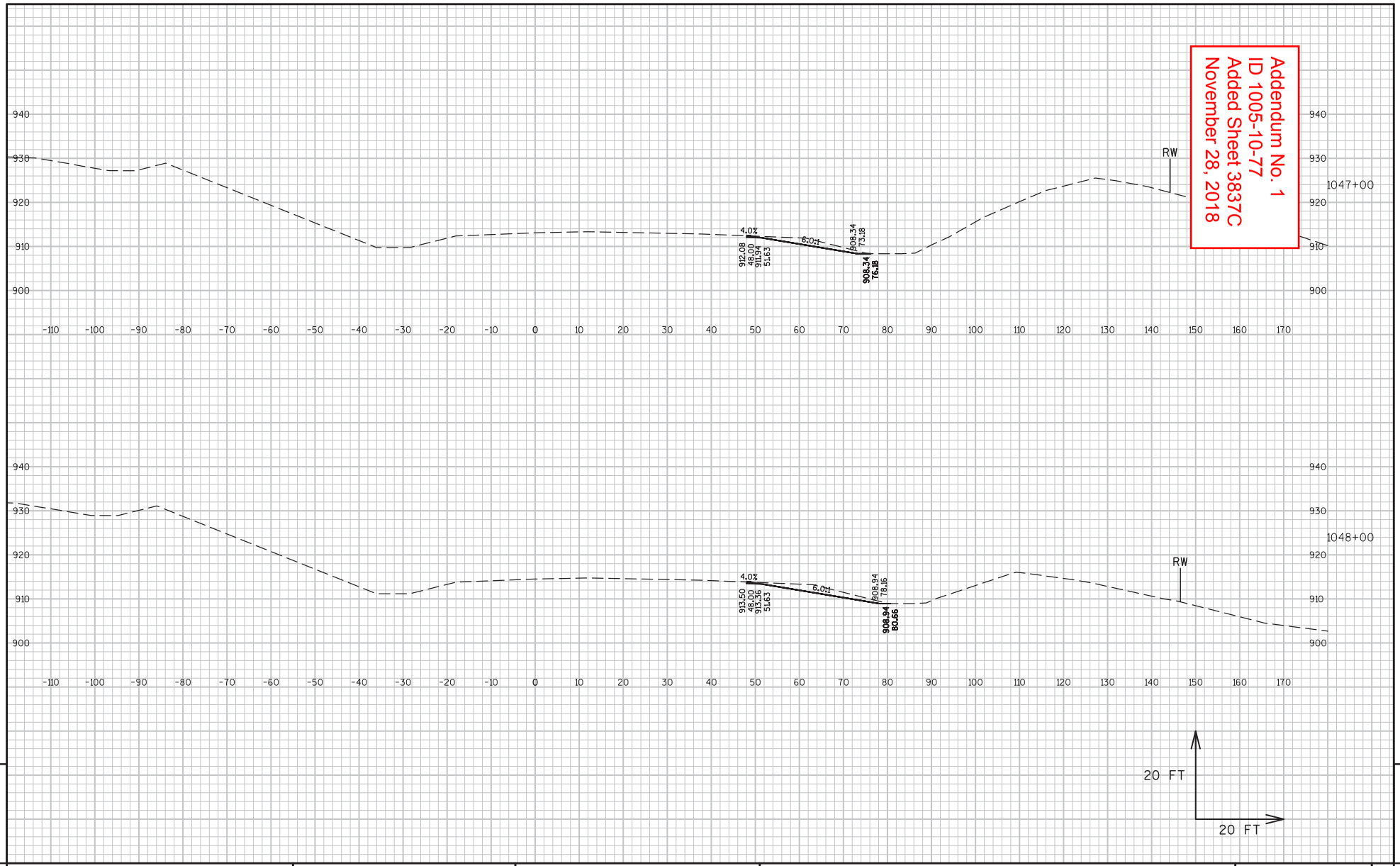
Addendum No. 1
ID 1005-10-77
Added Sheet 3837B
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 6	SHEET 3837B	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.2 77.DWG PLOT DATE : 11/5/2018 12:07 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB-1 (2)

Addendum No. 1
ID 1005-10-77
Added Sheet 3837C
November 28, 2018



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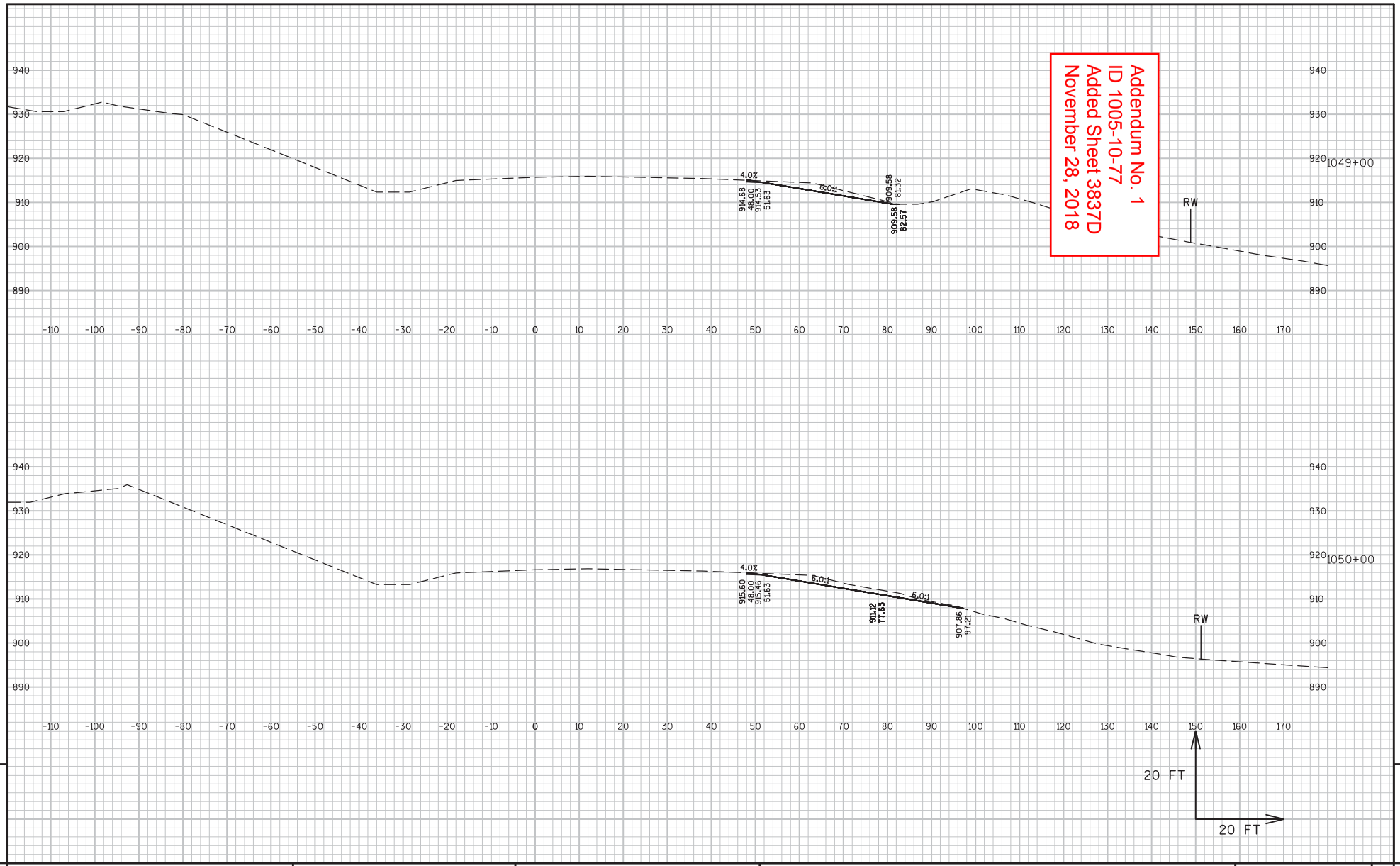
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 6	SHEET 3837C	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.2 77.DWG PLOT DATE : 11/5/2018 12:07 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB- (3)

Addendum No. 1
ID 1005-10-77
Added Sheet 3837D
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 6	SHEET 3837D	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.2 77.DWG PLOT DATE : 11/5/2018 12:07 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB- (4)

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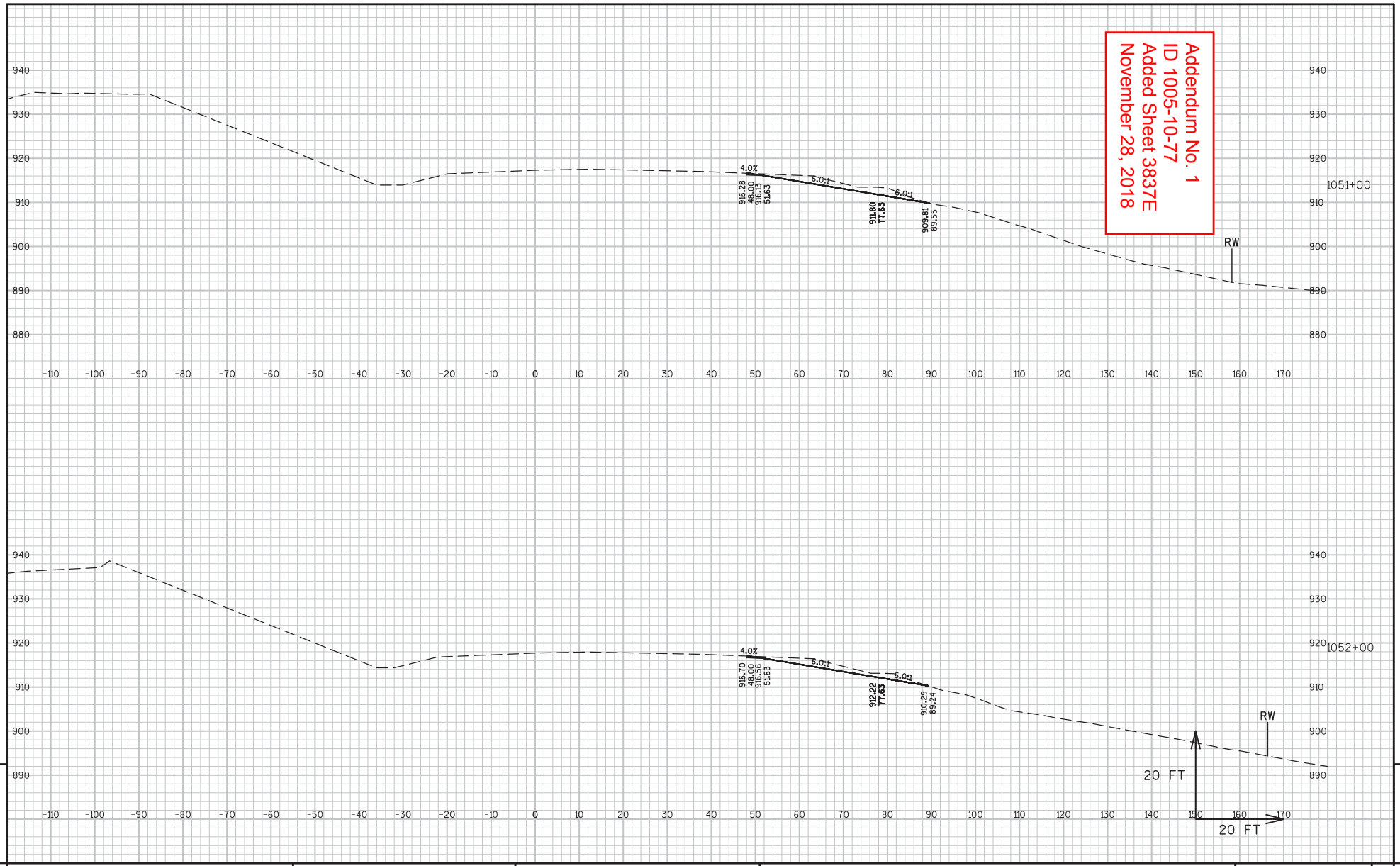
Addendum No. 1
ID 1005-10-77
Added Sheet 3837E
November 28, 2018



PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 6	SHEET 3837E	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.2 77.DWG PLOT DATE : 11/5/2018 12:07 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB- (5)

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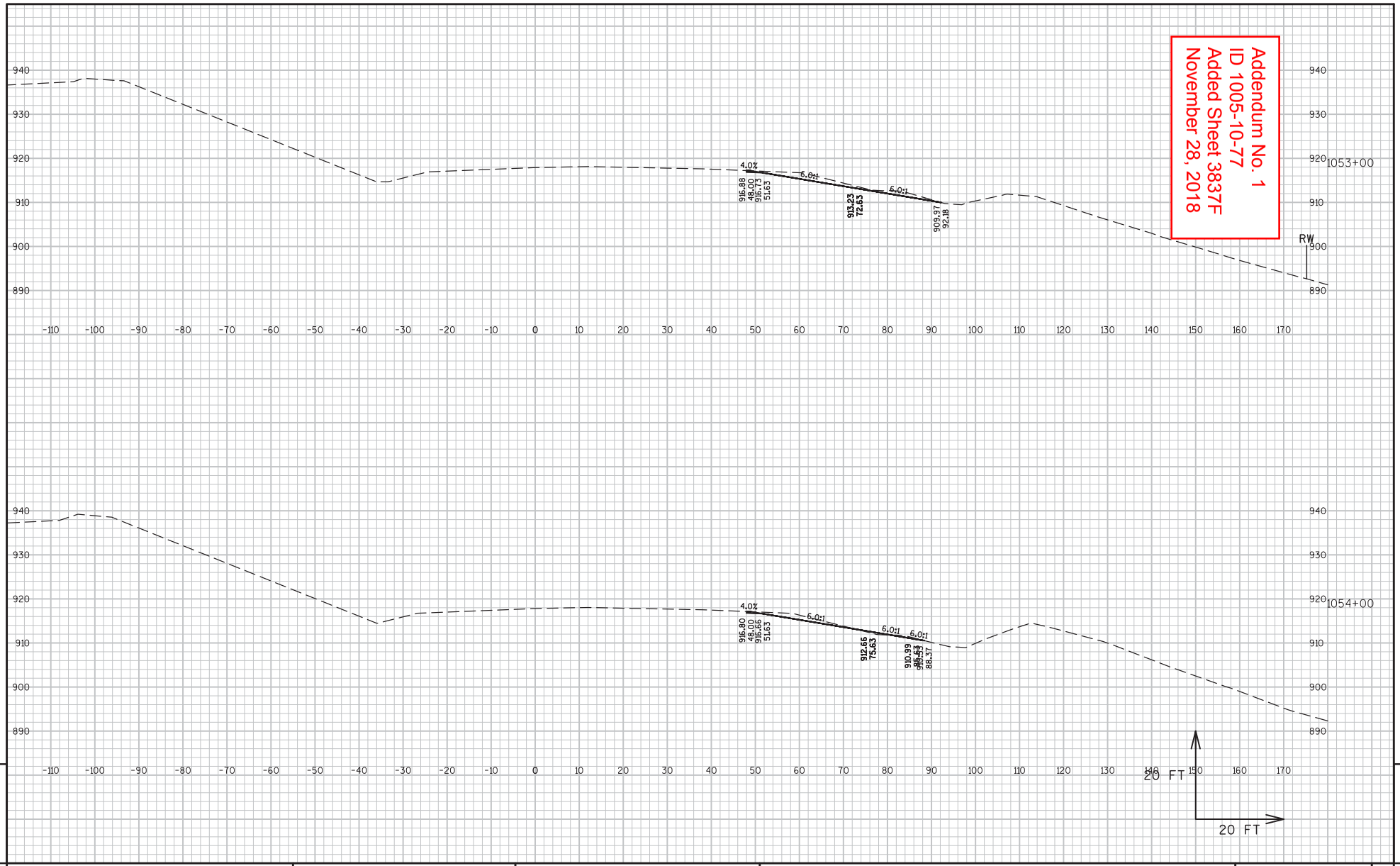
Addendum No. 1
ID 1005-10-77
Added Sheet 3837F
November 28, 2018



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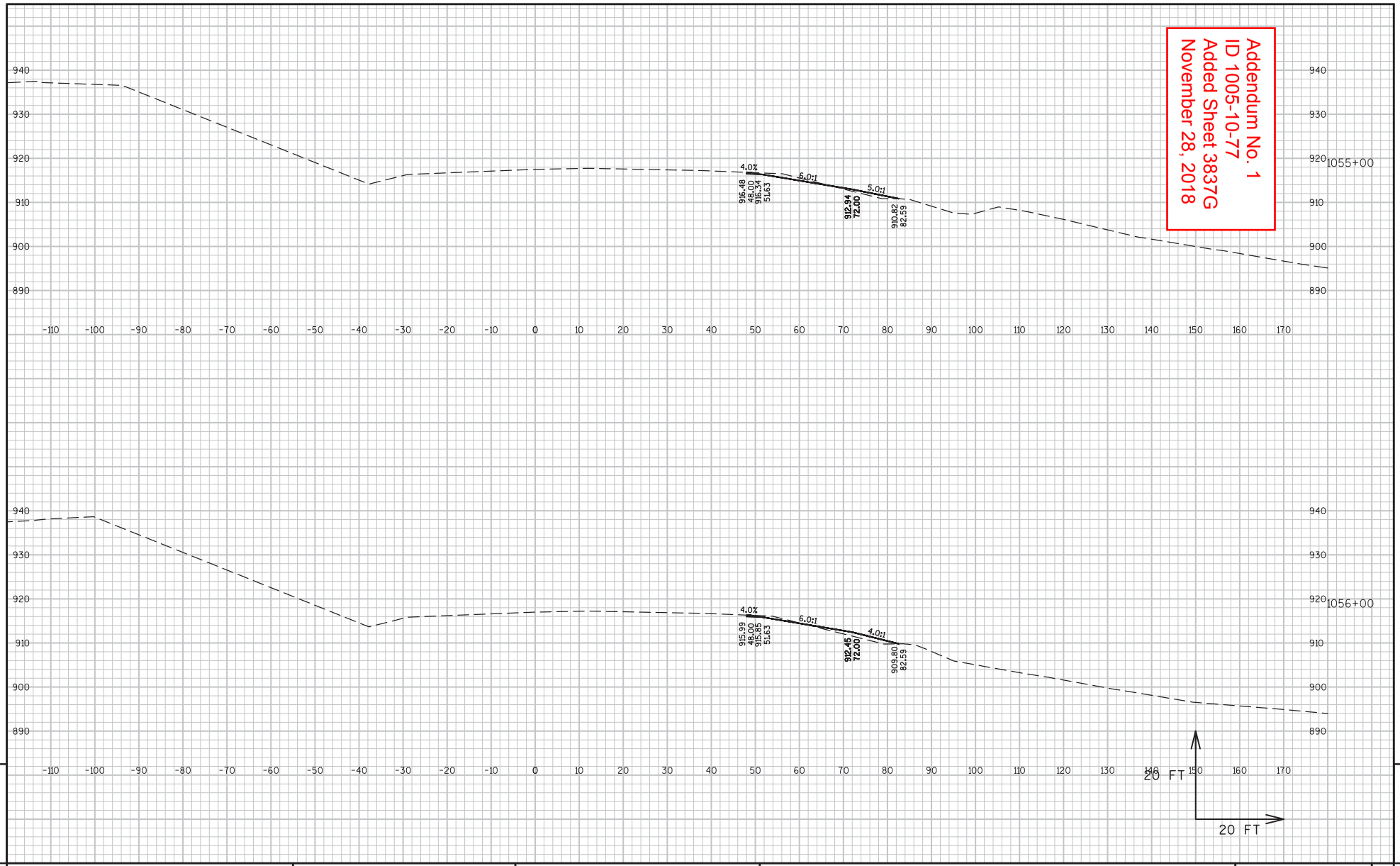
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 6	SHEET 3837F	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.2 77.DWG PLOT DATE : 11/5/2018 12:07 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB-1 (6)

Addendum No. 1
ID 1005-10-77
Added Sheet 3837G
November 28, 2018



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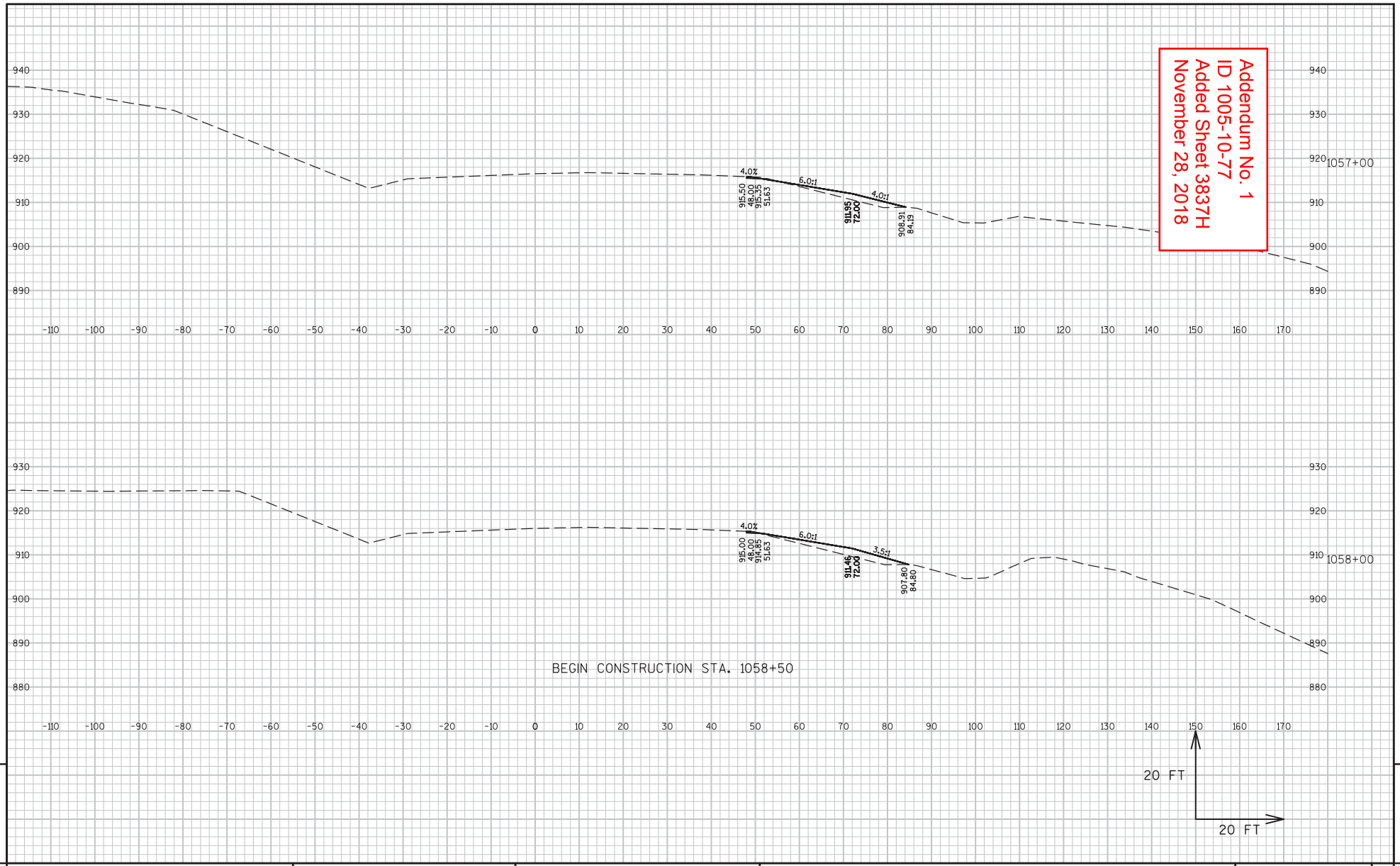
PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 6	SHEET 3837G	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.2 77.DWG PLOT DATE : 11/5/2018 12:07 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB- (7)

Addendum No. 1
ID 1005-10-77
Added Sheet 3837H
November 28, 2018



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PROJECT NO:1005-10-77	HWY:IH 39/90	COUNTY:ROCK	CROSS SECTIONS:IH 39/90 NB - STAGE 6	SHEET 3837H	E

FILE NAME : G:\WDOTSW\WSW10-11032\CIVIL3D\SEGMENT3_RURAL\SHEETSPLAN\CROSS SECTIONS\PS&E - STAGED\NB KY-TL - 5.2 77.DWG PLOT DATE : 11/5/2018 12:07 PM PLOT BY : BRIAN ST. VINCENT PLOT NAME : PLOT SCALE : 1 IN:20 FT WISDOT/CADDS SHEET 49
LAYOUT NAME - NB- (8)

Proposal ID: 20181211001 Project(s): 1005-10-77, 1005-10-83, 1005-10-87, 5569-00-71

Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	163.000 STA	_____._____	_____._____
0004	201.0205 Grubbing	163.000 STA	_____._____	_____._____
0006	203.0100 Removing Small Pipe Culverts	89.000 EACH	_____._____	_____._____
0008	203.0200 Removing Old Structure (station) 001. STA. 922+11 'SB'	LS	LUMP SUM	_____._____
0010	203.0200 Removing Old Structure (station) 002. STA. 921+58	LS	LUMP SUM	_____._____
0012	203.0200 Removing Old Structure (station) 003. STA 963+07 'SB'	LS	LUMP SUM	_____._____
0014	203.0200 Removing Old Structure (station) 004. STA 963+31	LS	LUMP SUM	_____._____
0016	203.0200 Removing Old Structure (station) 005. STA 982+88 'SB'	LS	LUMP SUM	_____._____
0018	203.0200 Removing Old Structure (station) 006. STA 983+02	LS	LUMP SUM	_____._____
0020	203.0200 Removing Old Structure (station) 007. 1014+80'SB'	LS	LUMP SUM	_____._____
0022	203.0200 Removing Old Structure (station) 008. 1015+06.71	LS	LUMP SUM	_____._____
0024	203.0225.S Debris Containment (structure) 001. B-53-65	LS	LUMP SUM	_____._____
0026	203.0225.S Debris Containment (structure) 002. B-53-66	LS	LUMP SUM	_____._____
0028	203.0225.S Debris Containment (structure) 003. B-53-85	LS	LUMP SUM	_____._____

Proposal ID: 20181211001 Project(s): 1005-10-77, 1005-10-83, 1005-10-87, 5569-00-71

Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	203.0225.S Debris Containment (structure) 004. B-53-86	LS	LUMP SUM	_____._____
0032	203.0225.S Debris Containment (structure) 005. B-53-83	LS	LUMP SUM	_____._____
0034	203.0225.S Debris Containment (structure) 006. B-53-84	LS	LUMP SUM	_____._____
0036	204.0100 Removing Pavement	186,149.000 SY	_____._____	_____._____
0038	204.0110 Removing Asphaltic Surface	2,820.000 SY	_____._____	_____._____
0040	204.0150 Removing Curb & Gutter	17,203.000 LF	_____._____	_____._____
0042	204.0155 Removing Concrete Sidewalk	3,289.000 SY	_____._____	_____._____
0044	204.0157 Removing Concrete Barrier	205.000 LF	_____._____	_____._____
0046	204.0165 Removing Guardrail	9,548.000 LF	_____._____	_____._____
0048	204.0170 Removing Fence	31,862.000 LF	_____._____	_____._____
0050	204.0180 Removing Delineators and Markers	140.000 EACH	_____._____	_____._____
0052	204.0185 Removing Masonry	4.000 CY	_____._____	_____._____
0054	204.0195 Removing Concrete Bases	134.000 EACH	_____._____	_____._____
0056	204.0210 Removing Manholes	22.000 EACH	_____._____	_____._____
0058	204.0220 Removing Inlets	147.000 EACH	_____._____	_____._____
0060	204.0245 Removing Storm Sewer (size) 001. 12-Inch	2,553.000 LF	_____._____	_____._____

Proposal ID: 20181211001 Project(s): 1005-10-77, 1005-10-83, 1005-10-87, 5569-00-71

Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	204.0245 Removing Storm Sewer (size) 002. 15-Inch	1,927.000 LF	_____._____	_____._____
0064	204.0245 Removing Storm Sewer (size) 003. 18-Inch	5,331.000 LF	_____._____	_____._____
0066	204.0245 Removing Storm Sewer (size) 004. 24-Inch	1,932.000 LF	_____._____	_____._____
0068	204.0245 Removing Storm Sewer (size) 005. 19X30-Inch	133.000 LF	_____._____	_____._____
0070	204.0245 Removing Storm Sewer (size) 006. 30-Inch	697.000 LF	_____._____	_____._____
0072	204.0245 Removing Storm Sewer (size) 007. 36-Inch	462.000 LF	_____._____	_____._____
0074	204.0245 Removing Storm Sewer (size) 008. 42-Inch	184.000 LF	_____._____	_____._____
0076	204.0275 Closing Culvert Pipes	10.000 EACH	_____._____	_____._____
0078	204.0291.S Abandoning Sewer	203.000 CY	_____._____	_____._____
0080	204.9060.S Removing (item description) 001. Removing One Sided Vertical Panels	65.000 EACH	_____._____	_____._____
0082	204.9060.S Removing (item description) 002. Removing Gates Pipe Single Leaf	1.000 EACH	_____._____	_____._____
0084	204.9090.S Removing (item description) 001. Removing Discontinued Gas Main Steel Pipe 8-Inch	449.000 LF	_____._____	_____._____
0086	204.9090.S Removing (item description) 002. Removing Discontinued Gas Main Steel Pipe 12-Inch	111.000 LF	_____._____	_____._____

Proposal ID: 20181211001 Project(s): 1005-10-77, 1005-10-83, 1005-10-87, 5569-00-71

Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0088	204.9090.S Removing (item description) 003. Removing Discontinued Water Main Ductile Iron Pipe 16-Inch	420.000 LF	_____._____	_____._____
0090	204.9090.S Removing (item description) 004. Removing Discontinued Sanitary Main Concrete Pipe 10-Inch	120.000 LF	_____._____	_____._____
0092	204.9105.S Removing (item description) 001. Removing Temporary Overhead Electrical Feed	LS	LUMP SUM	_____._____
0094	204.9180.S Removing (item description) 001. Removing Concrete Flumes	390.000 SY	_____._____	_____._____
0096	205.0100 Excavation Common	920,656.000 CY	_____._____	_____._____
0098	206.1000 Excavation for Structures Bridges (structure) 001. B-53-0338	LS	LUMP SUM	_____._____
0100	206.1000 Excavation for Structures Bridges (structure) 002. B-53-0339	LS	LUMP SUM	_____._____
0102	206.1000 Excavation for Structures Bridges (structure) 003. B-53-0371	LS	LUMP SUM	_____._____
0104	206.1000 Excavation for Structures Bridges (structure) 004. B-53-0341	LS	LUMP SUM	_____._____
0106	206.1000 Excavation for Structures Bridges (structure) 005. B-53-0342	LS	LUMP SUM	_____._____
0108	206.1000 Excavation for Structures Bridges (structure) 006. B-53-0343	LS	LUMP SUM	_____._____
0110	206.1000 Excavation for Structures Bridges (structure) 007. B-53-0344	LS	LUMP SUM	_____._____
0112	206.1000 Excavation for Structures Bridges (structure) 008. B-53-0345	LS	LUMP SUM	_____._____

Proposal ID: 20181211001 Project(s): 1005-10-77, 1005-10-83, 1005-10-87, 5569-00-71

Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0114	206.1000 Excavation for Structures Bridges (structure) 009. B-53-0346	LS	LUMP SUM	_____._____
0116	206.1000 Excavation for Structures Bridges (structure) 010. B-53-0347	LS	LUMP SUM	_____._____
0118	206.3000 Excavation for Structures Retaining Walls (structure) 001. R-53-0058	LS	LUMP SUM	_____._____
0120	206.3000 Excavation for Structures Retaining Walls (structure) 002. R-53-0059	LS	LUMP SUM	_____._____
0122	208.1100 Select Borrow	145,866.000 CY	_____._____	_____._____
0124	209.1500 Backfill Granular Grade 1	37,635.000 TON	_____._____	_____._____
0126	210.1500 Backfill Structure Type A	9,230.000 TON	_____._____	_____._____
0128	211.0200 Prepare Foundation for Concrete Pavement (project) 001. 1005-10-77	LS	LUMP SUM	_____._____
0130	211.0400 Prepare Foundation for Asphaltic Shoulders	11.000 STA	_____._____	_____._____
0132	213.0100 Finishing Roadway (project) 001. 1005-10-77	1.000 EACH	_____._____	_____._____
0134	213.0100 Finishing Roadway (project) 002. 1005-10-87	1.000 EACH	_____._____	_____._____
0136	213.0100 Finishing Roadway (project) 003. 5569-00-71	1.000 EACH	_____._____	_____._____
0138	305.0110 Base Aggregate Dense 3/4-Inch	11,100.000 TON	_____._____	_____._____
0140	305.0120 Base Aggregate Dense 1 1/4-Inch	287,417.000 TON	_____._____	_____._____

Proposal ID: 20181211001 Project(s): 1005-10-77, 1005-10-83, 1005-10-87, 5569-00-71

Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0142	305.0130 Base Aggregate Dense 3-Inch	14,820.000 TON	_____._____	_____._____
0144	310.0110 Base Aggregate Open-Graded	750.000 TON	_____._____	_____._____
0146	312.0110 Select Crushed Material	412,470.000 TON	_____._____	_____._____
0148	405.0100 Coloring Concrete WisDOT Red	575.000 CY	_____._____	_____._____
0150	405.0200 Coloring Concrete Custom	1,106.000 CY	_____._____	_____._____
0152	415.0090 Concrete Pavement 9-Inch	2,050.000 SY	_____._____	_____._____
0154	415.0100 Concrete Pavement 10-Inch	155,407.000 SY	_____._____	_____._____
0156	415.0110 Concrete Pavement 11-Inch	11,200.000 SY	_____._____	_____._____
0158	415.0120 Concrete Pavement 12-Inch	15,900.000 SY	_____._____	_____._____
0160	415.0130 Concrete Pavement 13-Inch	203,800.000 SY	_____._____	_____._____
0162	415.0210 Concrete Pavement Gaps	15.000 EACH	_____._____	_____._____
0164	415.0410 Concrete Pavement Approach Slab	3,120.000 SY	_____._____	_____._____
0166	415.1100 Concrete Pavement HES 10-Inch	7,512.000 SY	_____._____	_____._____
0168	415.6000.S Rout and Seal	22,109.000 LF	_____._____	_____._____
0170	416.0160 Concrete Driveway 6-Inch	136.000 SY	_____._____	_____._____
0172	416.0512 Concrete Truck Apron 12-Inch	800.000 SY	_____._____	_____._____
0174	416.0610 Drilled Tie Bars	1,978.000 EACH	_____._____	_____._____

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Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0176	416.0620 Drilled Dowel Bars	851.000 EACH	_____._____	_____._____
0178	416.1010 Concrete Surface Drains	26.000 CY	_____._____	_____._____
0180	416.1110 Concrete Shoulder Rumble Strips	75,400.000 LF	_____._____	_____._____
0182	450.4000 HMA Cold Weather Paving	1,440.000 TON	_____._____	_____._____
0184	455.0605 Tack Coat	5,608.000 GAL	_____._____	_____._____
0186	460.2000 Incentive Density HMA Pavement	17,482.000 DOL	1.00000	17,482.00
0188	460.5223 HMA Pavement 3 LT 58-28 S	2,434.000 TON	_____._____	_____._____
0190	460.5224 HMA Pavement 4 LT 58-28 S	7,221.000 TON	_____._____	_____._____
0192	460.6223 HMA Pavement 3 MT 58-28 S	3,780.000 TON	_____._____	_____._____
0194	460.6424 HMA Pavement 4 MT 58-28 H	3,000.000 TON	_____._____	_____._____
0196	460.7223 HMA Pavement 3 HT 58-28 S	7,057.000 TON	_____._____	_____._____
0198	460.7224 HMA Pavement 4 HT 58-28 S	131.000 TON	_____._____	_____._____
0200	460.7424 HMA Pavement 4 HT 58-28 H	4,909.000 TON	_____._____	_____._____
0202	465.0105 Asphaltic Surface	105.000 TON	_____._____	_____._____
0204	465.0120 Asphaltic Surface Driveways and Field Entrances	40.000 TON	_____._____	_____._____
0206	465.0305 Asphaltic Surface Safety Islands	130.000 TON	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0208	465.0310 Asphaltic Curb	835.000 LF	_____._____	_____._____
0210	465.0315 Asphaltic Flumes	197.000 SY	_____._____	_____._____
0212	465.0400 Asphaltic Shoulder Rumble Strips	9,800.000 LF	_____._____	_____._____
0214	501.1000.S Ice Hot Weather Concreting	86,645.000 LB	_____._____	_____._____
0216	502.0100 Concrete Masonry Bridges	3,697.000 CY	_____._____	_____._____
0218	502.3200 Protective Surface Treatment	11,077.000 SY	_____._____	_____._____
0220	502.3210 Pigmented Surface Sealer	2,931.000 SY	_____._____	_____._____
0222	503.0137 Prestressed Girder Type I 36W-Inch	5,932.000 LF	_____._____	_____._____
0224	503.0146 Prestressed Girder Type I 45W-Inch	9,325.000 LF	_____._____	_____._____
0226	504.0500 Concrete Masonry Retaining Walls	5,105.000 CY	_____._____	_____._____
0228	504.0900 Concrete Masonry Endwalls	12.000 CY	_____._____	_____._____
0230	505.0400 Bar Steel Reinforcement HS Structures	188,500.000 LB	_____._____	_____._____
0232	505.0600 Bar Steel Reinforcement HS Coated Structures	2,252,360.000 LB	_____._____	_____._____
0234	505.0800.S Bar Steel Reinforcement HS Stainless Structures	40,020.000 LB	_____._____	_____._____
0236	506.2605 Bearing Pads Elastomeric Non-Laminated	338.000 EACH	_____._____	_____._____
0238	506.4000 Steel Diaphragms (structure) 001. B-53-0338	48.000 EACH	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0240	506.4000 Steel Diaphragms (structure) 002. B-53-0339	48.000 EACH	_____._____	_____._____
0242	506.4000 Steel Diaphragms (structure) 003. B-53-0371	22.000 EACH	_____._____	_____._____
0244	506.4000 Steel Diaphragms (structure) 004. B-53-0341	20.000 EACH	_____._____	_____._____
0246	506.4000 Steel Diaphragms (structure) 005. B-53-0342	48.000 EACH	_____._____	_____._____
0248	506.4000 Steel Diaphragms (structure) 006. B-53-0343	48.000 EACH	_____._____	_____._____
0250	506.4000 Steel Diaphragms (structure) 007. B-53-0344	11.000 EACH	_____._____	_____._____
0252	506.4000 Steel Diaphragms (structure) 008. B-53-0345	11.000 EACH	_____._____	_____._____
0254	506.4000 Steel Diaphragms (structure) 009. B-53-346	16.000 EACH	_____._____	_____._____
0256	506.4000 Steel Diaphragms (structure) 010. B-53-0347	16.000 EACH	_____._____	_____._____
0258	511.1200 Temporary Shoring (structure) 001. B-53-0339	730.000 SF	_____._____	_____._____
0260	511.1200 Temporary Shoring (structure) 002. B-53-0341	980.000 SF	_____._____	_____._____
0262	511.1200 Temporary Shoring (structure) 003. B-53-0343	1,330.000 SF	_____._____	_____._____
0264	511.1200 Temporary Shoring (structure) 004. B-53-0345	2,020.000 SF	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0266	511.1200 Temporary Shoring (structure) 005. B-53-347	1,900.000 SF	_____._____	_____._____
0268	511.1200 Temporary Shoring (structure) 006. R-53-0046	430.000 SF	_____._____	_____._____
0270	511.1300 Temporary Shoring (location) 001. S2P1, Kennedy - End	3,040.000 SF	_____._____	_____._____
0272	511.1300 Temporary Shoring (location) 002. S2P3, Begin - USH 14	6,300.000 SF	_____._____	_____._____
0274	511.1300 Temporary Shoring (location) 003. S2P4, USH 14 - Ryan	10,970.000 SF	_____._____	_____._____
0276	511.1300 Temporary Shoring (location) 004. S2P4, Ryan - STH 26	790.000 SF	_____._____	_____._____
0278	511.2200 Temporary Shoring Left in Place (structure) 001. R-53-0059	1,100.000 SF	_____._____	_____._____
0280	511.2300 Temp Shoring Left in Place (location) 001. S2P4, WSOR - Kennedy	11,110.000 SF	_____._____	_____._____
0282	511.2300 Temp Shoring Left in Place (location) 002. S3, WSOR-Kennedy	11,930.000 SF	_____._____	_____._____
0284	513.4091 Railing Tubular Screening 001. R-53-0044	364.000 LF	_____._____	_____._____
0286	513.4091 Railing Tubular Screening 002. R-53-0045	379.000 LF	_____._____	_____._____
0288	513.4091 Railing Tubular Screening 003. R-53-0053	325.000 LF	_____._____	_____._____
0290	513.4091 Railing Tubular Screening 004. R-53-0054	335.000 LF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0292	513.8011 Railing Steel Pedestrian Type C2	200.000 LF	_____._____	_____._____
0294	516.0500 Rubberized Membrane Waterproofing	919.000 SY	_____._____	_____._____
0296	517.1010.S Concrete Staining (structure) 001. B-53-0338	11,660.000 SF	_____._____	_____._____
0298	517.1010.S Concrete Staining (structure) 002. B-53-0339	11,762.000 SF	_____._____	_____._____
0300	517.1010.S Concrete Staining (structure) 003. B-53-0371	4,513.000 SF	_____._____	_____._____
0302	517.1010.S Concrete Staining (structure) 004. B-53-0341	4,380.000 SF	_____._____	_____._____
0304	517.1010.S Concrete Staining (structure) 005. B-53-0342	9,190.000 SF	_____._____	_____._____
0306	517.1010.S Concrete Staining (structure) 006. B-53-0343	9,304.000 SF	_____._____	_____._____
0308	517.1010.S Concrete Staining (structure) 007. B-53-0346	4,340.000 SF	_____._____	_____._____
0310	517.1010.S Concrete Staining (structure) 008. B-53-0347	4,300.000 SF	_____._____	_____._____
0312	517.1010.S Concrete Staining (structure) 009. R-53-0042	15,260.000 SF	_____._____	_____._____
0314	517.1010.S Concrete Staining (structure) 010. R-53-0043	15,690.000 SF	_____._____	_____._____
0316	517.1010.S Concrete Staining (structure) 011. R-53-0044	4,860.000 SF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0318	517.1010.S Concrete Staining (structure) 012. R-53-0045	5,390.000 SF	_____._____	_____._____
0320	517.1010.S Concrete Staining (structure) 013. R-53-0047	17,212.000 SF	_____._____	_____._____
0322	517.1010.S Concrete Staining (structure) 014. R-53-0048	70,817.000 SF	_____._____	_____._____
0324	517.1010.S Concrete Staining (structure) 015. R-53-0049	21,149.000 SF	_____._____	_____._____
0326	517.1010.S Concrete Staining (structure) 016. R-53-0053	4,670.000 SF	_____._____	_____._____
0328	517.1010.S Concrete Staining (structure) 017. R-53-0054	5,200.000 SF	_____._____	_____._____
0330	517.1010.S Concrete Staining (structure) 018. R-53-0055	16,450.000 SF	_____._____	_____._____
0332	517.1010.S Concrete Staining (structure) 019. R-53-0058	4,275.000 SF	_____._____	_____._____
0334	517.1010.S Concrete Staining (structure) 020. R-53-0059	5,050.000 SF	_____._____	_____._____
0336	517.1010.S Concrete Staining (structure) 021. S-53-0078	1,360.000 SF	_____._____	_____._____
0338	517.1010.S Concrete Staining (structure) 022. S-53-0079	1,160.000 SF	_____._____	_____._____
0340	517.1010.S Concrete Staining (structure) 023. S-53-0080	1,440.000 SF	_____._____	_____._____
0342	517.1010.S Concrete Staining (structure) 024. S-53-0081	1,080.000 SF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0344	517.1010.S Concrete Staining (structure) 025. S-53-0082	1,050.000 SF	_____._____	_____._____
0346	517.1010.S Concrete Staining (structure) 026. S-53-0083	1,460.000 SF	_____._____	_____._____
0348	517.1010.S Concrete Staining (structure) 027. S-53-0084	310.000 SF	_____._____	_____._____
0350	517.1010.S Concrete Staining (structure) 028. S-53-0085	1,050.000 SF	_____._____	_____._____
0352	517.1010.S Concrete Staining (structure) 029. Northbound Gateway Sign	722.000 SF	_____._____	_____._____
0354	517.1010.S Concrete Staining (structure) 030. Southbound Gateway Sign	714.000 SF	_____._____	_____._____
0356	517.1050.S Architectural Surface Treatment (structure) 001. B-53-0338	1,510.000 SF	_____._____	_____._____
0358	517.1050.S Architectural Surface Treatment (structure) 002. B-53-0339	1,567.000 SF	_____._____	_____._____
0360	517.1050.S Architectural Surface Treatment (structure) 003. B-53-0371	1,145.000 SF	_____._____	_____._____
0362	517.1050.S Architectural Surface Treatment (structure) 004. B-53-0341	1,265.000 SF	_____._____	_____._____
0364	517.1050.S Architectural Surface Treatment (structure) 005. B-53-0342	1,151.000 SF	_____._____	_____._____
0366	517.1050.S Architectural Surface Treatment (structure) 006. B-53-0343	1,267.000 SF	_____._____	_____._____
0368	517.1050.S Architectural Surface Treatment (structure) 007. B-53-346	770.000 SF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0370	517.1050.S Architectural Surface Treatment (structure) 008. B-53-0347	710.000 SF	_____._____	_____._____
0372	517.1050.S Architectural Surface Treatment (structure) 009. R-53-0042	8,130.000 SF	_____._____	_____._____
0374	517.1050.S Architectural Surface Treatment (structure) 010. R-53-0043	9,650.000 SF	_____._____	_____._____
0376	517.1050.S Architectural Surface Treatment (structure) 011. R-53-0044	3,510.000 SF	_____._____	_____._____
0378	517.1050.S Architectural Surface Treatment (structure) 012. R-53-0045	3,990.000 SF	_____._____	_____._____
0380	517.1050.S Architectural Surface Treatment (structure) 013. R-53-0047	10,274.000 SF	_____._____	_____._____
0382	517.1050.S Architectural Surface Treatment (structure) 014. R-53-0048	50,003.000 SF	_____._____	_____._____
0384	517.1050.S Architectural Surface Treatment (structure) 015. R-53-0049	14,287.000 SF	_____._____	_____._____
0386	517.1050.S Architectural Surface Treatment (structure) 016. R-53-0053	3,470.000 SF	_____._____	_____._____
0388	517.1050.S Architectural Surface Treatment (structure) 017. R-53-0054	3,960.000 SF	_____._____	_____._____
0390	517.1050.S Architectural Surface Treatment (structure) 018. R-53-0055	11,623.000 SF	_____._____	_____._____
0392	517.1050.S Architectural Surface Treatment (structure) 019. R-53-0058	3,240.000 SF	_____._____	_____._____
0394	517.1050.S Architectural Surface Treatment (structure) 020. R-53-0059	3,900.000 SF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0396	517.1050.S Architectural Surface Treatment (structure) 021. Northbound Gateway Sign	399.000 SF	_____._____	_____._____
0398	517.1050.S Architectural Surface Treatment (structure) 022. Southbound Gateway Sign	374.000 SF	_____._____	_____._____
0400	520.8000 Concrete Collars for Pipe	55.000 EACH	_____._____	_____._____
0402	520.8700 Cleaning Culvert Pipes	60.000 EACH	_____._____	_____._____
0404	521.1012 Apron Endwalls for Culvert Pipe Steel 12-Inch	1.000 EACH	_____._____	_____._____
0406	521.1015 Apron Endwalls for Culvert Pipe Steel 15-Inch	9.000 EACH	_____._____	_____._____
0408	521.1018 Apron Endwalls for Culvert Pipe Steel 18-Inch	12.000 EACH	_____._____	_____._____
0410	521.1024 Apron Endwalls for Culvert Pipe Steel 24-Inch	6.000 EACH	_____._____	_____._____
0412	521.1042 Apron Endwalls for Culvert Pipe Steel 42-Inch	1.000 EACH	_____._____	_____._____
0414	521.2005.S Surface Drain Pipe Corrugated Metal Slotted (inch) 001. 18-Inch	374.000 LF	_____._____	_____._____
0416	521.3112 Culvert Pipe Corrugated Steel 12-Inch	67.000 LF	_____._____	_____._____
0418	521.3115 Culvert Pipe Corrugated Steel 15-Inch	646.000 LF	_____._____	_____._____
0420	521.3118 Culvert Pipe Corrugated Steel 18-Inch	664.000 LF	_____._____	_____._____
0422	521.3124 Culvert Pipe Corrugated Steel 24-Inch	590.000 LF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0424	521.3130 Culvert Pipe Corrugated Steel 30-Inch	15.000 LF	_____._____	_____._____
0426	521.3142 Culvert Pipe Corrugated Steel 42-Inch	114.000 LF	_____._____	_____._____
0428	522.0118 Culvert Pipe Reinforced Concrete Class III 18-Inch	464.000 LF	_____._____	_____._____
0430	522.0124 Culvert Pipe Reinforced Concrete Class III 24-Inch	605.000 LF	_____._____	_____._____
0432	522.0130 Culvert Pipe Reinforced Concrete Class III 30-Inch	110.000 LF	_____._____	_____._____
0434	522.0518 Culvert Pipe Reinforced Concrete Class V 18-Inch	223.000 LF	_____._____	_____._____
0436	522.0524 Culvert Pipe Reinforced Concrete Class V 24-Inch	517.000 LF	_____._____	_____._____
0438	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	19.000 EACH	_____._____	_____._____
0440	522.1015 Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	40.000 EACH	_____._____	_____._____
0442	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	57.000 EACH	_____._____	_____._____
0444	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	61.000 EACH	_____._____	_____._____
0446	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	14.000 EACH	_____._____	_____._____
0448	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	6.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0450	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	6.000 EACH	_____._____	_____._____
0452	522.1048 Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	3.000 EACH	_____._____	_____._____
0454	522.1054 Apron Endwalls for Culvert Pipe Reinforced Concrete 54-Inch	1.000 EACH	_____._____	_____._____
0456	522.2414 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	21.000 LF	_____._____	_____._____
0458	522.2419 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	131.000 LF	_____._____	_____._____
0460	522.2429 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	362.000 LF	_____._____	_____._____
0462	522.2614 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	2.000 EACH	_____._____	_____._____
0464	522.2619 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	3.000 EACH	_____._____	_____._____
0466	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	4.000 EACH	_____._____	_____._____
0468	522.2629 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	1.000 EACH	_____._____	_____._____
0470	522.2634 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 34x53-Inch	3.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0472	524.0612 Apron Endwalls for Culvert Pipe Salvaged 12-Inch	1.000 EACH	_____._____	_____._____
0474	524.0615 Apron Endwalls for Culvert Pipe Salvaged 15-Inch	1.000 EACH	_____._____	_____._____
0476	524.0618 Apron Endwalls for Culvert Pipe Salvaged 18-Inch	3.000 EACH	_____._____	_____._____
0478	524.0624 Apron Endwalls for Culvert Pipe Salvaged 24-Inch	2.000 EACH	_____._____	_____._____
0480	524.0642 Apron Endwalls for Culvert Pipe Salvaged 42-Inch	1.000 EACH	_____._____	_____._____
0482	531.0200.S Noise Barriers Single-Sided Sound Absorptive (structure) 001. N-53-0017	36,250.000 SF	_____._____	_____._____
0484	531.0200.S Noise Barriers Single-Sided Sound Absorptive (structure) 002. N-53-0018	23,390.000 SF	_____._____	_____._____
0486	531.0200.S Noise Barriers Single-Sided Sound Absorptive (structure) 003. N-53-0019	22,650.000 SF	_____._____	_____._____
0488	531.0200.S Noise Barriers Single-Sided Sound Absorptive (structure) 004. N-53-0021	10,580.000 SF	_____._____	_____._____
0490	550.2108 Piling CIP Concrete 10 3/4 X 0.50-Inch	2,880.000 LF	_____._____	_____._____
0492	550.2126 Piling CIP Concrete 12 3/4 X 0.375-Inch	16,290.000 LF	_____._____	_____._____
0494	601.0110 Concrete Curb Type D	12.000 LF	_____._____	_____._____
0496	601.0405 Concrete Curb & Gutter 18-Inch Type A	2,816.000 LF	_____._____	_____._____
0498	601.0407 Concrete Curb & Gutter 18-Inch Type D	1,308.000 LF	_____._____	_____._____

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0500	601.0417 Concrete Curb & Gutter 30-Inch Type K	2,049.000 LF	_____._____	_____._____
0502	601.0419 Concrete Curb & Gutter 30-Inch Type L	4,341.000 LF	_____._____	_____._____
0504	601.0511 Concrete Curb & Gutter Integral 6-Inch Sloped 36-Inch	385.000 LF	_____._____	_____._____
0506	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	155.000 LF	_____._____	_____._____
0508	601.0580 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	730.000 LF	_____._____	_____._____
0510	601.0590 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBTT	219.000 LF	_____._____	_____._____
0512	601.0600 Concrete Curb Pedestrian	784.000 LF	_____._____	_____._____
0514	602.0410 Concrete Sidewalk 5-Inch	148,362.000 SF	_____._____	_____._____
0516	602.0515 Curb Ramp Detectable Warning Field Natural Patina	1,180.000 SF	_____._____	_____._____
0518	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	609.000 SF	_____._____	_____._____
0520	603.1142 Concrete Barrier Type S42	50,320.000 LF	_____._____	_____._____
0522	603.1442 Concrete Barrier Type S42C	3,140.000 LF	_____._____	_____._____
0524	603.1456 Concrete Barrier Type S56C	1,897.000 LF	_____._____	_____._____
0526	603.3559 Concrete Barrier Transition Type S42 to S56	2.000 EACH	_____._____	_____._____
0528	603.8000 Concrete Barrier Temporary Precast Delivered	111,650.000 LF	_____._____	_____._____

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0530	603.8125 Concrete Barrier Temporary Precast Installed	132,425.000 LF	_____._____	_____._____
0532	604.0400 Slope Paving Concrete	707.000 SY	_____._____	_____._____
0534	604.0600 Slope Paving Select Crushed Material	37.000 SY	_____._____	_____._____
0536	606.0200 Riprap Medium	3,900.000 CY	_____._____	_____._____
0538	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	3,394.000 LF	_____._____	_____._____
0540	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	10,666.000 LF	_____._____	_____._____
0542	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	5,604.000 LF	_____._____	_____._____
0544	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	6,600.000 LF	_____._____	_____._____
0546	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	1,502.000 LF	_____._____	_____._____
0548	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	2,148.000 LF	_____._____	_____._____
0550	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	4,347.000 LF	_____._____	_____._____
0552	608.0348 Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	2,520.000 LF	_____._____	_____._____
0554	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	277.000 LF	_____._____	_____._____
0556	608.0512 Storm Sewer Pipe Reinforced Concrete Class V 12-Inch	1,924.000 LF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0558	608.0515 Storm Sewer Pipe Reinforced Concrete Class V 15-Inch	2,184.000 LF	_____._____	_____._____
0560	608.0518 Storm Sewer Pipe Reinforced Concrete Class V 18-Inch	1,616.000 LF	_____._____	_____._____
0562	608.0524 Storm Sewer Pipe Reinforced Concrete Class V 24-Inch	1,676.000 LF	_____._____	_____._____
0564	608.0530 Storm Sewer Pipe Reinforced Concrete Class V 30-Inch	1,044.000 LF	_____._____	_____._____
0566	608.0536 Storm Sewer Pipe Reinforced Concrete Class V 36-Inch	881.000 LF	_____._____	_____._____
0568	608.0542 Storm Sewer Pipe Reinforced Concrete Class V 42-Inch	1,310.000 LF	_____._____	_____._____
0570	608.0548 Storm Sewer Pipe Reinforced Concrete Class V 48-Inch	1,569.000 LF	_____._____	_____._____
0572	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	636.000 LF	_____._____	_____._____
0574	608.2334 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	250.000 LF	_____._____	_____._____
0576	608.2414 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	185.000 LF	_____._____	_____._____
0578	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	105.000 LF	_____._____	_____._____
0580	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	779.000 LF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0582	608.2429 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	166.000 LF	_____._____	_____._____
0584	608.2434 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch	651.000 LF	_____._____	_____._____
0586	611.0420 Reconstructing Manholes	14.000 EACH	_____._____	_____._____
0588	611.0530 Manhole Covers Type J	111.000 EACH	_____._____	_____._____
0590	611.0545 Manhole Covers Type L	1.000 EACH	_____._____	_____._____
0592	611.0606 Inlet Covers Type B	1.000 EACH	_____._____	_____._____
0594	611.0610 Inlet Covers Type BW	295.000 EACH	_____._____	_____._____
0596	611.0612 Inlet Covers Type C	2.000 EACH	_____._____	_____._____
0598	611.0624 Inlet Covers Type H	235.000 EACH	_____._____	_____._____
0600	611.0627 Inlet Covers Type HM	6.000 EACH	_____._____	_____._____
0602	611.0639 Inlet Covers Type H-S	45.000 EACH	_____._____	_____._____
0604	611.0642 Inlet Covers Type MS	70.000 EACH	_____._____	_____._____
0606	611.0651 Inlet Covers Type S	12.000 EACH	_____._____	_____._____
0608	611.0652 Inlet Covers Type T	4.000 EACH	_____._____	_____._____
0610	611.0654 Inlet Covers Type V	46.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0612	611.0666 Inlet Covers Type Z	25.000 EACH	_____._____	_____._____
0614	611.1004 Catch Basins 4-FT Diameter	9.000 EACH	_____._____	_____._____
0616	611.1006 Catch Basins 6-FT Diameter	6.000 EACH	_____._____	_____._____
0618	611.1230 Catch Basins 2x3-FT	8.000 EACH	_____._____	_____._____
0620	611.2004 Manholes 4-FT Diameter	35.000 EACH	_____._____	_____._____
0622	611.2006 Manholes 6-FT Diameter	76.000 EACH	_____._____	_____._____
0624	611.2008 Manholes 8-FT Diameter	5.000 EACH	_____._____	_____._____
0626	611.2033 Manholes 3x3-FT	10.000 EACH	_____._____	_____._____
0628	611.2044 Manholes 4x4-FT	23.000 EACH	_____._____	_____._____
0630	611.2055 Manholes 5x5-FT	6.000 EACH	_____._____	_____._____
0632	611.2066 Manholes 6x6-FT	53.000 EACH	_____._____	_____._____
0634	611.3003 Inlets 3-FT Diameter	22.000 EACH	_____._____	_____._____
0636	611.3004 Inlets 4-FT Diameter	108.000 EACH	_____._____	_____._____
0638	611.3220 Inlets 2x2-FT	9.000 EACH	_____._____	_____._____
0640	611.3225 Inlets 2x2.5-FT	188.000 EACH	_____._____	_____._____
0642	611.3230 Inlets 2x3-FT	200.000 EACH	_____._____	_____._____
0644	611.3901 Inlets Median 1 Grate	34.000 EACH	_____._____	_____._____

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0646	611.3902 Inlets Median 2 Grate	18.000 EACH	_____._____	_____._____
0648	611.8110 Adjusting Manhole Covers	17.000 EACH	_____._____	_____._____
0650	611.8115 Adjusting Inlet Covers	6.000 EACH	_____._____	_____._____
0652	611.8120.S Cover Plates Temporary	168.000 EACH	_____._____	_____._____
0654	611.9710 Salvaged Inlet Covers	2.000 EACH	_____._____	_____._____
0656	611.9800.S Pipe Grates 001. 36-Inch	5.000 EACH	_____._____	_____._____
0658	611.9800.S Pipe Grates 002. 42-Inch	4.000 EACH	_____._____	_____._____
0660	611.9800.S Pipe Grates 003. 48-Inch	3.000 EACH	_____._____	_____._____
0662	611.9800.S Pipe Grates 004. 54-Inch	1.000 EACH	_____._____	_____._____
0664	611.9800.S Pipe Grates 005. 34x53-Inch	4.000 EACH	_____._____	_____._____
0666	612.0106 Pipe Underdrain 6-Inch	13,200.000 LF	_____._____	_____._____
0668	612.0406 Pipe Underdrain Wrapped 6-Inch	13,981.000 LF	_____._____	_____._____
0670	612.0902.S Insulation Board Polystyrene (inch) 001. 2-Inch	60.000 SY	_____._____	_____._____
0672	614.0150 Anchor Assemblies for Steel Plate Beam Guard	16.000 EACH	_____._____	_____._____
0674	614.0230 Steel Thrie Beam	2,375.000 LF	_____._____	_____._____
0676	614.0800 Crash Cushions Permanent	4.000 EACH	_____._____	_____._____

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0678	614.0905 Crash Cushions Temporary	13.000 EACH	_____.____	_____.____
0680	614.2300 MGS Guardrail 3	8,550.000 LF	_____.____	_____.____
0682	614.2500 MGS Thrie Beam Transition	499.000 LF	_____.____	_____.____
0684	614.2610 MGS Guardrail Terminal EAT	13.000 EACH	_____.____	_____.____
0686	614.2620 MGS Guardrail Terminal Type 2	12.000 EACH	_____.____	_____.____
0688	616.0100 Fence Woven Wire (height) 001. 4-FT	2,795.000 LF	_____.____	_____.____
0690	616.0206 Fence Chain Link 6-FT	25,647.000 LF	_____.____	_____.____
0692	616.0329 Gates Chain Link (width) 001. 2.5-FT	4.000 EACH	_____.____	_____.____
0694	616.0360.S Gates Pipe Single Leaf (length) 001. 12-FT	1.000 EACH	_____.____	_____.____
0696	616.0700.S Fence Safety	2,500.000 LF	_____.____	_____.____
0698	618.0100 Maintenance And Repair of Haul Roads (project) 001. 1005-10-77	1.000 EACH	_____.____	_____.____
0700	618.0100 Maintenance And Repair of Haul Roads (project) 002. 1005-10-87	1.000 EACH	_____.____	_____.____
0702	618.0100 Maintenance And Repair of Haul Roads (project) 003. 5569-00-71	1.000 EACH	_____.____	_____.____
0704	619.1000 Mobilization	1.000 EACH	_____.____	_____.____
0706	620.0200 Concrete Median Blunt Nose	292.000 SF	_____.____	_____.____
0708	620.0300 Concrete Median Sloped Nose	5,071.000 SF	_____.____	_____.____

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0710	621.0100 Landmark Reference Monuments	4.000 EACH	_____._____	_____._____
0712	624.0100 Water	8,876.000 MGAL	_____._____	_____._____
0714	625.0100 Topsoil	31,500.000 SY	_____._____	_____._____
0716	625.0500 Salvaged Topsoil	451,450.000 SY	_____._____	_____._____
0718	627.0200 Mulching	377,000.000 SY	_____._____	_____._____
0720	628.1104 Erosion Bales	1,150.000 EACH	_____._____	_____._____
0722	628.1504 Silt Fence	54,345.000 LF	_____._____	_____._____
0724	628.1520 Silt Fence Maintenance	162,890.000 LF	_____._____	_____._____
0726	628.1905 Mobilizations Erosion Control	185.000 EACH	_____._____	_____._____
0728	628.1910 Mobilizations Emergency Erosion Control	95.000 EACH	_____._____	_____._____
0730	628.2004 Erosion Mat Class I Type B	137,000.000 SY	_____._____	_____._____
0732	628.2008 Erosion Mat Urban Class I Type B	177,417.000 SY	_____._____	_____._____
0734	628.2027 Erosion Mat Class II Type C	2,800.000 SY	_____._____	_____._____
0736	628.6510 Soil Stabilizer Type B	2.300 ACRE	_____._____	_____._____
0738	628.7005 Inlet Protection Type A	954.000 EACH	_____._____	_____._____
0740	628.7010 Inlet Protection Type B	439.000 EACH	_____._____	_____._____
0742	628.7015 Inlet Protection Type C	340.000 EACH	_____._____	_____._____

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0744	628.7020 Inlet Protection Type D	88.000 EACH	_____._____	_____._____
0746	628.7504 Temporary Ditch Checks	2,310.000 LF	_____._____	_____._____
0748	628.7515.S Stone or Rock Ditch Checks	15.000 CY	_____._____	_____._____
0750	628.7555 Culvert Pipe Checks	382.000 EACH	_____._____	_____._____
0752	628.7560 Tracking Pads	63.000 EACH	_____._____	_____._____
0754	628.7570 Rock Bags	100.000 EACH	_____._____	_____._____
0756	629.0205 Fertilizer Type A	559.000 CWT	_____._____	_____._____
0758	630.0110 Seeding Mixture No. 10	2,231.000 LB	_____._____	_____._____
0760	630.0120 Seeding Mixture No. 20	8,920.000 LB	_____._____	_____._____
0762	630.0130 Seeding Mixture No. 30	7,686.000 LB	_____._____	_____._____
0764	630.0200 Seeding Temporary	1,567.000 LB	_____._____	_____._____
0766	630.0300 Seeding Borrow Pit	4,500.000 LB	_____._____	_____._____
0768	631.0300 Sod Water	720.000 MGAL	_____._____	_____._____
0770	631.1000 Sod Lawn	31,400.000 SY	_____._____	_____._____
0772	632.0101 Trees (species) (size) (root) 001. Maple, Sugar, B&B, 2 1/2-Inch Cal.	60.000 EACH	_____._____	_____._____
0774	632.0101 Trees (species) (size) (root) 002. Oak, Bur, B&B, 2-Inch Cal.	58.000 EACH	_____._____	_____._____

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0776	632.0101 Trees (species) (size) (root) 003. Oak, Red, B&B, 2-Inch Cal.	40.000 EACH	_____._____	_____._____
0778	632.0101 Trees (species) (size) (root) 004. Elm, New Horizon, B&B, 2-1/2-Inch Cal.	19.000 EACH	_____._____	_____._____
0780	632.0101 Trees (species) (size) (root) 005. Hackberry, Windy City, B&B, 2 1/2-Inch Cal.	13.000 EACH	_____._____	_____._____
0782	632.0101 Trees (species) (size) (root) 005. Hackberry, Windy City, B&B, 2-1/2-Inch Cal.	5.000 EACH	_____._____	_____._____
0784	632.0101 Trees (species) (size) (root) 006. Ginko, Princeton Sentry, B&B, 2-1/2-Inch Cal.	12.000 EACH	_____._____	_____._____
0786	632.0101 Trees (species) (size) (root) 007. Maple, Freeman Marmo, B&B, 2-1/2-Inch Cal.	35.000 EACH	_____._____	_____._____
0788	632.0101 Trees (species) (size) (root) 008. Oak, Northern Pin, B&B, 2-Inch Cal.	37.000 EACH	_____._____	_____._____
0790	632.0101 Trees (species) (size) (root) 009. Planetree, Exclamation, B&B, 2-1/2-Inch Cal.	67.000 EACH	_____._____	_____._____
0792	632.0101 Trees (species) (size) (root) 010. Coffeetree, Espresso, B&B, 2-1/2-Inch Cal.	45.000 EACH	_____._____	_____._____
0794	632.0101 Trees (species) (size) (root) 011. Crabapple, Adirondack, B&B, 6-Foot Ht.	14.000 EACH	_____._____	_____._____
0796	632.0101 Trees (species) (size) (root) 012. Crabapple, Purple Prince (Shrub form Tree), B&B, 6-Foot Ht.	24.000 EACH	_____._____	_____._____
0798	632.0101 Trees (species) (size) (root) 013. Hawthorn, Winter King (Shrub form Tree), B&B, 6-Foot Ht.	54.000 EACH	_____._____	_____._____

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0800	632.0101 Trees (species) (size) (root) 014. Lilac, Japanese Tree Ivory Silk (Shrub form Tree), B&B, 6-Foot Ht.	15.000 EACH	_____._____	_____._____
0802	632.0101 Trees (species) (size) (root) 015. Oak, Swamp White, B&B, 2 1/2-Inch Cal.	29.000 EACH	_____._____	_____._____
0804	632.0101 Trees (species) (size) (root) 016. Elm, Triumph, B&B, 2 1/2-Inch Cal.	30.000 EACH	_____._____	_____._____
0806	632.0101 Trees (species) (size) (root) 017. Arborvitae, Smaragd, B&B, 6-Foot Ht.	14.000 EACH	_____._____	_____._____
0808	632.0101 Trees (species) (size) (root) 018. Hickory, Shagbark, B&B, 2 1/2-Inch Cal.	70.000 EACH	_____._____	_____._____
0810	632.0101 Trees (species) (size) (root) 019. Ash, Snowy Mountain, B&B, 6-Foot Ht.	9.000 EACH	_____._____	_____._____
0812	632.0101 Trees (species) (size) (root) 020. Baldcypress, Shawnee Brave, B&B, 2 1/2-Inch Cal.	5.000 EACH	_____._____	_____._____
0814	632.0101 Trees (species) (size) (root) 021. Pine, Austrian, B&B, 8-Foot Ht.	22.000 EACH	_____._____	_____._____
0816	632.0101 Trees (species) (size) (root) 022. Chokecherry, B&B, 6-Foot Ht.	40.000 EACH	_____._____	_____._____
0818	632.0101 Trees (species) (size) (root) 023. Dogwood, Pagoda, B&B, 6-Foot Ht.	9.000 EACH	_____._____	_____._____
0820	632.0101 Trees (species) (size) (root) 024. Crabapple, Donald Wyman (Shrub form Tree), B&B, 8-Foot Ht.	44.000 EACH	_____._____	_____._____
0822	632.0101 Trees (species) (size) (root) 025. Hawthorn, Thornless Cockspur, B&B, 6-Foot Ht.	25.000 EACH	_____._____	_____._____

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0824	632.0101 Trees (species) (size) (root) 026. Crabapple, Prairie, B&B, 6-Foot Ht.	12.000 EACH	_____._____	_____._____
0826	632.0101 Trees (species) (size) (root) 027. HoneyLocust, Skyline, B&B, 2-1/2-Inch Cal.	2.000 EACH	_____._____	_____._____
0828	632.0101 Trees (species) (size) (root) 028. Oak, Regal Prince, B&B, 2-1/2-Inch Cal.	12.000 EACH	_____._____	_____._____
0830	632.0101 Trees (species) (size) (root) 029. Serviceberry, Autumn Brilliance (Shrub form Tree), B&B, 6-Foot Ht.	19.000 EACH	_____._____	_____._____
0832	632.0101 Trees (species) (size) (root) 030. Spruce, Black Hills, B&B, 8-Foot Ht.	8.000 EACH	_____._____	_____._____
0834	632.0101 Trees (species) (size) (root) 032. Crabapple, Redbud, B&B, 6-Foot Ht.	13.000 EACH	_____._____	_____._____
0836	632.0101 Trees (species) (size) (root) 033. Japanese Zelkova, Green Vase, B&B, 2.5-Inch Cal.	10.000 EACH	_____._____	_____._____
0838	632.0101 Trees (species) (size) (root) 033. Japanese Zelkova, Green Vase, B&B, 2-1/2-Inch Cal.	5.000 EACH	_____._____	_____._____
0840	632.0201 Shrubs (species) (size) (root) 001. Juniper, Oldfield Common, Container, 3-Foot Ht. #5	97.000 EACH	_____._____	_____._____
0842	632.0201 Shrubs (species) (size) (root) 002. American Filbert, Container, 3-Foot Ht. #5	124.000 EACH	_____._____	_____._____
0844	632.0201 Shrubs (species) (size) (root) 003. Sumac, Staghorn, Container, 3-Foot Ht. #5	125.000 EACH	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0846	632.0201 Shrubs (species) (size) (root) 004. Chokeberry, Brilliant Red, Container, 3-Foot Ht. #5	212.000 EACH	_____._____	_____._____
0848	632.0201 Shrubs (species) (size) (root) 005. Silky, Dogwood, Container, 3-Foot Ht. #5	80.000 EACH	_____._____	_____._____
0850	632.0201 Shrubs (species) (size) (root) 006. Bayberry, Northern, Container, 3-Foot Ht. #5	361.000 EACH	_____._____	_____._____
0852	632.0201 Shrubs (species) (size) (root) 007. Buckeye, Bottlebrush, Container, 3-Foot Ht. #5	165.000 EACH	_____._____	_____._____
0854	632.0201 Shrubs (species) (size) (root) 008. Dogwood, Redtwig, Container, 3-Foot Ht. #5	119.000 EACH	_____._____	_____._____
0856	632.0201 Shrubs (species) (size) (root) 009. Ninebark, Common, Container, 3-Foot Ht. #5	35.000 EACH	_____._____	_____._____
0858	632.0201 Shrubs (species) (size) (root) 010. Chokeberry, Glossy Black, Container, 3-Foot Ht. #5	38.000 EACH	_____._____	_____._____
0860	632.0201 Shrubs (species) (size) (root) 011. Juniper, Broadmoor, Container, 24-Inch Spread #3	365.000 EACH	_____._____	_____._____
0862	632.0201 Shrubs (species) (size) (root) 012. Juniper, Pfitzer Kallay's Compact, Container, 24-Inch Spread #3	20.000 EACH	_____._____	_____._____
0864	632.0201 Shrubs (species) (size) (root) 013. Rosa, Purple Pavement, Container, 24-Inch Spread #3	86.000 EACH	_____._____	_____._____
0866	632.9101 Landscape Planting Surveillance and Care Cycles	39.000 EACH	_____._____	_____._____

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Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0868	633.0100 Delineator Posts Steel	125.000 EACH	_____._____	_____._____
0870	633.0500 Delineator Reflectors	380.000 EACH	_____._____	_____._____
0872	633.1000 Delineator Brackets	150.000 EACH	_____._____	_____._____
0874	633.5200 Markers Culvert End	194.000 EACH	_____._____	_____._____
0876	634.0612 Posts Wood 4x6-Inch X 12-FT	17.000 EACH	_____._____	_____._____
0878	634.0614 Posts Wood 4x6-Inch X 14-FT	87.000 EACH	_____._____	_____._____
0880	634.0616 Posts Wood 4x6-Inch X 16-FT	186.000 EACH	_____._____	_____._____
0882	634.0618 Posts Wood 4x6-Inch X 18-FT	61.000 EACH	_____._____	_____._____
0884	634.0620 Posts Wood 4x6-Inch X 20-FT	22.000 EACH	_____._____	_____._____
0886	634.0622 Posts Wood 4x6-Inch X 22-FT	1.000 EACH	_____._____	_____._____
0888	635.0200 Sign Supports Structural Steel HS	1,347.000 LB	_____._____	_____._____
0890	636.0100 Sign Supports Concrete Masonry	817.600 CY	_____._____	_____._____
0892	636.0500 Sign Supports Steel Reinforcement	100.000 LB	_____._____	_____._____
0894	636.1000 Sign Supports Steel Reinforcement HS	37,720.000 LB	_____._____	_____._____
0896	636.1500 Sign Supports Steel Coated Reinforcement HS	101,800.000 LB	_____._____	_____._____
0898	637.1220 Signs Type I Reflective SH	3,198.000 SF	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0900	637.1230 Signs Type I Reflective F	414.350 SF	_____._____	_____._____
0902	637.2210 Signs Type II Reflective H	3,938.560 SF	_____._____	_____._____
0904	637.2215 Signs Type II Reflective H Folding	644.240 SF	_____._____	_____._____
0906	637.2230 Signs Type II Reflective F	419.750 SF	_____._____	_____._____
0908	638.2102 Moving Signs Type II	62.000 EACH	_____._____	_____._____
0910	638.2601 Removing Signs Type I	6.000 EACH	_____._____	_____._____
0912	638.2602 Removing Signs Type II	347.000 EACH	_____._____	_____._____
0914	638.3000 Removing Small Sign Supports	376.000 EACH	_____._____	_____._____
0916	638.3100 Removing Structural Steel Sign Supports	2.000 EACH	_____._____	_____._____
0918	638.4000 Moving Small Sign Supports	8.000 EACH	_____._____	_____._____
0920	641.1200 Sign Bridge Cantilevered (structure) 001. S-53-0071	LS	LUMP SUM	_____._____
0922	641.1200 Sign Bridge Cantilevered (structure) 001. S-53-0084	LS	LUMP SUM	_____._____
0924	641.1200 Sign Bridge Cantilevered (structure) 002. S-53-0072	LS	LUMP SUM	_____._____
0926	641.1200 Sign Bridge Cantilevered (structure) 002. S-53-0093	LS	LUMP SUM	_____._____
0928	641.1200 Sign Bridge Cantilevered (structure) 003. S-53-0087	LS	LUMP SUM	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0930	641.1200 Sign Bridge Cantilevered (structure) 003. S-53-0095	LS	LUMP SUM	_____._____
0932	641.1200 Sign Bridge Cantilevered (structure) 004. S-53-0089	LS	LUMP SUM	_____._____
0934	641.6600 Sign Bridge (structure) 001. S-53-0078	LS	LUMP SUM	_____._____
0936	641.6600 Sign Bridge (structure) 002. S-53-0079	LS	LUMP SUM	_____._____
0938	641.6600 Sign Bridge (structure) 003. S-53-0080	LS	LUMP SUM	_____._____
0940	641.6600 Sign Bridge (structure) 004. S-53-0081	LS	LUMP SUM	_____._____
0942	641.6600 Sign Bridge (structure) 005. S-53-0082	LS	LUMP SUM	_____._____
0944	641.6600 Sign Bridge (structure) 006. S-53-0083	LS	LUMP SUM	_____._____
0946	641.6600 Sign Bridge (structure) 007. S-53-0085	LS	LUMP SUM	_____._____
0948	641.8100 Overhead Sign Support (structure) 001. S-53-0086	LS	LUMP SUM	_____._____
0950	641.8100 Overhead Sign Support (structure) 001. S-53-0090	LS	LUMP SUM	_____._____
0952	641.8100 Overhead Sign Support (structure) 001. S-53-0101	LS	LUMP SUM	_____._____
0954	641.8100 Overhead Sign Support (structure) 002. S-53-0088	LS	LUMP SUM	_____._____
0956	641.8100 Overhead Sign Support (structure) 002. S-53-0091	LS	LUMP SUM	_____._____
0958	641.8100 Overhead Sign Support (structure) 003. S-53-0092	LS	LUMP SUM	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0960	641.8100 Overhead Sign Support (structure) 004. S-53-0094	LS	LUMP SUM	_____._____
0962	642.5401 Field Office Type D	1.000 EACH	_____._____	_____._____
0964	643.0300 Traffic Control Drums	411,500.000 DAY	_____._____	_____._____
0966	643.0410 Traffic Control Barricades Type II	1,700.000 DAY	_____._____	_____._____
0968	643.0420 Traffic Control Barricades Type III	82,700.000 DAY	_____._____	_____._____
0970	643.0500 Traffic Control Flexible Tubular Marker Posts	550.000 EACH	_____._____	_____._____
0972	643.0600 Traffic Control Flexible Tubular Marker Bases	550.000 EACH	_____._____	_____._____
0974	643.0705 Traffic Control Warning Lights Type A	104,600.000 DAY	_____._____	_____._____
0976	643.0715 Traffic Control Warning Lights Type C	90,000.000 DAY	_____._____	_____._____
0978	643.0800 Traffic Control Arrow Boards	6,750.000 DAY	_____._____	_____._____
0980	643.0900 Traffic Control Signs	403,500.000 DAY	_____._____	_____._____
0982	643.0910 Traffic Control Covering Signs Type I	85.000 EACH	_____._____	_____._____
0984	643.0920 Traffic Control Covering Signs Type II	35.000 EACH	_____._____	_____._____
0986	643.1000 Traffic Control Signs Fixed Message	2,532.920 SF	_____._____	_____._____
0988	643.1050 Traffic Control Signs PCMS	7,700.000 DAY	_____._____	_____._____
0990	643.5000 Traffic Control	1.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0992	644.1410.S Temporary Pedestrian Surface Asphalt	1,400.000 SF	_____._____	_____._____
0994	644.1420.S Temporary Pedestrian Surface Plywood	1,300.000 SF	_____._____	_____._____
0996	644.1430.S Temporary Pedestrian Surface Plate	1,150.000 SF	_____._____	_____._____
0998	644.1601.S Temporary Curb Ramp	45.000 EACH	_____._____	_____._____
1000	644.1616.S Temporary Pedestrian Safety Fence	5,150.000 LF	_____._____	_____._____
1002	645.0111 Geotextile Type DF Schedule A	1,894.000 SY	_____._____	_____._____
1004	645.0112 Geotextile Type DF Schedule B	158.000 SY	_____._____	_____._____
1006	645.0120 Geotextile Type HR	9,150.000 SY	_____._____	_____._____
1008	645.0140 Geotextile Type SAS	150.000 SY	_____._____	_____._____
1010	645.0220 Geogrid Type SR	47,382.000 SY	_____._____	_____._____
1012	646.1005 Marking Line Paint 4-Inch	2,454.000 LF	_____._____	_____._____
1014	646.1020 Marking Line Epoxy 4-Inch	164,011.000 LF	_____._____	_____._____
1016	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	184,300.000 LF	_____._____	_____._____
1018	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch	43,550.000 LF	_____._____	_____._____
1020	646.3020 Marking Line Epoxy 8-Inch	23,015.000 LF	_____._____	_____._____
1022	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch	18,750.000 LF	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1024	646.5020 Marking Arrow Epoxy	220.000 EACH	_____._____	_____._____
1026	646.5120 Marking Word Epoxy	79.000 EACH	_____._____	_____._____
1028	646.5220 Marking Symbol Epoxy	8.000 EACH	_____._____	_____._____
1030	646.6120 Marking Stop Line Epoxy 18-Inch	2,171.000 LF	_____._____	_____._____
1032	646.6464 Cold Weather Marking Epoxy 4-Inch	100,600.000 LF	_____._____	_____._____
1034	646.6468 Cold Weather Marking Epoxy 8-Inch	3,445.000 LF	_____._____	_____._____
1036	646.7120 Marking Diagonal Epoxy 12-Inch	107.000 LF	_____._____	_____._____
1038	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	6,797.000 LF	_____._____	_____._____
1040	646.8120 Marking Curb Epoxy	607.000 LF	_____._____	_____._____
1042	646.8220 Marking Island Nose Epoxy	40.000 EACH	_____._____	_____._____
1044	646.9010 Marking Removal Line Water Blasting 4-Inch	249,450.000 LF	_____._____	_____._____
1046	646.9110 Marking Removal Line Water Blasting 8-Inch	21,650.000 LF	_____._____	_____._____
1048	646.9210 Marking Removal Line Water Blasting Wide	2,260.000 LF	_____._____	_____._____
1050	646.9310 Marking Removal Special Marking Water Blasting	190.000 EACH	_____._____	_____._____
1052	649.0105 Temporary Marking Line Paint 4-Inch	48,700.000 LF	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1054	649.0120 Temporary Marking Line Epoxy 4-Inch	192,700.000 LF	_____._____	_____._____
1056	649.0150 Temporary Marking Line Removable Tape 4-Inch	161,600.000 LF	_____._____	_____._____
1058	649.0205 Temporary Marking Line Paint 8-Inch	4,200.000 LF	_____._____	_____._____
1060	649.0220 Temporary Marking Line Epoxy 8-Inch	6,650.000 LF	_____._____	_____._____
1062	649.0250 Temporary Marking Line Removable Tape 8-Inch	12,950.000 LF	_____._____	_____._____
1064	649.0505 Temporary Marking Arrow Paint	60.000 EACH	_____._____	_____._____
1066	649.0520 Temporary Marking Arrow Epoxy	35.000 EACH	_____._____	_____._____
1068	649.0550 Temporary Marking Arrow Removable Tape	145.000 EACH	_____._____	_____._____
1070	649.0605 Temporary Marking Word Paint	12.000 EACH	_____._____	_____._____
1072	649.0620 Temporary Marking Word Epoxy	14.000 EACH	_____._____	_____._____
1074	649.0650 Temporary Marking Word Removable Tape	45.000 EACH	_____._____	_____._____
1076	649.0760 Temporary Marking Raised Pavement Marker Type I	1,225.000 EACH	_____._____	_____._____
1078	649.0805 Temporary Marking Stop Line Paint 18-Inch	900.000 LF	_____._____	_____._____
1080	649.0820 Temporary Marking Stop Line Epoxy 18-Inch	520.000 LF	_____._____	_____._____
1082	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	1,330.000 LF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1084	652.0110 Conduit Rigid Metallic 1-Inch	32.000 LF	_____._____	_____._____
1086	652.0125 Conduit Rigid Metallic 2-Inch	411.000 LF	_____._____	_____._____
1088	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	209.000 LF	_____._____	_____._____
1090	652.0215 Conduit Rigid Nonmetallic Schedule 40 1 1/4-Inch	4,622.000 LF	_____._____	_____._____
1092	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	84,914.000 LF	_____._____	_____._____
1094	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	31,889.000 LF	_____._____	_____._____
1096	652.0605 Conduit Special 2-Inch	92.000 LF	_____._____	_____._____
1098	652.0615 Conduit Special 3-Inch	1,104.000 LF	_____._____	_____._____
1100	652.0700.S Install Conduit into Existing Item	22.000 EACH	_____._____	_____._____
1102	652.0800 Conduit Loop Detector	15,574.000 LF	_____._____	_____._____
1104	652.0900 Loop Detector Slots	512.000 LF	_____._____	_____._____
1106	653.0154 Pull Boxes Non-Conductive 24x36-Inch	91.000 EACH	_____._____	_____._____
1108	653.0164 Pull Boxes Non-Conductive 24x42-Inch	409.000 EACH	_____._____	_____._____
1110	653.0220 Junction Boxes 18x6x6-Inch	2.000 EACH	_____._____	_____._____
1112	653.0222 Junction Boxes 18x12x6-Inch	115.000 EACH	_____._____	_____._____
1114	653.0905 Removing Pull Boxes	168.000 EACH	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1116	654.0101 Concrete Bases Type 1	89.000 EACH	_____._____	_____._____
1118	654.0102 Concrete Bases Type 2	40.000 EACH	_____._____	_____._____
1120	654.0105 Concrete Bases Type 5	5.000 EACH	_____._____	_____._____
1122	654.0106 Concrete Bases Type 6	133.000 EACH	_____._____	_____._____
1124	654.0110 Concrete Bases Type 10	10.000 EACH	_____._____	_____._____
1126	654.0113 Concrete Bases Type 13	29.000 EACH	_____._____	_____._____
1128	654.0217 Concrete Control Cabinet Bases Type 9 Special	8.000 EACH	_____._____	_____._____
1130	654.1150 Concrete Bases Camera Pole 50-FT	2.000 EACH	_____._____	_____._____
1132	655.0230 Cable Traffic Signal 5-14 AWG	23,337.000 LF	_____._____	_____._____
1134	655.0240 Cable Traffic Signal 7-14 AWG	17,758.000 LF	_____._____	_____._____
1136	655.0250 Cable Traffic Signal 9-14 AWG	1,575.000 LF	_____._____	_____._____
1138	655.0260 Cable Traffic Signal 12-14 AWG	11,290.000 LF	_____._____	_____._____
1140	655.0270 Cable Traffic Signal 15-14 AWG	618.000 LF	_____._____	_____._____
1142	655.0305 Cable Type UF 2-12 AWG Grounded	8,068.000 LF	_____._____	_____._____
1144	655.0515 Electrical Wire Traffic Signals 10 AWG	22,966.000 LF	_____._____	_____._____
1146	655.0610 Electrical Wire Lighting 12 AWG	62,390.000 LF	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1148	655.0625 Electrical Wire Lighting 6 AWG	133,229.000 LF	_____._____	_____._____
1150	655.0635 Electrical Wire Lighting 2 AWG	153,671.000 LF	_____._____	_____._____
1152	655.0700 Loop Detector Lead In Cable	96,796.000 LF	_____._____	_____._____
1154	655.0800 Loop Detector Wire	80,378.000 LF	_____._____	_____._____
1156	655.0900 Traffic Signal EVP Detector Cable	9,453.000 LF	_____._____	_____._____
1158	656.0200 Electrical Service Meter Breaker Pedestal (location) 001. STH 26 & Morse ST	LS	LUMP SUM	_____._____
1160	656.0200 Electrical Service Meter Breaker Pedestal (location) 002. STH 26 & IH 39 SB Ramps	LS	LUMP SUM	_____._____
1162	656.0200 Electrical Service Meter Breaker Pedestal (location) 003. USH 14	LS	LUMP SUM	_____._____
1164	656.0200 Electrical Service Meter Breaker Pedestal (location) 004. STH 26	LS	LUMP SUM	_____._____
1166	656.0200 Electrical Service Meter Breaker Pedestal (location) 005. STH 26 & IH 39 NB Ramps	LS	LUMP SUM	_____._____
1168	656.0200 Electrical Service Meter Breaker Pedestal (location) 006. STH 26 & Kettering ST	LS	LUMP SUM	_____._____
1170	656.0200 Electrical Service Meter Breaker Pedestal (location) 007. Ryan RD & Deerfield DR	LS	LUMP SUM	_____._____
1172	656.0200 Electrical Service Meter Breaker Pedestal (location) 008. USH 14 & IH 39 SB Ramps	LS	LUMP SUM	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1174	656.0200 Electrical Service Meter Breaker Pedestal (location) 009. HUB-53-0027	LS	LUMP SUM	_____._____
1176	656.0200 Electrical Service Meter Breaker Pedestal (location) 011. USH 14 & Lexington	LS	LUMP SUM	_____._____
1178	656.0200 Electrical Service Meter Breaker Pedestal (location) 012. USH 14 & Pontiac	LS	LUMP SUM	_____._____
1180	656.0200 Electrical Service Meter Breaker Pedestal (location) 013. USH 14 & IH 39 SB	LS	LUMP SUM	_____._____
1182	656.0200 Electrical Service Meter Breaker Pedestal (location) 014. USH 14 & IH 39 NB	LS	LUMP SUM	_____._____
1184	656.0200 Electrical Service Meter Breaker Pedestal (location) 015. USH 14 & Deerfield	LS	LUMP SUM	_____._____
1186	656.0500 Electrical Service Breaker Disconnect Box (location) 001. CCTV-53-0023/SDS-53-0027	LS	LUMP SUM	_____._____
1188	657.0100 Pedestal Bases	89.000 EACH	_____._____	_____._____
1190	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	187.000 EACH	_____._____	_____._____
1192	657.0305 Poles Type 2	4.000 EACH	_____._____	_____._____
1194	657.0315 Poles Type 4	34.000 EACH	_____._____	_____._____
1196	657.0322 Poles Type 5-Aluminum	5.000 EACH	_____._____	_____._____
1198	657.0326 Poles Type 6-Steel	8.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1200	657.0327 Poles Type 6-Aluminum	169.000 EACH	_____._____	_____._____
1202	657.0345 Poles Type 9	7.000 EACH	_____._____	_____._____
1204	657.0350 Poles Type 10	3.000 EACH	_____._____	_____._____
1206	657.0355 Poles Type 12	27.000 EACH	_____._____	_____._____
1208	657.0360 Poles Type 13	4.000 EACH	_____._____	_____._____
1210	657.0405 Traffic Signal Standards Aluminum 3.5-FT	9.000 EACH	_____._____	_____._____
1212	657.0420 Traffic Signal Standards Aluminum 13-FT	30.000 EACH	_____._____	_____._____
1214	657.0425 Traffic Signal Standards Aluminum 15-FT	26.000 EACH	_____._____	_____._____
1216	657.0430 Traffic Signal Standards Aluminum 10-FT	26.000 EACH	_____._____	_____._____
1218	657.0515 Monotube Arms 15-FT	2.000 EACH	_____._____	_____._____
1220	657.0520 Monotube Arms 20-FT	2.000 EACH	_____._____	_____._____
1222	657.0525 Monotube Arms 25-FT	2.000 EACH	_____._____	_____._____
1224	657.0530 Monotube Arms 30-FT	4.000 EACH	_____._____	_____._____
1226	657.0540 Monotube Arms 40-FT	5.000 EACH	_____._____	_____._____
1228	657.0545 Monotube Arms 45-FT	13.000 EACH	_____._____	_____._____
1230	657.0550 Monotube Arms 50-FT	9.000 EACH	_____._____	_____._____

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Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1232	657.0555 Monotube Arms 55-FT	4.000 EACH	_____._____	_____._____
1234	657.0614 Luminaire Arms Single Member 4-Inch Clamp 8-FT	53.000 EACH	_____._____	_____._____
1236	657.0615 Luminaire Arms Single Member 4 1/2-Inch Clamp 8-FT	194.000 EACH	_____._____	_____._____
1238	657.0714 Luminaire Arms Truss Type 4-Inch Clamp 15-FT	2.000 EACH	_____._____	_____._____
1240	657.0808 Luminaire Arms Steel 8-FT	10.000 EACH	_____._____	_____._____
1242	657.6005 Anchor Assemblies Light Poles on Structures	32.000 EACH	_____._____	_____._____
1244	658.0173 Traffic Signal Face 3S 12-Inch	177.000 EACH	_____._____	_____._____
1246	658.0174 Traffic Signal Face 4S 12-Inch	36.000 EACH	_____._____	_____._____
1248	658.0175 Traffic Signal Face 5S 12-Inch	8.000 EACH	_____._____	_____._____
1250	658.0416 Pedestrian Signal Face 16-Inch	110.000 EACH	_____._____	_____._____
1252	658.0500 Pedestrian Push Buttons	96.000 EACH	_____._____	_____._____
1254	658.5069 Signal Mounting Hardware (location) 001. STH 26 & Morse Street	LS	LUMP SUM	_____._____
1256	658.5069 Signal Mounting Hardware (location) 002. STH 26 & IH 39 SB Ramps	LS	LUMP SUM	_____._____
1258	658.5069 Signal Mounting Hardware (location) 003. STH 26 & IH 39 NB Ramps	LS	LUMP SUM	_____._____
1260	658.5069 Signal Mounting Hardware (location) 004. STH 26 & Kettering ST	LS	LUMP SUM	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1262	658.5069 Signal Mounting Hardware (location) 005. Ryan RD & Deerfield DR	LS	LUMP SUM	_____._____
1264	658.5069 Signal Mounting Hardware (location) 006. USH 14 & Lexington	LS	LUMP SUM	_____._____
1266	658.5069 Signal Mounting Hardware (location) 007. USH 14 & Pontiac	LS	LUMP SUM	_____._____
1268	658.5069 Signal Mounting Hardware (location) 008. USH 14 & IH 39 SB	LS	LUMP SUM	_____._____
1270	658.5069 Signal Mounting Hardware (location) 009. USH 14 & IH 39 SB	LS	LUMP SUM	_____._____
1272	658.5069 Signal Mounting Hardware (location) 010. USH 14 & Deerfield	LS	LUMP SUM	_____._____
1274	659.0600 Underdeck Lighting (location) 001. B-53-0338	LS	LUMP SUM	_____._____
1276	659.0600 Underdeck Lighting (location) 002. B-53-0339	LS	LUMP SUM	_____._____
1278	659.0600 Underdeck Lighting (location) 003. R-53-0044	LS	LUMP SUM	_____._____
1280	659.0600 Underdeck Lighting (location) 004. R-53-0045	LS	LUMP SUM	_____._____
1282	659.0600 Underdeck Lighting (location) 005. R-53-0048	LS	LUMP SUM	_____._____
1284	659.0600 Underdeck Lighting (location) 006. R-53-0049	LS	LUMP SUM	_____._____
1286	659.0600 Underdeck Lighting (location) 007. B-53-0342	LS	LUMP SUM	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1288	659.0600 Underdeck Lighting (location) 008. B-53-0343	LS	LUMP SUM	_____._____
1290	659.1120 Luminaires Utility LED B	257.000 EACH	_____._____	_____._____
1292	659.1205 Luminaires Underdeck LED A	8.000 EACH	_____._____	_____._____
1294	659.1210 Luminaires Underdeck LED B	16.000 EACH	_____._____	_____._____
1296	659.2130 Lighting Control Cabinets 120/240 30-Inch	4.000 EACH	_____._____	_____._____
1298	661.0200 Temporary Traffic Signals for Intersections (location) 001. STH 26 & Morse Street	LS	LUMP SUM	_____._____
1300	661.0200 Temporary Traffic Signals for Intersections (location) 002. STH 26 & Kettering Street	LS	LUMP SUM	_____._____
1302	661.0200 Temporary Traffic Signals for Intersections (location) 003. USH 14 & Pontiac	LS	LUMP SUM	_____._____
1304	661.0200 Temporary Traffic Signals for Intersections (location) 004. USH 14 & Deerfield	LS	LUMP SUM	_____._____
1306	662.1026.S Ramp Closure Gates Hardwired 26-FT	3.000 EACH	_____._____	_____._____
1308	662.1028.S Ramp Closure Gates Hardwired 28-FT	1.000 EACH	_____._____	_____._____
1310	662.1030.S Ramp Closure Gates Hardwired 30-FT	2.000 EACH	_____._____	_____._____
1312	662.1032.S Ramp Closure Gates Hardwired 32-FT	1.000 EACH	_____._____	_____._____
1314	662.1040.S Ramp Closure Gates Hardwired 40-FT	1.000 EACH	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1316	670.0100 Field System Integrator 001. 1005-10-77	LS	LUMP SUM	_____._____
1318	670.0100 Field System Integrator 002. 1005-10-87	LS	LUMP SUM	_____._____
1320	670.0200 ITS Documentation 001. 1005-10-77	LS	LUMP SUM	_____._____
1322	670.0200 ITS Documentation 002. 1005-10-87	LS	LUMP SUM	_____._____
1324	671.0132 Conduit HDPE 3-Duct 2-Inch	14,030.000 LF	_____._____	_____._____
1326	671.0232 Conduit HDPE Directional Bore 3-Duct 2-Inch	405.000 LF	_____._____	_____._____
1328	673.0110 Communication Vault Type Round	28.000 EACH	_____._____	_____._____
1330	673.0200 Tracer Wire Marker Posts	16.000 EACH	_____._____	_____._____
1332	673.0225.S Install Pole Mounted Cabinet	3.000 EACH	_____._____	_____._____
1334	674.0200 Cable Microwave Detector	15,958.000 LF	_____._____	_____._____
1336	674.0300 Remove Cable	6,610.000 LF	_____._____	_____._____
1338	674.0400 Reinstall Cable	1,110.000 LF	_____._____	_____._____
1340	675.0300 Install Mounted Controller Microwave Detector Assembly	13.000 EACH	_____._____	_____._____
1342	677.0150 Install Camera Pole 50-FT	2.000 EACH	_____._____	_____._____
1344	677.0200 Install Camera Assembly	3.000 EACH	_____._____	_____._____
1346	677.9051.S Removing 50-FT Camera Pole	1.000 EACH	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1348	678.0012 Install Fiber Optic Cable Outdoor Plant 12-CT	9,817.000 LF	_____._____	_____._____
1350	678.0024 Install Fiber Optic Cable Outdoor Plant 24-CT	3,530.000 LF	_____._____	_____._____
1352	678.0036 Install Fiber Optic Cable Outdoor Plant 36-CT	13,926.000 LF	_____._____	_____._____
1354	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	53,444.000 LF	_____._____	_____._____
1356	678.0200 Fiber Optic Splice Enclosure	21.000 EACH	_____._____	_____._____
1358	678.0300 Fiber Optic Splice	468.000 EACH	_____._____	_____._____
1360	678.0400 Fiber Optic Termination	324.000 EACH	_____._____	_____._____
1362	678.0500 Communication System Testing 001. 1005-10-77	LS	LUMP SUM	_____._____
1364	678.0500 Communication System Testing 002. 1005-10-87	LS	LUMP SUM	_____._____
1366	678.0600 Install Ethernet Switches	15.000 EACH	_____._____	_____._____
1368	690.0150 Sawing Asphalt	25,337.000 LF	_____._____	_____._____
1370	690.0250 Sawing Concrete	21,088.000 LF	_____._____	_____._____
1372	715.0415 Incentive Strength Concrete Pavement	240,020.000 DOL	1.00000	240,020.00
1374	715.0502 Incentive Strength Concrete Structures	99,822.000 DOL	1.00000	99,822.00
1376	740.0440 Incentive IRI Ride	75,883.000 DOL	1.00000	75,883.00

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1378	801.0117 Railroad Flagging Reimbursment	90,000.000 DOL	1.00000	90,000.00
1380	999.1000.S Seismograph	LS	LUMP SUM	_____._____
1382	999.1500.S Crack and Damage Survey	LS	LUMP SUM	_____._____
1384	ASP.1T0A On-the-Job Training Apprentice at $5.00/HR	3,000.000 HRS	5.00000	15,000.00
1386	ASP.1T0G On-the-Job Training Graduate at $5.00/HR	3,000.000 HRS	5.00000	15,000.00
1388	SPV.0005 Special 500. Subsoiling	34.000 ACRE	_____._____	_____._____
1390	SPV.0005 Special 501. Pre-Planting Vegetation Treatment	87.000 ACRE	_____._____	_____._____
1392	SPV.0005 Special 502. Seed Bed Preparation	44.000 ACRE	_____._____	_____._____
1394	SPV.0035 Special 001. Roadway Embankment	977,292.000 CY	_____._____	_____._____
1396	SPV.0035 Special 500. Planting Mixture	1,410.000 CY	_____._____	_____._____
1398	SPV.0035 Special 501. Topsoil Special	5,304.500 CY	_____._____	_____._____
1400	SPV.0035 Special 700. High Performance Concrete (HPC) Masonry Structures	7,835.000 CY	_____._____	_____._____
1402	SPV.0060 Special 001. Baseline CPM Progress Schedule	2.000 EACH	_____._____	_____._____
1404	SPV.0060 Special 002. CPM Progress Schedule Updates and Accepted Revisions	40.000 EACH	_____._____	_____._____
1406	SPV.0060 Special 003. Cover Plates Permanent	2.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1408	SPV.0060 Special 004. Access Gate 3-Foot Polymer-Coated	3.000 EACH	_____._____	_____._____
1410	SPV.0060 Special 005. Access Gate 6-Foot	1.000 EACH	_____._____	_____._____
1412	SPV.0060 Special 006. Access Gate 20-Foot Polymer-Coated	1.000 EACH	_____._____	_____._____
1414	SPV.0060 Special 007. Access Gate 20-Foot	3.000 EACH	_____._____	_____._____
1416	SPV.0060 Special 008. Concrete Barrier Transition Type S56 to Sign Bridge	14.000 EACH	_____._____	_____._____
1418	SPV.0060 Special 009. Test Pits	12.000 EACH	_____._____	_____._____
1420	SPV.0060 Special 010. Uncovering Signs	1.000 EACH	_____._____	_____._____
1422	SPV.0060 Special 011. Remove and Salvage Bus Shelter	1.000 EACH	_____._____	_____._____
1424	SPV.0060 Special 012. Removing Billboard Sign and Sign Structure	3.000 EACH	_____._____	_____._____
1426	SPV.0060 Special 100. Catch Basins 2x2-FT	3.000 EACH	_____._____	_____._____
1428	SPV.0060 Special 101. Catch Basins 2x2.5-FT	17.000 EACH	_____._____	_____._____
1430	SPV.0060 Special 102. Catch Basins 6x6-FT	3.000 EACH	_____._____	_____._____
1432	SPV.0060 Special 103. Catch Basins 8-FT Diameter	2.000 EACH	_____._____	_____._____
1434	SPV.0060 Special 104. Securing Structure Covers	16.000 EACH	_____._____	_____._____
1436	SPV.0060 Special 105. Sediment Level Monitoring Post	38.000 EACH	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1438	SPV.0060 Special 106. Monitoring Well	12.000 EACH	_____._____	_____._____
1440	SPV.0060 Special 107. Covering Storm Sewer	99.000 EACH	_____._____	_____._____
1442	SPV.0060 Special 108. Inlet Cover Driveway Special	2.000 EACH	_____._____	_____._____
1444	SPV.0060 Special 201. Fixed Message Sign Portable Support	41.000 EACH	_____._____	_____._____
1446	SPV.0060 Special 203. Crash Cushion Temporary Low Maintenance	18.000 EACH	_____._____	_____._____
1448	SPV.0060 Special 205. Install Department Furnished Crash Cushion Low Maintenance	1.000 EACH	_____._____	_____._____
1450	SPV.0060 Special 206. Emergency Response to Traffic Incident Involving Conc Barrier Temp Precast	7.000 EACH	_____._____	_____._____
1452	SPV.0060 Special 207. Emergency Response to Traffic Incident Involving Crash Cushion	3.000 EACH	_____._____	_____._____
1454	SPV.0060 Special 208. Emergency Response to Traffic Incident Involving Guardrail or EAT	3.000 EACH	_____._____	_____._____
1456	SPV.0060 Special 209. Repair State Owned Crash Cushion	1.000 EACH	_____._____	_____._____
1458	SPV.0060 Special 210. Repair State Owned Crash Cushion Low Maintenance	1.000 EACH	_____._____	_____._____
1460	SPV.0060 Special 211. Repair State Owned Energy Absorbing Terminal (EAT)	1.000 EACH	_____._____	_____._____
1462	SPV.0060 Special 212. Roadway Cleanup	30.000 EACH	_____._____	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1464	SPV.0060 Special 350. Remove Existing Lighting Control	4.000 EACH	_____._____	_____._____
1466	SPV.0060 Special 351. Salvage Street Light	11.000 EACH	_____._____	_____._____
1468	SPV.0060 Special 352. Removing Anchor Bolt Cover Shrouds	7.000 EACH	_____._____	_____._____
1470	SPV.0060 Special 353. Double Lighting Cabinet Base	2.000 EACH	_____._____	_____._____
1472	SPV.0060 Special 401. Remove Poles Wood	2.000 EACH	_____._____	_____._____
1474	SPV.0060 Special 402. Remove Poles Type 5	1.000 EACH	_____._____	_____._____
1476	SPV.0060 Special 403. Remove ITS Cabinet	2.000 EACH	_____._____	_____._____
1478	SPV.0060 Special 404. Remove Communication Vault	3.000 EACH	_____._____	_____._____
1480	SPV.0060 Special 405. Remove Electrical Service Meter Breaker Pedestal	1.000 EACH	_____._____	_____._____
1482	SPV.0060 Special 406. Install Wireless Mesh Radio Assembly	3.000 EACH	_____._____	_____._____
1484	SPV.0060 Special 407. Poles Wood 65-FT	1.000 EACH	_____._____	_____._____
1486	SPV.0060 Special 408. ITS Communication Hub Building Concrete Base	1.000 EACH	_____._____	_____._____
1488	SPV.0060 Special 409. Install ITS Communication Hub Building	1.000 EACH	_____._____	_____._____
1490	SPV.0060 Special 410. 19-Inch Equipment Rack	3.000 EACH	_____._____	_____._____
1492	SPV.0060 Special 411. 19-Inch Server Rack	3.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1494	SPV.0060 Special 412. Cable Organizer Rack	4.000 EACH	_____._____	_____._____
1496	SPV.0060 Special 413. Server Rack Uninterruptable Power Supply	3.000 EACH	_____._____	_____._____
1498	SPV.0060 Special 414. Equipment Rack Uninterruptable Power Supply	3.000 EACH	_____._____	_____._____
1500	SPV.0060 Special 415. Electrical Power Transfer Switch	1.000 EACH	_____._____	_____._____
1502	SPV.0060 Special 416. ITS Communication Hub Building Generator	1.000 EACH	_____._____	_____._____
1504	SPV.0060 Special 417. Salvage Radio	10.000 EACH	_____._____	_____._____
1506	SPV.0060 Special 450. Pull Box Non-Conductive 18x24-Inch	16.000 EACH	_____._____	_____._____
1508	SPV.0060 Special 451. Remove and Reinstall Solar-Powered Bluetooth Assembly	7.000 EACH	_____._____	_____._____
1510	SPV.0060 Special 452. Remove Existing Electrical Service	10.000 EACH	_____._____	_____._____
1512	SPV.0060 Special 453. Install Cellular Modem	11.000 EACH	_____._____	_____._____
1514	SPV.0060 Special 454. Concrete Control Cabinet Bases Type 9 Special (Mod.)	2.000 EACH	_____._____	_____._____
1516	SPV.0060 Special 455. Concrete Base Type 1 Spread Footing	6.000 EACH	_____._____	_____._____
1518	SPV.0060 Special 500. Perennials, Feather Reed Grass (Karl Foerster), Container #1	239.000 EACH	_____._____	_____._____
1520	SPV.0060 Special 501. Perennials, Little Bluestem (Blue Heaven), Container #1	89.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1522	SPV.0060 Special 502. Perennials, Prairie Dropseed (Tara), Container #1	1,616.000 EACH	_____._____	_____._____
1524	SPV.0060 Special 506. Native Seed Surveillance and Care Cycles	24.000 EACH	_____._____	_____._____
1526	SPV.0060 Special 507. Delineator Post Steel Modified	160.000 EACH	_____._____	_____._____
1528	SPV.0060 Special 650. Remove and Salvage Hydrant	8.000 EACH	_____._____	_____._____
1530	SPV.0060 Special 651. Hydrant	10.000 EACH	_____._____	_____._____
1532	SPV.0060 Special 652. 6-Inch Gate Valve With Box	9.000 EACH	_____._____	_____._____
1534	SPV.0060 Special 653. 4-Foot Diameter Water Valve Vault	1.000 EACH	_____._____	_____._____
1536	SPV.0060 Special 654. 12-Inch Gate Valve	1.000 EACH	_____._____	_____._____
1538	SPV.0060 Special 655. Water Valve Vault Casting	1.000 EACH	_____._____	_____._____
1540	SPV.0060 Special 656. Temporary Water Main Blowoff	1.000 EACH	_____._____	_____._____
1542	SPV.0060 Special 657. Water Main Cut-In Connection	5.000 EACH	_____._____	_____._____
1544	SPV.0060 Special 658. Water Main Offset 16-Inch	2.000 EACH	_____._____	_____._____
1546	SPV.0060 Special 659. Water Main Offset 12-Inch	2.000 EACH	_____._____	_____._____
1548	SPV.0060 Special 660. Sanitary Manhole Chimney Seal	19.000 EACH	_____._____	_____._____
1550	SPV.0060 Special 661. Utility Line Opening	27.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1552	SPV.0060 Special 662. Adjusting Hydrant And Auxiliary Valve Box	2.000 EACH	_____._____	_____._____
1554	SPV.0060 Special 663. Adjusting Water Valve Box	1.000 EACH	_____._____	_____._____
1556	SPV.0060 Special 700. Junction Boxes 4 X 4 X 4-Inch	12.000 EACH	_____._____	_____._____
1558	SPV.0060 Special 850. Decorative Medallion	12.000 EACH	_____._____	_____._____
1560	SPV.0060 Special 851. Medallion Concrete Staining	12.000 EACH	_____._____	_____._____
1562	SPV.0060 Special 852. Standpipe System	5.000 EACH	_____._____	_____._____
1564	SPV.0060 Special 900. Maintenance Doors	5.000 EACH	_____._____	_____._____
1566	SPV.0060 Special 901. Anchor Assemblies Noise Barrier Structures	79.000 EACH	_____._____	_____._____
1568	SPV.0075 Special 001. Street Sweeping	300.000 HRS	_____._____	_____._____
1570	SPV.0075 Special 002. Construction Site Maintenance - Mowing	1,200.000 HRS	_____._____	_____._____
1572	SPV.0085 Special 509. Seeding Native Mix N1	30.000 LB	_____._____	_____._____
1574	SPV.0085 Special 510. Seeding Native Mix N2	1,014.000 LB	_____._____	_____._____
1576	SPV.0085 Special 511. Seeding Native Mix N3	35.000 LB	_____._____	_____._____
1578	SPV.0085 Special 512. Seeding Native Mix N4	34.000 LB	_____._____	_____._____
1580	SPV.0090 Special 001. Concrete Curb & Gutter 30-Inch Type K Special	36,032.000 LF	_____._____	_____._____

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1582	SPV.0090 Special 002. Concrete Curb & Gutter 30-Inch Type L Special	2,693.000 LF	_____._____	_____._____
1584	SPV.0090 Special 003. Concrete Pavement Joint Sealing	54,000.000 LF	_____._____	_____._____
1586	SPV.0090 Special 004. Fence Chain Link Polymer-Coated 6-Foot Ground Mounted	591.000 LF	_____._____	_____._____
1588	SPV.0090 Special 005. Concrete Barrier Type S42 Turned Down End	36.000 LF	_____._____	_____._____
1590	SPV.0090 Special 006. Marking Stop Line Epoxy 24-Inch	325.000 LF	_____._____	_____._____
1592	SPV.0090 Special 007. Concrete Curb and Gutter Integral 30-Inch Type K Special	330.000 LF	_____._____	_____._____
1594	SPV.0090 Special 201. Maint and Removal of Concrete Barrier Temp Precast Left in Place	22,400.000 LF	_____._____	_____._____
1596	SPV.0090 Special 202. Traffic Control Gawk Screen Furnished	16,000.000 LF	_____._____	_____._____
1598	SPV.0090 Special 203. Traffic Control Gawk Screen Installed	19,900.000 LF	_____._____	_____._____
1600	SPV.0090 Special 204. Traffic Control Glare Screen Furnished	13,950.000 LF	_____._____	_____._____
1602	SPV.0090 Special 205. Traffic Control Glare Screen Installed	21,600.000 LF	_____._____	_____._____
1604	SPV.0090 Special 206. Concrete Barrier Temporary Precast Left In Place	550.000 LF	_____._____	_____._____
1606	SPV.0090 Special 207. Repair State Owned Concrete Barrier Temporary Precast	1,250.000 LF	_____._____	_____._____

Proposal ID: 20181211001 Project(s): 1005-10-77, 1005-10-83, 1005-10-87, 5569-00-71

Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1608	SPV.0090 Special 208. Repair State Owned Guardrail	1,000.000 LF	_____._____	_____._____
1610	SPV.0090 Special 350. Removing Electrical Conductors from Existing Conduit	1,730.000 LF	_____._____	_____._____
1612	SPV.0090 Special 351. Furnish and Install Equivalent Lighting Conductors	1,000.000 LF	_____._____	_____._____
1614	SPV.0090 Special 450. Install CAT-5e Cable	3,763.000 LF	_____._____	_____._____
1616	SPV.0090 Special 451. Fiber Optic Tracer Cable	14,875.000 LF	_____._____	_____._____
1618	SPV.0090 Special 452. Fiber Optic Warning Tape	12,833.000 LF	_____._____	_____._____
1620	SPV.0090 Special 650. 12-Inch Ductile Iron Water Main	569.000 LF	_____._____	_____._____
1622	SPV.0090 Special 651. 6-Inch Ductile Iron Water Main	223.000 LF	_____._____	_____._____
1624	SPV.0090 Special 700. Removing Existing HP 10-Inch X 42 LB Piling	500.000 LF	_____._____	_____._____
1626	SPV.0090 Special 850. Fence Chain Link Polymer-Coated 6-FT	642.000 LF	_____._____	_____._____
1628	SPV.0090 Special 851. Fence Chain Link Polymer-Coated 3-FT	511.000 LF	_____._____	_____._____
1630	SPV.0105 Special 001. Survey Project 1005-10-83	LS	LUMP SUM	_____._____
1632	SPV.0105 Special 002. Survey Project 1005-10-77 with Optional AMG for Conc Pavt and Base Course	LS	LUMP SUM	_____._____

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Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1634	SPV.0105 Special 003. Survey Project 1005-10-87 with Optional AMG for Conc Pavt and Base Course	LS	LUMP SUM	_____._____
1636	SPV.0105 Special 004. Survey Project 5569-00-71 with Optional AMG for Conc Pavt and Base Course	LS	LUMP SUM	_____._____
1638	SPV.0105 Special 005. Concrete Pavement Joint Layout, Project 1005-10-77	LS	LUMP SUM	_____._____
1640	SPV.0105 Special 006. Concrete Pavement Joint Layout, Project 1005-10-87	LS	LUMP SUM	_____._____
1642	SPV.0105 Special 007. Concrete Pavement Joint Layout, Project 5569-00-71	LS	LUMP SUM	_____._____
1644	SPV.0105 Special 008. Install Fiber Optic Communications in Cabinet (STH 26 & Morse Street)	LS	LUMP SUM	_____._____
1646	SPV.0105 Special 009. Install Fiber Optic Communications in Cabinet (STH 26 & IH 39 SB Ramps)	LS	LUMP SUM	_____._____
1648	SPV.0105 Special 010. Install Fiber Optic Communications in Cabinet (STH 26 & IH 39 NB Ramps)	LS	LUMP SUM	_____._____
1650	SPV.0105 Special 011. Install Fiber Optic Communications in Cabinet (STH 26 & Kettering Street)	LS	LUMP SUM	_____._____
1652	SPV.0105 Special 012. Install Fiber Optic Communications in Cabinet (USH 14 & Lexington)	LS	LUMP SUM	_____._____
1654	SPV.0105 Special 013. Install Fiber Optic Communications in Cabinet (USH 14 & Pontiac)	LS	LUMP SUM	_____._____

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Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1656	SPV.0105 Special 014. Install Fiber Optic Communications in Cabinet (USH 14 & IH 39 SB)	LS	LUMP SUM	_____._____
1658	SPV.0105 Special 015. Install Fiber Optic Communications in Cabinet (USH 14 & IH 39 NB)	LS	LUMP SUM	_____._____
1660	SPV.0105 Special 016. Install Fiber Optic Communications in Cabinet (USH 14 & Deerfield)	LS	LUMP SUM	_____._____
1662	SPV.0105 Special 017. Traffic-Diversion Detection System	LS	LUMP SUM	_____._____
1664	SPV.0105 Special 018. Electrical Systems Integrator - 1005-10-77	LS	LUMP SUM	_____._____
1666	SPV.0105 Special 019. Electrical Systems Integrator - 1005-10-87	LS	LUMP SUM	_____._____
1668	SPV.0105 Special 020. Electrical Systems Integrator - 5569-00-71	LS	LUMP SUM	_____._____
1670	SPV.0105 Special 021. Temp Traffic Signals for Intersec. - Modification (Pontiac Dr & Pontiac Pl)	LS	LUMP SUM	_____._____
1672	SPV.0105 Special 022. Removing Sign Bridge S-53-0002	LS	LUMP SUM	_____._____
1674	SPV.0105 Special 023. Removing Sign Bridge S-53-0023	LS	LUMP SUM	_____._____
1676	SPV.0105 Special 024. Removing Sign Bridge S-53-0024	LS	LUMP SUM	_____._____
1678	SPV.0105 Special 025. Removing Sign Bridge S-53-0029	LS	LUMP SUM	_____._____

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Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1680	SPV.0105 Special 026. Removing Sign Bridge S-53-0052	LS	LUMP SUM	_____._____
1682	SPV.0105 Special 350. Electrical Service Meter Breaker Pedestal Special (CB600)	LS	LUMP SUM	_____._____
1684	SPV.0105 Special 351. Electrical Service Meter Breaker Pedestal Special (CB700)	LS	LUMP SUM	_____._____
1686	SPV.0105 Special 352. Electrical Service Meter Breaker Pedestal Special (CB800)	LS	LUMP SUM	_____._____
1688	SPV.0105 Special 353. Electrical Service Meter Breaker Pedestal Special (CB900)	LS	LUMP SUM	_____._____
1690	SPV.0105 Special 354. Electrical Service Meter Breaker Pedestal Special (CB1000)	LS	LUMP SUM	_____._____
1692	SPV.0105 Special 355. Temporary Overhead Electrical Feed	LS	LUMP SUM	_____._____
1694	SPV.0105 Special 356. Gateway Sign Lighting NB Janesville	LS	LUMP SUM	_____._____
1696	SPV.0105 Special 357. Gateway Sign Lighting SB Janesville	LS	LUMP SUM	_____._____
1698	SPV.0105 Special 358. Electrical Service Meter Breaker Pedestal Special (CB1200)	LS	LUMP SUM	_____._____
1700	SPV.0105 Special 359. Electrical Service Meter Breaker Pedestal Special (CB1300)	LS	LUMP SUM	_____._____
1702	SPV.0105 Special 401. Salvage ITS Equipment EXCP-1 (USH 14 Interchange)	LS	LUMP SUM	_____._____
1704	SPV.0105 Special 402. Salvage ITS Equipment EXCP-2 (USH 14 Interchange)	LS	LUMP SUM	_____._____

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Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1706	SPV.0105 Special 403. Salvage ITS Equipment (STH 26 Interchange)	LS	LUMP SUM	_____._____
1708	SPV.0105 Special 404. Relocate Solar-Powered Bluetooth Sensor	LS	LUMP SUM	_____._____
1710	SPV.0105 Special 450. Remove Traffic Signal (STH 26 & Morse Street)	LS	LUMP SUM	_____._____
1712	SPV.0105 Special 451. Remove Traffic Signal (STH 26 & Kettering Street)	LS	LUMP SUM	_____._____
1714	SPV.0105 Special 452. Remove Traffic Signal (USH 14 & IH 39 SB Ramps)	LS	LUMP SUM	_____._____
1716	SPV.0105 Special 453. Remove Traffic Signals (USH 14 & IH 39 NB Ramps)	LS	LUMP SUM	_____._____
1718	SPV.0105 Special 454. Remove Traffic Signal (USH 14 & Lexington)	LS	LUMP SUM	_____._____
1720	SPV.0105 Special 455. Remove Traffic Signal (USH 14 & Pontiac)	LS	LUMP SUM	_____._____
1722	SPV.0105 Special 456. Remove Traffic Signal (USH 14 & IH 39 SB)	LS	LUMP SUM	_____._____
1724	SPV.0105 Special 457. Remove Traffic Signal (USH 14 & IH 39 NB)	LS	LUMP SUM	_____._____
1726	SPV.0105 Special 458. Remove Traffic Signal (USH 14 & Deerfield)	LS	LUMP SUM	_____._____
1728	SPV.0105 Special 459. Salvage and Install Traffic Signal Cabinet (STH 26 & Morse Street)	LS	LUMP SUM	_____._____
1730	SPV.0105 Special 460. Salvage and Install Traffic Signal Cabinet (STH 26 & IH 39 SB Ramps)	LS	LUMP SUM	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1732	SPV.0105 Special 461. Salvage and Install Traffic Signal Cabinet (STH 26 & IH 39 NB Ramps)	LS	LUMP SUM	_____._____
1734	SPV.0105 Special 462. Salvage and Install Traffic Signal Cabinet (STH 26 & Kettering Street)	LS	LUMP SUM	_____._____
1736	SPV.0105 Special 463. Salvage and Install Traffic Signal Cabinet (USH 14 & IH 39 SB Ramps)	LS	LUMP SUM	_____._____
1738	SPV.0105 Special 464. Salvage and Install Traffic Signal Cabinet (USH 14 & Lexington)	LS	LUMP SUM	_____._____
1740	SPV.0105 Special 465. Salvage and Install Traffic Signal Cabinet (USH 14 & Pontiac)	LS	LUMP SUM	_____._____
1742	SPV.0105 Special 466. Salvage and Install Traffic Signal Cabinet (USH 14 & IH 39 SB)	LS	LUMP SUM	_____._____
1744	SPV.0105 Special 467. Salvage and Install Traffic Signal Cabinet (USH 14 & IH 39 NB)	LS	LUMP SUM	_____._____
1746	SPV.0105 Special 468. Salvage and Install Traffic Signal Cabinet (USH 14 & Deerfield)	LS	LUMP SUM	_____._____
1748	SPV.0105 Special 469. Interim Traffic Signals for Intersections (USH 14 & IH 39 SB Ramps)	LS	LUMP SUM	_____._____
1750	SPV.0105 Special 470. Interim Traffic Signals for Intersections (USH 14 & IH 39 NB Ramps)	LS	LUMP SUM	_____._____
1752	SPV.0105 Special 471. Temp Traffic Signals for Intersections-Takeover (STH 26 & IH 39 SB Ramps)	LS	LUMP SUM	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1754	SPV.0105 Special 472. Temp Traffic Signals for Intersections-Takeover (STH 26 & IH 39 NB Ramps)	LS	LUMP SUM	_____._____
1756	SPV.0105 Special 473. Temp Traffic Signals for Intersections - Takeover (USH 14 & IH 39 SB)	LS	LUMP SUM	_____._____
1758	SPV.0105 Special 474. Temp Traffic Signals for Intersections - Takeover (USH 14 & IH 39 NB)	LS	LUMP SUM	_____._____
1760	SPV.0105 Special 475. Temp Traffic Signals for Intersections - Modification (USH 14 & STH 26)	LS	LUMP SUM	_____._____
1762	SPV.0105 Special 476. Temp Traffic Signals for Intersections - Local (Holiday Dr & Lexington Dr)	LS	LUMP SUM	_____._____
1764	SPV.0105 Special 477. Temp Traffic Signals For Intersections - Local (Morse St & Ryan Rd)	LS	LUMP SUM	_____._____
1766	SPV.0105 Special 478. Transport and Install State Furn Adaptive Cameras (STH 26 & Morse St)	LS	LUMP SUM	_____._____
1768	SPV.0105 Special 479. Transport and Install State Furn Adaptive Cameras (STH 26 & IH 39 SB Ramps)	LS	LUMP SUM	_____._____
1770	SPV.0105 Special 480. Transport and Install State Furn Adaptive Cameras (STH 26 & IH 39 NB Ramps)	LS	LUMP SUM	_____._____
1772	SPV.0105 Special 481. Transport and Install State Furn Adaptive Cameras (STH 26 & Kettering St)	LS	LUMP SUM	_____._____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1774	SPV.0105 Special 482. Transport and Install State Furn Adaptive Cameras (USH 14 & Lexington)	LS	LUMP SUM	_____._____
1776	SPV.0105 Special 483. Transport and Install State Furn Adaptive Cameras (USH 14 & Pontiac)	LS	LUMP SUM	_____._____
1778	SPV.0105 Special 484. Transport and Install State Furn Adaptive Cameras (USH 14 & IH 39 SB)	LS	LUMP SUM	_____._____
1780	SPV.0105 Special 485. Transport and Install State Furn Adaptive Cameras (USH 14 & IH 39 NB)	LS	LUMP SUM	_____._____
1782	SPV.0105 Special 486. Transport and Install State Furn Adaptive Cameras (USH 14 & Deerfield)	LS	LUMP SUM	_____._____
1784	SPV.0105 Special 487. Install State Furnished EVP Equipment (STH 26 & Morse Street)	LS	LUMP SUM	_____._____
1786	SPV.0105 Special 488. Install State Furnished EVP Equipment (STH 26 & IH 39 SB Ramps)	LS	LUMP SUM	_____._____
1788	SPV.0105 Special 489. Install State Furnished EVP Equipment (STH 26 & IH 39 NB Ramps)	LS	LUMP SUM	_____._____
1790	SPV.0105 Special 490. Install State Furnished EVP Equipment (STH 26 & Kettering Street)	LS	LUMP SUM	_____._____
1792	SPV.0105 Special 491. Install State Furnished EVP Equipment (Deerfield Drive & Ryan Road)	LS	LUMP SUM	_____._____
1794	SPV.0105 Special 492. Install State Furnished EVP Equipment (USH 14 & Lexington)	LS	LUMP SUM	_____._____
1796	SPV.0105 Special 493. Install State Furnished EVP Equipment (USH 14 & Pontiac)	LS	LUMP SUM	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1798	SPV.0105 Special 494. Install State Furnished EVP Equipment (USH 14 & IH 39 SB)	LS	LUMP SUM	_____._____
1800	SPV.0105 Special 495. Install State Furnished EVP Equipment (USH 14 & IH 39 NB)	LS	LUMP SUM	_____._____
1802	SPV.0105 Special 496. Install State Furnished EVP Equipment (USH 14 & Deerfield)	LS	LUMP SUM	_____._____
1804	SPV.0105 Special 497. Install Traffic Signal Cabinet (Deerfield Dr & Ryan Rd)	LS	LUMP SUM	_____._____
1806	SPV.0105 Special 500. Gateway Signage (Northbound)	LS	LUMP SUM	_____._____
1808	SPV.0105 Special 501. Gateway Signage (Southbound)	LS	LUMP SUM	_____._____
1810	SPV.0165 Special 700. Longitudinal Grooving Bridge Deck	39,195.000 SF	_____._____	_____._____
1812	SPV.0165 Special 851. Temporary Wall Wire Faced Mechanically Stabilized Earth	8,210.000 SF	_____._____	_____._____
1814	SPV.0165 Special 852. Wall Modular Block Gravity R-53-46	790.000 SF	_____._____	_____._____
1816	SPV.0165 Special 853. Wall Concrete Panel Mechanically Stabilized Earth, R-53-42	11,090.000 SF	_____._____	_____._____
1818	SPV.0165 Special 854. Wall Concrete Panel Mechanically Stabilized Earth, R-53-43	12,140.000 SF	_____._____	_____._____
1820	SPV.0165 Special 855. Wall Concrete Panel Mechanically Stabilized Earth, R-53-44	4,420.000 SF	_____._____	_____._____
1822	SPV.0165 Special 856. Wall Concrete Panel Mechanically Stabilized Earth, R-53-45	4,940.000 SF	_____._____	_____._____

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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1824	SPV.0165 Special 857. Wall Concrete Panel Mechanically Stabilized Earth, R-53-47	12,961.000 SF	_____._____	_____._____
1826	SPV.0165 Special 858. Wall Concrete Panel Mechanically Stabilized Earth, R-53-48	58,116.000 SF	_____._____	_____._____
1828	SPV.0165 Special 859. Wall Concrete Panel Mechanically Stabilized Earth, R-53-49	17,255.000 SF	_____._____	_____._____
1830	SPV.0165 Special 860. Wall Concrete Panel Mechanically Stabilized Earth, R-53-53	4,270.000 SF	_____._____	_____._____
1832	SPV.0165 Special 861. Wall Concrete Panel Mechanically Stabilized Earth, R-53-54	4,790.000 SF	_____._____	_____._____
1834	SPV.0165 Special 862. Wall Concrete Panel Mechanically Stabilized Earth, R-53-55	13,432.000 SF	_____._____	_____._____
1836	SPV.0165 Special 863. Wall Concrete Panel Mechanically Stabilized Earth, R-53-56	7,210.000 SF	_____._____	_____._____
1838	SPV.0165 Special 864. Wall Concrete Panel Mechanically Stabilized Earth, R-53-57	7,460.000 SF	_____._____	_____._____
1840	SPV.0165 Special 865. Wall Concrete Panel Mechanically Stabilized Earth, R-53-58	3,956.000 SF	_____._____	_____._____
1842	SPV.0165 Special 866. Wall Concrete Panel Mechanically Stabilized Earth, R-53-59	4,735.000 SF	_____._____	_____._____
1844	SPV.0165 Special 867. Wall Modular Block Gravity Landscape STH 26	350.000 SF	_____._____	_____._____
1846	SPV.0165 Special 868. Wall Modular Block Gravity Landscape Ryan Road	530.000 SF	_____._____	_____._____
1848	SPV.0180 Special 001. Compost	55,700.000 SY	_____._____	_____._____

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Federal ID(s): WISC 2019001, N/A, WISC 2019004, WISC 2019002

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1850	SPV.0180 Special 150. Temporary Erosion Mat Class I Type B	47,400.000 SY	_____._____	_____._____
1852	509.0301 Preparation Decks Type 1	60.000 SY	_____._____	_____._____
1854	509.0302 Preparation Decks Type 2	20.000 SY	_____._____	_____._____
1856	509.0310.S Sawing Pavement Deck Preparation Areas	500.000 LF	_____._____	_____._____
1858	509.5100.S Polymer Overlay	13,828.000 SY	_____._____	_____._____
1860	632.0101 Trees (species) (size) (root) 034. Cedar, Eastern Red, B&B, 8-Foot Ht.	5.000 EACH	_____._____	_____._____
1862	632.0201 Shrubs (species) (size) (root) 014. Sumac, Smooth, Container, 3-Foot Ht. #5	62.000 EACH	_____._____	_____._____
1864	SPV.0035 Special 701. Deck Patching	12.000 CY	_____._____	_____._____
1866	SPV.0060 Special 213. Temporary Concrete Barrier Gate	1.000 EACH	_____._____	_____._____

Section: 0001 Total: _____._____

Total Bid: _____._____