Wisconsin Department of Transportation

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

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

March 7, 2023

NOTICE TO ALL CONTRACTORS:

Proposal #12:

1228-22-70, WISC 2023278
IH 43 North South Freeway
Brown Street to Capitol Drive
IH 43
Milwaukee County

1228-22-80
IH 43 North South Freeway
Center St Bridge B-40-208
Local Street
Milwaukee County

1228-22-81
IH 43 North South Freeway
Center B-40-208, Locust B-40-207
Local Street
Milwaukee County

1228-22-87
IH 43 North South
Wright St Bridge B-40-209
Local Street
Milwaukee County

Letting of March 14, 2023

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
4	Prosecution and Progress
6	Traffic
7	Holiday and Special Event Work Restrictions
9	Other Contracts

Added Special Provisions	
Article No.	Description
182	Removing Ancillary Structure S-40-228
183	Removing Temporary Precast Trench Drain, Item 204.9090.S.0001
184	Portable Automated Real-Time Traffic Queue Warning System, Item 643.1200.S.
185	Concrete Barrier Transition Type V32 to S32A, Item SPV.0060.0019; Concrete Barrier Transition Type V42 to S42A, Item SPV.0060.0020; Concrete Barrier Transition Type S56 to S32A, Item SPV.0060.0021; Concrete Barrier Transition Type S56 to S42A, Item SPV.0060.0022; Concrete Barrier Transition Type V56 to S32A, Item SPV.0060.0023; Concrete Barrier Transition Type V56 to S42A, Item SPV.0060.0024; Concrete Barrier Transition Type S32A to S42A, Item SPV.0060.0025;

	Concrete Barrier Transition Type V51 to S56 Special, Item SPV.0060.0026; Concrete Barrier Transition Type V56 to V42 Special, Item SPV.0060.0027; Concrete Barrier Transition Type V42 to S56A, Item SPV.0060.0028; Concrete Barrier Transition Type V56 to V56 Special I, Item SPV.0060.0029; Concrete Barrier Transition Type V56 to V56 Special II, Item SPV.0060.0030; Concrete Barrier Transition Type V32 to S42A, Item SPV.0060.0031.
186	Concrete Barrier (Type) Light Pole Base, Items SPV.0060.0032-0034
187	Moving State Furnished Signs, Item SPV.0060.0035
188	Install State Furnished Signs, Item SPV.0060.0036
189	Cleaning Drainage Structures, Item SPV.0060.0037
190	Ultrasonic Impact Treatment Procedure, Item SPV.0060.0402

Deleted Special Provisions	
Article No.	Description
109	Concrete Barrier Transition Type V51 to S56, Item SPV.0060.0014; Concrete Barrier Transition Fixed Object Protection Type S42 to S42C, Item SPV.0060.0015.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
204.0157	Removing Concrete Barrier	LF	31,131	138	31,269
204.0220	Removing Inlets	EACH	320	6	326
204.0245.0002	Removing Storm Sewer 15-Inch	LF	2,126	71	2,197
205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	TON	624	204	828
305.0120	Base Aggregate Dense 1 ¼-Inch	TON	93,313	2,697	96,010
520.8000	Concrete Collars for Pipe	EACH	287	9	296
603.0105	Concrete Barrier Single-Faced 32-Inch	LF	167	102	269
603.1132	Concrete Barrier Type S32	LF	238	247	485
603.1142	Concrete Barrier Type S42	LF	6,988	-5,325	1,663
603.1232	Concrete Barrier Type S32A	LF	2,224	-693	1,531
603.1242	Concrete Barrier Type S42A	LF	7,810	-999	6,811
603.1442	Concrete Barrier Type S42C	LF	104	407	511
603.1456	Concrete Barrier Type S56C	LF	693	-15	678
603.2142	Concrete Barrier Fixed Object Protection Type S42	LF	2	622	624
603.3611	Concrete Barrier Transition Type V32 to S32	EACH	10	-9	1
603.3655	Concrete Barrier Transition Type V42 to S42	EACH	30	-16	14
603.8000	Concrete Barrier Temporary Precast Delivered	LF	54,899	2170	57,069
603.8125	Concrete Barrier Temporary Precast Installed	LF	55,234	2185	57,419
603.8500	Anchoring Concrete Barrier Temporary Precast	LF	1,181	380	1,561
608.0315	SSPRC Class III 15-Inch	LF	4,219	76	4,295
611.0535	Manhole Covers Type J-Special	EACH	103	1	104
611.0654	Inlet Covers Type V	EACH	206	5	211
611.2005	Manholes 5-Ft Diameter	EACH	48	1	49

611.3004	Inlets 4-Ft Diameter	EACH	315	6	321
614.0905	Crash Cushions Temporary	EACH	21	4	25
634.0622	Posts Wood 4x6-Inch x 22-Ft	EACH	114	12	126
634.0885	Posts Tubular Steel 2x2x8.5 Ft	EACH	12	7	19
637.2210	Signs Type II Reflective H	SF	2,545.105	-146.250	2,398.855
637.2230	Signs Type II Reflective F	SF	1,120.000	-4.500	1,115.500
638.2102	Moving Signs Type II	EACH	3	7	10
638.2602	Removing Signs Type II	EACH	260	-5	255
638.3000	Removing Small Sign Supports	EACH	160	-2	158
643.0300	Traffic Control Drums	DAY	395,175	22,673	417,848
643.0420	Traffic Control Barricades Type III	DAY	36,611	1,505	38,116
643.0705	Traffic Control Warning Lights Type A	DAY	72,473	3,010	75,483
643.0715	Traffic Control Warning Lights Type C	DAY	71,131	1,230	72,361
643.0800	Traffic Control Arrow Boards	DAY	3,375	128	3,503
643.0900	Traffic Control Signs	DAY	117,305	5,423	122,728
643.0910	Traffic Control Covering Signs Type I	EACH	19	5	24
643.0920	Traffic Control Covering Signs Type II	EACH	123	47	170
643.1000	Traffic Control Signs Fixed Message	SF	1,549	-6	1,543
643.1050	Traffic Control Signs PCMS	DAY	929	70	999
643.3105	Temporary Marking Line Paint 4-Inch	LF	357,563	-732	356,831
643.3120	Temporary Marking Line Epoxy 4-Inch	LF	68,843	80,147	148,990
643.3150	Temporary Marking Line Removable Tape 4-Inch	LF	25,749	732	26,481
643.3205	Temporary Marking Line Paint 8-Inch	LF	59,555	-219	59,336
643.3220	Temporary Marking Line Epoxy 8-Inch	LF	15,870	9,253	25,123
643.3250	Temporary Marking Line Removable Tape 8-Inch	LF	1,513	219	1,732
643.3505	Temporary Marking Arrow Paint	EACH	17	-2	15
643.3760	Temporary Marking Raised Pavement Marker Type 1	EACH	474	61	535
643.3805	Temporary Marking Stop Line Paint 18-Inch	LF	173	-151	22
646.9000	Marking Removal Line 4-Inch	LF	52,056	165,347	217,403
646.9100	Marking Removal Line 8-Inch	LF	13,985	14,797	28,782
646.9300	Marking Removal Special Marking	EACH	8	2	10
ASP.1.1PA	On-the-Job Training Pre-Apprentice at $5.00/HR	HRS	1,500	3,500	5,000
ASP.1.1PAA	On-the-Job Training Pre-Apprentice with Advancement at $10.00/HR	HRS	5,000	-3,500	1,500

Added Bid Item Quantities

Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
204.9060.S.0001	Removing Temporary Precast Trench Drain	LF	0	478	478
603.0405	Concrete Barrier Transition Section 32-Inch	LF	0	34	34
603.1332	Concrete Barrier Type S32B	LF	0	26	26
603.1342	Concrete Barrier Type S42B	LF	0	114	114
603.3311	Concrete Barrier Transition Type NJ32DF to S32	EACH	0	1	1
643.1200.S	Portable Automated Real-Time Traffic Queue Warning System	DAY	0	330	330
643.3550	Temporary Marking Arrow Removable Tape	EACH	0	2	2
643.3850	Temporary Marking Stop Line Removable Tape	LF	0	22	22
657.0536	Monotube Arms 35-FT-Special	EACH	0	5	5
657.0541	Monotube Arms 40-FT-Special	EACH	0	2	2

657.0546	Monotube Arms 45-FT-Special	EACH	0	1	1
SPV.0060	0019. Concrete Barrier Transition Type V32 to S32A	EACH	0	5	5
SPV.0060	0020. Concrete Barrier Transition Type V42 to S42A	EACH	0	13	13
SPV.0060	0021. Concrete Barrier Transition Type S56 to S32A	EACH	0	1	1
SPV.0060	0022. Concrete Barrier Transition Type S56 to S42A	EACH	0	4	4
SPV.0060	0023. Concrete Barrier Transition Type V56 to S32A	EACH	0	2	2
SPV.0060	0024. Concrete Barrier Transition Type V56 to S42A	EACH	0	9	9
SPV.0060	0025. Concrete Barrier Transition Type S32A to S42A	EACH	0	15	15
SPV.0060	0026. Concrete Barrier Transition Type V51 to S56 Special	EACH	0	1	1
SPV.0060	0027. Concrete Barrier Transition Type V56 to V42 Special	EACH	0	1	1
SPV.0060	0028. Concrete Barrier Transition Type V42 to S56A	EACH	0	1	1
SPV.0060	0029. Concrete Barrier Transition Type V56 to V56 Special I	EACH	0	1	1
SPV.0060	0030. Concrete Barrier Transition Type V56 to V56 Special II	EACH	0	1	1
SPV.0060	0031. Concrete Barrier Transition Type V32 to S42A	EACH	0	1	1
SPV.0060	0032. Concrete Barrier Type S42A Light Pole Base	EACH	0	45	45
SPV.0060	0033. Concrete Barrier Type V42 Light Pole Base	EACH	0	1	1
SPV.0060	0034. Concrete Barrier Type V42 Special Light Pole Base	EACH	0	1	1
SPV.0060	0035. Moving State Furnished Signs	EACH	0	2	2
SPV.0060	0036. Install State Furnished Signs	EACH	0	2	2
SPV.0060	0037. Cleaning Drainage Structures	EACH	0	40	40
SPV.0060	0402. Ultrasonic Impact Treatment Procedure	EACH	0	336	336

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
603.3513	Concrete Barrier Transition Type S32 to S36	EACH	5	-5	0
603.3535	Concrete Barrier Transition Type S36 to S42	EACH	9	-9	0
603.3559	Concrete Barrier Transition Type S42 to S56	EACH	19	-19	0
603.3699	Concrete Barrier Transition Type V56 to S56	EACH	11	-11	0
603.8505	Anchoring Concrete Barrier Temporary Precast on Bridge Decks	LF	357	-357	0
654.0115	Concrete Bases Type F	EACH	47	-47	0
657.0535	Monotube Arms 35-FT	EACH	5	-5	0
657.0540	Monotube Arms 40-FT	EACH	2	-2	0
657.0545	Monotube Arms 45-FT	EACH	1	-1	0
SPV.0060	0014. Concrete Barrier Transition Type V51 to S56	EACH	1	-1	0

SPV.0060	0015. Concrete Barrier Fixed Object Protection Type S42 to Concrete Barrier Type S42C	EACH	1	-1	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
2	Removed note 15, “Finishing Roadway shall include cleanout of existing drainage structures as directed by the engineer.”
40	Updated table and title to include vertical concrete barrier.
41	Updated detail for concrete barrier S42A only, removed references to S32A barrier.
42	Updated light pole location stations for some light pole moves.
59	Updated removal of existing concrete barrier along Ramp KC2.
74	Removals coordinated with URT Project 1228-22-71 to the north.
75-85	Concrete barrier transitions replaced with non-standard concrete barrier transitions in median areas with S32A and S42A concrete barrier at light poles, sign bases and integral barrier.
257	Added note for temporarily moving mile markers.
265-266	Signs coordinated with URT Project 1228-22-71 to the north.
279	Added note for temporarily moving mile markers.
287-288	Signs coordinated with URT Project 1228-22-71 to the north.
336-337	Moved light pole 8 ft south (from STA 831+75 to STA 831+67).
338-339	Moved light pole 3 ft south (from STA 844+79 to STA 844+76).
340-341	Moved light pole 4 in south (from STA 860+18 to STA 860+17).
348-349	Moved light pole 7.7 ft south (from STA 910+63 to STA 910+55) and another light pole 3.1 ft north (from STA 912+42 to STA 912+45).
350-351	Moved light pole 2.7 ft south (from STA 921+34 to STA 921+31).
440-441	Moving Geico sign that was installed as part of the URT project.
444	Added temp barrier to shield temp light pole hazard.
446	Moving Geico sign that was installed as part of the URT project.
448-451	Added temp barrier to shield temp light pole hazard and match URT project staging.
453	Added Traffic Queue Warning System (QWS).
454-455	Replaced lane shifting sign.
457	Added WO4-3R signs and lane shifting signs.
458	Added temp barrier to shield temp light pole hazard.
460	Added fixed message signs.
461	Added sensor for Traffic Queue Warning System (QWS).
462	Added R3-33R sign & temp barrier to shield temp light pole hazard.
464-465	Staging coordinated with URT Project 1228-22-71 to the north.
467	Added Traffic Queue Warning System (QWS).
468-469	Replaced lane shifting sign.
471	Added WO4-3R signs and lane shifting signs.
475	Added Traffic Queue Warning System (QWS).
476	Added R3-33R sign.
483	Lengthened shifting taper to 75 ft.
485	Added Traffic Queue Warning System (QWS).
489	Added Traffic Queue Warning System (QWS).
491	Added Traffic Queue Warning System (QWS).
495-496	Added Traffic Queue Warning System (QWS).
499	Lengthened shifting taper to 75 ft.
503	Added Traffic Queue Warning System (QWS).
506-507	Added Traffic Queue Warning System (QWS).
509	Added nighttime full freeway closure for storm work under “traffic.”

510	Added Traffic Queue Warning System (QWS).
513	Added sensor for Traffic Queue Warning System (QWS).
517-518	Added Traffic Queue Warning System (QWS).
557	Moved temp barrier wall to match structure plans. Barrier is no longer pinned.
560-561	Moved temp barrier wall to match structure plans.
568	Moved temp barrier wall to match structure plans.
571-572	Moved temp barrier wall to match structure plans. Temp pavement marking on new pavement and bridge to be removable tape.
578	Revised note to specify full freeway closure (IH 43 NB & SB) for deck removal & full freeway closure (NB only) for deck stripping. IH 43 SB will be staged during deck stripping.
593	Revised note to remove reference to deck stripping.
658	Revised the Removing Concrete Barrier quantity for Ramp KC2.
664	Moved “Removing Inlets” to a separate sheet.
674	Moved rows over to added sheet.
676	Revised the Base Aggregate Dense 1 ¼-Inch total quantity to include Stage 5 and the contaminated soil quantity (CY quantity accidently referenced).
687	Revised the Concrete Barrier quantities
701-706	Revised the following MQ tables: Concrete Barrier Temporary, Temporary Pavement Marking Items, Fixed Message Signs, and Traffic Control. Added FST signs and Cleaning Drainage Structures.
715	Storm sewer staging coordinated with URT Project 1228-22-71 to the north.
724	Storm sewer staging coordinated with URT Project 1228-22-71 to the north.
727	Storm sewer staging coordinated with URT Project 1228-22-71 to the north.
729-752	Revised quantities after coordination with project 1228-22-71.
764-766	Added an SPV item for the light pole bases (will be a roadway item)
792	Miscellaneous Quantities (Monotube Arms item revisions)
799	Miscellaneous Quantities (Monotube Arms item revisions)
806	Miscellaneous Quantities (Monotube Arms item revisions)
812	Miscellaneous Quantities (Monotube Arms item revisions)
901-914	SDD Concrete Barrier Temporary Precast, 12’-6”
1182-1183	Revised List of Drawings and Quantities to include Ultrasonic Impact Treatment Procedure.
1185	Added note to legend about cleaning existing reinforcement bars.
1198	Added Ultrasonic Impact Treatment (UIT) Locations detail.
1208	Revised Quantities to include Ultrasonic Impact Treatment Procedure and General Notes.
1219	Added Ultrasonic Impact Treatment (UIT) detail.

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
41A-41B	Added concrete light pole base details for V42.
42A-42Z	Added details for the non-standard concrete barrier transitions.
223A	Storm sewer staging coordinated with URT Project 1228-22-71 to the north.
256A	Storm sewer staging coordinated with URT Project 1228-22-71 to the north.
452A	Added Traffic Queue Warning System (QWS).
466A	Added Traffic Queue Warning System (QWS).
479A-479L	Added an over winter stage.
588A-588B	Added full freeway closure detours for traffic control setup between stages, NB & SB.
664A	Storm sewer staging coordinated with URT Project 1228-22-71 to the north.
674A	Storm sewer staging coordinated with URT Project 1228-22-71 to the north.
687A	Revised Concrete Barrier table to two sheets. One for concrete barrier and light pole bases and the other for concrete barrier transitions.
738A-738B	Couple sheets added to the signing removal quantities.
999A	SDD Traffic Control, Two Lane Closure on Freeway or Expressway

999B	SDD Traffic Control, Two Lane Closure on Freeway or Expressway, Short Term (Less than 24 hours)

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

1228-22-70/80/81/87

March 7, 2023

Special Provisions

4. Prosecution and Progress.

Replace the sixth under subsection titled **Stage I Construction** *under section titled* **2023 Construction** *with the following:*

- Clearing for temporary lighting was completed as a separate contract by others. Remove all downed wood piles and complete all grubbing operations prior to the installation of temporary lighting and FTMS work.

Add the following under section titled **Local Street Work Restrictions***:*

Definitions
The following definitions apply to this contract for local street closure restrictions:

Peak Hours
6:00 AM – 9:00 AM
2:00 PM – 9:00 PM

Off-Peak Hours
9:00 AM – 2:00 PM
9:00 PM – 6:00 AM

6. Traffic.

Add the following to the end of the section titled **Detours***:*

When IH 43 NB on-ramp from North Avenue is closed, NB traffic on 6th Street and WB traffic on STH 175/Fond Du Lac Avenue will head north on 6th Street; veer left onto Halyard Street/7th Street, continue north on 7th Street and enter the freeway via the IH 43 NB on-ramp at Locust Street.

IH 43 NB Full Closure Detour:

IH 43 Stage V: NB traffic on IH 43 will exit the freeway via the off-ramp to STH 190/Capitol Drive, continue east on STH 190/Capitol Drive, turn left on Port Washington Road, then turn left on Fiebrantz Avenue, continue west until entering the freeway.

Locust Street: NB traffic on IH 43 will exit the freeway via the off-ramp to Locust Street, continue north on 7th Street and enter the freeway via the IH 43 NB on-ramp at Locust Street.

Burleigh Street: NB traffic on IH 43 will exit the freeway via the off-ramp to Locust Street, continue north on 7th Street, veer left on Access Road/7th Street and enter the freeway via the IH 43 NB on-ramp at Atkinson Avenue.

2023 Staging Setup: NB traffic on IH 43 will exit the freeway via the off-ramp to STH 145/Fond Du Lac Avenue, travel northwest on STH 145/Fond Du Lac Avenue, then travel north on STH 57/20th Street, veer right along Teutonia Avenue, then travel east on Silver Spring Drive and enter the freeway via the NB on-ramp from Silver Spring Drive.

IH 43 SB Full Closure Detour:

Locust Street: SB traffic on IH 43 will exit the freeway via the off-ramp to Locust Street, continue south on 8th Street and enter the freeway via the IH 43 SB on-ramp at Locust Street.

Burleigh Street: SB traffic on IH 43 will exit the freeway via the off-ramp to STH 57/Green Bay Avenue, continue southeast on STH 57/Green Bay Avenue/Doctor M.L.K. Jr Drive, turn right on Locust Street, continue west on Locust Street, and enter the freeway via the IH 43 SB on-ramp at Locust Street.

2023 Staging Setup: SB traffic on IH 43 will exit the freeway via the off-ramp to Silver Spring Drive, continue west on Silver Spring Drive, then travel south on Teutonia Avenue, veer right along STH 57/20th Street, then travel southeast on STH 145/Fond Du Lac Avenue and enter the freeway via the SB on-ramp from STH 145/Fond Du Lac Avenue.

Add the following to the section titled **Pedestrian Detours***:*

STH 190/Capitol Drive Sidewalk Closure Detour:

Pedestrians using the sidewalk on the south side of STH 190/Capitol Drive will cross the street at Doctor M.L.K. Jr Drive or 7th Street and use the sidewalk on the north side.

7. Holiday and Special Event Work Restrictions.

Freeway Special Event Restrictions

Insert the following before the second to last paragraph:

During the Republican National Convention (RNC), no lane, ramp, or full closures will be allowed between noon Friday, July 12, 2024 to 6:00 pm Friday, July 19, 2024 in both directions.

Do not perform work; haul equipment; or haul materials, on, along, or across any portion of IH 43, including ramps. Any exceptions to this work restriction must be approved by the engineer in writing.

Roadway and traffic control maintenance required by the contractor shall be performed as needed during this work restriction. Coordinate with the project engineer for approval in advance of performing necessary roadway or traffic control maintenance work.

9. Other Contracts.

Add the following to the end of the section:

Project 2674-02-70
C Milwaukee W Walnut Street
N 20th Street to N 12th Street
WisDOT Design contact: Greg Hafeman; (262) 548-8677

109. DELETED

182. Removing Ancillary Structure S-40-228.

Replace standard spec 204.3.2.4(1) with the following:

Existing ancillary structure S-40-228 has been removed under project 1228-22-71. Remove the existing concrete foundation and drilled shafts. Dispose of structure components off-site.

183. Removing Temporary Precast Trench Drain, Item 204.9090.S.0001.

A Description

This special provision describes removing Temporary Precast Trench Drain in accordance to the pertinent

provisions of standard spec 204 and as hereinafter provided.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Temporary Precast Trench Drain in lineal feet, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.0001	Removing Temporary Precast Trench Drain	LF

stp-204-025 (20150630)

184. Portable Automated Real-Time Traffic Queue Warning System, Item 643.1200.S.

A Description

This special provision describes providing, repositioning, operating, maintaining, monitoring, calibrating, testing and removing a portable automated real-time traffic queue warning system (QWS) capable of measuring vehicular speeds at downstream sections of a roadway, and displaying the speed information on portable changeable message signs (PCMS) at upstream locations.

B Materials

Provide QWS components and software that is National Transportation Communications for ITS Protocol (NTCIP) compliant.

B.1 Portable Changeable Message Signs (PCMS)

Provide PCMS conforming to standard spec 643. Ensure each PCMS is integrated with a modem, and other equipment (e.g., automated system manager) mounted on it, and acts as a single “device” for communicating with similarly integrated “devices” and displaying real-time traffic condition information.

B.2 Portable Traffic Sensors (PTS)

Provide PTS that are nonintrusive and capable of capturing vehicle speed in mph. Integrate each sensor with a modem to communicate with the automated system manager (ASM).

B.3 Automated System Manager (ASM)

Provide an ASM that assesses current traffic data captured by the system PTS and communicates appropriate messages to the motorists through PCMS based on predetermined speed thresholds and messages.

B.4 System Communications

Ensure QWS communications meet the following requirements:

1. Perform required configuration of the QWS’s communication system automatically during system initialization.
2. Communication between the server and any individual PCMS or PTS are independent through the full range of deployed locations, and do not rely upon communications with any other PCMS or PTS.
3. Incorporate an error detection/correction mechanism into the QWS communication system to ensure the integrity of all traffic condition data and motorist information messages.

B.5 System Acceptance

Submit vendor verification to the engineer and Bureau of Traffic Operations (DOTBTOworkzone@dot.wi.gov) 14 calendar days before the pre-construction meeting that the system will adequately perform the functions specified in this special provision. Adequate verification includes past successful performance of the system, literature and references from successful use of the system by other agencies, and/or demonstration of the system.

Provide contact information for a designated representative responsible for monitoring the performance of the system and for making modifications to the operational settings as the engineer directs.

Provide all testing and calibration equipment.

C Construction

C.1 General

Install and reposition Portable Automated Real-Time Queue Warning System per plan or as the engineer directs. Provide plan to the engineer and Bureau of Traffic Operations (DOTBTOworkzone@dot.wi.gov) 14 calendar days before the pre-construction meeting.

PTS may be mounted on PCMS, arrow board or other trailer devices.

Install PTS at the following locations:

1. Place first PTS within the lane closure taper.
2. Place second PTS 5,700 feet upstream of the lane closure taper.
3. Place third PTS 2 miles upstream of the lane closure taper, if applicable.
4. Place any additional sensors even distances (in miles) upstream of the third PTS or as directed by the Engineer.

Install the PCMS at the following locations, delineated by 5 drums:

1. Place first PCMS (PCMS #2) 5,700 feet upstream of the lane closure taper.
2. Place second PCMS 2 miles upstream of the lane closure taper.
3. Place third PCMS 3 miles upstream of the lane closure taper.
4. Place any additional PCMS even distances (in miles) upstream of the third PCMS or as directed by the Engineer.

Number the devices in chronological order so they are visible from the shoulder with 6-inch white high reflective sheeting.

Provide technical personnel for all system calibration, operation, maintenance, and timely on-call support services.

Promptly correct the system within 24 hours of becoming aware of a deficiency in the operation or individual part of the system. A minimum of three days before deployment, place the QWS and demonstrate to the department that the QWS is operational.

Maintain the QWS for the duration of the project. Ensure the system operates continuously (24 hours, 7 days a week) in the automated mode throughout the duration of the project.

Remove the system upon project completion.

C.2 Reports

Provide an electronic copy of a weekly summary report of all data via email to the engineer. Ensure the report includes, at a minimum, the average speed per sensor, time in congestive state per sensor and number of triggers per day.

C.3 Meetings

Attend mandatory in-person pre-construction meetings with the department. Attend additional meetings as deemed necessary by the department. These meetings may be held in person or via teleconference, as scheduled by the department.

C.4 Programming

C.4.1 General

Program the QWS to ensure that the following general operations are performed:

1. Provide a password protected login to the ASM, website and all other databases.
2. Automatic setting of the PCMS message sequences to reflect current traffic flow status updated every 60 seconds for a congestion message. Ensure to remove a congestion message when 180 seconds of average traffic speeds above the current level are observed, or utilize a customized frequency as determined by the engineer.
3. The PCMS activate based on pre-determined speed thresholds.
    - PCMS #2 shall activate based on traffic speeds at the PTS within the lane closure tape.
    - All other PCMS in the QWS shall activate based on traffic speeds at the next downstream PTS, typically 1 mile downstream or based on traffic speeds at the two next downstream PTS.
3. Provide real-time data from the ASM to a website with a full color mapping feature and refresh every 60 seconds. Make data on website available to the department staff at all times for the duration of the work zone activity. Ensure website includes:
    - Vehicle speeds
    - PCMS messaging
    - Device locations
4. Archive all traffic data and PCMS messages in a Microsoft Excel format with date and time stamps.
5. Configure the website to quantify system failures which includes communication disruption between any devices in the system configuration, PCMS malfunctioning, PTS malfunction, loss of power, low battery, etc.
6. Automatically generate and send an email alert any time a user specified queue is detected by the system.
7. Provide default and advisory messages automatically based on traffic conditions.
8. Ensure the system autonomously restarts in case of any power failure.
9. Provide the department access to manually override PCMS messages for a user-specified duration, after which automatic operation will resume display of messages appropriate to the prevailing traffic conditions. Document all override messages.

C.4.2 System Operation Strategy

Arrange for the vendor/manufacturer to coordinate system operation, detection, trends/thresholds, and messaging parameters with the engineer.

The sequences below are a minimum requirement and can be adjusted by the engineer at their discretion.

Free Flow:

If the current speed on a roadway section is at or above 40 mph, the upstream PCMS shall display nothing except for lighting the four corners (flashing caution mode) to show that it is on.

Slow Traffic:

If the current speed on any downstream section of the roadway is between the 39 mph and 20 mph (for example, 35 mph), the following two phase messages will be displayed on the upstream PCMS as shown below:

EVENT	FRAME 1	FRAME 2
Speeds 20 mph to 39 mph	SLOW TRAFFIC AHEAD	PREPARE TO STOP

Stopped Traffic:

If the current speed on a roadway section of the roadway drops below 20 mph, the following two phase messages will be displayed on the upstream PCMS as shown below:

EVENT	FRAME 1	FRAME 2
Speeds 0 mph to 19 mph	TRAFFIC STOPPED AHEAD	EXPECT DELAYS

C.5 Calibration and Testing

At the beginning of the project perform a successful field test and calibration at the QWS location to verify the system is detecting accurate vehicle speeds, and accurately relaying the information to the ASM and the PCMS.

Send email of successful calibration and testing to the engineer.

D Measurement

The department will measure Portable Automated Real-Time Traffic Queue Warning System by the day, acceptably completed, measured as each complete system per roadway.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
643.1200.S	Portable Automated Real-Time Traffic Queue Warning System	DAY

Payment is full compensation for providing, repositioning, operating, maintaining, monitoring, calibrating, testing, and removing the complete system consisting of PCMS, PTS, ASM, and system communications.

Failure to correct a deficiency to the PCMS, PTS, or ASM within 24 hours after notification from the engineer or the department will result in a one-day deduction of the measured quantity for each day in which the deficiency is not corrected.

Failure to correct the website within 24 hours after notification from the engineer will result in a 10% reduction of the day quantity for each day the website is down.

The engineer will have sole discretion to assess the deductions for an improperly working QWS.

stp-643-045 (20200629)

185. Concrete Barrier Transition Type V32 to S32A, Item SPV.0060.0019; Concrete Barrier Transition Type V42 to S42A, Item SPV.0060.0020; Concrete Barrier Transition Type S56 to S32A, Item SPV.0060.0021; Concrete Barrier Transition Type S56 to S42A, Item SPV.0060.0022; Concrete Barrier Transition Type V56 to S32A, Item SPV.0060.0023; Concrete Barrier Transition Type V56 to S42A, Item SPV.0060.0024; Concrete Barrier Transition Type S32A to S42A, Item SPV.0060.0025; Concrete Barrier Transition Type V51 to S56 Special, Item SPV.0060.0026; Concrete Barrier Transition Type V56 to V42 Special, Item SPV.0060.0027; Concrete Barrier Transition Type V42 to S56A, Item SPV.0060.0028; Concrete Barrier Transition Type V56 to V56 Special I, Item SPV.0060.0029; Concrete Barrier Transition Type V56 to V56 Special II, Item SPV.0060.0030; Concrete Barrier Transition Type V32 to S42A, Item SPV.0060.0031.

A Description

This special provision describes constructing Concrete Barrier Transition (Type) according to standard spec 603, details shown in the plans, and as hereinafter.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Concrete Barrier Transition (Type) by each individual unit, acceptably placed according to the contract.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0019	Concrete Barrier Transition Type V32 to S32A	EACH
SPV.0060.0020	Concrete Barrier Transition Type V42 to S42A	EACH
SPV.0060.0021	Concrete Barrier Transition Type S56 to S32A	EACH
SPV.0060.0022	Concrete Barrier Transition Type S56 to S42A	EACH
SPV.0060.0023	Concrete Barrier Transition Type V56 to S32A	EACH
SPV.0060.0024	Concrete Barrier Transition Type V56 to S42A	EACH
SPV.0060.0025	Concrete Barrier Transition Type S32A to S42A	EACH
SPV.0060.0026	Concrete Barrier Transition Type V51 to S56 Special	EACH
SPV.0060.0027	Concrete Barrier Transition Type V56 to V42 Special	EACH
SPV.0060.0028	Concrete Barrier Transition Type V42 to S56A	EACH
SPV.0060.0029	Concrete Barrier Transition Type V56 to V56 Special I	EACH
SPV.0060.0030	Concrete Barrier Transition Type V56 to V56 Special II	EACH
SPV.0060.0031	Concrete Barrier Transition Type V32 to S42A	EACH

186. Concrete Barrier Type S42A Light Pole Base, Item SPV.0060.0032; Concrete Barrier Type V42 Light Pole Base, Item SPV.0060.0033; Concrete Barrier Type V42 Special Light Pole Base, Item SPV.0060.0034;

A Description

This special provision describes furnishing and installing concrete barrier light pole bases as shown on the plans and as hereinafter provided.

B Materials

B.1 Concrete Barrier

Furnish materials according to standard spec 603.2.

B.2 Concrete Bases

Furnish materials according to standard spec 654.2.1, Concrete Bases.

B.3 Junction Boxes

Furnish 18 X 12 X 6 – inch 316 stainless steel junction boxes with a recessed cover. Junction box shall meet NEMA 4 standards for protection against windblown dust and rain and splashing water. Furnish standard covers with stainless steel hex-head mounting bolts with each box assembly. Boxes shall have a neoprene gasket with provision for allowing drainage out of the box.

Junction boxes shall be furnished with factory installed mounting buttons as required to attach grounding lugs and mechanical connectors as shown on the plans. Provide engineer- approved protection that totally and permanently seals connections with a silicone or rubberized caulk. One junction box per base is required.

B.4 Electrical Wiring Connectors

Furnish rubber insulated submersible secondary connectors rated for copper conductors (minimum 12 AWG) as required for splicing in each location. Secondary connectors shall include silicone grease and CO-OX oxide inhibitor and meet the performance requirements of ANSI C119.1 and C119.4.

B.5 Conduit, Fittings and Expansion/Deflection Couplings

Furnish rigid non-metallic schedule 40 PVC conduit and fittings as shown on the plans conforming to the pertinent provisions of standard spec 652.

Furnish UL listed expansion/deflection coupling joints as shown on the plans. Expansion/deflection coupling joints shall be rated for use with rigid metallic conduit and provide a watertight and corrosion resistant connection which allows for movement in all directions. Couplings shall maintain a constant inner diameter and provide a smooth insulated wireway for protection of the conductors. Couplings shall include an integral bonding jumper. Two couplings per base are required.

B.6 Anchor Bolt Assemblies

Furnish anchors of the size and spacing as given on the plans, and that conform to ASTM A449 or AASHTO M 314 GR 55. The upper 8 inches of the bolts, nuts, and washers shall be hot-dipped galvanized according to ASTM A153, Class C. Provide enlarged threads on nuts for proper fit after galvanizing.

B.7 Expansion Material

Furnish 3/4-inch expansion material according to standard spec 415.2.3, Expansion Joint Filler. Use elastic type joint filler to seal the surface of the expansion joint.

C Construction

Perform work according to the pertinent requirements of standard spec 603.3 and 654.3, the plans, standard detail drawings, and as hereinafter provided.

Install junction boxes as shown in the plans and as the manufacturer directs.

Install expansion/deflection couplings as the manufacturer directs. Coordinate the connection of the conduit into the receiving roadway barrier prior to pouring the concrete base.

All secondary connectors and miscellaneous wiring, fusing and grounding connections shall be installed according to standard spec 659.3.2 and as the manufacturer directs.

Provide two nuts and two washers per anchor bolt, and install per light standard manufacturer's recommendations.

D Measurement

The department will measure Concrete Barrier (Type) Light Pole Base by each unit, acceptably installed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0032	Concrete Barrier Type S42A Light Pole Base	EACH
SPV.0060.0033	Concrete Barrier Type V42 Light Pole Base	EACH
SPV.0060.0034	Concrete Barrier Type V42 Special Light Pole Base	EACH

Payment for the Concrete Barrier (Type) Light Pole Base bid items is full compensation for furnishing and installing all materials including conduit, couplings, bushings, caps or plugs or both, anchor rods, nuts, washers, expansion material, grounding electrodes, exothermic welds, copper equipment grounding conductors, bar steel reinforcement, junction boxes, and concrete; for excavating, backfilling, and disposing of surplus materials; and for furnishing and installing the anchor bolt assemblies.

187. Moving State Furnished Signs, Item SPV.0060.0035.

A Description

Work under this special provision shall comply with standard spec 638 as described for Moving and Erecting State-Owned Signs, except as otherwise defined for this item.

B (Vacant)

C Construction

Move and erect State-owned signs as described in standard spec 638.3.7. Exact locations for sign installation shall be determined in the field with the Engineer. At the completion of the project, remove the signs and return them to the WisDOT Sign Shop. Contact Randy Hoyt 10 days in advance to arrange for delivery.

D Measurement

The department will measure Moving State Furnished Signs by each individual sign location, acceptably moved, installed, maintained and removed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0035	Moving State Furnished Signs	EACH

Payment is full compensation for the work required under this item: removing the sign in the field, moving the sign to its new location, installing and maintaining the sign, removing the sign, returning the sign to the WisDOT Sign Shop, and restoring the site. Payment does not include compensation for furnishing new wood posts, which are paid for under the pertinent contract bid item.

188. Install State Furnished Signs, Item SPV.0060.0036.

A Description

Work under this special provision shall comply with standard spec 638 as described for Erecting State-Owned Signs, except as otherwise defined for this item.

Contact Chris Hager 10 days in advance to coordinate pickup or delivery of the Department Furnished Freeway Service Team (FST) signs.

B (Vacant)

C Construction

Erect State-owned signs as described in standard spec 638.3.7 as shown on the plans. Exact locations for sign installation shall be determined in the field with the Engineer. At the completion of the project, remove the signs and return them to the WisDOT Sign Shop. Contact Randy Hoyt 10 days in advance to arrange for delivery.

D Measurement

The department will measure Install State Furnished Signs by each individual sign location, acceptably installed, maintained and removed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0036	Install State Furnished Signs	EACH

Payment is full compensation for the work required under this item: picking up the sign, installing and maintaining the sign, removing the sign, returning the sign to the WisDOT Sign Shop, and restoring the site. Payment does not include compensation for furnishing new wood posts, which are paid for under the pertinent contract bid item.

189. Cleaning Drainage Structures, Item SPV.0060.0037.

A Description

This special provision describes cleaning drainage structures as directed by the engineer.

B (Vacant)

C Construction

Completely remove all solids removed from the clogged sewers from the sewer system and haul them off the project for disposal. Silts resulting from any flushing or jetting operation must be prevented from escaping into sewers or waterways. Inspect the drainage structure for repair work and reinstall cover.

D Measurement

The department will measure Cleaning Drainage Structures by each unit of completed and accepted work.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0037	Cleaning Drainage Structures	EACH

Payment is full compensation for furnishing all materials to clean out drainage including silt and solid retention for removing and devices; for removing and properly disposing materials; paying all associated fees for permits, licenses or disposal of materials.

190. Ultrasonic Impact Treatment Procedure, Item SPV.0060.0402.

A Description

Ultrasonic Impact Treatment (UIT) Procedure is used to introduce compressive residual stresses in the existing weld at the ends of the cover plates. This procedure improves the fatigue life of the weld.

B (Vacant)

C Construction

UIT shall be accomplished in accordance to the equipment manufacturer's recommendations, except as specifically described in the contract documents.

Provide UIT equipment with a frequency of either 27 kHz or 36 kHz and a power rating of at least 800 Watts.

All areas of the bridge that will be tested and treated shall be prepared by a blast cleaning and /or hand tooled clean.

The contractor shall supply access and electrical power to accomplish the work.

The use of UIT shall be limited to base metal with a specified minimum yield strength of 100 ksi (690 MPa) or less.

Prior to UIT, the weld toe to receive UIT shall be visually inspected and magnetic particle tested for conformance to the quality standards specified in the contract documents. The instrument shall be calibrated against the maximum flaw size allowed. All discontinuities greater that 1/32" (0.79 mm) shall be satisfactorily repaired prior to initiating the work. All discontinuities that shall be repaired shall be documented in a written report. Contact Kristin Revello at the Bureau of Structures at (608) 266-5090 to determine the appropriate repair.

UIT shall be done along the toe of the weld in a manner that will cause the center of the resultant treatment groove to be at the weld toe, with equal treatment and smooth transition to the adjacent weld and base metal.

UIT shall be performed so as to result in a uniform groove with a distinct and uniform bright metallic surface, as verified by visual inspection by a Certified Weld Inspector immediately after completion. When viewed under a 10x magnifying glass, the groove shall be free from any visible indications of the untreated base metal or weld metal. If such untreated indications exist within the treated area, such area shall be retreated to obtain a uniform, bright metallic surface across the entire surface of the UIT groove.

Other weld or base metal treatments after UIT, including grinding, weld toe remelting (GTAW dressing or plasma arc dressing, hammer peening, shot peening, or heat treatment of the treated UIT, shall not be allowed.

Treatment is necessary only at the weld toe. The weld toe is defined as the interface of the weld metal and base metal attached to the cover plate. Due to the finite size of the UIT needles and the recommended treatment procedure, some base metal adjacent to the weld toe will get treated.

The following procedure shall be used, unless otherwise recommended by the UIT equipment manufacturer:

1. Position the UIT tool tip at the weld toe in a manner that both the weld metal and base metal are equally treated. This will normally be achieved by holding the tool needles in contact with and centered about the weld toe and gently rocking the tool back and forth normal to the longitudinal weld axis up to 10 degrees from the mean position. The inclination of the tool will depend on the condition of the as-welded toe, and in most cases, the tool axis should lie between 40 and 80 degrees with respect to the base metal surface in the plane of the cross section to satisfy this requirement.
2. Sufficient force must be applied to keep the hand held tool in position and to prevent jumping or unsteady movement when the vibrating needles come in contact with the weld toe. The self-weight of the tool is sufficient for this purpose and it is not necessary for the operator to exert undue force to achieve the required treatment.
3. The treatment shall progress at a travel speed of 1.0 to 5.0 ft/min (0.3 to 1.5 m/min) in multiple short passes. At least five passes shall be made to ensure completeness of the treatment. In addition, the tool axis must be maintained at 90 degrees with the direction of travel.
4. The diameter of the indenters influences the resulting appearance of the treated surface. In general, the smaller the diameter, the greater is the likelihood of eliminating the original weld toe. Thus, the treatment at the weld toe shall be carried out using 0.12 in. (3 mm) diameter pins. Pin holders accommodating four pins at various inclinations are generally used, except at narrow re-entrant corners, where a special pin holder having only one 0.2 in. (5 mm) diameter pin must be used.
5. The treatment shall result in a uniform groove appearance without a trace of the original weld toe and shall be free from indentation marks produced by individual needle to toe impact. All sharp transitions, undercuts, and reentrant corners along the weld toe shall be removed. The groove shall have a bright metallic surface and ideally have a notch radius of 0.12 in. (3 mm) or greater. Dimensional limits have been recommended by the manufacturer on the width and depth of the groove cross section, which are essentially related to the groove radius. Since it is difficult to make any accurate measurement of the treated toe, a visual determination of the depth of indentation below the plate surface of 0.010 to 0.020 in. (0.25 to 0.5 mm) is recommended as a guide, but not as a requirement of sufficient treatment.
6. The extent of treatment and general uniformity of appearance must be checked visually with the aid of a 10X magnifying glass.

If there are any intersecting welds between the weld for an existing shear lug angle iron, on the top flange, and the cover plate weld, within the area of the UIT work, the shear lug shall be removed and the intersection weld shall be ground smooth in accordance to the engineer’s instructions.

As part of this work, a written document shall be included describing the inspection, testing, location of the discontinuities and UIT work. The document shall include all irregularities found, the equipment used, the locations of each test, and the testing procedure.

D Measurement
The department will measure the Ultrasonic Impact Treatment Procedure as each individual unit, acceptably completed.

Each individual unit shall be comprised of the treatment to all the welds on one end of one cover plate as shown in the plan details.

Any required repairs to weld discontinuities shall be brought to the attention of the Bureau of Structures as mentioned in Section C. Any required repairs for weld discontinuities will be paid for separately.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0402	Ultrasonic Impact Treatment Procedure	EACH

Payment for the Ultrasonic Impact Treatment Procedure bid item is full compensation for the visual inspection and magnetic particle testing of the welds, removal of shear lugs with intersecting welds, preparation for any of the work, equipment, materials, labor, access, protection of the work area and clean up.

Schedule of Items
Attached, dated March 7, 2023, are the revised Schedule of Items Pages 1 – 41.

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

Revised: 2, 40-42, 59, 74-85, 257, 265-266, 279, 287-288, 336-341, 348-351, 440-441, 444, 446, 448-451, 453, 454-455, 457-458, 460-462, 464-465, 467-469, 471, 475-476, 483, 485, 489, 491, 495-496, 499, 503, 506-507, 509-510, 513, 517-518, 557, 560-561, 568, 571-572, 578, 593, 658, 664, 674, 676, 687, 701-706, 715, 724, 727, 729-752, 764-766, 792, 799, 806, 812, 901 – 914, 1182-1183, 1185, 1198, 1208, and 1219.

Added: 41A-41B, 42A-42Z, 223A, 256A, 452A, 466A, 479A-479L, 588A-588B, 664A, 674A, 687A, 738A-738B, 999A, and 999B

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END OF ADDENDUM

GENERAL NOTES

1. THE LOCATIONS OF EXISTING OR PROPOSED UTILITIES, AS NOTED ON THE PLANS, ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

2. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPERATELY BY THE CONTRACTOR.

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

4. ALL HOLES OR OPENINGS BELOW SUBGRADE RESULTING FROM ABANDONMENT OR REMOVAL OF EXISTING STRUCTURES SHALL BE BACKFILLED WITH SUITABLE MATERIAL, OR AS DIRECTED BY THE ENGINEER. ALL BACKFILL, INCLUDING NATIVE MATERIAL, IS CONSIDERED INCIDENTAL TO THE APPROPRIATE BID ITEM.

5. DIMENSIONS GIVEN FOR EXISTING FEATURES SHALL BE CONSIDERED AS APPROXIMATE AND SHALL BE MEASURED IN THE FIELD FOR MATCHING PURPOSES.

6. CURB AND GUTTER RADII, GRADES AND OFFSETS ARE TO THE FLANGE UNLESS NOTED OTHERWISE.

7. TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL SHALL NOT BE PERMITED IN WETLANDS.

8. ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCLUDING ROAD BED, ARE TO BE TOPSOILED OR SALVAGED TOPSOILED, FERTILIZED, AND SEEDED, SODDED, MULCHED OR INSTALLED EROSION-MAT AS DIRECTED BY THE ENGINEER.

9. EROSION CONTROL BMP'S ARE SHOWN AT SUGGESTED LOCATIONS. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER.

10. EROSION CONTROL BMP'S SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR UNTIL THE ENGINEER DETERMINES THAT THE BMP IS NO LONGER REQUIRED.

11. EROSION CONTROL FEATURES ARE TO BE PLACED IN SEQUENCE WITH CONSTRUCTION STAGING AND MAINTAINED THROUGH EACH STAGE OR AS DETERMINED BY THE ENGINEER.

12. WHEN TEMPORARY PAVEMENT MARKING REMOVABLE TAPE IS REQUIRED, IT SHALL BE CUT THROUGH ITS FULL WIDTH AND THICKNESS AT 25-FOOT INTERVALS TO CONTROL RAVELING.

13. MISCELLANEOUS REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALT DRIVEWAYS, SIDEWALKS, OR SIDE STREETS SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER.

14. A SAWED JOINT IS REQUIRED WHERE NEW HMA SURFACE MEETS EXISTING ASPHALTIC CONCRETE SURFACE.

16. REMOVING ASPHALTIC SURFACE MILLING INCLUDES MILLING EXISTING CONCRETE PATCHES TO THE DEPTHS SHOWN ON THE PLANS.

17. REMOVAL OF ANY EXISTING RAISED PAVEMENT MARKERS IN THE EXISTING PAVEMENT IS INCIDENTAL TO THE REMOVING ASPHALTIC PAVEMENT MILLING ITEM.

STANDARD ABBREVIATIONS

AEW	APRON END WALL
AGG	AGGREGATE
ASPH	ASPHALTIC
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
C&G	CURB AND GUTTER
C/L	CENTER OR CONSTRUCTION LINE
CMCP	CULVERT PIPE CORRUGATED METAL
CONC	CONCRETE
CP	CULVERT PIPE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
EB	EASTBOUND
FE	FIELD ENTRANCE
FL	FLOW LINE
HFST	HIGH FRICTION SURFACE TREATMENT
HMA	HOT MIX ASPHALT
INV	INVERT
L	LENGTH OF CURVE
LP	LOW POINT
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PGL	PROFILE GRADE LINE
PLE	PERMANENT LIMITED EASEMENT
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN REQUIRED
RO	RUN OFF LENGTH
RRSP	RAILROAD SPIKE
RT	RIGHT
SALV	SALVAGED
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWING
SE	SUPER ELEVATION
SF	SQUARE FOOT
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPT	POINT OF VERTICAL TANGENT
WB	WESTBOUND

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVAL PLAN
PLAN DETAILS
CURB RAMP DETAILS
PAVING GRADE
FTMS PLANS
CONTOUR MAP
EROSION CONTROL
STORM SEWER PLAN
SIGNING PLAN
LIGHTING PLAN
CUC PLAN
TRAFFIC SIGNAL PLAN
PAVEMENT MARKING PLAN
TRAFFIC CONTROL/STAGING
DETOUR PLAN
FENCING PLAN
ALIGNMENT PLAN

HMA PAVING

IH 43 – OVERLAY	THICKNESS	ASPHALT MIX	GRADATION
UPPER LAYER	1 ¾ – INCH	4 SMA 58-28 V	12.5 mm
LOWER LAYER	2 ¼ – INCH	3 HT 58-28 H	19.0 mm
IH 43 MEDIAN RECONSTRUCTION PERPETUAL PAVEMENT	**THICKNESS**	**ASPHALT MIX**	**GRADATION**
UPPER LAYER	2 – INCH	4 SMA 58-28 V	12.5 mm
LOWER-UPPER LAYER	4 – INCH	3 HT 58-28 H	19.0 mm
LOWER-MIDDLE LAYER	3 ½ – INCH	3 HT 58-28 H	19.0 mm
LOWER-LOWER LAYER	3 ½ – INCH	3 HT 58-28 H	19.0 mm
IH 43 MEDIAN & SHOULDER RECONSTRUCTION IH 43 ON/OFF RAMPS SHOULDER WIDENING	**THICKNESS**	**ASPHALT MIX**	**GRADATION**
UPPER LAYER	2 – INCH	4 SMA 58-28 V	12.5 mm
LOWER-UPPER LAYER	4 – INCH	3 HT 58-28 H	19.0 mm
LOWER-MIDDLE LAYER	2 ½ – INCH	3 HT 58-28 H	19.0 mm
LOWER-LOWER LAYER	2 ½ – INCH	3 HT 58-28 H	19.0 mm
IH 43 ON/OFF RAMPS OVERLAY (9-INCH EXISTING HMA)	**THICKNESS**	**ASPHALT MIX**	**GRADATION**
UPPER LAYER	1 ¾ – INCH	4 SMA 58-28 V	12.5 mm
LOWER LAYER	2 ¼ – INCH	3 HT 58-28 H	19.0 mm
IH 43 ON/OFF RAMPS OVERLAY (3-INCH EXISTING HMA)	**THICKNESS**	**ASPHALT MIX**	**GRADATION**
UPPER LAYER	1 ½ – INCH	5 HT 58-28 H	9.50 mm
LOWER LAYER	1 ½ – INCH	5 HT 58-28 H	9.50 mm

Addendum No. 01
ID 1228-22-70
Revised Sheet 2
March 7, 2023

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

GENERAL NOTES

1. CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS
2. MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.
3. CONDUIT HEIGHT ABOVE CONCRETE BASE SHALL BE 2-INCHES, PRIOR TO INSTALLING END BELL.
4. ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE PLUGGED IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN PLUGGED.
5. BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.
6. A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR ALL BASES .
7. THE GROUNDING ELECTRODE CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1-INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4-FOOT COIL OF WIRE IN THE JUNCTION BOXES. THE GROUNDING ELECTRODE CONDUCTOR SHALL BE CONTINUOUS AND NEATLY COILED AND THE COIL TIED TOGETHER.
8. ANCHOR BOLTS SHALL BE THREADED 5-INCHES IN LENGTH ON THE END OF THE BOLT UNLESS OTHERWISE NOTED. ANCHOR BOLTS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2 OF THE STANDARD SPECIFICATIONS CONFORMING TO ASTM F1554 (GRADE 105).
9. WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR BOLTS.
10. VERIFY COMPATIBILITY OF ANCHOR BOLT SIZE AND PATTERN PRIOR TO FORMING THE CONCRETE BASE.
11. ANCHOR BOLTS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL PER SECTION 5.17.5.3 AASHTO 2013 6TH EDITION STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS.
12. GALVANIZED STEEL MESH WITH ¾" STAINLESS STEEL BANDING USED FOR RODENT SCREEN REQUIRED FOR ALL POLES. MESH AND BANDING SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM.
13. WELDING OF THE ANCHOR BOLTS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.
14. BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION). BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
15. THE DIMENSIONS OF THE CONCRETE BASES WILL VARY FROM WHAT IS SHOWN ON THIS DETAIL DEPENDING ON THE VERTICAL AND HORIZONTAL SEPARATION BETWEEN THE NORTHBOUND AND SOUTHBOUND TRAVEL LANES. THIS DETAIL PROVIDES TYPICAL DIMENSIONS FOR THE MAJORITY OF BASES. REINFORCEMENT WILL VARY IN TRANSITION SECTIONS. MAKE FIELD ADJUSTMENTS AS REQUIRED.
16. ADDITIONAL QUANTITIES AND STAKING REQUIRED IN TRANSITION SECTIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONCRETE BASE MEDIAN BARRIER BID ITEM.
17. THE CONCRETE SURFACE SHALL MATCH THE PROPOSED MEDIAN BARRIER WALL FINISH.
18. ALL STEEL CONDUIT SHALL BE GROUNDED. FURNISH AND INSTALL GROUNDING BUSHING WITH LAY-IN TYPE GROUND LUG AND COPPER GROUNDING JUMPER.

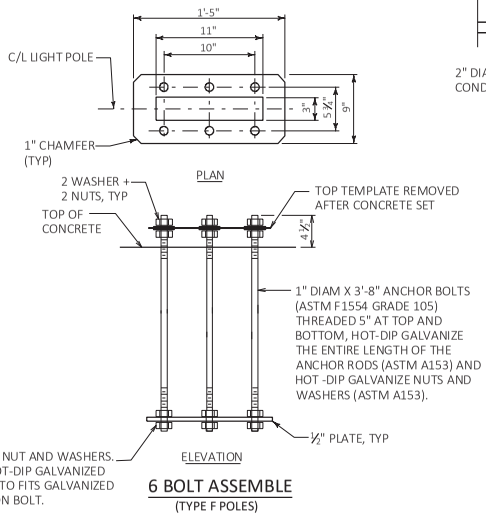
FOUNDATION DATA

MINIMUM ASSUMED ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF

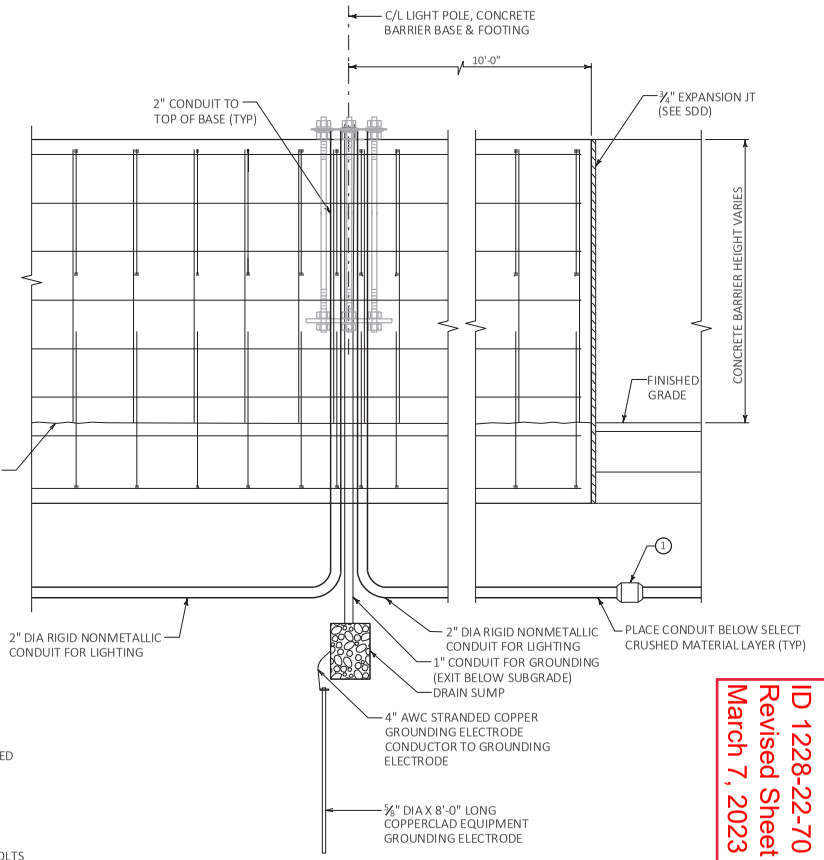
CONCRETE BASES TYPE F STATION

STATION	Δ (in)
803+90	-9 1/4
806+07	-5 1/6
808+66	-2 2/7
811+26	5 1/2
813+84	1/4
816+44	5/7
818+32	2 2/3
820+61	3 5/6
822+58	2 3/4
825+14	5/6
827+51	5/7
829+77	2 2/3
831+67	-1/8
834+59	1/8
837+02	1/8
839+61	1/8
842+21	1 1/5
844+76	5/7
848+05	- 1/4
849+81	1
852+50	3/5
855+21	1/4
857+65	1

STATION	Δ (in)
860+18	- 1/2
862+57	1 5/9
865+05	1 2/3
867+65	1/2
870+28	- 1/3
874+23	1/4
876+88	- 3/5
879+54	1/2
882+03	- 1/2
884+67	-1
887+30	-5 1/6
889+97	-14 2/7
892+64	-2 2/7
895+22	-21 1/8
898+73	7 5/9
902+80	3/5
905+50	1/4
908+25	1/4
910+55	-1/2
912+45	-4
914+87	-10 4/5
917+19	-6 1/4
921+34	1/8
924+02	1/4



6 BOLT ASSEMBLE
(TYPE F POLES)



PARTIAL ELEVATION

FOR REINFORCING CALLOUTS & SPACING, SEE PLAN VIEW & SECTION CUTS

Addendum No. 01
ID 1228-22-70
Revised Sheet 40
March 7, 2023

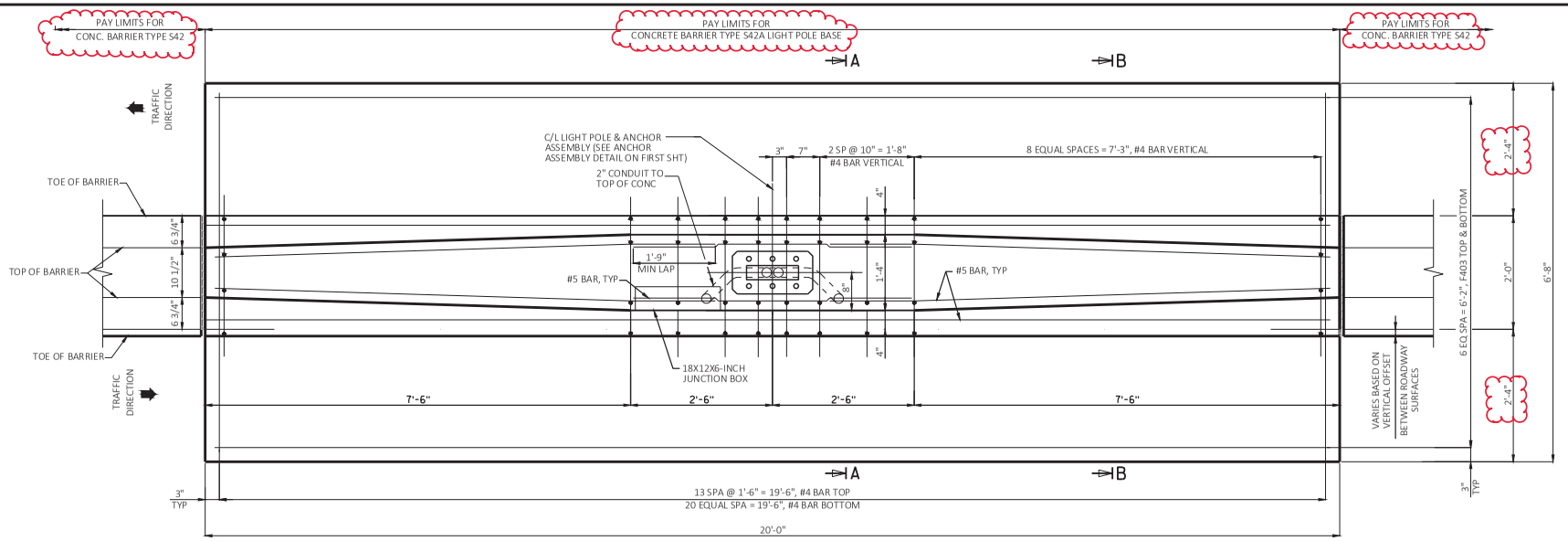
LEGEND

① NONMETALLIC EXPANSION FITTING 2". WRAP FITTING AND CONDUIT 9" ON BOTH SIDES OF EXPANSION JOINT. TWO WRAPS OF 1/2" SPONGE RUBBER WRAP, AASHTO M153, TYPE I OR EQUIVALENT. SECURE WITH PLASTIC TIE WRAPS. SET FITTING AT MIDPOINT OF ITS TRAVEL. FITTINGS AND WRAPS ARE INCIDENTAL TO CONDUIT. TWO EXPANSION FITTING PER BASE REQUIRED.

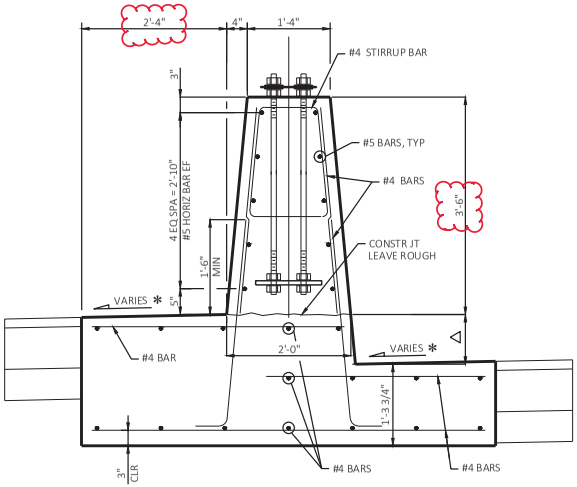
△ VERTICAL OFFSET BETWEEN ROADWAY SURFACES, SEE LIGHT POLE BASE SECTION CUTS FOR LOCATION. IF OFFSET IS NEGATIVE, SECTION CUTS SHOULD BE MIRRORED TO GET CORRECT ORIENTATION OF ROADWAY SURFACES.

ANCHOR ASSEMBLY LIGHT POLE STRUCTURES

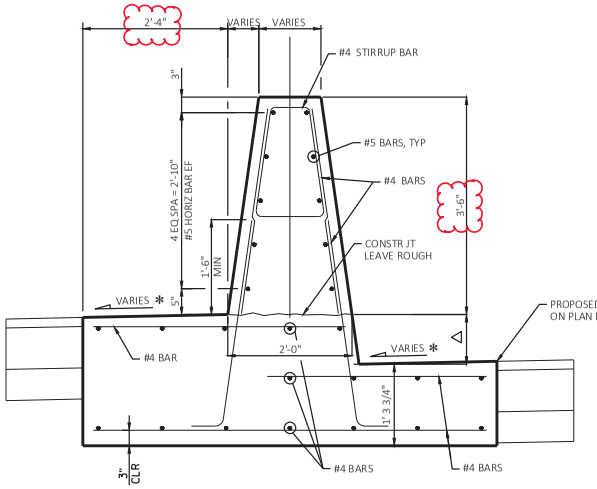
CONCRETE BASE TYPE F FOR CONCRETE BARRIER TYPE S42A, V42 & V42 SPECIAL ①



CONCRETE BASE PLAN



SECTION A-A



SECTION B-B

LEGEND

△ VERTICAL OFFSET BETWEEN ROADWAY SURFACES, SEE LIGHT BASE STATION TABLE ON THE FIRST SHEET

✻ MATCH ROADWAY SUPERELEVATION

Addendum No. 01
ID 1228-22-70
Revised Sheet 41
March 7, 2023

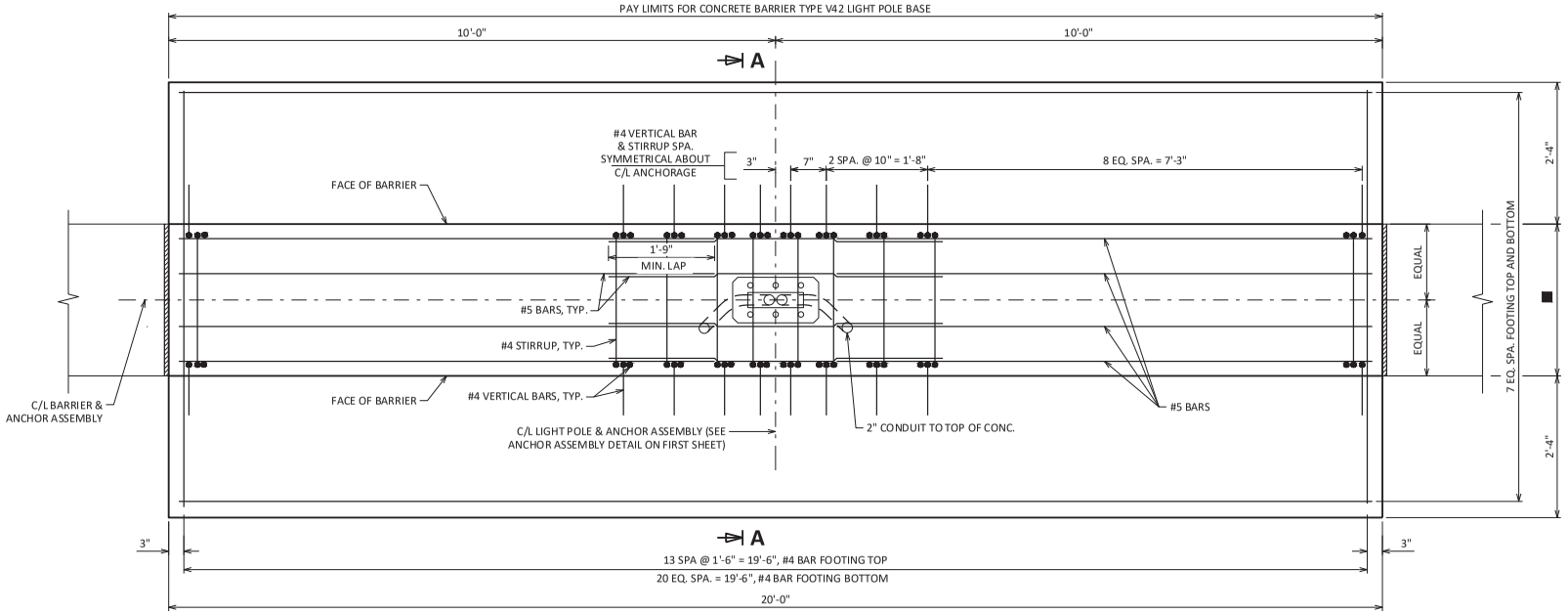
CONCRETE BARRIER TYPE S42A LIGHT POLE BASE

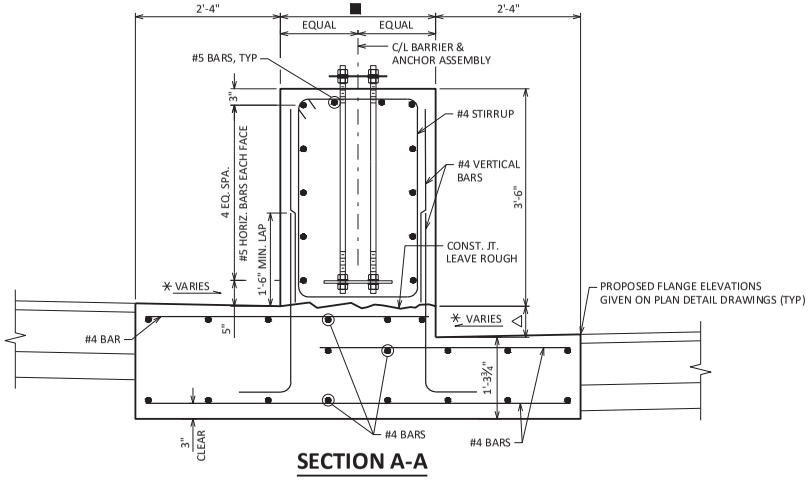
PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 41	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021007_CD.DWG
LAYOUT NAME - 01

PLOT DATE : 2/11/2023 4:27 PM PLOT BY : JOHANSEN, AMANDA A PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42





SECTION A-A

LEGEND

△ VERTICAL OFFSET BETWEEN ROADWAY SURFACE, SEE LIGHT BASE STATION TABLE ON THE FIRST SHEET

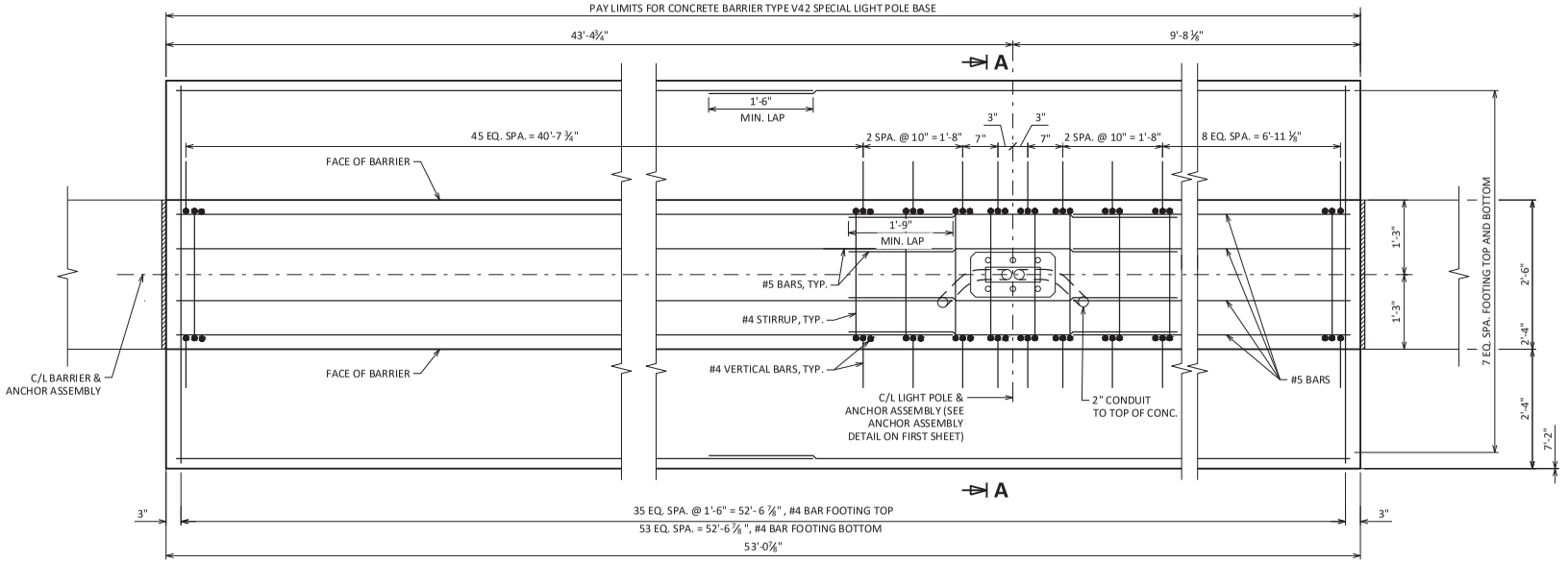
✳ MATCH ROADWAY SLOPE

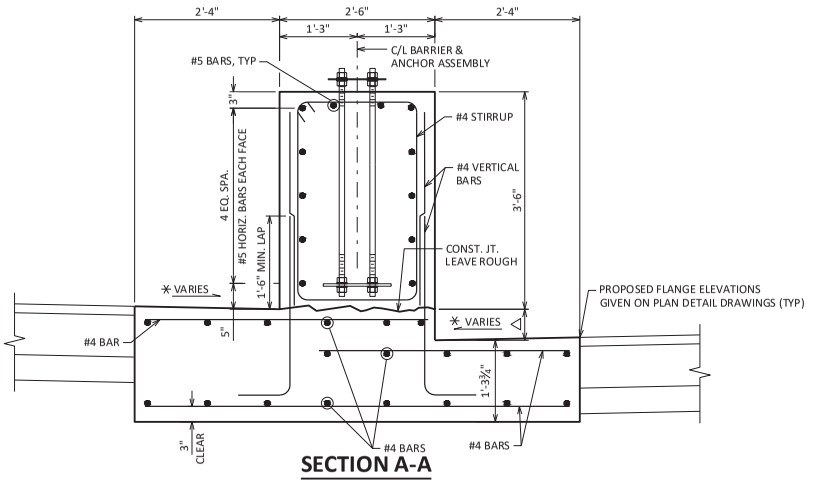
■ MATCH WIDTH OF ADJACENT VERTICAL FACE MEDIAN BARRIER (2'-6", 3'-0", 3'-6") SEE PLAN DETAILS SHEET

Addendum No. 01
ID 1228-22-70
Added Sheet 41A
March 7, 2023

CONCRETE BARRIER TYPE V42 LIGHT POLE BASE

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 41A	E





SECTION A-A

LEGEND

△ VERTICAL OFFSET BETWEEN ROADWAY SURFACE, SEE LIGHT BASE STATION TABLE ON THE FIRST SHEET

✳ MATCH ROADWAY SLOPE

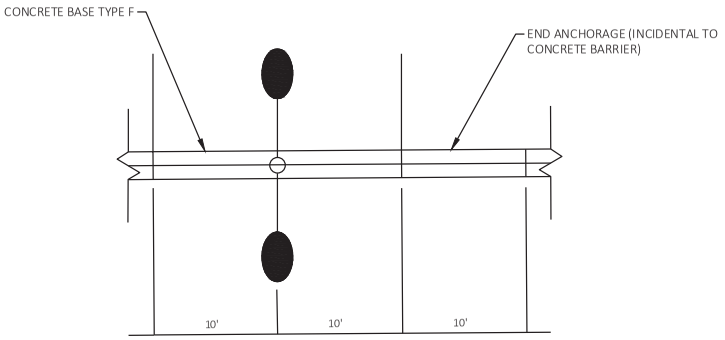
CONCRETE BARRIER TYPE V42 SPECIAL LIGHT POLE BASE

Addendum No. 01
ID 1228-22-70
Added Sheet 41B
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 41B	E

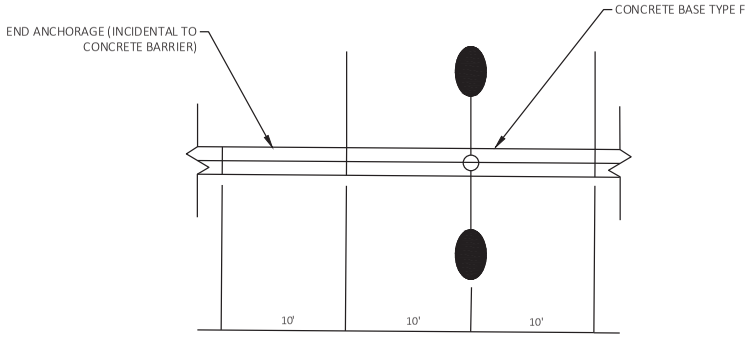
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\VERTICAL FACE LIGHT BASE.DWG PLOT DATE : ---- PLOT BY : ROZMENOSKI, WYATT PLOT NAME :

WISDOT/CADDS SHEET 42



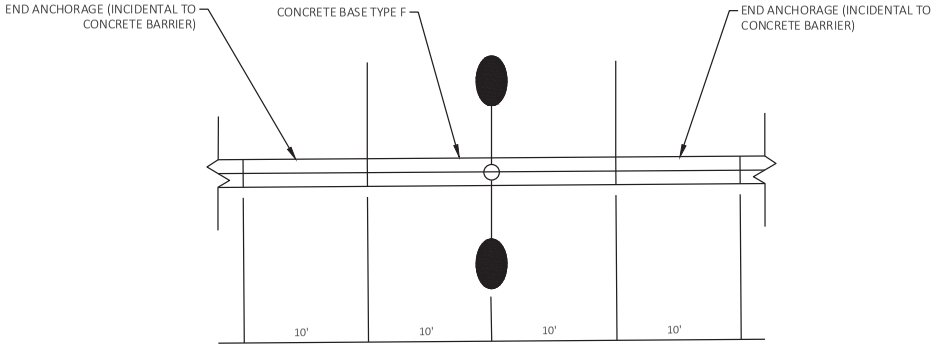
CONCRETE BASE TYPE F LIGHT POLE

STA 803+90, 0.0', STA 882+03, 0.0'



CONCRETE BASE TYPE F LIGHT POLE

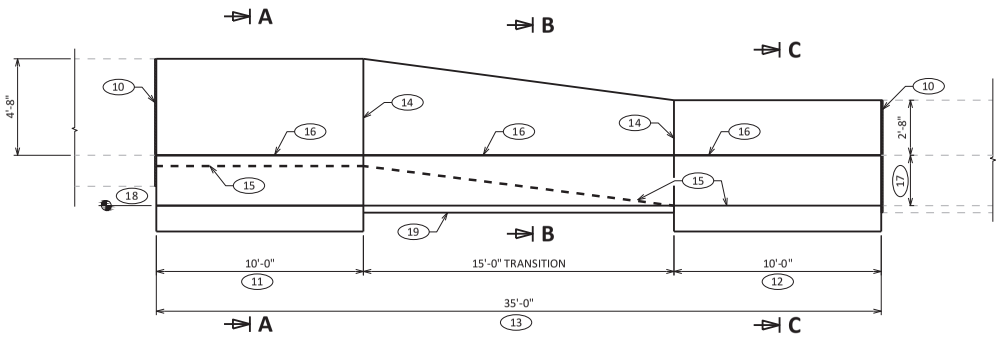
STA 914+87, 0.0'



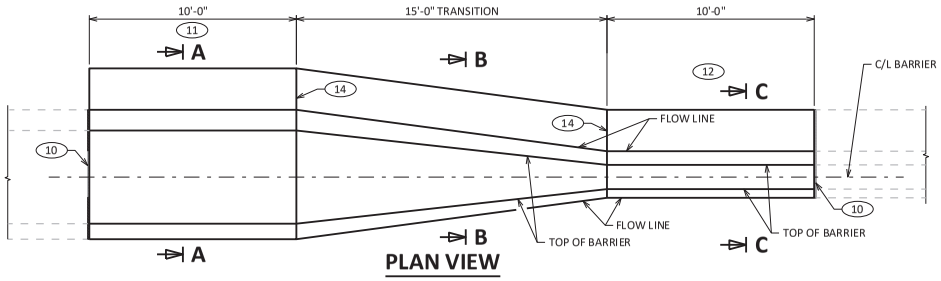
CONCRETE BASE TYPE F LIGHT POLE

STA 803+90, 0.0'
STA 806+07, 0.0'
STA 808+66, 0.0'
STA 811+26, 0.0'
STA 813+84, 0.0'
STA 816+44, 4.3' RT
STA 818+32, 1.8' RT
STA 820+61, 0.0'
STA 822+58, 0.0'
STA 825+14, 0.0'
STA 827+51, 0.0' 1
STA 829+77, 0.0'
STA 831+61, 0.0' 1
STA 834+59, 0.0'
STA 837+02, 0.0'
STA 839+61, 0.0'
STA 842+21, 0.0'
STA 844+76, 0.0' 1
STA 848+05, 0.0' LT
STA 849+81, 0.0'
STA 852+50, 0.0'
STA 855+21, 0.0'
STA 857+65, 0.0'
STA 860+18, 0.0' RT
STA 862+57, 0.0'
STA 865+05, 0.0'
STA 867+65, 0.0'
STA 870+28, 0.0'
STA 874+23, 0.0'
STA 876+88, 0.0'
STA 879+54, 0.0'
STA 882+03, 0.0'
STA 884+67, 0.0'
STA 887+30, 0.0'
STA 889+97, 0.0'
STA 892+64, 0.0'
STA 895+22, 0.0'
STA 898+73, 1.4' RT
STA 902+80, 0.0' LT
STA 905+50, 0.0' RT
STA 908+25, 0.0'
STA 910+55, 0.0'
STA 912+45, 0.0' 1
STA 914+87, 0.0'
STA 917+31, 0.0'
STA 921+34, 0.0' LT
STA 924+02, 0.0'

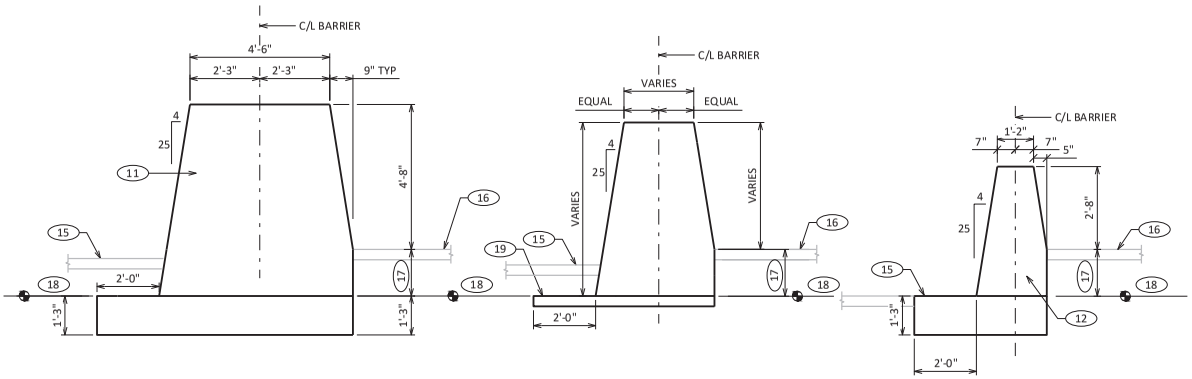
Addendum No. 01
ID 1228-22-70
Revised Sheet 42
March 7, 2023



ELEVATION VIEW



PLAN VIEW



SECTION A-A SECTION B-B SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR S56

(12) END ANCHOR S32A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE S56 TO S32A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

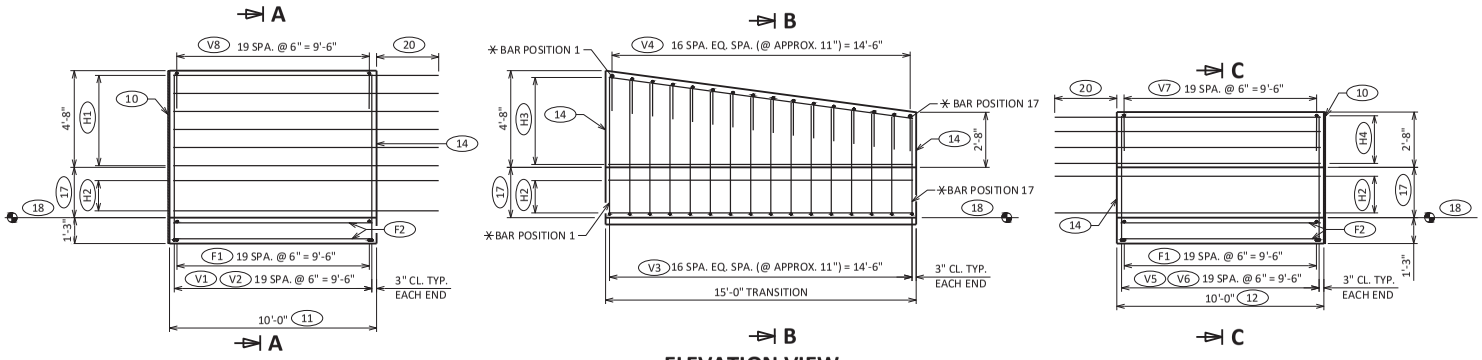
◪ DETAILS SHOWN FOR S56 TO S32A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S32 TO S56A DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42A
March 7, 2023

◪ CONCRETE BARRIER TRANSITION TYPE S56 TO S32A (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42A	E

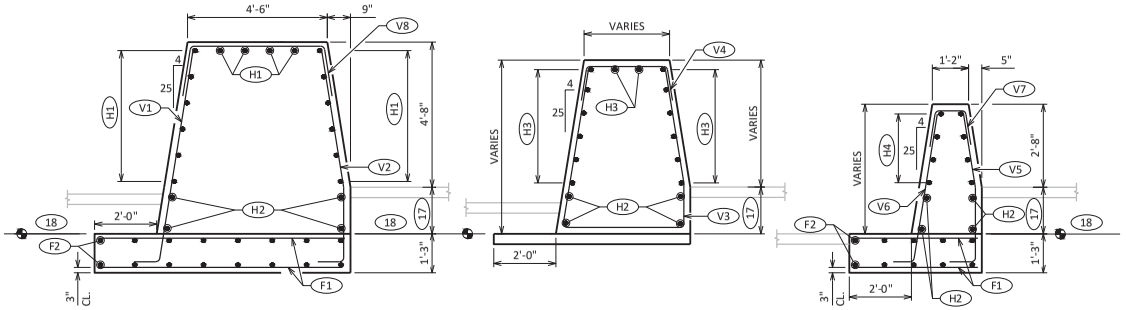
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_S56_TO_S32A.DWG
LAYOUT NAME - S56 TO S32A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00



ELEVATION VIEW

TABLE "B"

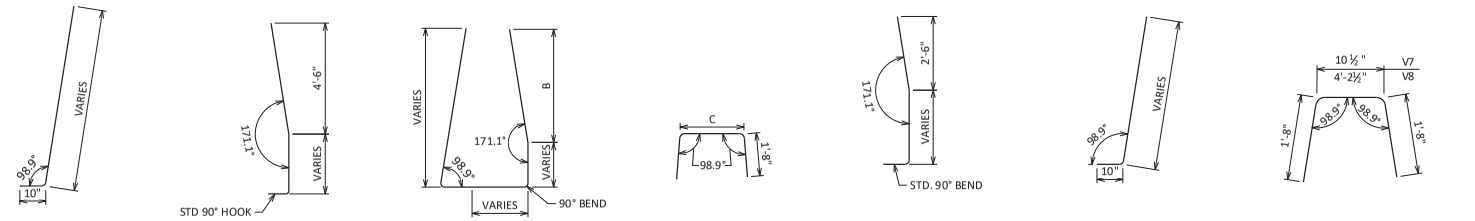
✳BAR POSITION	DIMENSION B	DIMENSION C
1	4'-5 5/8"	4'-1 3/8"
2	4'-4 1/8"	3'-10 7/8"
3	4'-2 3/4"	3'-8 1/2"
4	4'-1 1/4"	3'-6 1/8"
5	3'-11 7/8"	3'-3 5/8"
6	3'-10 3/8"	3'-1 1/4"
7	3'-8 7/8"	2'-10 7/8"
8	3'-7 1/2"	2'-8 3/8"
9	3'-6"	2'-6"
10	3'-4 5/8"	2'-3 5/8"
11	3'-3 1/8"	2'-1 1/8"
12	3'-1 5/8"	1'-10 3/4"
13	3'-0 1/4"	1'-8 3/8"
14	2'-10 3/4"	1'-5 7/8"
15	2'-9 3/8"	1'-3 1/2"
16	2'-7 7/8"	1'-1 1/8"
17	2'-6 3/8"	0'-10 5/8"



SECTION A-A

SECTION B-B

SECTION C-C



V1 BEND DETAIL

V2 BEND DETAIL

V3 BEND DETAIL

V4 BEND DETAIL

V5 BEND DETAIL

V6 BEND DETAIL

V7 & V8 BEND DETAIL

GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR S56

(12) END ANCHOR S32A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. FOURTEEN (14) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. EIGHT (8) BARS REQ'D

(V1) VERTICAL NO. 5 BARS(SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

(V8) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 & V2 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

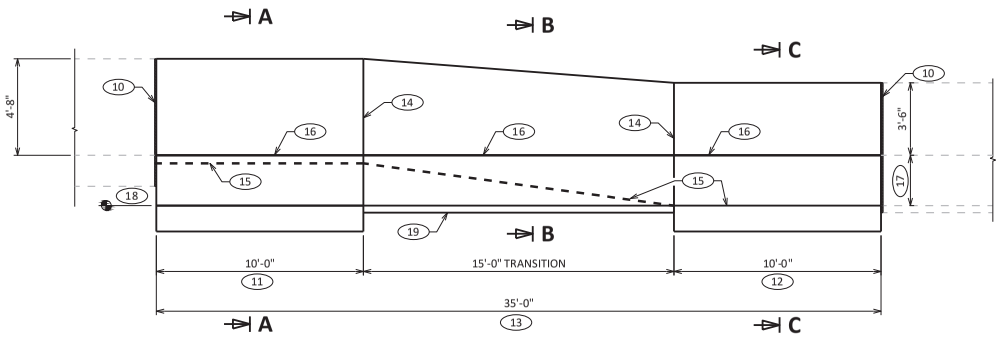
(F2) FOOTING LONGITUDINAL NO. 5 BARS

TABLE "A" (17)

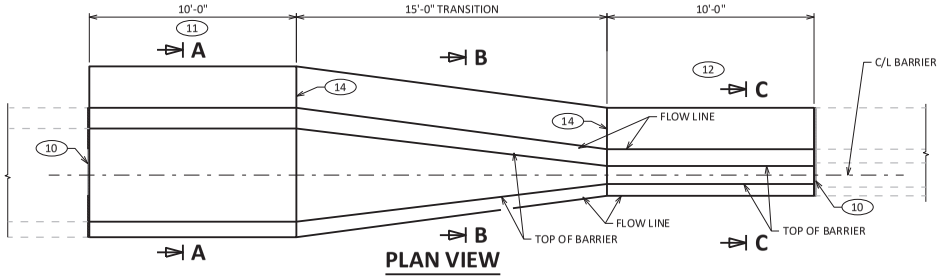
HEIGHT BETWEEN ROADWAYS	QUANTITY OF (H2) NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

Addendum No. 01
ID 1228-22-70
Added Sheet 42B
March 7, 2023

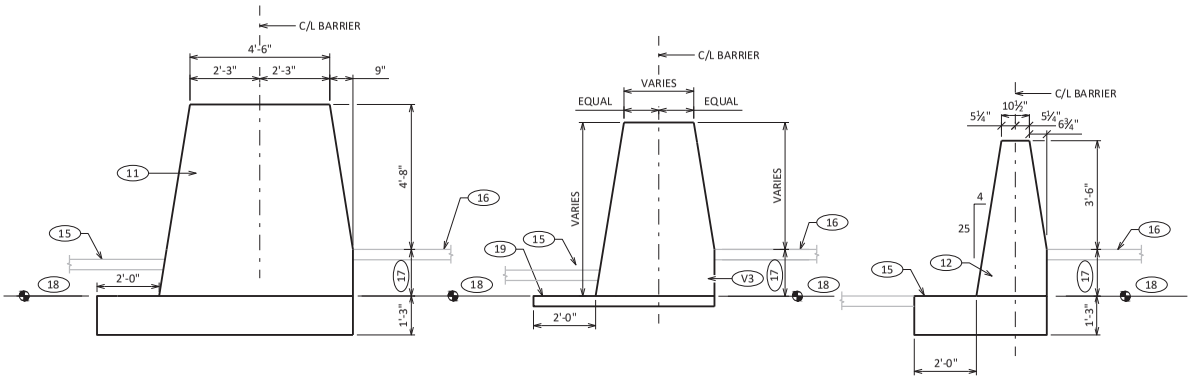
CONCRETE BARRIER TRANSITION TYPE S56 TO S32A (SHEET 2 OF 2)



ELEVATION VIEW



PLAN VIEW



SECTION A-A SECTION B-B SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR S56

(12) END ANCHOR S42A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE S56 TO S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

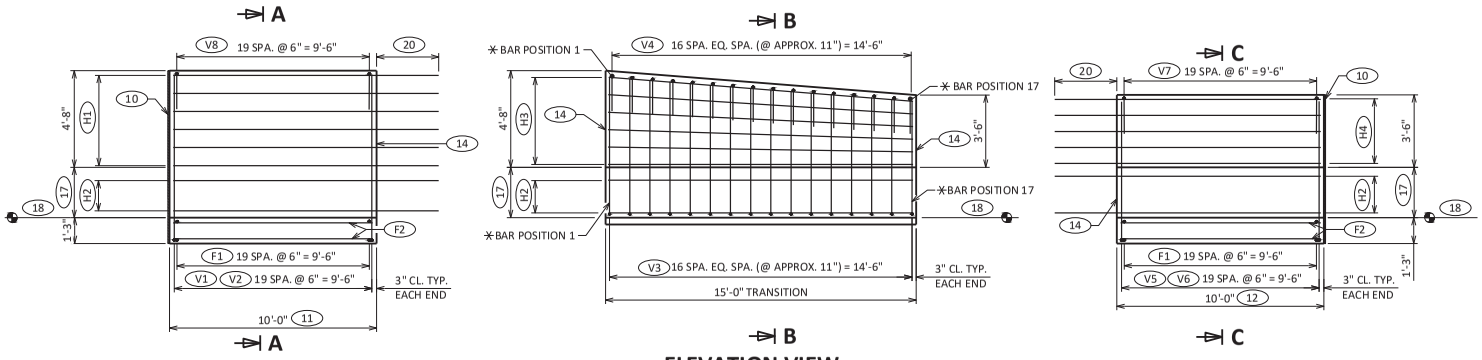
◪ DETAILS SHOWN FOR S56 TO S42A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S42 TO S56A DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42C
March 7, 2023

◪ CONCRETE BARRIER TRANSITION TYPE S56 TO S42A (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42C	E

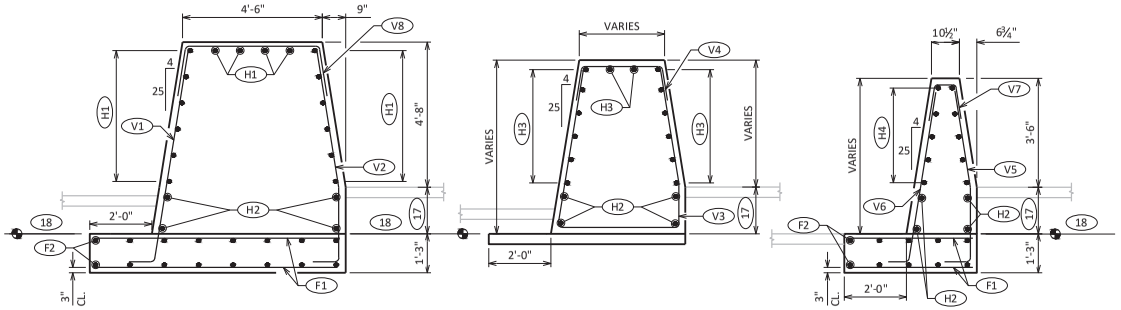
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_S56_TO_S42A.DWG
LAYOUT NAME - S56 TO S42A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW

TABLE "B"

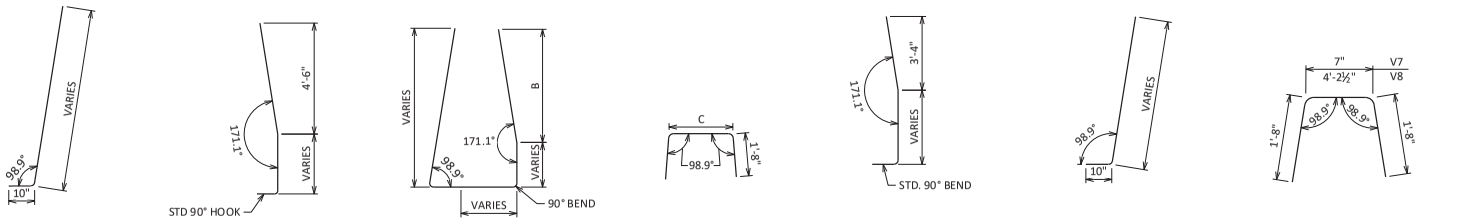
BAR POSITION	DIMENSION B	DIMENSION C
1	4'-5 3/4"	4'-1 1/4"
2	4'-4 7/8"	3'-10 5/8"
3	4'-4 1/8"	3'-8"
4	4'-3 1/4"	3'-5 3/8"
5	4'-2 3/8"	3'-2 3/4"
6	4'-1 1/2"	3'-0 1/8"
7	4'-0 3/4"	2'-9 1/2"
8	3'-11 7/8"	2'-6 7/8"
9	3'-11"	2'-4 1/4"
10	3'-10 1/8"	2'-1 5/8"
11	3'-9 3/8"	1'-11"
12	3'-8 1/2"	1'-8 3/8"
13	3'-7 5/8"	1'-5 3/4"
14	3'-6 3/4"	1'-3 1/8"
15	3'-6"	1'-0 1/2"
16	3'-5 1/8"	0'-9 7/8"
17	3'-4 1/4"	0'-7 1/4"



SECTION A-A

SECTION B-B

SECTION C-C



V1 BEND DETAIL

V2 BEND DETAIL

V3 BEND DETAIL

V4 BEND DETAIL

V5 BEND DETAIL

V6 BEND DETAIL

V7 & V8 BEND DETAIL

GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR S56

(12) END ANCHOR S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. FOURTEEN (14) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. TEN (10) BARS REQ'D

(V1) VERTICAL NO. 5 BARS(SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

(V8) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 & V2 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS

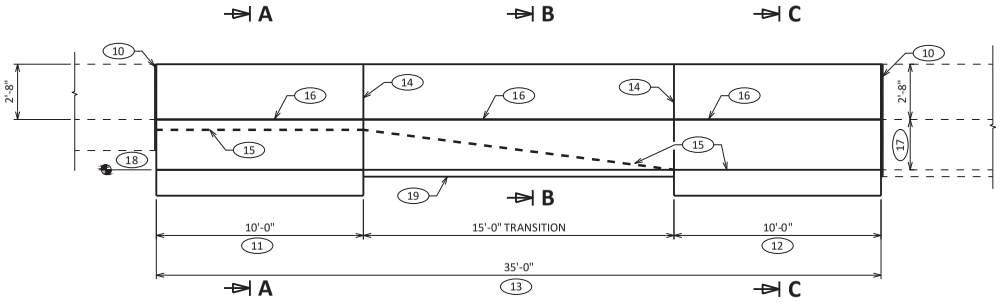
TABLE "A" (17)

HEIGHT BETWEEN ROADWAYS	(H2) QUANTITY OF NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

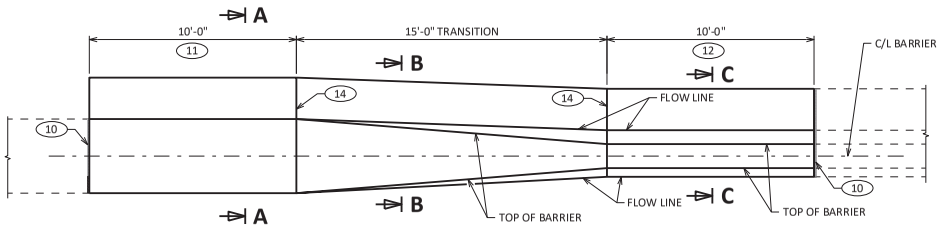
Addendum No. 01
ID 1228-22-70
Added Sheet 42D
March 7, 2023

CONCRETE BARRIER TRANSITION TYPE S56 TO S42A (SHEET 2 OF 2)

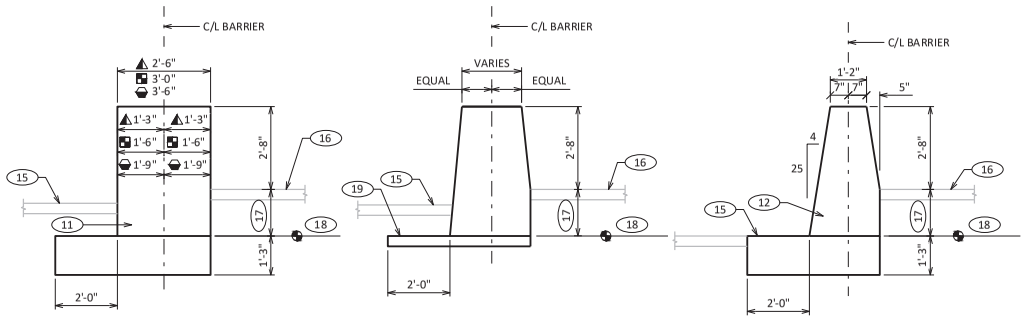
PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42D	E



ELEVATION VIEW



PLAN VIEW



SECTION A-A

SEE PLAN DETAILS SHEET FOR LOCATIONS OF 2'-6", 3'-0" & 3'-6" BARRIER

SECTION B-B

SECTION C-C

CONCRETE BARRIER TRANSITION TYPE V32 TO S32A (SHEET 1 OF 2)

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V32

(12) END ANCHOR S32A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V32 TO S32A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ⅓ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

▲ DIMENSION IS APPLICABLE TO 2'-6" WIDE V32 BARRIER

▪ DIMENSION IS APPLICABLE TO 3'-0" WIDE V32 BARRIER

◒ DIMENSION IS APPLICABLE TO 3'-6" WIDE V32 BARRIER

◪ DETAILS SHOWN FOR V32 TO S32A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S32 TO V32 DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

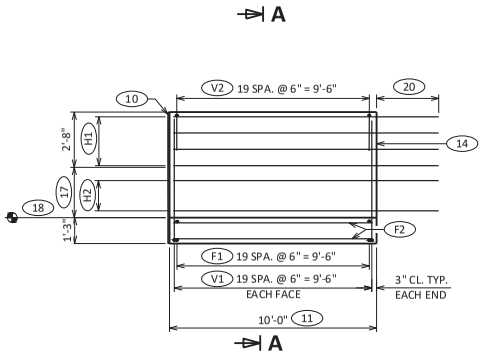
Addendum No. 01
ID 1228-22-70
Added Sheet 42E
March 7, 2023

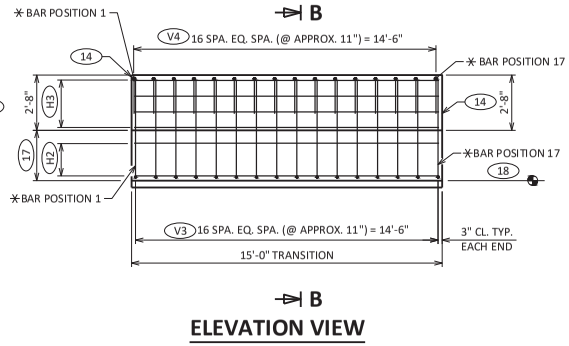
PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42E	E

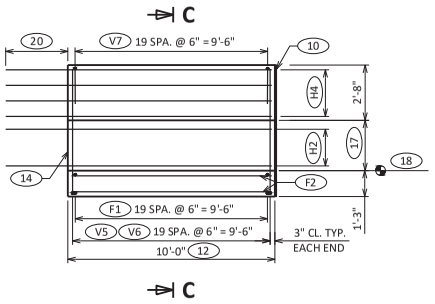
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V32_TO_S32A.DWG
LAYOUT NAME - V32 TO S32A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00

Addendum No. 01
ID 1228-22-70
Added Sheet 42F
March 7, 2023

2



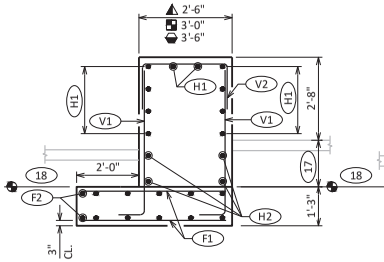




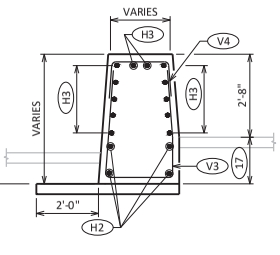
ELEVATION VIEW

TABLE "B"

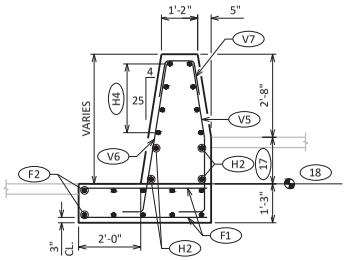
✳BAR POSITION	DIMENSION A ▲	A ■	A ◒	C ▲	C ■	C ◒	ANGLE E	F	G
1	2'-2"	2'-8"	3'-2"	2'-1 3/4"	2'-7 5/8"	3'-1 1/2"	89.8°	179.8°	90.2°
2	2'-2"	2'-8"	3'-2"	2'-0 3/4"	2'-6 3/8"	2'-11 7/8"	89.3°	179.3°	90.7°
3	2'-2"	2'-8"	3'-2"	1'-11 7/8"	2'-5"	2'-10 1/8"	88.8°	178.8°	91.2°
4	2'-2"	2'-8"	3'-2"	1'-10 7/8"	2'-3 5/8"	2'-8 1/2"	88.2°	178.2°	91.8°
5	2'-2"	2'-8"	3'-2"	1'-9 7/8"	2'-2 3/8"	2'-6 3/4"	87.7°	177.7°	92.3°
6	2'-2"	2'-8"	3'-2"	1'-8 7/8"	2'-1"	2'-5 1/8"	87.1°	177.1°	92.9°
7	2'-2"	2'-8"	3'-2"	1'-8"	1'-11 5/8"	2'-3 3/8"	86.6°	176.6°	93.4°
8	2'-2"	2'-8"	3'-2"	1'-7"	1'-10 3/8"	2'-1 3/4"	86.1°	176.1°	93.9°
9	2'-2"	2'-8"	3'-2"	1'-6"	1'-9"	2'-0"	85.5°	175.5°	94.5°
10	2'-2"	2'-8"	3'-2"	1'-5"	1'-7 5/8"	1'-10 3/8"	85.0°	175.0°	95.0°
11	2'-2"	2'-8"	3'-2"	1'-4 1/8"	1'-6 3/8"	1'-8 5/8"	84.5°	174.5°	95.5°
12	2'-2"	2'-8"	3'-2"	1'-3 1/8"	1'-5"	1'-7"	83.9°	173.9°	96.1°
13	2'-2"	2'-8"	3'-2"	1'-2 1/8"	1'-3 3/4"	1'-5 1/4"	83.4°	173.4°	96.6°
14	2'-2"	2'-8"	3'-2"	1'-1 1/8"	1'-2 3/8"	1'-3 1/2"	82.9°	172.9°	97.1°
15	2'-2"	2'-8"	3'-2"	1'-0 1/4"	1'-1"	1'-1 7/8"	82.3°	172.3°	97.7°
16	2'-2"	2'-8"	3'-2"	0'-11 1/4"	0'-11 3/4"	1'-0 1/8"	81.8°	171.8°	98.2°
17	2'-2"	2'-8"	3'-2"	0'-10 1/4"	0'-10 3/8"	0'-10 1/2"	81.3°	171.3°	98.7°



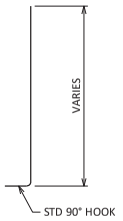
SECTION A-A



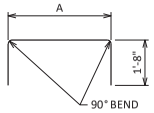
SECTION B-B



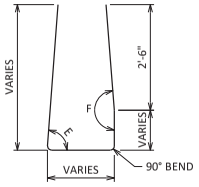
SECTION C-C



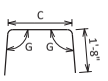
V1 BEND DETAIL



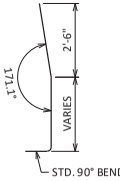
V2 BEND DETAIL



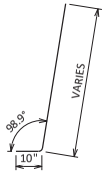
V3 BEND DETAIL



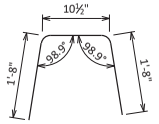
V4 BEND DETAIL



V5 BEND DETAIL



V6 BEND DETAIL



V7 BEND DETAIL

GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V32

(12) END ANCHOR S32A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. TEN (10) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. TWELVE (12) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. EIGHT (8) BARS REQ'D

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS

▲ DIMENSION IS APPLICABLE TO 2'-6" WIDE V32 BARRIER

■ DIMENSION IS APPLICABLE TO 3'-0" WIDE V32 BARRIER

◒ DIMENSION IS APPLICABLE TO 3'-6" WIDE V32 BARRIER

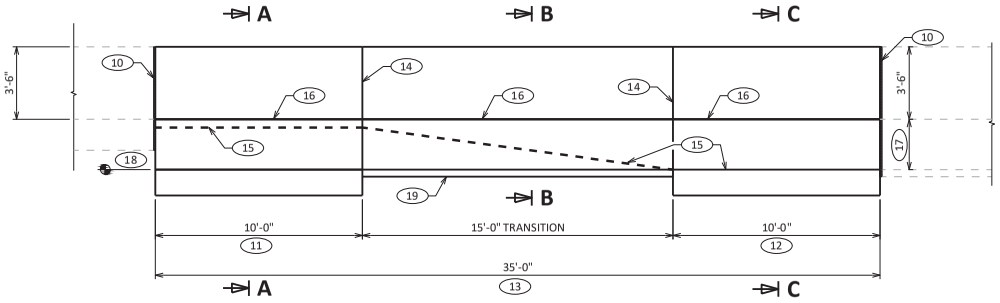
TABLE "A" (17)

HEIGHT BETWEEN ROADWAYS	(H2) QUANTITY OF NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

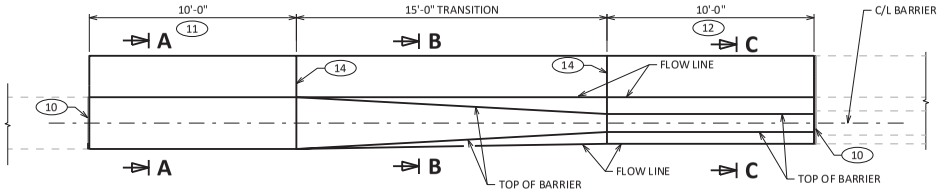
CONCRETE BARRIER TRANSITION TYPE V32 TO S32A (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42F	E

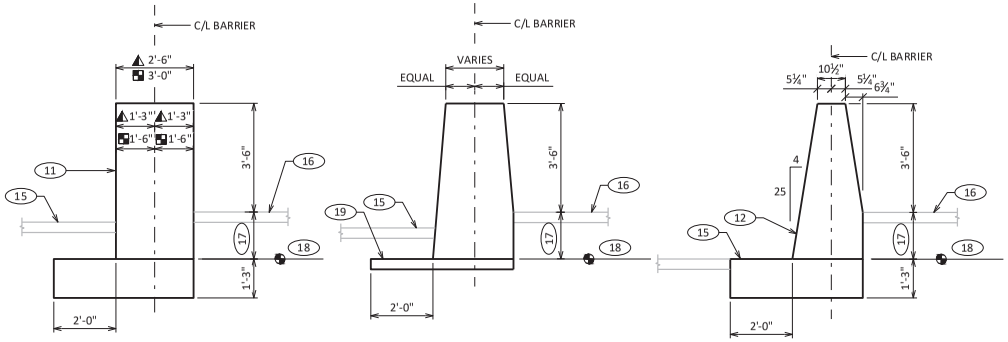
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V32_TO_S32A.DWG
LAYOUT NAME - V32 TO S32A SHT 2
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW



PLAN VIEW



SECTION A-A

SEE PLAN DETAILS SHEET FOR LOCATIONS OF 2'-6" & 3'-0" BARRIER WIDTHS

SECTION B-B

SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V42

(12) END ANCHOR S42A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V42 TO S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ⅓ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

▲ DIMENSION IS APPLICABLE TO 2'-6" WIDE V42 BARRIER

▪ DIMENSION IS APPLICABLE TO 3'-0" WIDE V42 BARRIER

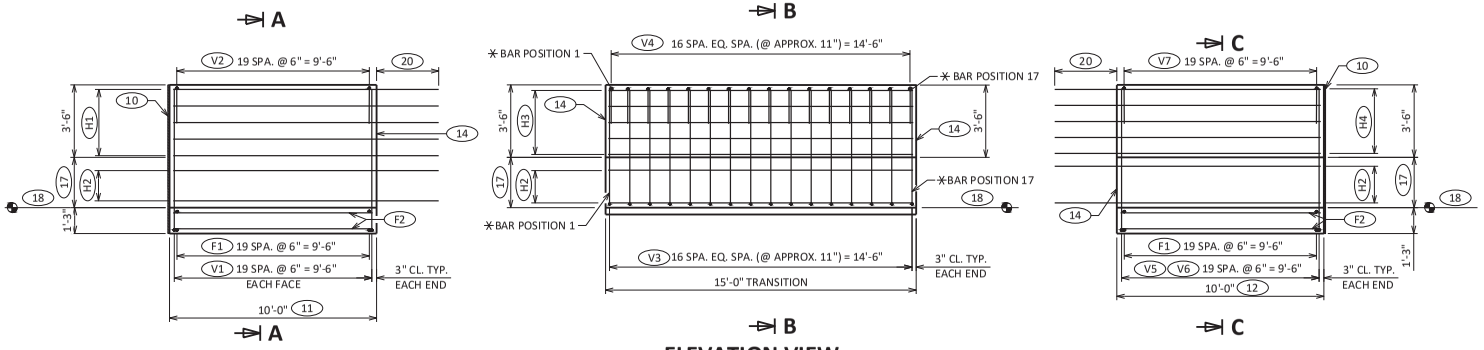
◪ DETAILS SHOWN FOR V42 TO S42A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S42 TO V42 DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42G
March 7, 2023

◪ CONCRETE BARRIER TRANSITION TYPE V42 TO S42A (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42G	E

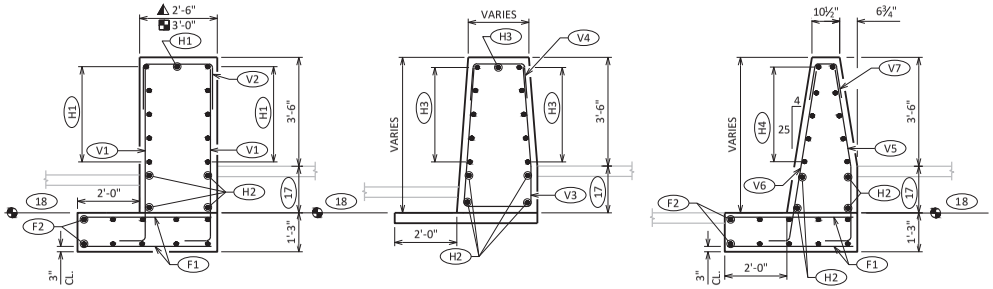
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V42_TO_S42A.DWG
LAYOUT NAME - V42 TO S42A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00

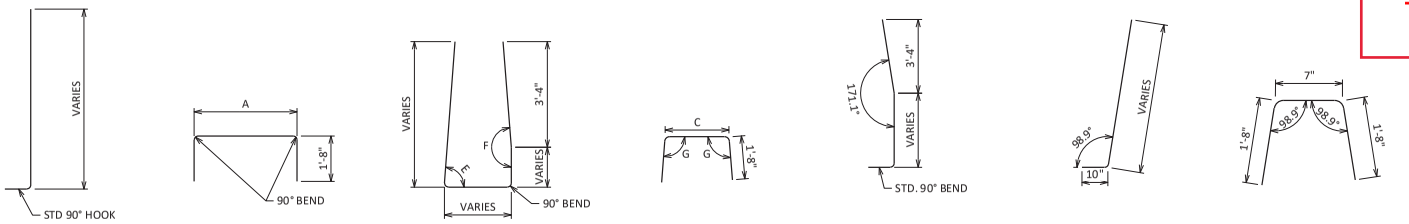


ELEVATION VIEW

TABLE "B"

✳ BAR POSITION	DIMENSION A ◭	DIMENSION A ◪	DIMENSION C ◭	DIMENSION C ◪	ANGLE E	ANGLE F	ANGLE G
1	2'-2"	2'-8"	2'-1 3/4"	2'-7 5/8"	89.8°	179.8°	90.2°
2	2'-2"	2'-8"	2'-0 1/2"	2'-6"	89.3°	179.3°	90.7°
3	2'-2"	2'-8"	1'-11 3/8"	2'-4 1/2"	88.7°	178.7°	91.3°
4	2'-2"	2'-8"	1'-10 1/8"	2'-3"	88.2°	178.2°	91.8°
5	2'-2"	2'-8"	1'-9"	2'-1 3/8"	87.6°	177.6°	92.4°
6	2'-2"	2'-8"	1'-7 3/4"	1'-11 7/8"	87.1°	177.1°	92.9°
7	2'-2"	2'-8"	1'-6 5/8"	1'-10 3/8"	86.5°	176.5°	93.5°
8	2'-2"	2'-8"	1'-5 1/2"	1'-8 3/4"	85.9°	175.9°	94.0°
9	2'-2"	2'-8"	1'-4 1/4"	1'-7 1/4"	85.4°	175.4°	94.6°
10	2'-2"	2'-8"	1'-3 1/8"	1'-5 3/4"	84.9°	174.9°	95.1°
11	2'-2"	2'-8"	1'-1 7/8"	1'-4 1/8"	84.3°	174.3°	95.7°
12	2'-2"	2'-8"	1'-0 3/4"	1'-2 5/8"	83.8°	173.8°	96.2°
13	2'-2"	2'-8"	0'-11 1/2"	1'-1 1/8"	83.2°	173.2°	96.8°
14	2'-2"	2'-8"	0'-10 3/8"	0'-11 5/8"	82.7°	172.7°	97.3°
15	2'-2"	2'-8"	0'-9 1/4"	0'-10"	82.1°	172.1°	97.9°
16	2'-2"	2'-8"	0'-8"	0'-8 1/2"	81.6°	171.6°	98.4°
17	2'-2"	2'-8"	0'-7"	0'-7"	81.0°	171.1°	99.0°





GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V42

(12) END ANCHOR S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. ELEVEN (11) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. ELEVEN (11) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. TEN (10) BARS REQ'D

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS

◭ DIMENSION IS APPLICABLE TO 2'-6" WIDE V42 BARRIER

◪ DIMENSION IS APPLICABLE TO 3'-0" WIDE V42 BARRIER

Addendum No. 01
ID 1228-22-70
Added Sheet 42H
March 7, 2023

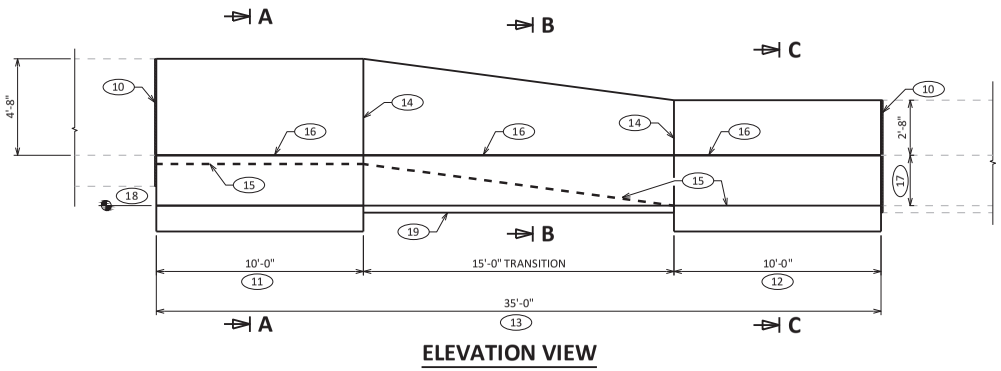
TABLE "A" (17)

HEIGHT BETWEEN ROADWAYS	QUANTITY OF (H2) NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

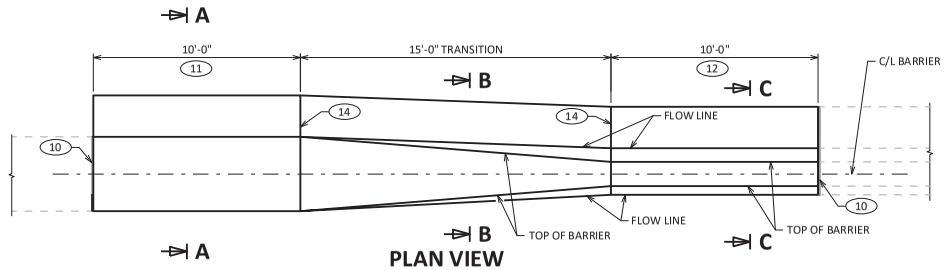
CONCRETE BARRIER TRANSITION TYPE V42 TO S42A (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42H	E

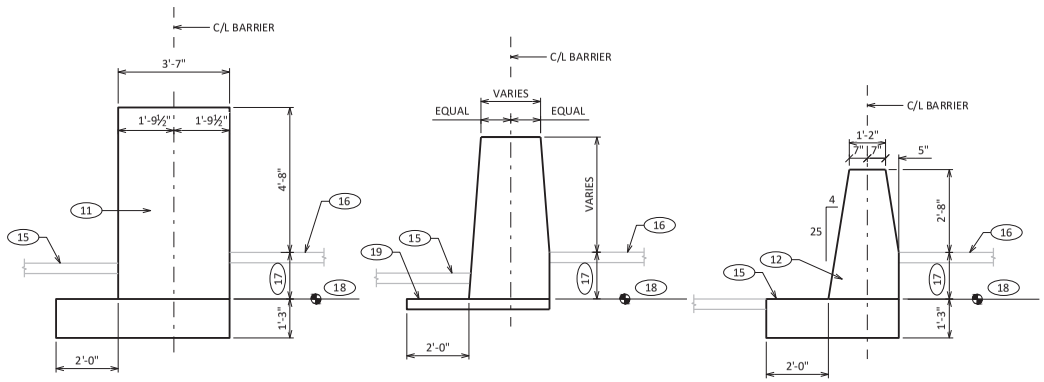
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V42_TO_S42A.DWG
LAYOUT NAME - V42 TO S42A SHT 2
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW



PLAN VIEW



SECTION A-A SECTION B-B SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V56

(12) END ANCHOR S32A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V56 TO S32A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

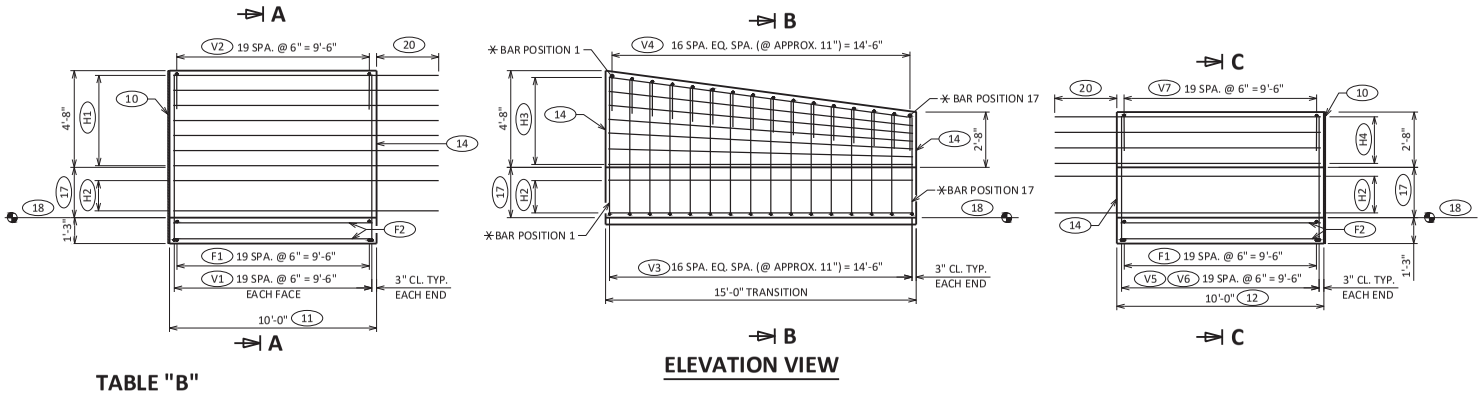
◪ DETAILS SHOWN FOR V56 TO S32A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S32 TO V56 DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42I
March 7, 2023

◪ CONCRETE BARRIER TRANSITION TYPE V56 TO S32A (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42I	E

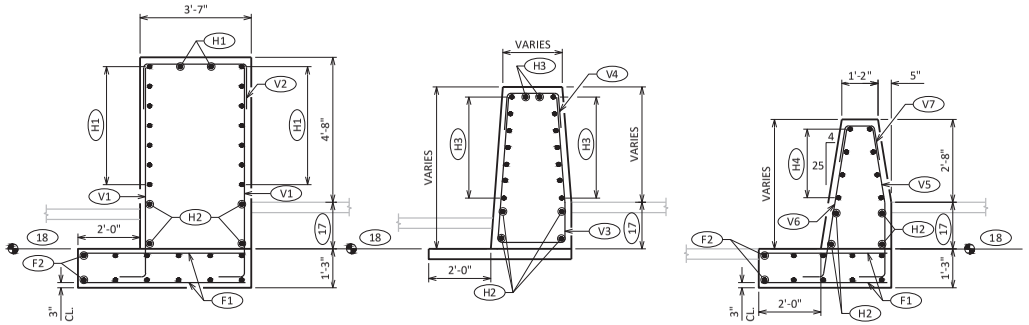
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V56_TO_S32A.DWG
LAYOUT NAME - V56 TO S32A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW

TABLE "B"

BAR POSITION	DIMENSION B	DIMENSION C	ANGLE E	ANGLE F	ANGLE G
1	4'-5 5/8"	3'-3 1/2"	89.9°	179.9°	90.1°
2	4'-4 1/8"	3'-0 3/4"	89.6°	179.6°	90.4°
3	4'-2 3/4"	2'-11"	89.3°	179.3°	90.7°
4	4'-1 1/4"	2'-9 1/4"	88.9°	178.9°	91.1°
5	3'-11 7/8"	2'-7 1/2"	88.5°	178.5°	91.5°
6	3'-10 3/8"	2'-5 3/4"	88.1°	178.1°	91.9°
7	3'-8 7/8"	2'-4"	87.7°	177.7°	92.3°
8	3'-7 1/2"	2'-2 1/4"	87.2°	177.2°	92.8°
9	3'-6"	2'-0 1/2"	86.7°	176.7°	93.3°
10	3'-4 5/8"	1'-10 3/4"	86.2°	176.2°	93.8°
11	3'-3 1/8"	1'-9"	85.7°	175.7°	94.3°
12	3'-1 5/8"	1'-7 1/4"	85.1°	175.1°	94.9°
13	3'-0 1/4"	1'-5 1/2"	84.4°	174.4°	95.6°
14	2'-10 3/4"	1'-3 3/4"	83.8°	173.8°	96.2°
15	2'-9 3/8"	1'-2"	83.0°	173.0°	97.0°
16	2'-7 7/8"	1'-0 1/4"	82.2°	172.2°	97.8°
17	2'-6 3/8"	0'-10 1/2"	81.4°	171.4°	98.6°



Addendum No. 01
ID 1228-22-70
Added Sheet 42J
March 7, 2023

GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V56

(12) END ANCHOR S32A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. EIGHT (8) BARS REQ'D

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

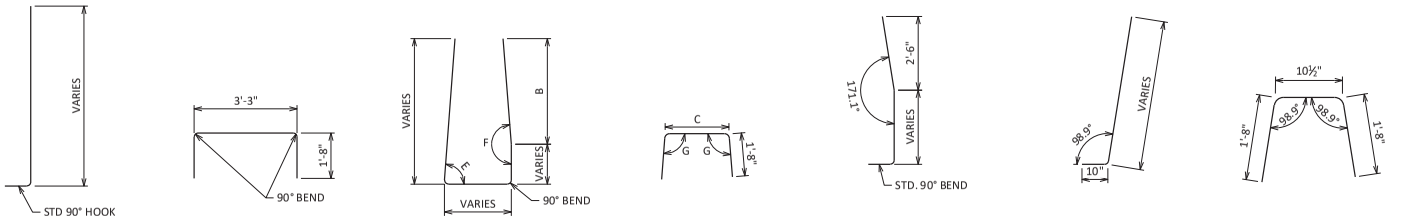
(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS



V1 BEND DETAIL | V2 BEND DETAIL | V3 BEND DETAIL | V4 BEND DETAIL | V5 BEND DETAIL | V6 BEND DETAIL | V7 BEND DETAIL

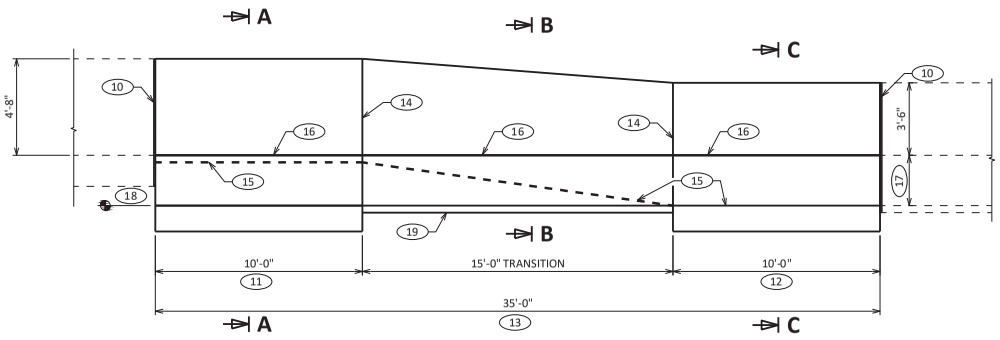
TABLE "A" (17)

HEIGHT BETWEEN ROADWAYS	(H2) QUANTITY OF NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

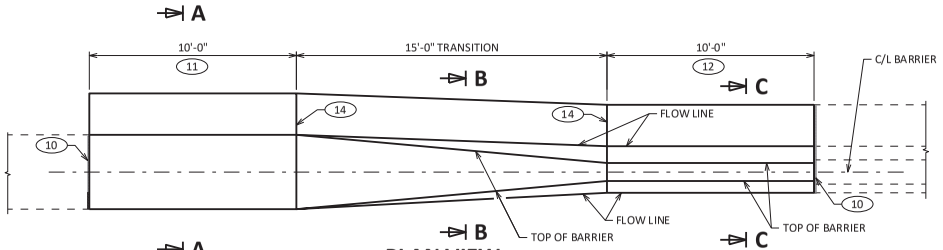
CONCRETE BARRIER TRANSITION TYPE V56 TO S32A (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42J	E

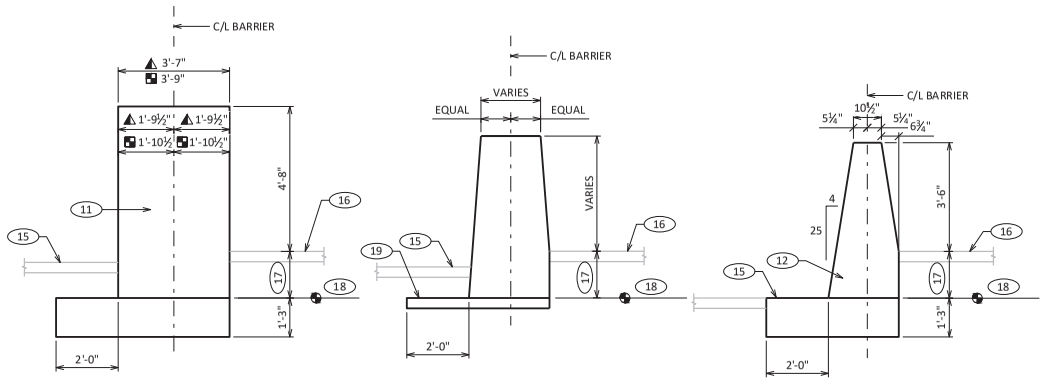
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V56_TO_S32A.DWG
LAYOUT NAME - V56 TO S32A SHT 2
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW



PLAN VIEW



SECTION A-A

SEE PLAN DETAIL SHEET FOR LOCATIONS OF 3'-7" & 3'-9" BARRIER WIDTHS

SECTION B-B

SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V56

(12) END ANCHOR S42A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V56 TO S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

▲ DIMENSION IS APPLICABLE TO 3'-7" WIDE V56 BARRIER

▪ DIMENSION IS APPLICABLE TO 3'-9" WIDE V56 BARRIER

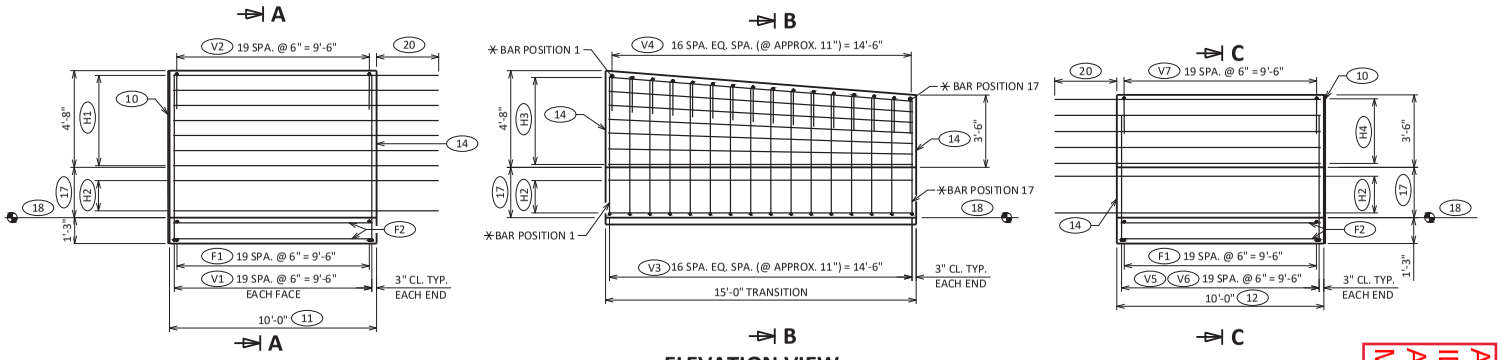
◪ DETAILS SHOWN FOR V56 TO S42A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S42 TO V56 DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42K
March 7, 2023

◪ CONCRETE BARRIER TRANSITION TYPE V56 TO S42A (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42K	E

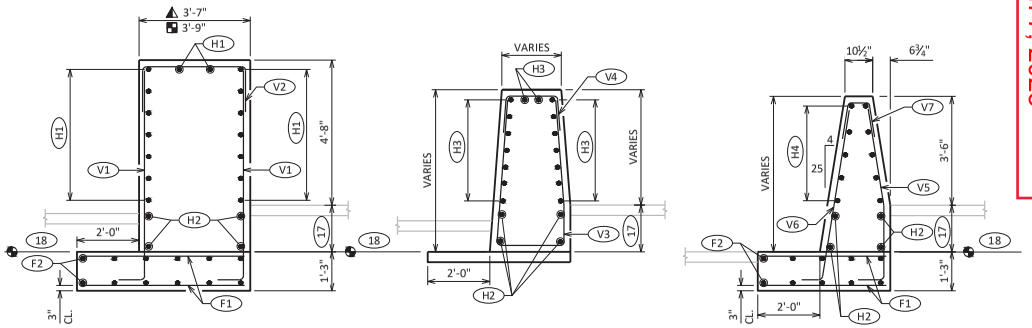
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V56_TO_S42A.DWG
LAYOUT NAME - V56 TO S42A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



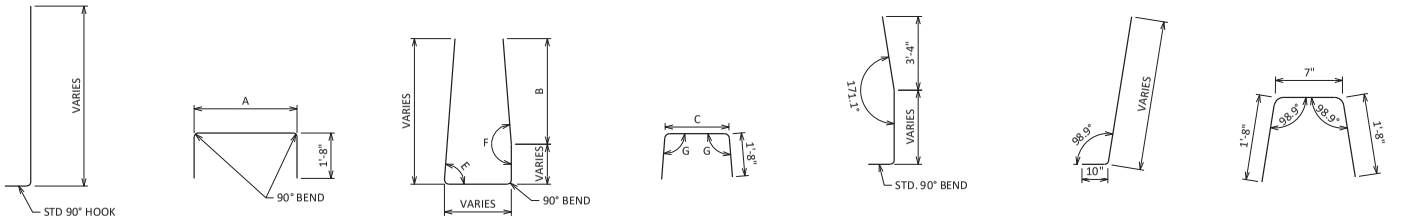
ELEVATION VIEW

TABLE "B"

BAR POSITION	DIMENSION A ▲	DIMENSION A ■	B	C ▲	C ■	ANGLES E	F	G
1	3'-3"	3'-5"	4'-5 3/4"	3'-2 1/2"	3'-4 1/2"	89.9°	179.9°	90.1°
2	3'-3"	3'-5"	4'-4 7/8"	3'-0 1/2"	3'-2 3/8"	89.4°	179.4°	90.6°
3	3'-3"	3'-5"	4'-4 1/8"	2'-10 1/2"	3'-0 1/4"	89.0°	179.0°	91.0°
4	3'-3"	3'-5"	4'-3 1/4"	2'-8 5/8"	2'-10 1/4"	88.6°	178.6°	91.4°
5	3'-3"	3'-5"	4'-2 3/8"	2'-6 5/8"	2'-8 1/8"	88.1°	178.1°	91.9°
6	3'-3"	3'-5"	4'-1 1/2"	2'-4 5/8"	2'-6"	87.6°	177.6°	92.4°
7	3'-3"	3'-5"	4'-0 3/4"	2'-2 3/4"	2'-3 7/8"	87.1°	177.1°	92.9°
8	3'-3"	3'-5"	3'-11 7/8"	2'-0 3/4"	2'-1 7/8"	86.6°	176.6°	93.4°
9	3'-3"	3'-5"	3'-11"	1'-10 3/4"	1'-11 3/4"	86.1°	176.1°	93.9°
10	3'-3"	3'-5"	3'-10 1/8"	1'-8 3/4"	1'-9 5/8"	85.5°	175.5°	94.5°
11	3'-3"	3'-5"	3'-9 3/8"	1'-6 7/8"	1'-7 5/8"	84.9°	174.9°	95.1°
12	3'-3"	3'-5"	3'-8 1/2"	1'-4 7/8"	1'-5 1/2"	84.4°	174.4°	95.6°
13	3'-3"	3'-5"	3'-7 5/8"	1'-2 7/8"	1'-3 3/8"	83.7°	173.7°	96.3°
14	3'-3"	3'-5"	3'-6 3/4"	1'-1"	1'-1 3/8"	83.1°	173.1°	96.9°
15	3'-3"	3'-5"	3'-6"	0'-11"	0'-11 1/4"	82.5°	172.5°	97.5°
16	3'-3"	3'-5"	3'-5 1/8"	0'-9"	0'-9 1/8"	81.8°	171.8°	98.2°
17	3'-3"	3'-5"	3'-4 1/4"	0'-7"	0'-7 1/8"	81.1°	171.1°	98.9°



SECTION A-A | SECTION B-B | SECTION C-C



V1 BEND DETAIL | V2 BEND DETAIL | V3 BEND DETAIL | V4 BEND DETAIL | V5 BEND DETAIL | V6 BEND DETAIL | V7 BEND DETAIL

GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V56

(12) END ANCHOR S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. TEN (10) BARS REQ'D

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS

▲ DIMENSION IS APPLICABLE TO 3'-7" WIDE V56 BARRIER

■ DIMENSION IS APPLICABLE TO 3'-9" WIDE V56 BARRIER

Addendum No. 01
ID 1228-22-70
Added Sheet 42L
March 7, 2023

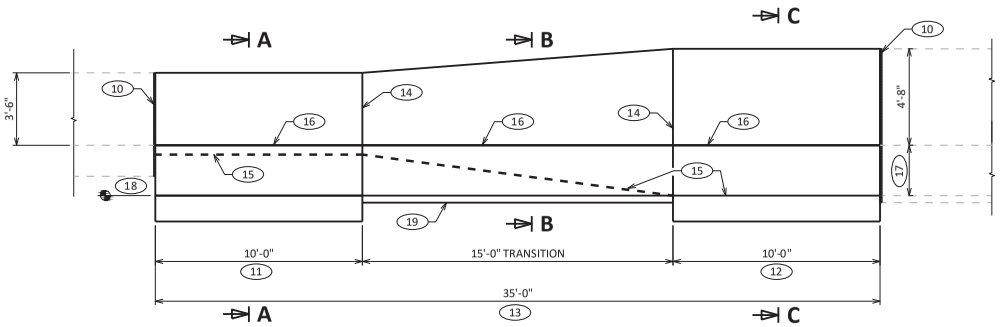
TABLE "A" (17)

HEIGHT BETWEEN ROADWAYS	QUANTITY OF NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

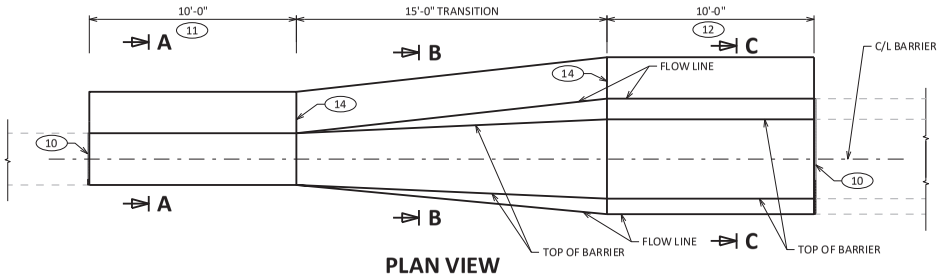
CONCRETE BARRIER TRANSITION TYPE V56 TO S42A (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42L	E

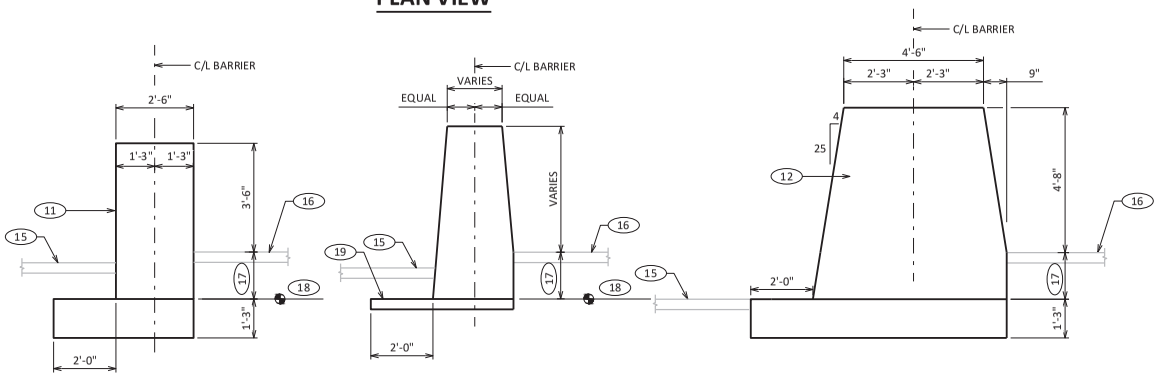
FILE NAME: X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V56_TO_S42A.DWG
LAYOUT NAME - V56 TO S42A SHT 2
PLOT DATE: ----
PLOT BY: ROZMENOSKI, WYATT
PLOT NAME:
PLOT SCALE: 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW



PLAN VIEW



SECTION A-A SECTION B-B SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V42

(12) END ANCHOR S56A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V42 TO S56A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

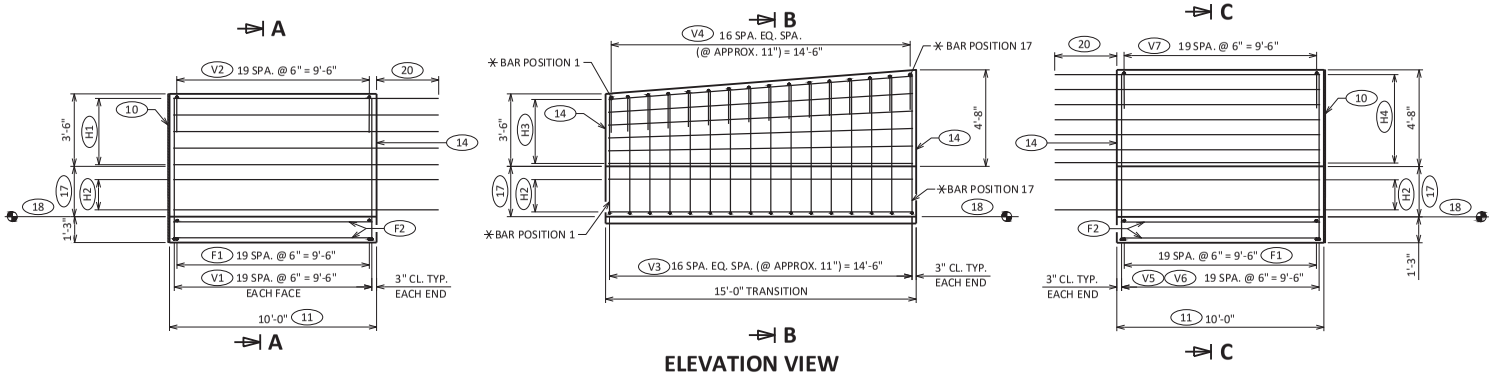
◪ DETAILS SHOWN FOR V42 TO S56A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S56 TO V42 DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42M
March 7, 2023

◪ CONCRETE BARRIER TRANSITION TYPE V42 TO S56A (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42M	E

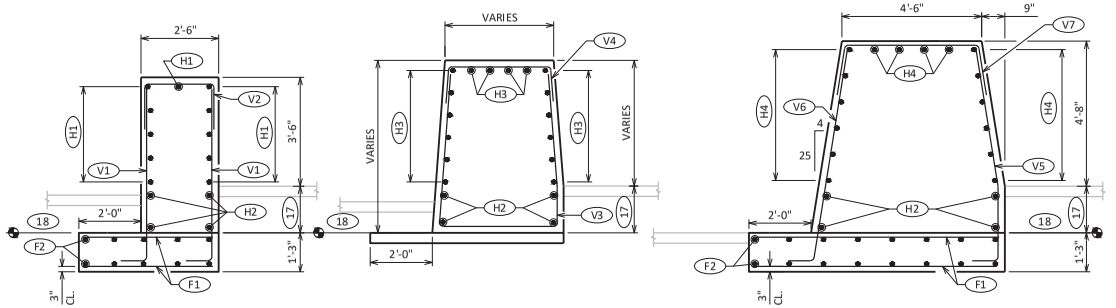
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V42_TO_S56A.DWG
LAYOUT NAME - V42 TO S56A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00

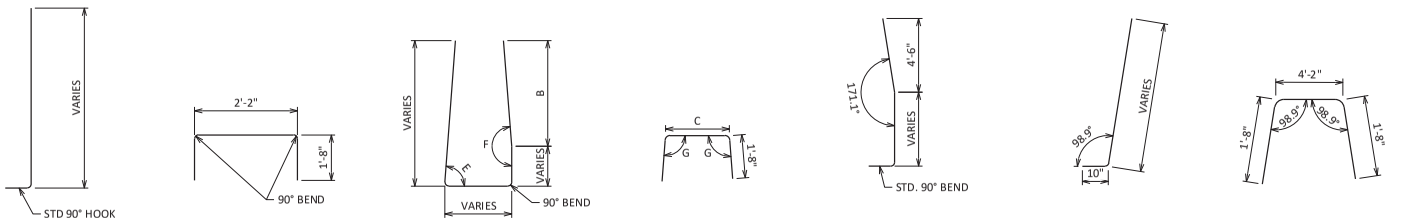


ELEVATION VIEW

TABLE "B"

BAR POSITION	DIMENSION		ANGLE		
	B	C	E	F	G
1	3'-4 1/4"	2'-2 3/8"	89.8°	179.8°	90.2°
2	3'-5 1/8"	2'-3 7/8"	89.1°	179.1°	90.9°
3	3'-6"	2'-5 3/8"	88.4°	178.4°	91.6°
4	3'-6 3/4"	2'-6 3/4"	87.9°	177.7°	92.3°
5	3'-7 5/8"	2'-8 1/4"	87.1°	177.1°	92.9°
6	3'-8 1/2"	2'-9 5/8"	86.5°	176.5°	93.5°
7	3'-9 3/8"	2'-11 1/8"	86.2°	176.2°	93.8°
8	3'-10 1/8"	3'-0 5/8"	85.3°	175.3°	94.7°
9	3'-11"	3'-2"	84.8°	174.8°	95.2°
10	3'-11 7/8"	3'-3 1/2"	84.2°	174.2°	95.8°
11	4'-0 3/4"	3'-4 7/8"	83.7°	173.7°	96.3°
12	4'-1 1/2"	3'-6 3/8"	83.2°	173.2°	96.8°
13	4'-2 3/8"	3'-7 3/4"	82.7°	172.7°	97.3°
14	4'-3 1/4"	3'-9 1/4"	82.3°	172.3°	97.7°
15	4'-4 1/8"	3'-10 3/4"	81.8°	171.8°	98.2°
16	4'-4 7/8"	4'-0 1/8"	81.4°	171.4°	98.6°
17	4'-5 3/4"	4'-1 5/8"	81.0°	171.1°	98.9°





GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V42

(12) END ANCHOR S56A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. ELEVEN (11) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS

TABLE "A" (17)

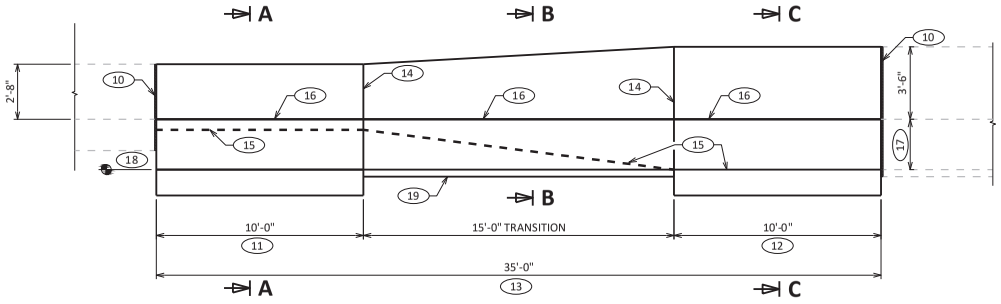
HEIGHT BETWEEN ROADWAYS	QUANTITY OF (H2) NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

Addendum No. 01
ID 1228-22-70
Added Sheet 42N
March 7, 2023

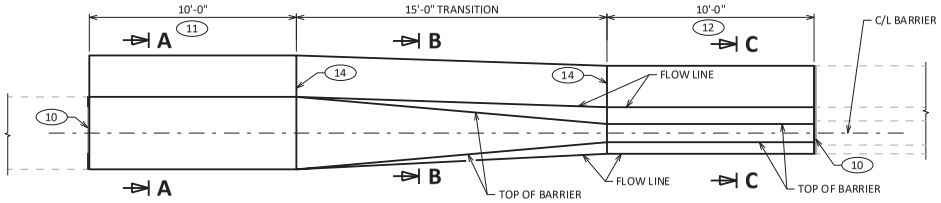
CONCRETE BARRIER TRANSITION TYPE V42 TO S56A (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42N	E

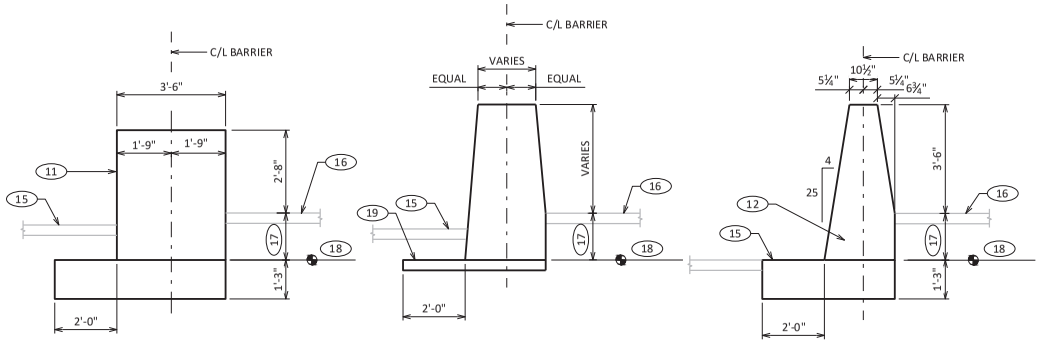
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V42_TO_S56A.DWG
LAYOUT NAME - V42 TO S56A SHT 2
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW



PLAN VIEW



SECTION A-A SECTION B-B SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V32

(12) END ANCHOR S42A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V32 TO S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

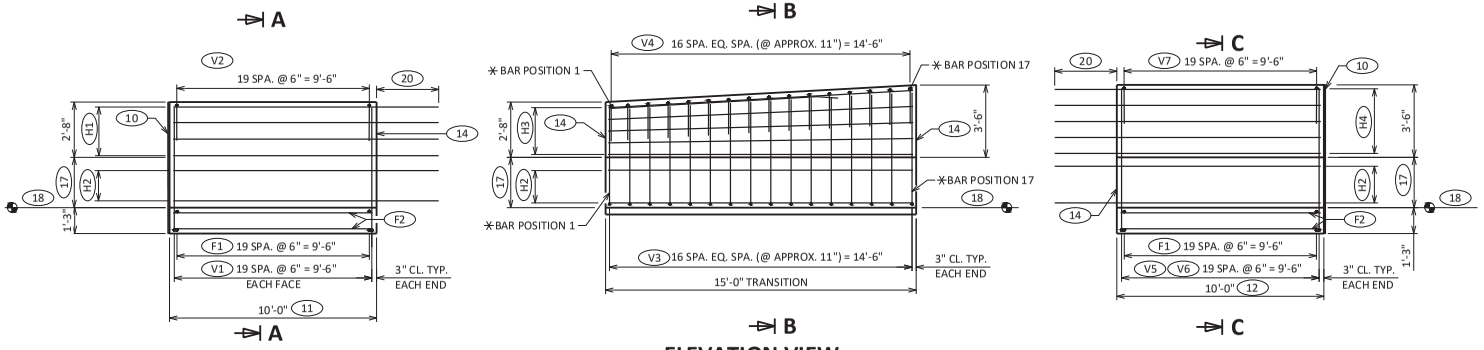
◪ DETAILS SHOWN FOR V32 TO S42A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S42 TO V32 DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 420
March 7, 2023

◪ CONCRETE BARRIER TRANSITION TYPE V32 TO S42A (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 420	E

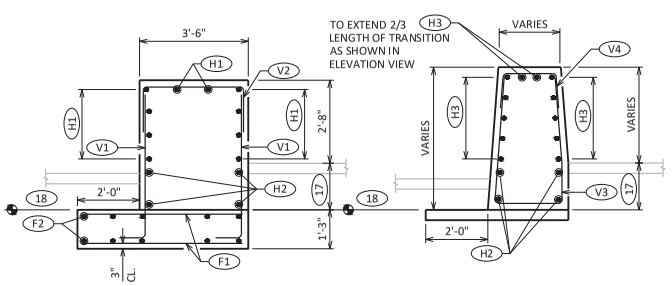
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V32_TO_S42A.DWG
LAYOUT NAME - V32 TO S42A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW

TABLE "B"

BAR POSITION	DIMENSION B	DIMENSION C	ANGLE E	ANGLE F	ANGLE G
1	2'-6 1/8"	3'-1 1/2"	89.8°	179.8°	90.2°
2	2'-6 3/4"	2'-11 5/8"	89.3°	179.3°	90.7°
3	2'-7 3/8"	2'-9 5/8"	88.7°	178.7°	91.3°
4	2'-8"	2'-7 3/4"	88.2°	178.2°	91.8°
5	2'-8 5/8"	2'-5 7/8"	87.6°	177.6°	92.4°
6	2'-9 1/4"	2'-4"	87.1°	177.1°	92.9°
7	2'-9 3/4"	2'-2 1/8"	86.5°	176.5°	93.5°
8	2'-10 3/8"	2'-0 1/8"	85.9°	175.9°	94.0°
9	2'-11"	1'-10 1/4"	85.4°	175.4°	94.6°
10	2'-11 5/8"	1'-8 3/8"	84.9°	174.9°	95.1°
11	3'-0 1/4"	1'-6 1/2"	84.3°	174.3°	95.7°
12	3'-0 7/8"	1'-4 1/2"	83.8°	173.8°	96.2°
13	3'-1 3/8"	1'-2 5/8"	83.2°	173.2°	96.8°
14	3'-2"	1'-0 3/4"	82.7°	172.7°	97.3°
15	3'-2 5/8"	0'-10 7/8"	82.1°	172.1°	97.9°
16	3'-3 1/4"	0'-9"	81.6°	171.6°	98.4°
17	3'-3 7/8"	0'-7"	81.0°	171.1°	99.0°



SECTION A-A

SECTION B-B

SECTION C-C

GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V32

(12) END ANCHOR S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. TEN (10) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. TWELVE (12) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. TEN (10) BARS REQ'D

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

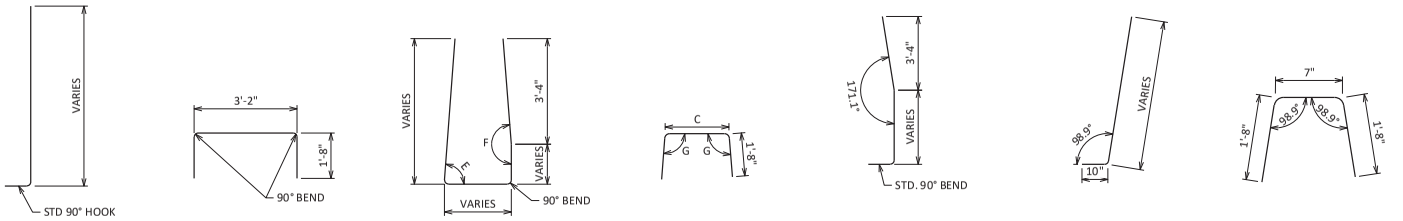
(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS



V1 BEND DETAIL

V2 BEND DETAIL

V3 BEND DETAIL

V4 BEND DETAIL

V5 BEND DETAIL

V6 BEND DETAIL

V7 BEND DETAIL

TABLE "A" (17)

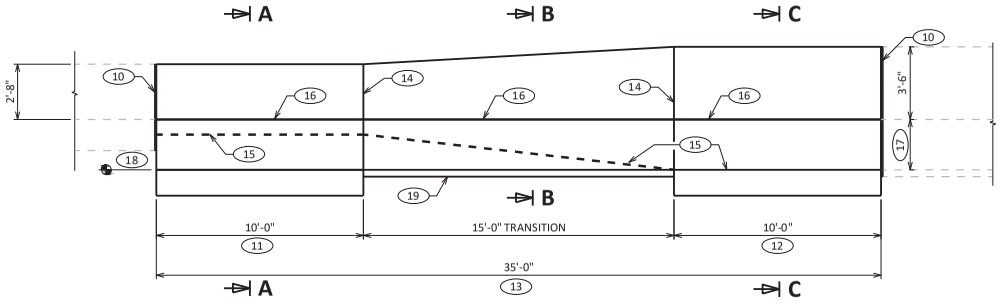
HEIGHT BETWEEN ROADWAYS	QUANTITY OF (H2) NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

Addendum No. 01
ID 1228-22-70
Added Sheet 42P
March 7, 2023

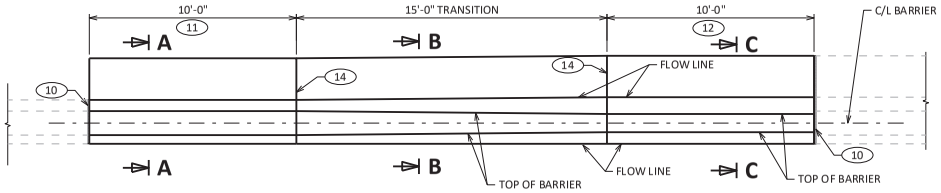
CONCRETE BARRIER TRANSITION TYPE V32 TO S42A (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42P	E

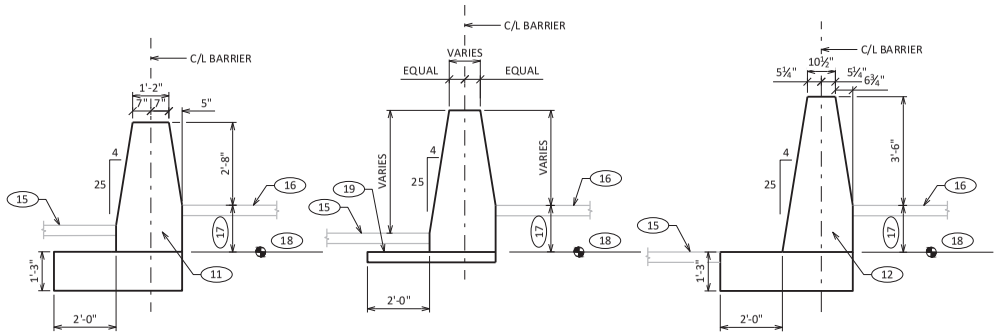
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_V32_TO_S42A.DWG
LAYOUT NAME - V32 TO S42A SHT 2
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00



ELEVATION VIEW



PLAN VIEW



SECTION A-A SECTION B-B SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR S32A

(12) END ANCHOR S42A

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE S32A TO S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (1½" MIN. TO 3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

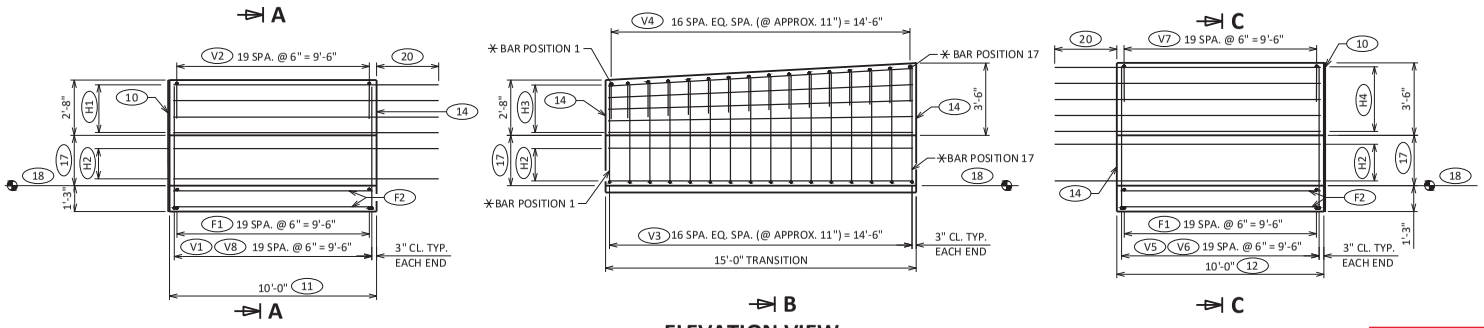
◪ DETAILS SHOWN FOR S32A TO S42A DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR S42A TO S32A DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42Q
March 7, 2023

◪ CONCRETE BARRIER TRANSITION TYPE S32A TO S42A (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42Q	E

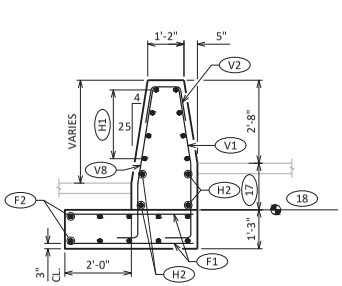
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_S32A_TO_S42A.DWG
LAYOUT NAME - S32A TO S42A SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



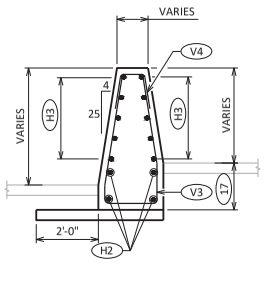
ELEVATION VIEW

TABLE "B"

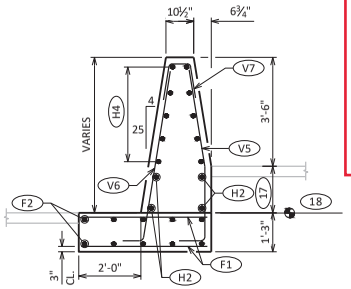
BAR POSITION	DIMENSION B	DIMENSION C
1	2'-6 1/8"	0'-10"
2	2'-6 3/4"	0'-9 3/4"
3	2'-7 3/8"	0'-9 1/2"
4	2'-8"	0'-9 3/8"
5	2'-8 5/8"	0'-9 1/8"
6	2'-9 1/4"	0'-8 7/8"
7	2'-9 3/4"	0'-8 5/8"
8	2'-10 3/8"	0'-8 1/2"
9	2'-11"	0'-8 1/4"
10	2'-11 5/8"	0'-8"
11	3'-0 1/4"	0'-7 7/8"
12	3'-0 7/8"	0'-7 5/8"
13	3'-1 3/8"	0'-7 3/8"
14	3'-2"	0'-7 1/4"
15	3'-2 5/8"	0'-7"
16	3'-3 1/4"	0'-6 3/4"
17	3'-3 7/8"	0'-6 5/8"



SECTION A-A



SECTION B-B



SECTION C-C

Addendum No. 01
ID 1228-22-70
Added Sheet 42R
March 7, 2023

GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR S32A

(12) END ANCHOR S42A

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (1½" MIN. TO 3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. EIGHT (8) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR.

(H3) HORIZONTAL NO. 5 BARS. TEN (10) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN.

(H4) HORIZONTAL NO. 5 BARS. TEN (10) BARS REQ'D

(V1) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL & TABLE B) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

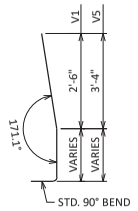
(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V7) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 & V6 BARS

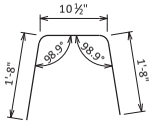
(V8) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(F1) FOOTING TRANSVERSE NO. 6 BARS

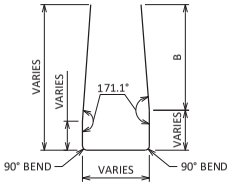
(F2) FOOTING LONGITUDINAL NO. 5 BARS



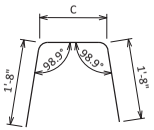
V1 & V5 BEND DETAIL



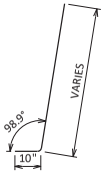
V2 BEND DETAIL



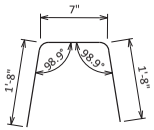
V3 BEND DETAIL



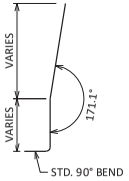
V4 BEND DETAIL



V6 BEND DETAIL



V7 BEND DETAIL



V8 BEND DETAIL

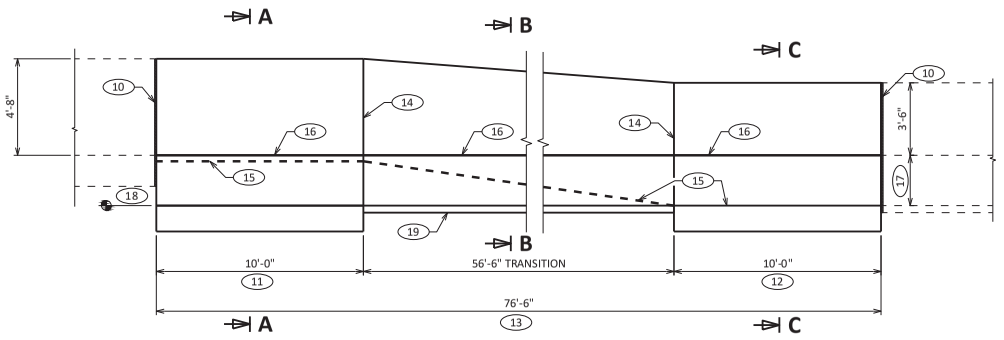
TABLE "A" (17)

HEIGHT BETWEEN ROADWAYS	(H2) QUANTITY OF NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

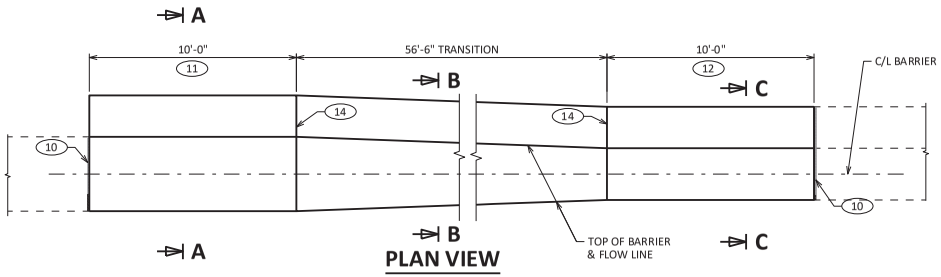
CONCRETE BARRIER TRANSITION TYPE S32A TO S42A (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42R	E

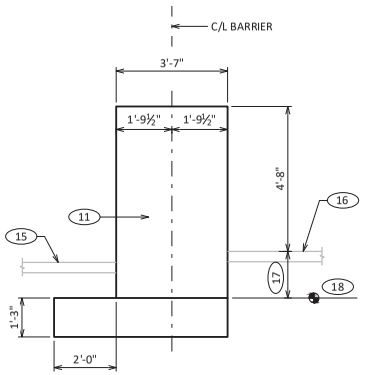
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_TRANSITION_S32A_TO_S42A.DWG
LAYOUT NAME - S32A TO S42A SHT 2
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



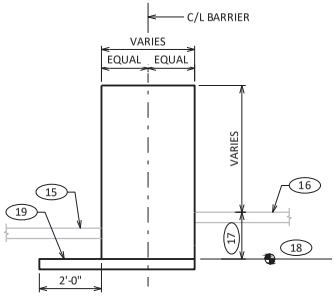
ELEVATION VIEW



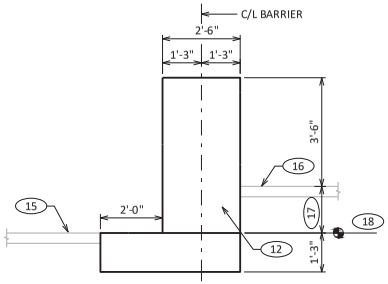
PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V56

(12) END ANCHOR V42

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V56 TO V42 SPECIAL

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ⅓ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

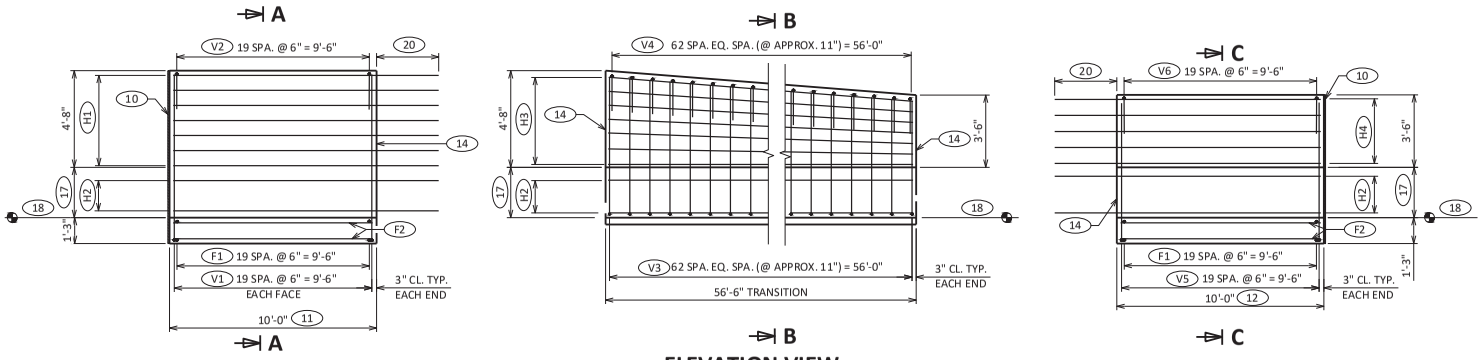
◪ DETAILS SHOWN FOR V56 (AT 3'-7" WIDTH) TO V42 (AT 2'-6" WIDTH) DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR V42 (AT 2'-6" WIDTH) TO V56 (AT 3'-7" WIDTH) DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42S
March 7, 2023

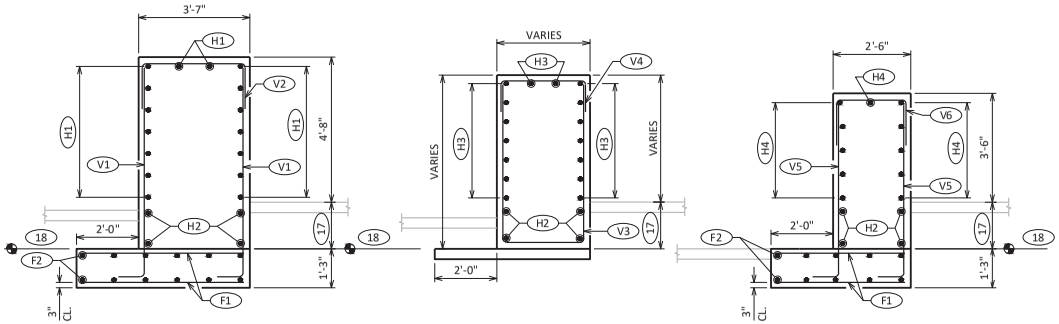
◪ CONCRETE BARRIER TRANSITION TYPE V56 TO V42 SPECIAL (SHEET 1 OF 2)

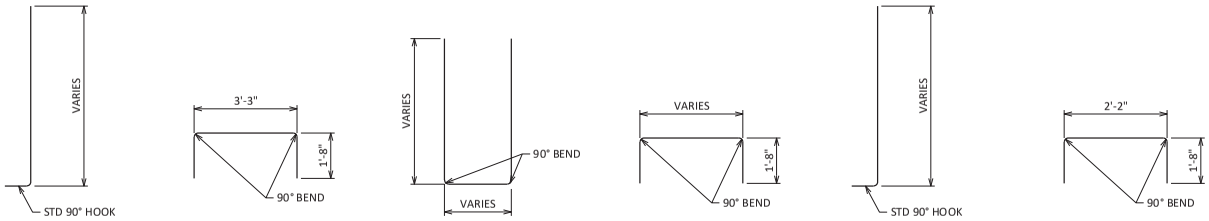
PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42S	E

FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_SPECIAL_TRANSITION_V56_TO_V42.DWG
LAYOUT NAME - V56 TO V42 SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00



ELEVATION VIEW





GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V56

(12) END ANCHOR V42

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR. 3'-6" MIN. LAP

(H3) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN. 3'-6" MIN. LAP

(H4) HORIZONTAL NO. 5 BARS. ELEVEN (11) BARS REQ'D.

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS

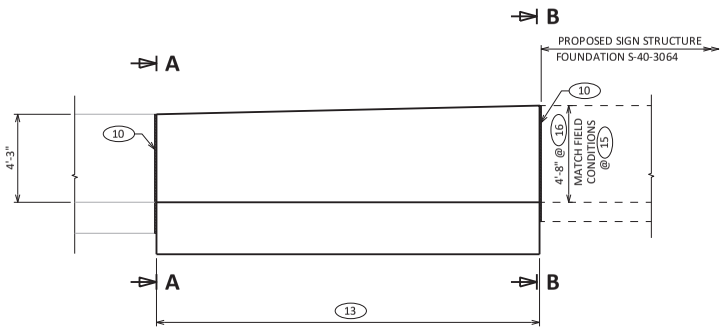
Addendum No. 01
ID 1228-22-70
Added Sheet 42T
March 7, 2023

TABLE "A" (17)

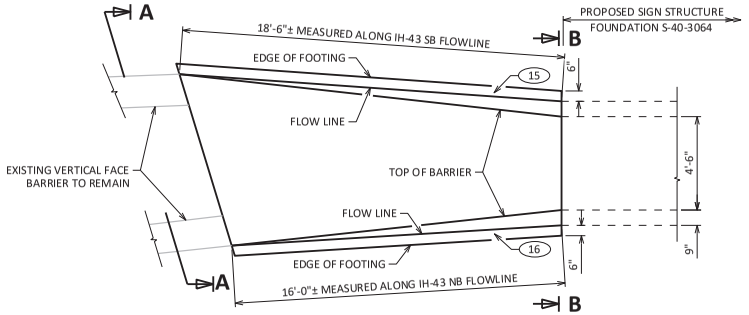
HEIGHT BETWEEN ROADWAYS	(H2) QUANTITY OF NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

CONCRETE BARRIER TRANSITION TYPE V56 TO V42 SPECIAL (SHEET 2 OF 2)

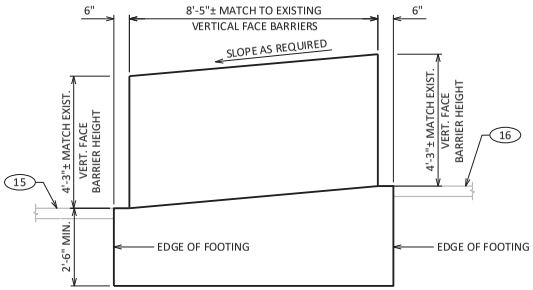
PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42T	E



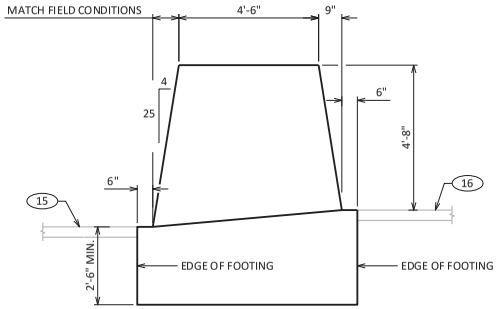
ELEVATION VIEW



PLAN VIEW



SECTION A-A



SECTION B-B

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V51 TO S56 SPECIAL

(15) LOW SIDE SHOULDER

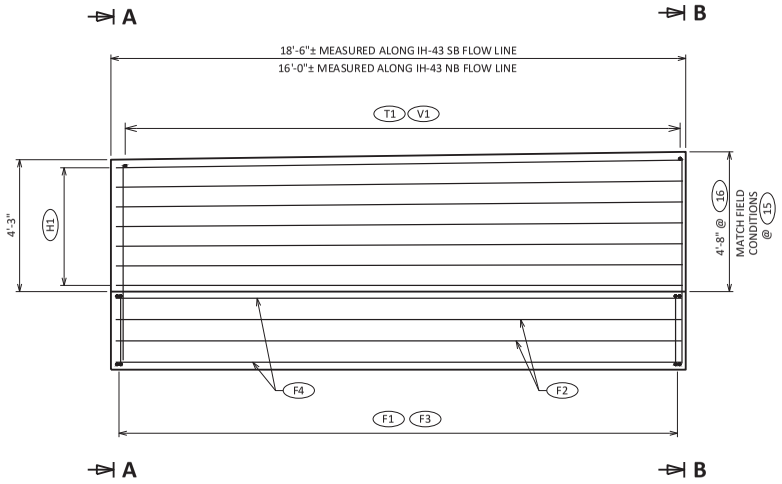
(16) HIGH SIDE SHOULDER

CONCRETE BARRIER TRANSITION TYPE V51 TO S56 SPECIAL (SHEET 1 OF 2)

Addendum No. 01
ID 1228-22-70
Added Sheet 42U
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42U	E

FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_SPECIAL_TRANSITION_V51_TO_S56.DWG
LAYOUT NAME - V51 TO S56 SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42

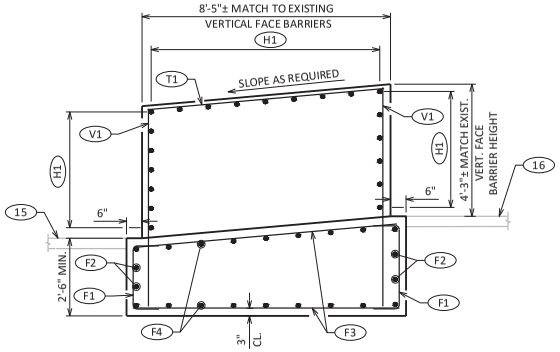


ELEVATION VIEW

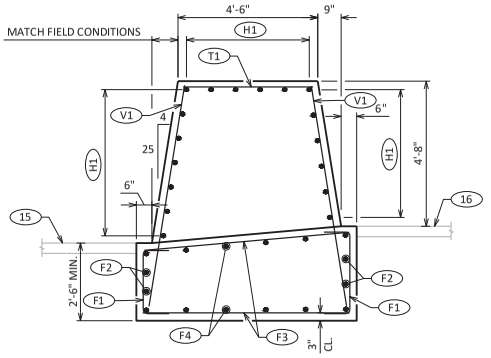
GENERAL NOTES

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

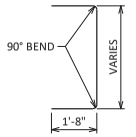
- (H1) HORIZONTAL NO. 5 BARS SPACED AT 1'-0" MAX.
- (T1) TRANSVERSE NO. 5 BARS SPACED AT 1'-0" MAX.
- (V1) VERTICAL NO. 5 BARS, EACH FACE, SPACED AT 1'-0" MAX.
- (F1) FOOTING VERTICAL EDGE NO. 5 BARS. SEE BAR BEND DIAGRAM.
- (F2) FOOTING LONGITUDINAL EDGE NO. 5 BARS.
- (F3) FOOTING TRANSVERSE NO. 5 BARS.
- (F4) FOOTING LONGITUDINAL NO. 5 BARS.



SECTION A-A



SECTION B-B



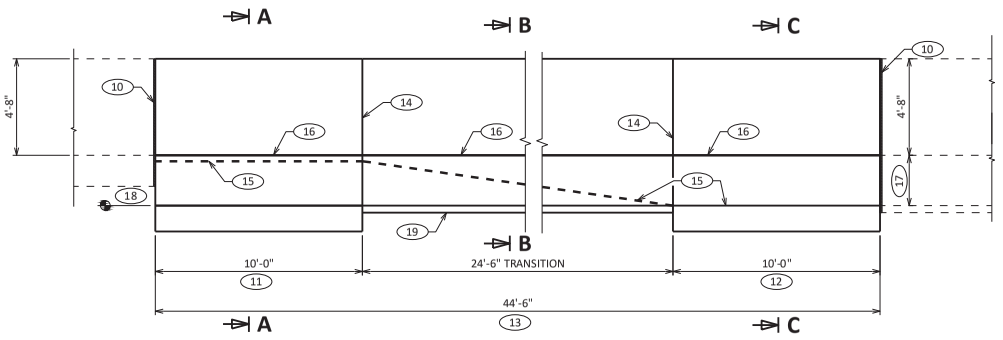
F1 BEND DETAIL

Addendum No. 01
ID 1228-22-70
Added Sheet 42V
March 7, 2023

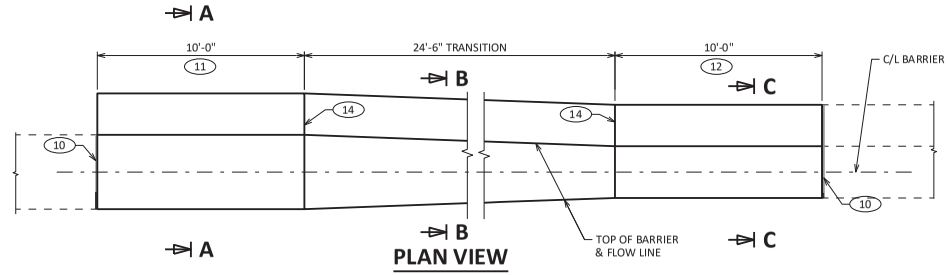
CONCRETE BARRIER TRANSITION TYPE V51 TO S56 SPECIAL (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42V	E

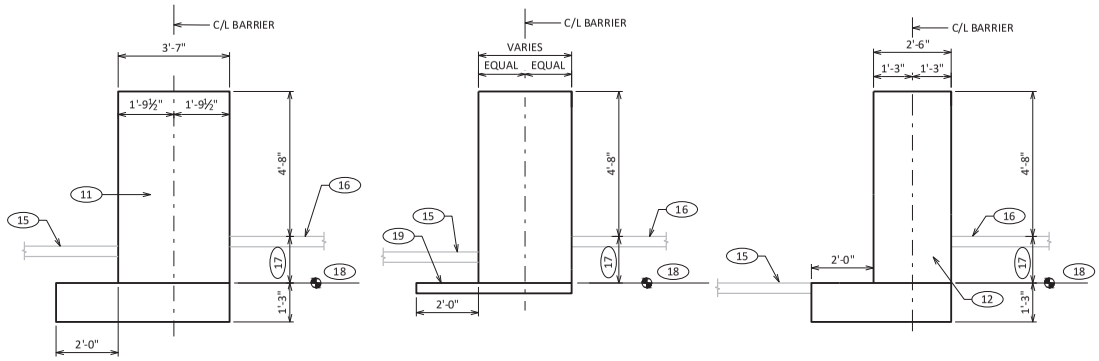
FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_SPECIAL_TRANSITION_V51_TO_S56.DWG
LAYOUT NAME - V51 TO S56 SHT 2
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00



ELEVATION VIEW



PLAN VIEW



SECTION A-A SECTION B-B SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V56

(12) END ANCHOR V56

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL I

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

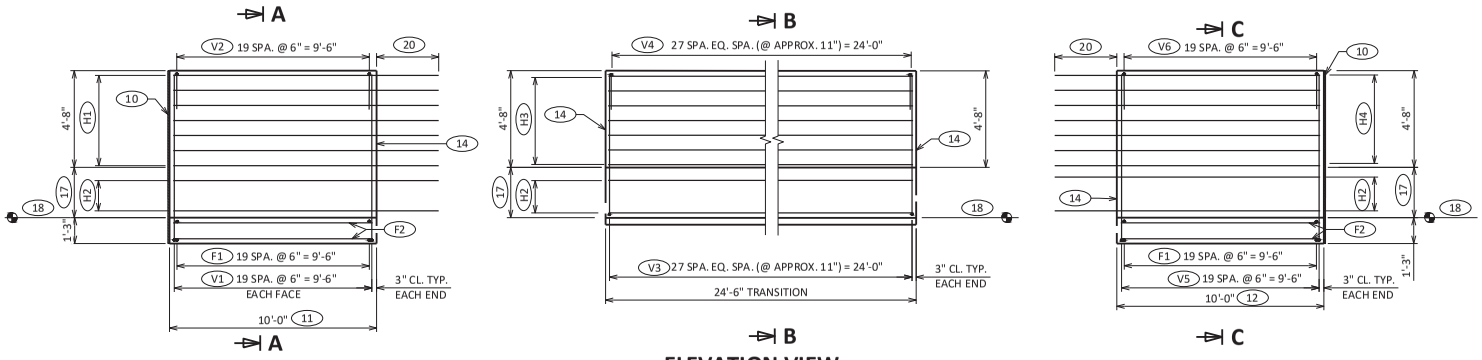
◥ DETAILS SHOWN FOR V56 (AT 3'-7" WIDTH) TO V56 (AT 2'-6" WIDTH) DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR V56 (AT 2'-6" WIDTH) TO V56 (AT 3'-7" WIDTH) DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42W
March 7, 2023

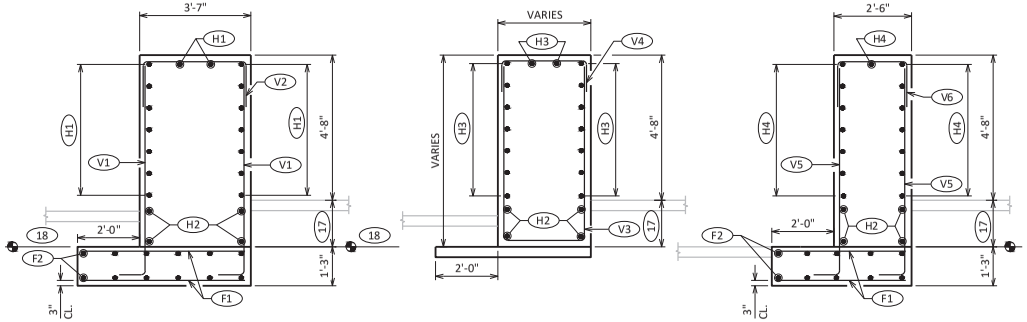
◥ CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL I (SHEET 1 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42W	E

FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_SPEC_TRANSITION_V56_TO_V56-44.5-FT.DWG
LAYOUT NAME - V56 SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



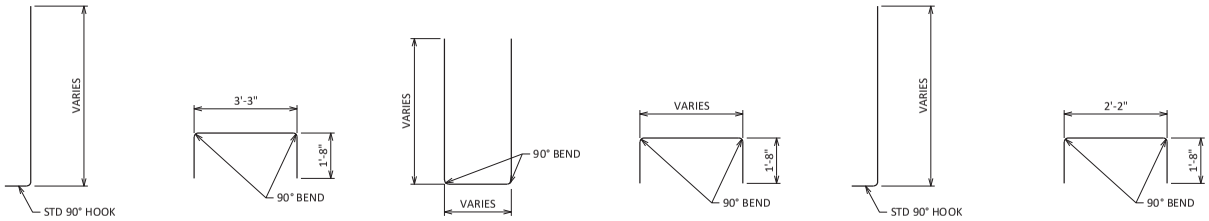
ELEVATION VIEW



SECTION A-A

SECTION B-B

SECTION C-C



V1 BEND DETAIL

V2 BEND DETAIL

V3 BEND DETAIL

V4 BEND DETAIL

V5 BEND DETAIL

V6 BEND DETAIL

GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V56

(12) END ANCHOR V42

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR. 3'-6" MIN. LAP

(H3) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN. 3'-6" MIN. LAP

(H4) HORIZONTAL NO. 5 BARS. FIFTEEN (15) BARS REQ'D.

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS

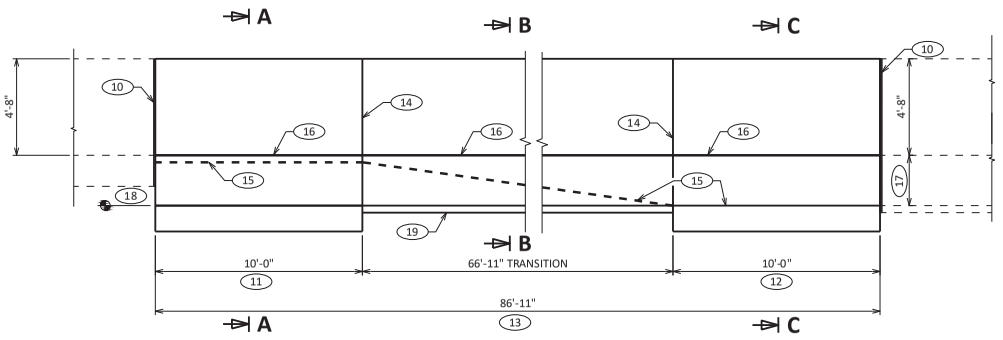
Addendum No. 01
ID 1228-22-70
Added Sheet 42X
March 7, 2023

TABLE "A" (17)

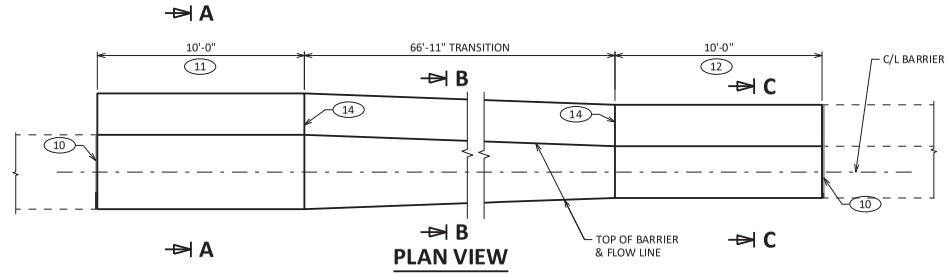
HEIGHT BETWEEN ROADWAYS	(H2) QUANTITY OF NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL I (SHEET 2 OF 2)

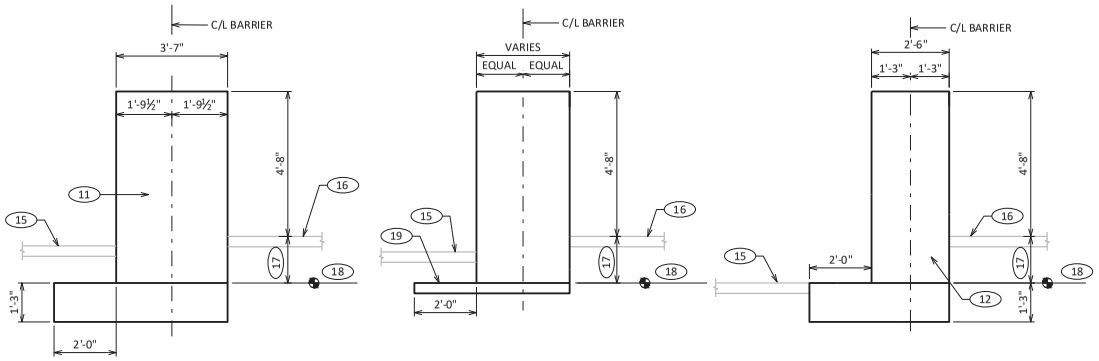
PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42X	E



ELEVATION VIEW



PLAN VIEW



SECTION A-A SECTION B-B SECTION C-C

GENERAL NOTES

CONSTRUCT PER STANDARD 603.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED EDGES UNLESS OTHERWISE NOTED.

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(11) END ANCHOR V56

(12) END ANCHOR V56

(13) PAY LIMIT FOR CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL II

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD

(15) LOW SIDE SHOULDER

(16) HIGH SIDE SHOULDER

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX). SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(19) CONCRETE BARRIER PAD MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ½ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER TRANSITION BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER. SEE "CONCRETE BARRIER SINGLE SLOPE (CBSS) SDD FOR SAWCUT DETAIL & DETAIL FOR ACCOMMODATING DRAINAGE STRUCTURE. SEE "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" SDD FOR TYING BARRIER PAD/FOUNDATION TO ADJACENT CONCRETE.

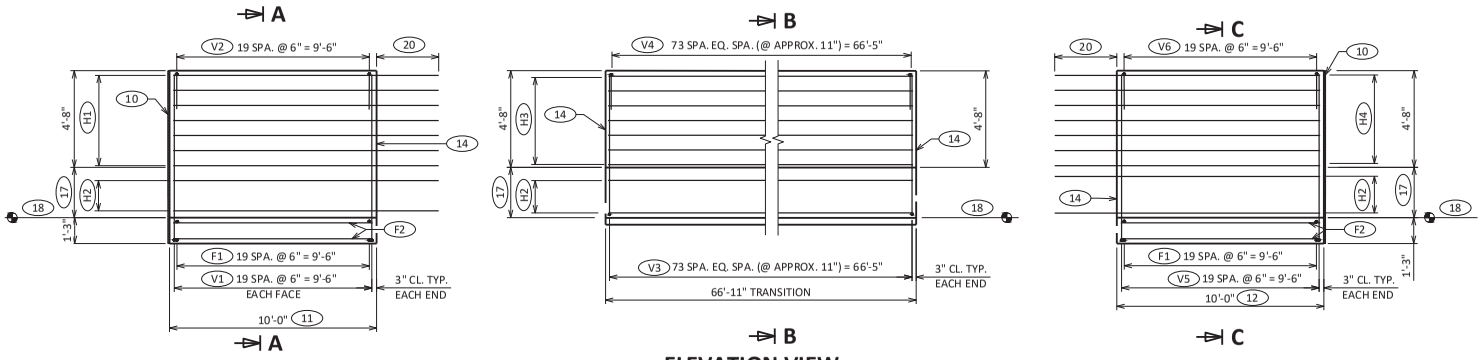
◥ DETAILS SHOWN FOR V56 (AT 3'-7" WIDTH) TO V56 (AT 2'-6" WIDTH) DIFFERENTIAL SHOULDER HEIGHT TRANSITION. DETAILS SIMILAR FOR V56 (AT 2'-6" WIDTH) TO V56 (AT 3'-7" WIDTH) DIFFERENTIAL SHOULDER HEIGHT TRANSITION.

Addendum No. 01
ID 1228-22-70
Added Sheet 42Y
March 7, 2023

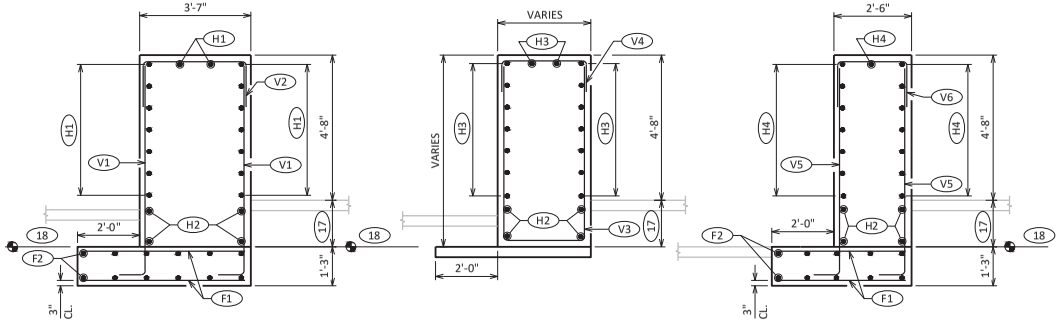
◥ CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL II (SHEET 1 OF 2)

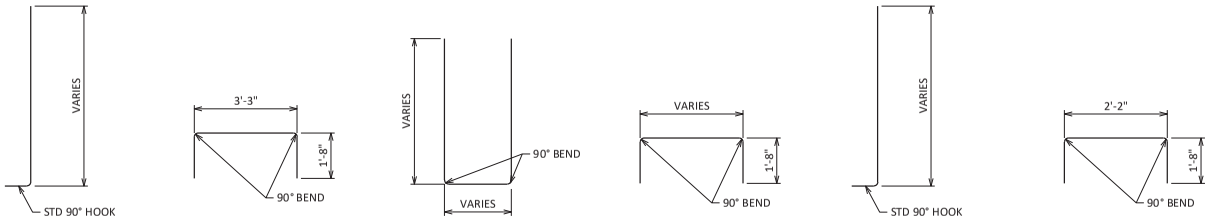
PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42Y	E

FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_SPEC_TRANSITION_V56_TO_V56-86.9-FT.DWG
LAYOUT NAME - V56 SHT 1
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42



ELEVATION VIEW





GENERAL NOTES

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

MAXIMUM DIFFERENTIAL SHOULDER HEIGHT, MEASURED AT FLOWLINE OF BARRIER, IS 3'-0".

(10) SEE EXPANSION JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(11) END ANCHOR V56

(12) END ANCHOR V56

(14) SEE COLD JOINT DETAIL ON "CONCRETE BARRIER SINGLE SLOPE (CBSS)" SDD.

(17) DIFFERENTIAL SHOULDER HEIGHT VARIES PER TRANSITION LOCATION (3'-0" MAX.) SEE SHOULDER ELEVATIONS.

(18) CONSTANT ELEVATION PER TRANSITION LOCATION

(20) 3'-6" MIN. LAP OF LONGITUDINAL REINFORCEMENT

(H1) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D.

(H2) HORIZONTAL NO. 6 BARS EQUALLY SPACED. SEE TABLE "A" FOR REQ'D. REBAR. 3'-6" MIN. LAP

(H3) HORIZONTAL NO. 5 BARS. SIXTEEN (16) BARS REQ'D. SLOPE BARS FOR EQUAL SPACING AS SHOWN. 3'-6" MIN. LAP

(H4) HORIZONTAL NO. 5 BARS. FIFTEEN (15) BARS REQ'D.

(V1) VERTICAL NO. 5 BARS, EACH FACE (SEE BAR BEND DETAIL)

(V2) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V1 BARS

(V3) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL)

(V4) VERTICAL NO. 4 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V3 BARS

(V5) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL)

(V6) VERTICAL NO. 5 BARS (SEE BAR BEND DETAIL) 1'-6" MIN LAP WITH V5 BARS

(F1) FOOTING TRANSVERSE NO. 6 BARS

(F2) FOOTING LONGITUDINAL NO. 5 BARS

Addendum No. 01
ID 1228-22-70
Added Sheet 42Z
March 7, 2023

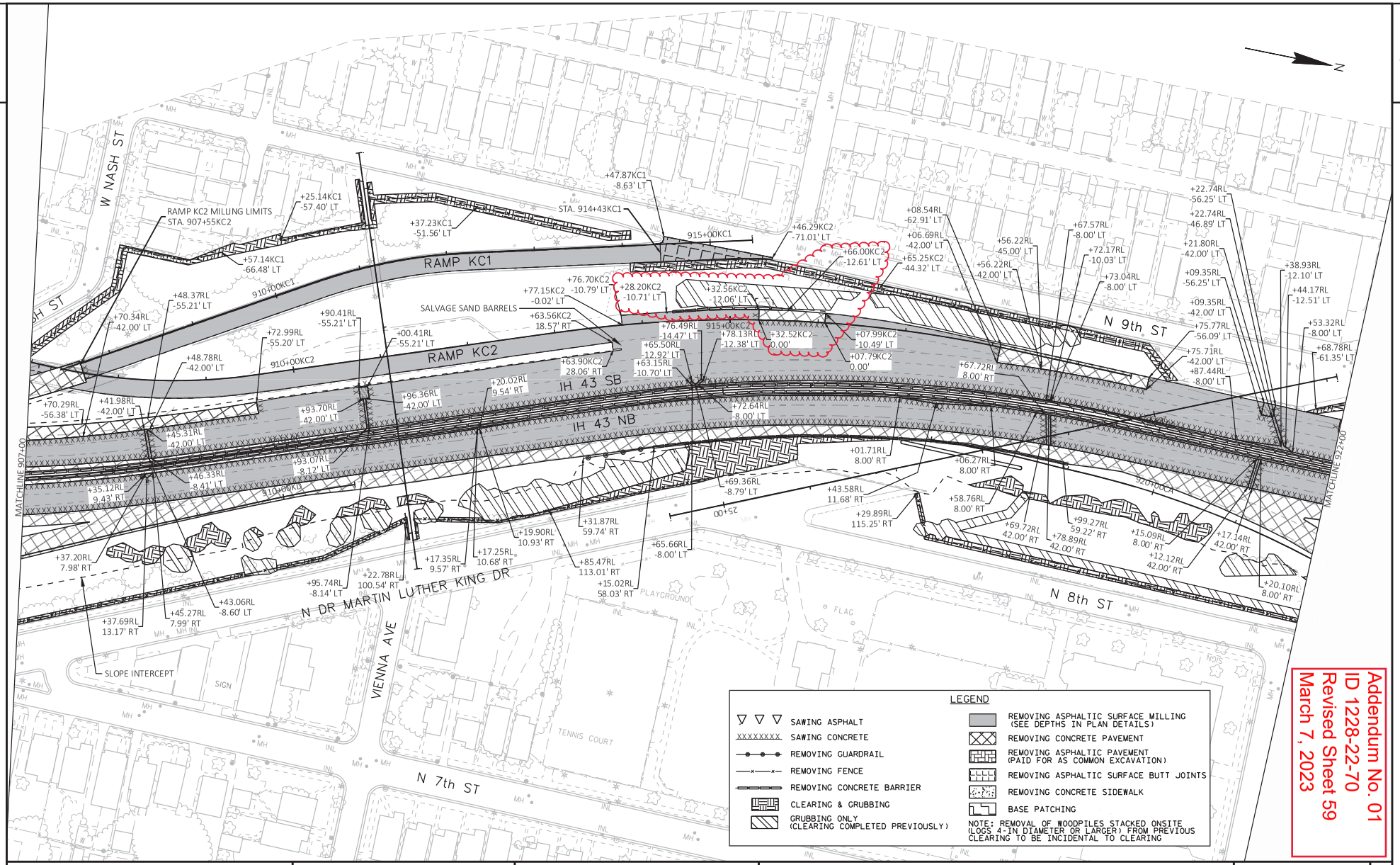
TABLE "A" (17)

HEIGHT BETWEEN ROADWAYS	(H2) QUANTITY OF NO. 6 BARS
0" TO 3"	0
>3" TO 8"	2
>8" TO 12"	4
>12" TO 36"	8

CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL II (SHEET 2 OF 2)

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 42Z	E

FILE NAME : X:\ML\2022\20220243\DESIGN\TRANSPORTATION\SHEETSPLAN\ROADWAY_BARRIER_SPEC_TRANSITION_V56_TO_V56-86.9-FT.DWG
LAYOUT NAME - V56 SHT 2
PLOT DATE : ----
PLOT BY : ROZMENOSKI, WYATT
PLOT NAME :
PLOT SCALE : 6.00
WISDOT/CADDS SHEET 42

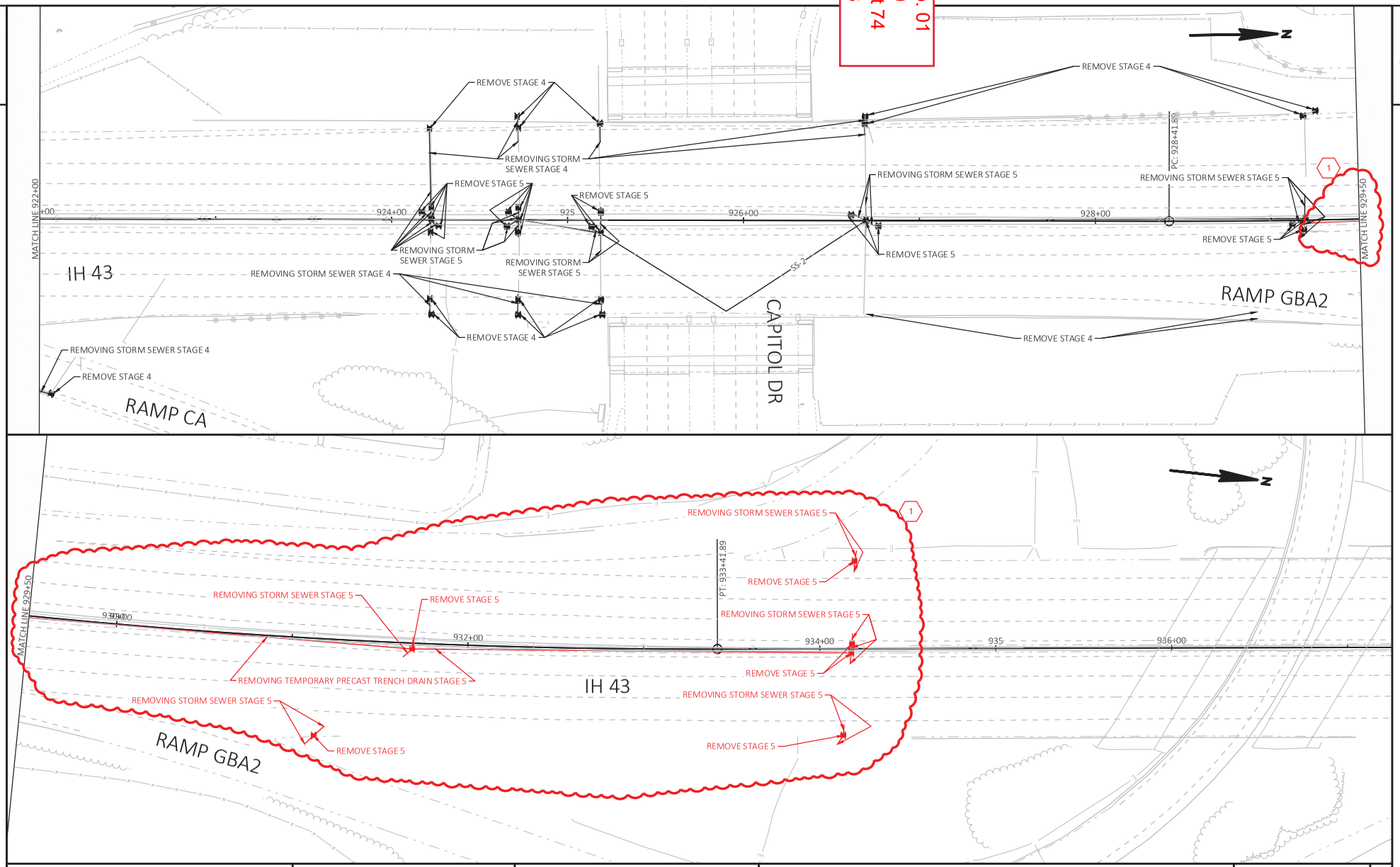


Addendum No. 01
ID 1228-22-70
Revised Sheet 59
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	REMOVALS	SHEET 59	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\021101_RM_AD1.DWG
LAYOUT NAME - 021108-rm
PLOT DATE : 2/15/2023 2:00 PM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Revised Sheet 74
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	REMOVALS	SHEET 74	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\021102_RM.DWG
LAYOUT NAME - 021118-rm
PLOT DATE : 3/1/2023 2:15 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:50 FT

LEGEND

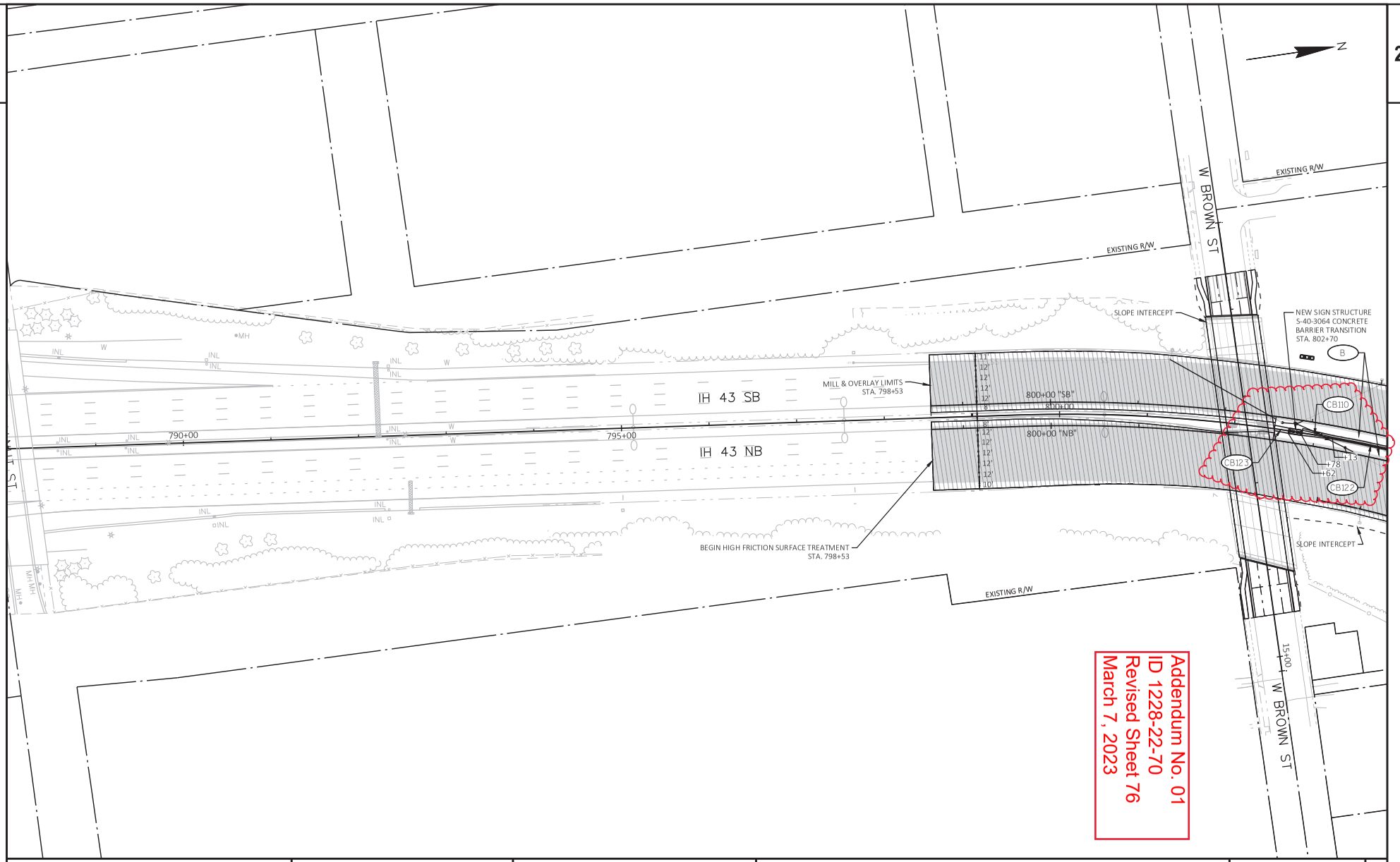
- SLOPE INTERCEPT
- EXPANSION JOINT REPLACEMENT
- RIGHT OF WAY
- RIGHT OF WAY FENCE

- CB01 CONCRETE BARRIER TYPE S32
- CB02 CONCRETE BARRIER TYPE S42
- CB03 CONCRETE BARRIER SINGLE FACED 32-INCH (NJ32SF)
- CB04 CONCRETE BARRIER TYPE S32B
- CB05 CONCRETE BARRIER TYPE S42B
- CB09 CONCRETE BARRIER TYPE S42C
- CB10 CONCRETE BARRIER TYPE S56C
- CB48 END ANCHORAGE (INCIDENTAL TO SINGLE SLOPE CONCRETE BARRIER)
- CB104 CONCRETE BARRIER TRANSITION TYPE S32A TO S42A
- CB105 CONCRETE BARRIER TRANSITION TYPE V32 TO S32
- CB106 CONCRETE BARRIER TRANSITION TYPE V42 TO S42
- CB107 CONCRETE BARRIER TRANSITION TYPE V32 TO S32A
- CB108 CONCRETE BARRIER TRANSITION TYPE V42 TO S42A
- CB109 CONCRETE BARRIER TRANSITION TYPE S56 TO S32A
- CB110 CONCRETE BARRIER TRANSITION TYPE S56 TO S42A
- CB111 CONCRETE BARRIER TRANSITION TYPE V56 TO S32A
- CB112 CONCRETE BARRIER TRANSITION TYPE V56 TO S42A
- CB113 CONCRETE BARRIER TYPE S42A LIGHT POLE BASE
- CB114 CONCRETE BARRIER TRANSITION TYPE NJ32DF TO S32
- CB115 CONCRETE BARRIER TRANSITION SECTION 32-INCH
- CB116 CONCRETE BARRIER TYPE V42 LIGHT POLE BASE
- CB117 CONCRETE BARRIER TYPE V42 SPECIAL LIGHT POLE BASE
- CB120 CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S42
- CB121 CONCRETE BARRIER TYPE S32A
- CB122 CONCRETE BARRIER TYPE S42A
- CB123 CONCRETE BARRIER TRANSITION TYPE V51 TO S56 SPECIAL
- CB124 CONCRETE BARRIER TRANSITION TYPE V56 TO V42 SPECIAL
- CB125 CONCRETE BARRIER TRANSITION TYPE V42 TO S56A
- CB126 CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL I
- CB127 CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL II
- CB128 CONCRETE BARRIER TRANSITION TYPE V32 TO S42A

- BG15 MGS GUARDRAIL 3
- BG16 MGS THRIE BEAM TRANSITION
- BG17 MGS GUARDRAIL TERMINAL EAT
- BG18 MGS GUARDRAIL TERMINAL TYPE 2
- BG23 CRASH CUSHION PERMANENT LOW MAINTENANCE TL3
- CG20 CONCRETE CURB AND GUTTER 30-INCH TYPE A
- CG21 CONCRETE CURB AND GUTTER 30-INCH TYPE D
- CG22 CONCRETE CURB PEDESTRIAN
- CG36 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CGDW CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D - DRIVEWAY
- CG58 CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT
- CM07 CONCRETE SIDEWALK 5-INCH

- HIGH FRICTION SURFACE TREATMENT
- CONCRETE DECK OVERLAY
- DECK REPLACEMENT
- CONCRETE PAVEMENT APPROACH SLAB
- CURB RAMP DETECTIBLE WARNING FIELD YELLOW
- HMA PAVEMENT 4 SMA 58-28 V, 1 3/4-INCH OVER HMA PAVEMENT 3 HT 58-28 H, 2 1/4-INCH
- B HMA PAVEMENT 4 SMA 58-28 V, 2-INCH OVER HMA PAVEMENT 3 HT 58-28 H, 4-INCH OVER HMA PAVEMENT 3 HT 58-28 H, 3 1/2-INCH OVER HMA PAVEMENT 3 HT 58-28 H, 3 1/2-INCH
- C HMA PAVEMENT 4 SMA 58-28 V, 2-INCH OVER HMA PAVEMENT 3 HT 58-28 H, 4-INCH OVER HMA PAVEMENT 3 HT 58-28 H, 2 1/2-INCH OVER HMA PAVEMENT 3 HT 58-28 H, 2 1/2-INCH
- D CONCRETE PAVEMENT 9-INCH
- HMA PAVEMENT 5 HT 58-28 H, 1 1/2-INCH OVER HMA PAVEMENT 5 HT 58-28 H, 1 1/2-INCH

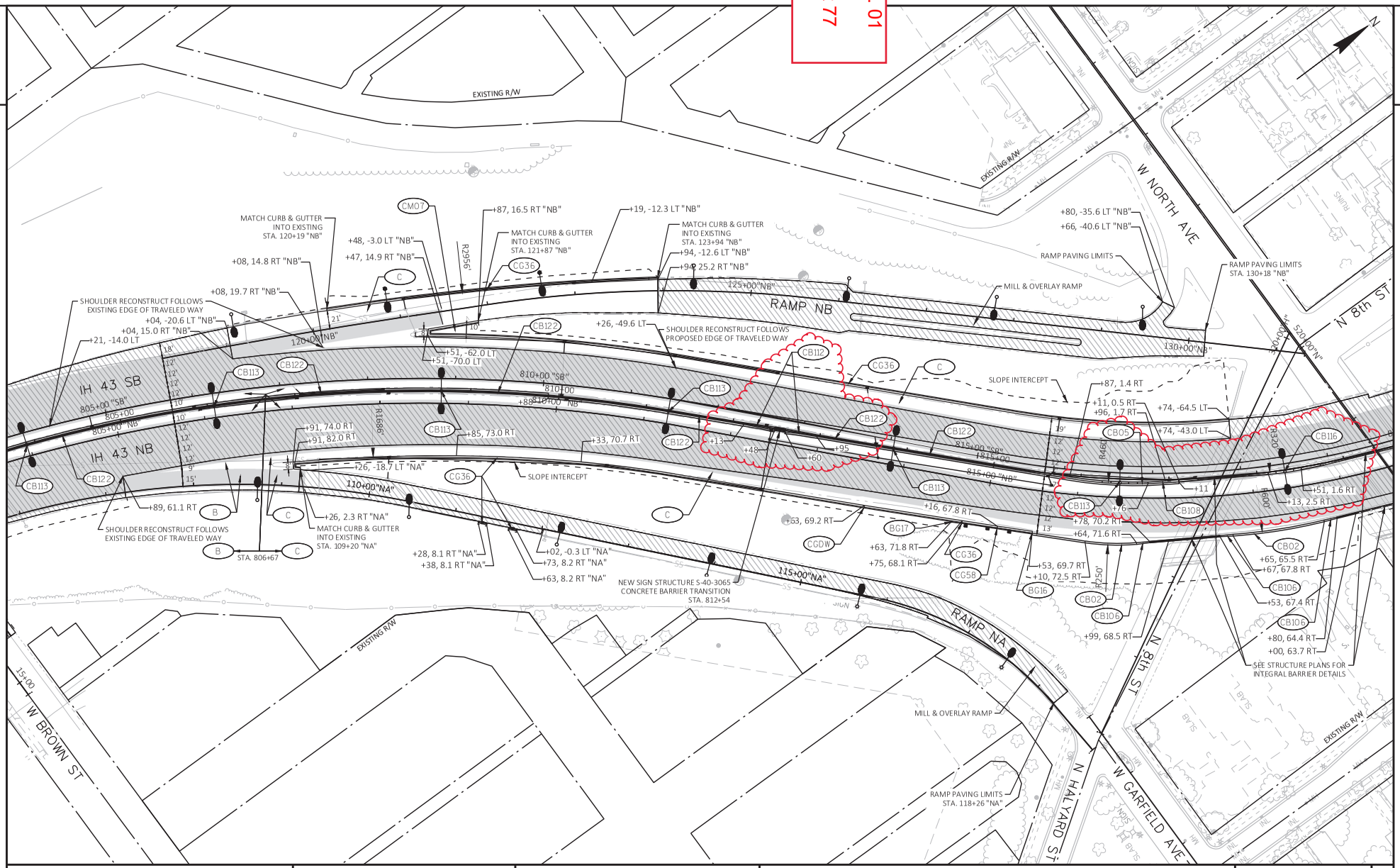
Addendum No. 01
ID 1228-22-70
Revised Sheet 75
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 76	E

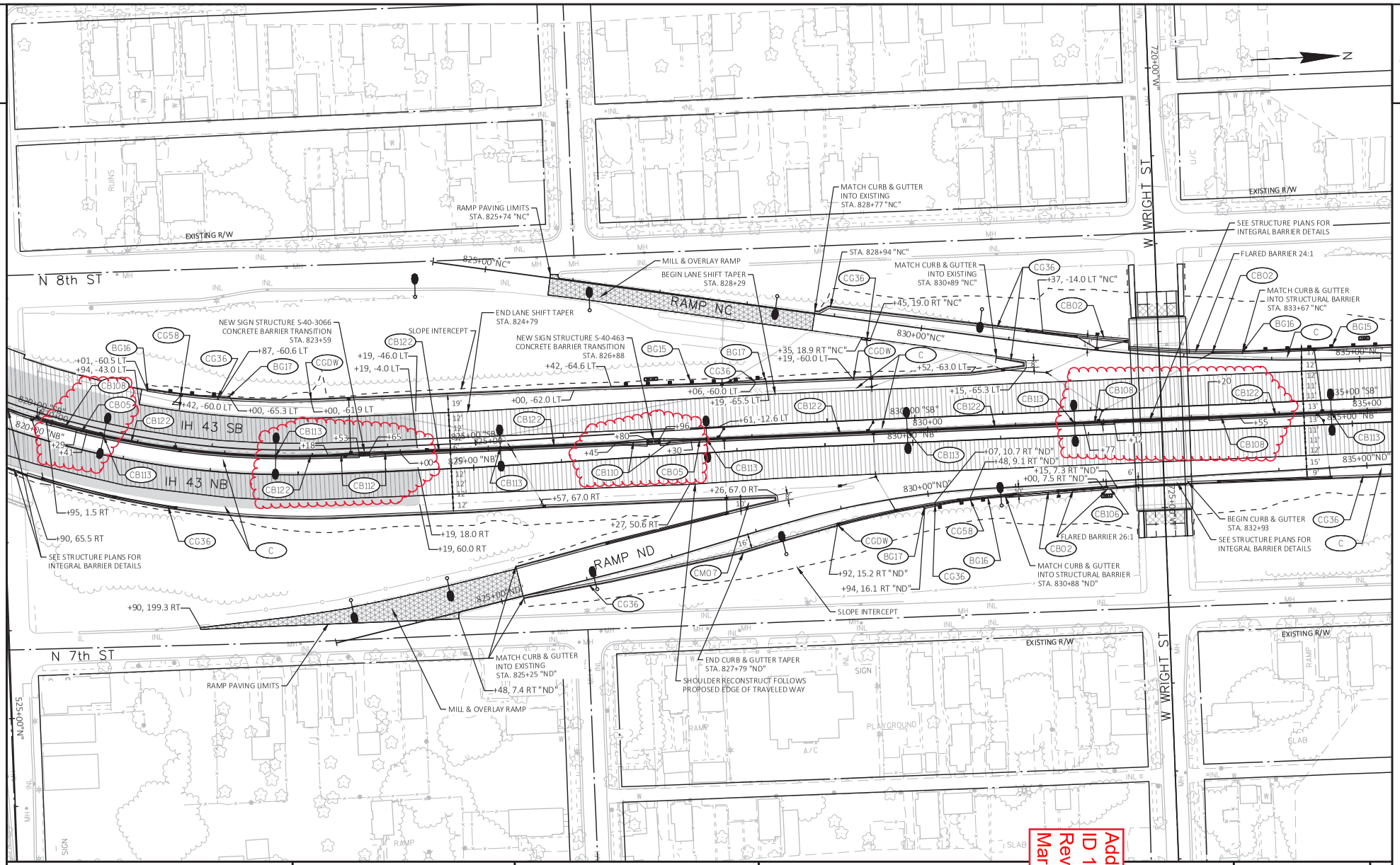
FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021201_pd
PLOT DATE : 2/7/2023 10:26 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Revised Sheet 77
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 77	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\1228270\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021202_pd
PLOT DATE : 2/14/2023 8:28 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

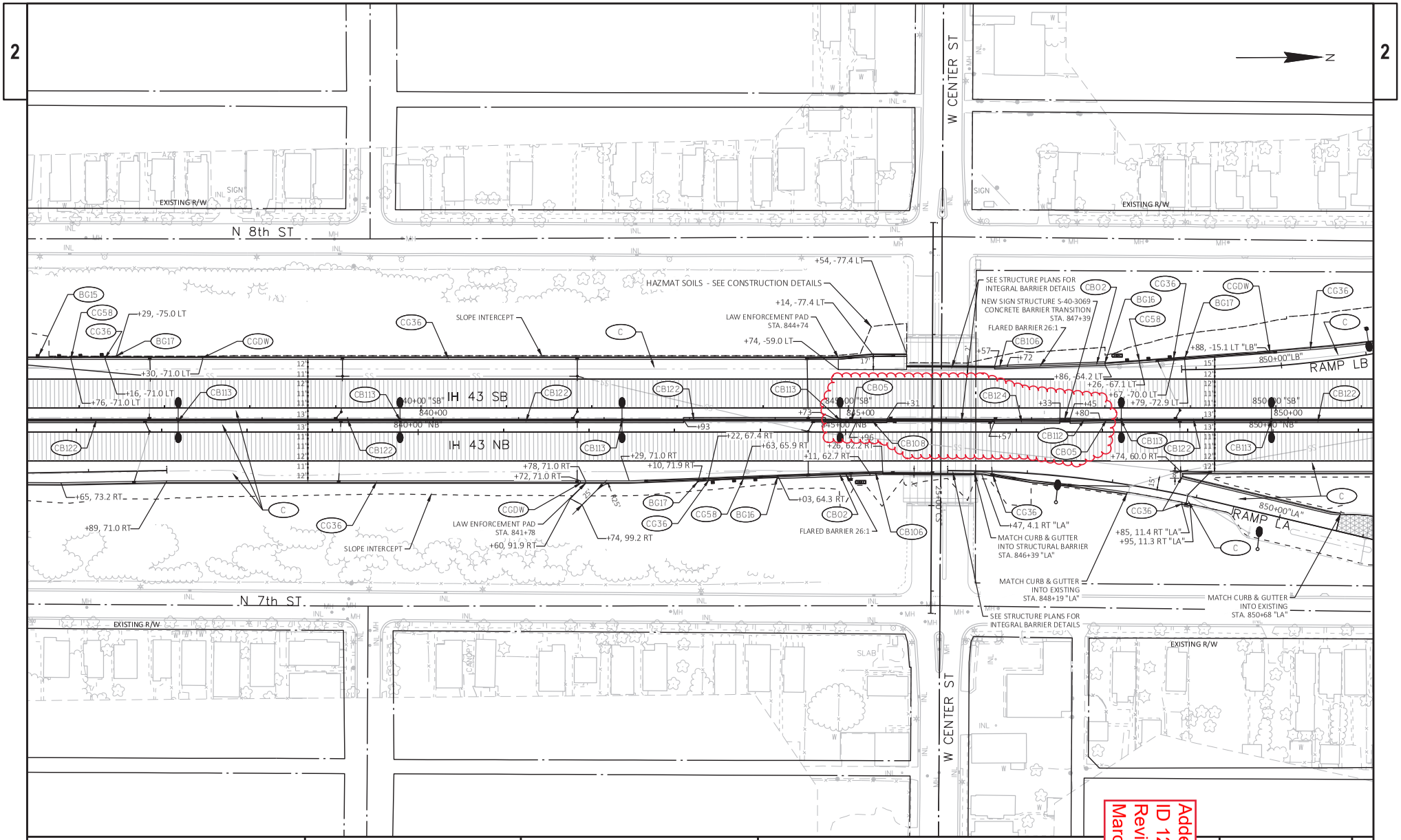


PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 78	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021203_pd
PLOT DATE : 2/14/2023 8:45 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

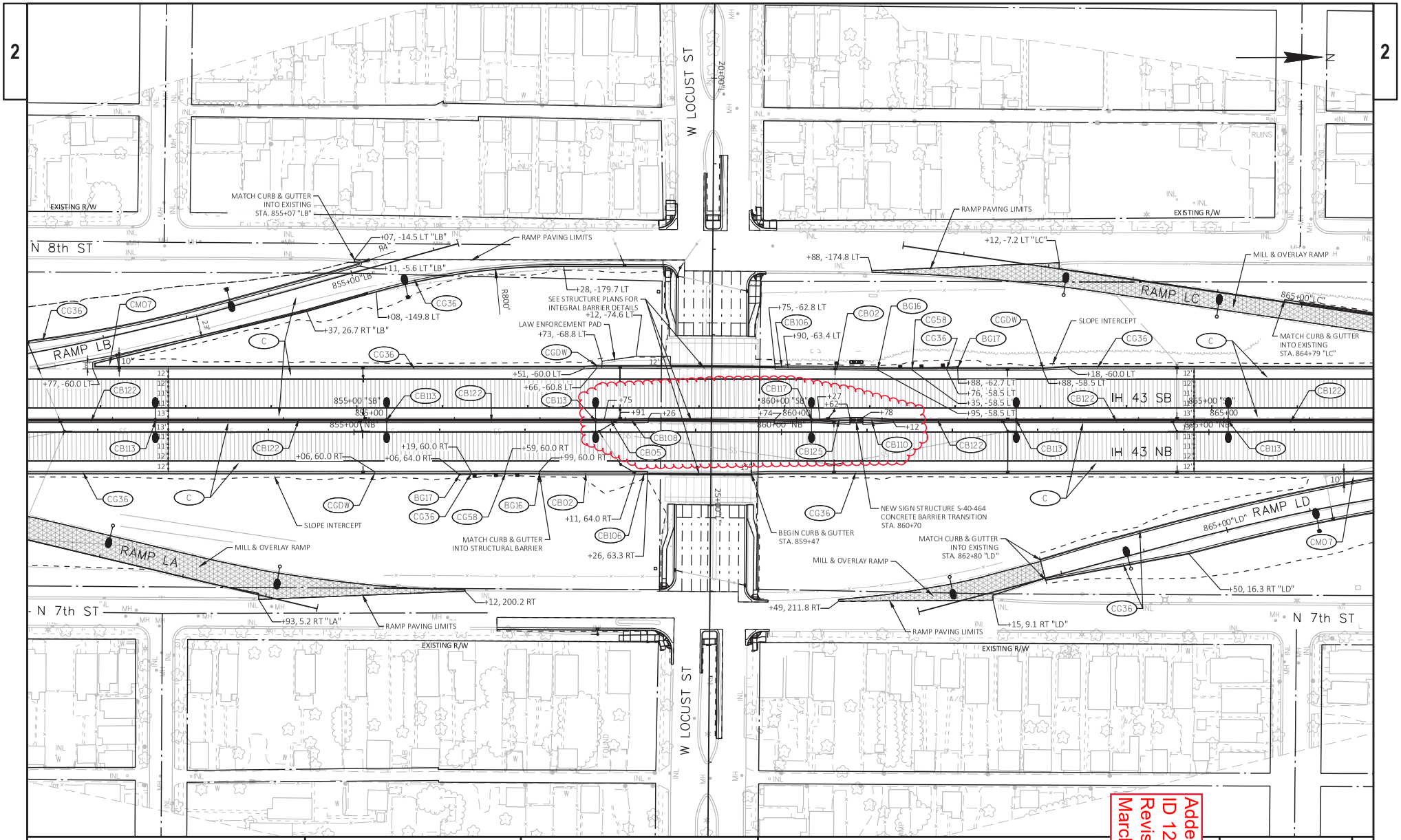
Addendum No. 01
ID 1228-22-70
Revised Sheet 78
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 79	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\1228270\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021204_pd
PLOT DATE : 2/14/2023 8:51 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
WISDOT/CADDS SHEET 42

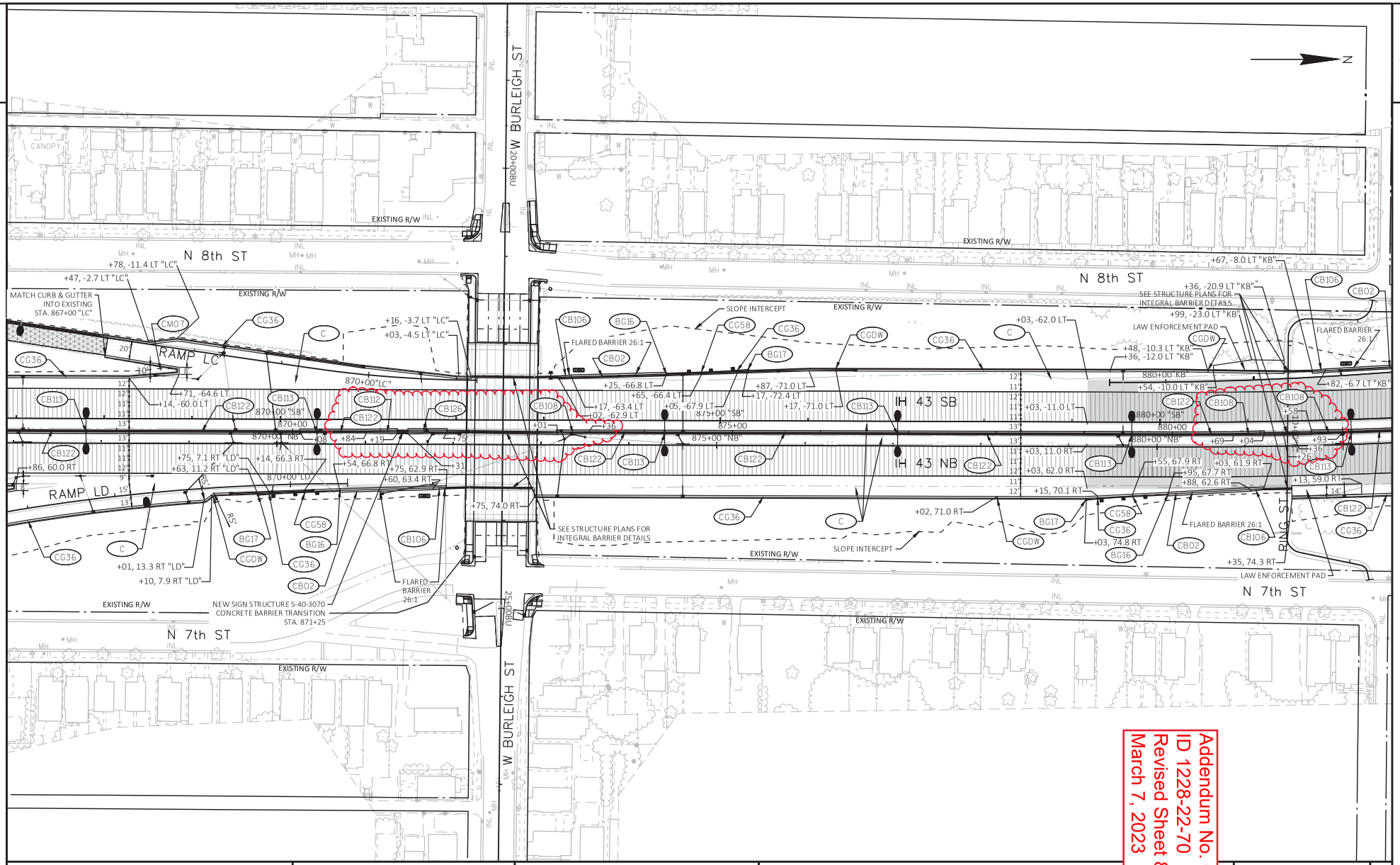
Addendum No. 01
ID 1228-22-70
Revised Sheet 79
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 80	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021205_pd
PLOT DATE : 2/14/2023 8:57 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT
WISDOT/CADDS SHEET 42

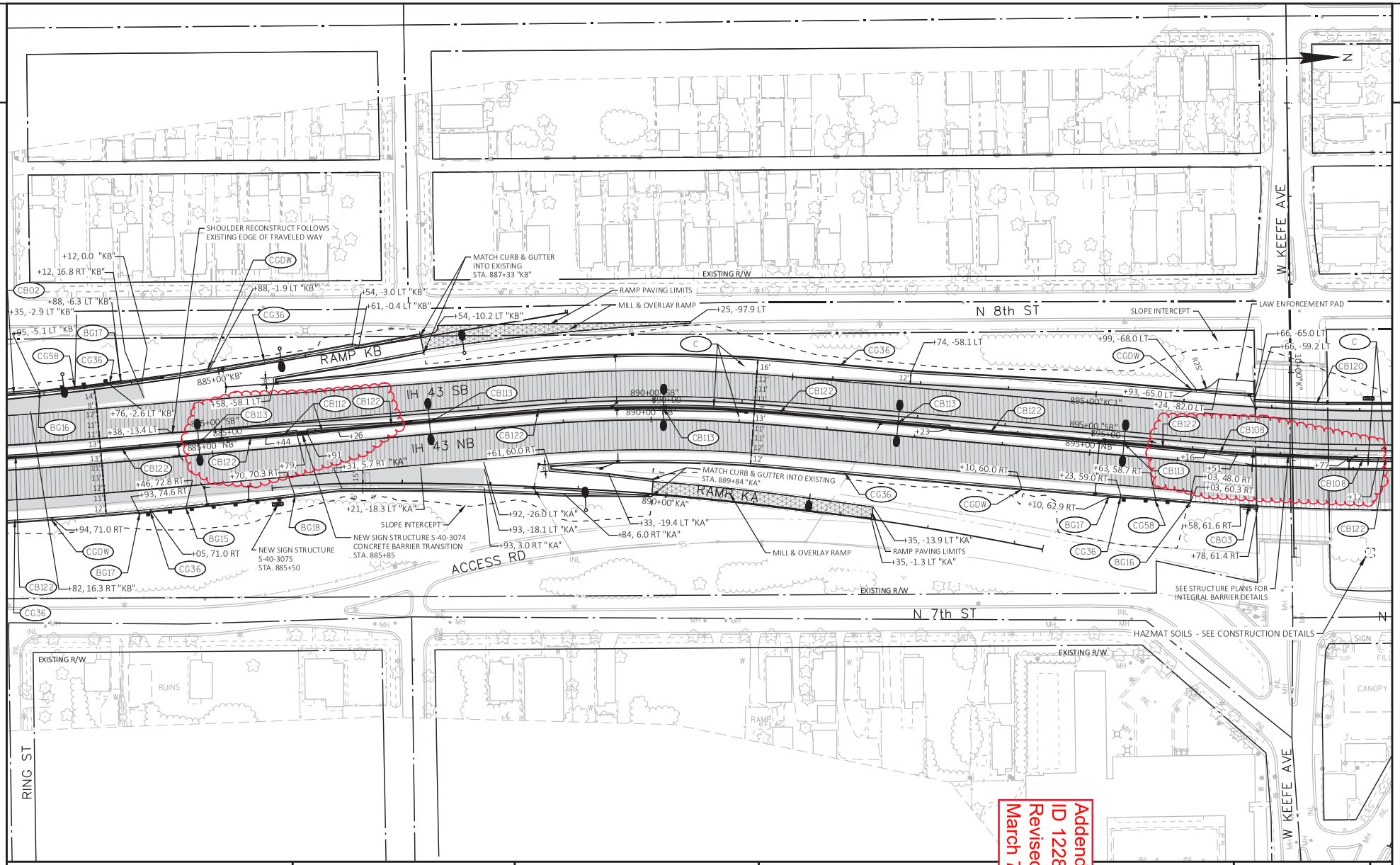
Addendum No. 01
ID 1228-22-70
Revised Sheet 80
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 81	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021206_pd
PLOT DATE : 2/8/2023 7:45 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT

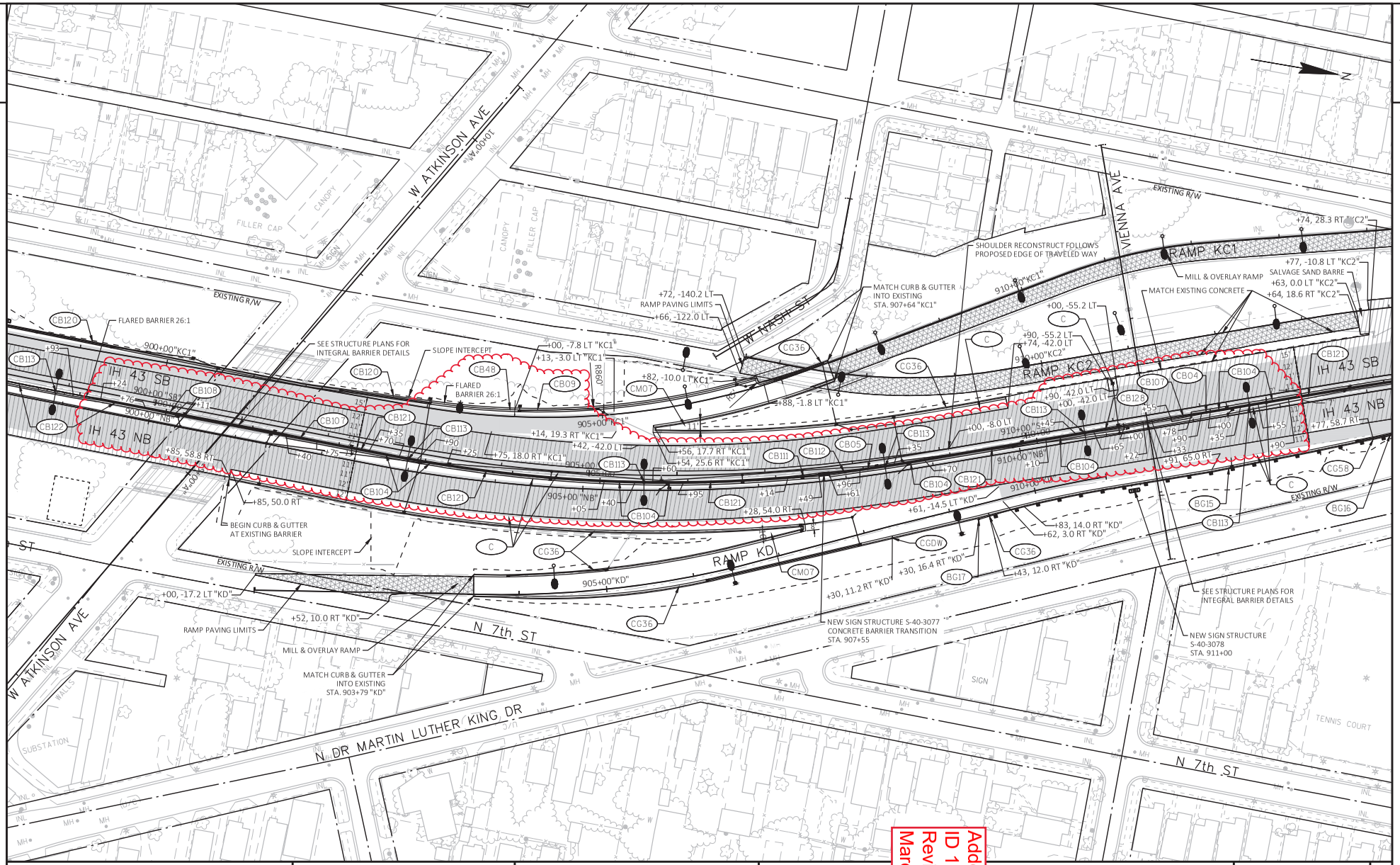
WISDOT/CADDS SHEET 42



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 82	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021207_pd
PLOT DATE : 2/14/2023 9:03 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 82
March 7, 2023



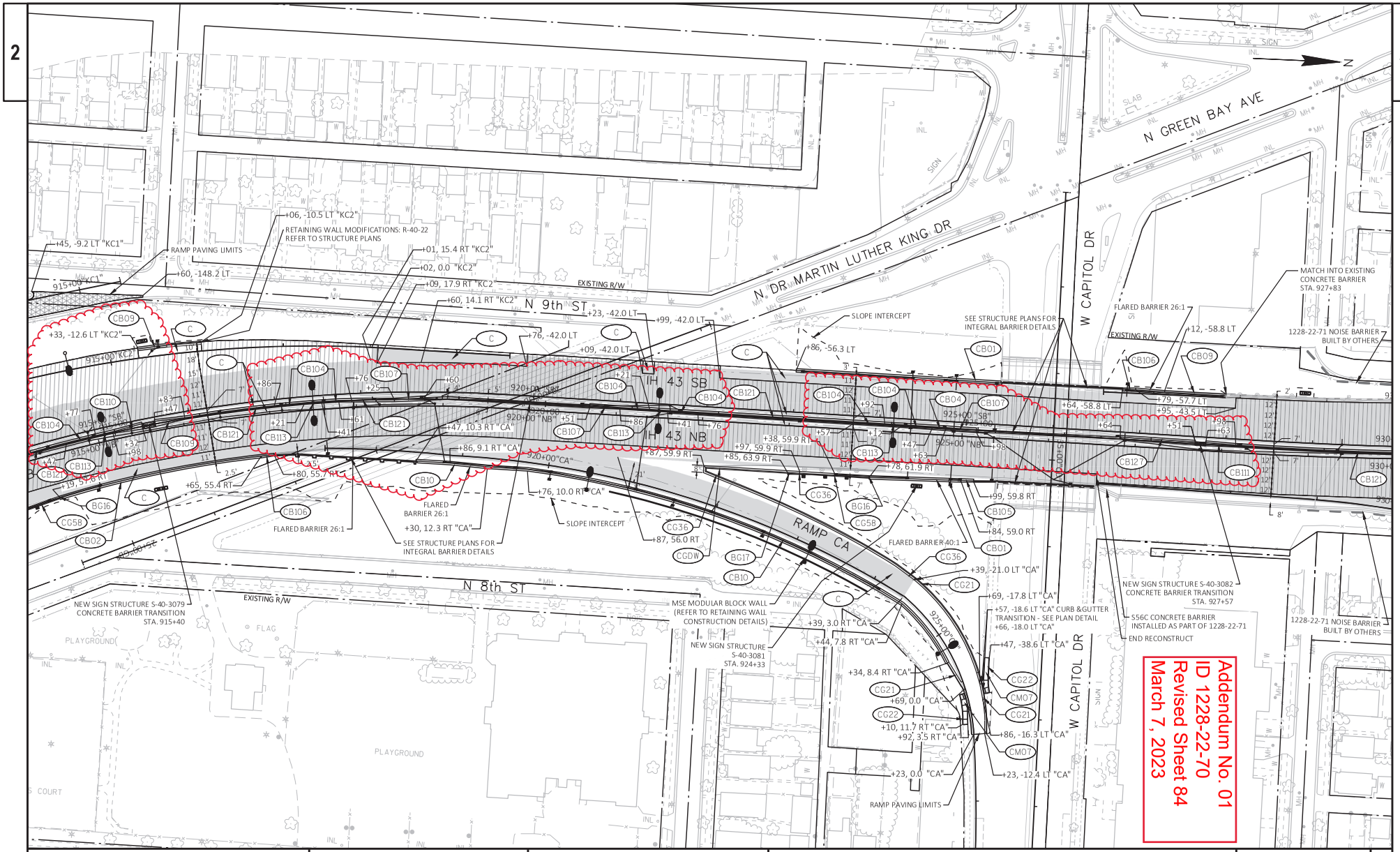
PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 83	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021208_pd

PLOT DATE : 2/14/2023 10:03 AM PLOT BY : JOHANSEN PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

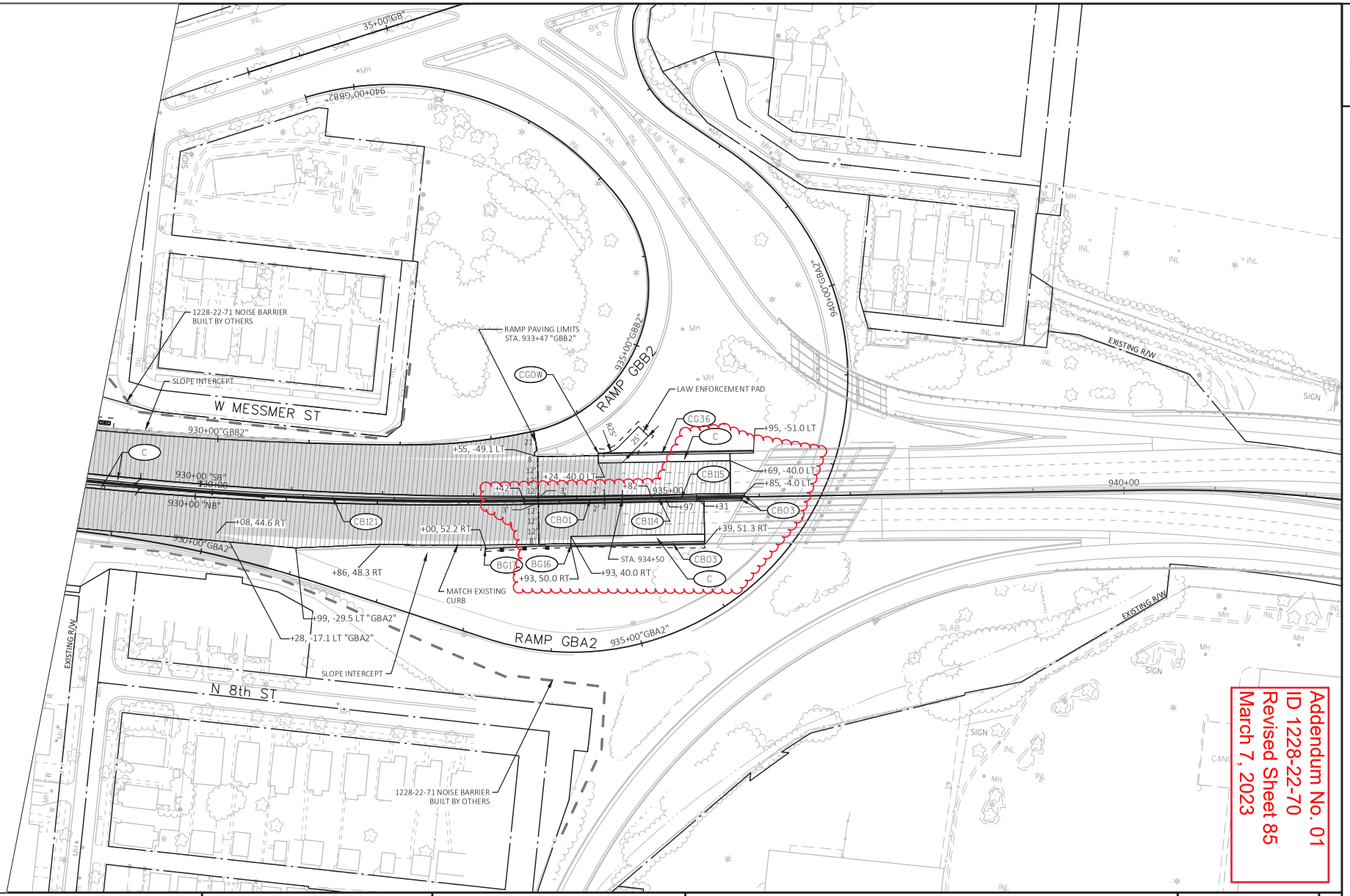
Addendum No. 01
ID 1228-22-70
Revised Sheet 83
March 7, 2023



Addendum No. 01
ID 1228-22-70
Revised Sheet 84
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 84	E

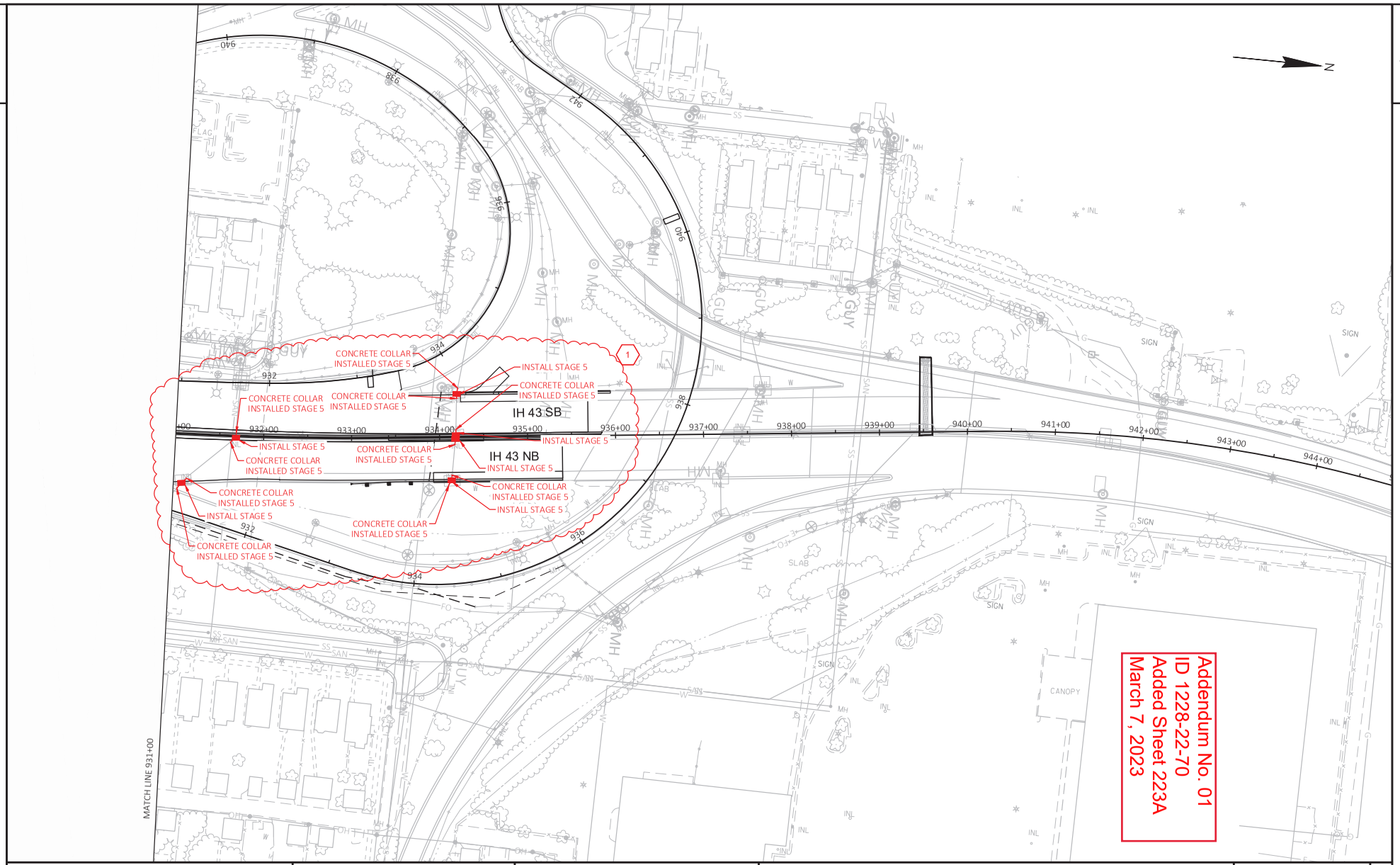
FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021209_pd
PLOT DATE : 2/14/2023 11:03 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



Addendum No. 01
ID 1228-22-70
Revised Sheet 85
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 85	E

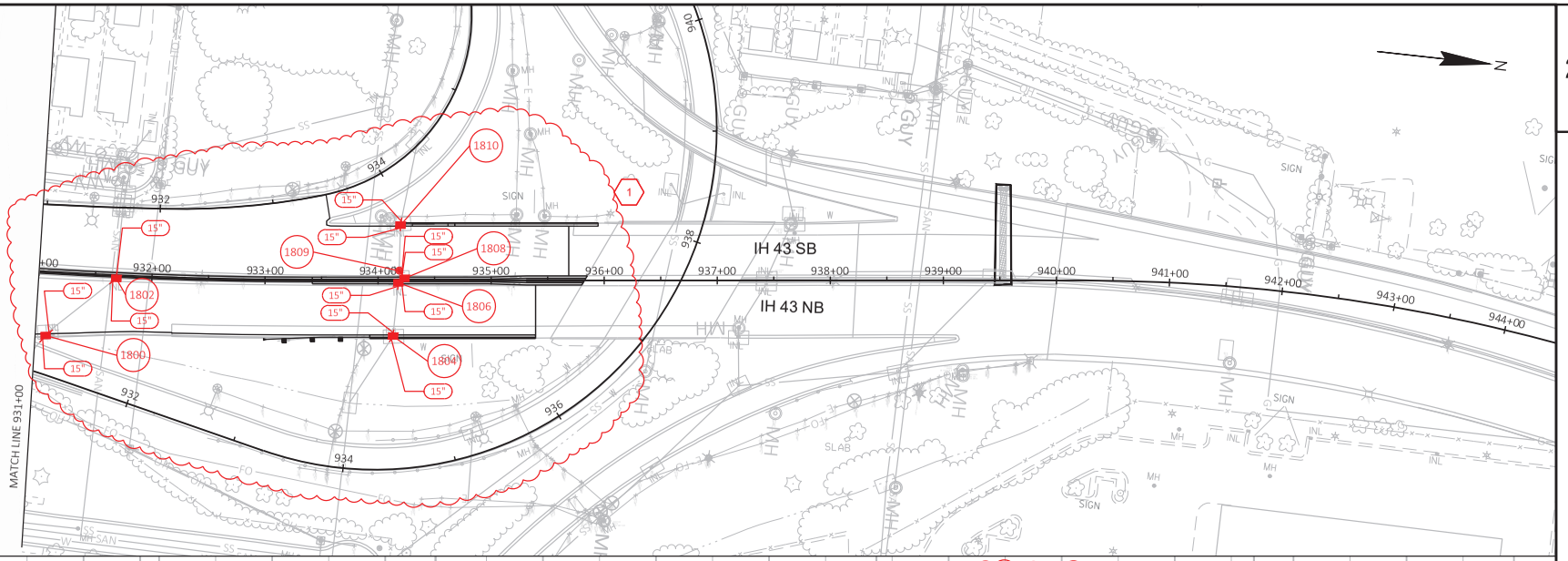
FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021210_pd
PLOT DATE : 2/15/2023 7:36 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

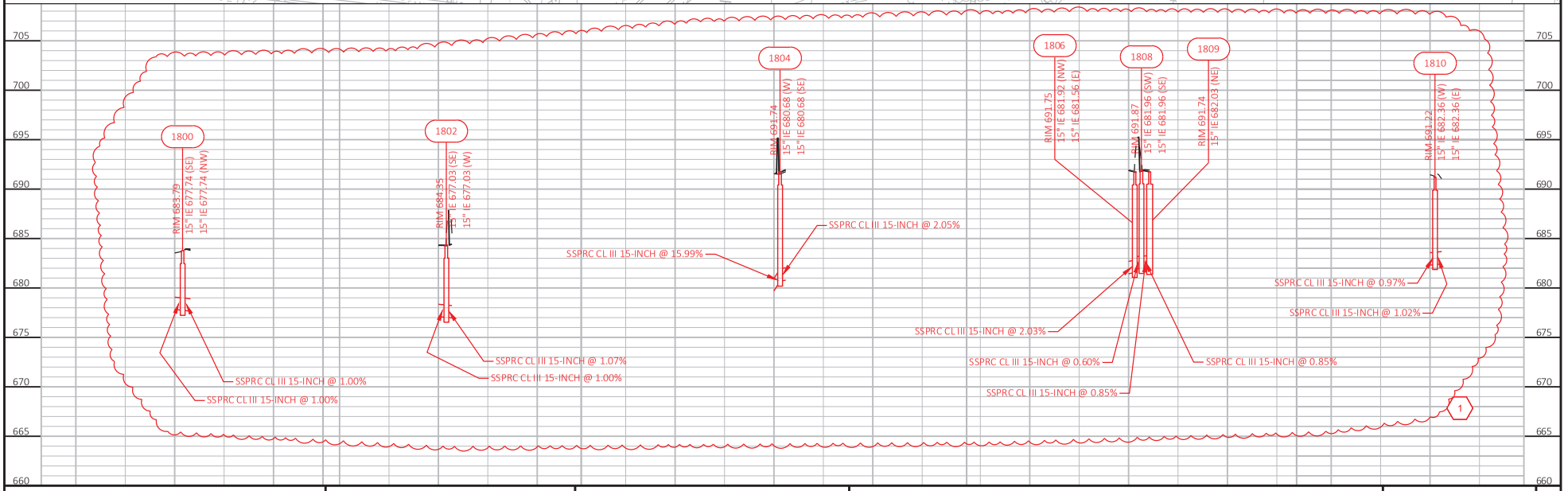


PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	STORM SEWER STAGING PLAN	SHEET 223A	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 022501- (10)
PLOT DATE : 3/1/2023 2:31 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Added Sheet 256A
March 7, 2023





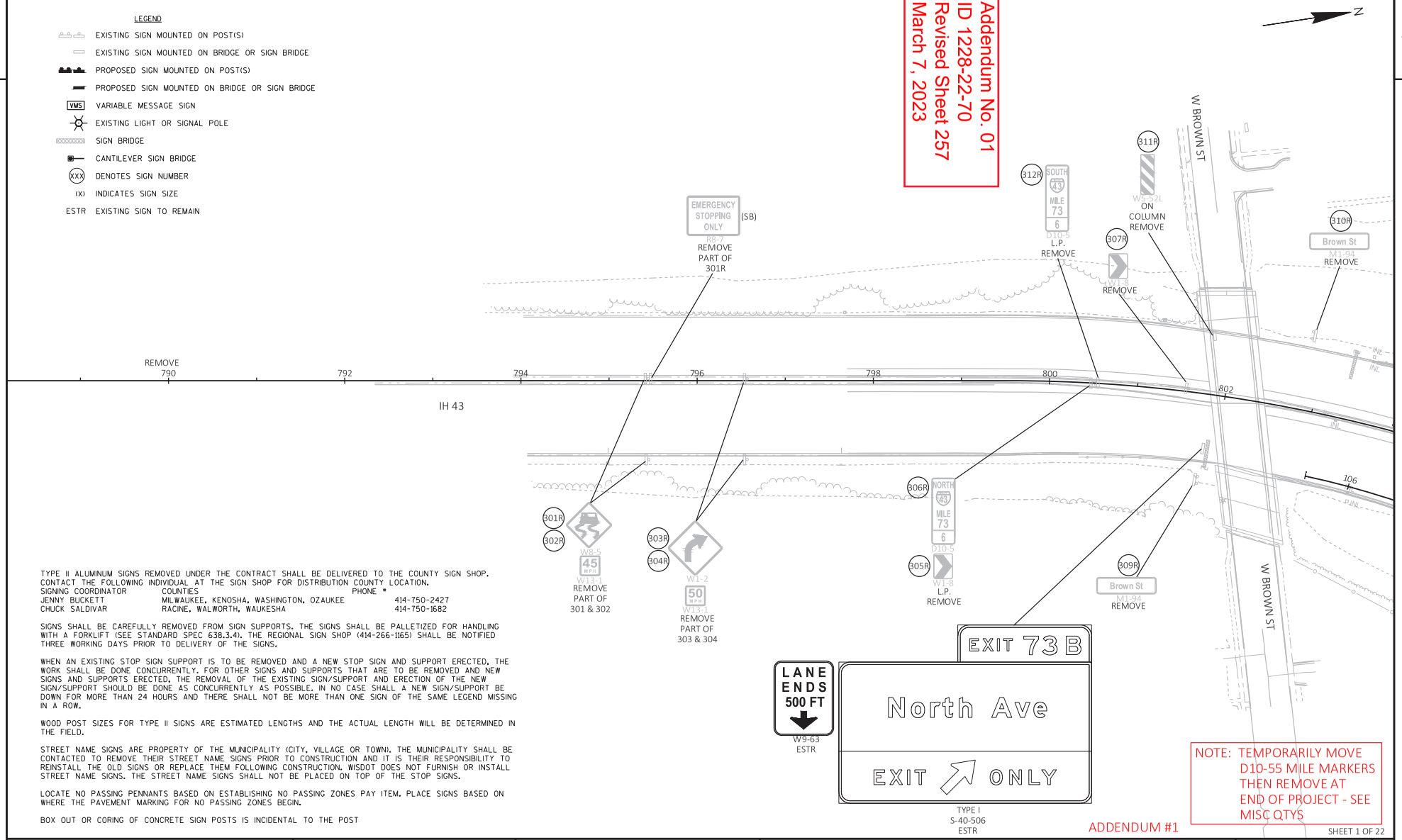
PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	STORM SEWER	SHEET 256A	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\022521_SS.DWG
LAYOUT NAME - SS_10
PLOT DATE : 3/1/2023 4:37 PM
PLOT BY : WALTER A. WOLAK II
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Revised Sheet 257
March 7, 2023

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



NOTE: TEMPORARILY MOVE D10-55 MILE MARKERS THEN REMOVE AT END OF PROJECT - SEE MISC QTYS

TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.

SIGNING COORDINATOR	COUNTIES	PHONE #
JENNY BUCKETT	MILWAUKEE, KENOSHA, WASHINGTON, OZAUKEE	414-750-2427
CHUCK SALDIVAR	RACINE, WALWORTH, WAUKESHA	414-750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (414-266-1165) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POST SIZES FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

LOCATE NO PASSING PENNANTS BASED ON ESTABLISHING NO PASSING ZONES PAY ITEM. PLACE SIGNS BASED ON WHERE THE PAVEMENT MARKING FOR NO PASSING ZONES BEGIN.

BOX OUT OR CORING OF CONCRETE SIGN POSTS IS INCIDENTAL TO THE POST

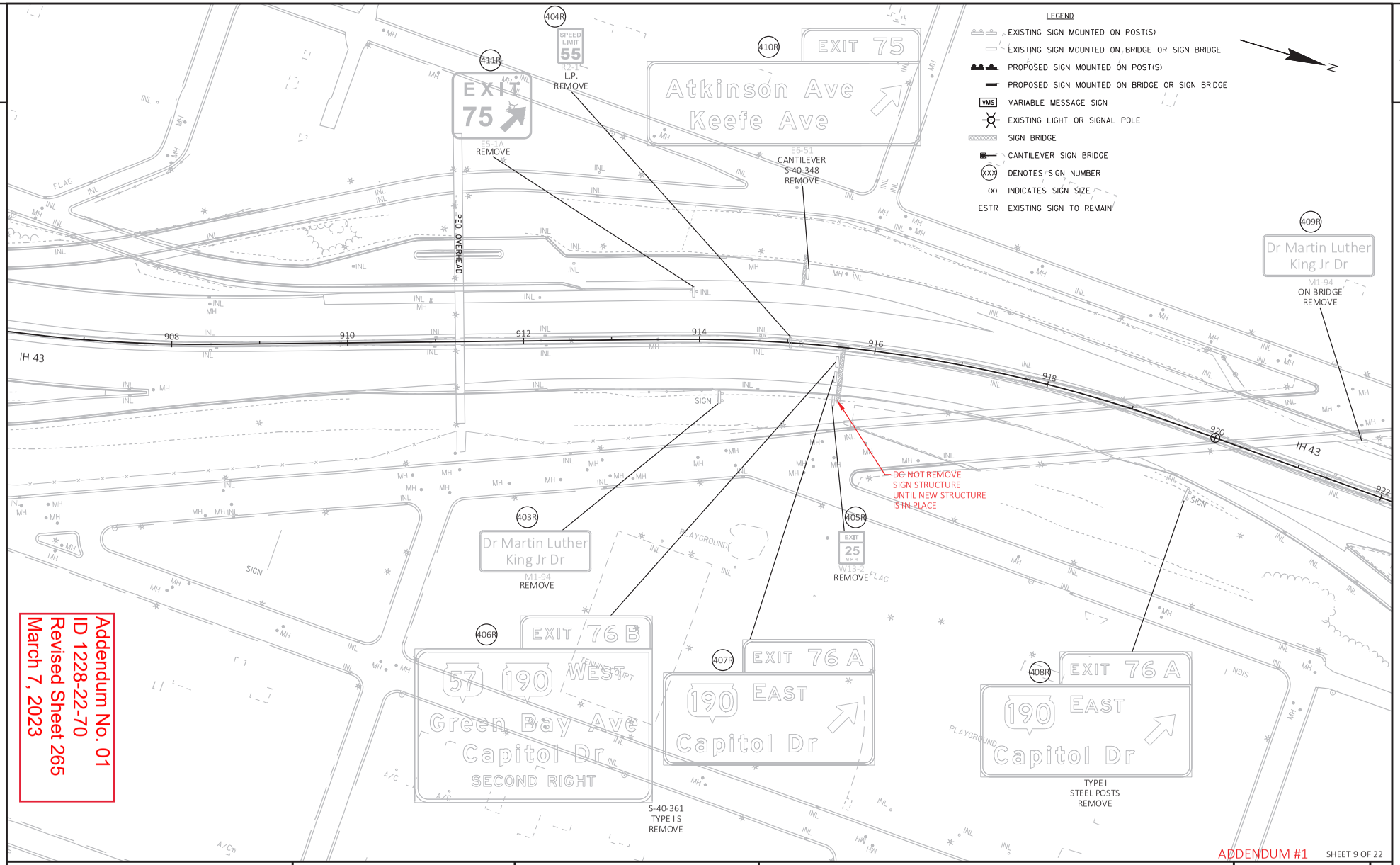
ADDENDUM #1

SHEET 1 OF 22

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	SIGNING REMOVAL PLAN	SHEET 257	E

FILE NAME : N:\PDS\C3D\CAD\12282200\70\SIGN\023101_PSML_18.DWG
LAYOUT NAME - 023101_PS
PLOT DATE : 2/23/2023 12:47 PM
PLOT BY : WAGNER, SCOTT H
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

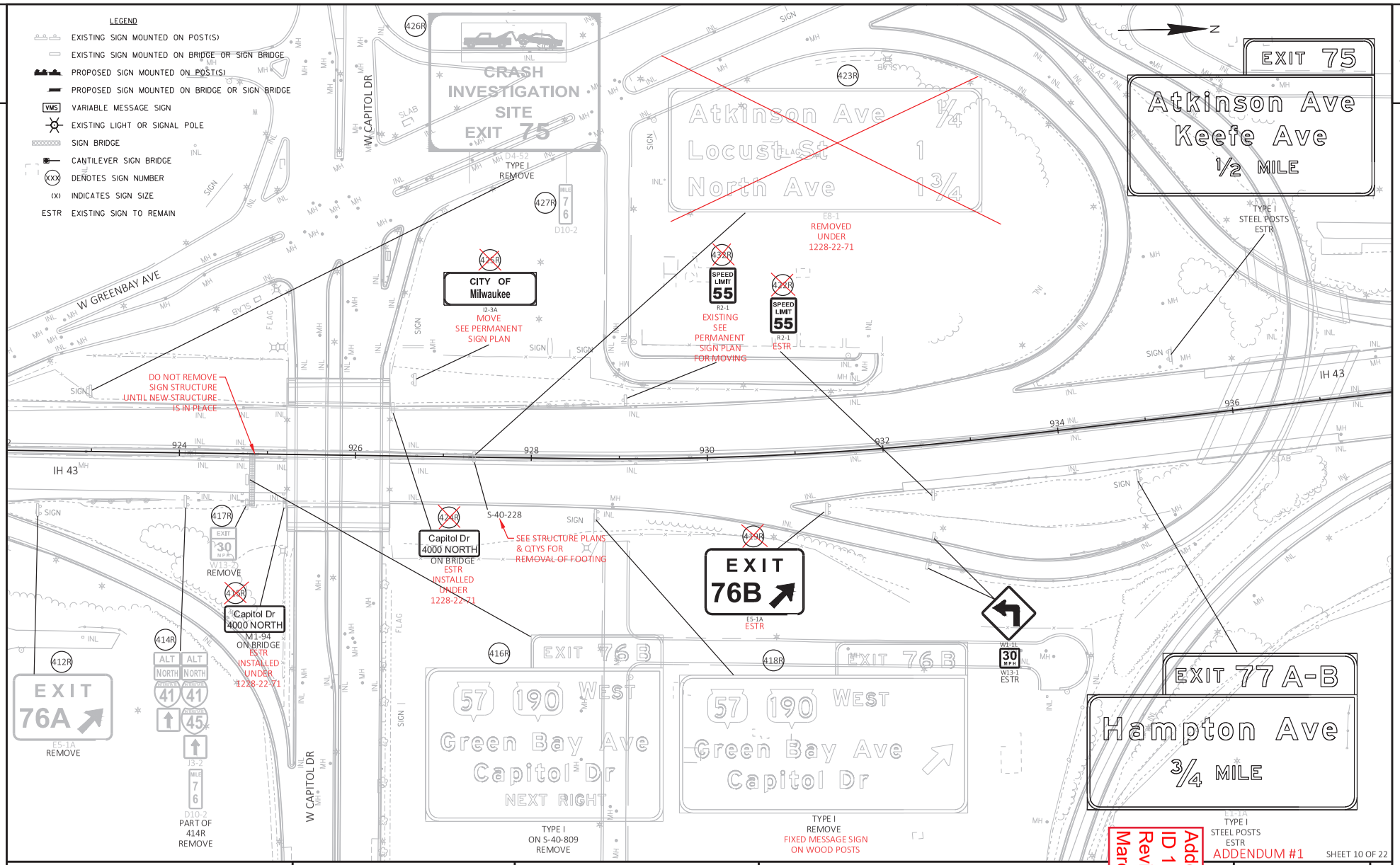


ADDENDUM #1 SHEET 9 OF 22

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	SIGNING REMOVAL PLAN	SHEET 265	E

FILE NAME : N:\PDS\C3D\CAD\12282200\70\SIGN\023101_PSML_18.DWG
LAYOUT NAME - 023109_PS
PLOT DATE : 2/23/2023 10:07 AM
PLOT BY : WAGNER, SCOTT H
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

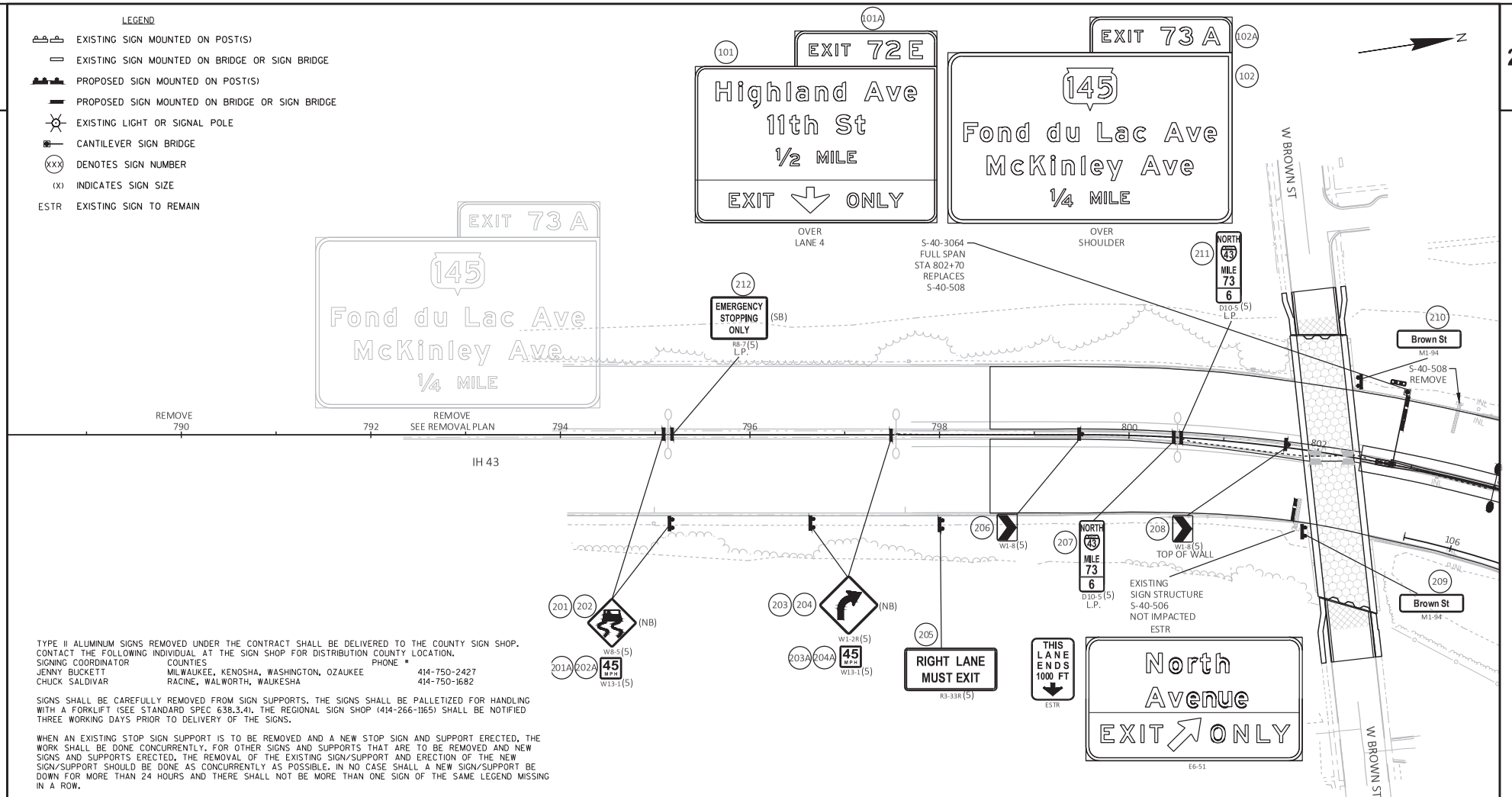


PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	SIGNING REMOVAL PLAN	SHEET 266	E

FILE NAME : N:\PDS\C3D\CAD\1228200\70\SIGN\023101_PSML_18.DWG
LAYOUT NAME - 023110_PS
PLOT DATE : 2/23/2023 1:12 PM
PLOT BY : WAGNER, SCOTT H
PLOT NAME :

WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 266
March 7, 2023



TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.

SIGNING COORDINATOR	COUNTIES	PHONE #
JENNY BUCKETT	MILWAUKEE, KENOSHA, WASHINGTON, OZAUKEE	414-750-2427
CHUCK SALDIVAR	RACINE, WALWORTH, WAUKESHA	414-750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (414-266-1165) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POST SIZES FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

LOCATE NO PASSING PENNANTS BASED ON ESTABLISHING NO PASSING ZONES PAY ITEM. PLACE SIGNS BASED ON WHERE THE PAVEMENT MARKING FOR NO PASSING ZONES BEGIN.

BOX OUT OR CORING OF CONCRETE SIGN POSTS IS INCIDENTAL TO THE POST

Addendum No. 01
ID 1228-22-70
Revised Sheet 279
March 7, 2023

NOTE: TEMPORARILY MOVE D10-55 MILE MARKERS SEE MISC QTYS

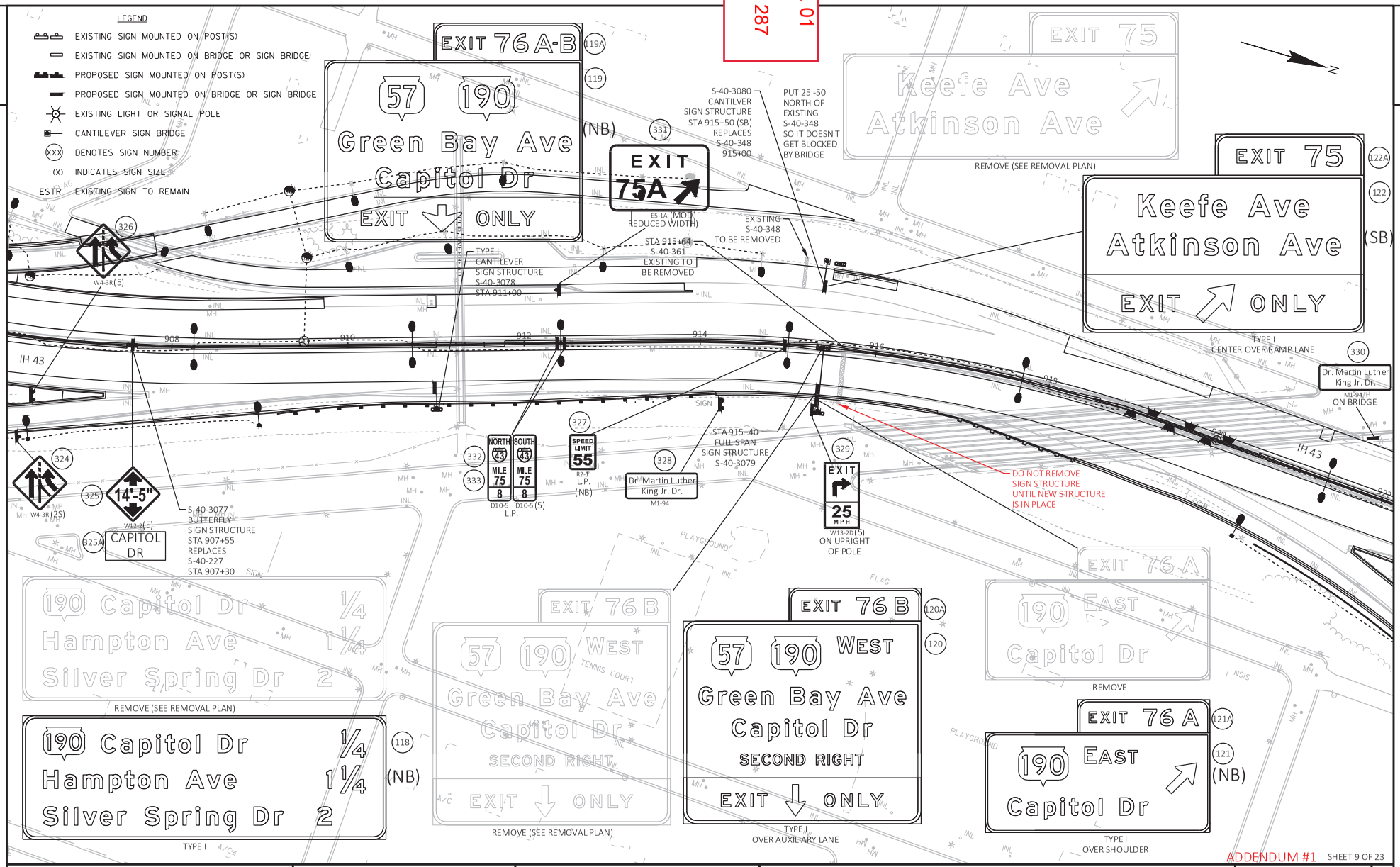
ADDENDUM #1

SHEET 1 OF 23

PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	PERMANENT SIGNING PLAN	SHEET 279	E

FILE NAME : N:\PDS\C3D\CAD\12282200\70\SIGN\023201_PS_18_ML.DWG
LAYOUT NAME - 023201_PS
PLOT DATE : 2/22/2023 3:03 PM
PLOT BY : WAGNER, SCOTT H
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

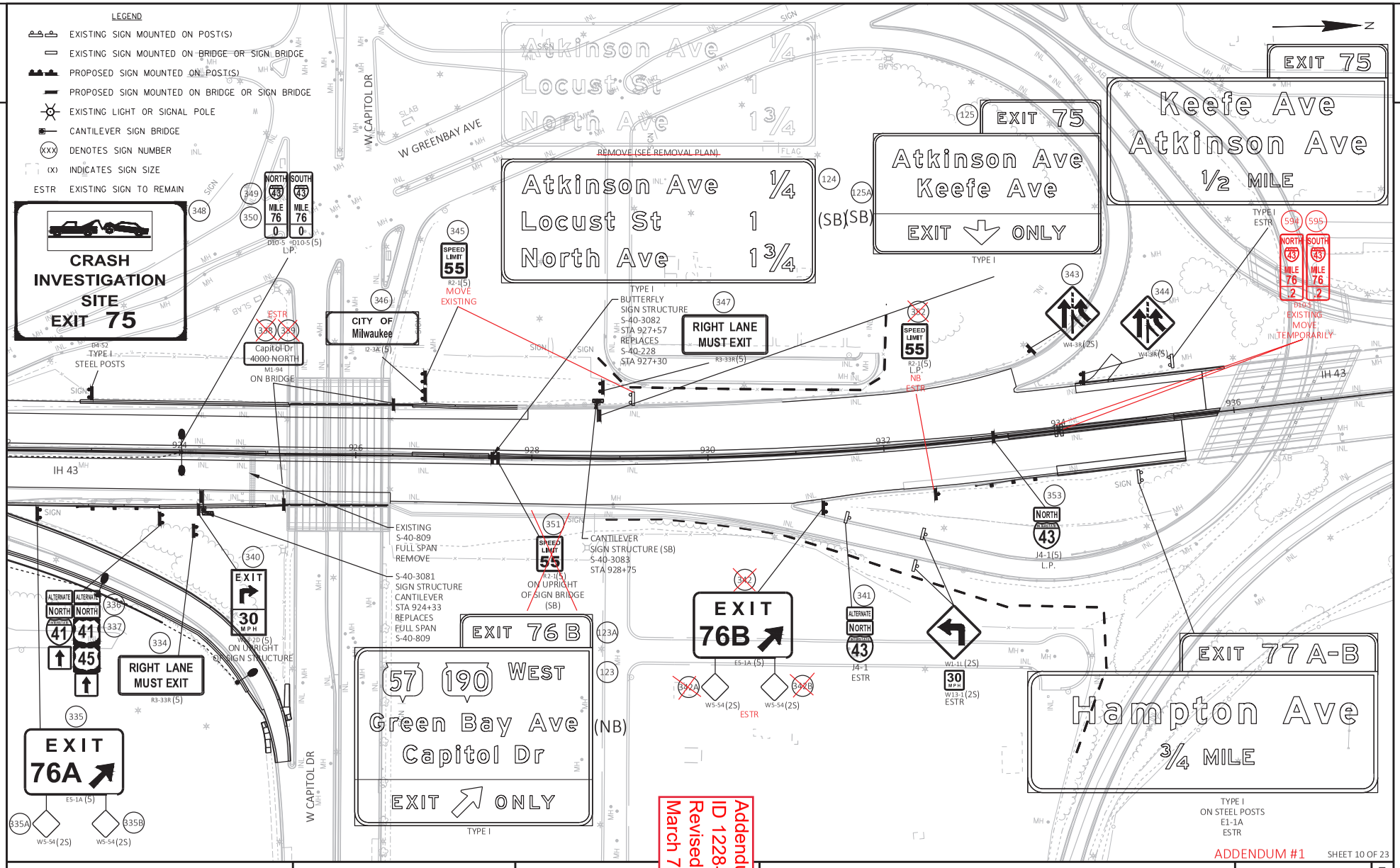
Addendum No. 01
ID 1228-22-70
Revised Sheet 287
March 7, 2023



ADDENDUM #1 SHEET 9 OF 23

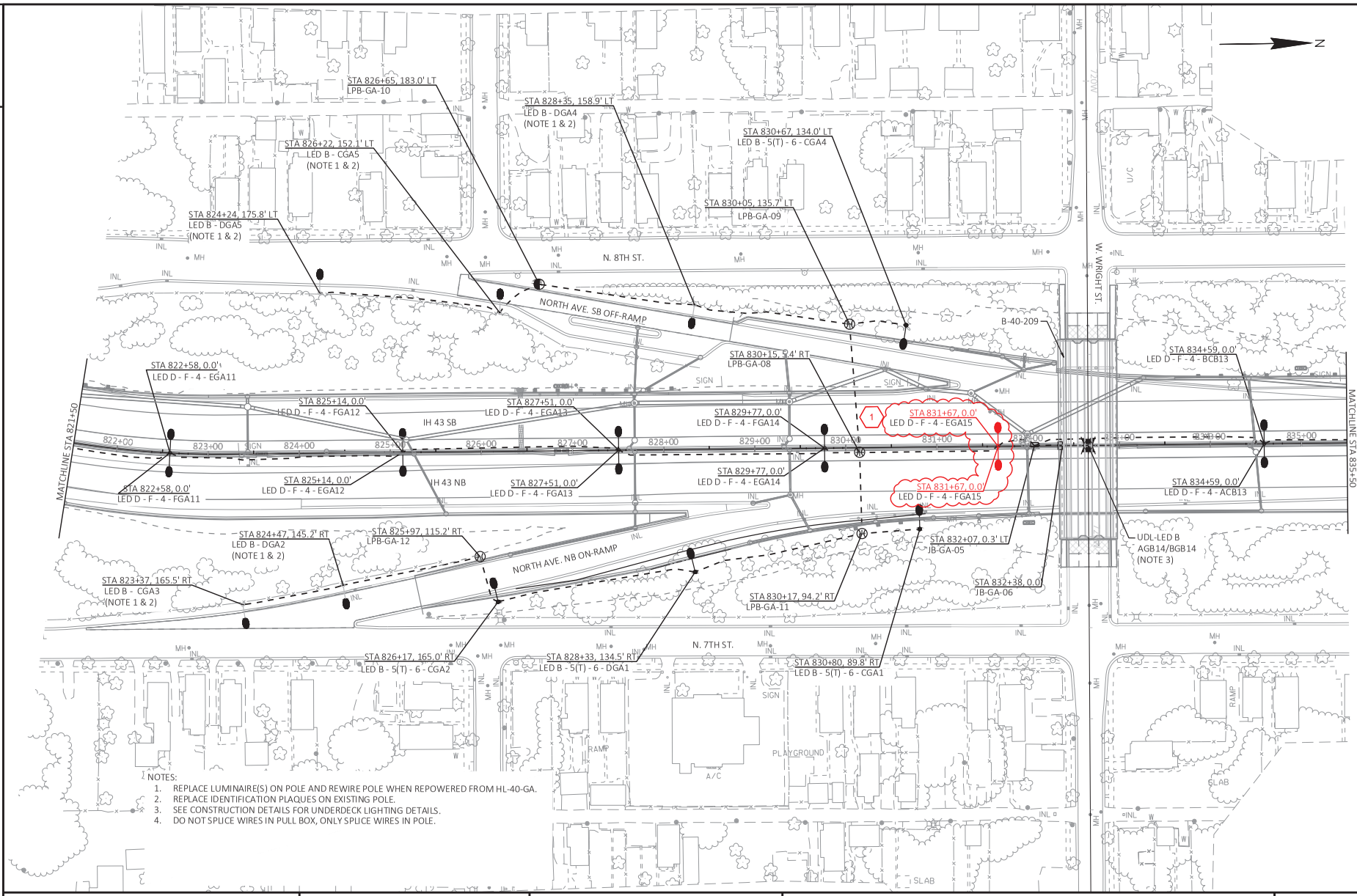
PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	PERMANENT SIGNING PLAN	SHEET 287	E

FILE NAME : N:\PDS\C3D\CAD\12282200\70\SIGN\023201_PS_18_ML.DWG
LAYOUT NAME - 023209_PS
PLOT DATE : 2/23/2023 11:18 AM
PLOT BY : WAGNER, SCOTT H
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1228-22-70	HWY: IH-43	COUNTY: MILWAUKEE	PERMANENT SIGNING PLAN	SHEET 288	E

FILE NAME : N:\PDS\C3D\CAD\12282200\70\SIGN\023201_PS_18_ML.DWG
LAYOUT NAME - 023210_PS
PLOT BY : WAGNER, SCOTT H
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

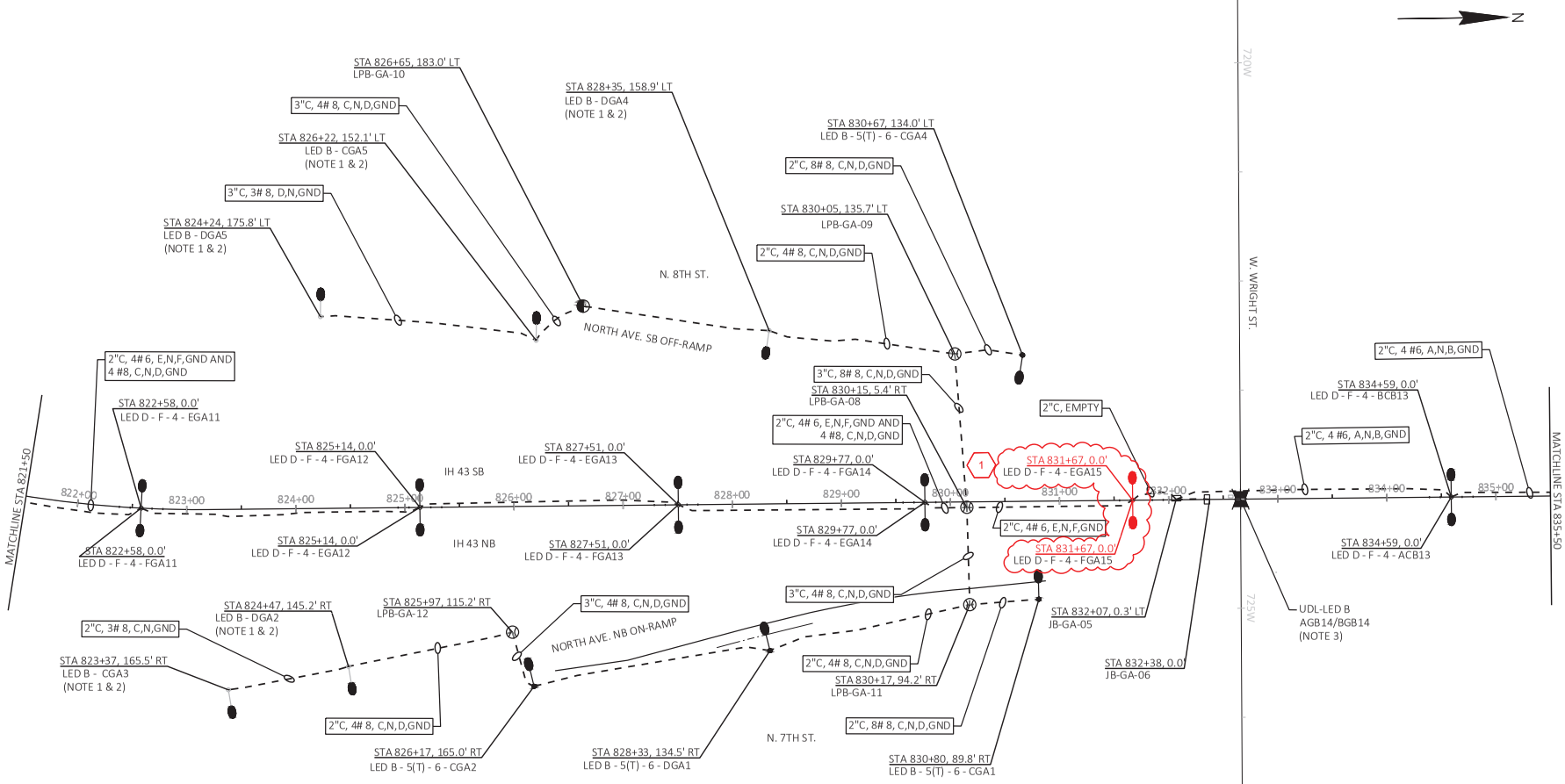


NOTES:
1. REPLACE LUMINAIRE(S) ON POLE AND REWIRE POLE WHEN REPOWERED FROM HL-40-GA.
2. REPLACE IDENTIFICATION PLAQUES ON EXISTING POLE.
3. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
4. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 336
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - FINAL	SHEET 336	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025003_LP
PLOT DATE : 3/1/2023 3:24 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

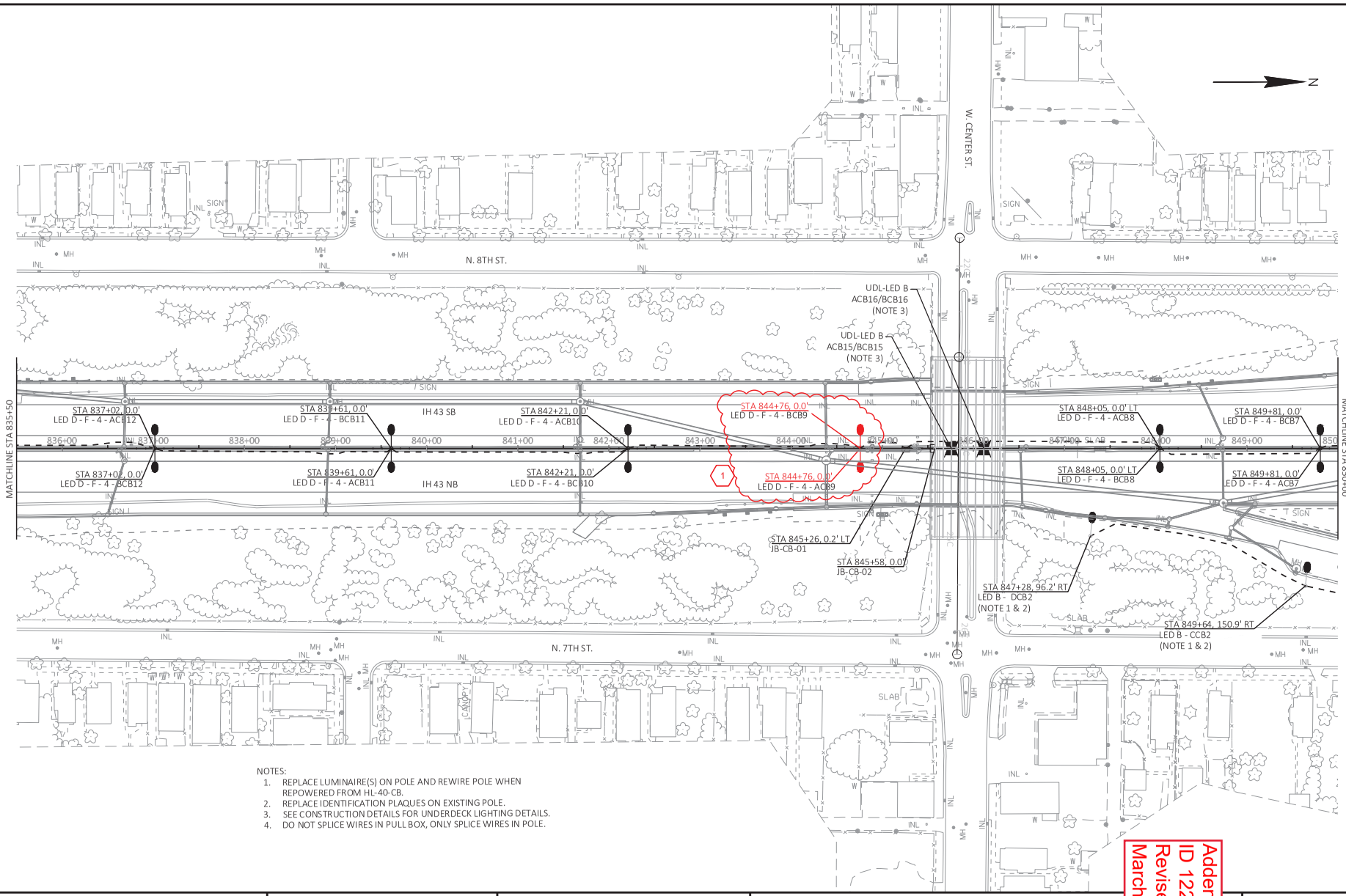


NOTES:
1. REPLACE LUMINAIRE(S) ON POLE AND REWIRE POLE WHEN REPOWERED FROM HL-40-GA.
2. REPLACE IDENTIFICATION PLAQUES ON EXISTING POLE.
3. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
4. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 337
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - SCHEMATIC	SHEET 337	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025003_LP_SCH
PLOT DATE : 3/1/2023 3:24 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



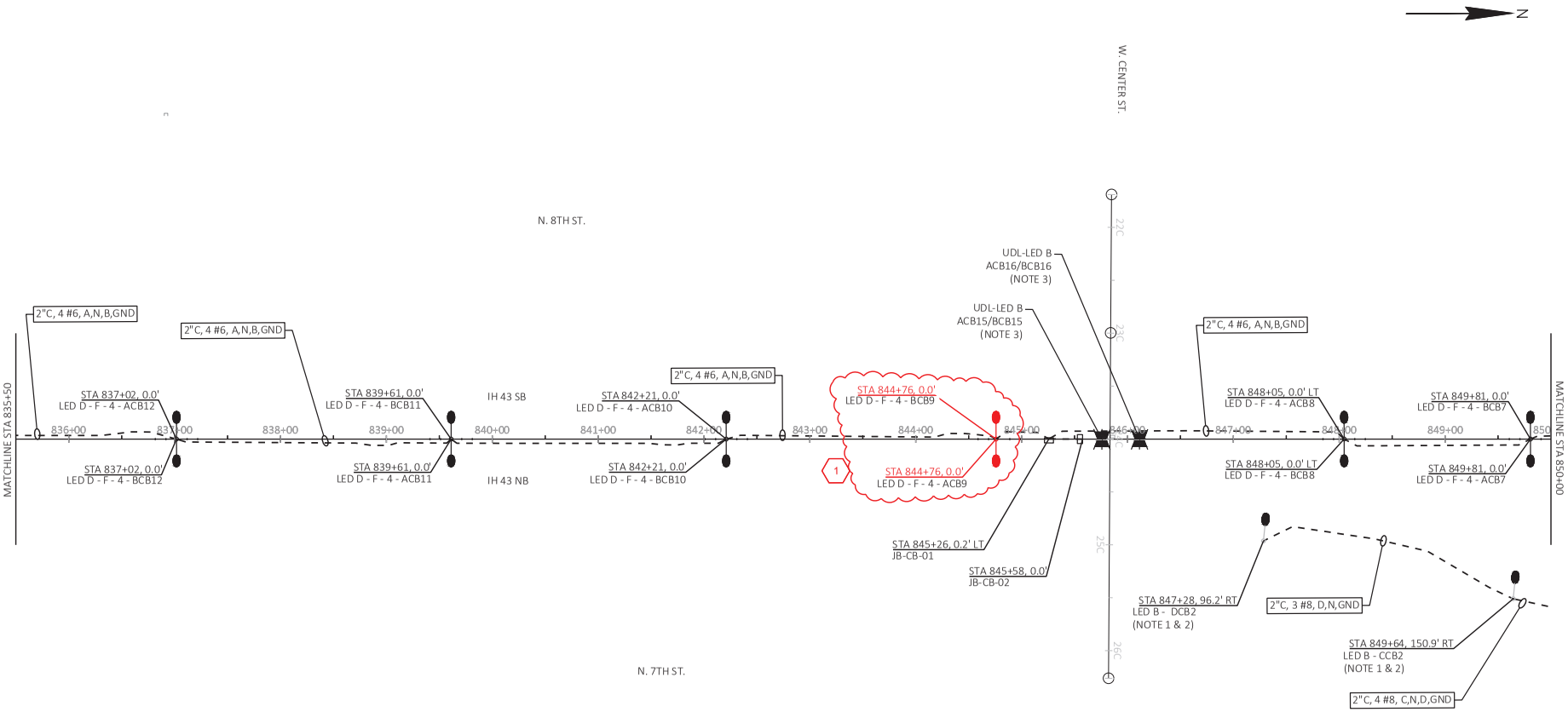
NOTES:

1. REPLACE LUMINAIRE(S) ON POLE AND REWIRE POLE WHEN REPOWERED FROM HL-40-CB.
2. REPLACE IDENTIFICATION PLAQUES ON EXISTING POLE.
3. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
4. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 338
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - FINAL	SHEET 338	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025004_LP
PLOT DATE : 3/1/2023 3:24 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
WISDOT/CADDS SHEET 42



NOTES:

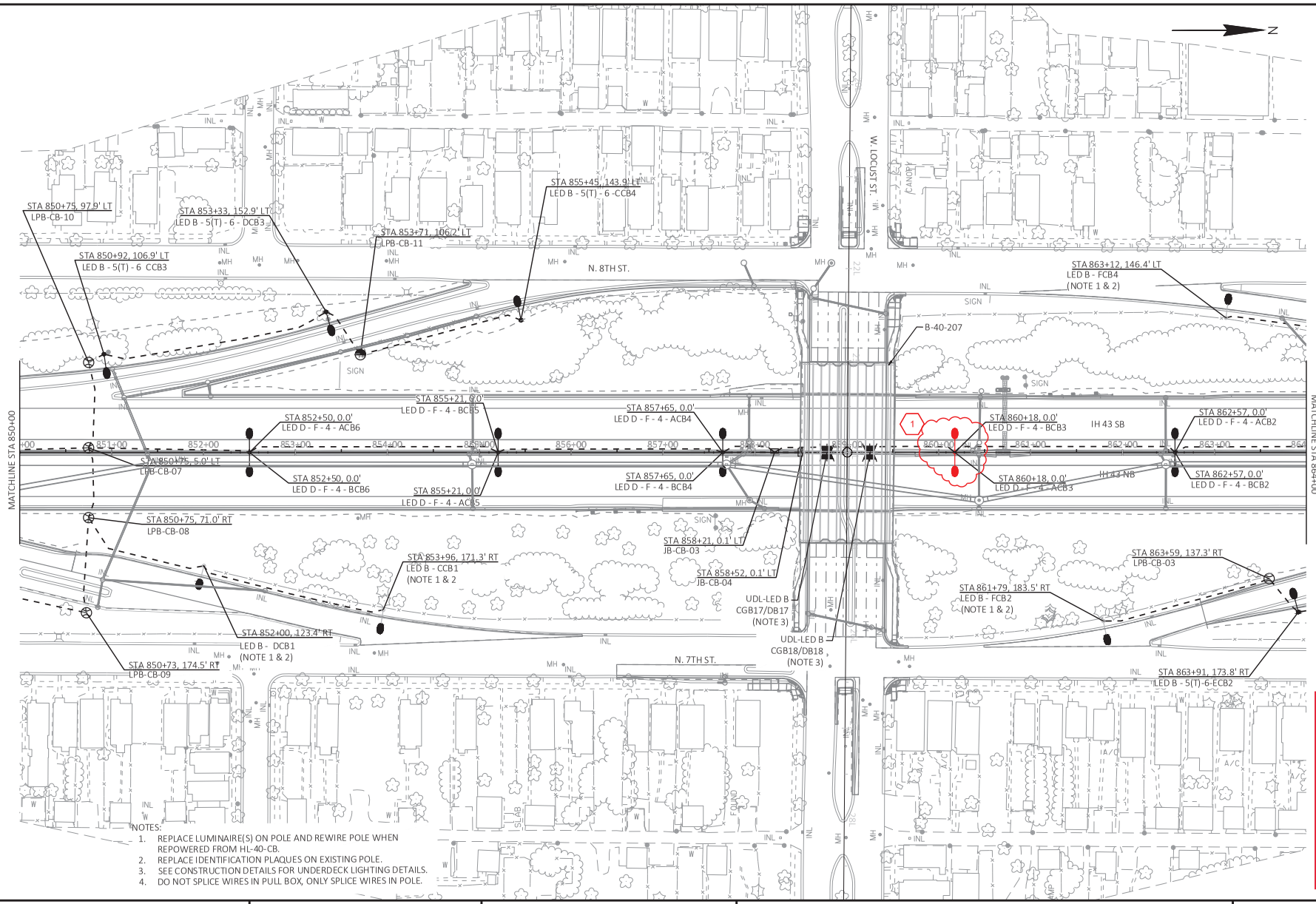
1. REPLACE LUMINAIRE(S) ON POLE AND REWIRE POLE WHEN REPOWERED FROM HL-40-CB.
2. REPLACE IDENTIFICATION PLAQUES ON EXISTING POLE.
3. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
4. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 339
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - SCHEMATIC	SHEET 339	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025004_LP_SCH
PLOT DATE : 3/1/2023 3:25 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT

WISDOT/CADDS SHEET 42

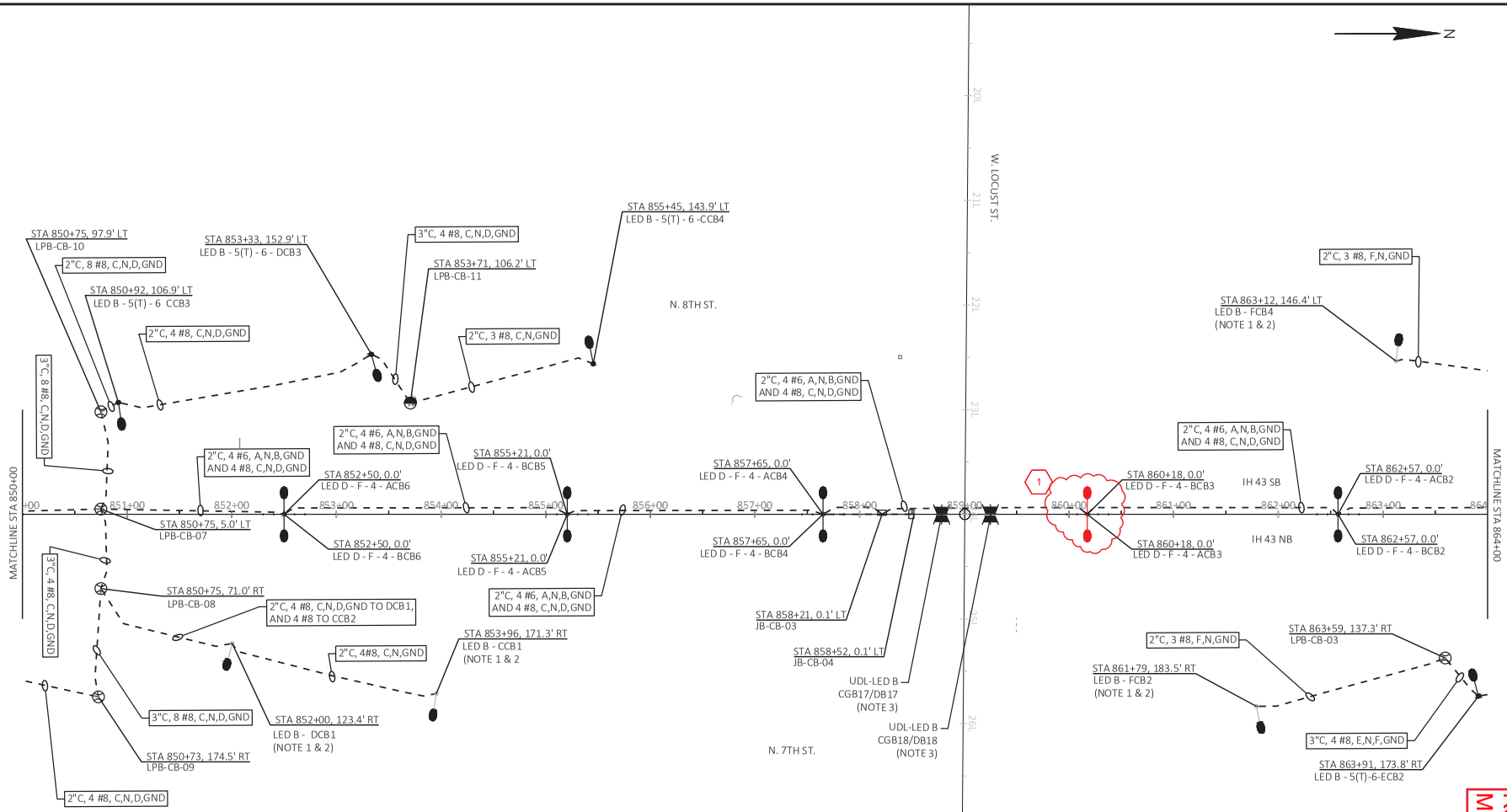


NOTES:
1. REPLACE LUMINAIRE(S) ON POLE AND REWIRE POLE WHEN REPOWERED FROM HL-40-CB.
2. REPLACE IDENTIFICATION PLAQUES ON EXISTING POLE.
3. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
4. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 340
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - FINAL	SHEET 340	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\12282270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025005_LP
PLOT DATE : 3/1/2023 3:25 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

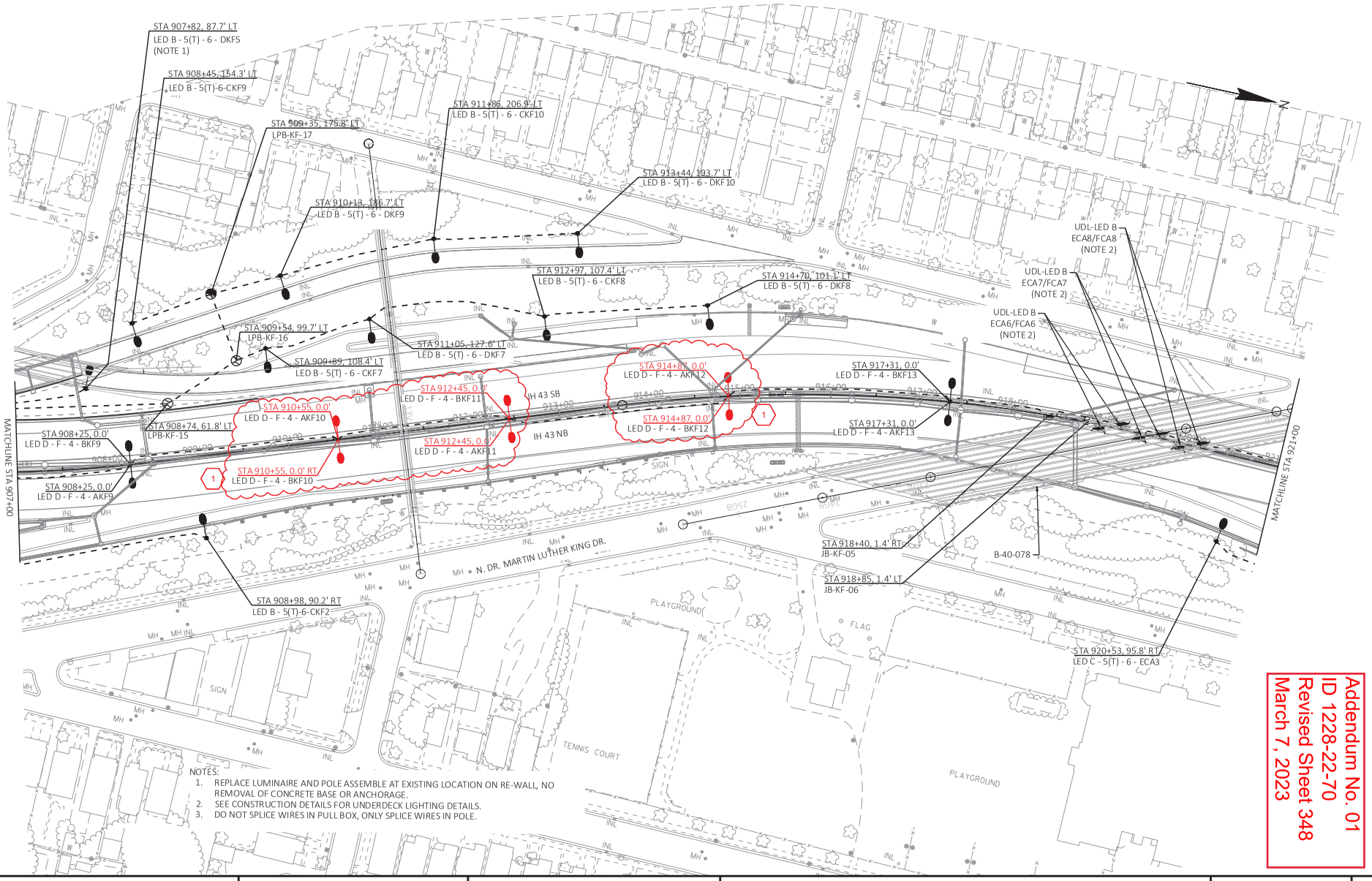


NOTES:
1. REPLACE LUMINAIRE(S) ON POLE AND REWIRE POLE WHEN REPOWERED FROM HL-40-CB.
2. REPLACE IDENTIFICATION PLAQUES ON EXISTING POLE.
3. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
4. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 341
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - SCHEMATIC	SHEET 341	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025005_LP_SCH
PLOT DATE : 3/1/2023 3:25 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



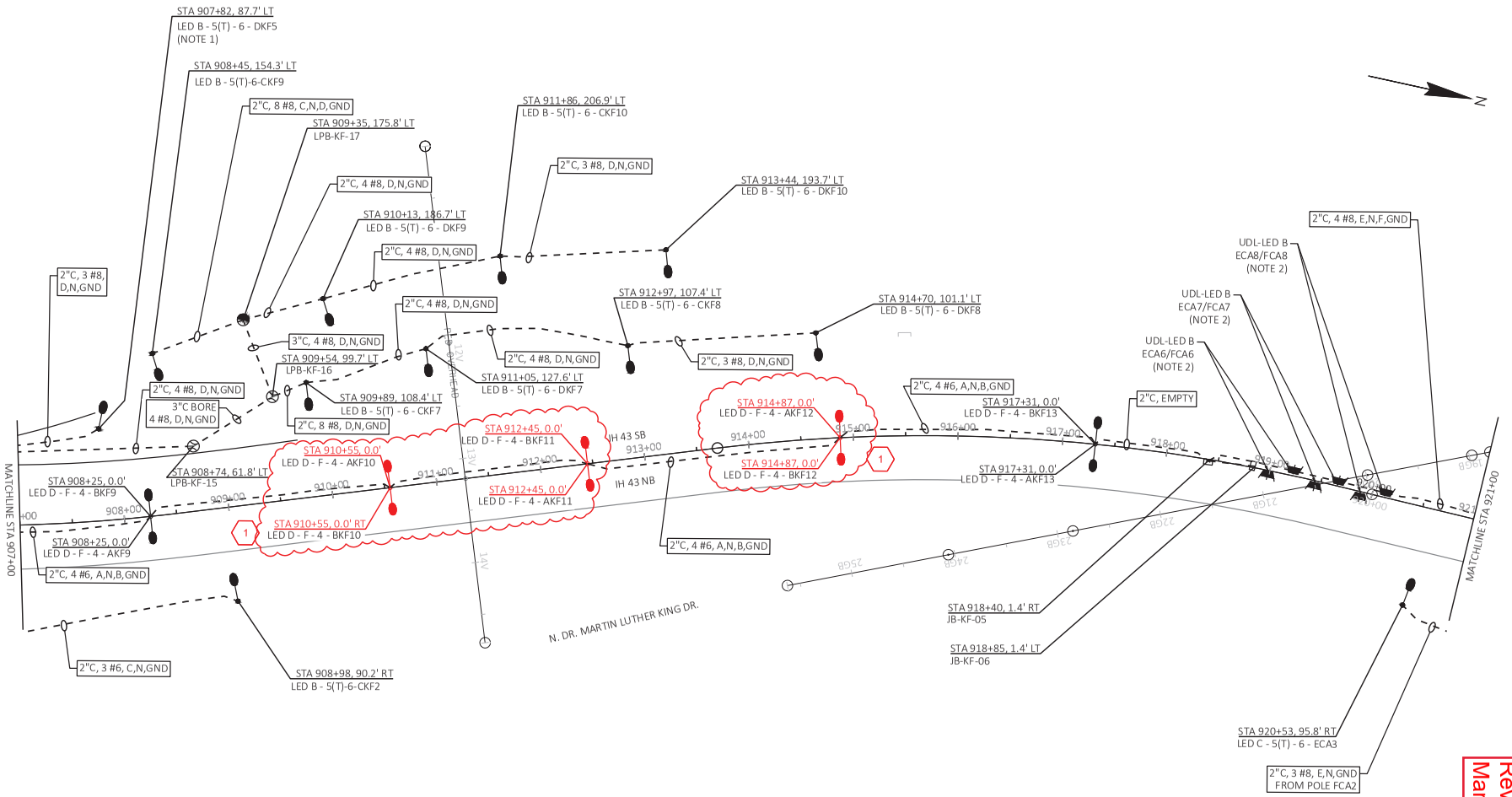
NOTES:

1. REPLACE LUMINAIRE AND POLE ASSEMBLE AT EXISTING LOCATION ON RE-WALL, NO REMOVAL OF CONCRETE BASE OR ANCHORAGE.
2. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
3. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 348
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - FINAL	SHEET 348	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025009_LP
PLOT DATE : 3/1/2023 3:28 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



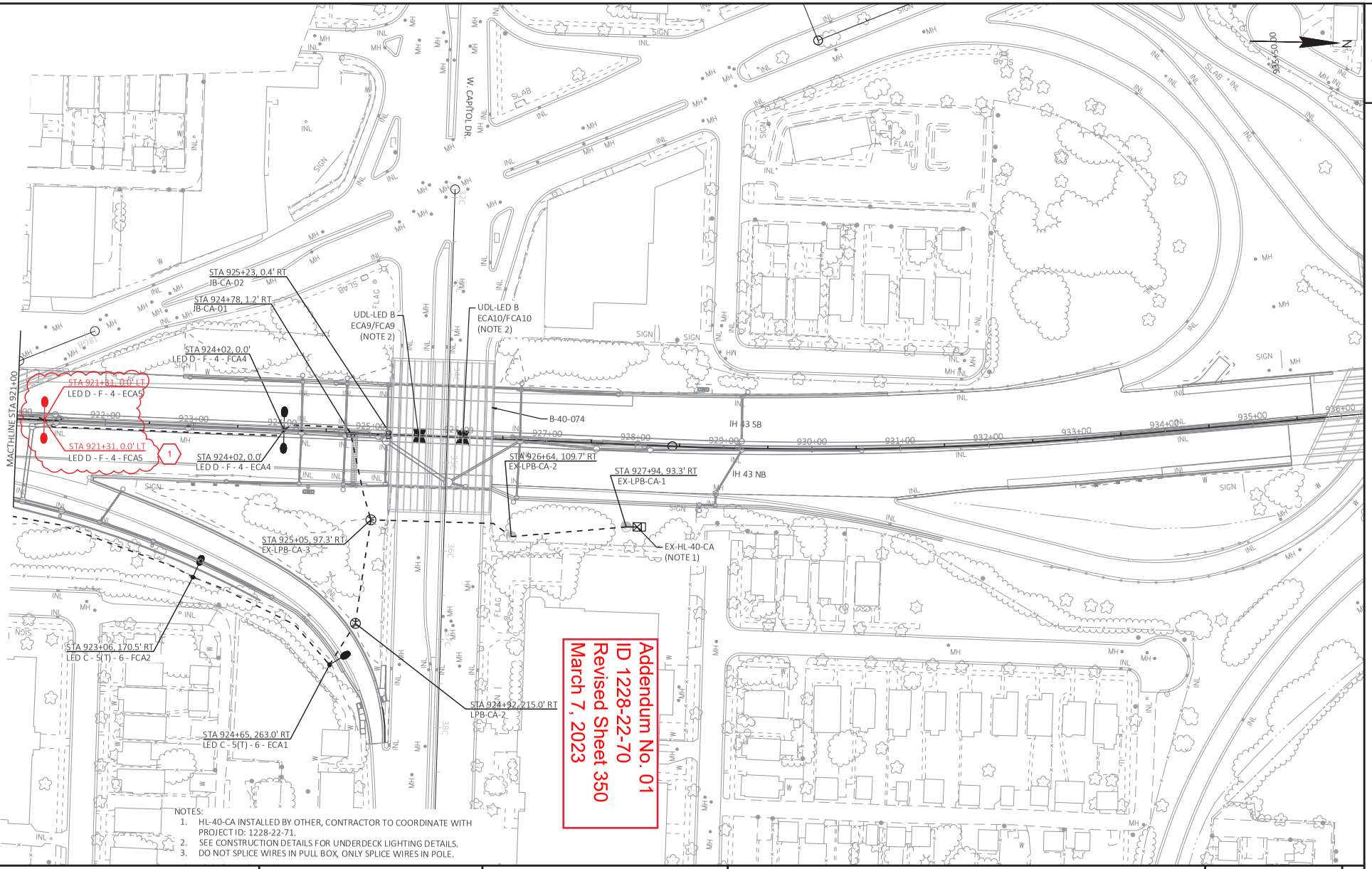
NOTES:

1. REPLACE LUMINAIRE AND POLE ASSEMBLE AT EXISTING LOCATION ON RE-WALL, NO REMOVAL OF CONCRETE BASE OR ANCHORAGE.
2. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
3. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 349
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - SCHEMATIC	SHEET 349	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025009_LP_SCH
PLOT DATE : 3/1/2023 3:28 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

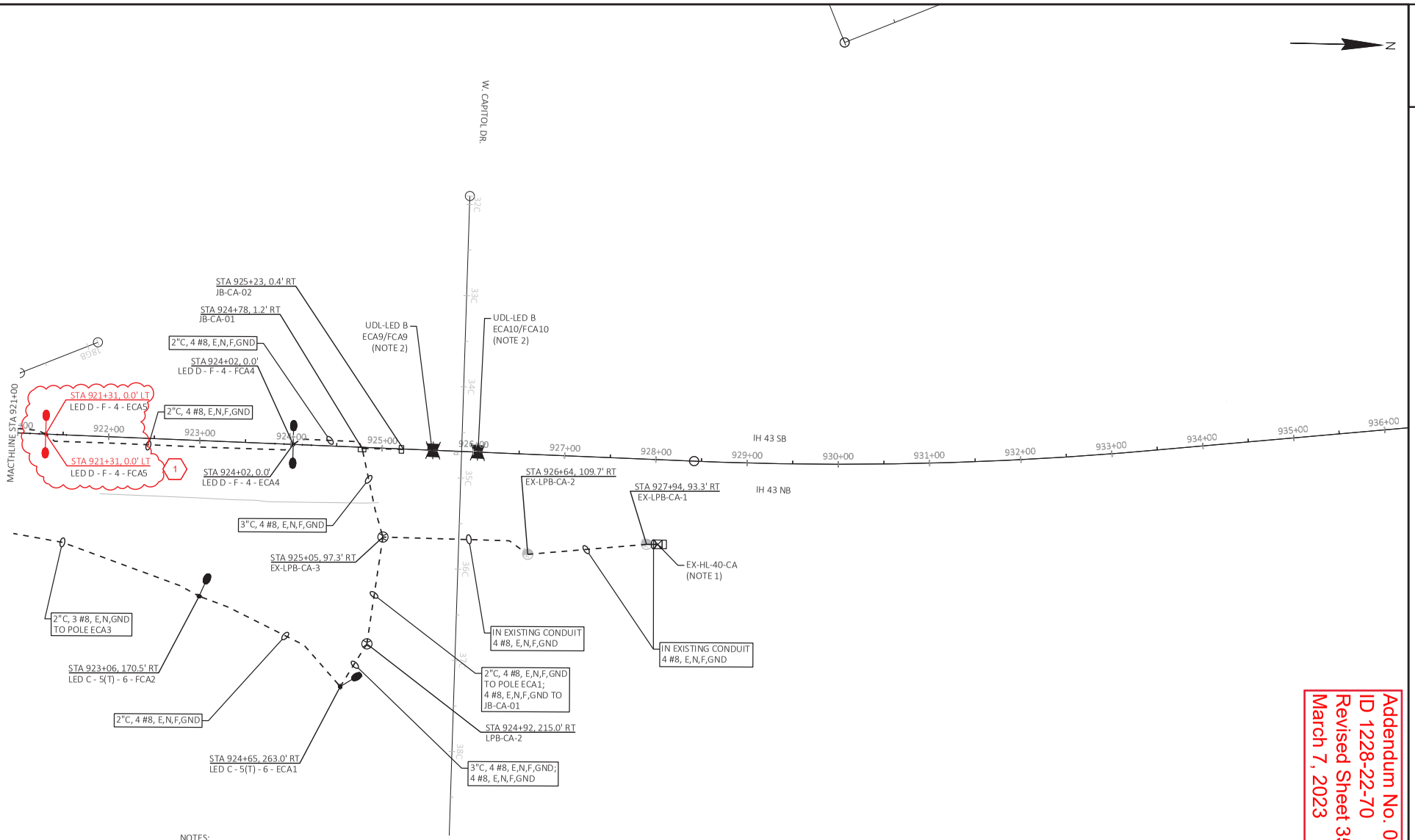


Addendum No. 01
ID 1228-22-70
Revised Sheet 350
March 7, 2023

NOTES:
1. HL-40-CA INSTALLED BY OTHER, CONTRACTOR TO COORDINATE WITH PROJECT ID: 1228-22-71.
2. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
3. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - FINAL	SHEET 350	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\12282270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025010_LP
PLOT DATE : 3/1/2023 3:29 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



NOTES:
1. HL-40-CA INSTALLED BY OTHER, CONTRACTOR TO COORDINATE WITH PROJECT ID: 1228-22-71.
2. SEE CONSTRUCTION DETAILS FOR UNDERDECK LIGHTING DETAILS.
3. DO NOT SPLICE WIRES IN PULL BOX, ONLY SPLICE WIRES IN POLE.

Addendum No. 01
ID 1228-22-70
Revised Sheet 351
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	LIGHTING PLANS - SCHEMATIC	SHEET 351	E

FILE NAME : S:\DOT\DOT_SE\190224_I43_N-S_FREEWAY_NORTH-HAMPTON\DESIGN\1228270\SHEETSPLAN\023503_LP.DWG
LAYOUT NAME - 025010_LP_SCH
PLOT DATE : 3/1/2023 3:29 PM
PLOT BY : KIAN K. CHAI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC — PORTABLE CRASH CUSHION
- WORK ZONE
- FMS — FIXED MESSAGE SIGN
- 1 — TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
- 2 — TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW

GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL OUTSIDE LANE CLOSURES AND SHORT TERM RAMP CLOSURES AS NEEDED ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)" AND CONSTRUCTION DETAIL "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY".

N

VLIET STREET

12TH STREET

1600'

1000'

765+00

760+00

770+00

IH 43

IH 43

ROAD WORK AHEAD W20-1A

RELOCATE SIGN NORTH OF LOCUST STREET ON I-43 NB TO START THE STAGE HERE

WISDOT SAFETY PATROL COVERAGE BEGINS

SPONSORED BY GEICO

RIGHT SHOULDER CLOSED AHEAD W21-5B

ROAD WORK AHEAD W20-1A

Addendum No. 01
ID 1228-22-70
Revised Sheet 440
March 7, 2023

WINNEBAGO STREET

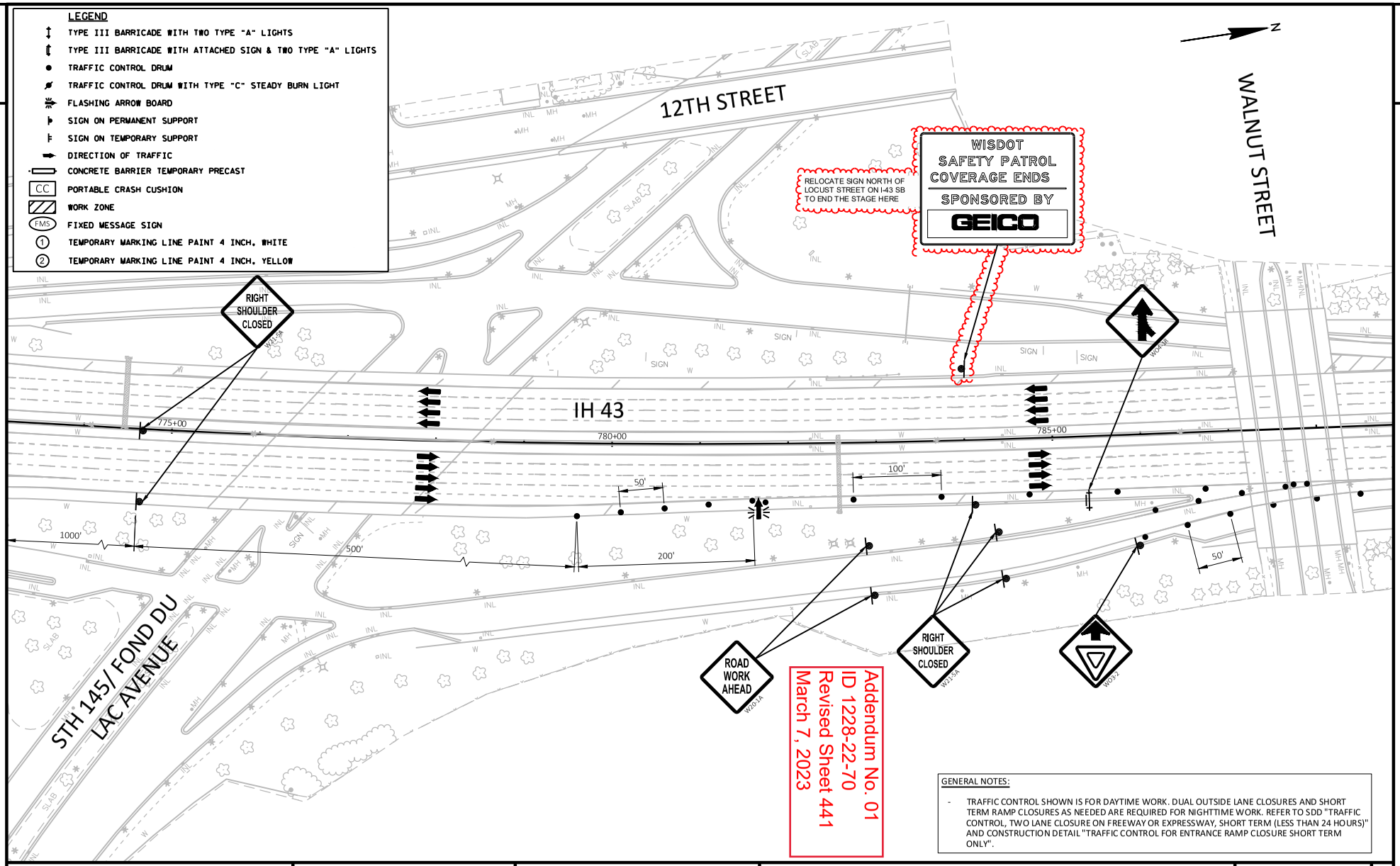
STH 145/ FOND DU LAC AVENUE

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE I	SHEET 440	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025001_TC_AD1.DWG
LAYOUT NAME - 025001_tc_AD1

PLOT DATE : 2/21/2023 8:37 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



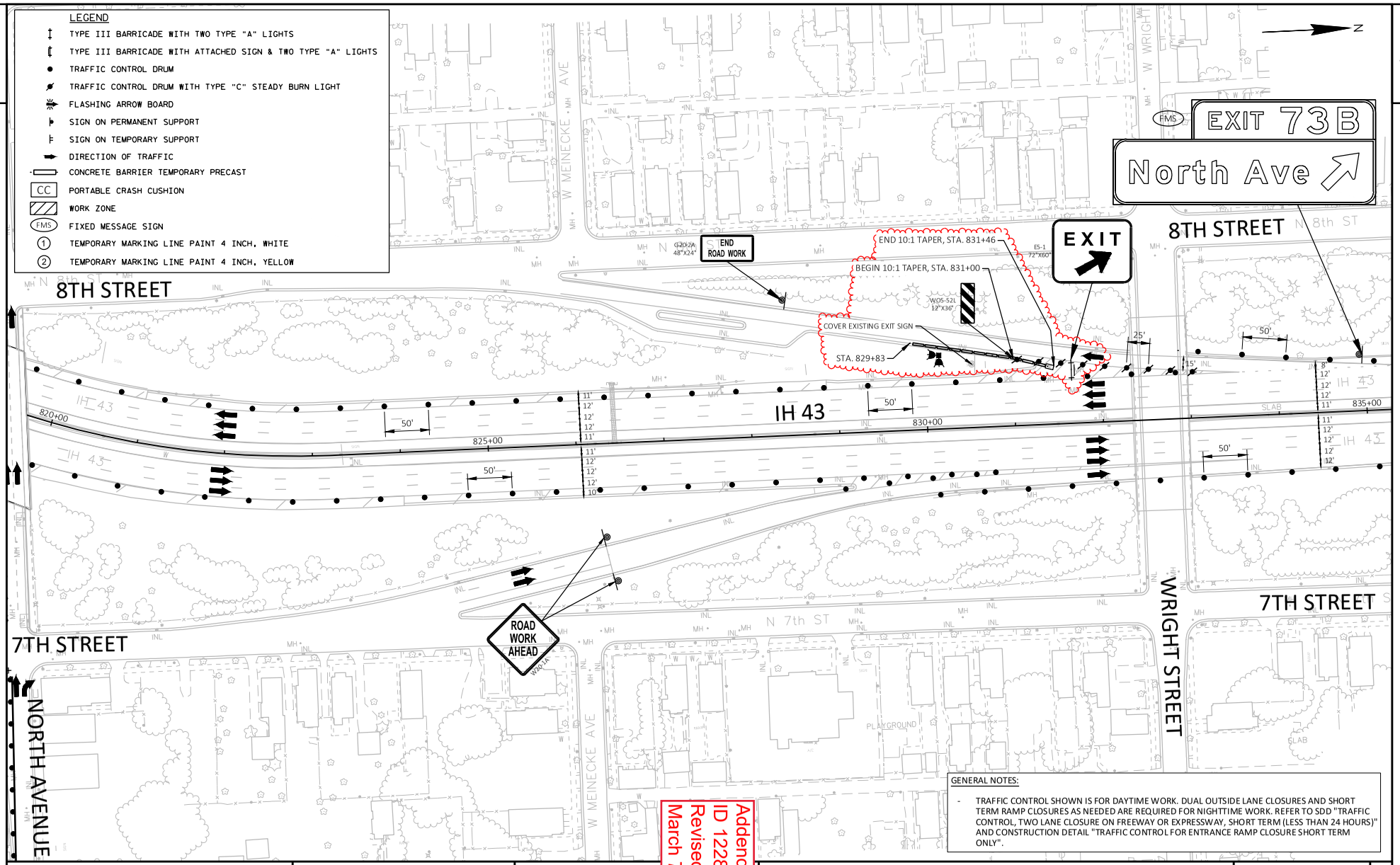
Addendum No. 01
ID 1228-22-70
Revised Sheet 441
March 7, 2023

GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL OUTSIDE LANE CLOSURES AND SHORT TERM RAMP CLOSURES AS NEEDED ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)" AND CONSTRUCTION DETAIL "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY".

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE I	SHEET 441	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025001_TC_AD1.DWG
LAYOUT NAME - 025002_tc_AD1
PLOT DATE : 2/23/2023 6:54 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



GENERAL NOTES:

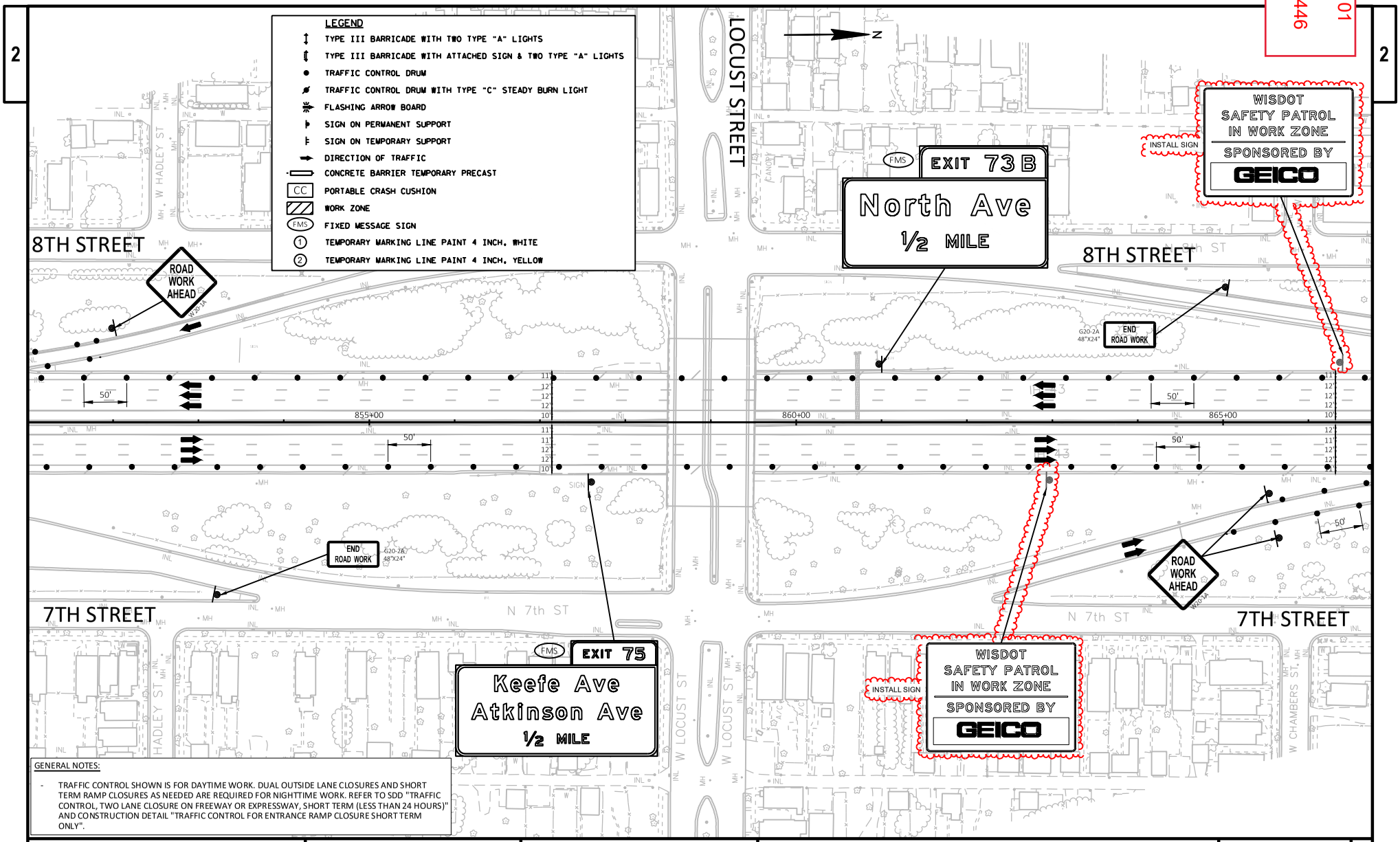
- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL OUTSIDE LANE CLOSURES AND SHORT TERM RAMP CLOSURES AS NEEDED ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)" AND CONSTRUCTION DETAIL "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY".

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE I	SHEET 444	E

Addendum No. 01
ID 1228-22-70
Revised Sheet 444
March 7, 2023

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025001_TC_AD1.DWG
LAYOUT NAME - 025005_tc_AD1
PLOT DA
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 446
March 7, 2023



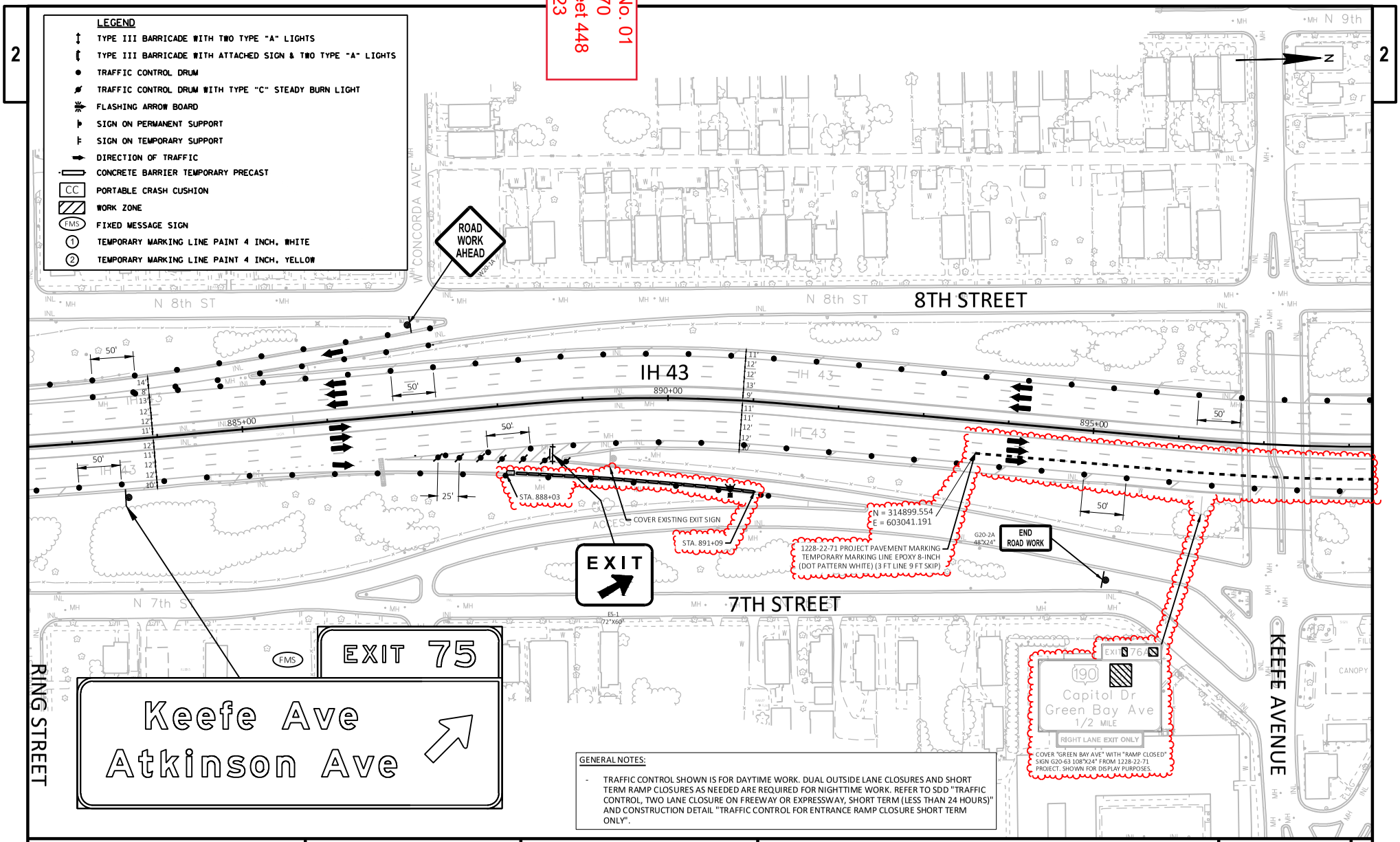
GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL OUTSIDE LANE CLOSURES AND SHORT TERM RAMP CLOSURES AS NEEDED ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)" AND CONSTRUCTION DETAIL "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY".

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE I	SHEET 446	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025001_TC_AD1.DWG
LAYOUT NAME - 025007_tc_AD1
PLOT DATE : 2/23/2023 9:07 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Revised Sheet 448
March 7, 2023



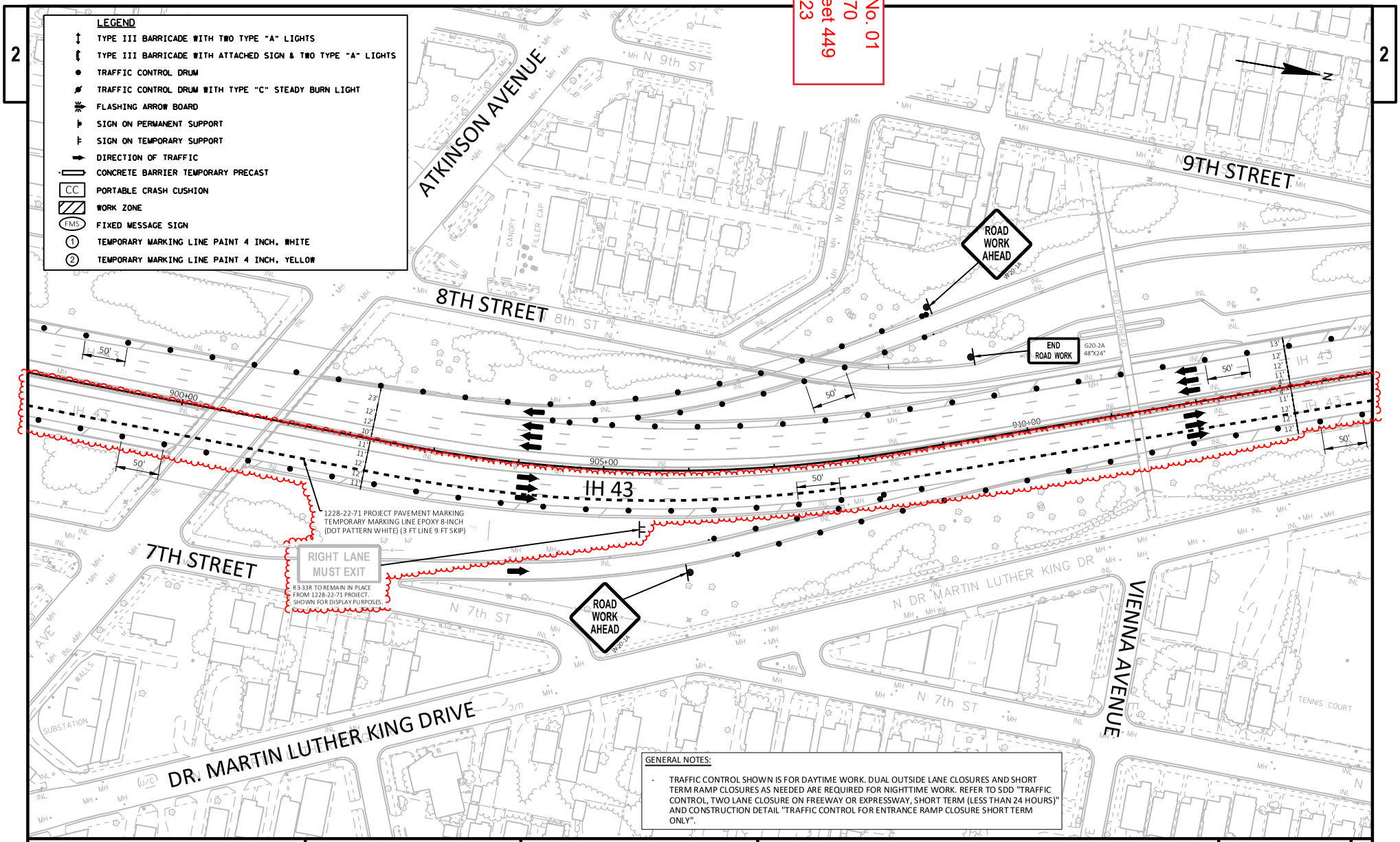
GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL OUTSIDE LANE CLOSURES AND SHORT TERM RAMP CLOSURES AS NEEDED ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)" AND CONSTRUCTION DETAIL "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY".

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE I	SHEET 448	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025001_TC_AD1.DWG
LAYOUT NAME - 025009_tc_AD1
PLOT DATE : 2/22/2023 10:34 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Revised Sheet 449
March 7, 2023



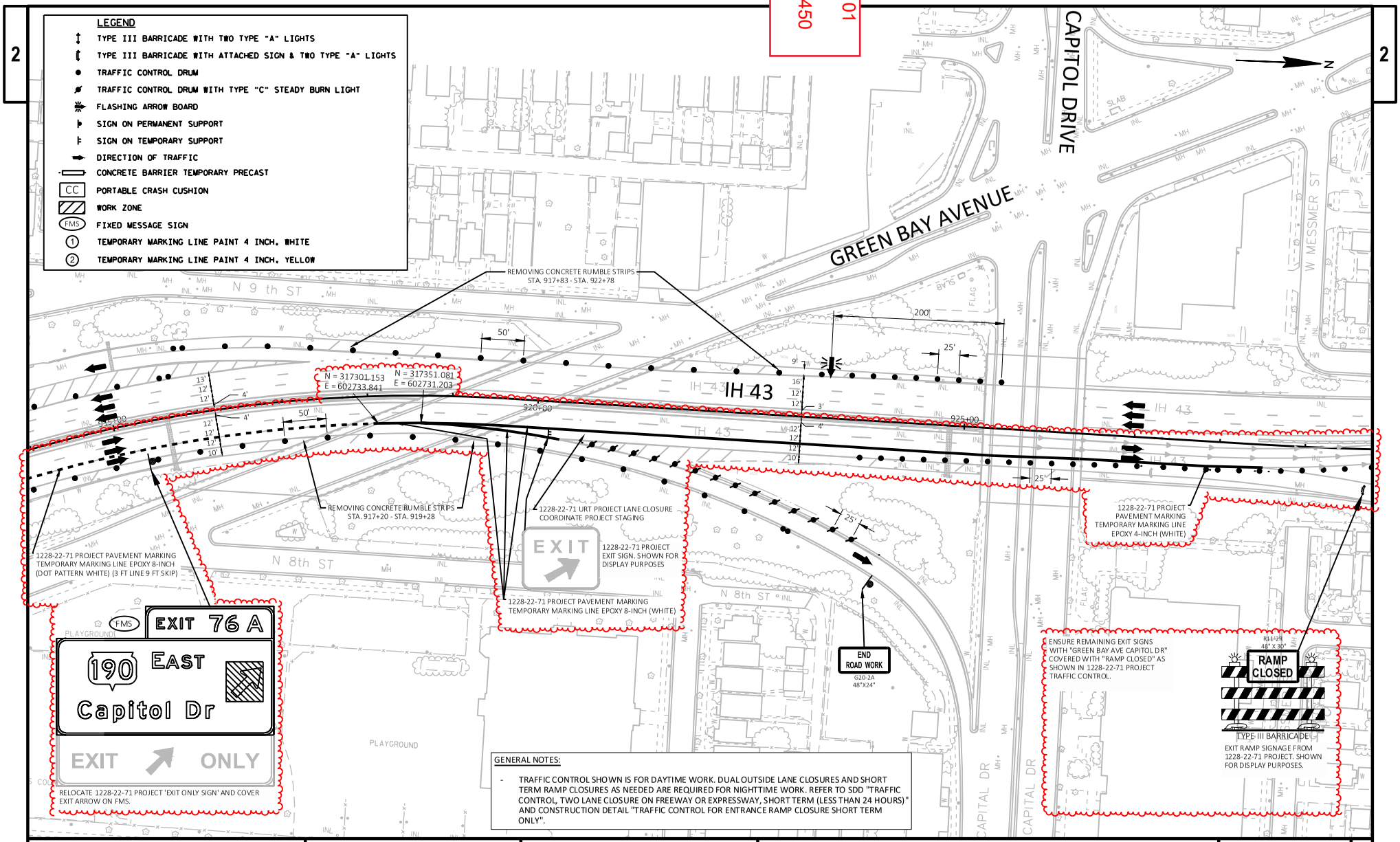
GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL OUTSIDE LANE CLOSURES AND SHORT TERM RAMP CLOSURES AS NEEDED ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)" AND CONSTRUCTION DETAIL "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY".

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE I	SHEET 449	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025001_TC_AD1.DWG
LAYOUT NAME - 025010_tc_AD1
PLOT DATE : 2/22/2023 10:32 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 450
March 7, 2023

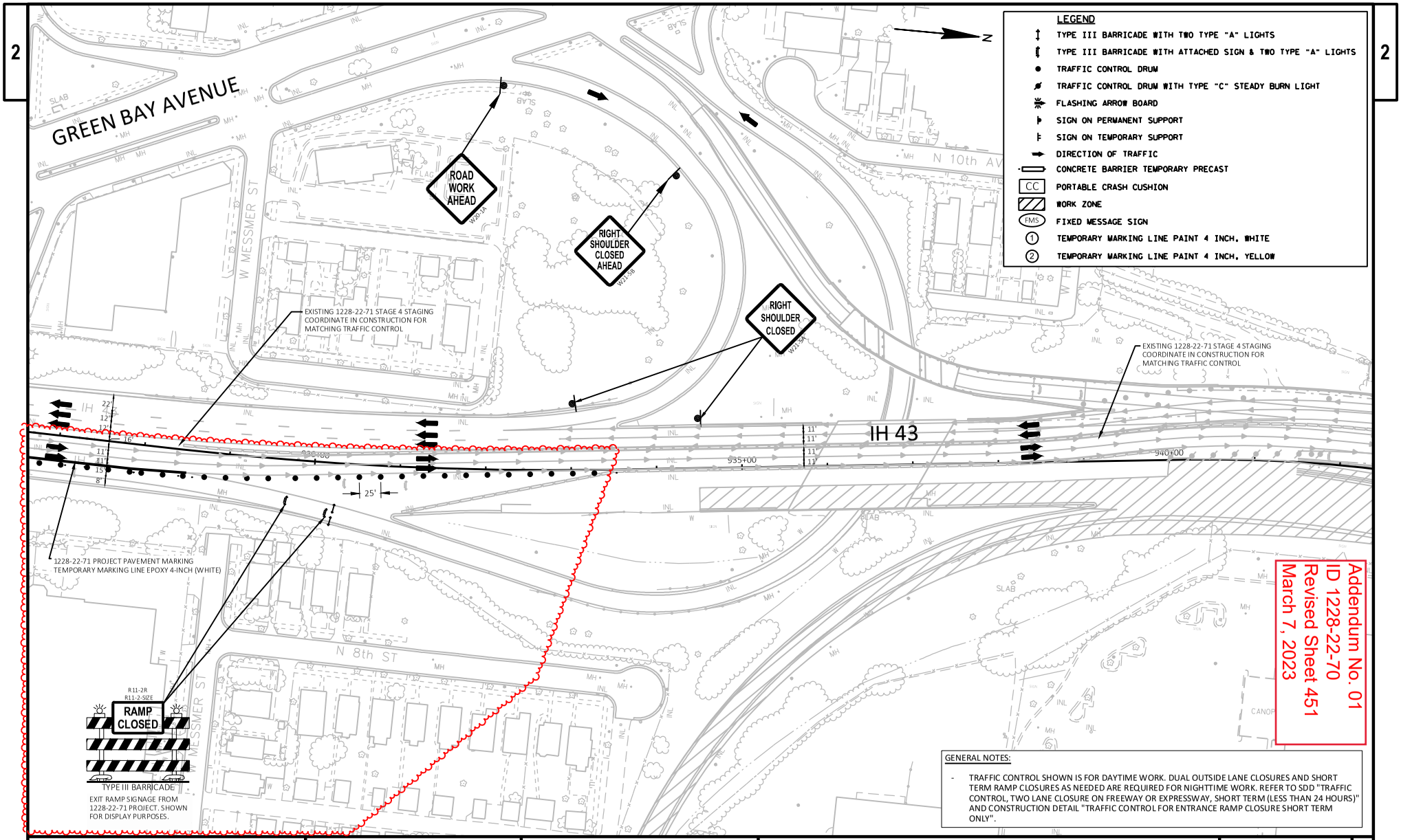


GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL OUTSIDE LANE CLOSURES AND SHORT TERM RAMP CLOSURES AS NEEDED ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)" AND CONSTRUCTION DETAIL "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY".

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE I	SHEET 450	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025001_TC_AD1.DWG
LAYOUT NAME - 025011_tc_AD1
PLOT DATE : 2/22/2023 2:34 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE I	SHEET 451	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025001_TC_AD1.DWG
LAYOUT NAME - 025012_tc_AD1
PLOT DATE : 2/22/2023 10:28 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

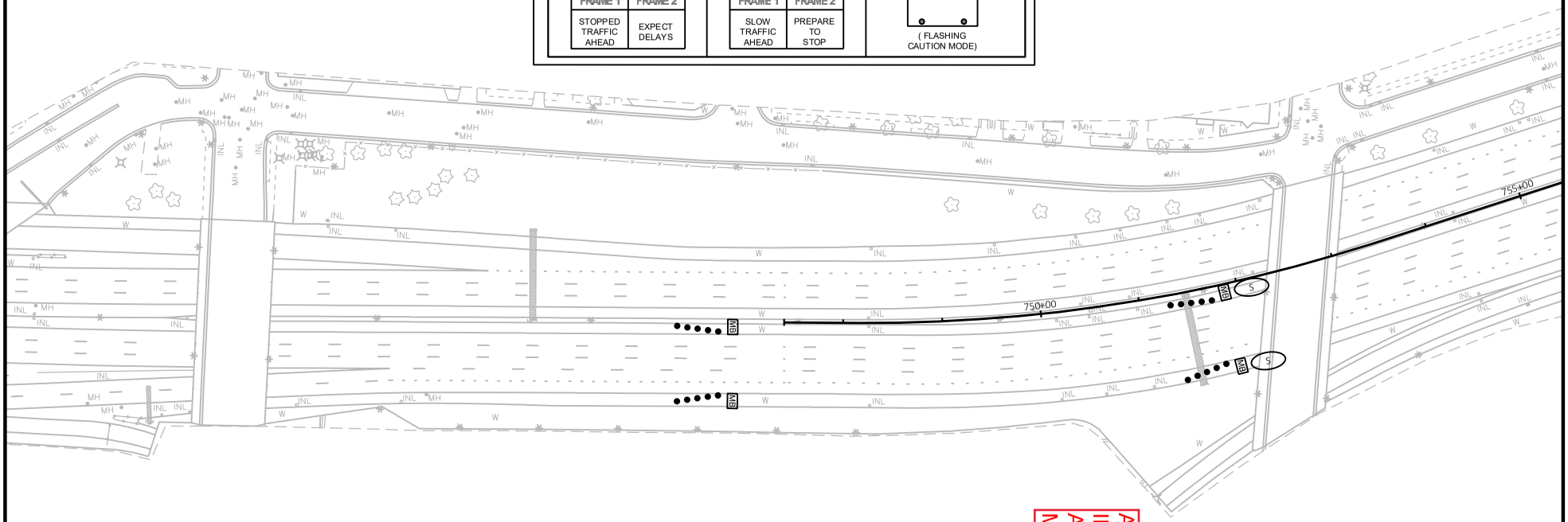
MB — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

S — PORTABLE TRAFFIC SENSOR (PTS)

PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

N



LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC — TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS — FIXED MESSAGE SIGN

Addendum No. 01
ID 1228-22-70
Added Sheet 452A
March 7, 2023

GENERAL NOTES:

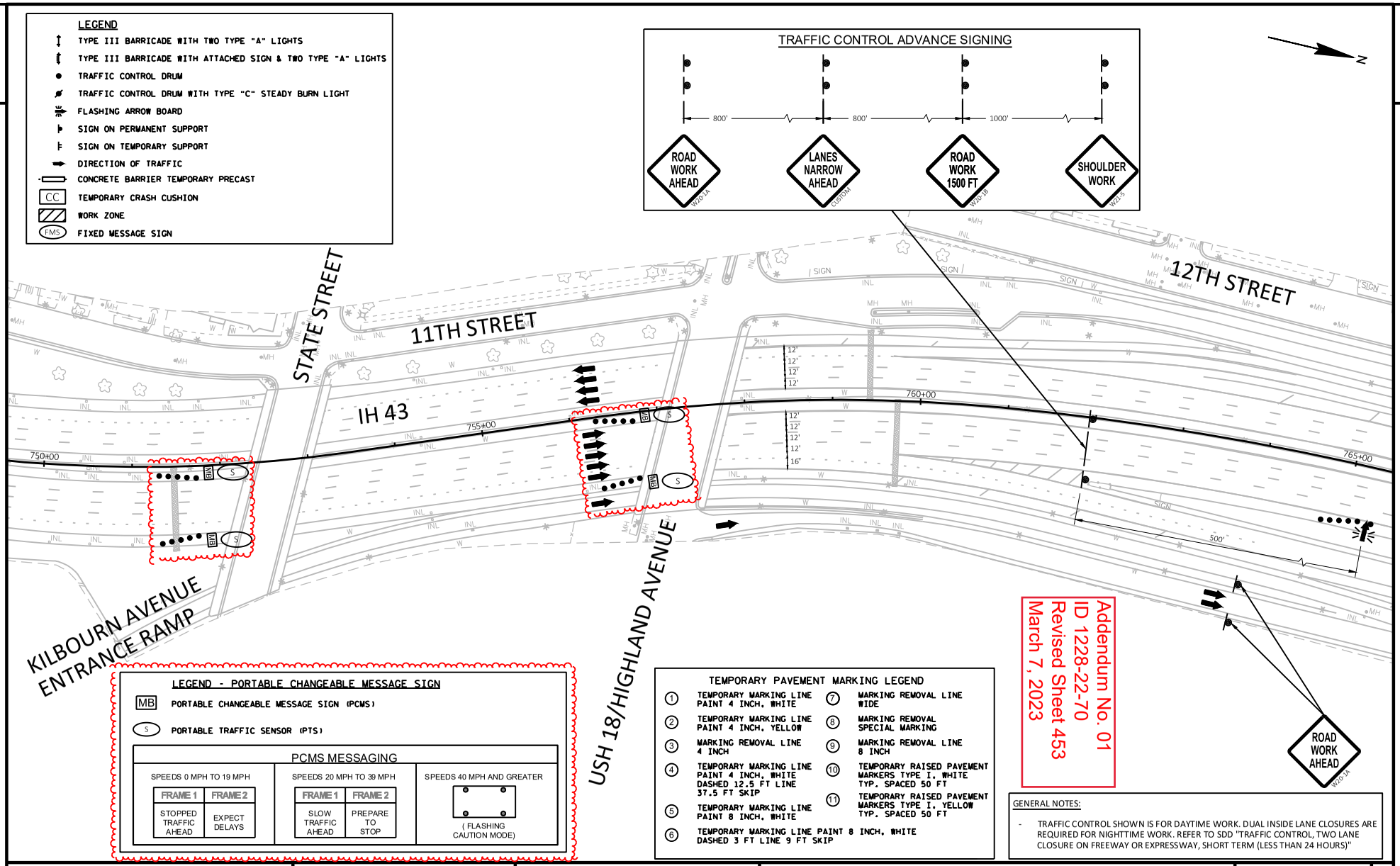
- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"

TEMPORARY PAVEMENT MARKING LEGEND

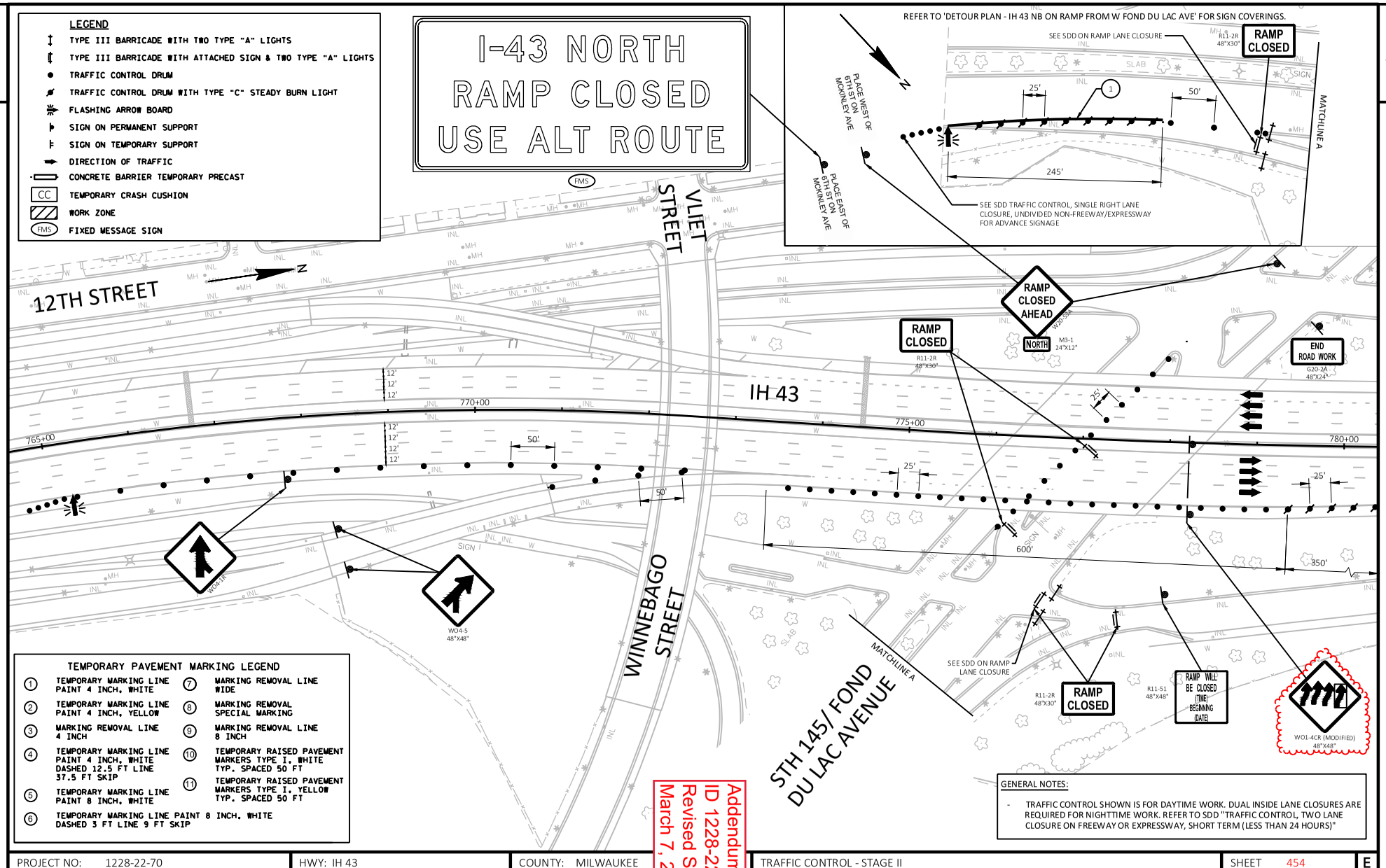
1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 452A	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025012_tc_AD1
PLOT DATE : 2/27/2023 9:29 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT


LEGEND
TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
TRAFFIC CONTROL DRUM
TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
FLASHING ARROW BOARD
SIGN ON PERMANENT SUPPORT
SIGN ON TEMPORARY SUPPORT
DIRECTION OF TRAFFIC
CONCRETE BARRIER TEMPORARY PRECAST
CC
TEMPORARY CRASH CUSHION
WORK ZONE
FMS
FIXED MESSAGE SIGN
TRAFFIC CONTROL ADVANCE SIGNING
800'
800'
1000'
ROAD WORK AHEAD
W20-1A
LANES NARROW AHEAD
CUSTOM
ROAD WORK 1500 FT
W20-1B
SHOULDER WORK
W21-5
N
STATE STREET
11TH STREET
IH 43
12TH STREET
750+00
755+00
760+00
765+00
MB
S
12'
16'
500'
KILBOURN AVENUE ENTRANCE RAMP
USH 18/HIGHLAND AVENUE
LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN
MB PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
S PORTABLE TRAFFIC SENSOR (PTS)
PCMS MESSAGING
SPEEDS 0 MPH TO 19 MPH
FRAME 1: STOPPED TRAFFIC AHEAD
FRAME 2: EXPECT DELAYS
SPEEDS 20 MPH TO 39 MPH
FRAME 1: SLOW TRAFFIC AHEAD
FRAME 2: PREPARE TO STOP
SPEEDS 40 MPH AND GREATER
(FLASHING CAUTION MODE)
TEMPORARY PAVEMENT MARKING LEGEND
1 TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2 TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3 MARKING REMOVAL LINE 4 INCH
4 TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5 TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6 TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7 MARKING REMOVAL LINE WIDE
8 MARKING REMOVAL SPECIAL MARKING
9 MARKING REMOVAL LINE 8 INCH
10 TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11 TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
Addendum No. 01
ID 1228-22-70
Revised Sheet 453
March 7, 2023
ROAD WORK AHEAD
W20-1A
GENERAL NOTES:
- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"
PROJECT NO: 1228-22-70
HWY: IH 43
COUNTY: MILWAUKEE
TRAFFIC CONTROL - STAGE II
SHEET 453
E
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025013_tc_AD1
PLOT DATE : 2/27/2023 8:04 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

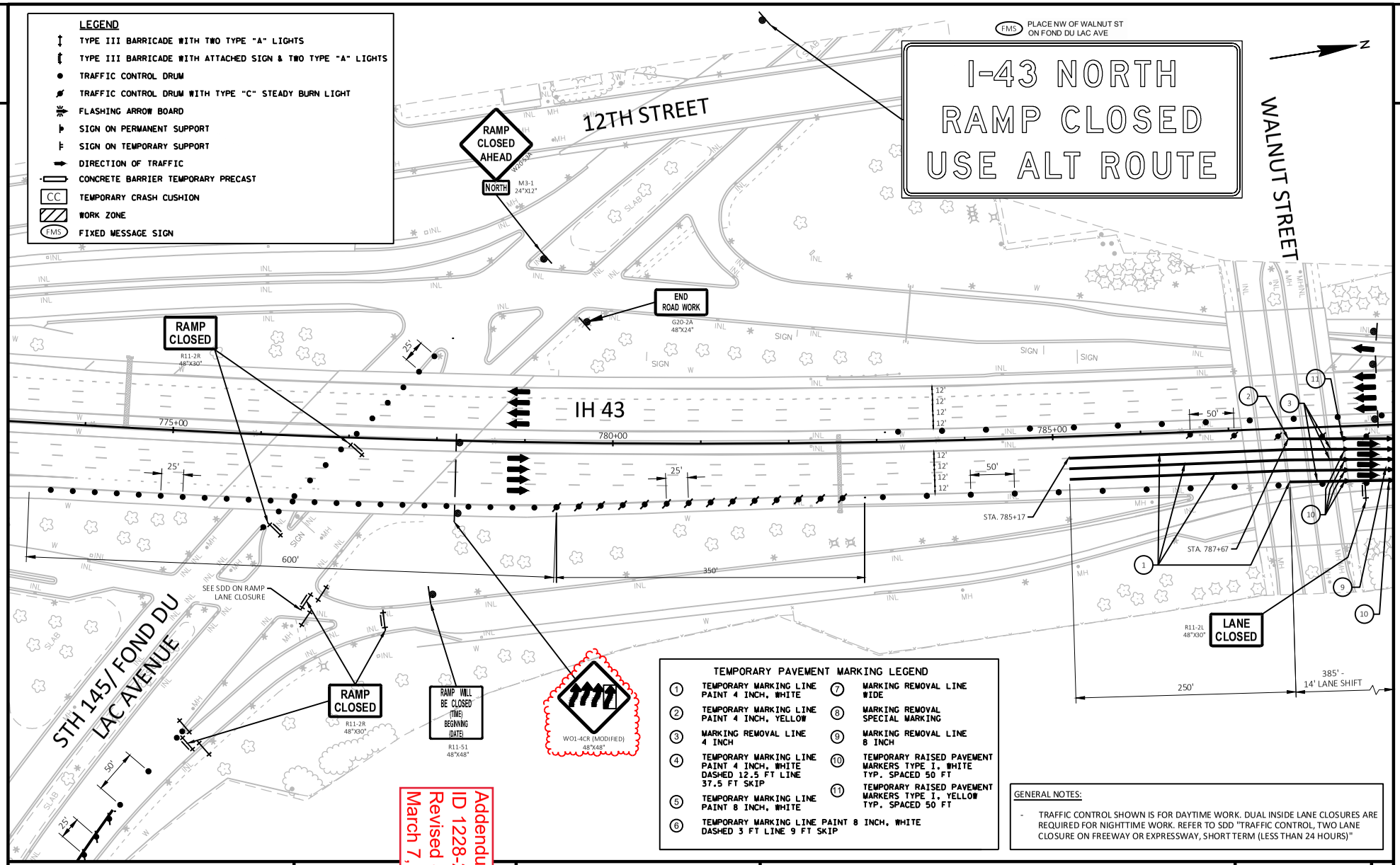
I-43 NORTH
RAMP CLOSED
USE ALT ROUTE



Addendum No. 01
ID 1228-22-70
Revised Sheet 454
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 454	E

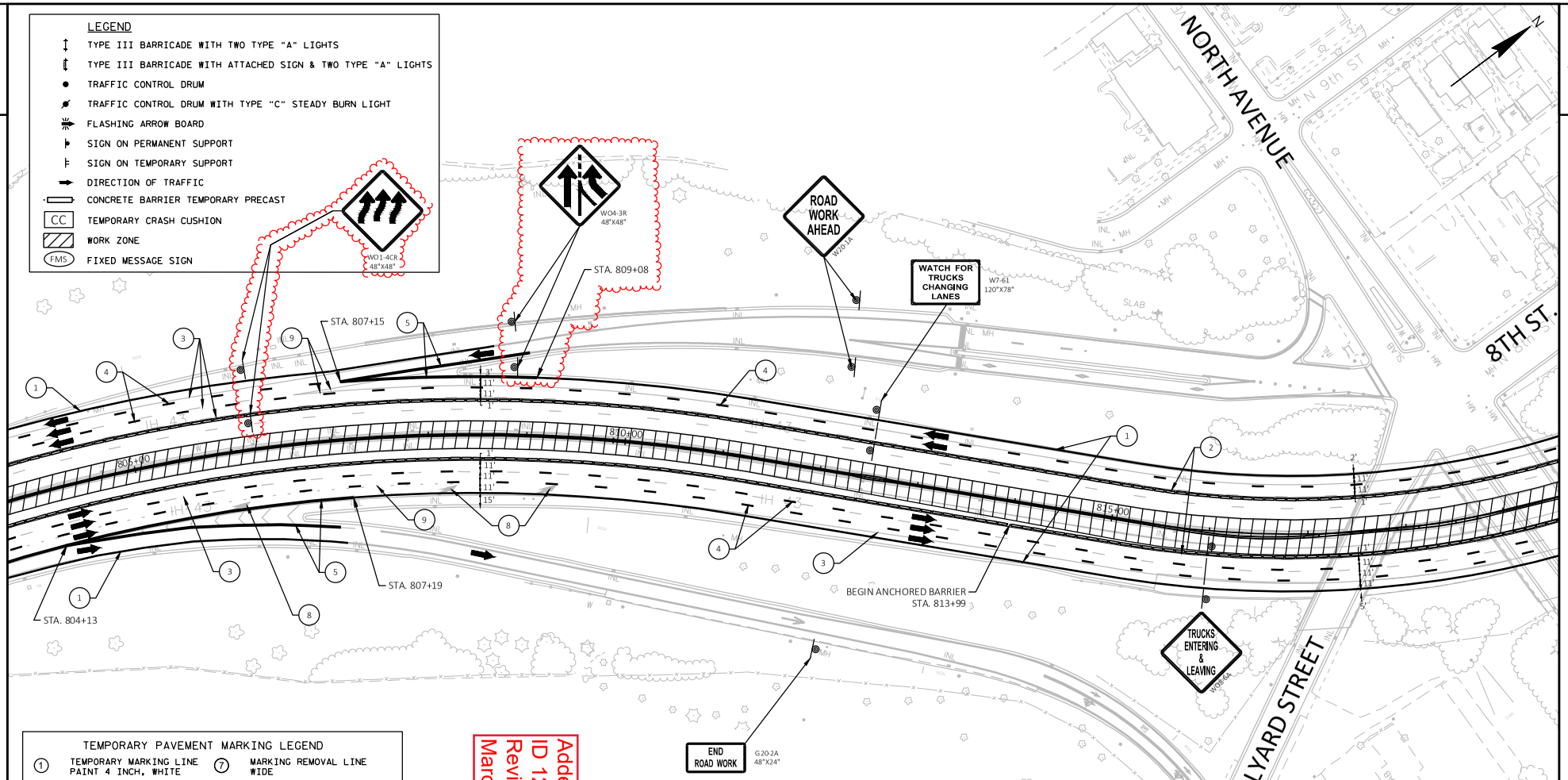
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025014_tc_AD1
PLOT DA
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 1228-22-70
Revised Sheet 455
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 455	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ AD1.DWG
LAYOUT NAME - 025015_tc_AD1
PLOT DATE : 2/13/2023 3:33 PM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



TEMPORARY PAVEMENT MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE	7	MARKING REMOVAL LINE WIDE
2	TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW	8	MARKING REMOVAL SPECIAL MARKING
3	MARKING REMOVAL LINE 4 INCH	9	MARKING REMOVAL LINE 8 INCH
4	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP	10	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
5	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE	11	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
6	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP		

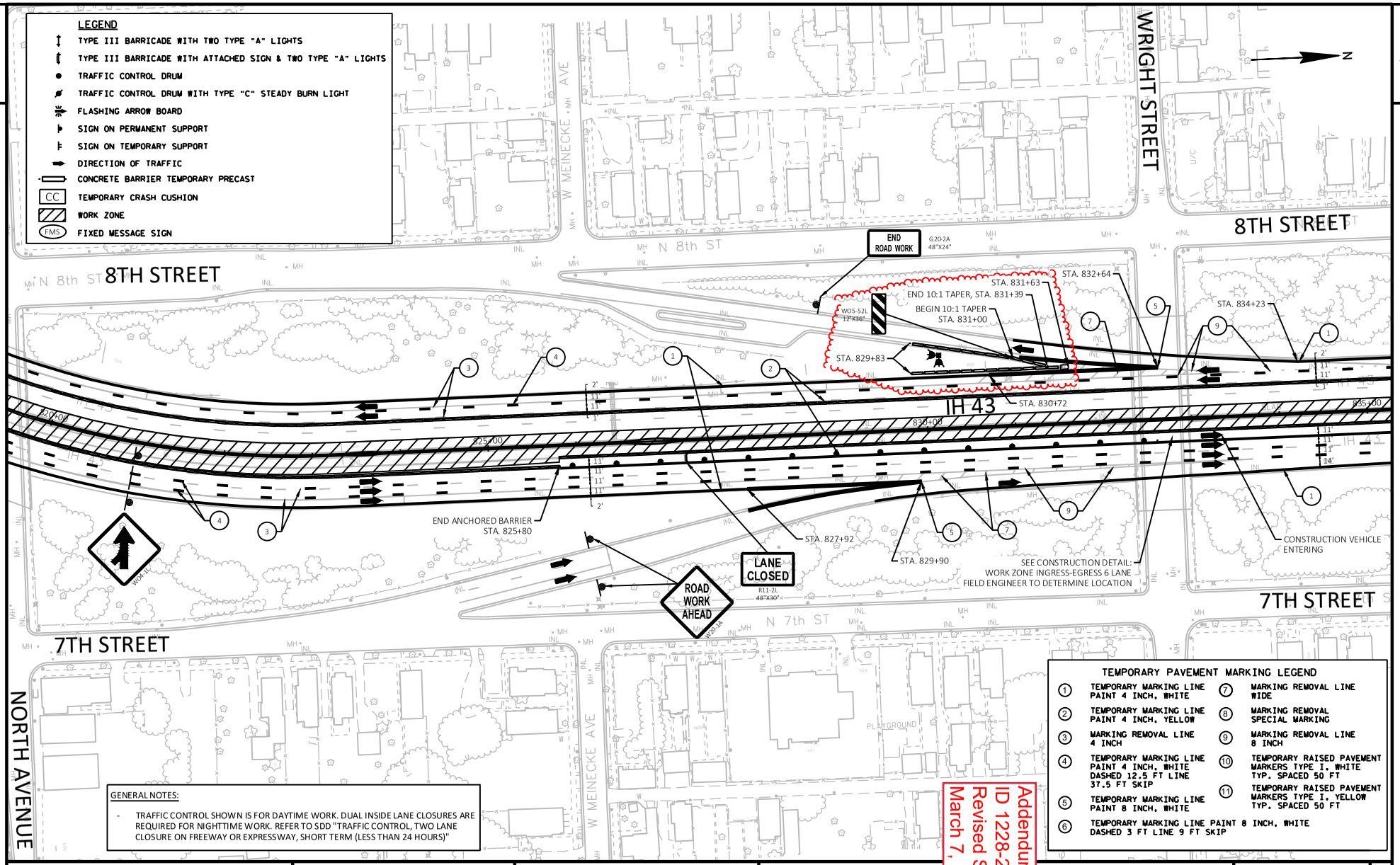
Addendum No. 01
ID 1228-22-70
Revised Sheet 457
March 7, 2023

GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 457	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025017_tc_AD1
PLOT DATE : 3/1/2023 2:53 PM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



GENERAL NOTES:

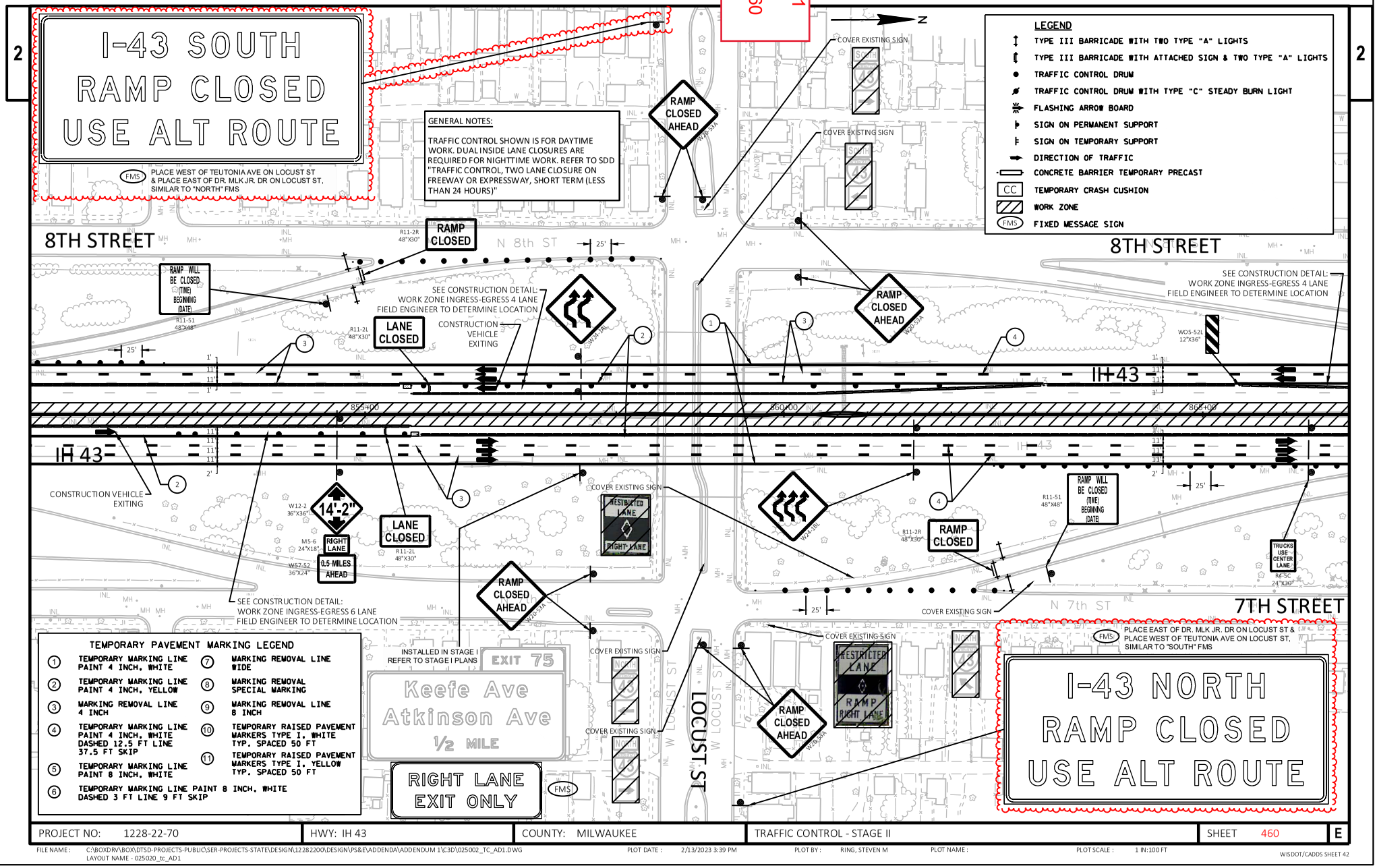
- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"

Addendum No. 01
ID 1228-22-70
Revised Sheet 458
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 458	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025018_tc_AD1
PLOT DATE : 2/21/2023 8:48 AM
PLOT BY : RING, STEVEN M
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

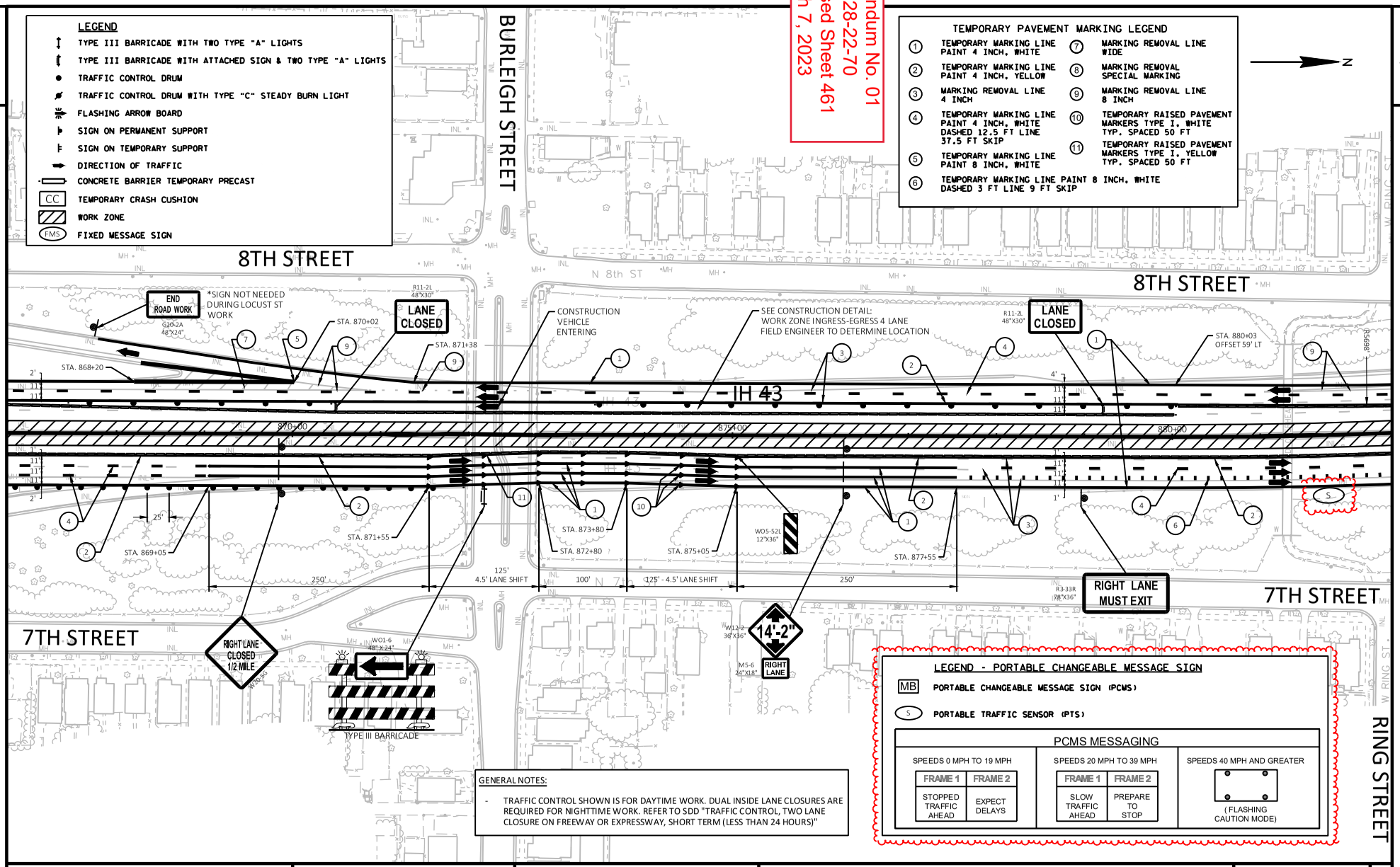
Addendum No. 01
ID 1228-22-70
Revised Sheet 460
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 460	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025020_tc_AD1
PLOT DATE : 2/13/2023 3:39 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 461
March 7, 2023



GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 461	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025021_tc_AD1
PLOT DATE : 3/1/2023 11:46 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"

TEMPORARY PAVEMENT MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE	7	MARKING REMOVAL LINE WIDE
2	TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW	8	MARKING REMOVAL SPECIAL MARKING
3	MARKING REMOVAL LINE 4 INCH	9	MARKING REMOVAL LINE 8 INCH
4	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP	10	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
5	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE	11	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
6	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP		

8TH STREET

7TH STREET

RING STREET

KEEFE AVENUE

W CONCORDIA AVE

N 8th ST

N 9th

N 7th ST

IH 43

W12-2 36"X36" 14'-7" RIGHT LANE M5-6 24"X18"

R11-51 48"X48" RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)

SEE SDD ON RAMP LANE CLOSURE

RAMP CLOSED R11-2R 48"X30" INSTALL AT START OF RAMP

COVER EXISTING SIGN

R11-2L 48"X30" LANE CLOSED

RAMP CLOSED AHEAD W20-5AR

300' - RAMP MERGE

600'

END RAMP MERGE STA. 893+90

BEGIN RAMP MERGE STA. 896+90

STA. 885+27 OFFSET 50' LT

STA. 888+26 OFFSET 50' LT

STA. 891+17 OFFSET 48' LT

R1666'

R1659'

25'

12'

11'

13'

2'

STA. 885+00

STA. 890+00

STA. 895+00

STA. 889+26

STA. 888+03

STA. 886+27

STA. 891+09

ACCESS RD

END ROAD WORK G20-2A 48"X24"

R4-5L 24"X30" TRUCKS USE LEFT LANE

R3-33R 78"X36" RIGHT LANE MUST EXIT

Locust St WEST ONLY FMS

North Ave 1

145 McKinley Ave 1 3/4

LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS FIXED MESSAGE SIGN

Addendum No. 01
ID 1228-22-70
Revised Sheet 462
March 7, 2023

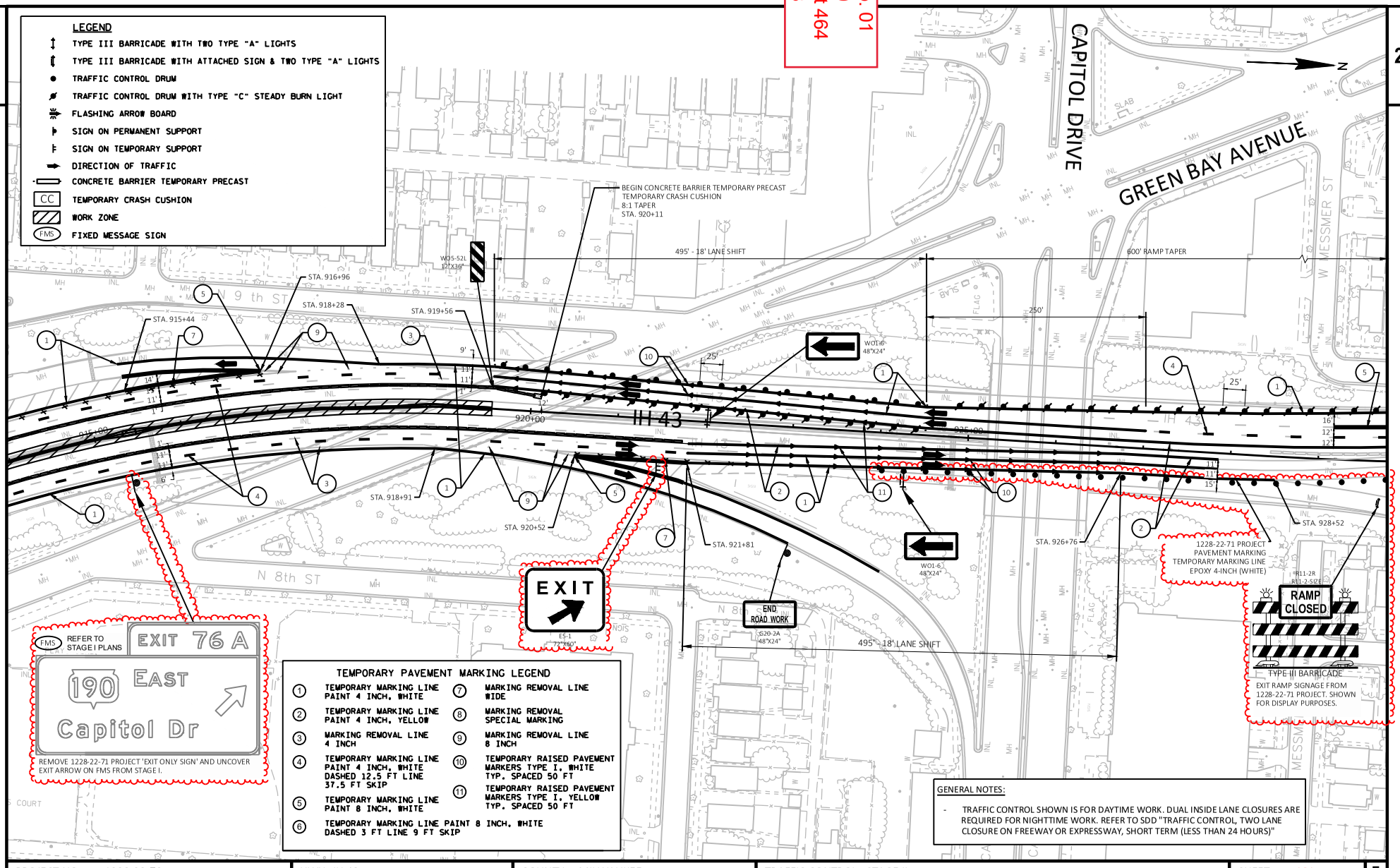
PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 462	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025022_tc_AD1

PLOT DATE : 2/13/2023 3:41 PM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

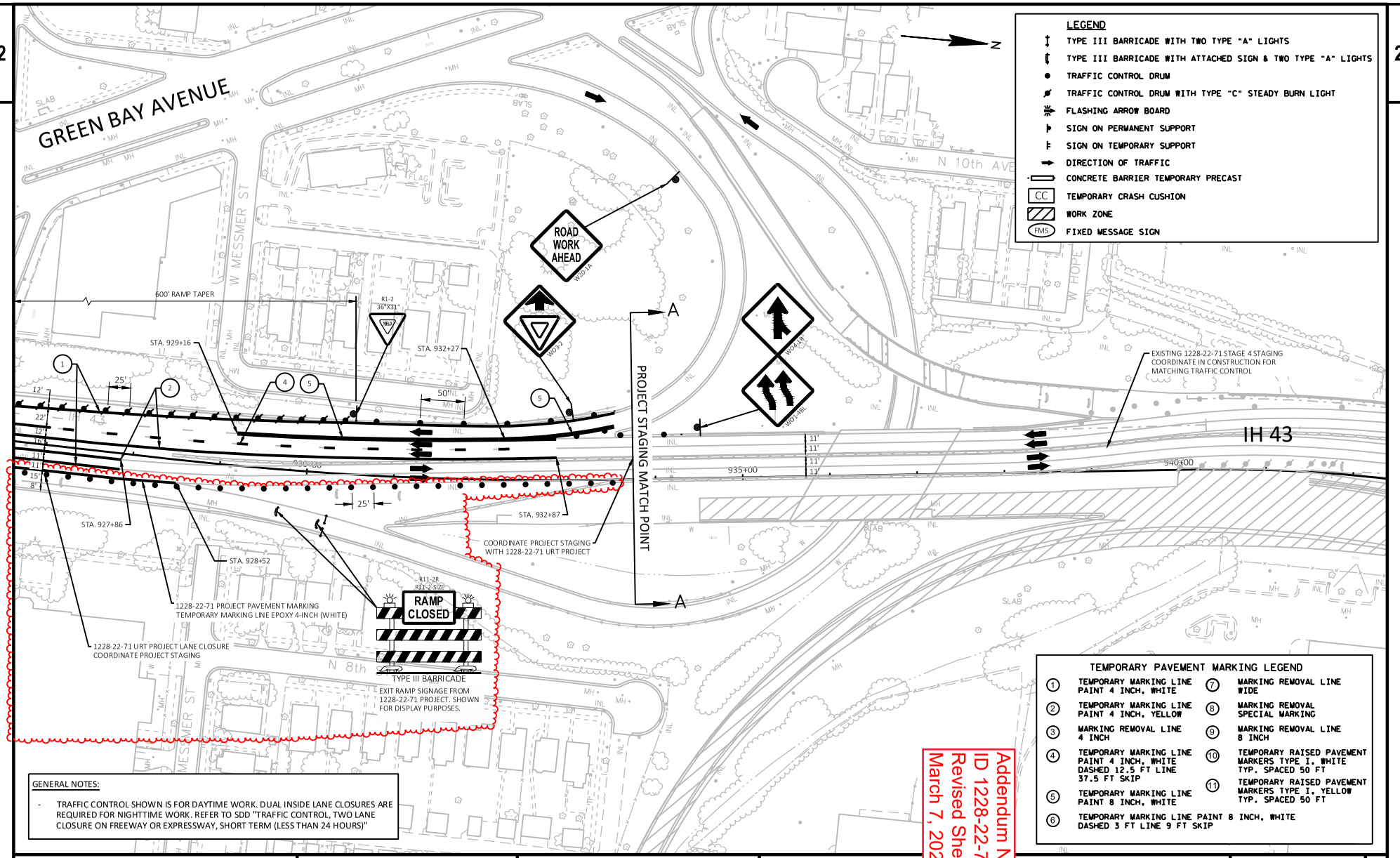
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 464
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 464	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025024_tc_AD1
PLOT DATE : 2/22/2023 3:53 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



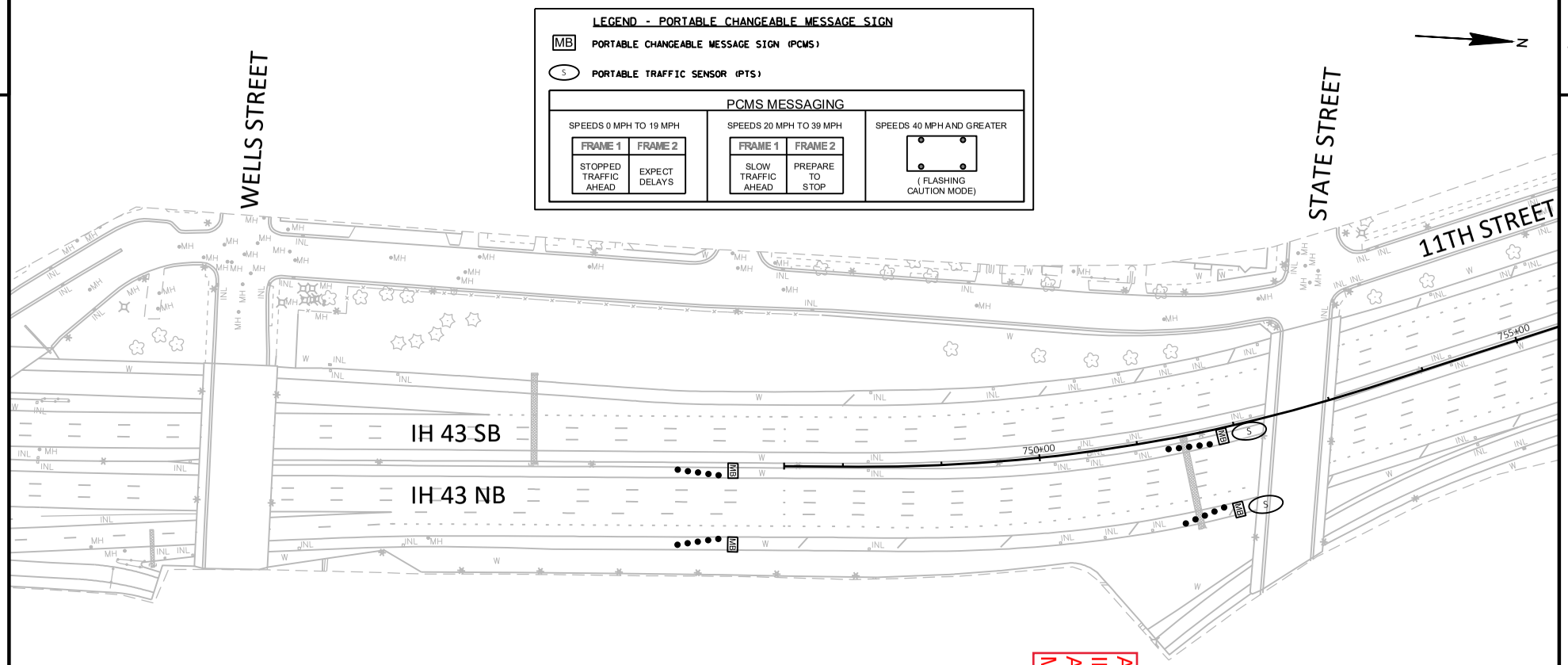
GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"

Addendum No. 01
ID 1228-22-70
Revised Sheet 465
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE II	SHEET 465	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025002_TC_AD1.DWG
LAYOUT NAME - 025025_tc_AD1
PLOT DATE : 2/22/2023 3:43 PM
PLOT BY : RING, STEVEN M
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS FIXED MESSAGE SIGN

Addendum No. 01
ID 1228-22-70
Added Sheet 466A
March 7, 2023

GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"
- TEMPORARY PAVEMENT MARKINGS PLACED IN STAGE II SHOWN IN GREY. REFER TO TRAFFIC CONTROL - STAGE II PLANS FOR DETAILS

TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE III	SHEET 466A	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025003_TC_AD1.DWG
LAYOUT NAME - 025025_tc_AD1
PLOT DATE : 3/1/2023 11:34 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Revised Sheet 467
March 7, 2023

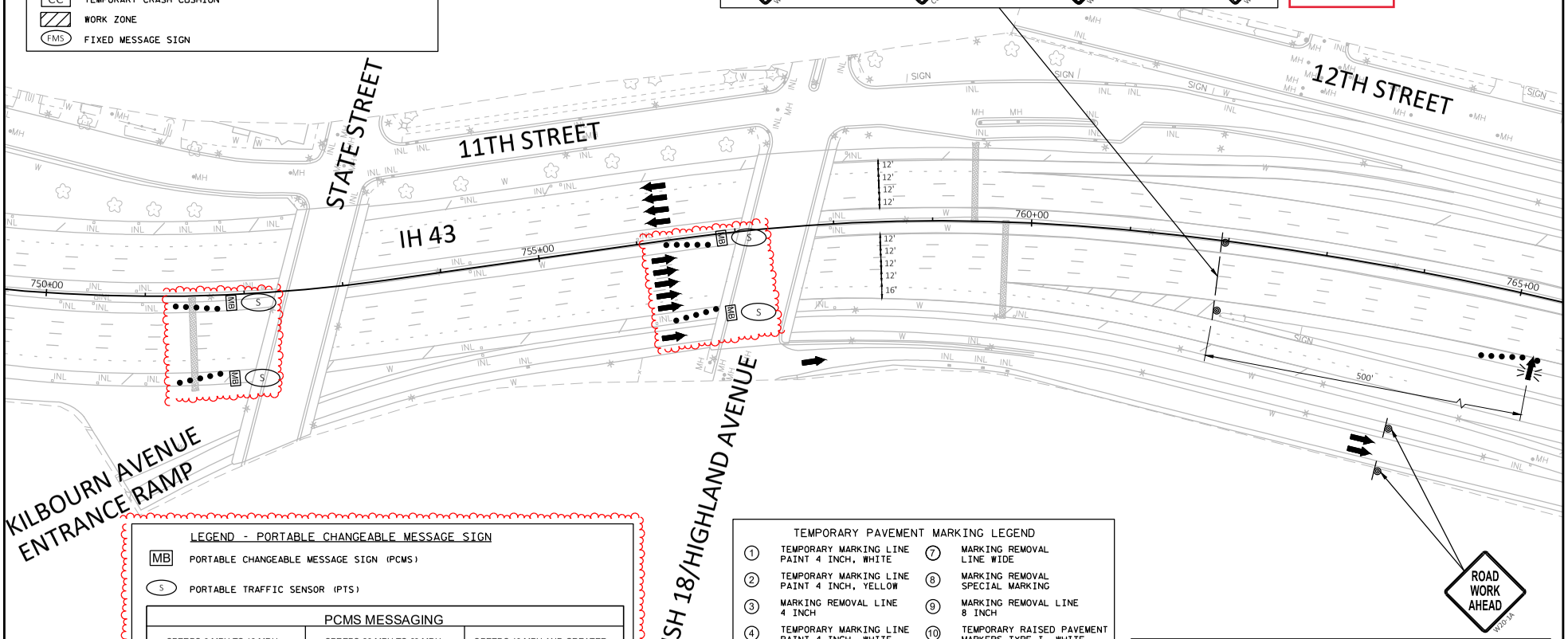
LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC — TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS — FIXED MESSAGE SIGN

TRAFFIC CONTROL ADVANCE SIGNING

800' 800' 1000'

ROAD WORK AHEAD W20-1A | LANES NARROW AHEAD CUSTOM | ROAD WORK 1500 FT W20-1B | SHOULDER WORK W21-5



LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

- MB — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- S — PORTABLE TRAFFIC SENSOR (PTS)

PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

TEMPORARY PAVEMENT MARKING LEGEND

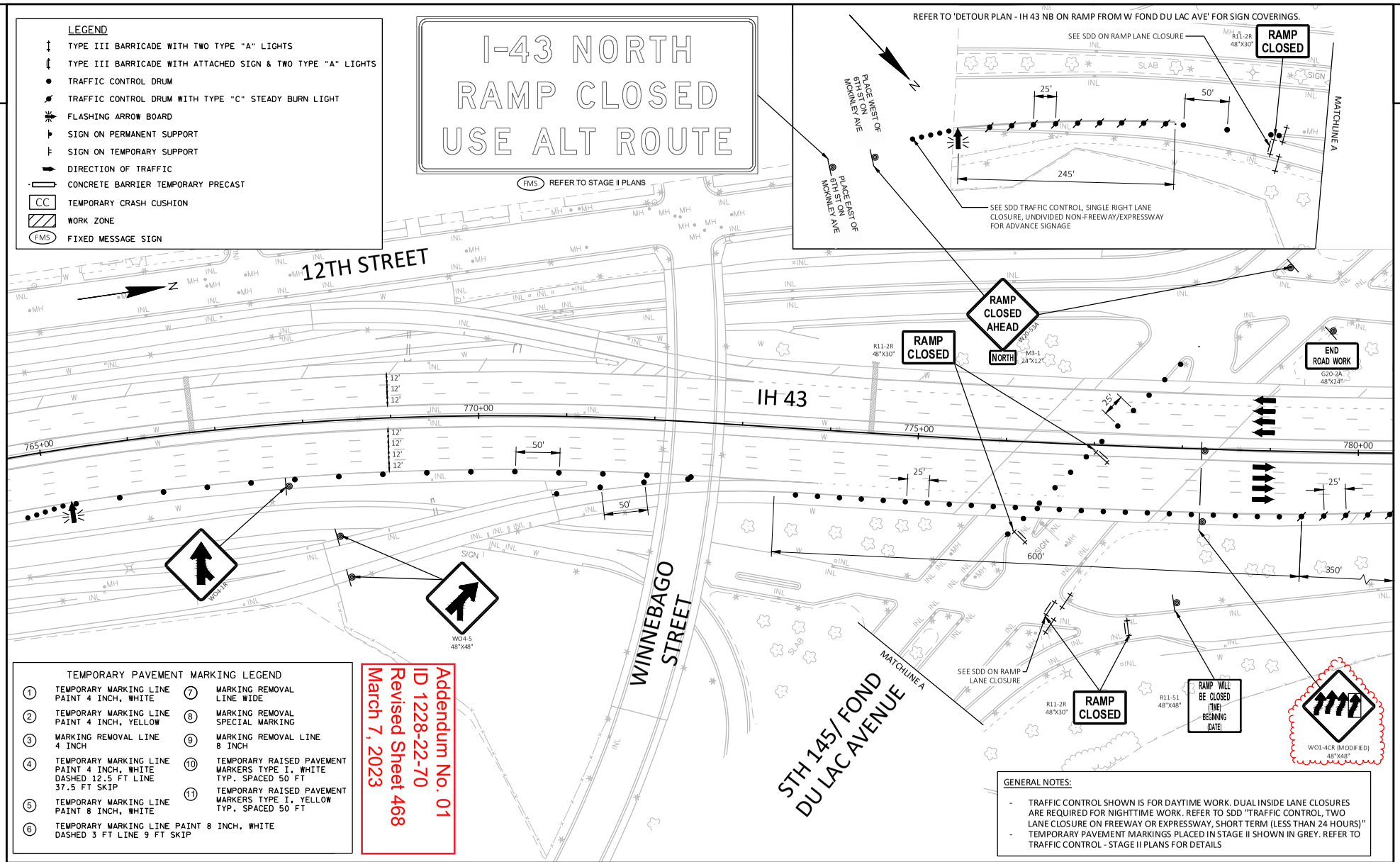
1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT

GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"
- TEMPORARY PAVEMENT MARKINGS PLACED IN STAGE II SHOWN IN GREY. REFER TO TRAFFIC CONTROL - STAGE II PLANS FOR DETAILS

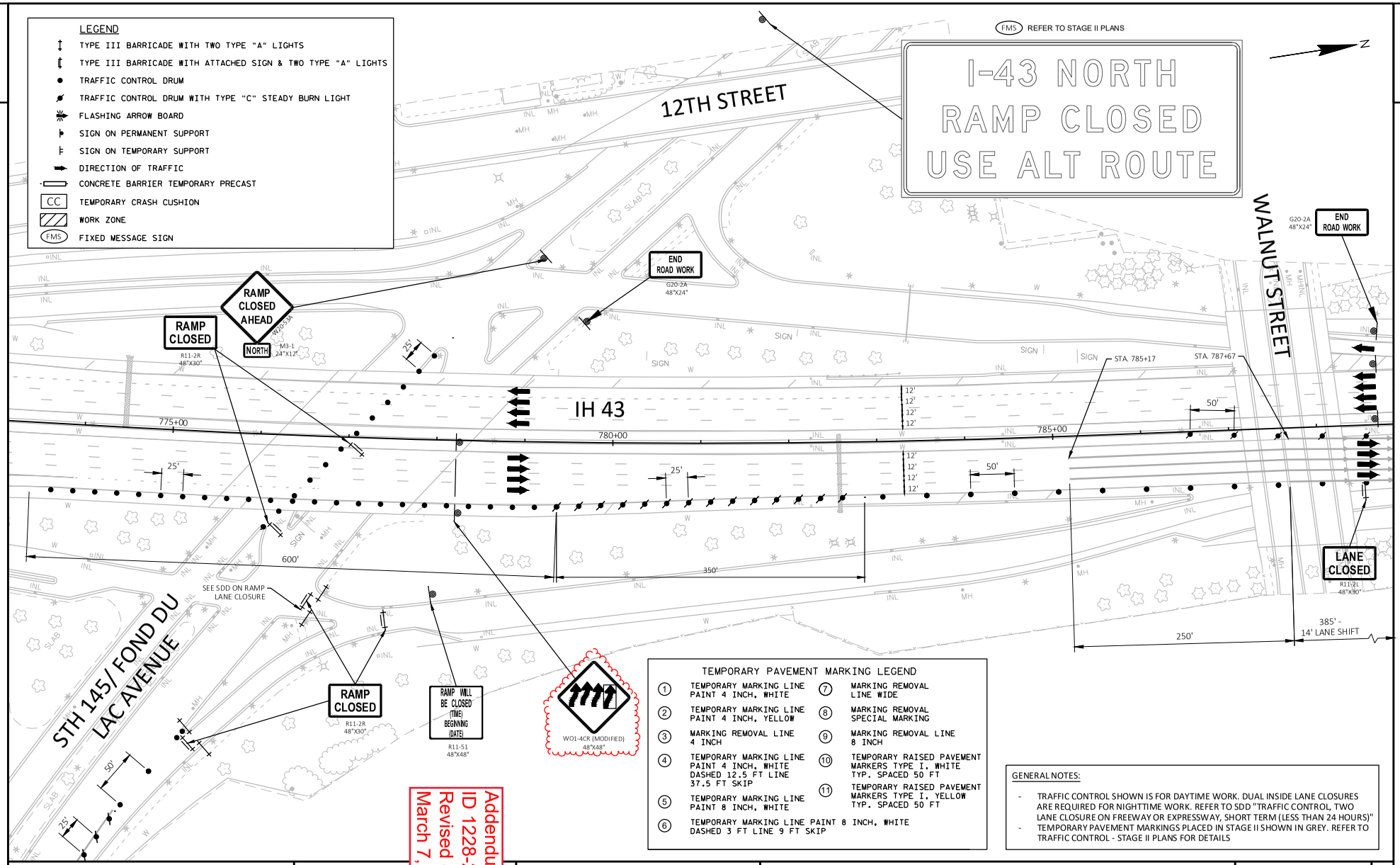
PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE III	SHEET 467	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025003_TC_AD1.DWG
LAYOUT NAME - 025026_tc_AD1
PLOT DATE : 3/1/2023 11:20 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE III	SHEET 468	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025003_TC_AD1.DWG
LAYOUT NAME - 025027_tc_AD1
PLOT DATE : 3/1/2023 9:06 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT

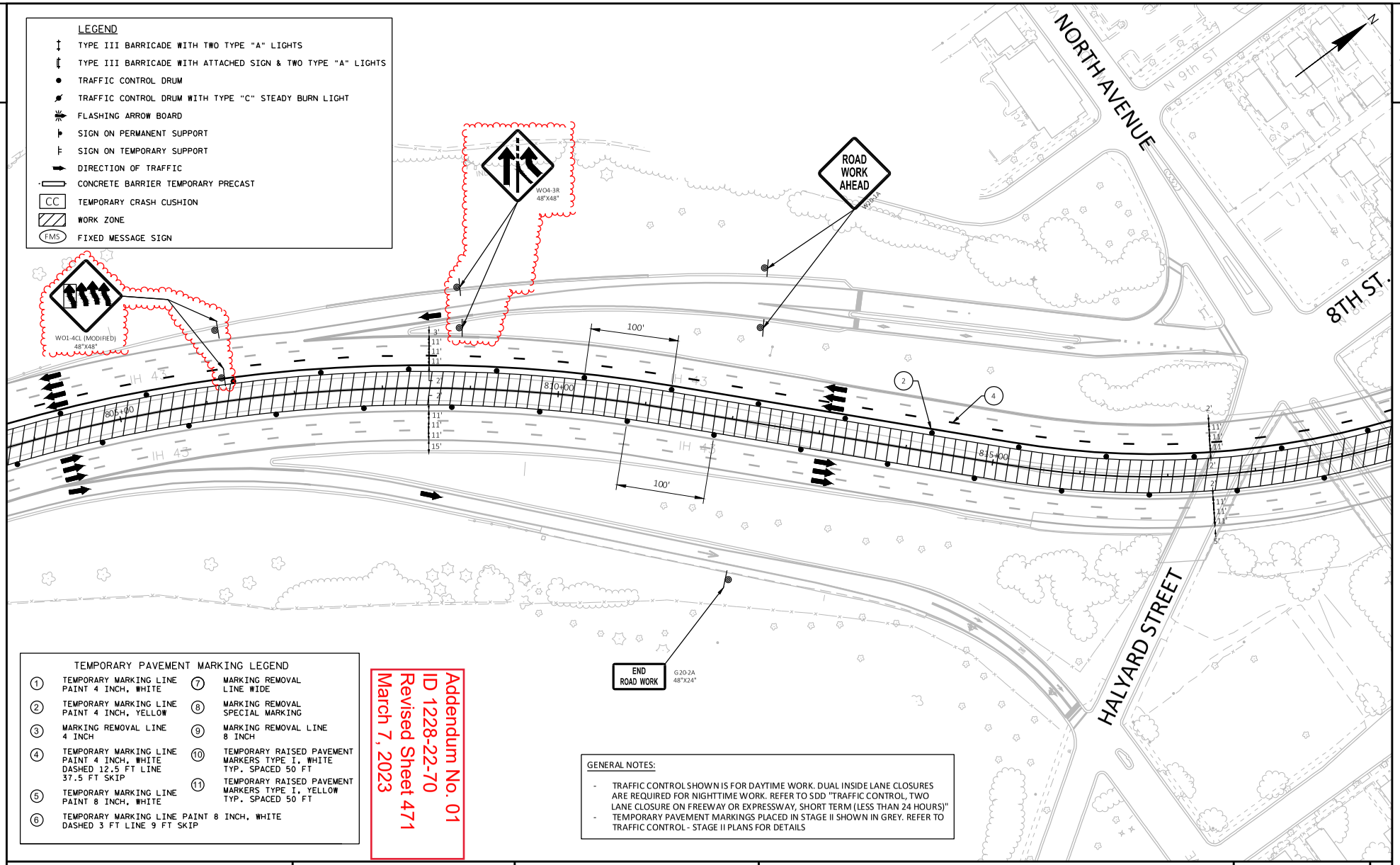
GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"
- TEMPORARY PAVEMENT MARKINGS PLACED IN STAGE II SHOWN IN GREY. REFER TO TRAFFIC CONTROL - STAGE II PLANS FOR DETAILS

Addendum No. 01
ID 1228-22-70
Revised Sheet 469
March 7, 2023

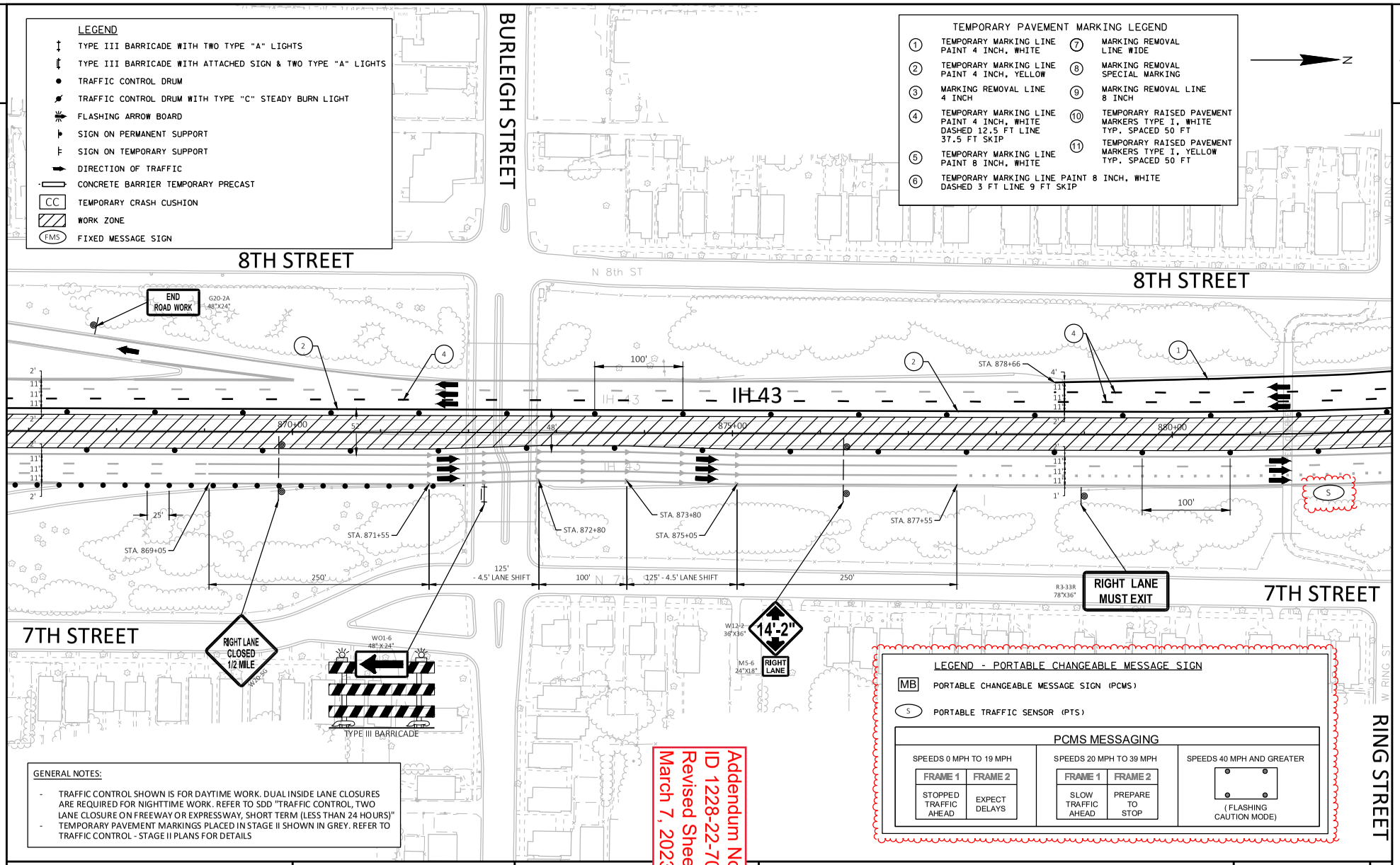
PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE III	SHEET 469	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADD 1.DWG
LAYOUT NAME - 025028_tc_AD1
PLOT DATE : 3/1/2023 10:57 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE III	SHEET 471	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025003_TC_AD1.DWG
LAYOUT NAME - 025030_tc_AD1
PLOT DATE : 3/1/2023 2:51 PM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



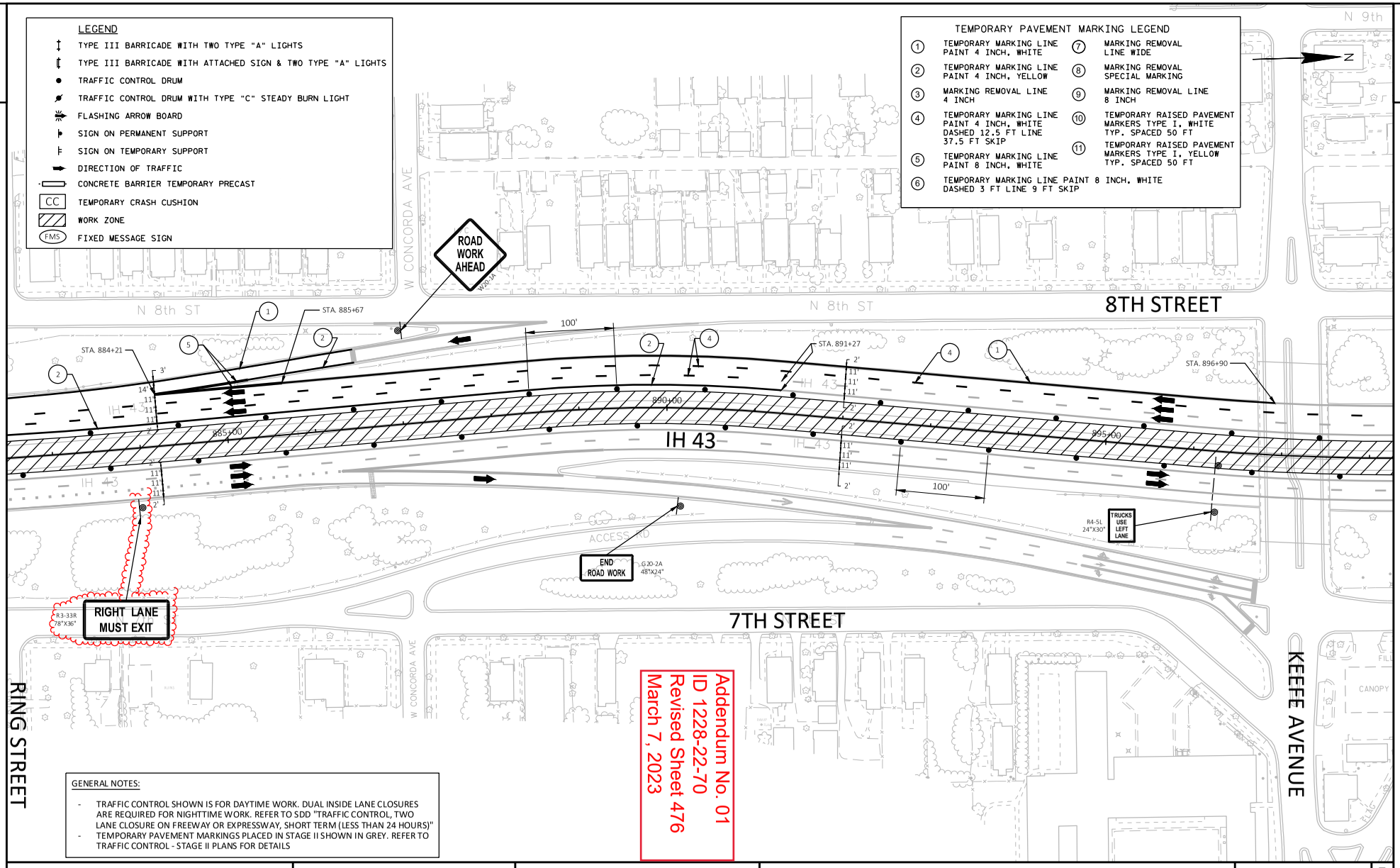
GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"
- TEMPORARY PAVEMENT MARKINGS PLACED IN STAGE II SHOWN IN GREY. REFER TO TRAFFIC CONTROL - STAGE II PLANS FOR DETAILS

Addendum No. 01
ID 1228-22-70
Revised Sheet 475
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE III	SHEET 475	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025003_TC_AD1.DWG
LAYOUT NAME - 025034_tc_AD1
PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



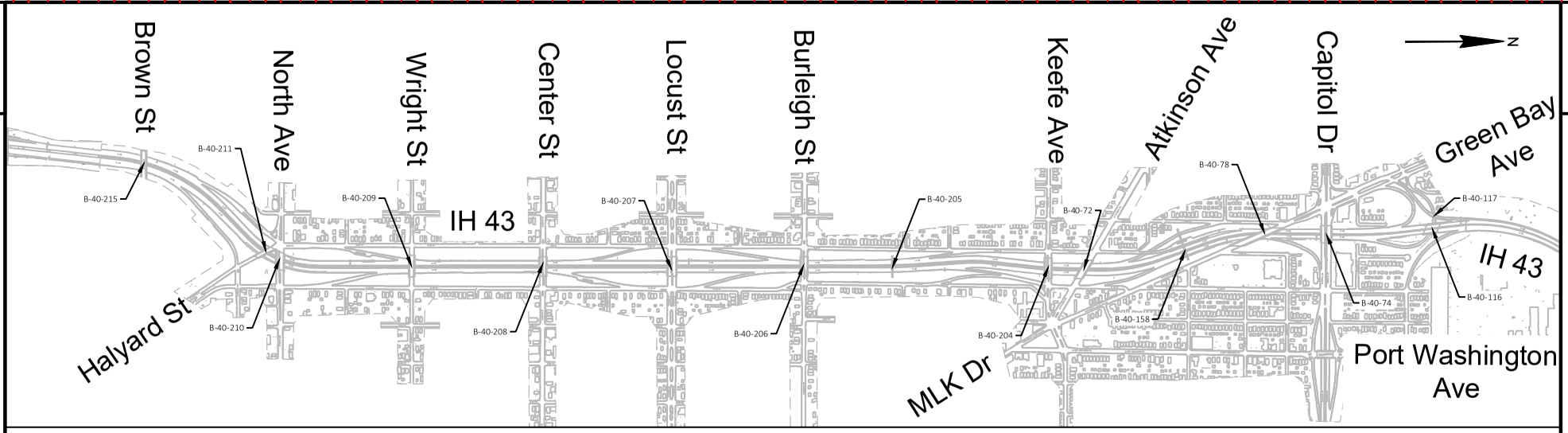
GENERAL NOTES:

- TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)"
- TEMPORARY PAVEMENT MARKINGS PLACED IN STAGE II SHOWN IN GREY. REFER TO TRAFFIC CONTROL - STAGE II PLANS FOR DETAILS

Addendum No. 01
ID 1228-22-70
Revised Sheet 476
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE III	SHEET 476	E

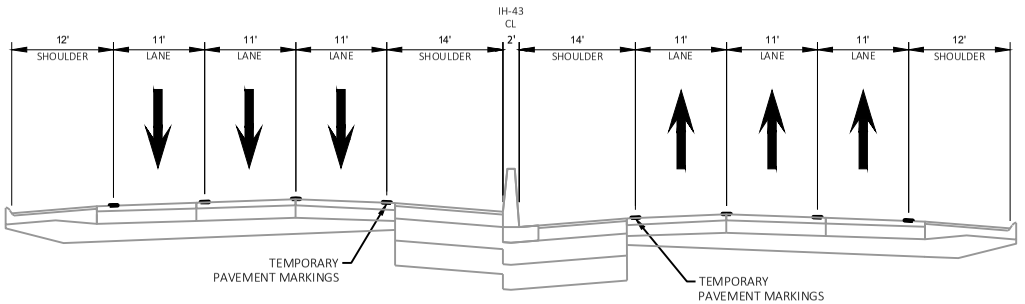
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\025003_TC_AD1.DWG
LAYOUT NAME - 025035_tc_AD1
PLOT DATE : 1/18/2023 7:42 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



IH-43 - WINTER STAGE

TRAFFIC:

- TRAFFIC STAGING DURING WINTER SEASON BETWEEN STAGE III COMPLETION AND BEGINNING OF STAGE IV
  - ALL RAMPS TO REMAIN OPEN DURING WINTER STAGE
- LONG TERM SHIFT INTO SET-UP CONFIGURATION FOR STAGE IV



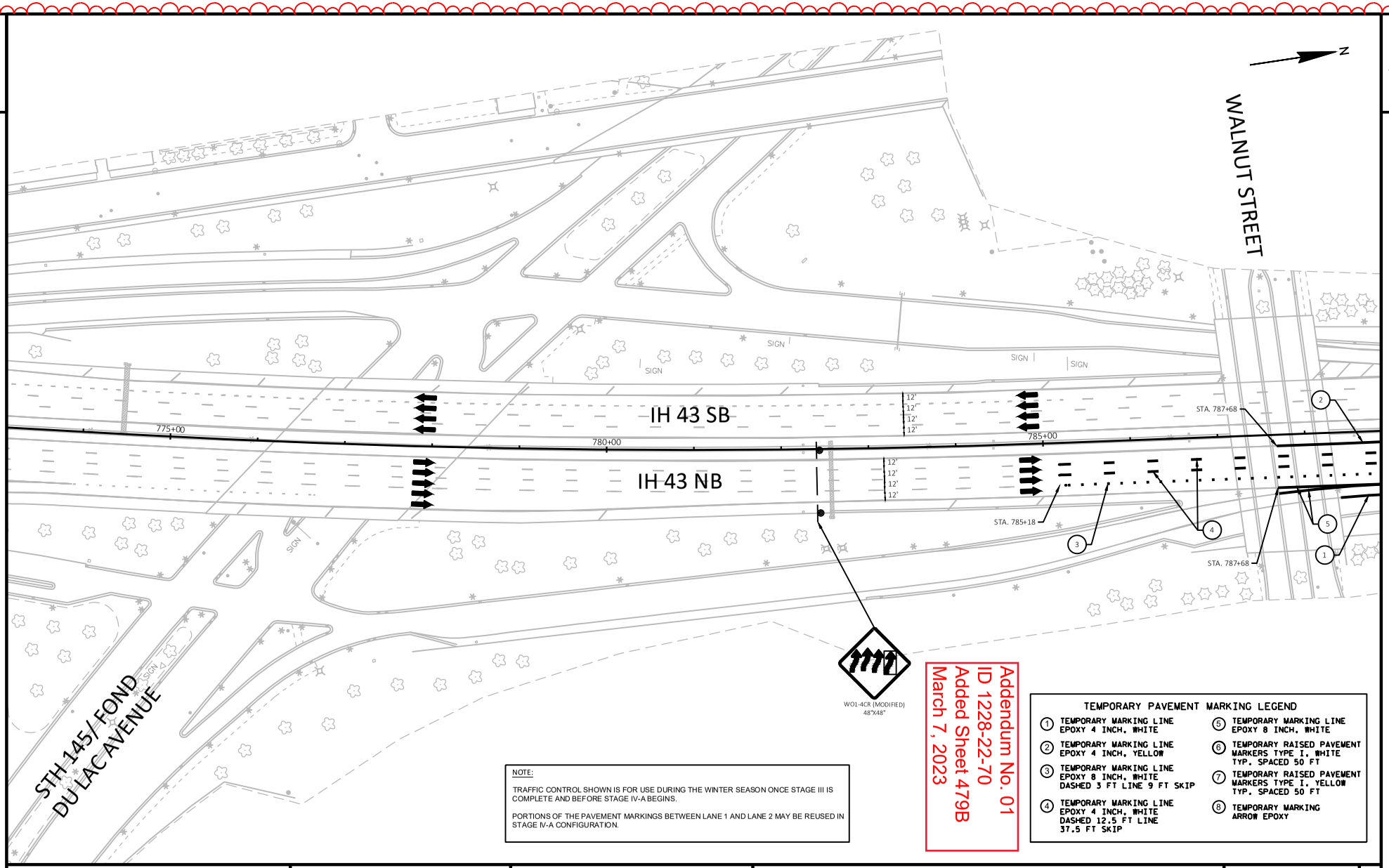
IH-43 WINTER STAGE - TYPICAL SECTION

Addendum No. 01
ID 1228-22-70
Added Sheet 479A
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL WINTER STAGE OVERVIEW	SHEET 479A	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE OVERVIEW.DWG PLOT DATE : 3/1/2023 3:52 PM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:1000 FT
LAYOUT NAME - 00

WISDOT/CADDS SHEET 42



NOTE:

TRAFFIC CONTROL SHOWN IS FOR USE DURING THE WINTER SEASON ONCE STAGE III IS COMPLETE AND BEFORE STAGE IV-A BEGINS.

PORTIONS OF THE PAVEMENT MARKINGS BETWEEN LANE 1 AND LANE 2 MAY BE REUSED IN STAGE IV-A CONFIGURATION.

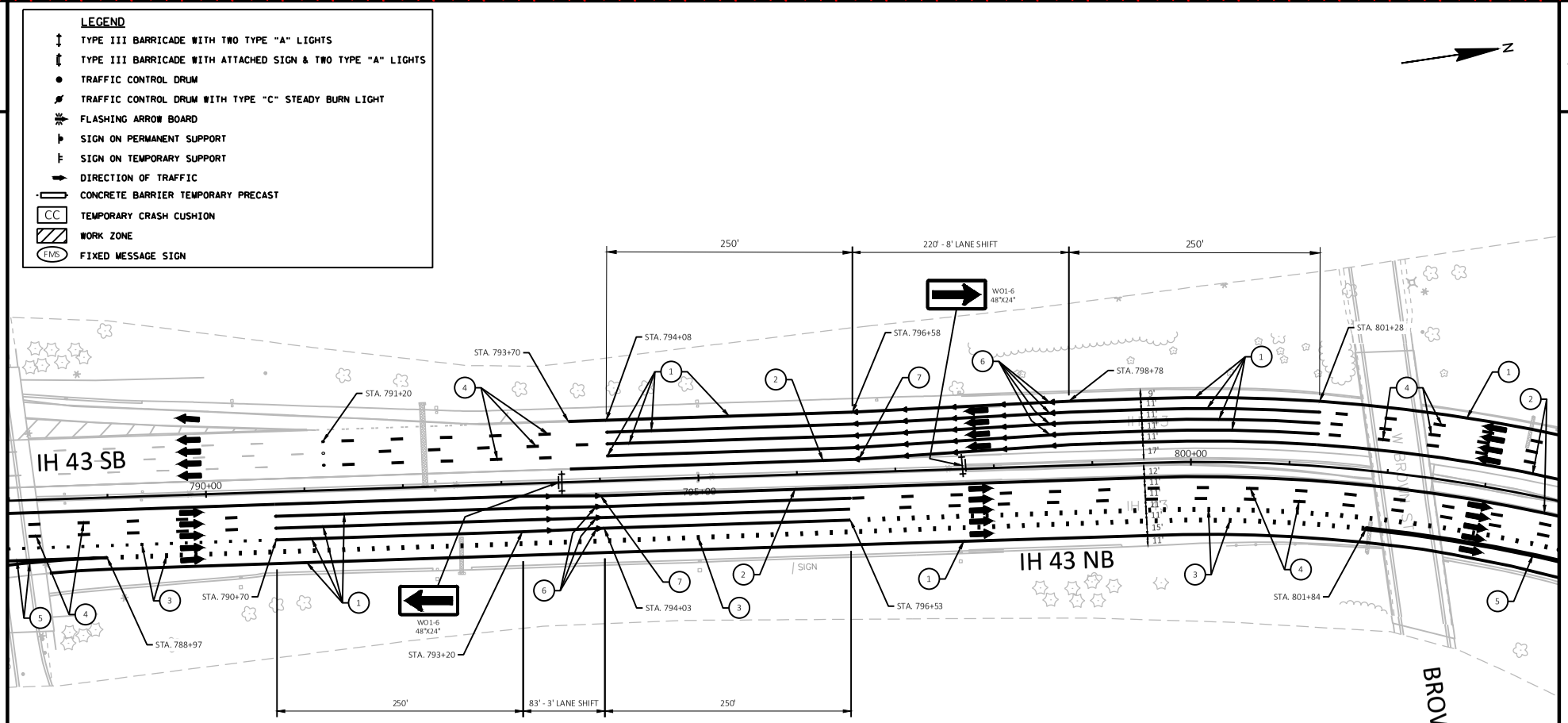
Addendum No. 01
ID 1228-22-70
Added Sheet 479B
March 7, 2023

TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE
2. TEMPORARY MARKING LINE EPOXY 4 INCH, YELLOW
3. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
4. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE
6. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
7. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
8. TEMPORARY MARKING ARROW EPOXY

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479B	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 01
PLOT DATE : 3/1/2023 3:52 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE
2. TEMPORARY MARKING LINE EPOXY 4 INCH, YELLOW
3. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
4. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE
6. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
7. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
8. TEMPORARY MARKING ARROW EPOXY

NOTE:

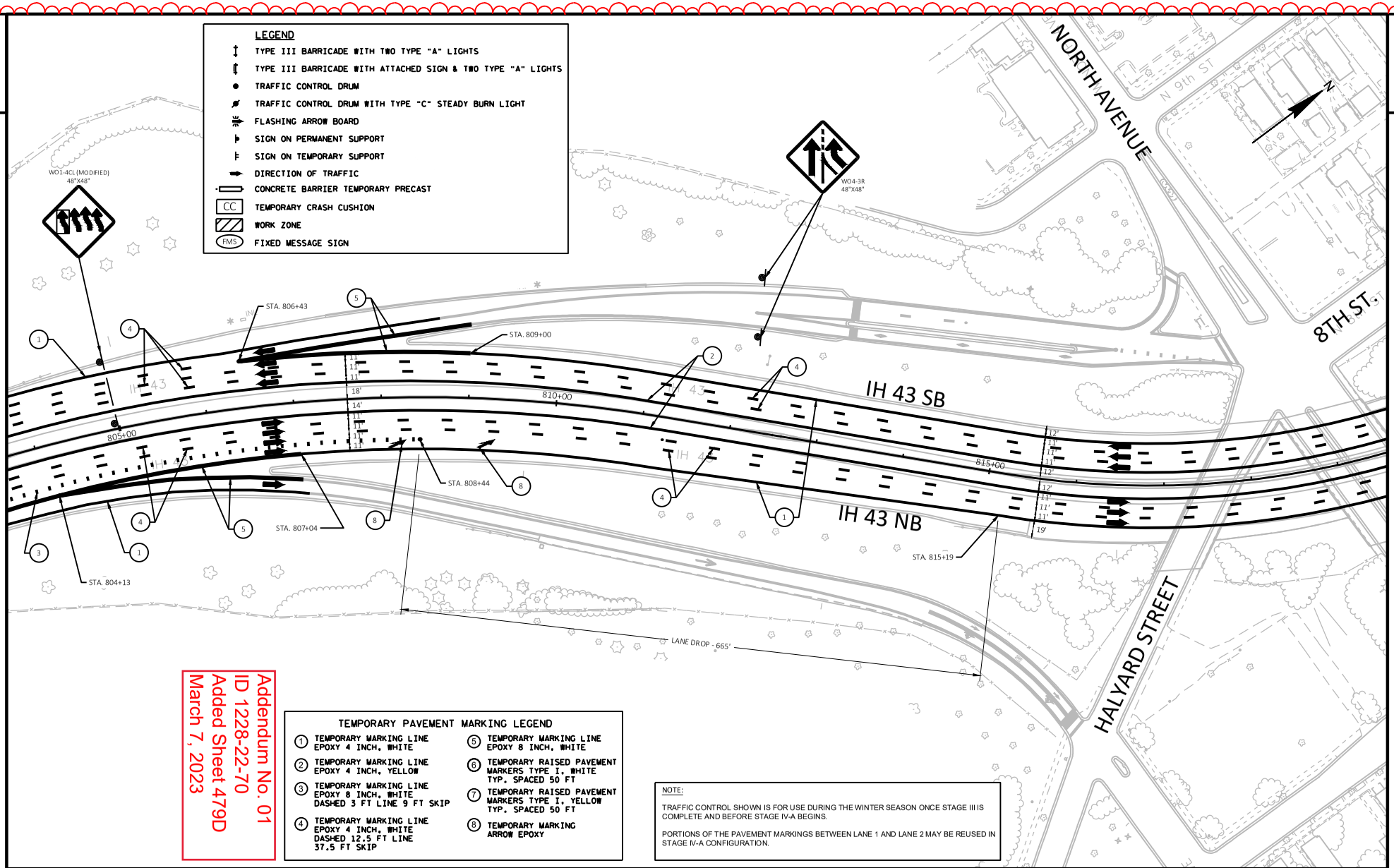
TRAFFIC CONTROL SHOWN IS FOR USE DURING THE WINTER SEASON ONCE STAGE III IS COMPLETE AND BEFORE STAGE IV-A BEGINS.

PORTIONS OF THE PAVEMENT MARKINGS BETWEEN LANE 1 AND LANE 2 MAY BE REUSED IN STAGE IV-A CONFIGURATION.

Addendum No. 01
ID 1228-22-70
Added Sheet 479C
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479C	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 02
PLOT DATE : 3/1/2023 3:53 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



Addendum No. 01
ID 1228-22-70
Added Sheet 479D
March 7, 2023

TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE
2. TEMPORARY MARKING LINE EPOXY 4 INCH, YELLOW
3. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
4. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE
6. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
7. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
8. TEMPORARY MARKING ARROW EPOXY

NOTE:

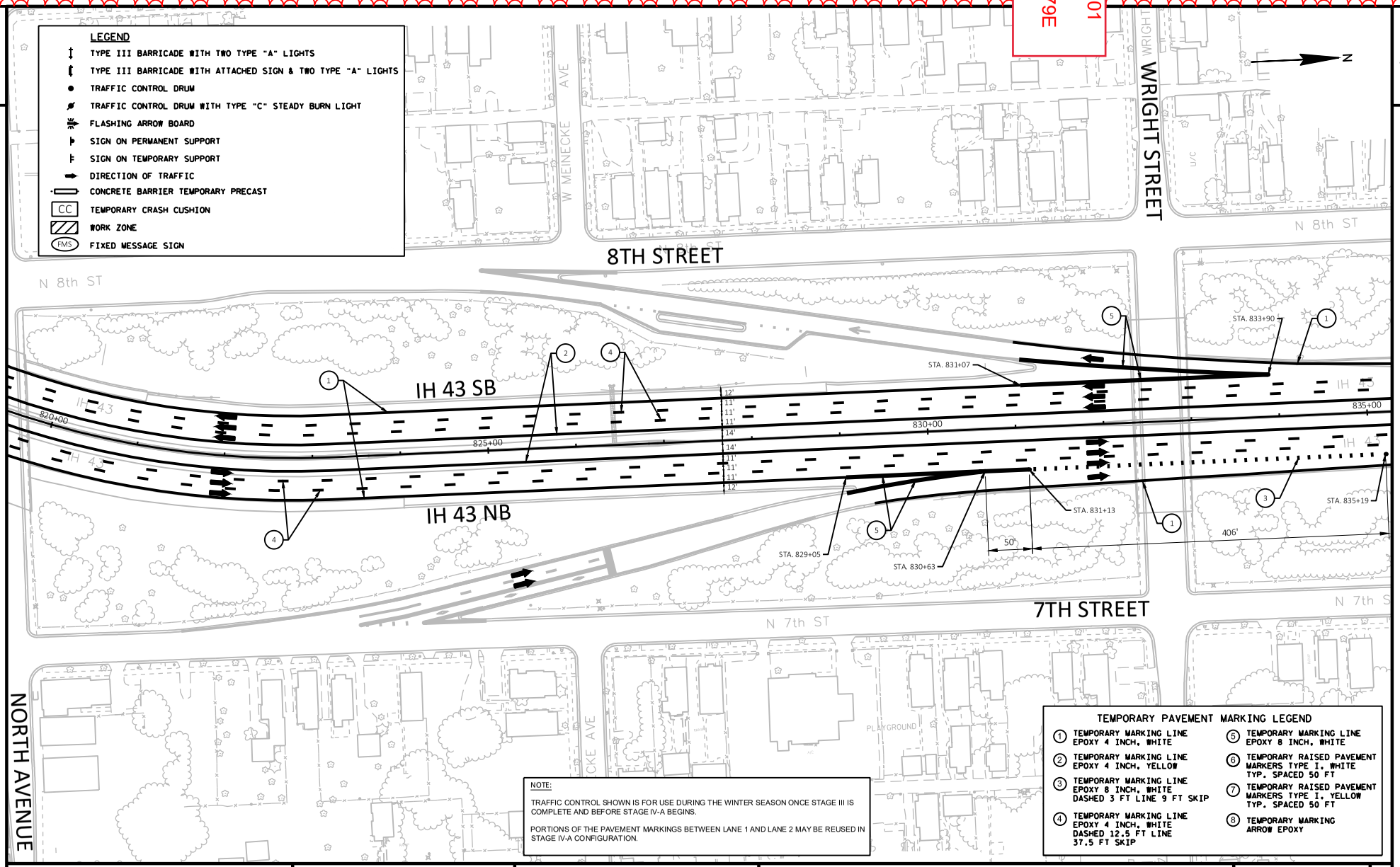
TRAFFIC CONTROL SHOWN IS FOR USE DURING THE WINTER SEASON ONCE STAGE III IS COMPLETE AND BEFORE STAGE IV-A BEGINS.

PORTIONS OF THE PAVEMENT MARKINGS BETWEEN LANE 1 AND LANE 2 MAY BE REUSED IN STAGE IV-A CONFIGURATION.

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479D	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 03
PLOT DATE : 3/1/2023 3:54 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Added Sheet 479E
March 7, 2023



NOTE:

TRAFFIC CONTROL SHOWN IS FOR USE DURING THE WINTER SEASON ONCE STAGE III IS COMPLETE AND BEFORE STAGE IV-A BEGINS.

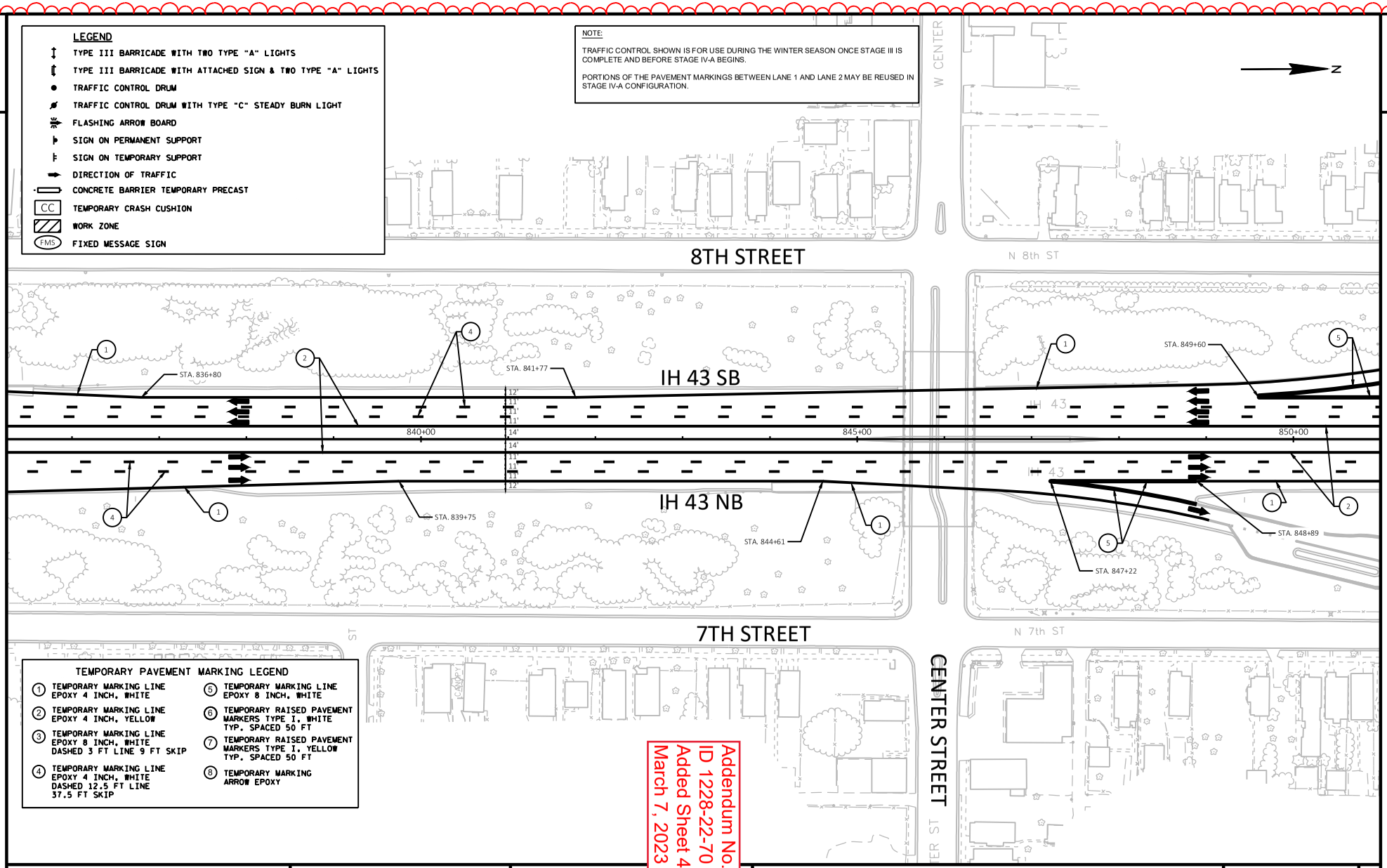
PORTIONS OF THE PAVEMENT MARKINGS BETWEEN LANE 1 AND LANE 2 MAY BE REUSED IN STAGE IV-A CONFIGURATION.

TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE
2. TEMPORARY MARKING LINE EPOXY 4 INCH, YELLOW
3. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
4. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE
6. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
7. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
8. TEMPORARY MARKING ARROW EPOXY

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479E	E

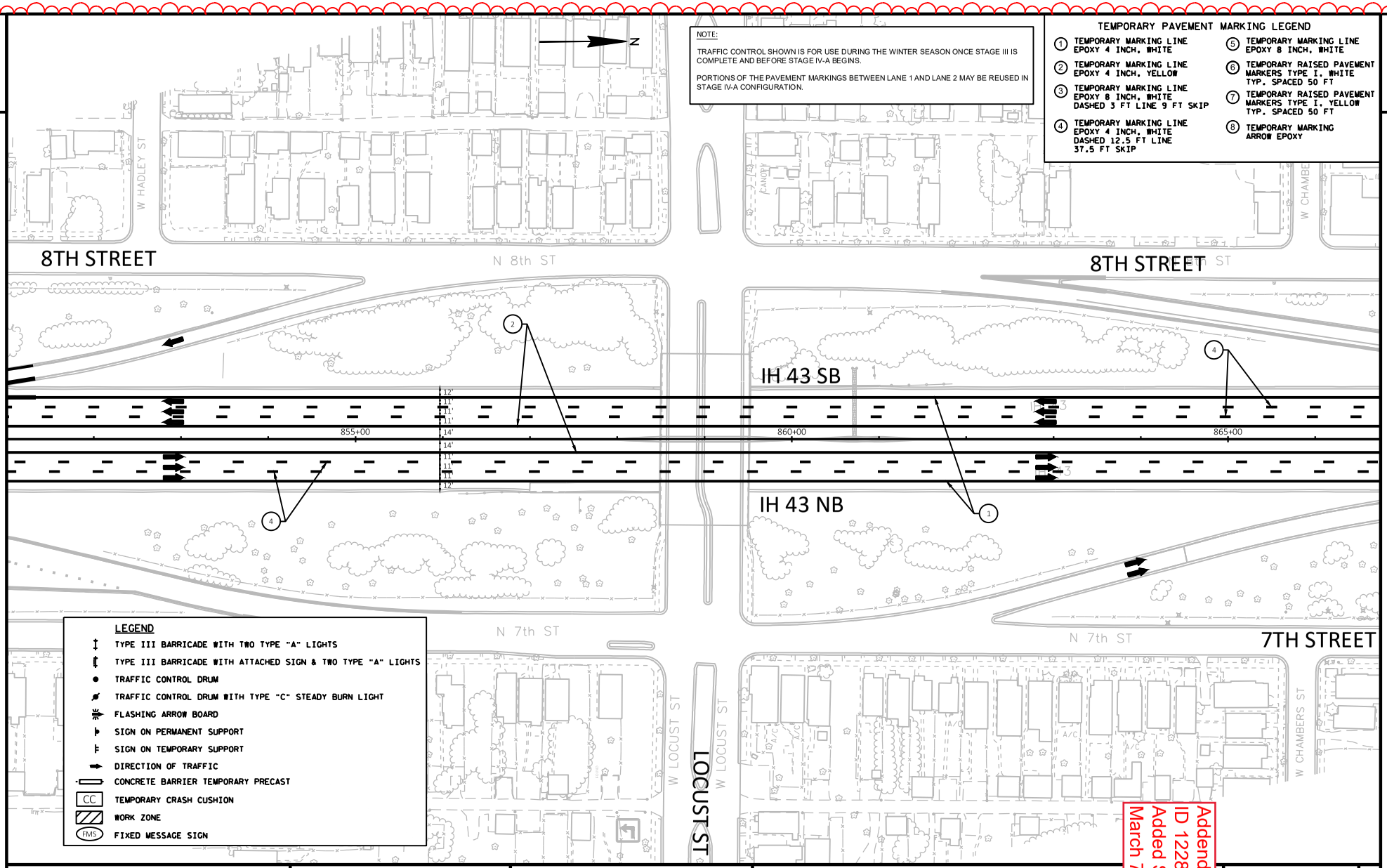
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 04
PLOT DATE : 3/1/2023 3:55 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



Addendum No. 01
ID 1228-22-70
Added Sheet 479F
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479F	E

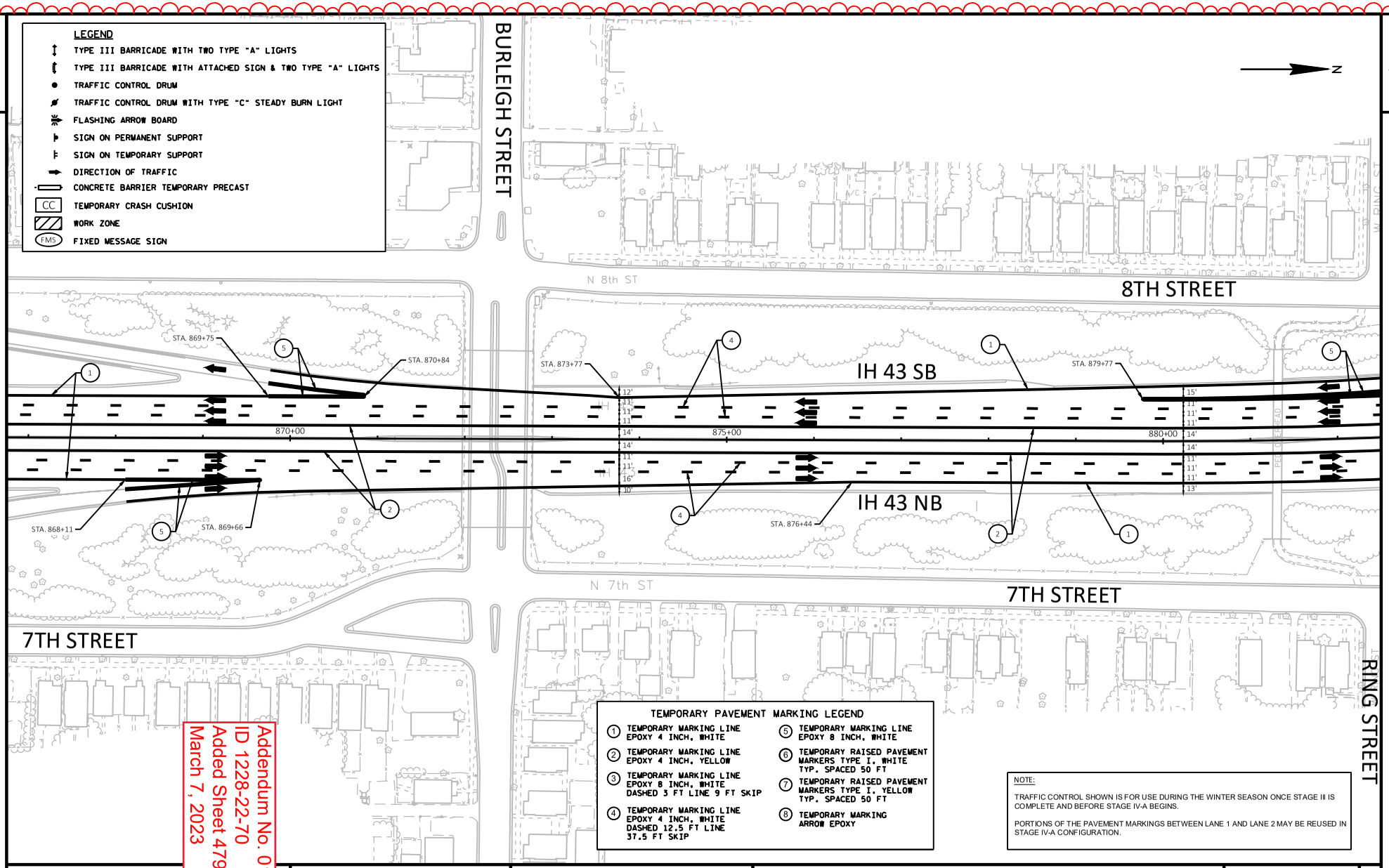
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 05
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479G	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 06
PLOT DATE : 3/1/2023 3:57 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SC
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Added Sheet 479G
March 7, 2023

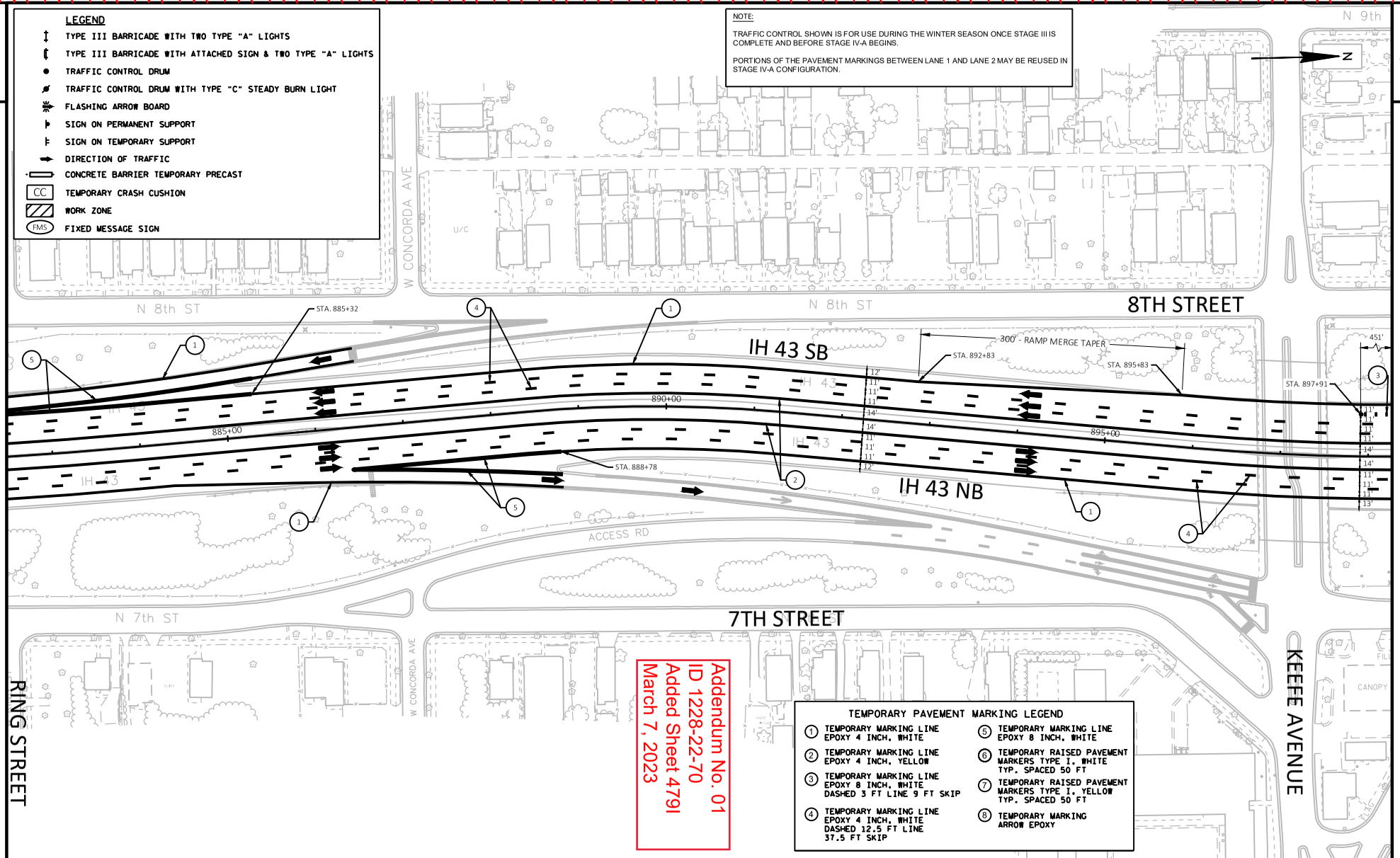


Addendum No. 01
ID 1228-22-70
Added Sheet 479H
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479H	E

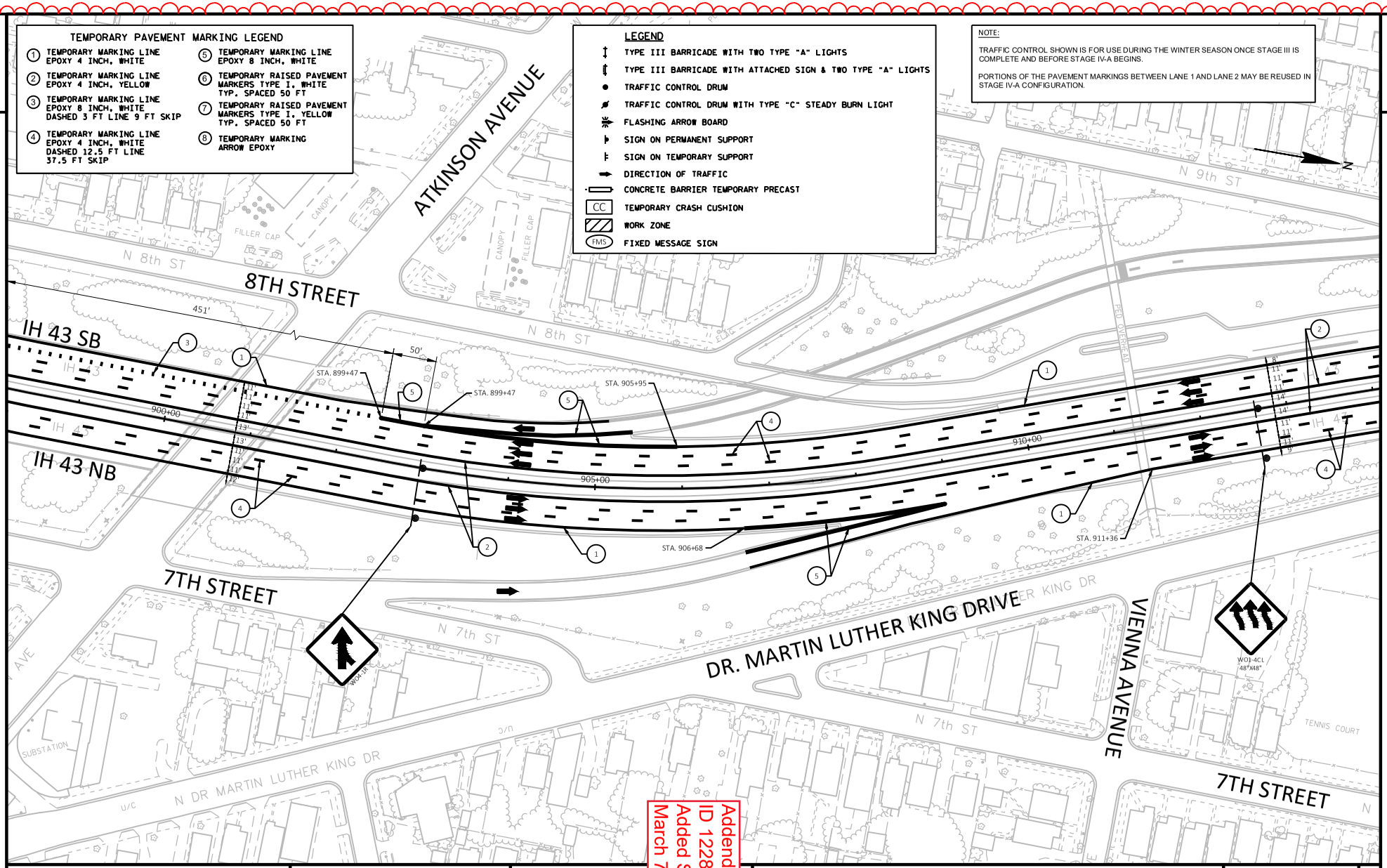
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBL...N\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG PLOT DATE : 3/1/2023 3:58 PM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 07

WISDOT/CADDS SHEET 42



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479I	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 08
PLOT DATE : 3/1/2023 3:59 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 1228-22-70479J
Added Sheet
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479J	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 09
PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

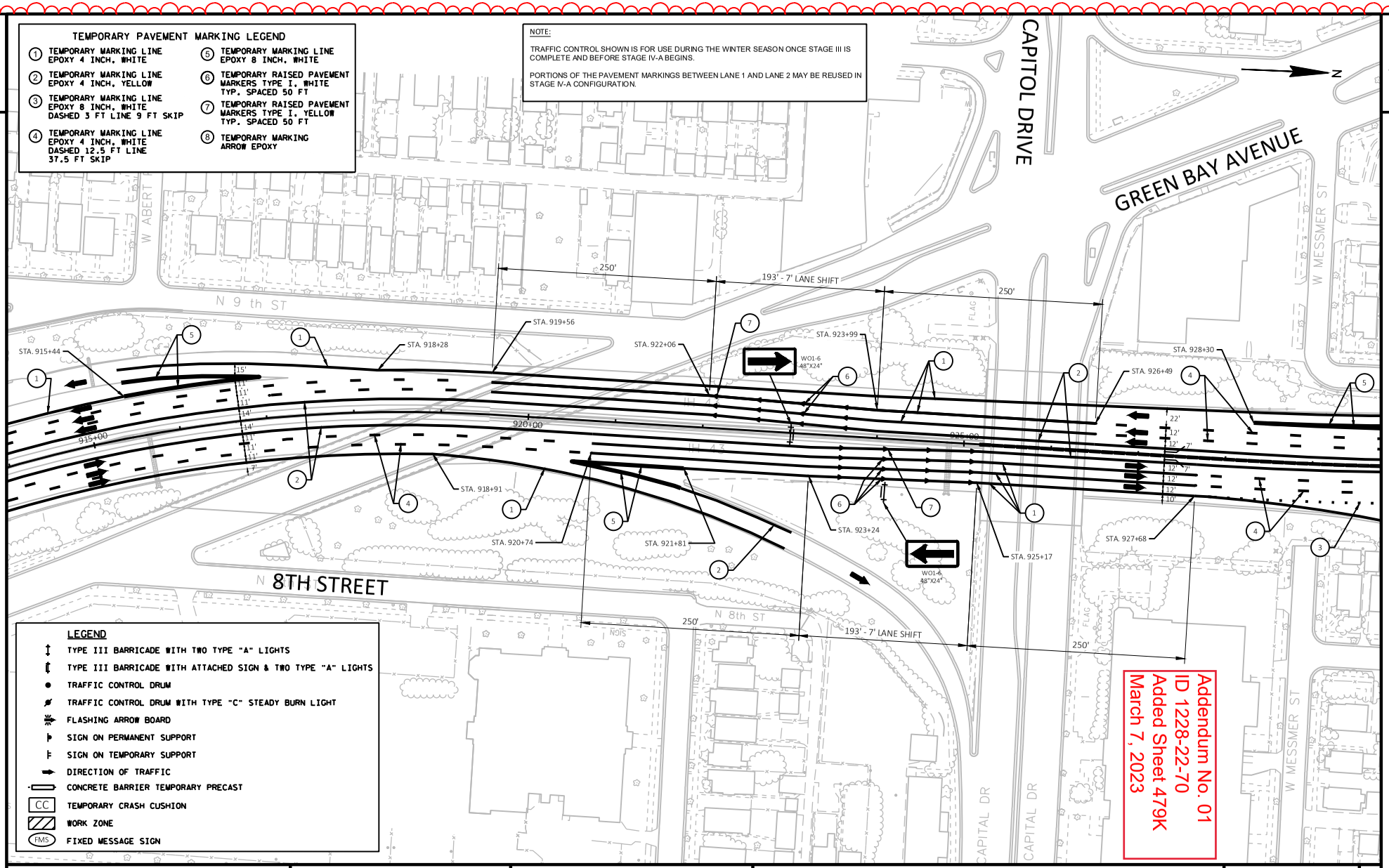
TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE
2. TEMPORARY MARKING LINE EPOXY 4 INCH, YELLOW
3. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
4. TEMPORARY MARKING LINE EPOXY 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE EPOXY 8 INCH, WHITE
6. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
7. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
8. TEMPORARY MARKING ARROW EPOXY

NOTE:

TRAFFIC CONTROL SHOWN IS FOR USE DURING THE WINTER SEASON ONCE STAGE III IS COMPLETE AND BEFORE STAGE IV-A BEGINS.

PORTIONS OF THE PAVEMENT MARKINGS BETWEEN LANE 1 AND LANE 2 MAY BE REUSED IN STAGE IV-A CONFIGURATION.



LEGEND

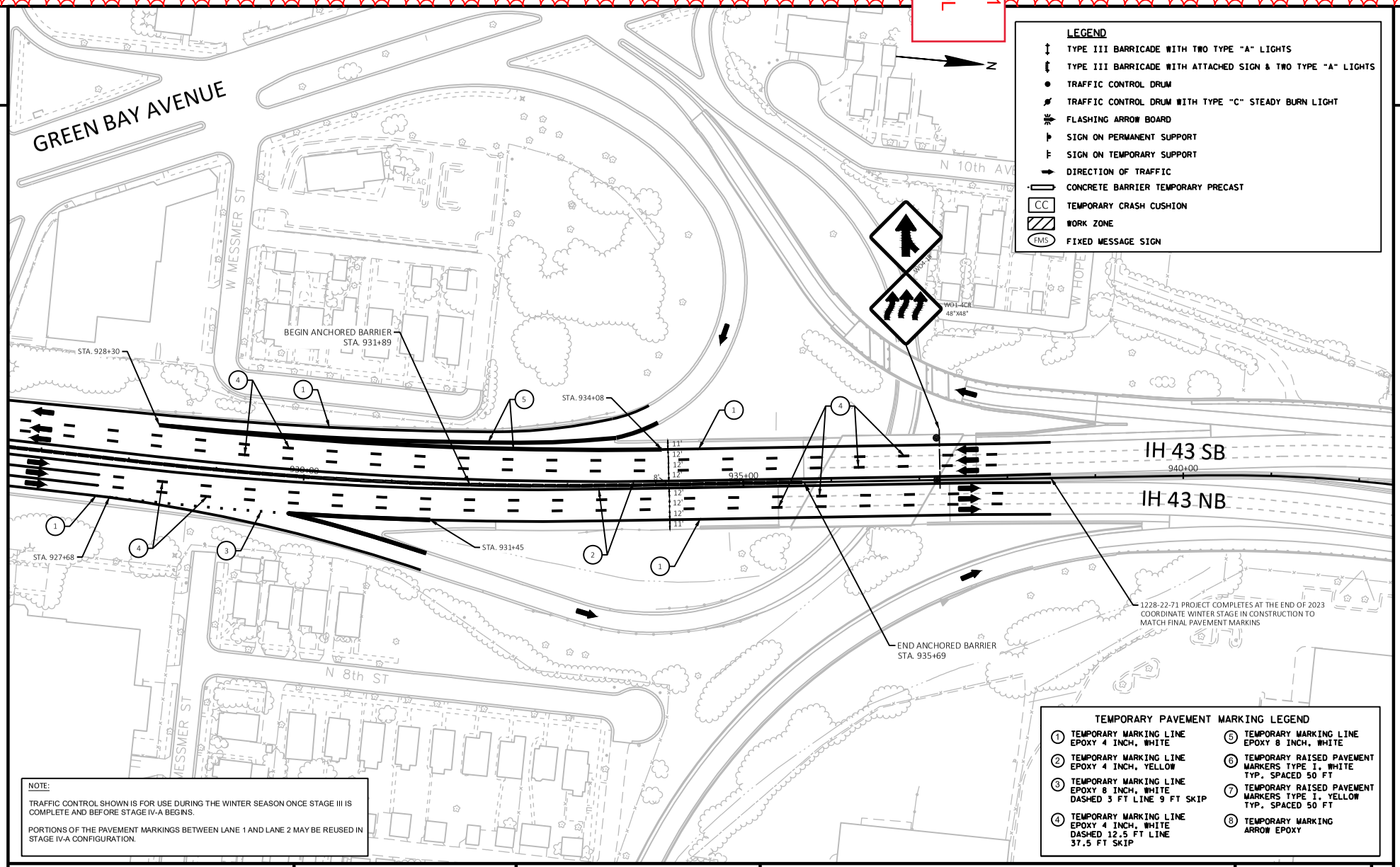
- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS FIXED MESSAGE SIGN

Addendum No. 01
ID 1228-22-70
Added Sheet 479K
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479K	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 10
PLOT DATE : 3/1/2023 4:01 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Added Sheet 479L
March 7, 2023



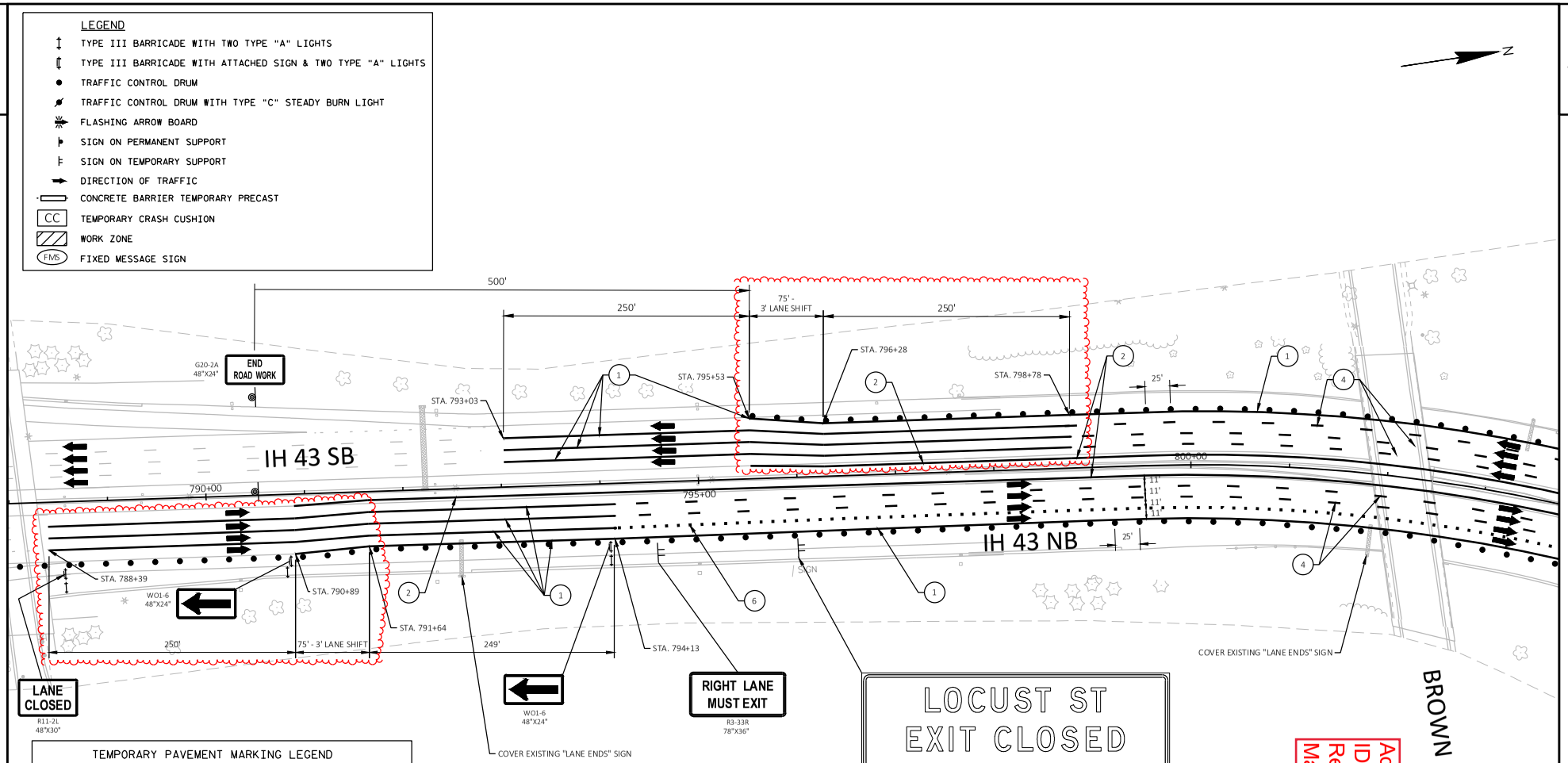
NOTE:

TRAFFIC CONTROL SHOWN IS FOR USE DURING THE WINTER SEASON ONCE STAGE III IS COMPLETE AND BEFORE STAGE IV-A BEGINS.

PORTIONS OF THE PAVEMENT MARKINGS BETWEEN LANE 1 AND LANE 2 MAY BE REUSED IN STAGE IV-A CONFIGURATION.

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - WINTER STAGE	SHEET 479L	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\ADDENDUM 1 - WINTER STAGE.DWG
LAYOUT NAME - 11
PLOT DATE : 3/1/2023 4:02 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
12. TEMPORARY MARKING ARROW PAINT

NOTE:

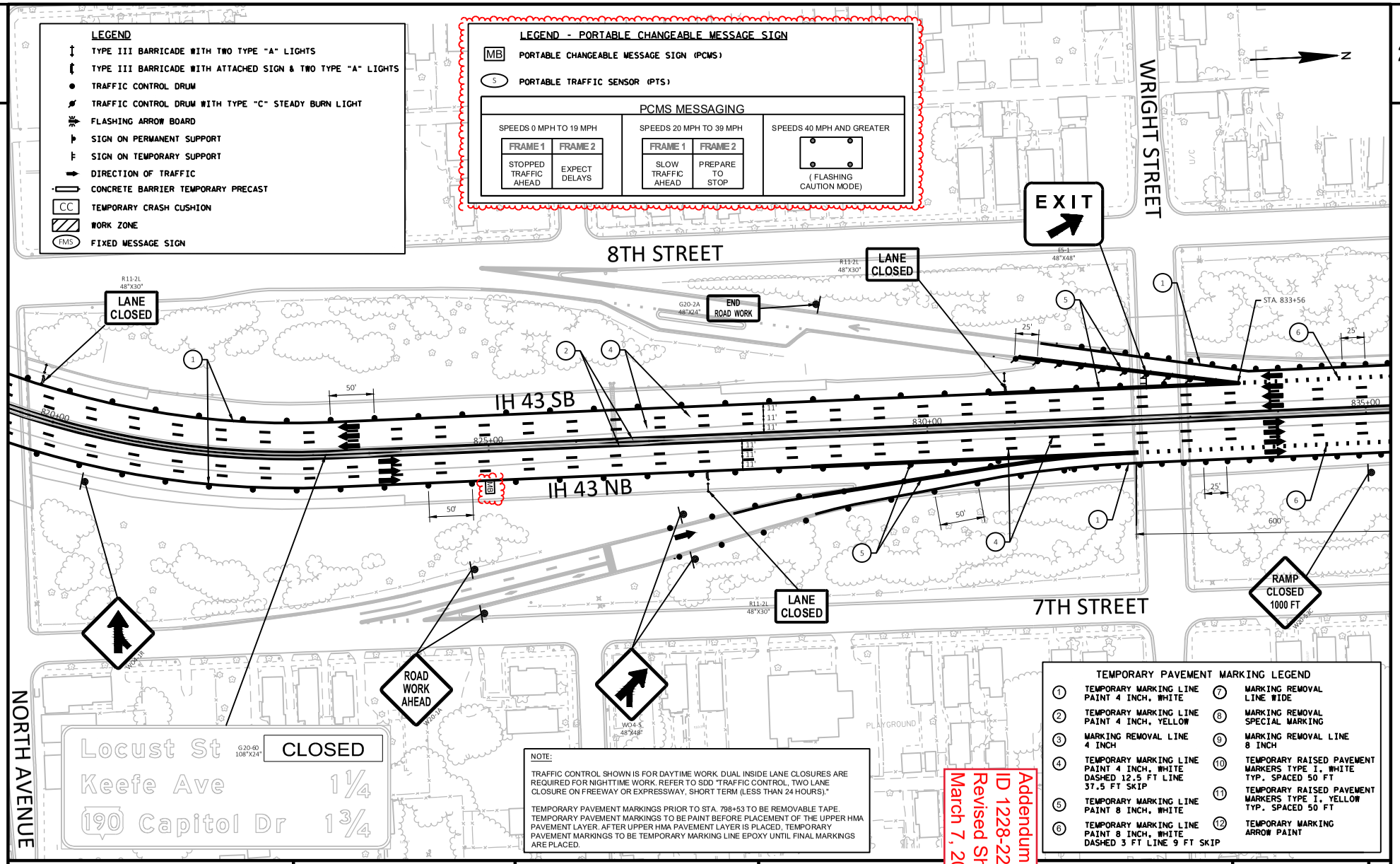
TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)."

TEMPORARY PAVEMENT MARKINGS PRIOR TO STA. 798+53 TO BE REMOVABLE TAPE. TEMPORARY PAVEMENT MARKINGS TO BE PAINT BEFORE PLACEMENT OF THE UPPER HMA PAVEMENT LAYER. AFTER UPPER HMA PAVEMENT LAYER IS PLACED, TEMPORARY PAVEMENT MARKINGS TO BE TEMPORARY MARKING LINE EPOXY UNTIL FINAL MARKINGS ARE PLACED.

Addendum No. 01
ID 1228-22-70
Revised Sheet 483
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-A	SHEET 483	E

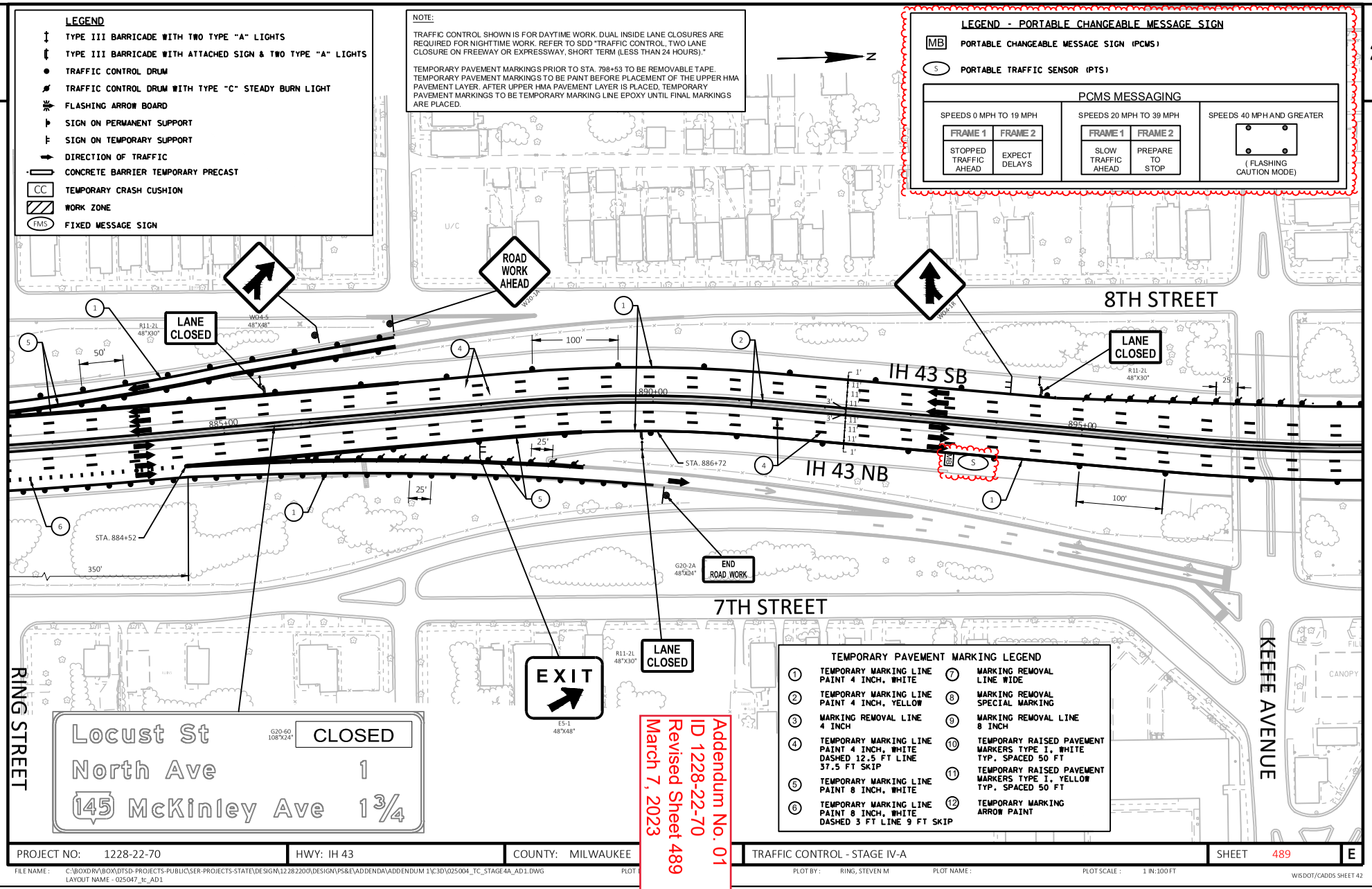
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\025004_TC_STAGE4A_AD1.DWG
LAYOUT NAME - 025041_tc_AD1
PLOT DATE : 1/18/2023 7:42 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 1228-22-70
Revised Sheet 485
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-A	SHEET 485	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025004_TC_STAGE4A_AD1.DWG
LAYOUT NAME - 025043_tc_AD1
PLOT DATE : 3/1/2023 1:33 PM
PLOT BY : RING, STEVEN M
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 1228-22-70
Revised Sheet 489
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-A	SHEET 489	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025004_TC_STAGE4A_AD1.DWG
LAYOUT NAME - 025047_tc_AD1
PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 491
March 7, 2023

2

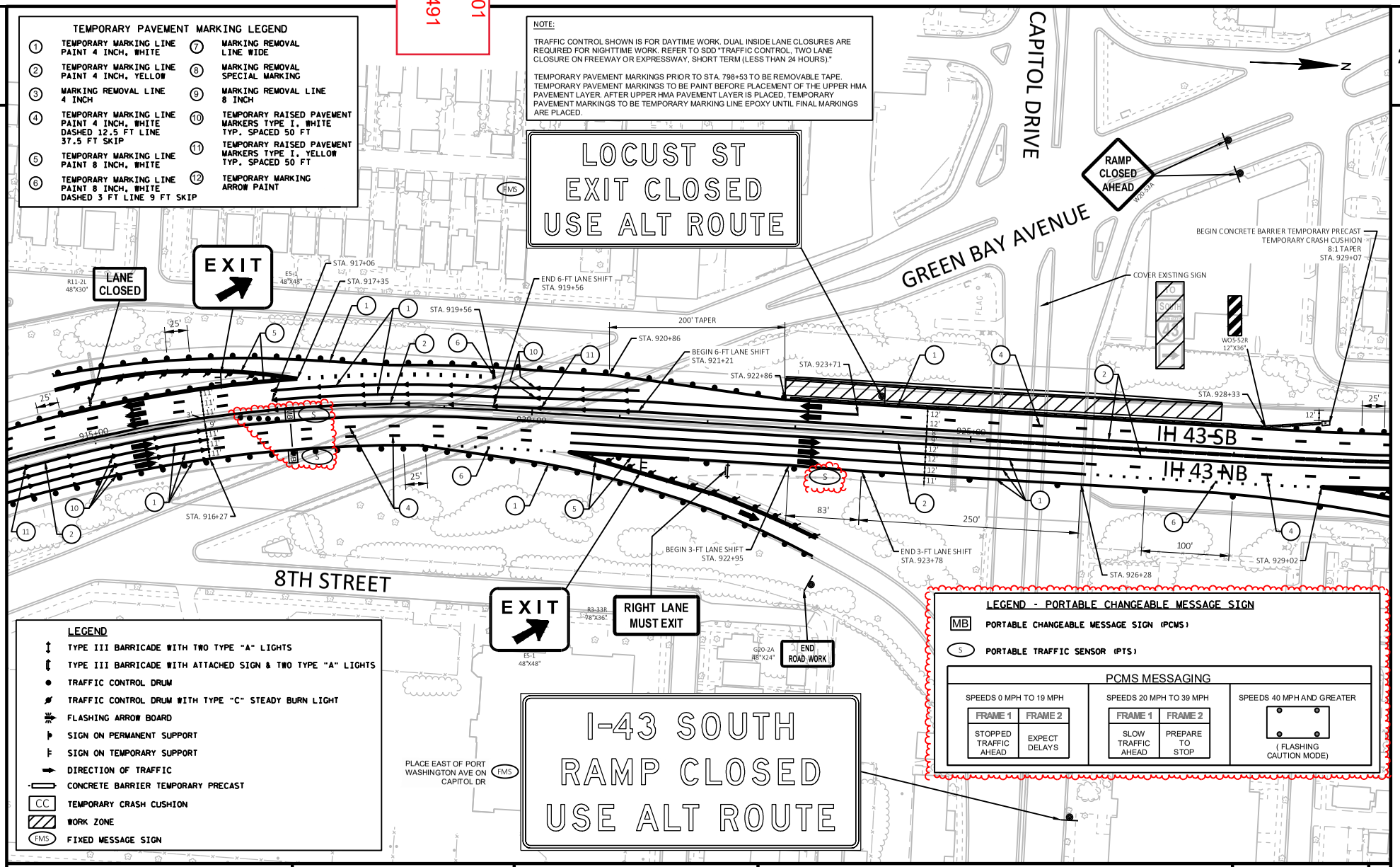
TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
12. TEMPORARY MARKING ARROW PAINT

NOTE:

TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)."

TEMPORARY PAVEMENT MARKINGS PRIOR TO STA. 798+53 TO BE REMOVABLE TAPE. TEMPORARY PAVEMENT MARKINGS TO BE PAINT BEFORE PLACEMENT OF THE UPPER HMA PAVEMENT LAYER. AFTER UPPER HMA PAVEMENT LAYER IS PLACED, TEMPORARY PAVEMENT MARKINGS TO BE TEMPORARY MARKING LINE EPOXY UNTIL FINAL MARKINGS ARE PLACED.



LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC — TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS — FIXED MESSAGE SIGN

LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

- MB — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- S — PORTABLE TRAFFIC SENSOR (PTS)

PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-A	SHEET 491	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025004_TC_STAGE4A_AD1.DWG
LAYOUT NAME - 025049_tc_AD1
PLOT DATE : 3/1/2023 1:22 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1228-22-70
Revised Sheet 495
March 7, 2023

2

TEMPORARY PAVEMENT MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE	7	MARKING REMOVAL LINE WIDE
2	TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW	8	MARKING REMOVAL SPECIAL MARKING
3	MARKING REMOVAL LINE 4 INCH	9	MARKING REMOVAL LINE 8 INCH
4	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP	10	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
5	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE	11	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
6	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP	12	TEMPORARY MARKING ARROW PAINT

MILWAUKEE RIVER

HAMPTON AVE

N

ROAD WORK AHEAD

LANE CLOSED

R11-2L 48"X30"

660' LANE CLOSURE

STA. 974+88

STA. 982+00

STA. 969+69

25'

50'

100'

970+00

975+00

980+00

985+0

IH 43 SB

IH 43 NB

PORT WASHINGTON RD

RIPRAP

A/C

LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC — TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS — FIXED MESSAGE SIGN

NOTE:

TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)."

TEMPORARY PAVEMENT MARKINGS PRIOR TO STA. 798+53 TO BE REMOVABLE TAPE. TEMPORARY PAVEMENT MARKINGS TO BE PAINT BEFORE PLACEMENT OF THE UPPER HMA PAVEMENT LAYER. AFTER UPPER HMA PAVEMENT LAYER IS PLACED, TEMPORARY PAVEMENT MARKINGS TO BE TEMPORARY MARKING LINE EPOXY UNTIL FINAL MARKINGS ARE PLACED.

LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

- MB — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- S — PORTABLE TRAFFIC SENSOR (PTS)

PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

PROJECT NO:	HWY:	COUNTY:		SHEET	
1228-22-70	IH 43	MILWAUKEE	TRAFFIC CONTROL - STAGE IV-A	495	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025004_TC_STAGE4A_AD1.DWG
LAYOUT NAME - 025053_tc_AD1
PLOT DATE : 2/27/2023 11:57 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

TEMPORARY PAVEMENT MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE	7	MARKING REMOVAL LINE WIDE
2	TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW	8	MARKING REMOVAL SPECIAL MARKING
3	MARKING REMOVAL LINE 4 INCH	9	MARKING REMOVAL LINE 8 INCH
4	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP	10	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
5	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE	11	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
6	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP	12	TEMPORARY MARKING ARROW PAINT

NOTE:

TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)."

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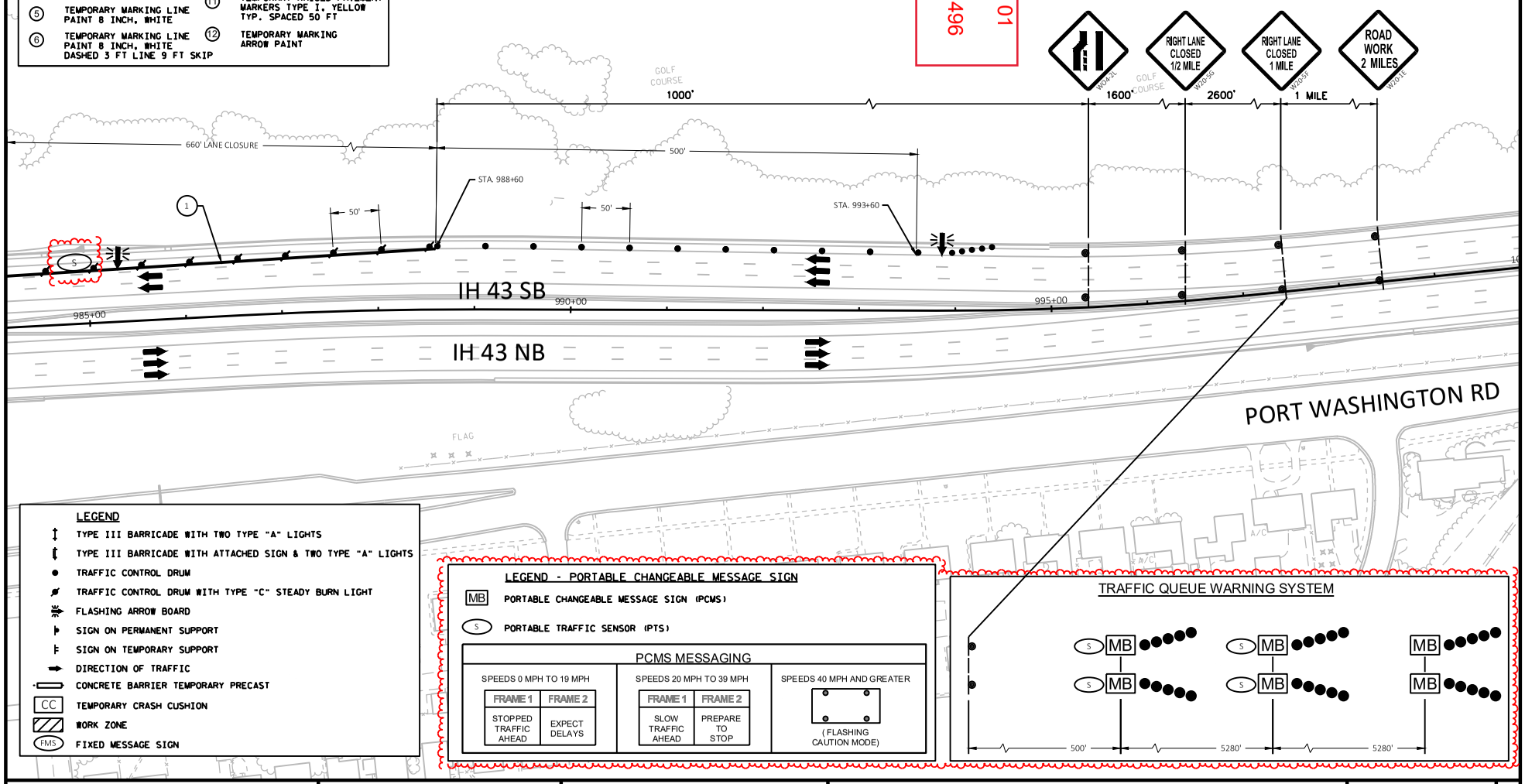
Addendum No. 01
ID 1228-22-70
Revised Sheet 496
March 7, 2023



LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC — TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS — FIXED MESSAGE SIGN

LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

MB — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

S — PORTABLE TRAFFIC SENSOR (PTS)

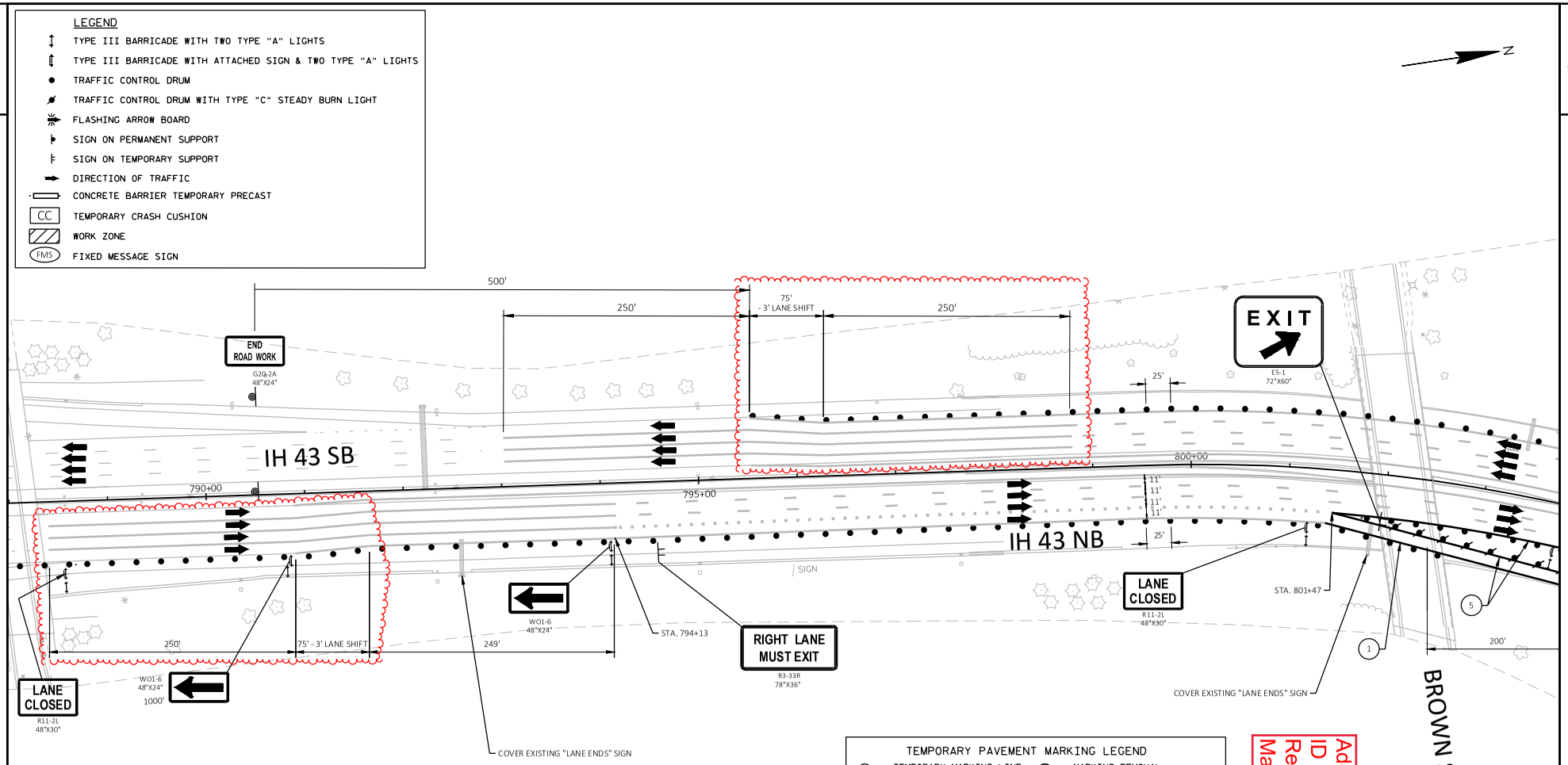
PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

TRAFFIC QUEUE WARNING SYSTEM

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-A	SHEET 496	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025004_TC_STAGE4A_AD1.DWG
LAYOUT NAME - 025054_tc_AD1
PLOT DATE : 2/27/2023 11:51 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



NOTE:

TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)."

TEMPORARY PAVEMENT MARKINGS PRIOR TO STA. 798+53 TO BE REMOVABLE TAPE. EXISTING TEMPORARY PAVEMENT MARKINGS PLACED IN STAGE IV-A TO BE REUSED. TEMPORARY PAVEMENT MARKINGS TO BE PAINT BEFORE PLACEMENT OF THE UPPER HMA PAVEMENT LAYER. AFTER UPPER HMA PAVEMENT LAYER IS PLACED, TEMPORARY PAVEMENT MARKINGS TO BE TEMPORARY MARKING LINE EPOXY UNTIL FINAL MARKINGS ARE PLACED.

TEMPORARY PAVEMENT MARKING LEGEND

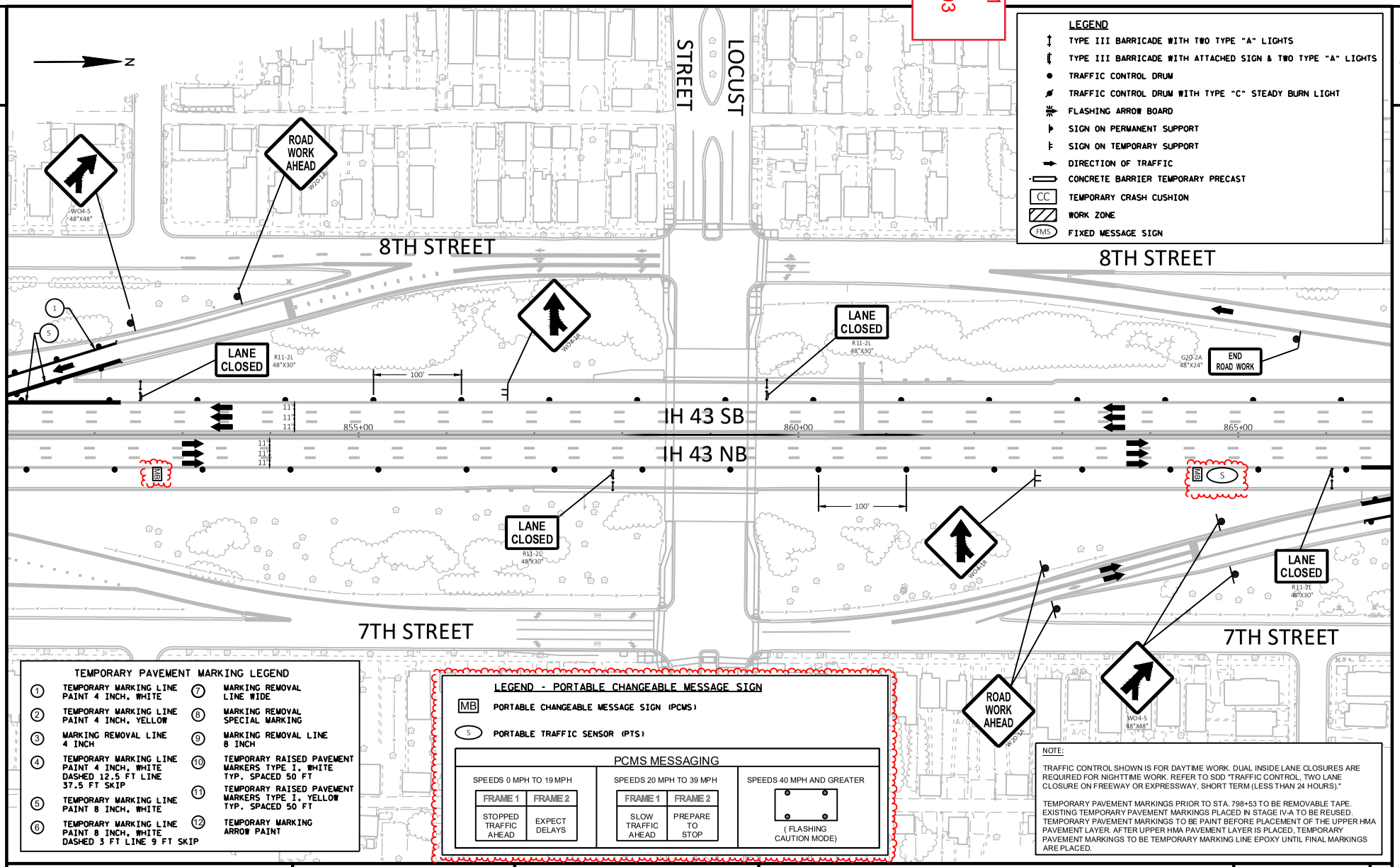
1	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE	7	MARKING REMOVAL LINE WIDE
2	TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW	8	MARKING REMOVAL SPECIAL MARKING
3	MARKING REMOVAL LINE 4 INCH	9	MARKING REMOVAL LINE 8 INCH
4	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP	10	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
5	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE	11	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
6	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP	12	TEMPORARY MARKING ARROW PAINT

Addendum No. 01
ID 1228-22-70
Revised Sheet 499
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-B	SHEET 499	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\025004_TC_STAGE4B_AD1.DWG
LAYOUT NAME - 025057_tc_AD1
PLOT DATE : 1/18/2023 7:43 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 503
March 7, 2023



TEMPORARY PAVEMENT MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE	7	MARKING REMOVAL LINE WIDE
2	TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW	8	MARKING REMOVAL SPECIAL MARKING
3	MARKING REMOVAL LINE 4 INCH	9	MARKING REMOVAL LINE 8 INCH
4	TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP	10	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
5	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE	11	TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT
6	TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP	12	TEMPORARY MARKING ARROW PAINT

LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

MB — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

S — PORTABLE TRAFFIC SENSOR (PTS)

PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

NOTE:

TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)."

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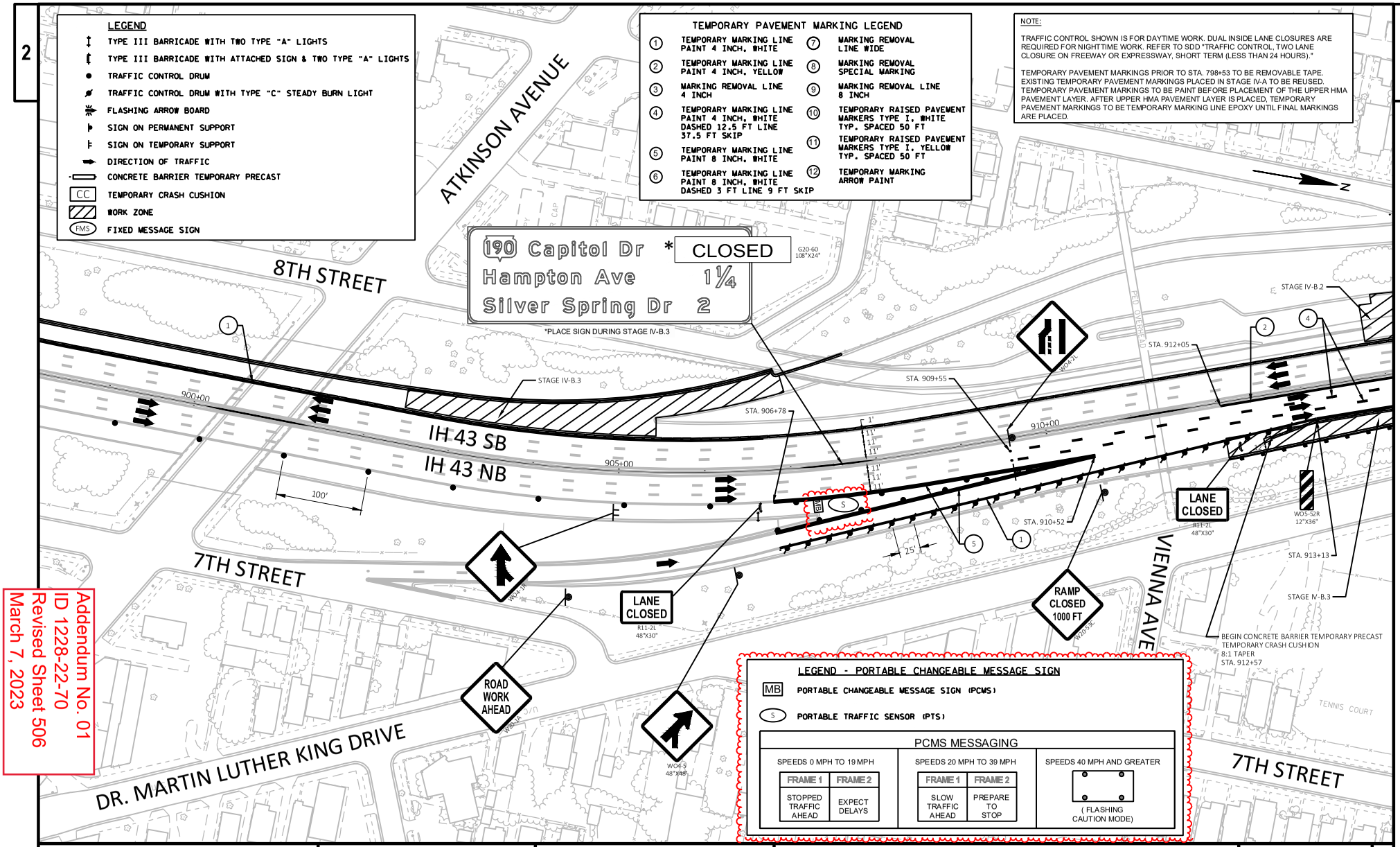
PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-B	SHEET 503	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025004_TC_STAGE4B_AD1.DWG
LAYOUT NAME - 025061_tc_AD1
PLOT DATE : 3/1/2023 2:33 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

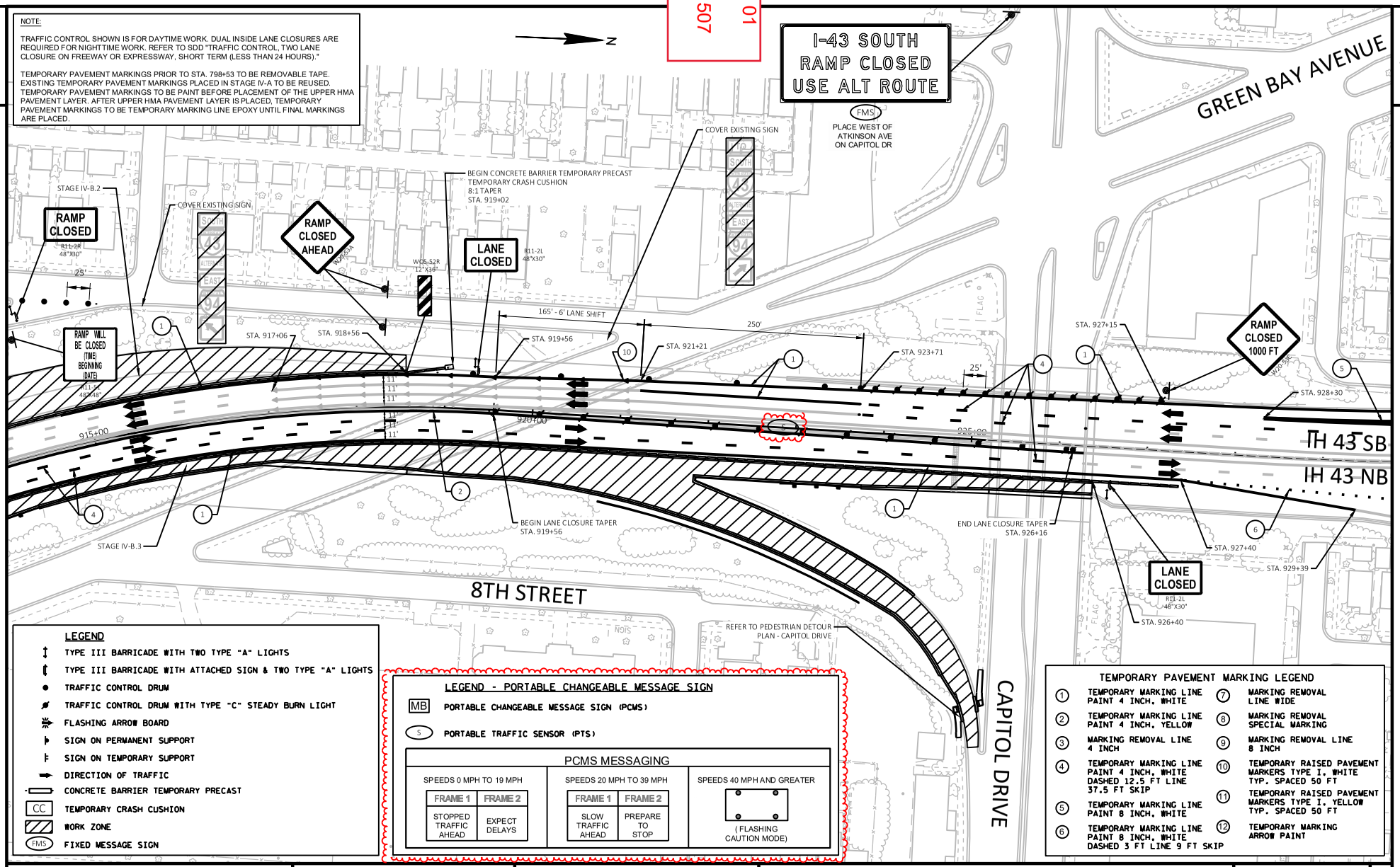


Addendum No. 01
ID 1228-22-70
Revised Sheet 506
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-B	SHEET 506	E

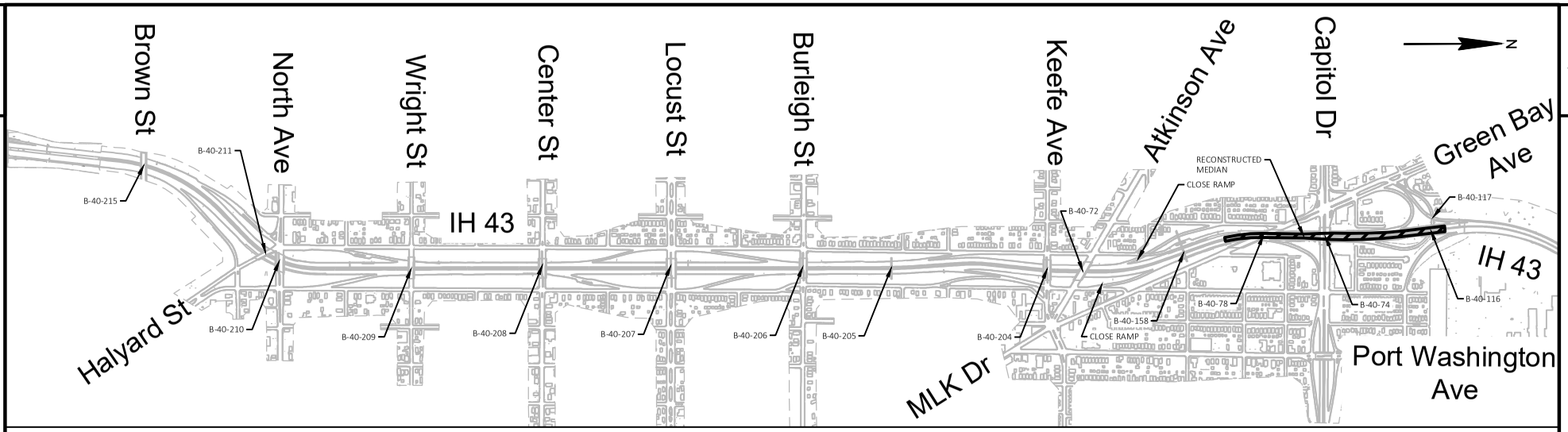
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025004_TC_STAGE4B_AD1.DWG
LAYOUT NAME - 025064_tc_AD1
PLOT DATE : 3/1/2023 2:27 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 507
March 7, 2023



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE IV-B	SHEET 507	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025004_TC_STAGE4B_AD1.DWG
LAYOUT NAME - 025065_tc_AD1
PLOT DATE : 3/1/2023 2:19 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



LEGEND

WORK ZONE

WORK ZONE - BASE PATCHING

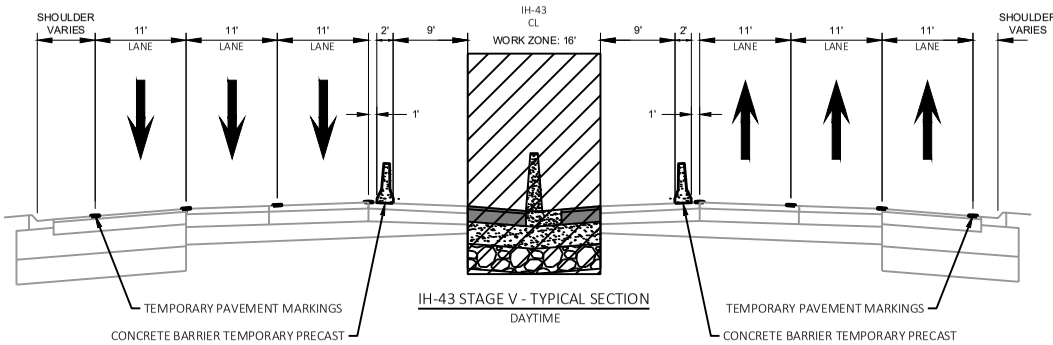
IH-43 - STAGE V

CONSTRUCTION:

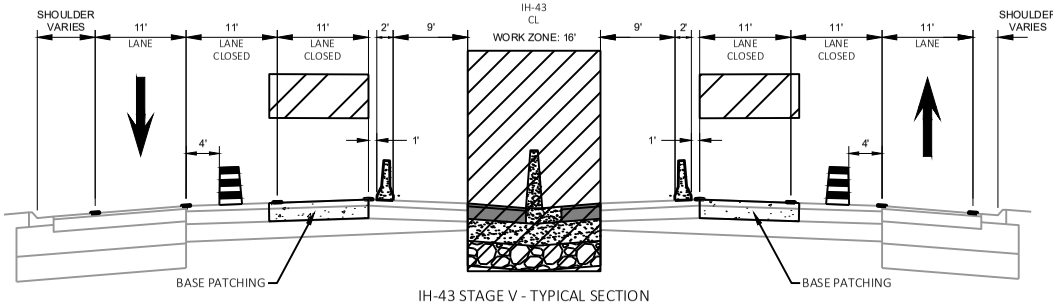
- RECONSTRUCT MEDIAN INCLUDING:
  - CONCRETE BARRIER
  - STORM SEWER
  - LIGHTING
  - SIGN STRUCTURE BASES
- CONTINUE MIDDLE LANE BASE PATCHING WITH DUAL LANE CLOSURES

TRAFFIC:

- LONG TERM SHIFT ONTO OUTSIDE SHOULDER
- LONG TERM LANE CLOSURE NORTH OF CAPITOL DRIVE IN THE NB DIRECTION
- LONG TERM LANE CLOSURE IN THE SB DIRECTION
- LONG TERM RAMP CLOSURES (AS NOTED ABOVE)
- NIGHTTIME INNER LANE CLOSURES
- NIGHTTIME FULL FREEWAY CLOSURE STORM SEWER CROSSING WORK



IH-43 STAGE V - TYPICAL SECTION
DAYTIME



IH-43 STAGE V - TYPICAL SECTION
NIGHTTIME

Addendum No. 01
ID 1228-22-70
Revised Sheet 509
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE V OVERVIEW	SHEET 509	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\026008_S1.DWG
LAYOUT NAME - 026008_s1
PLOT DATE : 2/22/2023 4:20 PM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 510
March 7, 2023

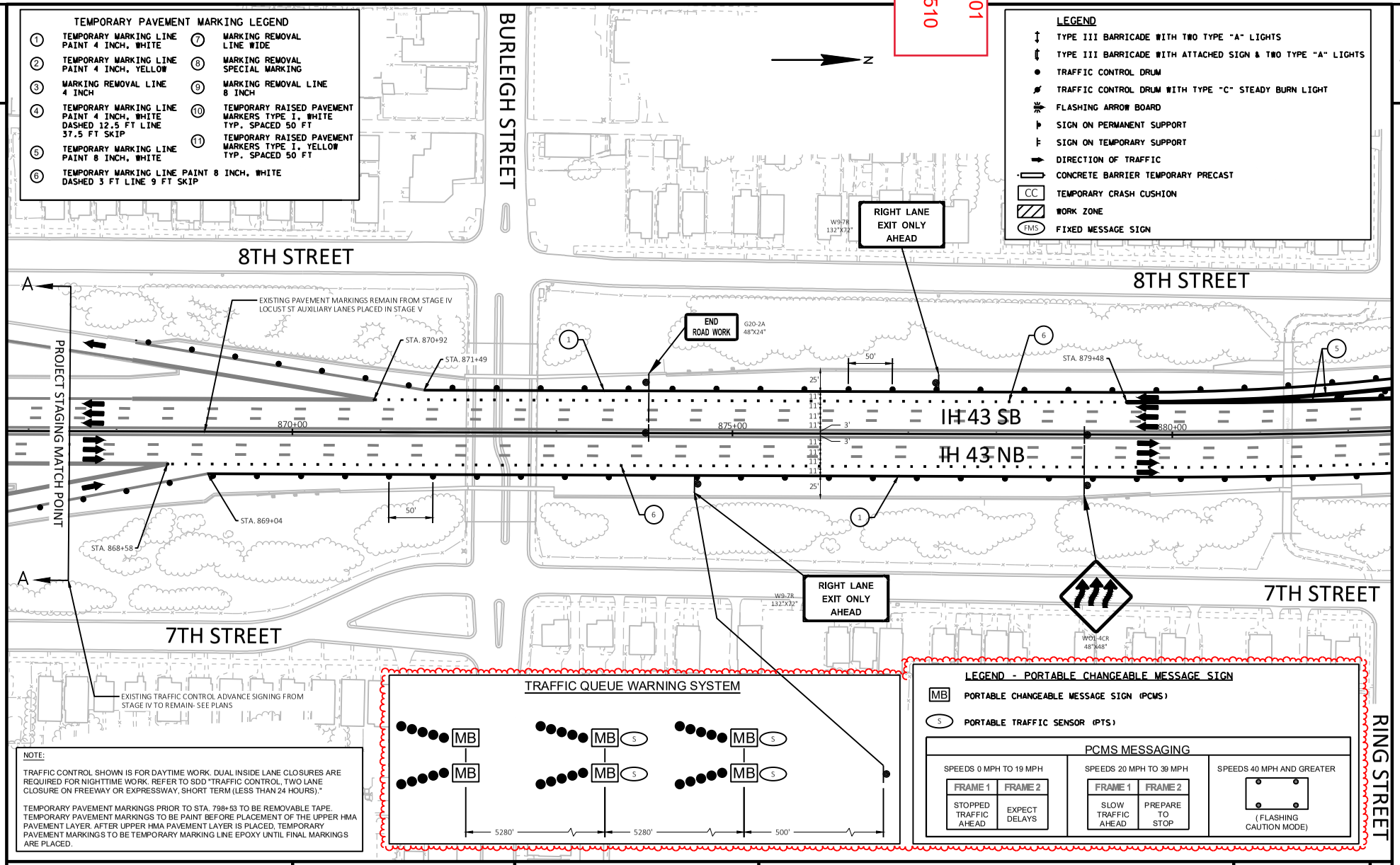
2

TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT

LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS FIXED MESSAGE SIGN



NOTE:

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TEMPORARY PAVEMENT MARKINGS PRIOR TO STA. 798+53 TO BE REMOVABLE TAPE. TEMPORARY PAVEMENT MARKINGS TO BE PAINT BEFORE PLACEMENT OF THE UPPER HMA PAVEMENT LAYER. AFTER UPPER HMA PAVEMENT LAYER IS PLACED, TEMPORARY PAVEMENT MARKINGS TO BE TEMPORARY MARKING LINE EPOXY UNTIL FINAL MARKINGS ARE PLACED.

TRAFFIC QUEUE WARNING SYSTEM

LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

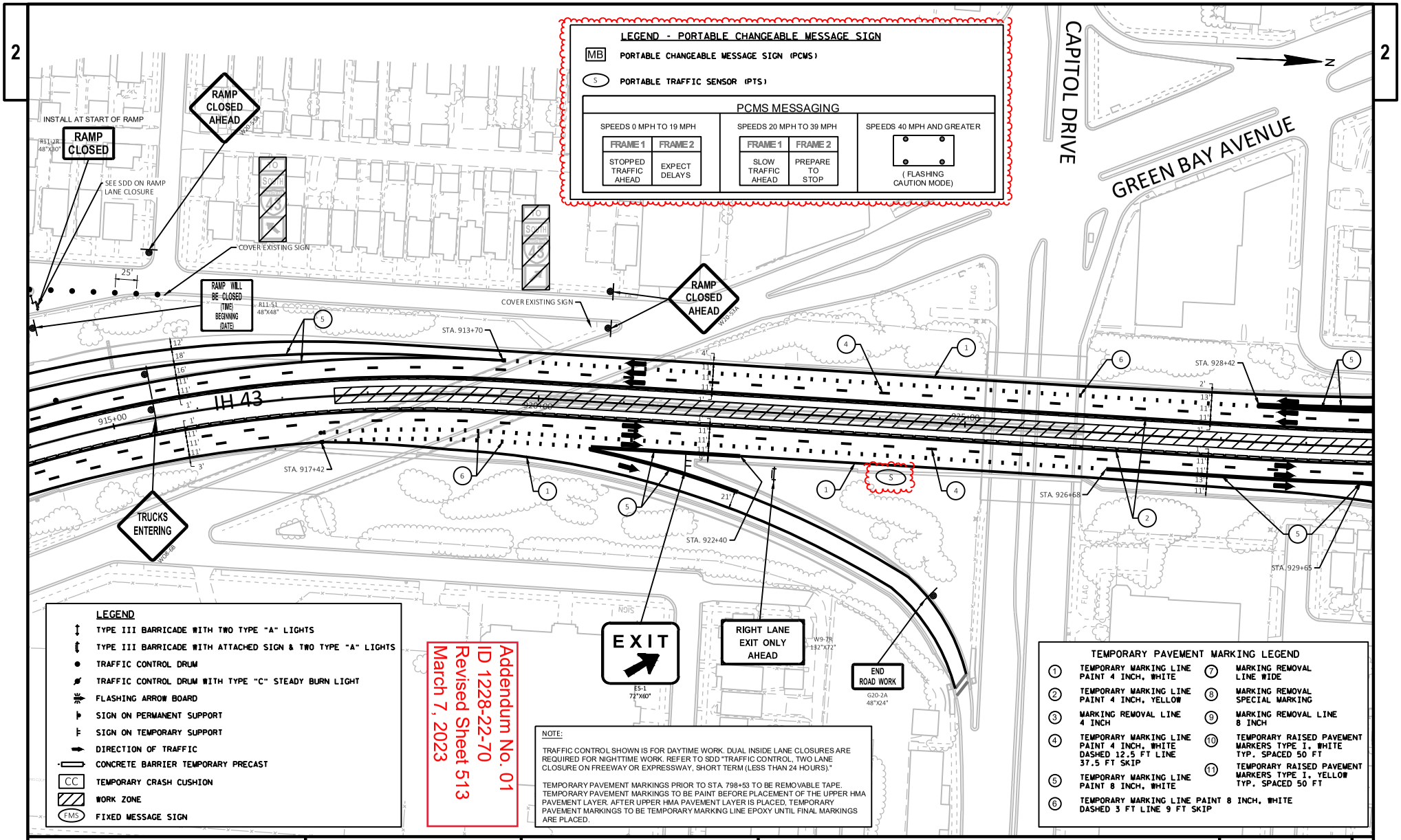
- MB PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- S PORTABLE TRAFFIC SENSOR (PTS)

PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE V	SHEET 510	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025005_TC_AD1.DWG
LAYOUT NAME - 025062_tc_AD1
PLOT DATE : 2/28/2023 7:36 AM PLOT BY : RING, STEVEN M PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE V	SHEET 513	E

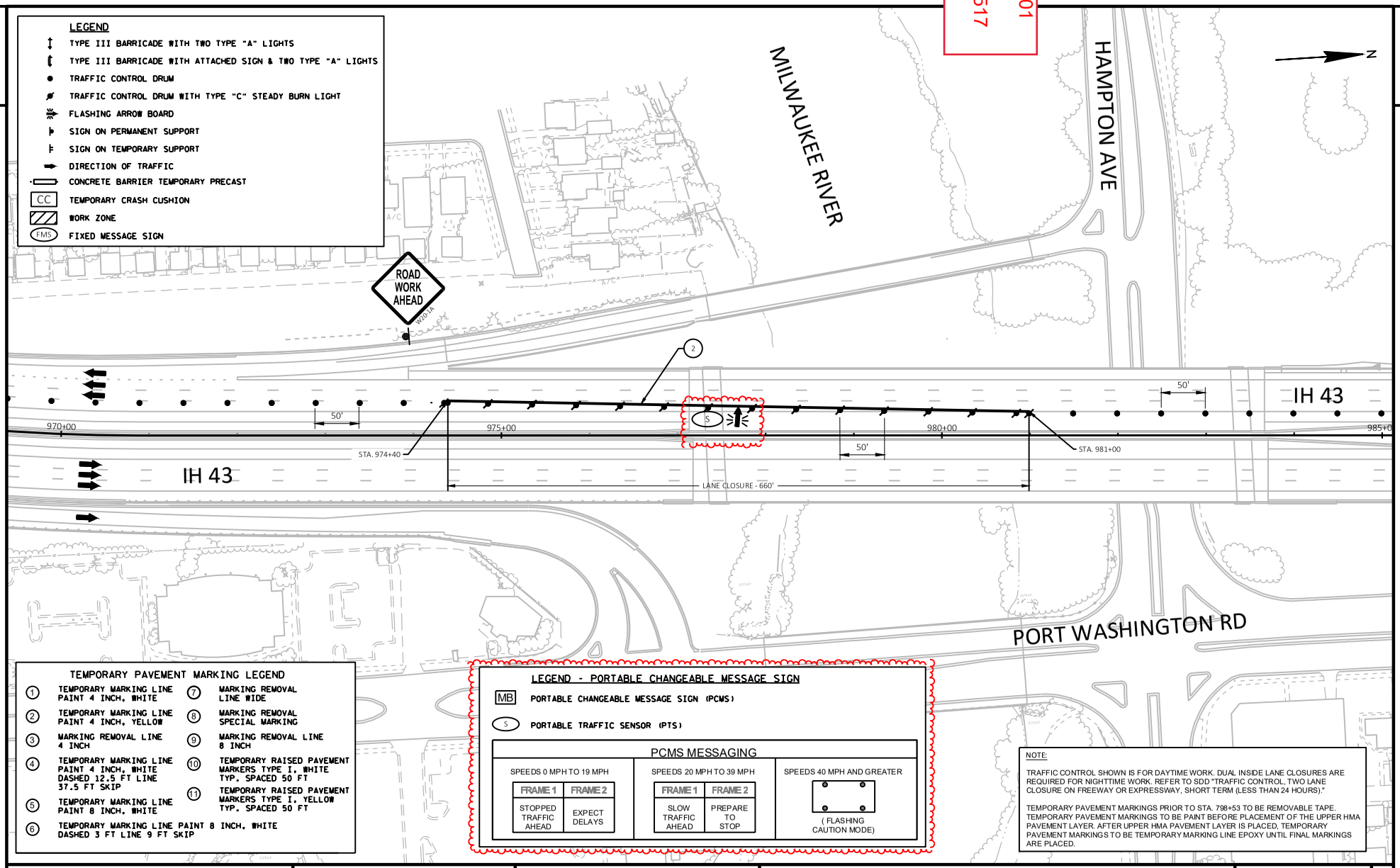
FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025005_TC_AD1.DWG
LAYOUT NAME - 025065_tc_AD1
PLOT DATE : 3/1/2023 1:18 PM PLOT BY : JOHANSEN, AMANDA A PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1228-22-70
Revised Sheet 517
March 7, 2023

2

LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC — TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS — FIXED MESSAGE SIGN



TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT

LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

MB — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

S — PORTABLE TRAFFIC SENSOR (PTS)

PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

NOTE:

TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)."

TEMPORARY PAVEMENT MARKINGS PRIOR TO STA. 798+53 TO BE REMOVABLE TAPE. TEMPORARY PAVEMENT MARKINGS TO BE PAINT BEFORE PLACEMENT OF THE UPPER HMA PAVEMENT LAYER. AFTER UPPER HMA PAVEMENT LAYER IS PLACED, TEMPORARY PAVEMENT MARKINGS TO BE TEMPORARY MARKING LINE EPOXY UNTIL FINAL MARKINGS ARE PLACED.

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE V	SHEET 517	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025005_TC_AD1.DWG
LAYOUT NAME - 025069_tc_AD1
PLOT DATE : 2/28/2023 7:48 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE
2. TEMPORARY MARKING LINE PAINT 4 INCH, YELLOW
3. MARKING REMOVAL LINE 4 INCH
4. TEMPORARY MARKING LINE PAINT 4 INCH, WHITE DASHED 12.5 FT LINE 37.5 FT SKIP
5. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE
6. TEMPORARY MARKING LINE PAINT 8 INCH, WHITE DASHED 3 FT LINE 9 FT SKIP
7. MARKING REMOVAL LINE WIDE
8. MARKING REMOVAL SPECIAL MARKING
9. MARKING REMOVAL LINE 8 INCH
10. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, WHITE TYP. SPACED 50 FT
11. TEMPORARY RAISED PAVEMENT MARKERS TYPE I, YELLOW TYP. SPACED 50 FT

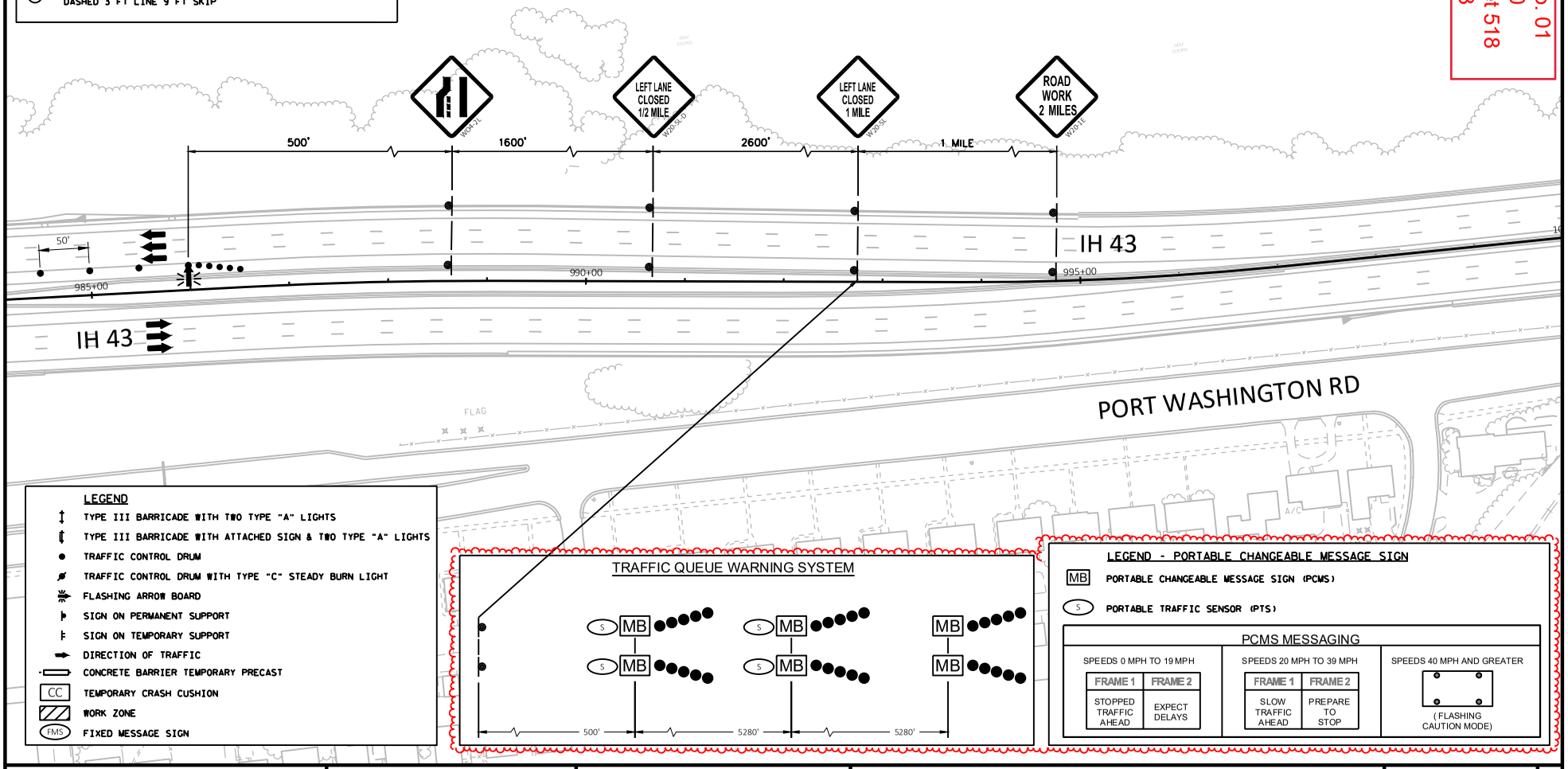
NOTE:

TRAFFIC CONTROL SHOWN IS FOR DAYTIME WORK. DUAL INSIDE LANE CLOSURES ARE REQUIRED FOR NIGHTTIME WORK. REFER TO SDD "TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)."

TEMPORARY PAVEMENT MARKINGS PRIOR TO STA. 798+53 TO BE REMOVABLE TAPE. TEMPORARY PAVEMENT MARKINGS TO BE PAINT BEFORE PLACEMENT OF THE UPPER HMA PAVEMENT LAYER. AFTER UPPER HMA PAVEMENT LAYER IS PLACED, TEMPORARY PAVEMENT MARKINGS TO BE TEMPORARY MARKING LINE EPOXY UNTIL FINAL MARKINGS ARE PLACED.

N

Addendum No. 01
ID 1228-22-70
Revised Sheet 518
March 7, 2023



LEGEND

- TYPE III BARRICADE WITH TWO TYPE "A" LIGHTS
- TYPE III BARRICADE WITH ATTACHED SIGN & TWO TYPE "A" LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CC — TEMPORARY CRASH CUSHION
- WORK ZONE
- FMS — FIXED MESSAGE SIGN

TRAFFIC QUEUE WARNING SYSTEM

LEGEND - PORTABLE CHANGEABLE MESSAGE SIGN

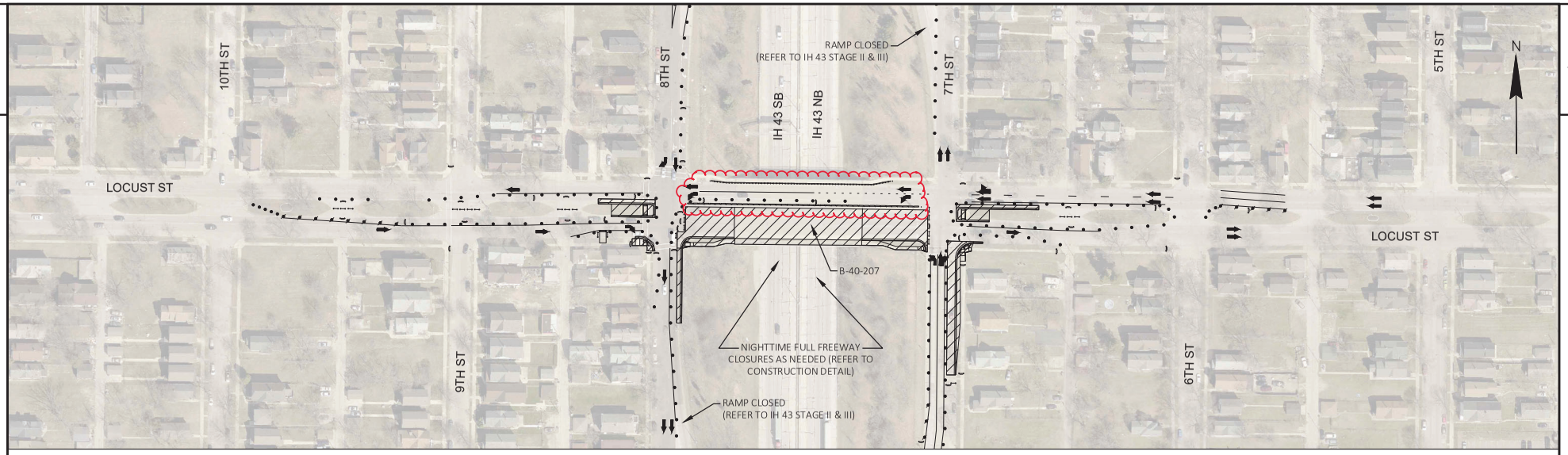
- MB — PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- S — PORTABLE TRAFFIC SENSOR (PTS)

PCMS MESSAGING

SPEEDS 0 MPH TO 19 MPH		SPEEDS 20 MPH TO 39 MPH		SPEEDS 40 MPH AND GREATER
FRAME 1	FRAME 2	FRAME 1	FRAME 2	
STOPPED TRAFFIC AHEAD	EXPECT DELAYS	SLOW TRAFFIC AHEAD	PREPARE TO STOP	(FLASHING CAUTION MODE)

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE V	SHEET 518	E

FILE NAME : C:\BOXDRV\BOX\DTSD-PROJECTS-PUBLIC\SER-PROJECTS-STATE\DESIGN\12282200\DESIGN\PS&E\ADDENDA\ADDENDUM 1\C3D\025005_TC_AD1.DWG
LAYOUT NAME - 025070_tc_AD1
PLOT DATE : 2/28/2023 7:47 AM
PLOT BY : RING, STEVEN M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



LEGEND

WORK ZONE

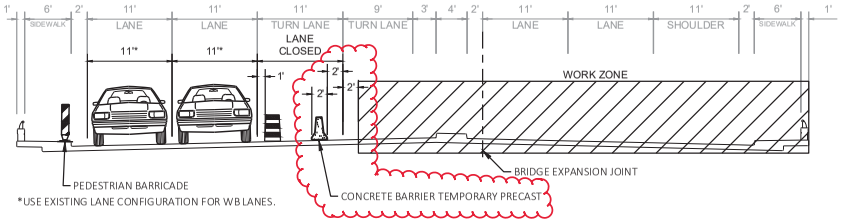
LOCUST STREET - STAGE I

CONSTRUCTION:

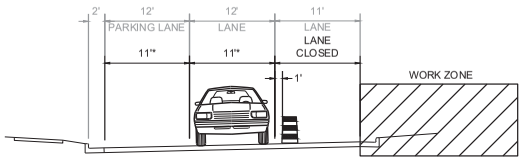
- COMPLETE EASTBOUND SIDE DECK REPLACEMENT
- CONSTRUCT EASTBOUND PAVEMENT ON LOCUST STREET, CURB & GUTTER AND SIDEWALK
- COMPLETE MEDIAN WORK ON LOCUST STREET AT 8TH STREET AND 7TH STREET
- BEGIN 8TH STREET WIDENING UP TO IH 43 SB ON-RAMP
- REMOVE RAISED MEDIAN ON 7TH STREET AT LOCUST STREET INTERSECTION
- INSTALL TEMPORARY TRAFFIC SIGNALS ON LOCUST STREET AT 8TH STREET AND 7TH STREET
- BEGIN PERMANENT TRAFFIC SIGNAL INSTALLATION ON LOCUST STREET AT 8TH STREET AND 7TH STREET

TRAFFIC:

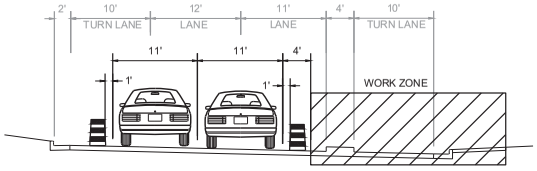
- EASTBOUND LOCUST STREET CLOSED TO TRAFFIC FROM 7TH STREET TO 8TH STREET
- WESTBOUND TRAFFIC IS REDUCED TO ONE LANE BETWEEN 9TH STREET AND 7TH STREET
- NIGHTTIME FULL CLOSURE OF IH 43 FOR DECK REMOVAL AND DECK STRIPPING
  - IH 43 ON-RAMPS FROM LOCUST STREET TO BE REOPENED DURING CLOSURE
- SOUTHBOUND 8TH STREET AT LOCUST STREET WILL HAVE ONE RIGHT TURN ONLY LANE AND ONE THROUGH LANE OPEN TO TRAFFIC
- NORTHBOUND 7TH STREET AT LOCUST STREET WILL HAVE A DEDICATED LEFT TURN LANE AND A SHARED THROUGH/RIGHT TURN LANE OPEN TO TRAFFIC



STAGE I - TYPICAL SECTION
LOCUST STREET



STAGE I - TYPICAL SECTION
8TH STREET

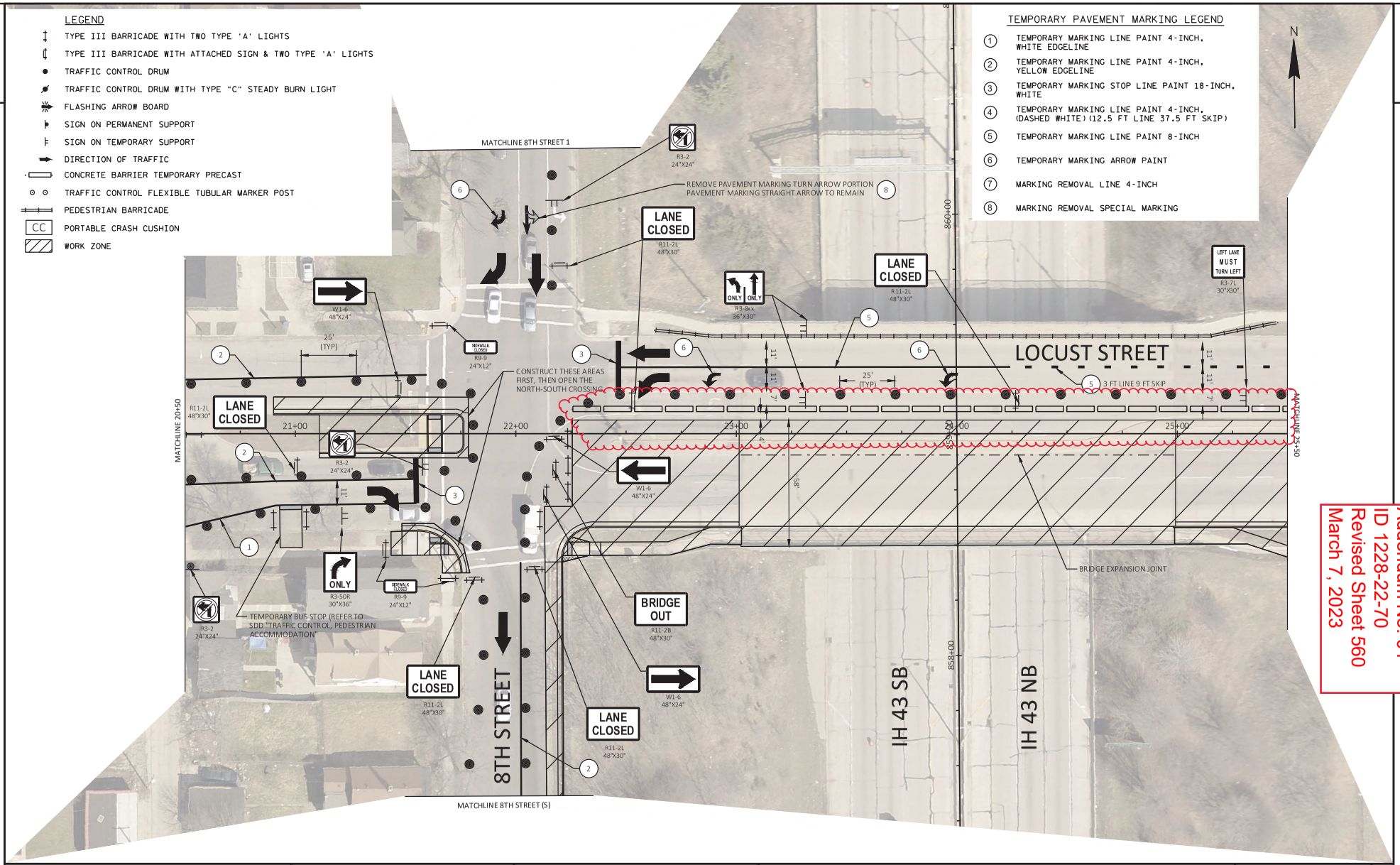


STAGE I - TYPICAL SECTION
7TH STREET

Addendum No. 01
ID 1228-22-70
Revised Sheet 557
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - LOCUST ST - STAGE I OVERVIEW	SHEET 557	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\025001_TC_LOCUST_OVERVIEW.DWG
LAYOUT NAME - 026001_s1
PLOT DATE : 2/17/2023 10:34 AM PLOT BY : JOHANSEN, AMANDA A PLOT NAME : PLOT SCALE : NTS
WISDOT/CADDS SHEET 42

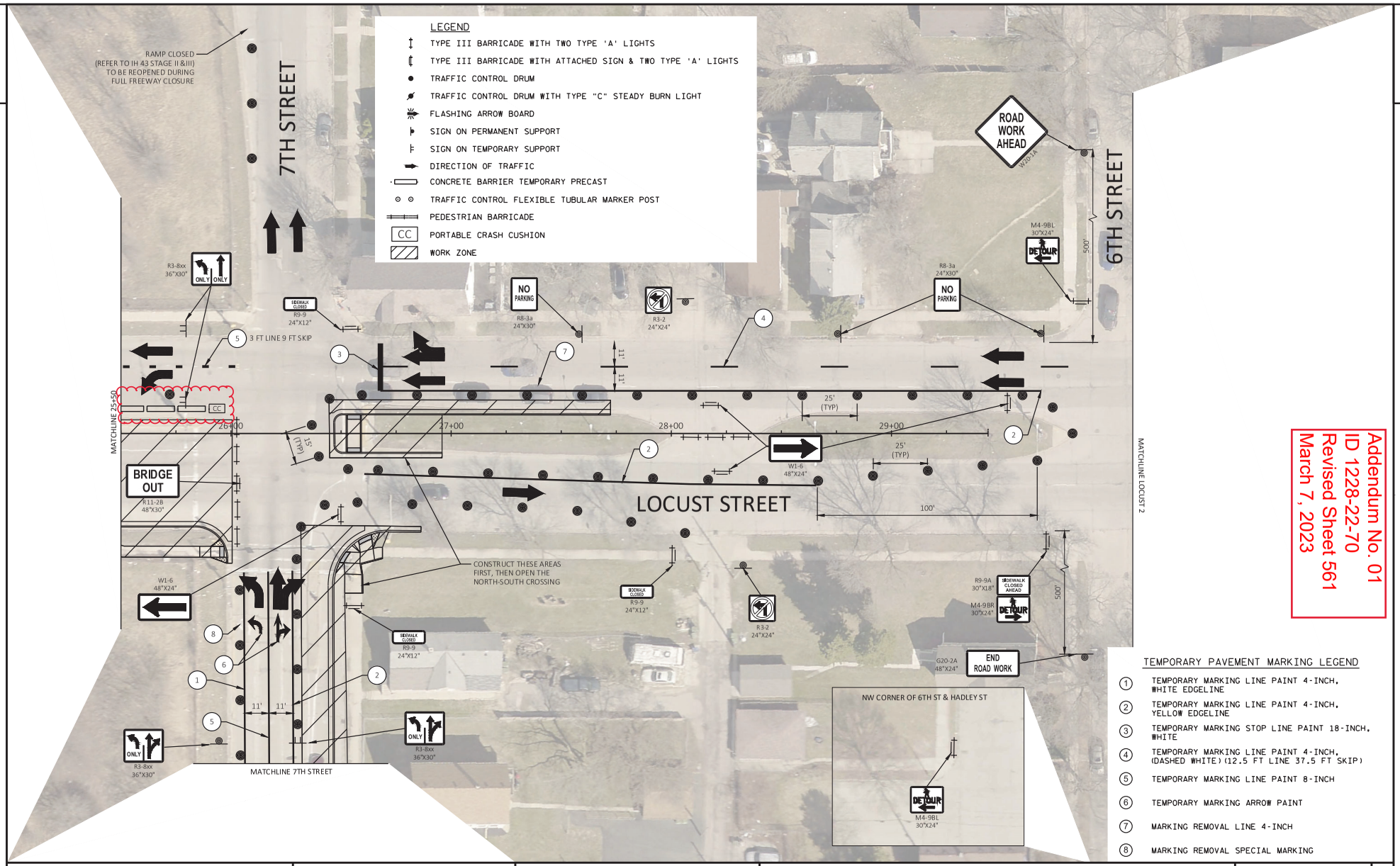


Addendum No. 01
ID 1228-22-70
Revised Sheet 560
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - LOCUST STREET BRIDGE - DIRECTIONAL STAGE I	SHEET 560	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\1228270\SHEETSPLAN\025001_TC_LOCUST.DWG
LAYOUT NAME - 025001_tc_Locust3
PLOT DATE : 2/17/2023 1:10 PM PLOT BY : JOHANSEN, AMANDA A PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



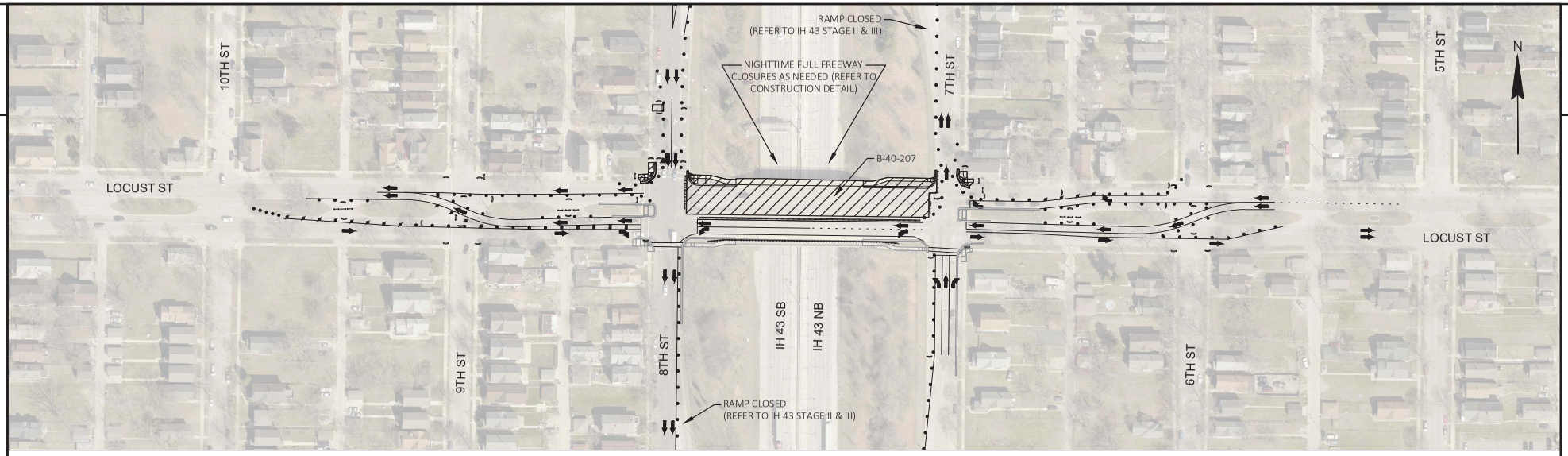
TEMPORARY PAVEMENT MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 4-INCH, WHITE EDGELINE
2. TEMPORARY MARKING LINE PAINT 4-INCH, YELLOW EDGELINE
3. TEMPORARY MARKING STOP LINE PAINT 18-INCH, WHITE
4. TEMPORARY MARKING LINE PAINT 4-INCH, (DASHED WHITE)(12.5 FT LINE 37.5 FT SKIP)
5. TEMPORARY MARKING LINE PAINT 8-INCH
6. TEMPORARY MARKING ARROW PAINT
7. MARKING REMOVAL LINE 4-INCH
8. MARKING REMOVAL SPECIAL MARKING

Addendum No. 01
ID 1228-22-70
Revised Sheet 561
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - LOCUST STREET BRIDGE - DIRECTIONAL STAGE I	SHEET 561	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\025001_TC_LOCUST.DWG
LAYOUT NAME - 025001_tc_Locust4
PLOT DATE : 2/17/2023 1:17 PM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



LEGEND

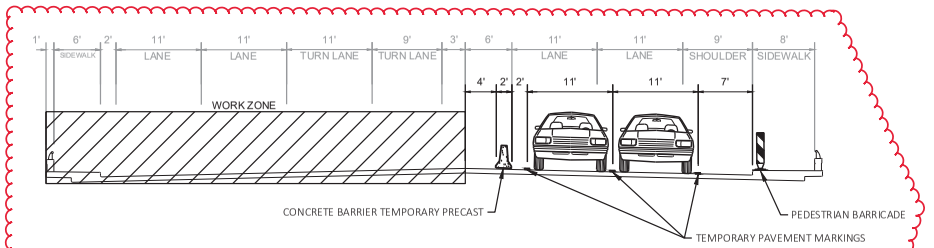
WORK ZONE

LOCUST STREET - STAGE II

CONSTRUCTION:
- COMPLETE WESTBOUND SIDE DECK REPLACEMENT
- CONSTRUCT WESTBOUND PAVEMENT ON LOCUST STREET, CURB & GUTTER AND SIDEWALK
- COMPLETE TRAFFIC SIGNAL INSTALLATION AT THE 8TH STREET AND 7TH STREET INTERSECTIONS.

TRAFFIC:
- EASTBOUND LOCUST STREET CLOSED TO TRAFFIC FROM 7TH STREET TO 8TH STREET
- WESTBOUND LOCUST STREET IS CLOSED WITH TRAFFIC SHIFTED TO THE EASTBOUND SIDE VIA A CROSSOVER. TRAFFIC IS REDUCED TO ONE LANE BETWEEN 9TH STREET AND 7TH STREET
- NIGHTTIME FULL CLOSURE OF IH 43 FOR DECK REMOVAL AND DECK STRIPPING
  - IH 43 ON-RAMPS FROM LOCUST STREET TO BE REOPENED DURING CLOSURE
- SOUTHBOUND 8TH STREET AT LOCUST STREET WILL HAVE A SHARED THROUGH/RIGHT TURN LANE AND ONE THROUGH LANE ONLY OPEN TO TRAFFIC
- NORTHBOUND 7TH STREET AT LOCUST STREET WILL HAVE A DEDICATED LEFT TURN LANE, A THROUGH LANE, AND A RIGHT TURN LANE OPEN TO TRAFFIC

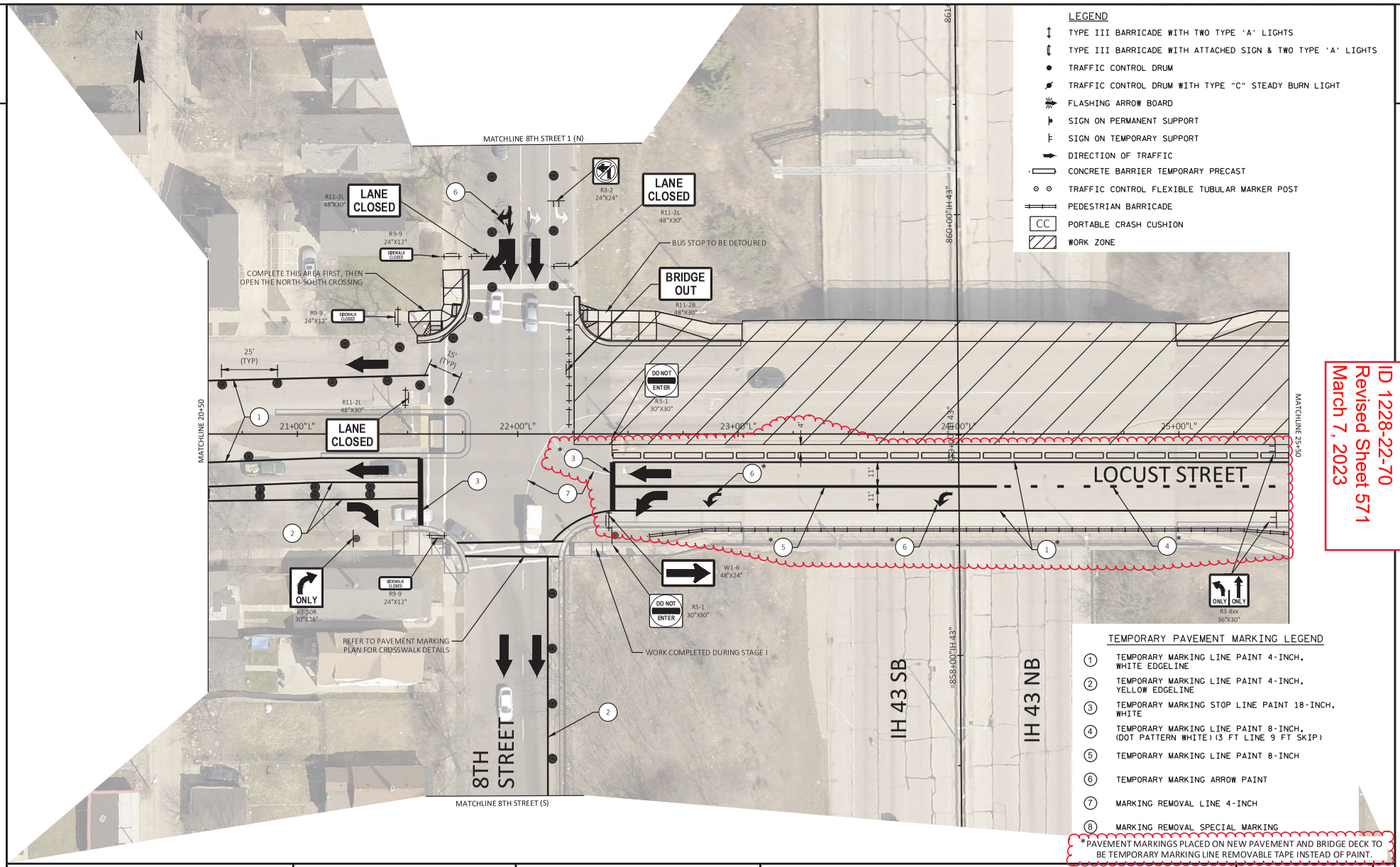
Addendum No. 01
ID 1228-22-70
Revised Sheet 568
March 7, 2023



STAGE II - TYPICAL SECTION
LOCUST STREET

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - LOCUST ST - STAGE II OVERVIEW	SHEET 568	E

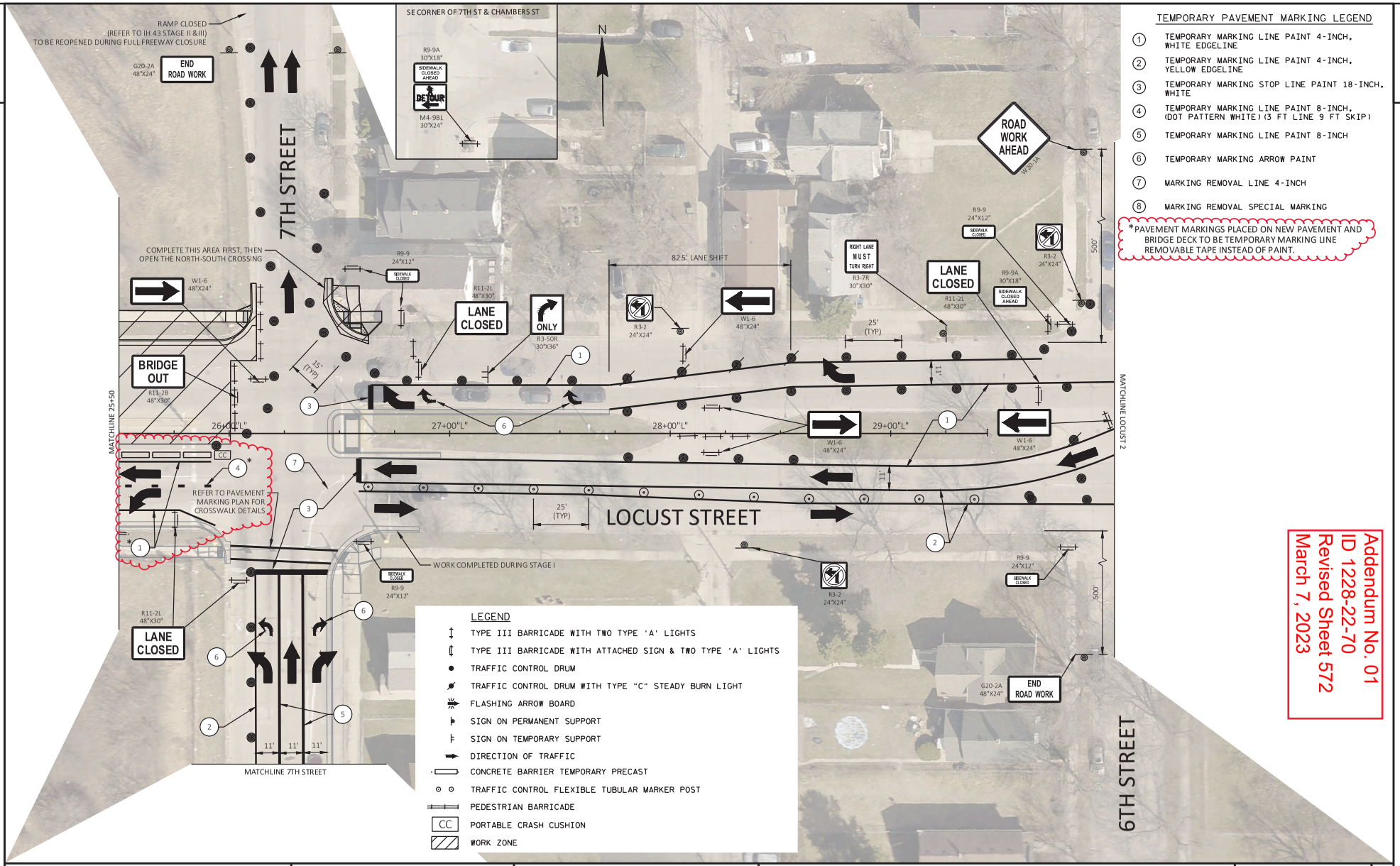
FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\025002_TC_LOCUST_OVERVIEW.DWG
LAYOUT NAME - 026002_s2
PLOT DATE : 2/18/2023 9:15 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : NTS



Addendum No. 01
ID 1228-22-70
Revised Sheet 571
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - LOCUST STREET BRIDGE - DIRECTIONAL STAGE II	SHEET 571	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\1228270\SHEETSPLAN\025002_TC_LOCUST.DWG
LAYOUT NAME - 025002_tc_Locust3
PLOT DATE : 2/18/2023 9:48 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



TEMPORARY PAVEMENT MARKING LEGEND

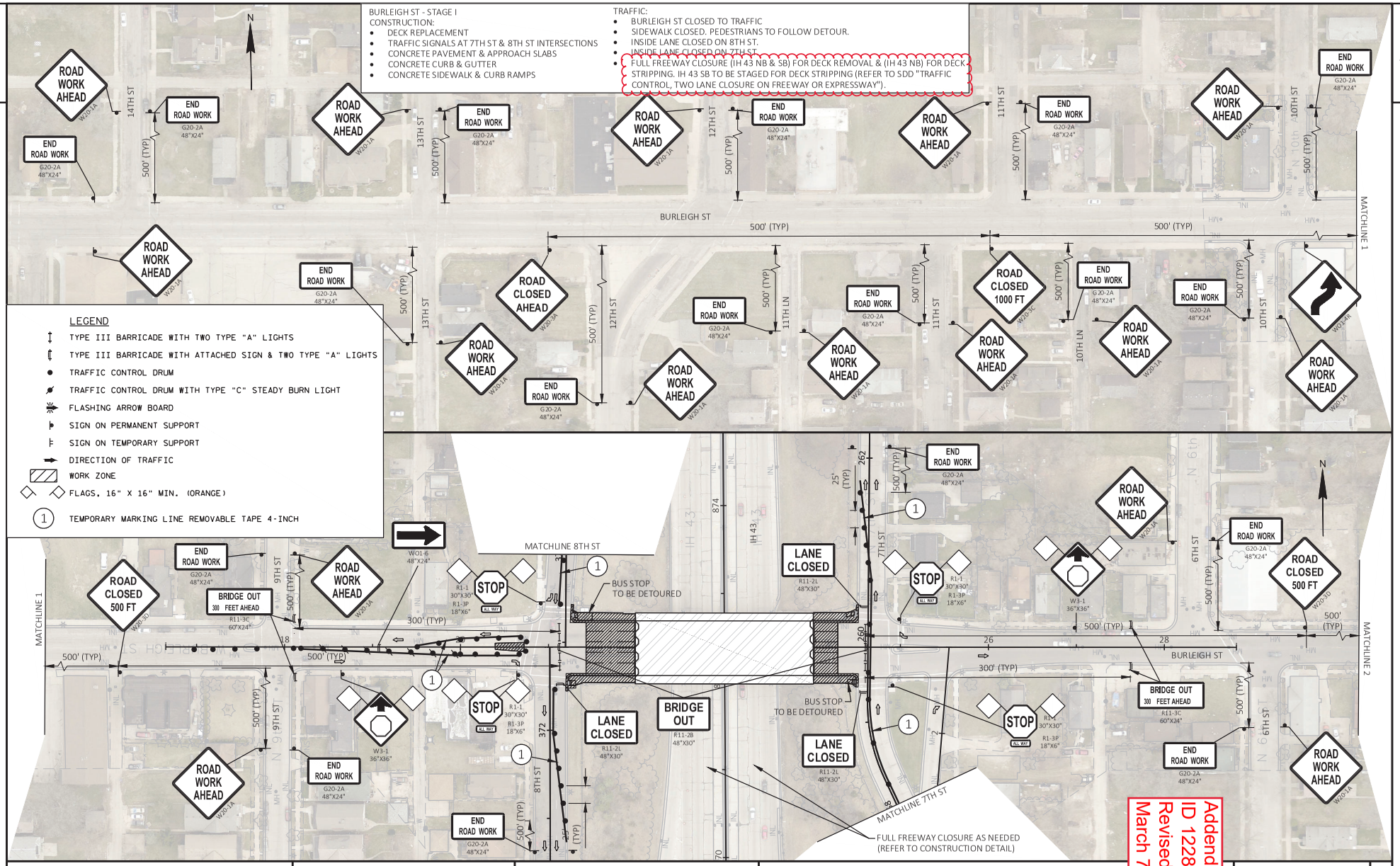
1. TEMPORARY MARKING LINE PAINT 4-INCH, WHITE EDGELINE
2. TEMPORARY MARKING LINE PAINT 4-INCH, YELLOW EDGELINE
3. TEMPORARY MARKING STOP LINE PAINT 18-INCH, WHITE
4. TEMPORARY MARKING LINE PAINT 8-INCH, (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. TEMPORARY MARKING LINE PAINT 8-INCH
6. TEMPORARY MARKING ARROW PAINT
7. MARKING REMOVAL LINE 4-INCH
8. MARKING REMOVAL SPECIAL MARKING

*PAVEMENT MARKINGS PLACED ON NEW PAVEMENT AND BRIDGE DECK TO BE TEMPORARY MARKING LINE REMOVABLE TAPE INSTEAD OF PAINT.

Addendum No. 01
ID 1228-22-70
Revised Sheet 572
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - LOCUST STREET BRIDGE - DIRECTIONAL STAGE II	SHEET 572	E

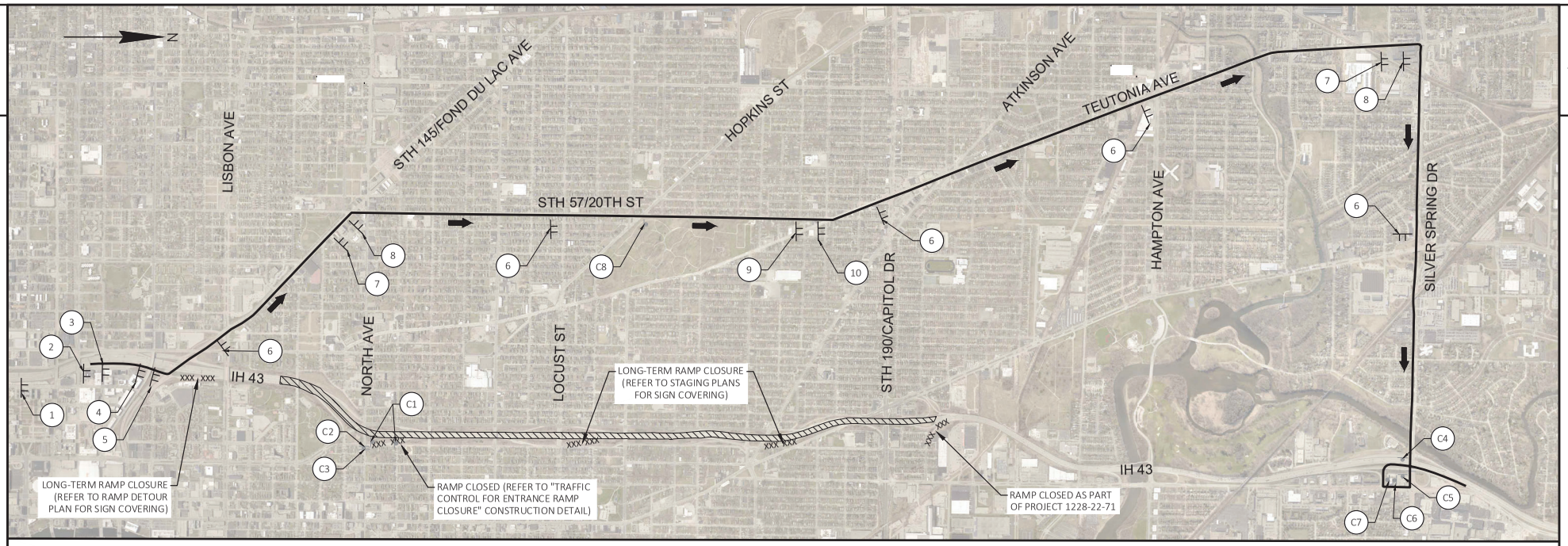
FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\025002_TC_LOCUST.DWG
LAYOUT NAME - 025002_tc_Locust4
PLOT DATE : 2/18/2023 9:56 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - BURLEIGH STREET (STAGE I)	SHEET 578	E

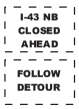
FILE NAME : \\WKERTOVFILP101\N3 PUBLIC\PDS\C3D\122822 70\SHEETSPLAN\026007_S1.DWG
LAYOUT NAME - 026007_1_s1
PLOT DATE : 2/16/2023 10:01 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SC
WISDOT/CADDS SHEET 44

Addendum No. 01
ID 1228-22-70
Revised Sheet 578
March 7, 2023



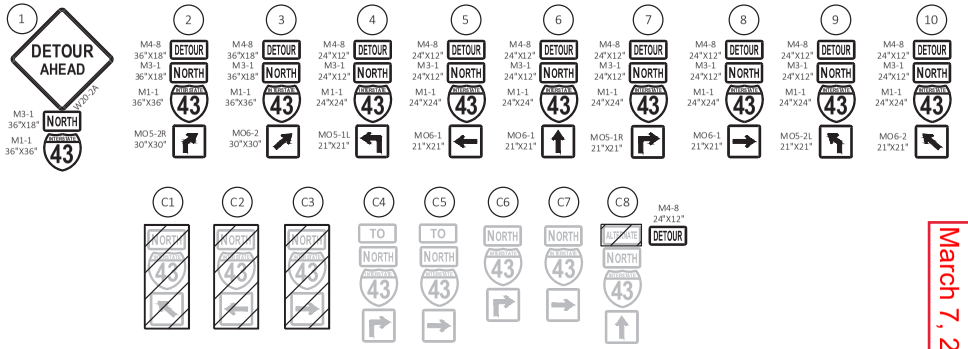
NOTES

- DETOUR ON THIS PAGE WILL BE UTILIZED FOR TRAFFIC CONTROL SETUP BETWEEN STAGES IN 2023.
- REFER TO CONSTRUCTION DETAIL "THREE LANE FULL FREEWAY CLOSURE".
- ALL EXISTING SIGN MESSAGES IN CONFLICT WITH TRAFFIC CONTROL DETOUR SIGNS SHALL BE COVERED OR REMOVED.
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS. SIGNS MAY BE MOUNTED ON EXISTING POSTS, LIGHTS, OR TEMPORARY SIGN SUPPORTS AS APPROVED BY THE ENGINEER.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- PLACE TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE BOARD (PCMS) PRIOR TO THE MARQUETTE INTERCHANGE ON BOTH SIDES WITH 5 REFLECTORIZED TRAFFIC CONTROL DRUMS AHEAD OF IT USING THE FOLLOWING MESSAGE:



LEGEND

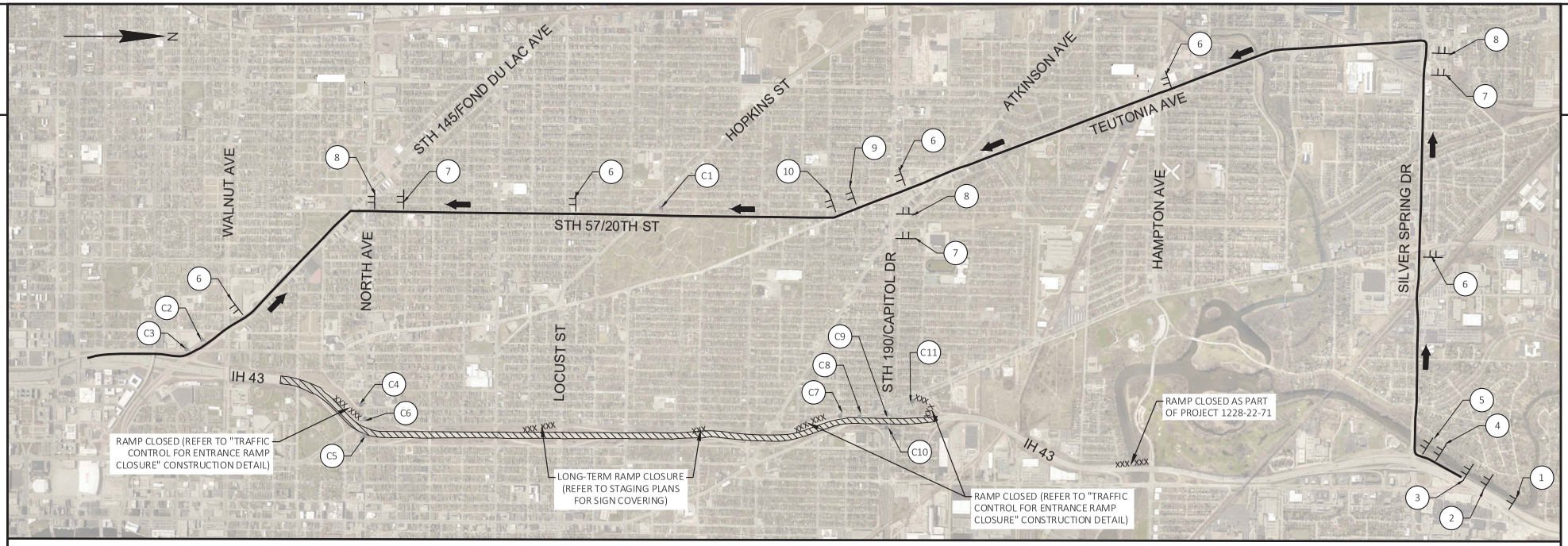
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- EXISTING SIGN
- CLOSURE
- DIRECTION OF TRAFFIC
- DETOUR ROUTE



Addendum No. 01
ID 1228-22-70
Added Sheet 588A
March 7, 2023

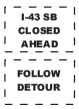
PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	DETOUR PLAN - NB FULL FREEWAY CLOSURE 2023	SHEET 588A	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\1228270\SHEETSPLAN\027012_FULL FREEWAY CLOSURE_NB_DT.DWG
LAYOUT NAME - 027007_IH 43 NB - W Burleigh St
PLOT DATE : 2/24/2023 5:49 PM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:2000 FT
WISDOT/CADDS SHEET 42



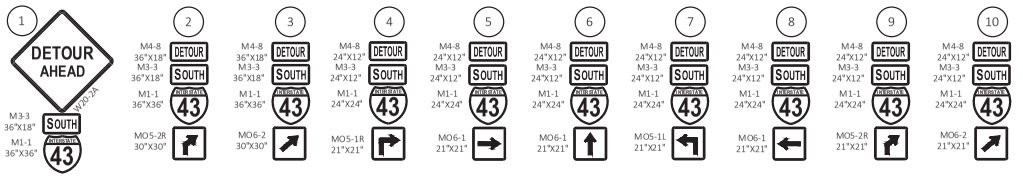
NOTES

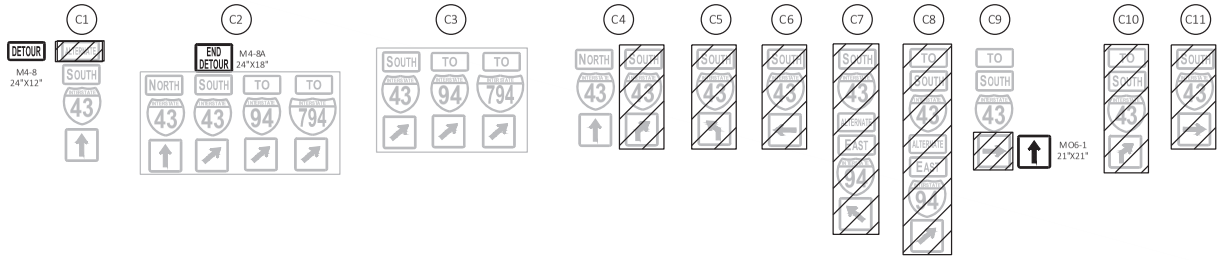
- DETOUR ON THIS PAGE WILL BE UTILIZED FOR TRAFFIC CONTROL SETUP BETWEEN STAGES IN 2023.
- REFER TO CONSTRUCTION DETAIL "THREE LANE FULL FREEWAY CLOSURE".
- ALL EXISTING SIGN MESSAGES IN CONFLICT WITH TRAFFIC CONTROL DETOUR SIGNS SHALL BE COVERED OR REMOVED.
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS. SIGNS MAY BE MOUNTED ON EXISTING POSTS, LIGHTS, OR TEMPORARY SIGN SUPPORTS AS APPROVED BY THE ENGINEER.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- PLACE TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE BOARD (PCMS) PRIOR TO THE MARQUETTE INTERCHANGE ON BOTH SIDES WITH 5 REFLECTORIZED TRAFFIC CONTROL DRUMS AHEAD OF IT USING THE FOLLOWING MESSAGE:



LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- EXISTING SIGN
- CLOSURE
- DIRECTION OF TRAFFIC
- DETOUR ROUTE



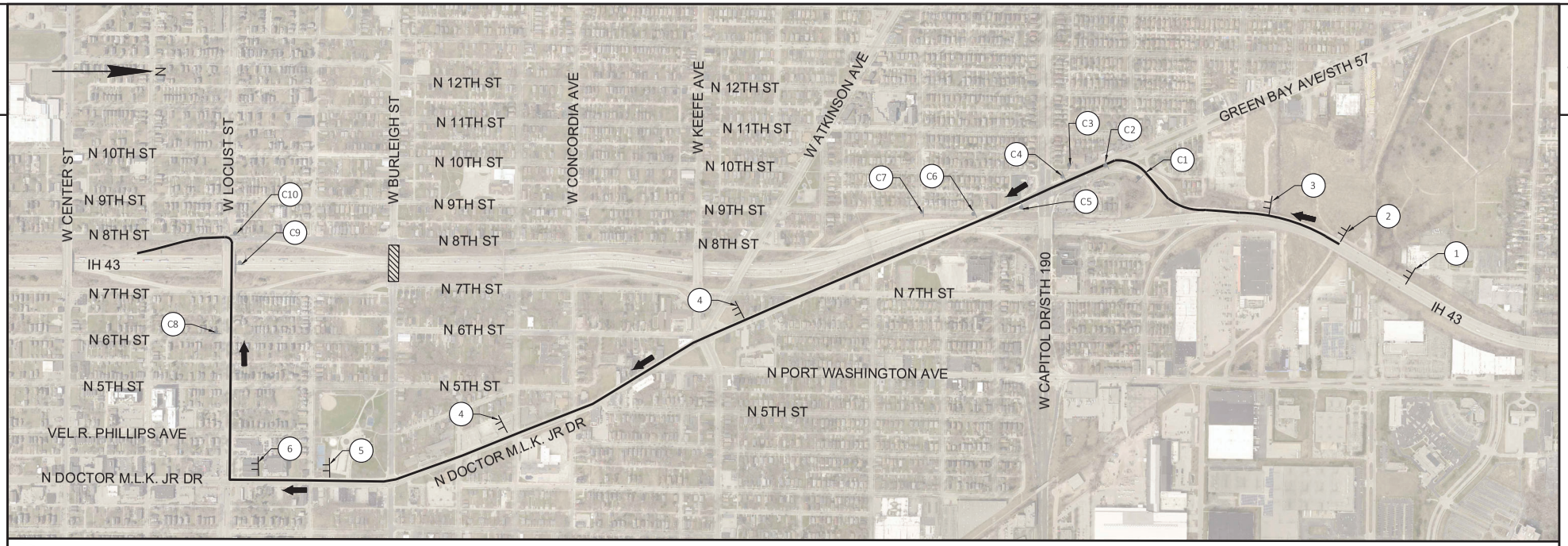


Addendum No. 01
ID 1228-22-70
Added Sheet 588B
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	DETOUR PLAN - SB FULL FREEWAY CLOSURE 2023	SHEET 588B	E

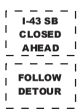
FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\1228270\SHEETSPLAN\027013_FULL FREEWAY CLOSURE_SB_DT.DWG
LAYOUT NAME - 027007_IH 43 NB - W Burleigh St
PLOT DATE : 2/25/2023 10:39 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:2000 FT

WISDOT/CADDS SHEET 42



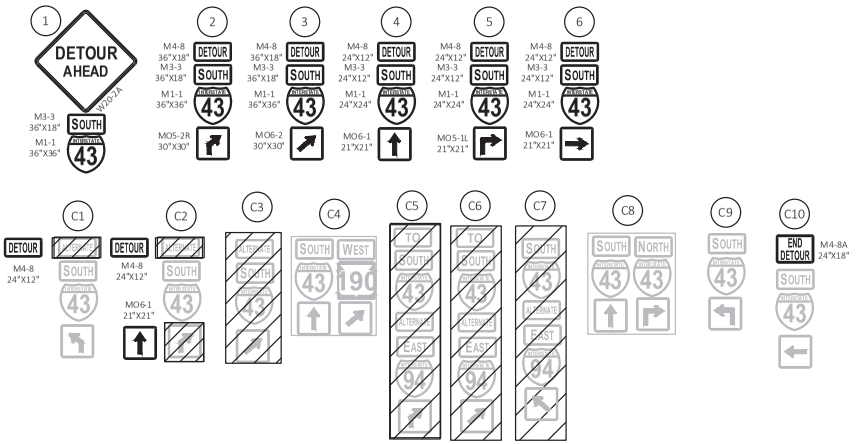
NOTES

- DETOUR ON THIS PAGE WILL BE UTILIZED FOR DECK REMOVAL ON BURLEIGH ST.
- REFER TO CONSTRUCTION DETAIL "THREE LANE FULL FREEWAY CLOSURE".
- ALL EXISTING SIGN MESSAGES IN CONFLICT WITH TRAFFIC CONTROL DETOUR SIGNS SHALL BE COVERED OR REMOVED.
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS. SIGNS MAY BE MOUNTED ON EXISTING POSTS, LIGHTS, OR TEMPORARY SIGN SUPPORTS AS APPROVED BY THE ENGINEER.
- "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- PLACE TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE BOARD (PCMS) PRIOR TO EXIT 78 (IH 43 SB OFF RAMP TO W SILVER SPRING DR) ON BOTH SIDES WITH 5 REFLECTORIZED TRAFFIC CONTROL DRUMS AHEAD OF IT USING THE FOLLOWING MESSAGE:



LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- EXISTING SIGN
- CLOSURE
- DIRECTION OF TRAFFIC
- DETOUR ROUTE



Addendum No. 01
ID 1228-22-70
Revised Sheet 593
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	DETOUR PLAN - SB FULL FREEWAY CLOSURE AT BURLEIGH STREET	SHEET 593	E

FILE NAME : \\WKERTOVFILP101\N3PUBLIC\PDS\C3D\1228270\SHEETSPLAN\027008_IH 43 SB_W BURLEIGH_DT.DWG
LAYOUT NAME - 027008_IH 43 SB - W Burleigh St
PLOT DATE : 2/16/2023 9:21 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN:800 FT

WISDOT/CADDS SHEET 42

3

CLEARING AND GRUBBING

STAGE	ROADWAY	STATION	TO	STATION		201.0105 CLEARING STA	201.0205 GRUBBING STA
1	**MAINLINE**						
	IH 43 NB						
		802+00	-	821+00	RT	19	19
		821+00	-	824+00	RT	--	--
		824+00	-	858+00	RT	34	34
		858+00	-	860+00	RT	--	--
		860+00	-	862+00	RT	--	2
		862+00	-	891+00	RT	29	29
		891+00	-	894+00	RT	--	--
		894+00	-	901+00	RT	7	7
		901+00	-	903+00	RT	--	--
		903+00	-	928+00	RT	25	25
	IH 43 SB						
		801+00	-	818+00	LT	17	17
		818+00	-	819+00	LT	--	--
		819+00	-	856+00	LT	37	37
		856+00	-	858+00	LT	--	--
		858+00	-	887+00	LT	29	29
		887+00	-	889+00	LT	--	--
		889+00	-	920+00	LT	31	31
		920+00	-	921+00	LT	--	--
		921+00	-	929+00	LT	8	8
				STAGE 1 SUBTOTAL		236	238
				TOTAL CAT 1000		236	238

REMOVING CONCRETE RUMBLE STRIPS

LOCATION	STATION	TO	STATION	SPV.0180.0002 REMOVING CONCRETE RUMBLE STRIPS SY
IH 43 AT GREEN BAY AVE	917+20	-	922+78	160
TOTAL CAT 1000				160

REMOVING CONCRETE BARRIER

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	204.0157 REMOVING CONCRETE BARRIER LF	REMARKS
2	**MAINLINE**						
	IH 43 NB						
		802+45	-	934+50	RT	13,205	
	IH 43 SB						
		802+45	-	934+50	LT	13,203	
					STAGE 2 SUBTOTAL	26,408	
4	**MAINLINE**						
	IH 43 NB						
		815+51	-	819+91	RT	467	
		844+00	-	846+38	RT	238	INCLUDING 36LF ON RAMP LA
		856+99	-	859+50	RT	274	
		870+56	-	872+90	RT	233	INCLUDING 6LF ON RAMP LD
		879+83	-	881+44	RT	173	
		896+58	-	896+78	RT	20	
		914+13	-	918+99	RT	476	INCLUDING 159LF ON RAMP CA
		923+71	-	926+40	RT	268	
	IH 43 SB						
		845+49	-	847+88	LT	238	
		858+41	-	860+96	LT	260	
		871+96	-	874+37	LT	240	INCLUDING 13LF ON RAMP LC
		896+70	-	903+05	LT	629	
		922+87	-	927+93	LT	505	INCLUDING 151LF ON RAMP GBB2
4	**RAMPS**						
	RAMP NC						
		832+39 NC	-	835+50 IH 43	LT	318	
	RAMP ND						
		830+89 ND	-	833+02 ND	RT	215	
	RAMP KB						
		881+33 KB	-	883+03 KB	LT	169	
	RAMP KC2						
		914+28 KC2	-	915+66 KC2	LT	138	
					STAGE 4 SUBTOTAL	4,861	
					TOTAL CAT 1000	31,269	

Addendum No. 01
ID 1228-22-70
Revised Sheet 658
March 7, 2023

REMOVING GUARDRAIL

ROADWAY	STATION	TO	STATION	LOCATION	204.0165 REMOVING GUARDRAIL LF
MAINLINE					
IH 43 NB					
	814+70	-	815+52	RT	84
	830+03	-	830+85	RT	82
	843+19	-	844+02	RT	83
	856+18	-	857+00	RT	83
	869+75	-	870+58	RT	83
	878+95	-	879+78	RT	83
	894+49	-	895+31	RT	82
	913+32	-	914+15	RT	82
	922+96	-	923+78	RT	82
IH 43 SB					
	821+02	-	821+89	LT	82
	835+57	-	836+39	LT	83
	847+85	-	848+69	LT	84
	861+02	-	861+84	LT	83
	874+31	-	875+13	LT	82
	882+90	-	883+74	LT	83
	902+95	-	903+82	LT	83
	927+91	-	928+77	LT	85
				TOTAL CAT 1000	1,409

REMOVING MANHOLES

STAGE	ROADWAY	STATION	TO	STATION	LOCATION	204.0210 REMOVING MANHOLES EACH	REMARKS
2	**MAINLINE**						
	IH 43 NB						
		802+58	-	832+33	RT	1	
					STAGE 2 SUBTOTAL	1	
4	**MAINLINE**						
	IH 43 NB						
		802+58	-	832+33	RT	1	
		832+33	-	858+49	RT	2	
		858+49	-	871+97	RT	3	
		871+97	-	913+11	RT	6	INCLUDING RAMP KA OUTSIDE SHOULDER
		913+11	-	934+50	RT	1	RAMP CA TRAVEL LANE
	IH 43 SB						
		802+58	-	832+33	LT	5	
		832+33	-	858+49	LT	5	
		858+49	-	871+97	LT	1	
		871+97	-	913+11	LT	5	
		913+11	-	934+50	LT	1	RAMP KC2 OUTSIDE SHOULDER
					STAGE 4 SUBTOTAL	30	
					TOTAL CAT 1000	31	

Addendum No. 01
ID 1228-22-70
Revised Sheet 664
March 7, 2023

FILE NAME: S:\DOT\DOT_SE\190224_I43_N-S_Freeway_North-Hampton\Design\12282270\Design\Quantities\90%\030201_MQ.ppt
ORIGINATOR: Neal Styka, P.E.!, PTOE, RSP1
ORIG. DATE: June 14, 2022
PLOTTED DATE: 3/2/2023 6:15 AM

3

3

REMOVING INLETS

204.0220

REMOVING INLETS

STAGE	ROADWAY	STATION	TO	STATION	LOCATION	EACH	REMARKS
2	**MAINLINE**						
	IH 43 NB						
		802+58	-	832+33	RT	19	
		832+33	-	858+49	RT	17	
		858+49	-	871+97	RT	14	
		871+97	-	913+11	RT	27	
		913+11	-	934+50	RT	10	
	IH 43 SB						
		802+58	-	832+33	LT	11	
		832+33	-	858+49	LT	16	
		858+49	-	871+97	LT	13	
		871+97	-	913+11	LT	19	
		913+11	-	934+50	LT	19	
					STAGE 2 SUBTOTAL	165	
4	**MAINLINE**						
	IH 43 NB						
		802+58	-	832+33	RT	11	INCLUDING RAMP ND
		832+33	-	858+49	RT	19	INCLUDING RAMP LA
		858+49	-	871+97	RT	12	INCLUDING RAMP LD
		871+97	-	913+11	RT	16	INCLUDING RAMPS KA AND KD
		913+11	-	934+50	RT	16	INCLUDING RAMP CA
	IH 43 SB						
		802+58	-	832+33	LT	16	INCLUDING RAMPS NB AND NC
		832+33	-	858+49	LT	18	INCLUDING RAMP LB
		858+49	-	871+97	LT	13	INCLUDING RAMP LC
		871+97	-	913+11	LT	23	INCLUDING RAMPS KB AND KC1
		913+11	-	934+50	LT	11	INCLUDING RAMP KC2
					STAGE 4 SUBTOTAL	155	
5	**MAINLINE**						
	IH 43 NB						
		931+14	-	934+19	RT	4	
	IH 43 SB						
		934+17		934+21	LT	2	
					STAGE 5 SUBTOTAL	6	
					1000 TOTAL	326	

1

REMOVING TEMORARY PRECAST TRENCH DRAIN

STAGE	ROADWAY	STATION UPSTREAM END	OFFSET UPSTREAM END	STATION DOWNSTREAM END	OFFSET DOWNSTREAM END	204.9090.S.0001 REMOVING TEMPROARY PRECAST TRENCH DRAIN LF
5	I43					
		931+59	3.6' RT	929+21	0.3' RT	239
		934+09	3.5' RT	931+70	3.6' RT	239
		PROJECT TOTAL				478

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Addendum No. 01
ID 1228-22-70
Added Sheet 664A
March 7, 2023

REMOVING STORM SEWER PIPE (CONTINUED)

STAGE	ROADWAY	STATION	OFFSET	TO	STATION	OFFSET	204.0245.0001 REMOVING STORM SEWER 12-INCH LF	204.0245.0002 REMOVING STORM SEWER 15-INCH LF	204.0245.0003 REMOVING STORM SEWER 18-INCH LF	204.0245.0004 REMOVING STORM SEWER 21-INCH LF	204.0245.0005 REMOVING STORM SEWER 24-INCH LF	204.0245.0006 REMOVING STORM SEWER 30-INCH LF	204.0245.0007 REMOVING STORM SEWER 36-INCH LF	204.0245.0008 REMOVING STORM SEWER 42-INCH LF	204.0245.0009 REMOVING STORM SEWER 48-INCH LF	204.0245.0010 REMOVING STORM SEWER 54-INCH LF	204.0245.0011 REMOVING STORM SEWER 60-INCH LF	204.0245.0012 REMOVING STORM SEWER 66-INCH LF
5	**MAINLINE**																	
	IH 43 MEDIAN																	
		916+23	6' RT	-	917+43	1' RT	-	-	-	-	-	120	-	-	-	-	-	-
		917+43	0' RT	-	918+52	0' RT	-	-	-	-	-	109	-	-	-	-	-	-
		917+43	0' RT	-	917+49	6' RT	8	-	-	-	-	-	-	-	-	-	-	-
		917+43	0' RT	-	917+43	7' LT	-	7	-	-	-	-	-	-	-	-	-	-
		917+44	0' RT	-	917+44	16' RT	-	15	-	-	-	-	-	-	-	-	-	-
		918+52	0' RT	-	918+71	8' LT	20	-	-	-	-	-	-	-	-	-	-	-
		921+18	7' RT	-	921+44	1' RT	-	28	-	-	-	-	-	-	-	-	-	-
		921+34	24' RT	-	921+43	7' LT	-	19	-	-	-	-	-	-	-	-	-	-
		921+43	7' LT	-	921+44	0' RT	-	9	-	-	-	-	-	-	-	-	-	-
		921+44	0' RT	-	924+22	0' RT	-	-	-	-	-	-	278	-	-	-	-	-
		921+44	0' RT	-	921+49	5' RT	6	-	-	-	-	-	-	-	-	-	-	-
		921+44	0' RT	-	921+49	4' LT	-	8	-	-	-	-	-	-	-	-	-	-
		924+17	5' LT	-	924+22	0' RT	-	7	-	-	-	-	-	-	-	-	-	-
		924+22	0' RT	-	924+72	2' RT	-	-	-	-	-	-	50	-	-	-	-	-
		924+22	0' RT	-	924+22	24' RT	16	-	-	-	-	-	-	-	-	-	-	-
		924+22	0' RT	-	924+22	8' LT	-	7	-	-	-	-	-	-	-	-	-	-
		924+22	0' RT	-	924+26	5' RT	6	-	-	-	-	-	-	-	-	-	-	-
		924+22	0' RT	-	924+22	11' RT	11	-	-	-	-	-	-	-	-	-	-	-
		924+66	5' RT	-	924+72	2' RT	7	-	-	-	-	-	-	-	-	-	-	-
		924+66	5' LT	-	924+72	2' RT	-	7	-	-	-	-	-	-	-	-	-	-

Addendum No. 01
ID 1228-22-70
Revised Sheet 674
March 7, 2023

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REMOVING STORM SEWER PIPE (CONTINUED)

STAGE	ROADWAY	STATION	OFFSET	TO	STATION	OFFSET	204.0245.01 REMOVING STORM SEWER 12-INCH LF	204.0245.02 REMOVING STORM SEWER 15-INCH LF	204.0245.03 REMOVING STORM SEWER 18-INCH LF	204.0245.04 REMOVING STORM SEWER 21-INCH LF	204.0245.05 REMOVING STORM SEWER 24-INCH LF	204.0245.06 REMOVING STORM SEWER 30-INCH LF	204.0245.07 REMOVING STORM SEWER 36-INCH LF	204.0245.08 REMOVING STORM SEWER 42-INCH LF	204.0245.09 REMOVING STORM SEWER 48-INCH LF	204.0245.10 REMOVING STORM SEWER 54-INCH LF	204.0245.11 REMOVING STORM SEWER 60-INCH LF	204.0245.12 REMOVING STORM SEWER 66-INCH LF
5	**MAINLINE**																	
	IH 43 MEDIAN																	
		924+72	9' LT	-	924+72	2' RT	-	9	-	-	-	-	-	-	-	-	-	-
		924+72	2' RT	-	925+19	6' RT	-	-	-	-	-	-	47	-	-	-	-	-
		924+72	2' RT	-	924+72	10' RT	-	10	-	-	-	-	-	-	-	-	-	-
		925+13	5' RT	-	925+19	7' RT	6	-	-	-	-	-	-	-	-	-	-	-
		925+19	7' RT	-	925+75	42' RT	-	-	-	-	-	-	66	-	-	-	-	-
		925+19	7' RT	-	925+19	17' RT	10	-	-	-	-	-	-	-	-	-	-	-
		925+19	7' RT	-	925+19	8' LT	15	-	-	-	-	-	-	-	-	-	-	-
		926+05	42' RT	-	926+70	0' RT	-	77	-	-	-	-	-	-	-	-	-	-
		926+61	4' LT	-	926+70	0' RT	9	-	-	-	-	-	-	-	-	-	-	-
		926+69	10' LT	-	926+70	0' RT	10	-	-	-	-	-	-	-	-	-	-	-
		926+69	10' RT	-	926+70	0' RT	10	-	-	-	-	-	-	-	-	-	-	-
		926+70	0' RT	-	929+19	1' LT	249	-	-	-	-	-	-	-	-	-	-	-
		926+70	0' RT	-	926+76	4' RT	8	-	-	-	-	-	-	-	-	-	-	-
		929+12	3' RT	-	929+19	1' LT	8	-	-	-	-	-	-	-	-	-	-	-
		929+16	10' RT	-	929+19	1' LT	5	-	-	-	-	-	-	-	-	-	-	-
		929+19	1' LT	-	929+19	15' LT	14	-	-	-	-	-	-	-	-	-	-	-
		929+19	1' LT	-	929+19	6' RT	7	-	-	-	-	-	-	-	-	-	-	-
		931+11	60' RT	-	931+15	55' RT	-	7	-	-	-	-	-	-	-	-	-	-
		931+15	55'RT	-	931+21	50' RT	-	8	-	-	-	-	-	-	-	-	-	-
		931+63	8' RT	-	931+68	3' RT	-	7	-	-	-	-	-	-	-	-	-	-
		931+68	3' RT	-	931+69	4' LT	-	7	-	-	-	-	-	-	-	-	-	-
		934+10	54' RT	-	934+13	49' RT	-	6	-	-	-	-	-	-	-	-	-	-
		934+13	49' RT	-	934+14	43' RT	-	6	-	-	-	-	-	-	-	-	-	-
		934+17	8' RT	-	934+18	2' RT	-	6	-	-	-	-	-	-	-	-	-	-
		934+18	2' RT	-	934+19	3' LT	-	6	-	-	-	-	-	-	-	-	-	-
		934+18	3' LT	-	934+18	9' LT	-	6	-	-	-	-	-	-	-	-	-	-
		934+20	50' LT	-	934+21	56' LT	-	6	-	-	-	-	-	-	-	-	-	-
		934+20	44' LT	-	934+20	50' LT	-	6	-	-	-	-	-	-	-	-	-	-
						STAGE 5 SUBTOTAL	425	274	0	0	0	229	441	0	0	0	0	0
						0010 TOTAL	3,592	2,197	483	577	1,004	948	627	534	49	131	82	11

1

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Addendum No. 01
ID 1228-22-70
Added Sheet 674A
March 7, 2023

AGGREGATE (CONTINUED)

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	310.0110 BASE AGGREGATE OPEN-GRADED TON	312.0110 CRUSHED MATERIAL TON
4	**RAMPS**							
	RAMP NC							
		828+74 NC	-	833+50 NC	LT	1,954	465	2,089
	RAMP ND							
		825+25 ND	-	832+91 ND	RT	3,341	791	3,556
	RAMP LA							
		847+40 LA	-	850+68 LA	RT	320	77	343
	RAMP LB							
		850+02 LB	-	858+45 LB	LT	1,963	464	2,088
	RAMP LC							
		867+51 LC	-	870+59 LC	LT	1,088	256	1,151
	RAMP LD							
		862+80 LD	-	868+86 LD	RT	2,464	582	2,617
	RAMP KA							
		886+82 KA	-	889+84 KA	RT	947	226	1,013
	RAMP KB							
		881+3 KB	-	887+30 KB	LT	1,563	372	1,671
	RAMP KC1							
		902+41 KC1	-	906+99 KC1	LT	1,690	397	1,786
		915+51 KC1	-	916+17 KC1	LT	--	--	--
		918+08 KC1	-	918+57 KC1	LT	--	--	--
	RAMP KD							
		903+99 KD	-	909+33 KD	RT	1,954	461	2,071
	RAMP CA							
		920+64 CA	-	926+12 CA	RT	1,323	309	1,388
	RAMP GBA2							
		929+88 GBA2	-	931+45 GBA2	RT	437	104	468
					STAGE 4 SUBTOTAL	57,113	13,730	61,720
5	**MAINLINE**							
	IH 43 MEDIAN NB							
		918+00		934+50	RT	1,327	--	1,421
	IH 43 MEDIAN SB							
		918+00		934+50	LT	1,370	--	1,536
					STAGE 5 SUBTOTAL	2,697	--	2,957
					TOTAL 1000	95,428	15,639	108,590

AGGREGATE UNIT WEIGHTS USED	
Base Aggregate Dense 1 1/4 - inch (TONS/CY)	2.0
Base Aggregate Open Graded (TONS/CY)	1.9
Select Crushed (TONS/CY)	1.9

CONTAMINATED SOILS

STAGE	ROADWAY	STATION	TO	STATION	205.0501.S EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL TON
4	IH 43 SB	845+15	-	845+60	332
					496
	TOTAL CAT 1000				828

BASE PATCHING

LANE	LOCATION	390.0403 Base Patching Concrete SHES SY
OUTSIDE (INCLUDING AUX)	IH 43 (UNDISTRIBUTED)	4,236
MIDDLE	IH 43 (UNDISTRIBUTED)	3,409
INSIDE	IH 43 (UNDISTRIBUTED)	3,388
	TOTAL CAT 1000	11,032

CONCRETE PAVEMENT

ROADWAY	STATION	TO	STATION	OFFSET	415.0090 CONCRETE PAVEMENT 9-INCH SY	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY
LOCAL ROADS						
BROWN ST						
	10+58"BROWN ST"	-	11+09 "BROWN ST"	LT/RT	140	81
	13+86 "BROWN ST"	-	14+52 "BROWN ST"	LT/RT	156	110
WRIGHT ST						
	722+54 "WRIGHT ST"	-	722+83 "WRIGHT ST"	LT/RT	67	71
	725+03 "WRIGHT ST"	-	725+34 "WRIGHT ST"	LT/RT	72	74
LOCUST ST						
	20+90 "LOCUST ST"	-	23+02 "LOCUST ST"	LT/RT	649	133
	24+99 "LOCUST ST"	-	27+73 "LOCUST ST"	LT/RT	859	133
7TH ST						
	243+84 "7TH ST"	-	245+93 "7TH ST"	RT	295	0
BURLEIGH ST						
	20+39 "BURLEIGH ST"	-	21+98 "BURLEIGH ST"	LT/RT	300	97
	24+02 "BURLEIGH ST"	-	25+44 "BURLEIGH ST"	LT/RT	235	97
				TOTAL CAT 1000	2,773	795

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CONCRETE BARRIER & LIGHT POLE BASES

STAGE	ROADWAY	STATION	TO	STATION	603.0105 CONCRETE BARRIER SINGLE-FACED 32-INCH LF	603.0405 CONCRETE BARRIER TRANSITION SECTION 32-INCH LF	603.1132 CONCRETE BARRIER TYPE S32 LF	603.1142 CONCRETE BARRIER TYPE S42 LF	603.1232 CONCRETE BARRIER TYPE S32A LF	603.1242 CONCRETE BARRIER TYPE S42A LF	603.1332 CONCRETE BARRIER TYPE S32B LF	603.1342 CONCRETE BARRIER TYPE S42B LF	603.1442 CONCRETE BARRIER TYPE S42C LF	603.1456 CONCRETE BARRIER TYPE S56C LF	603.2142 CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S42 LF	SPV.0060.0032 CONCRETE BARRIER TYPE S42A LIGHT POLE BASE EACH	SPV.0060.0033 CONCRETE BARRIER TYPE V42 LIGHT POLE BASE EACH	SPV.0060.0034 CONCRETE BARRIER TYPE V42 SPECIAL LIGHT POLE BASE EACH
2	**MAINLINE**																	
	IH 43 MEDIAN																	
		802+46	-	817+11	--	--	--	--	--	1,140	–	22	–	–	–	6	–	–
		818+13	-	818+51	--	--	--	--	--	--	–	–	–	–	–	--	1	–
		819+94	-	832+12	--	--	--	--	--	829	–	32	–	–	–	6	–	–
		833+20	-	845+31	--	--	--	--	--	1,031	–	10	–	–	–	5	–	–
		846+57	-	858+26	--	--	--	--	--	880	–	31	–	–	–	5	–	–
		859+74	-	871+75	--	--	--	--	--	892	–	–	–	–	–	4	–	1
		873+01	-	881+04	--	--	--	--	--	673	–	–	–	–	–	3	–	–
		881+58	-	896+51	--	--	--	--	--	1,221	–	–	–	–	–	6	–	–
		897+77	-	900+11	--	--	--	--	--	145	–	–	–	–	–	1	–	–
		901+40	-	911+00	--	--	--	--	500	--	–	19	–	–	–	4	–	–
		911+55	-	918+60	--	--	--	--	306	--	10	–	–	–	–	3	–	–
	STAGE 2 SUBTOTAL				0	0	0	0	806	6,811	10	114	0	0	0	43	1	1
4	**MAINLINE**																	
	IH 43 NB																	
		815+53	-	816+78	--	--	--	120	--	--	–	–	–	–	–	--	--	–
		817+53	-	818+80	--	--	--	105	--	--	–	–	–	–	–	--	--	–
		844+03	-	845+26	--	--	--	108	--	--	–	–	–	–	–	--	--	–
		856+99	-	858+26	--	--	--	112	--	--	–	–	–	–	–	--	--	–
		870+54	-	871+75	--	--	--	106	--	--	–	–	–	–	–	--	--	–
		879+95	-	881+03	--	--	--	94	--	--	–	–	–	–	–	--	--	–
		896+58	-	896+78	20	--	--	–	--	--	–	–	–	–	–	--	--	–
		914+19	-	916+81	--	--	--	238	--	--	–	–	–	–	–	--	--	–
		923+78	-	924+99	--	--	106	–	--	--	–	–	–	–	–	--	--	–
		933+93	-	935+39	147	--	--	--	--	--	–	–	–	–	–	--	--	–
	IH 43 SB																	
		846+57	-	847+86	--	--	--	114	--	--	–	–	–	–	–	--	--	–
		859+75	-	860+95	--	--	--	105	--	--	–	–	–	–	–	--	--	–
		873+02	-	874+25	--	--	--	108	--	--	–	–	–	–	–	--	--	–
		922+86	-	925+24	--	--	238	–	--	--	–	–	–	–	–	--	--	–
		926+64	-	927+83	--	--	--	--	--	--	–	–	105	–	–	--	--	–
4	**RAMPS**																	
	RAMP NC																	
		831+37 NC	-	833+67 NC	--	--	--	228	--	--	–	–	–	–	–	--	--	–
	RAMP ND																	
		830+88 ND	-	832+15 ND	--	--	--	112	--	--	–	–	–	–	–	--	--	–
	RAMP KB																	
		881+67 KB	-	882+95 KB	--	--	--	113	--	--	–	–	–	–	–	--	--	–
	RAMP KC1																	
		896+79 KC1	-	906+80 KC1	--	--	--	--	--	--	–	–	372	–	624	--	–	–
	RAMP KC2																	
		915+33 KC2	-	915+66 KC2	--	--	--	--	--	--	–	–	34	–	–	--	--	–
	RAMP CA																	
		918+47 CA	-	925+34 CA	--	--	--	--	--	--	–	–	–	678	–	--	–	–
	STAGE 4 SUBTOTAL				167	0	344	1,663	0	0	0	0	511	678	624	0	0	0
5	**MAINLINE**																	
	IH 43 MEDIAN																	
		920+51	-	924+98	--	--	--	--	181	--	16	–	–	–	–	2	–	–
		926+64	-	935+85	102	34	141	–	544	--	–	–	–	–	–	--	--	–
	STAGE 5 SUBTOTAL				102	34	141	0	725	0	16	0	0	0	0	2	0	0
	TOTAL CAT 1000				269	34	485	1,663	1,531	6,811	26	114	511	678	624	45	1	1

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CONCRETE BARRIER TRANSITIONS

STAGE	ROADWAY	STATION	TO	STATION	603.3611 CONCRETE BARRIER TRANSITION TYPE V32 TO S32 EACH	603.3655 CONCRETE BARRIER TRANSITION TYPE V42 TO S42 EACH	603.3311 CONCRETE BARRIER TRANSITION TYPE NJ32DF TO S32 EACH	SPV.0060.0019 CONCRETE BARRIER TRANSITION TYPE V32 TO S32A EACH	SPV.0060.0020 CONCRETE BARRIER TRANSITION TYPE V42 TO S42A EACH	SPV.0060.0021 CONCRETE BARRIER TRANSITION TYPE S56 TO S32A EACH	SPV.0060.0022 CONCRETE BARRIER TRANSITION TYPE S56 TO S42A EACH	SPV.0060.0023 CONCRETE BARRIER TRANSITION TYPE V56 TO S32A EACH	SPV.0060.0024 CONCRETE BARRIER TRANSITION TYPE V56 TO S42A EACH	SPV.0060.0025 CONCRETE BARRIER TRANSITION TYPE S32A TO S42A EACH	SPV.0060.0026 CONCRETE BARRIER TRANSITION TYPE V51 TO S56 SPECIAL EACH	SPV.0060.0027 CONCRETE BARRIER TRANSITION TYPE V56 TO V42 SPECIAL EACH	SPV.0060.0028 CONCRETE BARRIER TRANSITION TYPE V42 TO S56 EACH	SPV.0060.0029 CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL I EACH	SPV.0060.0030 CONCRETE BARRIER TRANSITION TYPE V56 TO V56 SPECIAL II EACH	SPV.0060.0031 CONCRETE BARRIER TRANSITION TYPE V32 TO S42A EACH
2	**MAINLINE**																				
	IH 43 MEDIAN																				
		802+46	-	817+11	–	--	--	--	1	–	1	--	2	--	1	--	–	--	--	--	
		818+13	-	818+51	–	--	--	--	--	--	--	--	–	--	--	--	–	--	--	--	
		819+94	-	832+12	–	--	--	--	2	–	2	--	2	--	--	--	–	--	--	--	
		833+20	-	845+31	–	--	--	--	2	–	--	--	–	--	--	--	–	--	--	--	
		846+57	-	858+26	–	--	--	--	1	–	--	--	1	--	--	1	–	--	--	--	
		859+74	-	871+75	–	--	--	--	1	–	--	--	1	--	--	--	1	1	--	--	
		873+01	-	881+04	–	--	--	--	2	–	--	--	–	--	--	--	–	--	--	--	
		881+58	-	896+51	–	--	--	--	2	–	--	--	2	--	--	--	–	--	--	--	
		897+77	-	900+11	–	--	--	--	2	–	--	--	–	--	--	--	–	--	--	--	
		901+40	-	911+00	–	--	--	1	--	–	--	1	1	6	--	--	–	--	--	1	
		911+55	-	918+60	–	--	--	2	--	1	1	--	–	5	--	--	–	--	--	--	
		STAGE 2 SUBTOTAL			0	0	0	3	13	1	4	1	9	11	1	1	1	1	0	1	
4	**MAINLINE**																				
	IH 43 NB																				
		815+53	-	816+78	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		817+53	-	818+80	–	2	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		844+03	-	845+26	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		856+99	-	858+26	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		870+54	-	871+75	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		879+95	-	881+03	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		896+58	-	896+78	–	--	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		914+19	-	916+81	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		923+78	-	924+99	1	--	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		933+93	-	935+39	–	--	--	--	--	--	--	--	–	--	--	--	–	--	--	--	
	IH 43 SB																				
		846+57	-	847+86	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		859+75	-	860+95	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		873+02	-	874+25	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
		922+86	-	925+24	–	--	--	--	--	--	--	--	–	--	--	--	–	--	--	--	
		926+64	-	927+83	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
4	**RAMPS**																				
	RAMP NC																				
		831+37 NC	-	833+67 NC	–	--	--	--	--	--	--	--	–	--	--	--	--	--	--	--	
	RAMP ND																				
		830+88 ND	-	832+15 ND	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
	RAMP KB																				
		881+67 KB	-	882+95 KB	–	1	--	--	--	–	--	--	–	--	--	--	–	--	--	--	
	RAMP KC1																				
		896+79 KC1	-	906+80 KC1	–	--	--	--	--	--	--	--	–	--	--	--	--	--	--	--	
	RAMP KC2																				
		915+33 KC2	-	915+66 KC2	–	--	--	--	--	--	--	--	–	--	--	--	–	--	--	--	
	RAMP CA																				
		918+47 CA	-	925+34 CA	–	--	--	--	--	--	--	--	–	--	--	--	–	--	--	--	
		STAGE 4 SUBTOTAL			1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	**MAINLINE**																				
	IH 43 MEDIAN																				
		920+51	-	924+98	–	--	--	2	--	–	--	--	–	4	--	--	–	--	--	--	
		926+64	-	935+85	–	--	1	--	--	–	--	1	–	--	--	--	–	--	1	--	
		STAGE 5 SUBTOTAL			0	0	1	2	0	0	0	1	0	4	0	0	0	0	1	0	
		TOTAL CAT 1000			1	14	1	5	13	1	4	2	9	15	1	1	1	1	1	1	

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PAVEMENT CLEANUP PROJECT

LOCATION	SPV.0075.0001 SPECIAL (PAVEMENT CLEANUP PROJECT) HRS
PROJECT 1228-22-70	1,500
TOTAL CAT 1000	1,500

MOBILIZATIONS EMERGENCEY PAVEMENT REPAIR

STAGE	LOCATION	SPV.0060.0009 SPECIAL (MOBILIZATIONS EMERGENCY PAVEMENT REPAIR) EACH
ALL	PROJECT 1228-22-70	10
	TOTAL CAT 1000	10

CPM SCHEDULE ITEMS

STAGE	LOCATION	SPV.0060.001 SPECIAL (BASELINE CPM PROGRESS SCHEDULE) EACH	SPV.0060.002 SPECIAL (MONTHLY CPM PROGRESS SCHEDULE UPDATES) EACH
ALL	PROJECT 1228-22-70	1	36
	TOTAL CAT 1000	1	36

ADJUSTING WATER VALVE BOXES & MANHOLES

LOCATION	STATION	OFFSET	SPV.0060.0080 ADJUSTING WATER VALVE BOXES EACH	SPV.0060.0081 ADJUSTING WATER MANHOLES EACH
IH 43	809+18	61' RT	2	2
IH 43	865+80	61' RT	2	2
IH 43	926+50	61' RT	2	2
TOTAL CAT 8000			6	6

EMERGENCY RESPONSE TO TRAFFIC INCIDENT

LOCATION	SPV.0060.0012 SPECIAL (EMERGENCY RESPONSE TO TRAFFIC INCIDENT INVOLVING CONCRETE BARRIER TEMPORARY) EACH	SPV.0060.0013 SPECIAL (EMERGENCY RESPONSE TO TRAFFIC INCIDENT INVOLVING CRASH CUSHIONS) EACH
1228-22-70	40	10
TOTAL CAT 1000	40	10

CLEANING DRAINAGE STRUCTURES

LOCATION	SPV.0060.0037 CLEANING DRAINAGE STRUCTURES EACH
PROJECT 1228-22-70	40
TOTAL CAT 1000	40

WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH

LOCATION	STATION	TO	STATION	OFFSET	SPV.0165.0001 WALL MODULAR BLOCK MECHANICALLY STABILIZED EARTH SF
IH 43 NB OFF RAMP TO CAPITOL DR	920+75 CA	-	924+00 CA	RT	1,445
TOTAL CAT 1000					1,445

HIGH FRICTION SURFACE TREATMENT

ROADWAY	STATION	TO	STATION	OFFSET	SPV.0180.0001 SPECIAL (RESIN BINDER HIGH FRICTION SURFACE TREATMENT) SY
MAINLINE					
IH 43 NB					
	798+53	-	806+67	RT	5,719
	806+67	-	818+50	RT	6,292
	818+50	-	824+19	RT	2,742
	879+03	-	897+00	RT	9,011
	897+00	-	911+25	RT	6,625
	911+25	-	926+00	RT	8,743
	926+00	-	934+50	RT	4,557
				SUBTOTAL	43,689
MAINLINE					
IH 43 SB					
	798+53	-	806+67	LT	5,014
	806+67	-	818+50	LT	5,559
	818+50	-	824+19	LT	2,602
	879+03	-	897+00	LT	9,001
	897+00	-	911+25	LT	7,333
	911+25	-	926+00	LT	7,354
	926+00	-	934+50	LT	4,572
				SUBTOTAL	41,435
RAMPS					
RAMP NA	107+60 NA	-	109+26 NA		376
RAMP NB	119+54 NB	-	121+48 NB		385
RAMP KB	882+81 KB	-	884+12 KB		242
RAMP KA	887+21 KA	-	887+93 KA		169
RAMP KC1	903+74 KC1	-	905+14 KC1		341
RAMP CA	920+73 CA	-	924+40 CA		1,096
RAMP GBA2	930+12 GBA2	-	930+75 GBA2		183
RAMP GBB2	931+72 GBB2	-	933+43 GBB2		349
				SUBTOTAL	3141
				TOTAL CAT 1000	88,265

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FASTENING SEWER ACCESS COVERS

LOCATION	SPV.0060.0004 FASTENING SEWER ACCESS COVERS EACH
IH 43 - OUTSIDE SHOULDER	160
TOTAL CAT 1000	160

UTILITY LINE OPENING (ULO)

LOCATION		SPV.0060.0011 UTILITY LINE OPENING (ULO) EACH
PROJECT	1228-22-70	20
TOTAL CAT 1000		20

HMA LONGITUDINAL JOINT REPAIR

LOCATION	STATION	TO	STATION	SPV.0195.0002 HMA LONGITUDINAL JOINT REPAIR TON
IH 43 NB	798+53	-	934+50	1,140
IH 43 SB	798+53	-	934+50	1,140
TOTAL CAT 1000				2,280

CONCRETE BARRIER TEMPORARY

CATEGORY	LOCATION	STAGE	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	603.8500 ANCHORING CONCRETE BARRIER TEMPORARY PRECAST LF	614.0905 CRASH CUSHIONS TEMPORARY EACH
1000	IH 43	I	469	469	--	2
		II	25,198	25,198	1,181	6
		OVER WINTER	1,052	1,052	380	--
		IV-A	8,946	8,946	--	6
		IV-B	15,387	15,387	--	7
		V	5,653	5,653	--	2
	SUBTOTAL		56,705	56,705	1,561	23
	LOCUST ST	I	364	364	--	1
		II	--	350	--	1
	SUBTOTAL		364	714	--	2
	TOTAL		57,069	57,419	1,561	25

PAVEMENT MARKING REMOVAL ITEMS

CATEGORY	LOCATION	STAGE	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH
1000	IH 43	II	40,732	11,935	2,884	3
		OVER WINTER	89,113	5,544	--	–
		IV-A	80,148	9,254	276	2
		IV-B	5,732	1,784	16	3
		V	310	--	391	–
		VI	825	166	--	–
		VII	--	--	--	–
	IH 43 TOTAL		216,860	28,682	3,567	8
	LOCUST ST	I	286	100	--	2
		II	258	--	--	–
	LOCUST ST TOTAL		544	100	--	2
	TOTAL		217,403	28,782	3,567	10

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TEMPORARY PAVEMENT MARKING ITEMS

CATEGORY	LOCATION	STAGE	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH LF	643.3120 TEMPORARY MARKING LINE EPOXY 4-INCH LF	643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH LF	643.3205 TEMPORARY MARKING LINE PAINT 8-INCH LF	643.3220 TEMPORARY MARKING LINE EPOXY 8-INCH LF	643.3250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH LF	643.3505 TEMPORARY MARKING ARROW PAINT EACH	643.3520 TEMPORARY MARKING ARROW EPOXY EACH	643.3550 TEMPORARY MARKING ARROW REMOVABLE TAPE EACH	643.3760 TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I EACH	643.3805 TEMPORARY MARKING STOP LINE PAINT 18-INCH LF	643.3850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH LF
1000	IH 43	I	--	--	1,037	--	--	--	--	--	--	--	--	--
		II	64,807	--	8,173	5,178	--	113	--	--	--	162	--	--
		III	14,918	--	1,216	253	--	--	--	--	--	26	--	--
		OVER WINTER	--	80,148	--	--	9,254	--	--	2	--	61	--	--
		IV-A	75,166	--	5,612	8,847	--	110	1	--	--	63	--	--
		IV-B	22,634	--	--	8,061	--	--	--	--	--	9	--	--
		V	33,047	--	--	6,628	--	--	--	--	--	128	--	--
		VI	69,690	--	7,734	13,347	--	1,290	--	--	--	86	--	--
		VII	68,843	68,843	--	15,870	15,870	--	--	--	--	--	--	--
	TOTAL IH 43		349,103	148,990	23,772	58,183	25,123	1,513	1	2	--	535	--	--
	LOCUST ST	I	3,442	--	--	794	--	--	7	--	--	--	65	--
		II	4,286	--	732	359	--	219	7	--	2	--	86	22
	TOTAL LOCUST ST		7,728	--	732	1,153	--	219	14	--	2	--	151	22
	BURLEIGH ST	I	--	--	1,494	--	--	--	--	--	--	--	--	--
		II	--	--	176	--	--	--	--	--	--	--	--	--
		III	--	--	307	--	--	--	--	--	--	--	--	--
	TOTAL		356,831	148,990	26,481	59,336	25,123	1,732	15	2	2	535	151	22

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FIXED MESSAGE SIGNS

CATEGORY	STAGE	LOCATION	SIZE	SF	NO. OF SIGNS	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	NOTES
1000	I	IH 43 NB	72"x18"	9	2	18.00	"EXIT 74"
			90"x48"	30	1	30.00	"LOCUST ST 1 MILE"
			114"x30"	23.75	1	23.75	"LOCUST ST (WITH ARROW)"
			72"x18"	9	2	18.00	"EXIT 75"
			126"x60"	52.5	1	52.50	"KEEFE AVE ATKINSON AVE 1/2 MILE"
			144"x48"	48	1	48.00	"KEEFE AVE ATKINSON AVE (WITH ARROW)"
			84"x18"	10.5	1	10.50	"EXIT 76A"
			120"x60"	50	1	50.00	"190 EAST CAPITOL DR (WITH ARROW)"
		IH 43 SB	84"x18"	10.5	2	21.00	"EXIT 73B"
			120"x30"	25	1	25.00	"NORTH AVE (WITH ARROW)"
			96"x48"	32	1	32.00	"NORTH AVE 1/2 MILE"
			72"x18"	9	1	9.00	"EXIT 74"
			114"x30"	23.75	1	23.75	"LOCUST ST (WITH ARROW)"
						0.00	
		NORTH AVE	78"x36"	19.5	2	39.00	"I-43 SOUTH RAMP CLOSED USE ALT ROUTE"
	SUBTOTAL					400.50	
	II	IH 43 NB	96"x36"	24	1	24.00	"RIGHT LANE EXIT ONLY"
		IH 43 SB	120"x18"	15	1	15.00	"WEST ONLY"
		STH 145, LOCUST ST, DR MLK DR, ATKINSON ST	78"x36"	19.5	7	136.50	"I-43 NORTH RAMP CLOSED USE ALT ROUTE"
		LOCUST ST	78"x36"	19.5	2	39.00	"I-43 SOUTH RAMP CLOSED USE ALT ROUTE"
		VARIOUS LOCATIONS (REFER TO PLANS)	132"x72"	66	10	660.00	"I-43 LANE CLOSURES X MILES AHEAD USE ALT ROUTE"
	SUBTOTAL					874.50	
	IV	IH 43 NB	126"x54"	47.25	1	47.25	"LOCUST ST EXIT CLOSED USE ALT ROUTE"
			126"x72"	63	1	63.00	"KEEFE AVE ATKINSON AVE EXIT CLOSED USE ALT ROUTE"
			126"x72"	63	1	63.00	"HWY 190 CAPITOL DR EXIT CLOSED USE ALT ROUTE"
		IH 43 SB	126"x54"	47.25	1	47.25	"LOCUST ST EXIT CLOSED USE ALT ROUTE"
			126"x54"	47.25	1	47.25	"NORTH AVE EXIT CLOSED USE ALT ROUTE"
	SUBTOTAL					267.75	
	TOTAL					1,543	

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TRAFFIC CONTROL

LOCATION	STAGE	STAGE DURATION	643.0300 TRAFFIC CONTROL DRUMS		643.0420 TRAFFIC CONTROL BARRICADES TYPE III		643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS		643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES		643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A		643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C		643.0800 TRAFFIC CONTROL ARROW BOARDS		643.0900 TRAFFIC CONTROL SIGNS		643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I			643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II			643.1050 TRAFFIC CONTROL SIGNS PCMS	
			*EACH	DAYS	*EACH	DAYS	*EACH	DAYS	*EACH	DAYS	*EACH	DAYS	*EACH	DAYS	*EACH	DAYS	*EACH	DAYS	# OF SIGNS	# OF CYCLES	EACH	# OF SIGNS	# OF CYCLES	EACH	*EACH	DAYS
IH 43	I	30	876	26,280	24	720	--	--	--	--	48	1,440	76	2,280	6	180	74	2,220	4	1	4	1	1	1	2	14
	II	120	608	72,960	42	5,040	--	--	--	--	84	10,080	122	14,640	5	600	197	23,640	--	--	--	13	1	13	--	--
	III	60	679	40,740	29	1,740	--	--	--	--	58	3,480	108	6,480	5	300	134	8,040	--	--	--	12	1	12	--	--
	OVER WINTER	100	--	--	4	400	--	--	--	--	8	800	--	--	--	--	18	1,800	--	--	--	--	--	--	--	--
	IV-A	40	1,211	48,440	67	2,680	--	--	--	--	134	5,360	185	7,400	7	280	156	6,240	--	--	--	7	1	7	--	--
	IV-B	80	685	54,800	68	5,440	--	--	--	--	136	10,880	140	11,200	5	400	142	11,360	--	--	--	9	1	9	--	--
	V	30	559	16,770	21	630	--	--	--	--	42	1,260	65	1,950	5	150	77	2,310	--	--	--	9	1	9	2	14
	VI	30	778	23,340	49	1,470	--	--	--	--	98	2,940	192	5,760	5	150	109	3,270	--	--	--	--	--	--	--	--
	VII	30	363	10,890	3	90	--	--	--	--	6	180	24	720	5	150	54	1,620	--	--	--	--	--	--	--	--
FULL FREEWAY CLOSURE		40	96	3,840	7	280	--	--	--	--	14	560	40	1,600	4	160	17	680	--	--	--	--	--	--	4	160
EXIT RAMP CLOSURES (7 RAMPS, CLOSE 6 TIMES EACH)		42	15	630	3	126	--	--	--	--	6	252	10	420	--	--	4	168	--	--	--	--	--	--	7	294
ENTRANCE RAMP CLOSURES (8 RAMPS, CLOSE 6 TIMES EACH)		48	25	1,200	6	288	--	--	--	--	12	576	5	240	--	--	26	1,248	--	--	--	--	--	--	--	--
IH 43 TOTAL				299,890		18,904		--		--		37,808		52,690		2,370		62,596			4			51		482
BROWN ST		45	10	450	18	810	--	--	--	--	36	1,620	--	--	--	--	35	1,575	--	--	--	--	--	--	4	104
WRIGHT ST		45	10	450	15	675	--	--	--	--	30	1,350		--		--	42	1,890			--			--	4	104
LOCUST ST	I	60	247	14,820	70	4,200	--	--	--	--	140	8,400	32	1,920	2	120	127	7,620	--	--	--	--	--	--	1	7
	II	60	192	11,520	69	4,140	12	720	12	720	138	8,280	20	1,200	2	120	132	7,920	--	--	--	--	--	--	--	--
LOCUST ST TOTAL				26,340		8,340		720		720		16,680		3,120		240		15,540			--			--		7
BURLEIGH ST	I	45	63	2,835	20	900	--	--	--	--	32	1,440	23	1,035	2	90	89	4,005	--	--	--	--	--	--	2	14
IH 43 SB (FOR DECK STRIPPING)	I	4	77	308	2	8	--	--	--	--	4	16	26	104	3	12	13	52	--	--	--	--	--	--	--	--
BURLEIGH ST	II	15	21	315	20	300	--	--	--	--	32	480	--	--	--	--	89	1,335	--	--	--	--	--	--	--	--
BURLEIGH ST	III	15	48	720	26	390	--	--	--	--	44	660	4	60	--	--	93	1,395	--	--	--	--	--	--	--	--
BURLEIGH ST TOTAL				4,178		1,598		--		--		2,596		1,199		102		6,787			--			--		14
DETOURS - IH 43 RAMP CLOSURES																										
IH 43 NB ON RAMP FROM W FOND DU LAC AVE	II, III & IV	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	22	6,600	3	2	6	5	2	10	--	--
IH 43 NB ON RAMP FROM W FOND DU LAC AVE & NORTH AVE	IV	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26	364	3	1	3	6	1	6	--	--
IH 43 NB OFF RAMP TO W CAPITOL DR/STH 190 EB	IV	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	154	2	1	2	--	--	--	--	--
IH 43 NB OFF RAMP TO N GREEN BAY AVE/STH 57	IV	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	61	854	4	1	4	--	--	--	--	--
IH 43 SB ON RAMP FROM N GREEN BAY AVE/STH 57	IV	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	43	602	--	--	--	3	1	3	--	--
FULL FREEWAY CLOSURES																										
IH 43 NB - TRAFFIC CONTROL SETUP FOR STAGING	N/A	2	141	282	9	18	--	--	--	--	18	36	40	80	4	8	84	168	--	--	--	4	2	8	4	8
IH 43 SB - TRAFFIC CONTROL SETUP FOR STAGING	N/A	2	192	384	20	40	--	--	--	--	40	80	40	80	5	10	110	220	--	--	--	9	2	18	4	8
IH 43 NB - STORM SEWER WORK	V	2	128	256	6	12	--	--	--	--	12	24	40	80	4	8	44	88	--	--	--	--	--	--	4	8
IH 43 AT LOCUST ST	LOCAL	4	128	512	6	24	--	--	--	--	12	48	40	160	4	16	48	192	--	--	--	1	4	4	4	16
IH 43 NB AT BURLEIGH ST - DECK REMOVAL & STRIPPING	LOCAL	8	128	1,024	6	48	--	--	--	--	12	96	40	320	4	32	45	360	--	--	--	1	8	8	4	32
IH 43 SB AT BURLEIGH ST - DECK REMOVAL ONLY	LOCAL	4	128	512	6	24	--	--	--	--	12	48	40	160	4	16	48	192	--	--	--	7	4	28	4	16
DETOUR ROUTE TOTALS				2,970		166		--		--		332		880		90		9,794			15			85		88
UNDISTRIBUTED				83,570		7,623		180		180		15,097		14,472		701		24,546			5			34		200
TOTAL				417,848		38,116		900		900		75,483		72,361		3,503		122,728			24			170		999

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TRAFFIC CONTROL (PEDESTRIAN ACCOMMODATIONS)

CATEGORY	LOCATION	STAGE	644.1430 TEMPORARY PEDESTRIAN SURFACE PLATE SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF
1000	IH 43 NB (OFF RAMP TO CAPITOL DR)	IV	--	--	--	36
	BROWN STREET		--	--	--	715
	WRIGHT STREET		--	--	--	774
	LOCUST STREET	I	--	--	--	283
		II	--	--	--	296
	SUBTOTAL		--	--	--	579
	BURLEIGH STREET	I	--	--	--	--
		II	80	90	40	161
		III	40	75	20	92
	TOTAL		120	165	60	2,357

TRAFFIC CONTROL - CLOSURES

CATEGORY	STAGE	LOCATION	643.4100 TRAFFIC CONTROL INTERIM LANE CLOSURE EACH	SPV.0060.0016 TRAFFIC CONTROL CLOSE-OPEN FREEWAY ENTRANCE RAMP EACH	SPV.0060.0017 TRAFFIC CONTROL FULL FREEWAY CLOSURE EACH
1000		IH 43 - SHORT-TERM SINGLE LANE CLOSURE	220	--	--
		IH 43 - SHORT-TERM DUAL LANE CLOSURE	250	--	--
		IH 43 - LONG TERM CLOSURE, STAGE II	2	--	--
		LOCAL STREET CLOSURES (8 STREETS, 2 DIRECTIONS)	16	--	--
		ENTRANCE RAMPS (8 RAMPS, CLOSE 6 TIMES)	--	48	--
		FULL FREEWAY CLOSURES	--	--	40
	UNDISTRIBUTED		122	12	10
	TOTAL		610	60	50

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DEPARTMENT FURNISHED FREEWAY SERVICE TEAM (FST) SIGNS

CATEGORY	STAGE	LOCATION	**634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	SPV.0060.0035 MOVING STATE FURNISHED SIGNS EACH	SPV.0060.0036 INSTALL STATE FURNISHED SIGNS EACH	NOTES
1000	I	IH 43 NB	3	1	--	"WISDOT SAFETY PATROL COVERAGE BEGINS SPONSORED BY GEICO
			3	--	1	"WISDOT SAFETY PATROL IN WORK ZONE SPONSORED BY GEICO"
		IH 43 SB	3	--	1	"WISDOT SAFETY PATROL IN WORK ZONE SPONSORED BY GEICO"
			3	1	--	"WISDOT SAFETY PATROL COVERAGE ENDS SPONSORED BY GEICO"
	TOTAL		12	2	2	

**QUANTITIES SHOWN ELSEWHERE.

PORTABLE AUTOMATED REAL-TIME TRAFFIC QUEUE WARNING SYSTEM (QWS ITEM 643.1200.S)

CATEGORY	LOCATION	STAGE	PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)	PORTABLE TRAFFIC SENSORS (PTS)	QUEUE WARNING SYSTEM (DAY)
1000	IH 43	II	6	5	120
		III	6	5	60
		IV-A	10	9	40
		IV-B	3	3	80
		V	12	10	30

*THESE ITEMS ARE PART OF THE QWS AND ARE PAID FOR ONE COMPLETE SYSTEM PER ROADWAY

STORM SEWER PIPES

FROM	TO	LOCATION	608.0312 SSPRC CLASS III 12-INCH LF	608.0315 SSPRC CLASS III 15-INCH LF	608.0318 SSPRC CLASS III 18-INCH LF	608.0321 SSPRC CLASS III 21-INCH LF	608.0324 SSPRC CLASS III 24-INCH LF	608.0330 SSPRC CLASS III 30-INCH LF	608.0336 SSPRC CLASS III 36-INCH LF	608.0342 SSPRC CLASS III 42-INCH LF	608.0348 SSPRC CLASS III 48-INCH LF	608.0354 SSPRC CLASS III 54-INCH LF	608.0360 SSPRC CLASS III 60-INCH LF	608.0366 SSPRC CLASS III 66-INCH LF	608.0412 SSPRC CLASS IV 12-INCH LF	608.0415 SSPRC CLASS IV 15-INCH LF	608.0418 SSPRC CLASS IV 18-INCH LF	608.0424 SSPRC CLASS IV 24-INCH LF	608.0436 SSPRC CLASS IV 36-INCH LF	608.0442 SSPRC CLASS IV 42-INCH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT	STAGE
1722 -	1724	43 RL	135	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	670.02	668.67	1.00%	5
1724 -	1732	43 RL	104	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	668.70	667.66	1.00%	5
1725 -	1726	43 RL	---	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	670.27	670.19	1.00%	5
1726 -	1724	43 RL	---	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	670.18	670.11	1.00%	5
1732 -	1734	43 RL	---	61	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	667.46	666.85	1.00%	5
1734 -	1742	43 RL	---	87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	666.74	663.45	3.79%	5
1736 -	1732	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7	---	---	---	669.20	669.15	0.68%	5
1738 -	1736	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	---	---	---	669.25	669.20	0.59%	5
1742 -	E1712	43 RL	---	---	94	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	663.43	662.49	1.00%	4-23.0 FT, 5
1756 -	1742	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	10	---	---	---	---	665.09	665.00	0.95%	5
1758 -	1762	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	7	---	---	---	---	665.10	664.99	1.54%	4
1760 -	1762	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	---	---	666.83	664.99	1.68%	4
1762 -	CC-PE1763	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	8	---	---	---	---	664.99	664.79	2.57%	4
1800 -	CC-1800-B	43 RL	---	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	677.74	677.66	1.00%	5
1802 -	CC-1802-B	43 RL	---	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	677.03	676.97	1.07%	5
1804 -	CC-1804-A	43 RL	---	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	680.68	679.70	15.99%	5
1806 -	CC-1806	43 RL	---	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	681.56	681.43	2.03%	5
1808 -	1806	43 RL	---	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	681.96	681.92	0.60%	5
1809 -	1808	43 RL	---	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	682.03	681.96	0.85%	5
1810 -	CC-1810-A	43 RL	---	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	682.36	682.31	0.97%	5
CC-1207 -	1208	43 RL	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	696.29	696.14	1.87%	2
CC-1213 -	1214	43 RL	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	696.95	696.90	0.55%	2
CC-1267 -	1268	43 RL	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	690.43	690.11	4.75%	2
CC-1277 -	1278	43 RL	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	689.33	689.02	5.71%	2
CC-1285 -	1290	43 RL	---	---	---	---	8	---	---	---	---	---	---	---	---	---	---	---	---	---	686.05	685.97	0.99%	2
CC-1305 -	1305	43 RL	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	687.42	687.05	4.83%	2
CC-1315 -	1316	43 RL	---	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	686.00	685.03	10.08%	4
CC-1321 -	1300	43 RL	---	---	---	---	5	---	---	---	---	---	---	---	---	---	---	---	---	---	680.95	680.73	4.41%	2
CC-1376 -	1376	43 RL	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	684.59	684.56	0.41%	4
CC-1425 -	1396	43 RL	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	682.10	682.00	2.35%	2
CC-1427 -	1427	43 RL	---	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	682.66	682.37	4.76%	2
CC-1479 -	1486	43 RL	---	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	676.56	676.48	1.41%	2
CC-1510 -	1510	43 RL	---	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	667.60	667.44	2.09%	5
CC-1525 -	1526	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	---	---	---	669.67	669.26	8.97%	5
CC-1555 -	1556	43 RL	---	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	667.43	667.20	1.50%	5
CC-1587 -	1590	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	16	---	---	---	---	664.98	664.02	6.16%	4
CC-1637 -	1620	43 RL	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	661.32	661.22	1.21%	5
CC-1677 -	1656	43 RL	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	660.92	660.83	1.27%	5
CC-1685 -	1656	43 RL	---	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	660.87	660.54	2.79%	5
CC-1702 -	1703	43 RL	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	661.11	660.98	1.46%	5
CC-1705 -	1706	43 RL	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	661.44	661.38	1.06%	5
CC-1725 -	1725	43 RL	---	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	670.34	670.27	1.16%	5
CC-1753 -	1742	43 RL	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	663.82	663.54	3.42%	5
CC-1763 -	1742	43 RL	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	663.72	663.51	2.56%	5
CC-1800-A -	1800	43 RL	---	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	677.82	677.74	1.00%	5
CC-1802-A -	1802	43 RL	---	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	677.11	677.03	1.00%	5
CC-1804-B -	1804	43 RL	---	6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	680.80	680.68	2.05%	5
CC-1810-B -	1810	43 RL	---	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	682.43	682.36	1.02%	5
CC-PE1217 -	1208	43 RL	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	696.97	696.44	7.12%	2
CC-PE1359 -	1360	43 RL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16	---	---	---	685.73	685.28	2.92%	2
CC-PE1467 -	1446	43 RL	---	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	674.84	674.69	2.89%	2
CC-PE1485 -	1486	43 RL	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	676.78	676.67	1.22%	2
CC-PE1721 -	1724	43 RL	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	671.16	671.08	0.79%	5
CC-1596A -	CC-1596B	43 RL	---	---	---	---	---	---	20	---	---	---	---	---	---	---	---	---	---	---	660.87	660.66	1.08%	4, REMOVED IN 5
2000 -	2002	LOCUST	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	674.10	674.00	1.48%	1
2002 -	CC-2002	LOCUST	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	673.96	673.80	2.00%	1
2004 -	CC-2004	LOCUST	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	675.17	675.05	1.50%	1
2008 -	CC-2008	LOCUST	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	675.06	674.94	1.50%	2
2010 -	CC-2010	LOCUST	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	673.82	673.62	1.54%	1
2014 -	CC-2014	LOCUST	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	673.80	673.68	1.50%	2
2016 -	2042	LOCUST	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	672.52	672.38	1.39%	1
2020 -	CC-2020	BURLEIGH	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	675.80	675.63	2.13%	1
2022 -	2044	BURLEIGH	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	674.52	674.28	3.00%	1
2026 -	CC-2026	BURLEIGH	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	674.90	674.74	2.00%	1
2030 -	CC-2030	BURLEIGH	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	675.54	675.38	2.00%	1
2034 -	CC-2034	BURLEIGH	25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	676.51	676.15	1.46%	3
2038 -	CC-2038	BURLEIGH	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	674.86	674.70	2.00%	1
2042 -	CC-2042	LOCUST	7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	672.38	672.27	1.58%	1
2044 -	CC-2044	BURLEIGH	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	674.05	673.89	2.00%	1
CC-2016 -	2016	LOCUST	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	672.67	672.55	1.50%	1
CC-2022 -	2022	BURLEIGH	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	674.69	674.52	2.12%	1
PROJECT TOTAL			3204	4295	576	26	2187	316	1290	1368	49	137	82	11	584	1326	589	121	408	68				

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Addendum No. 01
ID 1228-22-70
Revised Sheet 715
March 7, 2023

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	611.0530 MANHOLE COVERS TYPE J SPECIAL EACH	611.0606 INLET COVERS TYPE B EACH	611.0627 INLET COVERS TYPE HM EACH	611.0654 INLET COVERS TYPE V EACH	611.0660 INLET COVERS TYPE WM EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	611.2009 MANHOLES 9-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	RIM** ELEVATION	INVERT*** ELEVATION	DEPTH**** FT	STAGE
1620	924+22.28	1.93' RT	43 RL	---	---	---	1	---	---	---	1	---	---	---	---	---	666.82	655.71	10.14	5
1630	923+39.39	60.86' RT	43 RL	---	---	1	---	---	---	---	---	---	---	---	1	---	667.45	663.61	3.00	4
1632	924+21.90	59.72' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.73	661.03	4.36	4
1640	922+94.02	55.33' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	668.11	663.05	3.91	4
1642	923+56.85	55.32' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	667.35	662.20	4.00	4
1644	924+20.90	62.67' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	668.31	661.49	5.67	4
1646	924+21.28	55.30' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.75	661.39	4.22	4
1650	924+16.08	1.94' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.90	663.67	2.09	5
1656	924+72.02	2.72' RT	43 RL	---	---	---	1	---	---	---	1	---	---	---	---	---	666.65	655.22	10.48	5
1670	924+71.87	64.58' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	667.55	662.40	3.98	4
1672	924+82.60	58.09' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.63	662.43	3.03	4
1674	924+71.85	58.37' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.61	660.75	4.53	4
1680	924+71.38	61.46' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.97	662.09	3.74	4
1682	924+59.00	55.30' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.59	662.15	3.30	4
1684	924+71.67	55.31' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.56	662.02	3.40	4
1688	924+61.24	1.59' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.69	661.48	4.07	5
1694	925+09.16	2.75' RT	43 RL	---	---	---	1	---	---	---	1	---	---	---	---	---	666.76	654.74	11.06	5
1700	925+19.24	56.45' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.58	662.01	3.40	4
1703	925+18.69	7.40' RT	43 RL	1	---	---	---	---	---	---	---	---	1	---	---	---	667.03	654.65	11.52	5
1704	925+18.30	55.30' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.59	661.94	3.49	4
1706	925+19.10	1.73' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	666.82	661.35	4.30	5
1714	926+10.23	55.29' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	667.70	661.51	5.04	4
1722	930+56.13	1.94' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	681.02	670.02	9.82	5
1724	929+20.72	1.95' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	676.85	668.67	7.01	5
1725	929+20.27	8.11' LT	43 RL	1	---	---	---	---	---	1	---	---	---	---	---	---	677.17	670.27	5.85	5
1726	929+15.33	1.96' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	676.78	670.18	5.45	5
1732	928+17.02	5.33' RT	43 RL	1	---	---	---	---	---	1	---	---	---	---	---	---	673.93	667.46	5.42	5
1734	927+56.27	6.56' RT	43 RL	1	---	---	---	---	---	---	1	---	---	---	---	---	672.15	666.74	4.36	5
1736	928+10.50	1.95' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	673.58	669.20	3.23	5
1738	928+02.95	1.96' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	673.40	669.25	3.00	5
1742	926+69.58	1.15' RT	43 RL	---	---	---	1	---	---	---	1	---	---	---	---	---	669.38	663.43	4.82	5
1756	926+60.97	3.09' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	669.19	665.09	2.93	5
1758	926+69.06	63.83' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	670.58	665.10	4.32	4
1760	927+78.49	56.00' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	672.26	666.83	4.27	4
1762	926+68.67	56.69' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	669.05	664.99	2.90	4
1800	931+09.14	55.70' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	683.79	677.74	4.90	5
1802	931+68.53	1.95' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	684.35	677.03	6.17	5
1804	934+13.26	49.05' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	691.74	680.68	9.92	5
1806	934+17.97	1.95' RT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	691.75	681.56	9.05	5
1808	934+23.40	1.97' LT	43 RL	---	---	---		---	---	---	---	---	---	---	1	---	691.87	681.96	8.76	5
1809	934+18.62	8.68' LT	43 RL	1	---	---	---	---	---	1	---	---	---	---	---	---	691.74	682.03	8.66	5
1810	934+19.84	48.96' LT	43 RL	---	---	---	1	---	---	---	---	---	---	---	1	---	691.22	682.36	7.71	5
2000	26+45.08	131.14' RT	LOCUST	---	---	---	---	1	---	---	---	---	---	---	1	---	677.35	674.35	1.65	1
2002	26+51.84	131.05' RT	LOCUST	1	---	---	---	---	1	---	---	---	---	---	---	---	677.06	673.96	2.03	1
2004	25+75.89	40.98' RT	LOCUST	---	---	---	---	1	---	---	---	---	---	---	1	---	678.60	675.17	2.24	1
2008	25+93.04	40.92' LT	LOCUST	---	---	---	---	1	---	---	---	---	---	---	1	---	678.69	675.06	2.44	2
2010	22+19.80	103.03' RT	LOCUST	---	---	---	---	1	---	---	---	---	---	---	1	---	679.22	673.82	4.21	1
2014	22+48.63	40.75' LT	LOCUST	---	---	---	---	1	---	---	---	---	---	---	1	---	679.51	673.80	4.52	2
2016	22+31.75	41.23' RT	LOCUST	---	---	---	---	1	---	---	---	---	---	---	1	---	679.38	672.52	5.67	1
2020	21+49.94	28.56' LT	BURLEIGH	---	---	---	---	1	---	---	---	---	---	---	1	---	679.17	675.80	2.18	1
2022	21+49.93	30.92' RT	BURLEIGH	---	---	---	---	1	---	---	---	---	---	---	1	---	679.12	674.52	3.41	1
2026	24+34.10	28.55' LT	BURLEIGH	---	---	---	---	1	---	---	---	---	---	---	1	---	679.29	674.90	3.20	1
2030	24+41.68	30.93' RT	BURLEIGH	---	---	---	---	1	---	---	---	---	---	---	1	---	679.29	675.54	2.56	1
2034	25+04.45	30.81' RT	BURLEIGH	---	---	---	---	1	---	---	---	---	---	---	1	---	679.14	676.14	1.65	3
2038	25+07.36	26.17' LT	BURLEIGH	---	---	---	---	1	---	---	---	---	---	---	1	---	678.78	674.86	2.73	1
2042	22+22.17	38.08' RT	LOCUST	1	---	---	---	---	---	1	---	---	---	---	---	---	679.34	672.38	5.89	1
2044	21+47.02	38.38' RT	BURLEIGH	1	---	---	---	---	1	---	---	---	---	---	---	---	679.68	674.05	4.55	1
E2046	20+46.00	26.41' LT	BURLEIGH	---	---	---	---	1	---	---	---	---	---	---	---	---	679.10	---	---	1
			TOTALS	104	12	117	211	13	9	49	48	6	13	1	321	10				

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REMARKS:

*STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

**RIM ELEV IS AT THE INLET COVER FLANGE LOCATION

***FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT

****DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6-INCH ADJUSTMENT RING HEIGHT

Addendum No. 01
ID 1228-22-70
Revised Sheet 724
March 7, 2023

CONCRETE COLLARS CONT.

STAGE	NAME	LOCATION	STA	OFFSET	520.8000 CONCRETE COLLARS FOR PIPE EACH
4					
	CC*	43 RL	862+47.10	23.09	1
	CC-747	43 RL	864+45.12	-53.25	1
	CC-PE741	43 RL	864+45.20	52.96	1
	CC-PE759	43 RL	866+25.12	101.37	1
	CC-773	43 RL	866+93.32	-52.14	1
	CC-PE771	43 RL	866+93.83	45.50	1
	CC-PE767	43 RL	867+02.28	51.49	1
	CC-767	43 RL	867+52.91	51.17	1
	CC-765	43 RL	867+61.10	57.07	1
	CC-763	43 RL	867+65.34	51.11	1
	CC-PE765	43 RL	867+68.41	76.98	1
	CC-807	43 RL	867+81.36	-108.36	1
	CC-PE763	43 RL	868+33.52	50.88	1
	CC-PE809	43 RL	868+54.71	-62.48	1
	CC-809	43 RL	868+84.89	-59.95	1
	CC-PE811	43 RL	868+96.44	-63.77	1
	CC-PE807	43 RL	869+15.48	-89.84	1
	CC-811	43 RL	869+16.71	-84.30	1
	CC-815	43 RL	869+22.12	-83.94	1
	CC-PE833	43 RL	869+78.31	60.56	1
	CC-PE1071	43 RL	871+46.52	-55.69	1
	CC-1077	43 RL	871+57.50	53.74	1
	CC-1081	43 RL	871+64.03	60.78	1
	CC-1051	43 RL	871+64.59	56.36	1
	CC-1083	43 RL	871+73.91	64.33	1
	CC-PE1031	43 RL	874+43.58	59.00	1
	CC*	43 RL	874+43.64	-34.91	1
	CC-PE1013	43 RL	879+43.89	-61.37	1
	CC-PE1005	43 RL	881+93.12	-64.39	1
	CC-PE997	43 RL	881+93.64	57.00	1
	CC-953	43 RL	884+64.65	45.71	1
	CC-947	43 RL	884+74.98	52.12	1
	CC-967	43 RL	885+01.65	-75.98	1
	CC-PE971	43 RL	885+01.94	-52.89	1
	CC-9277	43 RL	885+02.74	-65.86	1
	CC-PE947	43 RL	885+12.29	54.63	1
	CC-941	43 RL	885+24.46	55.62	1
	CC-PE941	43 RL	888+29.85	84.67	1
	CC-935	43 RL	888+43.38	80.24	1
	CC-913	43 RL	888+47.74	97.71	1

CONCRETE COLLARS CONT.

STAGE	NAME	LOCATION	STA	OFFSET	520.8000 CONCRETE COLLARS FOR PIPE EACH
4					
	CC-PE935	43 RL	888+48.17	65.12	1
	CC-933	43 RL	888+58.46	60.51	1
	CC-PE933	43 RL	889+17.29	67.38	1
	CC-928	43 RL	889+43.50	51.59	1
	CC-927	43 RL	889+43.52	45.54	1
	CC-921	43 RL	889+43.53	-51.94	1
	CC*	43 RL	894+94.01	22.99	1
	CC-1217	43 RL	896+68.17	59.23	1
	CC-PE1213	43 RL	896+69.03	-43.33	1
	CC*	43 RL	900+36.94	-34.88	1
	CC-PE1277	43 RL	901+19.17	53.08	1
	CC-PE1285	43 RL	902+93.62	-60.77	1
	CC-1315	43 RL	905+00.04	-87.49	1
	CC-1317	43 RL	905+06.67	-75.44	1
	CC-PE1305	43 RL	905+14.48	95.94	1
	CC-1376	43 RL	907+17.05	-106.18	1
	CC-1359	43 RL	907+85.46	48.81	1
	CC*	43 RL	908+43.82	-34.76	1
	CC*	43 RL	910+95.06	-34.95	1
	CC-PE1425	43 RL	912+14.50	55.17	1
	CC-1467	43 RL	914+69.24	47.16	1
	CC-1485	43 RL	915+53.84	-78.89	1
	CC-1522	43 RL	917+44.26	43.66	1
	CC-1596A	43 RL	921+08.08	11.06	1
	CC-1596B	43 RL	921+27.11	4.94	1
	CC-1587	43 RL	922+06.91	99.62	1
	CC-1635	43 RL	924+22.00	45.15	1
	CC-PE1685	43 RL	924+71.75	-44.50	1
	CC-1675	43 RL	924+71.88	42.03	1
	CC-PE1705	43 RL	925+18.47	-44.33	1
	CC-1701	43 RL	925+19.13	42.96	1
	CC-PE1753	43 RL	926+68.61	52.17	1
	CC-PE1763	43 RL	926+68.79	-48.92	1
	CC-1721	43 RL	928+95.67	46.06	1
	CC-1721	43 RL	928+95.67	46.06	1
	STAGE 4 SUBTOTAL				140

CONCRETE COLLARS CONT.

STAGE	NAME	LOCATION	STA	OFFSET	520.8000 CONCRETE COLLARS FOR PIPE EACH
5					
	CC-1498	43 RL	916+31.14	5.00	1
	CC-1525	43 RL	917+43.55	-6.55	1
	CC-1510	43 RL	917+44.17	15.25	1
	CC*	43 RL	918+78.21	39.00	1
	CC-1555	43 RL	918+70.87	-8.00	1
	CC-1637	43 RL	924+22.22	10.63	1
	CC-1677	43 RL	924+72.00	9.81	1
	CC-1685	43 RL	924+72.01	-9.20	1
	CC-1702	43 RL	925+18.89	16.32	1
	CC-1705	43 RL	925+19.02	-7.41	1
	CC*	43 RL	925+68.94	38.99	1
	CC*	43 RL	926+10.53	38.16	1
	CC-1753	43 RL	926+69.42	9.46	1
	CC-1763	43 RL	926+69.48	-7.07	1
	CC-PE1721	43 RL	929+15.95	10.26	1
	CC-1725	43 RL	929+20.22	-14.74	1
	CC-1800-A	43 RL	931+04.33	62.04	1
	CC-1800-B	43 RL	931+14.97	50.31	1
	CC-1802-A	43 RL	931+62.56	7.24	1
	CC-1802-B	43 RL	931+68.81	-3.67	1
	CC-1804-A	43 RL	934+09.96	54.21	1
	CC-1804-B	43 RL	934+13.84	43.22	1
	CC-1806	43 RL	934+17.33	8.33	1
	CC-1810-A	43 RL	934+19.69	-43.80	1
	CC-1810-B	43 RL	934+21.08	-55.69	1
	STAGE 5 SUBTOTAL				25
	PROJECT TOTAL				296

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Addendum No. 01
ID 1228-22-70
Revised Sheet 727
March 7, 2023

NOTES: CC* INDICATES LOCATIONS OF PROPOSED PIPES CROSSING THE ROAD

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
101R	R7-1R		1		ON FENCE				
102R	R7-1L		1		ON FENCE				
103R	R7-1R		1		ON FENCE				
104R	R7-1L		1		ON FENCE				
105R	W3-3		1	1					
106R	W3-3		1		LIGHT POLE				
107R	D1-1		1	2					
108R	R3-8AF		1	1					
109R	R3-8AF		1	1					
110R	R5-1		1		SIGNAL POLE				
111R	R5-1A		1		SIGNAL POLE				
112R	R5-1		1		SIGNAL POLE				
113R	R5-1A		1		SIGNAL POLE				
114R	D1-1		1	2					
115R	R1-2		1	1					
116R	NOT USED								
117R	NOT USED								
118R	R3-51L		1	1					
119R	W3-8		1		SIGNAL POLE				
120R	W3-8		1		SIGNAL POLE				
121R	J3-1		1	1					
122R	R10-6		1		SIGNAL POLE				
123R	R10-65R		1		SIGNAL POLE				
124R	R10-65C		1	1					
125R	R10-6 MOD		1	1					
126R	R10-65L		1		SIGNAL POLE				
127R	R10-6 MOD		1		SIGNAL POLE				

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March 7, 2023

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
128R	W4-1R		1	1					
129R	R3-7L		1	1					
130R	R7-1D		1		LIGHT POLE				
131R	J3-1		1		LIGHT POLE				
132R	W3-8		1		SIGNAL POLE				
133R	J3-1		1	1					
134R	R10-6 MOD		1	1					
135R	R3-51R		1	1					
136R	R10-65L		1		ON S-40-701				
137R	R10-65C		1		ON S-40-701				
138R	W4-2L		1		ON UPRIGHT OF S-40-701				
139R	R7-1D		1	1					
140R	R10-65R		1		SIGNAL POLE				
141R	R10-6		1		SIGNAL POLE				
142R	R5-57		1	1					
143R	R5-1A		1		LIGHT POLE				
144R	R5-1		1		LIGHT POLE				
145R	NONE	CRASH INVESTIGATION SITE 73S	1	1					
146R	NOT USED								
147R	NOT USED								
148R	R5-1A		1	1					
149R	R8-55		1	1	INCLUDES REMOVAL OF 2 HOUR LIMIT PLAQUE				
150R	R8-55		1		INCLUDES REMOVAL OF 2 HOUR LIMIT PLAQUE				
151R	J2-1		1	1					
152R	D4-56L		1	1					
153R	R2-1	SPEED LIMIT 30	1		LIGHT POLE				
154R	R2-1	SPEED LIMIT 30	1		LIGHT POLE				
155R	R2-1	SPEED LIMIT 30	1		LIGHT POLE				

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ID 1228-22-70
Revised Sheet 730
March 7, 2023

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
156R	J3-1		1		LIGHT POLE				
157R	R3-7L		1		LIGHT POLE				
158R	R5-1		1		UPRIGHT OF CITY OVERHEAD SIGN STRUCTURE				
159R	J2-2		1		UPRIGHT OF CITY OVERHEAD SIGN STRUCTURE				
160R	NONE	CRASH INVESTIGATION SITE 74N	1	1					
161R	R8-55		1	1	INCLUDES REMOVAL OF 2 HOUR LIMIT PLAQUE				
162R	R8-55		1	1	INCLUDES REMOVAL OF 2 HOUR LIMIT PLAQUE				
163R	D4-56R		1	1					
164R	R7-1D		1		LIGHT POLE				
165R	R3-7R		1	1					
166R	J3-1		1		LIGHT POLE				
167R	R3-7R		1		ON UPRIGHT OF CITY OVERHEAD SIGN STRUCTURE				
168R	J3-1		1	1					
169R	R3-11R		1	1					
170R	R6-2R		1		SIGNAL POLE				
171R	R3-11R		1	1					
172R	W3-8		1		SIGNAL POLE				
173R	R4-7		1	1	REMOVAL OF W5-52R PART OF ITEM				
174R	NOT USED								
175R	R3-11R		1		SIGNAL POLE				
176R	R6-2L		1		SIGNAL POLE				
177R	R7-1D		1	1					
178R	J2-1		1		LIGHT POLE				
179R	R7-1D		1	1					
180R	R8-LF		1	1					
181R	R6-2L		1	1					
182R	R7-1D		1		LIGHT POLE				
183R	R5-1A		1		ON UPRIGHT OF CITY OVERHEAD SIGN STRUCTURE				

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Revised Sheet 731
March 7, 2023

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	**638.2602** REM SIGNS TYPE II [EA]	**638.3000** REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	**638.2601** REM SIGNS TYPE I [EA]	**638.3100** REM STR STEEL SIGN SUP [EA]	**638.2102** MOVING SIGNS TYPE II [EA]	**634.0885** POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
184R	R7-1D		1		LIGHT POLE				
185R	J2-1		1		LIGHT POLE				
186R	J3-2		1		LIGHT POLE				
187R	R5-1A		1	1					
188R	NOT USED								
189R	D2-3		1		LIGHT POLE				
190R	R7-1D		1	1					
191R	R7-1D		1		LIGHT POLE				
192R	R8-LL		1		SIGNAL POLE				
193R	R5-1		1	1	R5-1A PART OF REMOVAL				
194R	R6-2L		1		SIGNAL POLE				
195R	R6-2R		1		SIGNAL POLE				
196R	J3-1		1		SIGNAL POLE				
197R	W3-8		1		SIGNAL POLE				
198R	J3-1		1		LIGHT POLE				
199R	R3-8LL		1		LIGHT POLE				
200R	R10-6 MOD		1		SIGNAL POLE				
201R	R10-6		1		SIGNAL POLE				
202R	R5-57		1		LIGHT POLE				
203R	R3-8LF		1		SIGNAL POLE				
204R	J3-1		1	1					
205R	R10-65L		1		SIGNAL POLE				
206R	R10-6 MOD		1		SIGNAL POLE				
207R	R10-65R		1		SIGNAL POLE				
208R	R10-6		1		SIGNAL POLE				
209R	R3-51R		1	2					
210R	W4-2L		1	1					
211R	R7-1D		1		ON FENCE				

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Revised Sheet 732
March 7, 2023

ADDENDUM #1 SHEET: 4 OF 12

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
212R	R3-2		1		SIGNAL POLE				
213R	W5-52		1		SIGNAL POLE				
214R	R7-1D		1		ON FENCE				
215R	R6-2R		1		SIGNAL POLE				
216R	R6-2L		1		SIGNAL POLE				
217R	R6-2R		1		SIGNAL POLE				
218R	R6-2L		1		SIGNAL POLE				
219R	W5-52		1	1					
220R	NOT USED								
221R	R3-3		1	1	REMOVAL OF R5-1 PART OF ITEM				
222R	R5-1A		1	1					
223R	R5-1A		1	1					
224R	R10-65L		1		SIGNAL POLE				
225R	R10-6 MOD		1		SIGNAL POLE				
226R	R10-65R		1		SIGNAL POLE				
227R	R10-6		1		SIGNAL POLE				
228R	J3-1		1		LIGHT POLE				
229R	W3-8		1		SIGNAL POLE				
230R	J3-1		1		LIGHT POLE				
231R	R5-1A		1	1					
232R	R7-1D		1	1					
233R	W3-3		1	1					
234R	NOT USED								
235R	R3-7R		1	1					
236R	R5-1		1	1					
237R	R1-2		1		LIGHT POLE				
238R	R7-1D		1		LEAVE POST AND CITY SIGN				
239R	R3-7L		1	1					

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March 7, 2023

ADDENDUM #1 SHEET: 5 OF 12

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	**638.2602** REM SIGNS TYPE II [EA]	**638.3000** REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	**638.2601** REM SIGNS TYPE I [EA]	**638.3100** REM STR STEEL SIGN SUP [EA]	**638.2102** MOVING SIGNS TYPE II [EA]	**634.0885** POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
240R	J3-1		1	1					
241R	W3-8		1		SIGNAL POLE				
242R	R10-65R		1		SIGNAL POLE				
243R	R10-6		1		SIGNAL POLE				
244R	W4-2L		1	1					
245R	R10-6 MOD		1		SIGNAL POLE				
246R	R10-65L		1		SIGNAL POLE				
247R	R5-57		1	1					
248R	R7-1D		1	1					
249R	R5-1A		1	1					
250R	W3-1		1	1					
251R	W3-1		1	1					
252R	R1-1		1		LIGHT POLE				
253R	R1-1		1	1					
254R	R5-1A		1		LIGHT POLE				
255R	R5-1		1	1					
256R	R5-1		1	1	REMOVAL OF R3-1 PART OF ITEM				
257R	NOT USED								
258R	R3-1		1	1					
259R	R10-6 MOD		1	1	REMOVAL OF R10-65L PART OF ITEM				
260R	NOT USED								
261R	R10-65R		1	1	REMOVAL OF R10-6 PART OF ITEM				
262R	NOT USED								
263R	R8-55		1	1	REMOVAL OF 2 HOUR PLAQUE INCLUDED				
264R	R8-55		1	1	REMOVAL OF 2 HOURS PLAQUE INCLUDED				
265R	D4-56R		1	1					
266R	NONE	CRASH INVESTIGATION SITE 75S	1	1					
267R	W3-8		1		SIGNAL POLE				

Addendum No. 01
ID 1228-22-70
Revised Sheet 734
March 7, 2023

ADDENDUM #1 SHEET: 6 OF 12

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – REMOVAL SIGNING	SHEET: 734	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030501_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030501_MQ.pdf PLOT SCALE : 1:1

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
268R	W4-2R		1	1					
269R	R1-1		1	1					
270R	W11-2		1	1					
271R	W3-3		1		SIGNAL POLE				
272R	W11-2		1	1					
273R	R5-1		1	1	REMOVE R3-3 PART OF ITEM				
274R	R1-2		1	1					
275R	R1-2		1	1					
276R	W4-2L		1	1	SHEET 13				
277R	R5-1A		1	1	SHEET 18				
278R	R5-57		1		LIGHT POLE				
279R TO 300R	NOT USED								
301R	W8-5		1	2	REMOVAL OF R8-7 INCLUDED				
302R	W8-5		1	1					
303R	W1-2		1	1					
304R	W1-2		1	1					
305R	W1-8		1		LIGHT POLE				
306R	D10-5		1		LIGHT POLE			1	1
307R	W1-8		1	1					
308R	NOT USED								
309R	M1-94	BROWN ST	1	2					
310R	M1-94	BROWN ST	1	2					
311R	W5-52L		1		ON COLUMN OF BRIDGE				
312R	D10-5		1		LIGHT POLE			1	1
313R	NOT USED								
314R	W1-8		1	1					
315R	D10-5		1		LIGHT POLE			1	1
316R	W1-8		1		LIGHT POLE				

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PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – REMOVAL SIGNING	SHEET: 735	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030501_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030501_MQ.pdf PLOT SCALE : 1:1

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Revised Sheet 735
March 7, 2023

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
317R	W1-8		1	1					
318R	J4-1		1		LIGHT POLE				
319R	E5-1A		1	2					
320R	W1-8		1		LIGHT POLE				
321R	E1-1A					1	2		
322R	W1-8		1		LIGHT POLE				
323R	D10-5		1		LIGHT POLE			1	1
324R	D4-52	CIS EXIT 74				1	2		
325R	W1-8		1	1					
326R	W12-2	14' 2" HEIGHT	1	1					
327R	W1-8		1	1					
328R	W1-8		1		ON BRIDGE COLUMN				
329R	E8-1				ON S-40-705	1			
330R	D10-5		1		LIGHT POLE			1	1
331R	W4-1R		1	2					
332R	D10-5		1		LIGHT POLE			1	1
333R	E6-1				ON S-40-508	1			
334R	M1-94	NORTH AVE 2300 NORTH	1		ON BRIDGE OVERHEAD				
335R	W1-8		1	1					
336R	W1-8		1	1					
337R	E8-1				ON S-40-224	1			
338R	W8-5		1	1	INCLUDES W13-1 PLAQUE				
339R	W8-5		1		ON S-40-224 UPRIGHT				
340R	NOT USED								
341R	W13-1		1		ON S-40-224 UPRIGHT				
342R	W1-13L		1		ON UPRIGHT OF S-40-424				
343R	W1-13L		1		ON UPRIGHT OF S-40-424				
344R	W13-1		1		ON UPRIGHT OF S-40-424				

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TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
345R	W13-1		1		ON UPRIGHT OF S-40-424				
346R	J4-1		1		LIGHT POLE				
347R	M1-94	WRIGHT ST	1	2					
348R	E5-1A		1	2					
349R	W1-2		1	2					
350R	E8-1				ON S-40-224 BUTTERFLY	1			
351R	E6-1					1	3		
352R	W1-8		1	1					
353R	W1-8		1	1					
354R	W1-8		1	1					
355R	W1-8		1	1					
356R	M1-94	NORTH AVE 2300 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				
357R	R2-1	SPEED LIMIT 50	1		LIGHT POLE				
358R	D12-2		1	2					
359R	E4-1A					1	2		
360R	M1-94	CENTER ST 2700 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				
361R	M1-94	CENTER ST 2700 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				
362R	W3-5		1	2					
363R	W3-5		1		LIGHT POLE				
364R	D12-2		1	2					
365R	R2-1	SPEED LIMIT 50	1	1					
366R	R2-1	SPEED LIMIT 50	1		LIGHT POLE				
367R	E4-1A					1	2		
368R	M1-94	WRIGHT ST	1	2					
369R	W1-2		1		LIGHT POLE				
370R	W13-1		1		LIGHT POLE				
371R	E5-1A		1	2					
372R	NOT USED								

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March 7, 2023

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
373R	E1-1A					1	2		
374R	M1-94	LOCUST ST 2900 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				
375R	E1-1A					1	2		
376R	M1-94	LOCUST ST 2900 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				
377R	NONE	43 SOUTH 94 EAST AHEAD 94 WEST				1	3		
378R	E8-1	794 EAST RIGHT 2 MILES			ON S-40-225 BUTTERFLY	1			
379R	D4-52	CIS EXIT 73B				1	2		
380R	d10-2		1	1					
381R	R2-1	SPEED LIMIT 55	1		LIGHT POLE				
382R	E8-1				MOUNTED ON S-40-226 BUTTERFLY SIGN STRUCTURE	1			
383R	M1-94	BURLEIGH ST 3100 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				
384R	R2-1	SPEED LIMIT 55	1		LIGHT POLE				
385R	E4-1A					1	2		
386R	M1-94	BURLEIGH ST, 3100 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				
387R	E5-1A		1	2					
388R	D10-2		1	1					
389R	E4-1A				MOUNTED ON S-40-818	1			
390R	E5-1A		1	2					
391R	E8-1				MOUNTED ON S-40-251 BUTTERLFY	1			
392R	E1-1A					1	2		
393R	M1-94	KEEFE AVE, 3500 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				

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ID 1228-22-70
Revised Sheet 738
March 7, 2023

ADDENDUM #1

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – REMOVAL SIGNING	SHEET: 738	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030501_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030501_MQ.pdf PLOT SCALE : 1:1

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
394R	M1-94	ATKINSON AVE	1		MOUNTED OVERHEAD ON BRIDGE				
395R	NONE	UNIV OF WISCONSIN MILW				1	2		
396R	W12-2		1	1					
397R	J4-1		1	1					
398R	E8-1				MOUNTED ON S-40-227 BUTTERFLY	1			
399R	E1-1A					1	2		
400R	M1-94	ATKINSON AVE	1	2					
401R	M1-94	KEEFE AVE, 3500 NORTH	1		MOUNTED OVERHEAD ON BRIDGE				
402R	R2-1	SPEED LIMIT 55	1	1					
403R	M1-94	DR MARTIN LUTHER KING JR DR	1	2					
404R	R2-1	SPEED LIMIT 55	1		LIGHT POLE				
405R	W13-2		1		MOUNTED ON UPRIGHT OF S-40-361				
406R	E6-1				MOUNTED ON SIGN STRUCTURE S-40-361	1			
407R	E6-51				MOUNTED ON SIGN STRUCTURE S-40-361	1			
408R	E4-1A					1	2		
409R	M1-94	DR MARTIN LUTHER KING JR DR	1		MOUNTED OVERHEAD ON BRIDGE				
410R	E6-51				MOUNTED ON SIGN STRUCTURE S-40-348	1			
411R	E5-1A		1	1					
412R	E5-1A		1	2					
413R	NOT USED								
414R	J3-2		1	2	INCLUDES REMOVAL OF D10-2				
415R	NOT USED								
416R	E6-1				MOUNTED ON S-40-809	1			
417R	W13-2		1		MOUNTED ON UPRIGHT OF S-40-809				
418R			1	3		1	2		
419R	NOT USED								
420R	NOT USED								
421R	NOT USED								

Addendum No. 01
ID 1228-22-70
Added Sheet 738A
March 7, 2023

ADDENDUM #1 SHEET: 11 OF 12

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – REMOVAL SIGNING	SHEET: 738A	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030501_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030501_MQ.pdf PLOT SCALE : 1:1

TYPE I & II PERMANENT SIGNING REMOVALS **1228-22-70**

SIGN NO.	SIGN CODE	SIGN MESSAGE	638.2602 REM SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION	638.2601 REM SIGNS TYPE I [EA]	638.3100 REM STR STEEL SIGN SUP [EA]	638.2102 MOVING SIGNS TYPE II [EA]	634.0885 POSTS TUBULAR STEEL 2X2X8.5 FT [EA]
422R	NOT USED								
423R	NOT USED								
424R	NOT USED								
425R	I2-3A	CITY OF MILWAUKEE	1	2					
426R	D4-52	CIS , EXIT 75				1	2		
427R	D10-2		1		MOUNTED ON COLUMN OF 426R				
428R	NOT USED								
429R	NOT USED								
430R	NOT USED								
431R	NOT USED								
432R	NOT USED								
UNDISTRIBUTED			2	2		1	2		
TOTALS			255	145 *	--	30	36	5	5

* ADDITIONAL QTYS SHOWN ELSEWHERE

Addendum No. 01
ID 1228-22-70
Added Sheet 738B
March 7, 2023

ADDENDUM #1 SHEET: 12 OF 12

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – REMOVAL SIGNING	SHEET: 738B	E

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W x H [FT.] x [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
101	E6-51	HIGHLAND AVE, 11TH ST, 1/2 MILE												MOUNT ON S-40-3064 , I BEAMS INCIDENTAL	17 X 8	136.00						
		EXIT ONLY												YELLOW PORTION	17 X 3		51.00					
101A	E1-5P	EXIT 72E											101		10 X 2.5	25.00						
102	E6-51	145, FOND DU LAC AVE												MOUNT ON S-40-3064, I BEAMS INCIDENTAL	20 X 12	240.00						
		MCKINLEY AV																				
		1/4 MILE																				
102A	E1-5P	EXIT 73A											102		10 X 2.5	25.00						
103	NOT USED																					
104	E8-1	145 MCKINLEY AVE 1/2												MOUNT ON S-40-3065, I BEAMS INCIDENTAL, SHEET 2	22 X 7.5	165.00						
		HIGHLAND AVE 3/4																				
		94 794 1 1/4																				
105	E8-1 MOD	DOWNTOWN EXITS												MOUNT ON S-40-3066, I BEAMS INCIDENTAL , SHEET 3	25 X 10	250.00						
		MCKINLEY AVE 1/2																				
		HIGHLAND AVE - 11TH ST 1																				
		794 PLANKINTON AVE 1 1/2																				
106	E8-1	LOCUST ST 1/2												MOUNT ON S-40-3066, I BEAMS INCIDENTAL , SHEET 3	20 X 7.5	150.00						
		KEEFE AVE 1 1/4																				
		190 CAPITOL DR 1 3/4																				
107	NOT USED																					
108	NOT USED																					
109	E6-1	LOCUST ST												MOUNT ON S-40-3068, I BEAMS INCIDENTAL, SHEET 4	14 X 3.5	49.00						
		EXIT ONLY												YELLOW PORTION	14 X 3.5		49.00					
109A	E1-5P	EXIT 74											109		9 X 2.5	22.50						
110	E8-1	NORTH AVE 1/4												MOUNT ON S-40-3069, I BEAMS INCIDENTAL, SHEET 5	25 X 7.5	187.50						
		145 MCKINLEY AVE 1 1/4																				
		HIGHLAND AVE - 11TH ST 1 1/2																				
111	E8-1	KEEFE AVE 1/4												MOUNT ON S-40-3070, I BEAMS INCIDENTAL , SHEET 6	19 X 7.5	142.50						
		190 CAPITOL DR 1																				
		HAMPTON AVE 2																				
112	E6-51	KEEFE AVE, ATKINSON AVE												MOUNT ON S-40-3071, I BEAMS INCIDENTAL, SHEET 6	17 X 6	102.00						
		EXIT ONLY												YELLOW PORTION	17 X 3		51.00					
112A	E1-5P	EXIT 75											112		9 X 2.5	22.50						
113	E6-1	LOCUST ST												MOUNT ON S-40-3072, I BEAMS INCIDENTAL , SHEET 6	14 X 3.5	49.00						
		EXIT ONLY												YELLOW PORTION	14 X 3.5		49.00					
113A	E1-5P	EXIT 74											113		9 X 2.5	22.50						
114	E6-1	KEEFE AVE, ATKINSON AVE												MOUNT ON S-40-3075, I BEAMS INCIDENTAL, SHEET 7	17 X 6	102.00						
		EXIT ONLY												YELLOW PORTION	17 X 3.5		59.50					
114A	E1-5P	EXIT 75											114		9 X 2.5	22.50						
115	E6-51	LOCUST ST												MOUNT ON S-40-3073, I BEAMS INCIDENTAL, SHEET 7	14 X 3.5	49.00						
		EXIT ONLY												YELLOW PORTION	14 X 3		42.00					
115A	E1-5P	EXIT 74											115		9 X 2.5	22.50						

Addendum No. 01
ID 1228-22-70
Revised Sheet 739
March 7, 2023

ADDENDUM #1

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W x H [FT.] x [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
116	E8-1	LOCUST S 1/4												MOUNT ON S-40-3074, I BEAMS INCIDENTAL, SHEET 7	23 X 7.5	172.50						
		NORTH AVE 1																				
		145 MCKINLEY 1 3/4																				
117	W9-62	THIS LANE ENDS												MOUNT ON S-40-3076, I BEAMS INCIDENTAL , SHEET 8	6 X 7.5		45.00					
118	E8-1	190 CAPITOL DR 1/4												MOUNT ON S-40-3077, I BEAMS INCIDENTAL , SHEET 9	22 X 7.5	165.00						
		HAMPTON AVE 1 1/4																				
		SILVER SPRIGN DR 2																				
119	E6-51	57 190												MOUNT ON S-40-3078, I BEAMS INCIDENTAL, SHEET 9	18 X 9.5	171.00						
		GREEN BAY AVE												YELLOW PORTION	18 X 3		54.00					
		CAPITOL DR																				
		EXIT ONLY																				
119A	E1-5P	EXIT 76 A-B											119		13 X 2.5	32.50						
120	E6-51	57 190 WEST												MOUNT ON S-40-3079 , I BEAMS INCIDENTAL , SHEET 9	18 X 11.5	207.00						
		GREEN BAY AVE												YELLOW PORTION	18 X 3		54.00					
		CAPITOL DR																				
		SECOND RIGHT																				
		EXIT ONLY																				
120A	E1-5P	EXIT 76B											120		10 X 2.5	25.00						
121	E6-1	190 EAST												MOUNT ON S-40-3079, I BEAMS INCIDENTAL, SHEET 9	16 X 7	112.00						
		CAPITOL DR																				
		ARROW RIGHT																				
121A	E1-5P	EXIT 76A											121		10 X 2.5	25.00						
122	E6-1	KEEFE AVE												MOUNT ON S-40-3080, I BEAMS INCIDENTAL, SHEET 9	17 X 6	102.00						
		ATKINSON AVE												YELLOW PORTION	17 X 3.5		59.50					
		EXIT ONLY																				
122A	E1-5P	EXIT 75											122		9 X 2.5	22.50						
123	E1-51	57 190												MOUNT ON S-40-3081, I BEAMS INCIDENTAL, SHEET 10	18 X 9.5	171.00						
		GREEN BAY AVE												YELLOW PORTION	18 X 3.5		63.00					
		CAPITOL DR																				
		EXIT ONLY																				
123A	E1-5P	EXIT 76B											123		10 X 2.5	25.00						
124	E8-1	ATKINSON AVE 1/4												MOUNT ON S-40-3082, I BEAMS INCIDENTAL, SHEET 10	19 X 7.5	142.50						
		LOCUST ST 1																				
		NORTH AVE 1 3/4																				
125	E6-1	KEEFE AVE												MOUNT ON S-40-3083, I BEAMS INCIDENTAL, SHEET 10	17 X 6	102.00						
		ATKINSON AVE												YELLOW PORTION	17 X 3		51.00					
		EXIT ONLY																				
125A	E1-5P	EXIT 75											125		9 X 2.5	22.50						
126	E6-1	LOCUST ST , 1/2 MILE												MOUNT ON S-40-3067, I BEAMS INCIDENTAL, SHEET 3	14 X 5.5	77.00						
		EXIT ONLY												YELLOW PORTION	14 X 3		42.00					
126A	E1-5P	EXIT 74											126		9 X 2.5	22.50						
127	E6-1	NORTH AVE												MOUNT ON S-40-3105, I BEAMS INCIDENTAL, SHEET 4	14 X 3.5	49.00						
		EXIT ONLY												YELLOW PORTION	14 X 3.5		49.00					
127A	E1-5P	EXIT 73B											127		10 X 2.5	25.00						
128	E6-51	NORTH AVE												MOUNT ON S-40-3104, I BEAMS INCIDENTAL , SHEET 5	14 X 3.5	49.00						
		EXIT ONLY												YELLOW PORTION	14 X 3		42.00					
128A	E1-5P	EXIT 73B											128		10 X 2.5	25.00						
129 - 200	NOT USED																					

Addendum No. 01
ID 1228-22-70
Revised Sheet 740
March 7, 2023

ADDENDUM #1 SHEET: 2 OF 14

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET: 740	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030502_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030502_MQ.pdf PLOT SCALE : 1:1

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.] x H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
201	W8-5(5)		48 X 48			16.000				2												
201A	W13-1(5)	45 MPH	36 X 36			9.000							201									
202	W8-5(5)		48 X 48			16.000								MOUNT ON LIGHT POLE								
202A	W13-1(5)	45 MPH	36 X 36			9.000							202									
203	W1-2(5)		48 X 48			16.000				2												
203A	W13-1(5)	50 MPH	36 X 36			9.000							203									
204	W1-2(5)		48 X 48			16.000				2				BETWEEN BARRIER WALL								
204A	W13-1(5)	50 MPH	36 X 36			9.000							204									
205	R3-33(5)		78 X 36	19.500						2												
206	W1-8(5)		36 X 48			12.000					1			. 4 FOOT MOUNTING HEIGHT								
207	D10-5 (5)	MILE 73/6	21 X 60	8.750										MOUNT ON LIGHT POLE								
208	W1-8(5)		36 X 48			12.000						1		MOUNT ON TOP OF WALL SEE DETAIL. 4 FOOT MOUNTING HEIGHT								
209	M1-94	BROWN ST	72 X 21	10.500						2												
210	M1-94	BROWN ST	72 X 21	10.500						2												
211	D10-5 (5)	MILE 73/6	21 X 60	8.750										MOUNT ON LIGHT POLE								
212	R8-7(5)		48 X 36	12.000										MOUNT ON LIGHT POLE								
213	W1-8(5)		36 X 48			12.000								MOUNT ON LIGHT POLE. 4 FOOT MOUNTING HEIGHT								
214	NOT USED																					
215	W1-8(5)		36 X 48			12.000								MOUNT ON LIGHT POLE. 4 FOOT MOUNTING HEIGHT								
216	W1-8(5)		36 X 48			12.000						1		MOUNT ON TOP OF WALL SEE DETAIL. 4 FOOT MOUNTING HEIGHT								
217	E5-1A(5)		90 X 60	37.500						2												
217A	W5-54(2S)		18 X 18			2.250							217									
217B	W5-54(2S)		18 X 18			2.250							217									
218	J4-1(5)		36 X 54	13.500										MOUNT ON LIGHT POLE								
	MB3-1		36 X 18																			
	M1-1	IH 43	36 X 36																			
219	D10-5(5)	MILE 73/8	21 X 60	8.750										MOUNT ON LIGHT POLE								
220	D10-5(5)	MILE 73/8	21 X 60	8.750										MOUNT ON LIGHT POLE								
221	W1-8(5)		36 X 48			12.000								MOUNT ON LIGHT POLE								
222	NONE	JEANETTA SIMPSON - ROBINSON					1	3		3												
223	E1-1A	MEMORIAL HIGHWAY LOCUST ST 1 MILE													16 X 7	112.00			8.50	302	2.00	1200
223A	E1-5P	EXIT 74											223		9 X 2.5	22.50						
224	W12-2(5)	14' 2" CLEARANCE	48 X 48			16.000		2		2												
225	W12-2(5)	14' 2" CLEARANCE	48 X 48			16.000								MOUNT ON LIGHT POLE								
226	D4-52(5)	CIS EXIT 74													13 X 10.5	136.50			9	302	2.00	1200
227	W1-8(5)		36 X 48			12.000				1												
228	M1-94	HALYARD ST	84 X 21	12.250						2												
229	M1-94	HALYARD ST	84 X 21	12.250										LIGHT POLE								
230	W1-8(5)		36 X 48			12.000								MOUNT ON COLUMN OF BRIDGE. 4 FOOT MOUNTING HEIGHT								

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ID 1228-22-70
Revised Sheet 741
March 7, 2023

ADDENDUM #1 SHEET: 3 OF 14

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET: 741	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030502_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030502_MQ.pdf PLOT SCALE : 1:1

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.]	x	H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
231	W1-8(5)		36	X	48			12.000				1				4 FOOT MOUNTING HEIGHT											
232	W4-1(5)		48	X	48			16.000				2															
233	NONE	FISERV FORUM																				1	6.50	142	1.60	600
234	NOT USED																										
235	M1-94	NORTH AVE 2300 NORTH	78	X	30	16.250										MOUNT ON BRIDGE SEE DETAIL INCIDENTAL											
236	M1-94	NORTH AVE 2300 NORTH	78	X	30	16.250										MOUNT ON BRIDGE SEE DETAIL INCIDENTAL											
237	D10-5(5)	MILE 74/0	21	X	60	8.750								1		TOP OF WALL. SEE DETAIL											
238	D10-5(5)	MILE 74/0	21	X	60	8.750								1		TOP OF WALL. SEE DETAIL											
239	W1-8(5)		36	X	48			12.000								MOUNT ON BRIDGE COLUMN SB- 4 FOOT MOUNTING HEIGHT											
240	W1-8(5)		36	X	48			12.000				1				4 FOOT MOUNTING HEIGHT											
241	W1-8(5)		36	X	48			12.000				1				4 FOOT MOUNTING HEIGHT											
242	W1-8(5)		36	X	48			12.000						1		MOUNT ON TOP OF WALL . SEE DETAIL. 4 FOOT MOUNTING HEIGHT											
243	W1-8(5)		36	X	48			12.000								MOUNT ON TOP OF WALL . SEE DETAIL. 4 FOOT MOUNTING HEIGHT											
244	W1-8(5)		36	X	48			12.000								ON UPRIGHT OF BUTTERFLY SIGN STRUCTURE. 4 FOOT HEIGHT											
245	W4-3(5)		48	X	48			16.000				2															
246	W4-3R(2S)		36	X	36			9.000			1																
247	J4-1(5)		36	X	54	13.500										MOUNT ON LIGHT POLE											
	MB3-1		36	X	18																						
	M1-1	IH 43	36	X	36																						
248	M1-94	WRIGHT ST	72	X	21	10.500						2															
249	M1-94	WRIGHT ST	72	X	21	10.500						2															
250	D10-5(5)	MILE 74/2	21	X	60	8.750										MOUNT ON LIGHT POLE											
251	D10-5(5)	MILE 74/2	21	X	60	8.750										MOUNT ON LIGHT POLE											
252	E5-1A(5)	EXIT 73B	90	X	60	37.500						2															
252A	W5-54(2S)		18	X	18			2.250							252												
252B	W5-54(2S)		18	X	18			2.250							252												
253	W1-2R(5)		48	X	48			16.000				2															
253A	W13-1(5)		36	X	36			9.000							253												
254	W1-13R(5)		48	X	48			16.000								MOUNT ON UPRIGHT OF SIGN STRUCTURE											
254A	W13-1(5)	45 MPH	36	X	36			9.000							254												
255	W1-13R(5)		48	X	48			16.000								MOUNT ON UPRIGHT OF SIGN STRUCTURE											
255A	W13-1(5)	45 MPH	36	X	36			9.000							255												
256	W8-5(5)		48	X	48			16.000				2															
256A	W13-1(5)	45 MPH	36	X	36			9.000							256												
257	W8-5(5)		48	X	48			16.000								MOUNT ON UPRIGHT OF BUTTERFLY IN MEDIAN											
257A	W13-1(5)	45 MPH	36	X	36			9.000							257												
258	W1-8(5)		36	X	48			12.000								LIGHT POLE											
259	W1-2R(5)		48	X	48			16.000								LIGHT POLE											
259A	W13-1(5)		36	X	36			9.000							259												
260	R2-1(5)	SPEED LIMIT 55	48	X	60	20.000										LIGHT POLE											

ADDENDUM #1

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET: 742	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030502_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030502_MQ.pdf PLOT SCALE : 1:1

Addendum No. 01
ID 1228-22-70
Revised Sheet 742
March 7, 2023

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.] x H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
261	R3-33R(5)		78	X	36	19.500						2												
262	D12-2(5)		78	X	48	26.000						2												
263	M1-94	CENTER ST, 2700 NORTH	72	X	30	15.000										MOUNT OVERHEAD ON BRIDGE. MOUNTING BRACKET INCIDENTAL								
264	M1-94	CENTER ST, 2700 NORTH	72	X	30	15.000										MOUNT OVERHEAD ON BRIDGE. MOUNTING BRACKET INCIDENTAL								
265	R3-33R(5)		78	X	36	19.500						2												
266	NONE	AMERICA'S BLACK HOLOCAUST MUSEUM EXIT 73B							1	3		3												
267	D10-5(5)	MILE 74/4	21	X	60	8.750										LIGHT POLE								
268	D10-5(5)	MILE 74/4	21	X	60	8..75										LIGHT POLE								
269	R2-1(5)	SPEED LIMIT 50	48	X	60	20.000						2												
270	R2-1(5)	SPEED LIMIT 50	48	X	60	20.000										LIGHT POLE								
271	W 13-2(5)	40 MPH	48	X	60			20.000								MOUNT ON UPRIGHT OF S-40-3105								
272	W3-5(5)	50 MPH	48	X	48			16.000				2												
273	W3-5(5)	50 MPH	48	X	48			16.000								LIGHT POLE								
274	J4-1(5)		36	X	54	13,5										LIGHT POLE								
	MB3-3		36	X	18																			
	M1-1	IH 43	36	X	36																			
275	D10-5(5)	MILE 74/6	21	X	60	8.750										LIGHT POLE								
276	D10-5(5)	MILE 74/6	21	X	60	8.750										LIGHT POLE								
277	E5-1A(5)	EIXT 74	72	X	60	30.000						2												
277A	W5-54(2S)		18	X	18			2.250							277									
277B	W5-54(2S)		18	X	18			2.250							277									
278	JVF-1(5)		24	X	69	11.500						1												
	MB4-1		24	X	12																			
	MB3-1		24	X	12																			
	M1-1	IH 43	24	X	24																			
	MB6-2		21	X	21																			
279	W4-3R(5)		48	X	48			16.000				2												
280	E1-1A	KEEFE AVE ATKINSON AVE 1/2 MILE															21	X 9.5	199.50			10.00	360	2.40	1600
280A	E1-5P	EXIT 75													280		9	X 2.5	22.50						
281	M1-94	LOCUST ST 2900 NORTH	72	X	30	15.000										MOUNT OVERHEAD ON BRIDGE. MOUNTING BRACKET INCIDENTAL								
282	M1-94	LOCOST ST 2900 NORTH	72	X	30	15.000										MOUNT OVERHEAD ON BRIDGE. MOUNTING BRACKET INCIDENTAL								
283	D10-5(5)	MILE 74/8	21	X	60	8.750										LIGHT POLE								
284	D10-5(5)	MILE 74/8	21	X	60	8.750										LIGHT POLE								
285	E1-1A	NORTH AVE, 1/2 MILE															16	X 7	112.00			8.50	302	2.00	1200
285A	E1-5P	EXIT 73B													285		10	X 2.5	25.00						
286	NONE	43 SOUTH, 94 EAST AHEAD 94 WEST, 794 EAST														3 POSTS	29	X 13	377.00			10.00	540	3.60	2400
		RIGHT 2 MILES																							
286A	E1-5P	EXIT 72 B AND D													286		14	X 2.5	35.00						
287	W4-3R(2S)		36	X	36			9.000			1													
288	D4-52	CRASH INVESTIGATION SITE EXIT 73B															13	X 10.5	136.50			8.50	302	2.00	1200
289	W4-3R(5)		48	X	48			16.000				2												
290	D10-5(5)	MILE 75/0	21	X	60	8.750										LIGHT POLE								

Addendum No. 01
ID 1228-22-70
Revised Sheet 743
March 7, 2023

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.] x H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
291	D10-5(5)	MILE 75/0	21	X	60	8.750										LIGHT POLE								
292	W4-3R(2S)		36	X	36			9.000			1													
293	M1-94	BURLEIGHT ST, 3100 NORTH	84	X	30	17.500						2												
294	M1-94	BURLEIGHT ST, 3100 NORTH	84	X	30	17.500						2												
295	R3-33R(5)		78	X	36	19.500						2												
296	R2-1(5)	SPEED LIMIT 55	48	X	60	20.000										LIGHT POLE NB								
297	D10-5(5)	MILE 75/2	21	X	60	8.750								1		TOP OF WALL								
298	D10-5(5)	MILE 75/2	21	X	60	8.750									297									
299	R2-1(5)	SPEED LIMIT 55	48	X	60	20.000										LIGHT POLE SB								
300	E5-1A(5)	EXIT 74	72	X	60	30.000						2												
300A	W5-54(2S)		18	X	18			2.250							300									
300B	W5-54(2S)		18	X	18			2.250							300									
301	J4-1(5)		36	X	54	13.500										LIGHT POLE								
	MB3-1		36	X	18																			
	M1-1	IH 43	36	X	36																			
302	J4-1(5)		36	X	54	13.500										LIGHT POLE								
	MB3-3		36	X	18																			
	M1-1	IH 43	36	X	36																			
303	R3-33R(5)		78	X	36	19.500						2												
304	D10-5(5)	MILE 75/4	21	X	60	8.750										LIGHT POLE								
305	D10-5(5)	MILE 75/4	21	X	60	8.750										LIGHT POLE								
306	W4-3R(5)		48	X	48			16.000				2												
307	E5-1A(5)	EXIT 75	72	X	60	30.000						2												
307A	W5-54(2S)		18	X	18			2.250							307									
307B	W5-54(2S)		18	X	18			2.250							307									
308	W4-3R(2S)		36	X	36			9.000			1													
309	E1-1A	57 190 CAPITOL DR GREEN BAY AVE 1/2 MILE															23	X 13.5	310.50			10.00	540	3.60	2400
309A	E1-5P	EXIT 76 A-B													309		13	X 2.5	32.50						
310	M1-94	ATKINSON AVE	96	X	21	14.000						2												
311	M1-94	ATKINSON AVE	96	X	21	14.000						2												
312	NONE	UNIVERSITY OF WISCONSIN MILWAUKEE EXIT 76A														REUSE EXISTING LOGO - MOVE TO NEW SIGN	14	X 7.5			1	8.00	220	2.00	1100
313	W 12-2(5)	14' 5"	48	X	48			16.000				2												
313A	NONE	CAPITOL DR	36	X	24			6.000							313									
314	J4-1(5)		36	X	54	13.500										LIGHT POLE								
	MB3-3		36	X	18																			
	M1-1	IH 43	36	X	36																			
315	W4-3R(5)		48	X	48			16.000				2												
316	W4-3R(2S)		36	X	36			9.000			1													
317	NONE	JEANNETTA SIMPSON - ROBINSON MEMORIAL HIGHWAY							1	3		3												
318	E1-1A	LOCUST ST 1/2 MILE															16	X 7	112.00			8.50	302	2.00	1200
318A	E1-5P	EXIT 74													318		9	X 2.5	22.50						
319	M1-94	KEEFE AVE, 3500 NORTH	78	X	30	16.250										MOUNT OVERHEAD ON BRIDGE. MOUNTING BRACKET INCIDENTAL									
320	R2-1(5)	SPEED LIMIT 55	48	X	60	20.000										LIGHT POLE SB								

ADDENDUM #1

Addendum No. 01
ID 1228-22-70
Revised Sheet 744
March 7, 2023

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.]	x	H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
321	M1-94	KEEFE AVE , 3500 NORTH	78	X	30	16.250										MOUNT OVERHEAD ON BRIDGE. MOUNTING BRACKET INCIDENTAL										
322	D10-5(5)	MILE 75/6	21	X	60	8.750										LIGHT POLE										
323	D10-5(5)	MILE 75/6	21	X	60	8.750										LIGHT POLE										
324	W4-3R(2S)		36	X	36			9.000			1															
325	W12-2(5)	14' 5"	48	X	48			16.000								MOUNT ON UPRIGHT OF SIGN STRUCTURE										
325A	NONE	CAPITOL DR	36	X	24			6.000							325											
326	W4-3R(5)		48	X	48			16.000				2														
327	R2-1(5)	SPEED LIMIT 55	48	X	60	20.000										LIGHT POLE										
328	M1-94	DR MARTIN LUTHER KING JR DR	126	X	36	31.500						2														
329	W13-2D(5)	EXIT 25 MPH	48	X	90			30.000								MOUNT ON UPRIGHT OF POLE										
330	M1-94	DR MARTIN LUTHER KING JR DR	126	X	36	31.500										MOUNT OVERHEAD ON BRIDGE. MOUNTING BRACKET INCIDENTAL										
331	E5-1A MODIFIED	EXIT 75A	30	X	60	12.500							1			MOUNT ON TOP OF WALL. SEE MOUNTING DETAIL INCIDENTAL										
332	D10-5(5)	MILE 75/8	21	X	60	8.750										LIGHT POLE										
333	D10-5(5)	MILE 75/8	21	X	60	8.750										LIGHT POLE										
334	R3-33R(5)		78	X	36	19.500						2														
335	E5-1A(5)	EXIT 76A	90	X	60	37.500						2														
335A	W5-54(2S)		18	X	18			2.250							335											
335B	W5-54(2S)		18	X	18			2.250							335											
336	J3-2(5)		72	X	138	69.000						2														
	MB4-1		36	X	18																					
	MB3-1		36	X	18																					
	M1-1	IH 43	36	X	36																					
	MB6-1		30	X	30																					
	M4-1		36	X	18																					
	M3-1		36	X	18																					
	M1-4	USH 41	36	X	36																					
	M1-4	USH 45	36	X	36																					
	M6-1		30	X	30																					
337	NOT USED																									
338	NOT USED																									
339	NOT USED																									
340	W13-2D(5)	EXIT 30 ARROW	48	X	90			30.000								MOUNT ON UPRIGHT OF STRUCTURE										
341	NOT USED																									
342	NOT USED																									
342A	NOT USED																									
342B	NOT USED																									
343	W4-3R(2S)		36	X	36			9.000			1															
344	W4-3R(5)		48	X	48			16.000				2														
345	R2-1(5)	SPEED LIMIT 55							1			2														
346	I2-3A(5)	CITY OF MILWAUKEE							1			2														
347	R3-33R(5)		78	X	36	19.500						2														
348	D4-52	CRASH INVESTIGATION SITE EXIT 75															13	X	10.5	136.50			8.50	302	2.00	1200
349	D10-5(5)	MILE 76/0	21	X	60	8.750										LIGHT POLE										
350	D10-5(5)	MILE 76/0	21	X	60	8.750										LIGHT POLE										

ADDENDUM #1

Addendum No. 01
ID 1228-22-70
Revised Sheet 745
March 7, 2023

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.] x H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
351	NOT USED	SPEED LIMIT 55																				
352	NOT USED	SPEED LIMIT 55																				
353	J4-1(5)		36 X 54	13.500										LIGHT POLE								
	MB3-1		36 X 18																			
	M1-1	IH 43	36 X 36																			
354	W4-3R(5)		48 X 48			16.000				2												
355	W4-3R(2S)		36 X 36			9.000			1													
356	E1-1A	145													25 X 13.5	337.50			10.00	540	3.60	2400
		MCKINLEY AVE																				
		FOND DU LAC AVE																				
		1/2 MILE																				
356A	E1-5P	EXT 73A											356		10 X 2.5	25.00						
357-399	NOT USED																					
400	R7-1R(2S)		18 X 24	3.000										MOUNT ON FENCE. BRACKET INCIDENTAL								
401	R7-1L(2S)		18 X 24	3.000										MOUNT ON FENCE. BRACKET INCIDENTAL								
402	R7-1R(2S)		18 X 24	3.000										MOUNT ON FENCE. BRACKET INCIDENTAL								
403	R7-1L(2S)		18 X 24	3.000										MOUNT ON FENCE. BRACKET INCIDENTAL								
404	W3-3(2S)		36 X 36			9.000			1													
405	W3-3(2S)		36 X 36			9.000			1													
406	D1-1(2S)	NORTH AVE AHEAD ARROW	72 X 15	7.500					2													
407	R5-1A(3)		42 X 30	8.750					1													
408	R5-1A(3)		42 X 30	8.750					1													
409	R3-8AF(2S)		30 X 36	7.500									407									
410	R3-8AF(2S)		30 X 36	7.500									408									
411	D1-1(2S)	NORTH AVE AHEAD ARROW	72 X 15	7.500					2													
412	R5-1(3)		36 X 36	9.000					1													
413	R5-1A(2S)		36 X 24	6.000									412	3 FOOT MOUNTING HEIGHT								
414	R5-1(3)		36 X 36	9.000										SIGNAL POLE								
415	R5-1A(2S)		36 X 24	6.000									414	3 FOOT MOUNTING HEIGHT								
416	R1-2(2S)		36 X 31	3.880					1													
417	R3-11L(2S)		48 X 78	26.000						2												
418	W3-8(2S)		48 X 48			16.000								ON SIGNAL POLE								
419	J3-1(2S)		24 X 57	9.500					1													
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-2		21 X 21																			
420	R10-6 MODIFIED		24 X 36	6.000										ON SIGNAL POLE								

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Addendum No. 01
ID 1228-22-70
Revised Sheet 746
March 7, 2023

ADDENDUM #1

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET: 746	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030502_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030502_MQ.pdf PLOT SCALE : 1:1

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W x H [FT.] x [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
421	R10-65L(2S)		24 X 30	5.000										ON SIGNAL POLE								
422	R10-6		24 X 36	6.000										ON SIGNAL POLE								
423	R10-65R(2S)		24 X 30	5.000										ON SIGNAL POLE								
424	R10-65C(2S)		24 X 30	5.000										ON SIGNAL POLE								
425	R10-6 MODIFIED		24 X 36	6.000										ON SIGNAL POLE								
426	W4-2L(2S)		36 X 36			9.000			1													
427	W9-1R(2S)		36 X 36			9.000			1													
428	R5-1A(3)		42 X 30	8.750										UPRIGHT OF SIGN STRUCTURE								
429	R3-7L(2S)		30 X 30	6.250					1													
430	J3-1(2S)		24 X 57	9.500										LIGHT POLE								
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-2		21 X 21																			
431	R7-1D(2S)		18 X 24	3.000										LIGHT POLE								
432	W3-8(2S)		48 X 48			16.000								SIGNAL POLE								
433	J3-1(2S)		24 X 57	9.500					1													
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-2		21 X 21																			
434	R3-11R(2S)		48 X 78	26.000						2												
435	R5-57(5)		36 X 36	9.000					1													
436	R10-6 MODIFIED		24 X 36	6.000					1													
437	W4-2L(2S)		36 X 36			9.000								ON UPRIGHT OF SIGN SIGNAL STRUCTURE s-40-701								
438	R10-6(2S)		24 X 36	6.000										SIGNAL POLE								
439	R10-65R(2S)		24 X 30	5.000										SIGNAL POLE								
440	R10-65L(2S)		24 X 30	5.000										MOUNT OVERHEAD ON S-40-701 I BEAMS INCIDENTAL								
441	R10-65C(2S)		24 X 30	5.000										MOUNT OVERHEAD ON S-40-701 I BEAMS INCIDENTAL								
442	R7-1D(2S)		18 X 24	3.000							1											
443	R7-1D(2S)		18 X 24	3.000							1											
444	R7-1D(2S)		18 X 24	3.000							1											
445	R7-1D(2S)		18 X 24	3.000							1											
446	NONE	CIS SITE 73S	36 X 30	7.500					1													
447	D4-56L(2S)		36 X 36	9.000					1													
448	R8-55(2S)		42 X 36	10.500					1													
449	R8-55(2S)		42 X 36	10.500					1													
450	R8-56(2S)		24 X 18	3.000									448									

Addendum No. 01
ID 1228-22-70
Revised Sheet 747
March 7, 2023

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.] x H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
451	R8-56(2S)		24 X 18	3.000									449									
452	R5-1A(3)		42 X 30	8.750					1													
453	J2-1(2S)		24 X 57	9.500					1													
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB5-2R		21 X 21																			
454	R5-1(3)		36 X 36	9.000										LIGHT POLE								
455	R5-1A(2S)		36 X 24	6.000									454									
456	J3-1(2S)		24 X 69	11.500					1													
	MB4-5		24 X 12																			
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-1		21 X 21																			
457	R3-7L(2S)		30 X 30	6.250									456									
458	J3-2(2S)		48 X 69	23.000										MOUNT ON UPRIGHT OF SIGN STRUCTURE								
	MB4-5		24 X 12																			
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-1		21 X 21																			
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB5-2R		21 X 21																			
459	NONE	SITE 74N	36 X 30	7.500					1													
460	R8-55(2S)		42 X 36	10.500										LIGHT POLE								
461	R8-55(2S)		42 X 36	10.500					1													
462	R8-56(2S)		24 X 18	3.000									460									
463	R8-56(2S)		24 X 18	3.000									461									
464	R7-1D(2S)		18 X 24	3.000										LIGHT POLE								
465	J3-2(2S)		48 X 69	23.000										LIGHT POLE								
	MB4-5		24 X 12																			
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-1		21 X 21																			
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-1		21 X 21																			
466	D4-56R(2S)		36 X 36	9.000					1													
467	R5-1A(3)		42 X 30	8.750					1													
468	J3-1(2S)		24 X 69	11.500					1													
	MB4-1		24 X 12																			
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-1		21 X 21																			
469	R3-7R(2S)		30 X 30	6.250					1													
470	R5-1A(3)		42 X 30	8.750										MOUNT ON UPRIGHT OF SIGN STRUCTURE								
471	R3-7R(2S)		30 X 30	6.250										MOUNT ON UPRIGHT OF SIGN STRUCTURE								
472	R5-1A(3)		42 X 30	8.750										MOUNT ON UPRIGHT OF SIGN STRUCTURE								
473	R3-11R(2S)		48 X 78	26.000						2												
474	W3-8(2S)		48 X 48			16.000								SIGNAL POLE								
475	R3-8LF(2S)		30 X 36	7.500					1													
476	R3-8LF(2S)		30 X 36	7.500					1													
477	D1-60	8TH ST AHEAD ARROW LOCUST ST EAST WEST	78 X 36	19.500					2													
478	R7-1D(2S)		18 X 24	3.000							1											
479	R5-1(3)		36 X 36	9.000										SIGNAL POLE								
480	R5-1A(2S)		36 X 24	6.000									479									

Addendum No. 01
ID 1228-22-70
Revised Sheet 748
March 7, 2023

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.] x H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
481	R5-5(T5)		36 X 36	9.000					1													
482	W3-8(2S)		48 X 48			16.000								SIGNAL POLE								
483	R10-6(2S)		24 X 36	6.000										SIGNAL POLE								
484	R10-65R(2S)		24 X 30	5.000										SIGNAL POLE								
485	R10-65L(2S)		24 X 30	5.000										SIGNAL POLE								
486	R10-6 MODIFIED		24 X 36	6.000										SIGNAL POLE								
487	D1-60	LOCUST ST WEST EAST	78 X 24	13.000					2													
488	R7-1D(2S)		18 X 24	3.000							1											
489	R3-1(2S)		24 X 24	4.000									488									
490	R6-2L(2S)		24 X 30	5.000					1													
491	R6-2R(2S)		24 X 30	5.000									490									
492	J3-1(2S)		24 X 57	9.500					1													
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-1		21 X 21																			
493	NOT USED		-- X --																			
494	NOT USED		-- X --																			
495	R7-1D(2S)		18 X 24	3.000							1											
496	J2-1(2S)		24 X 57	9.500										LIGHT POLE								
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB5-1L		21 X 21																			
497	R7-1D(2S)		18 X 24	3.000							1											
498	R3-1(2S)		24 X 24	4.000							1											
499	R6-2L(2S)		24 X 30	5.000									498									
500	R5-1(2S)		30 X 30	6.250									498									
501	J3-1(2S)		24 X 57	9.500					1													
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-1		21 X 21																			
502	R3-8LL(2S)		30 X 36	7.500									501									
503	R3-2(2S)		24 X 24	4.000							1											
504	R6-2R(2S)		24 X 30	5.000							1											
505	NOT USED		-- X --																			
506	NOT USED		-- X --																			
507	NOT USED		-- X --																			
508	J3-1(2S)		24 X 57	9.500										HIGH ON SIGNAL POLE								
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-1		21 X 21																			
509	J3-1(2S)		24 X 57	9.500					1													
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-2		21 X 21																			
510	R3-11R(2S)		48 X 78	26.000						2												

ADDENDUM #1 SHEET: 11 OF 14

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET: 749	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030502_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030502_MQ.pdf PLOT SCALE : 1:1

Addendum No. 01
ID 1228-22-70
Revised Sheet 749
March 7, 2023

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.] x H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
511	R10-6(2S)		24 X 36	6.000										SIGNAL POLE								
512	R10-65R(2S)		24 X 30	5.000										SIGNAL POLE								
513	W4-2L(2S)		36 X 36			9.000			1													
514	R10-6 MODIFIED		24 X 36	6.000										SIGNAL POLE								
515	R10-65L(2S)		24 X 30	5.000										SIGNAL POLE								
516	R7-1D(2S)		18 X 24	3.000							1											
517	R7-1D(2S)		18 X 24	3.000							1											
518	R3-2(2S)		24 X 24	4.000										LIGHT POLE								
519	R3-7L(2S)		30 X 30	6.250										LIGHT POLE								
520	W5-52L(2S)		12 X 36			3.000							519									
521	R6-2R(2S)		24 X 30	5.000										SIGNAL POLE								
522	R6-2L(2S)		24 X 30	5.000										SIGNAL POLE								
523	R6-2R(2S)		24 X 30	5.000										SIGNAL POLE								
524	NOT USED																					
525	R3-2(2S)		24 X 24	4.000										LIGHT POLE								
526	R6-2L(2S)		24 X 30	5.000									523									
527	R3-1(2S)		24 X 24	4.000							1											
528	R7-1D(2S)		18 X 24	3.000									527									
529	W5-52L(2S)		12 X 36			3.000								SIGNAL POLE								
530	R3-3(2S)		24 X 24	4.000					1													
531	R5-1(3)		36 X 36	9.000									530									
532	R5-1A(3)		42 X 30	8.750					1													
533	R7-1D(2S)		18 X 24	3.000							1											
534	R10-6(MOD)		24 X 36	6.000										SIGNAL POLE								
535	R10-65L(2S)		24 X 30	5.000										SIGNAL POLE								
536	R10-65R(2S)		24 X 30	5.000										SIGNAL POLE								
537	R10-6(2S)		24 X 36	6.000										SIGNAL POLE								
538	W3-8(2S)		48 X 48			16.000								SIGNAL POLE								
539	J3-1(2S)		24 X 57	9.500										LIGHT POLE								
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-2		21 X 21																			
540	R5-1A(3)		42 X 30	8.750					1													

ADDENDUM #1 SHEET: 12 OF 14

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET: 750	E

FILE NAME : N:\SPO\Operations\Signing\Miscellaneous Quantities\1228-22-70\030502_MQ.pptx PLOT DATE : 2/23/2023 PLOT BY : DOTTAH PLOT NAME : 030502_MQ.pdf PLOT SCALE : 1:1

Addendum No. 01
ID 1228-22-70
Revised Sheet 750
March 7, 2023

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W x H [FT.] x [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
541	R5-1A(3)		42 X 30	8.750					1													
542	J3-1(2S)		24 X 57	9.500										LIGHT POLE								
	MB3-3		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-2		21 X 21																			
543	R7-1D(2S)		18 X 24	3.000					1													
544	W3-3(2S)		36 X 36			9.000							543									
545	W3-3(2S)		36 X 36			9.000			1													
546	R3-7R(2S)		30 X 30	6.250					1													
547	R1-2(2S)		36 X 31	3.875							1											
548	R5-1(3)		36 X 36	9.000										LIGHT POLE								
549	R5-1A(2S)		36 X 24	6.000									548									
550	R5-1(3)		36 X 36	9.000					1													
551	R5-1A(2S)		36 X 24	6.000									550									
552	R7-1D(2S)		18 X 24	3.000							1											
553	J3-1(2S)		24 X 57	9.500					1													
	MB3-1		24 X 12																			
	M1-1	IH 43	24 X 24																			
	MB6-2		21 X 21																			
554	R3-7R(2S)		30 X 30	6.250										SIGNAL POLE								
555	W3-8(2S)		48 X 48			16.000								SIGNAL POLE								
556	R10-65L(2S)		24 X 30	5.000										SIGNAL POLE								
557	R10-6 MODIFIED		24 X 36	6.000										SIGNAL POLE								
558	R5-57(5)		36 X 36	9.000					1													
559	R10-65R(2S)		24 X 30	5.000										SIGNAL POLE								
560	R10-6(2S)		24 X 36	6.000										SIGNAL POLE								
561	W3-1(2S)		36 X 36			9.000					1											
562	W3-1(2S)		36 X 36			9.000					1											
563	R5-1A(3)		42 X 30	8.750							1											
564	R7-1D(2S)		18 X 24	3.000							1											
565	R5-1C(3)		36 X 36	9.000										LIGHT POLE								
566	R1-1(3)		36 X 36	7.460									565									
567	R1-1(3)		36 X 36	7.460							1											
568	R5-1(3)		36 X 36	9.000					1													
569	R5-1A92S)		36 X 24	6.000									568									
570	R5-1(3)		36 X 36	9.000					1													

Addendum No. 01
ID 1228-22-70
Revised Sheet 751
March 7, 2023

ADDENDUM #1 SHEET: 13 OF 14

TYPE I & II PERMANENT SIGNING 1228-22-70

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	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 II RELFECTIVE F [SF]	638.2102 MOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	634.0885 POSTS TUBULAR STEEL 2 X 2 INCH X 8.5 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	TYPE I SIGN SIZE W [FT.] x H [FT.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.1230 SIGNS TYPE I REFLECTIVE F (SF)	638.2101 MOVING SIGNS TYPE I [EA]	531.2024 DRILLING SHAFT 24 INCH LF (EST)	531.1140 (EST) STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS- LBS	531.1100 (EST) CONCRETE MASONRY ANCILLIARY STRUCTURES TYPE NS - CY	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS EST LBS
571	R3-1(2S)		24 X 24	4.000									570								
572	R3-2(2S)		24 X 24	4.000							1										
573	R1-1(2S)		30 X 30	5.180					1												
574	W4-2R(2S)		36 X 36			9.000					1										
575	R10-65R(2S)		24 X 30	5.000										SIGNAL POLE							
576	R10-6(2S)		24 X 36	6.000										SIGNAL POLE							
577	D4-56R(2S)		36 X 36	9.000					1												
578	R8-55(2S)		42 X 36	10.500					1												
579	R8-55(2S)		42 X 36	10.500					1												
580	R8-56(2S)		24 X 18	3.000									578								
581	R8-56(2S)		24 X 18	3.000									579								
582	W3-8(2S)		48 X 48			16.000								SIGNAL POLE							
583	R10-65L(2S)		24 X 30	5.000										SIGNAL POLE							
584	R10-6 MODIFIED		24 X 36	6.000										SIGNAL POLE							
585	NONE	CIS SITE 75S	36 X 30	7.500					1												
586	W11-2(2S)		30 X 30			6.250			1												
586A	W16-9P(2S)		24 X 12			2.000							586								
587	W3-3(2S)		36 X 36			9.000								SIGNAL POLE							
588	W11-2(2S)		30 X 30			6.250			1												
588A	W16-7R(2S)		24 X 12			2.000							588								
589	R3-3(2S)		24 X 24	4.000					1												
590	R5-1(2S)		30 X 30	6.250									589								
591	R1-2(2S)		36 X 31	3.875					1												
592	R1-2(2S)		36 X 31	3.875					1												
593	R5-67(5)		36 X 36	9.000										LIGHT POLE							
594	D10-5	MILE 76/2						1				1		SHEET 10							
595	D10-5	MILE 76/2						1				1		SHEET 10							
UNDISTRBUTED											5	6						2			
TOTALS				2398.855	0.000	1115.500	5	13 *	72	112	31 *	14	-	-		5684.500	761.000	4	106	4154	29	17700

*ADDITIONAL QTYS SHOWN ELSEWHERE

Addendum No. 01
ID 1228-22-70
Revised Sheet 752
March 7, 2023

LIGHTING AND MISCELLANEOUS - FINAL

CATEGORY	STAGE	DESCRIPTION	LOCATION	652.0700.S* INSTALL CONDUIT INTO EXISTING ITEM EACH	654.0105* CONCRETE BASES TYPE 5 EACH	~~654.0115 CONCRETE BASES TYPE F EACH~~	655.061* ELECTRICAL WIRE LIGHTING 12 AWG LF	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322* POLES TYPE 5-ALUMINUM EACH	657.0381 POLES TYPE F EACH	657.0610 LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT EACH	657.0620 LUMINAIRE ARMS SINGLE MEMBER 6-INCH CLAMP 4-FT EACH	659.1120* LUMINAIRE UTILITY LED B EACH	659.1130 LUMINAIRE UTILITY LED D EACH	REMARKS
1100		EGA1/FGA1	797+54, 0.9'LT	--	--	--	390	--	--	--	--	--	--	2	REPLACE LUMINAIRE ONLY
		EGA2/FGA2	800+51, 0.0'LT	--	--	--	390	--	--	--	--	--	--	2	REPLACE LUMINAIRE ONLY
		EGA3/FGA3	803+90, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EGA4/FGA4	806+07, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		EGA5/FGA5	808+66, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EGA6/FGA6	811+26, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EGA7/FGA7	813+84, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EGA8/FGA8	816+44, 4.3'RT	--	--	--	390	--	--	1	--	2	--	2	
		EGA9/FGA9	818+32, 1.8'RT	--	--	--	390	--	--	1	--	2	--	2	
		EGA10/FGA10	820+61, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EGA11/FGA11	822+58, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EGA12/FGA12	825+14, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EGA13/FGA13	827+51, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		EGA14/FGA14	829+77, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EGA15/FGA15	831+67, 0.0'LT (1)	--	--	--	390	--	--	1	--	2	--	2	
		EX-LPB-GA-01	808+96, 249.0'LT	1	--	--	--	--	--	--	--	--	--	--	
		EX-LPB-GA-02	812+60, 229.8'LT	1	--	--	--	--	--	--	--	--	--	--	
		EX-LPB-GA-06	812+36, 176.7'RT	1	--	--	--	--	--	--	--	--	--	--	
		AGA1	816+67, 195.8'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		BGA1	814+72, 188.5'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		AGA2	813+03, 181.8'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		BGA2	811+27, 167.4'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		AGA3	809+68, 138.7'LT	--	1	--	135	1	1	--	1	--	1	--	
		BGA3	808+05, 116.2'LT	--	1	--	135	1	1	--	1	--	1	--	
		AGA4	806+39, 100.1'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		AGA5	815+41, 225.5'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		BGA5	813+73, 183.8'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		AGA6	811+99, 177.0'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		BGA6	810+14, 167.2'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		AGA7	808+28, 143.4'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		BGA7	806+43, 112.7'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		CGA1	830+80, 89.8'RT	--	1	--	135	1	1	--	1	--	1	--	
		DGA1	828+33, 134.5'RT	--	1	--	135	1	1	--	1	--	1	--	
		CGA2	826+17, 165.0'RT	--	1	--	135	1	1	--	1	--	1	--	
		DGA2	824+47, 145.2'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		CGA3	823+37, 165.5'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		CGA4	830+67, 134.0'LT	--	1	--	135	1	1	--	1	--	1	--	
		DGA4	828+35, 158.9'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		CGA5	826+22, 152.1'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		DGA5	824+24, 175.8'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY

(1)

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

(CONTINUED ON NEXT SHEET)

Addendum No. 01
ID 1228-22-70
Revised Sheet 764
March 7, 2023

LIGHTING AND MISCELLANEOUS - FINAL (CONTINUED)

CATEGORY	STAGE	DESCRIPTION	LOCATION	652.0700.S* INSTALL CONDUIT INTO EXISTING ITEM EACH	654.0105* CONCRETE BASES TYPE 5 EACH	~~654.0115 CONCRETE BASES TYPE F~~ ~~EACH~~	655.061* ELECTRICAL WIRE LIGHTING 12 AWG LF	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322* POLES TYPE 5-ALUMINUM EACH	657.0381 POLES TYPE F EACH	657.0610 LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT EACH	657.0620 LUMINAIRE ARMS SINGLE MEMBER 6-INCH CLAMP 4-FT EACH	659.1120* LUMINAIRE UTILITY LED B EACH	659.1130 LUMINAIRE UTILITY LED D EACH	REMARKS
1100		ACB1/BCB1	865+05, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB2/BCB2	862+57, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		ACB3/BCB3	860+18, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB4/BCB4	857+65, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB5/BCB5	855+21, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB6/BCB6	852+50, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		ACB7/BCB7	849+81, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB8/BCB8	848+05, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		ACB9/BCB9	844+76, 0.0'LT (1)	--	--	--	390	--	--	1	--	2	--	2	
		ACB10/BCB10	842+21, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB11/BCB11	839+61, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB12/BCB12	837+02, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB13/BCB13	834+59, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB14/BCB14	867+65, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		ACB15/BCB15	870+28, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		ACB16/BCB16	874+23, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB17/BCB17	876+88, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB18/BCB18	879+54, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ACB19/BCB19	882+03, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		CCB1	853+96, 171.3'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		DCB1	852+00, 123.4'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		CCB2	849+64, 150.9'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		DCB2	847+28, 96.2'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		CCB3	850+92, 106.9'LT	--	1	--	135	1	1	--	1	--	1	--	
		DCB3	853+33, 152.9'LT	--	1	--	135	1	1	--	1	--	1	--	
		CCB4	855+45, 143.9'LT	--	1	--	135	1	1	--	1	--	1	--	
		ECB1	868+49, 99.5'LT	--	1	--	135	1	1	--	1	--	1	--	
		FCB1	866+12, 129.8'RT	--	1	--	135	1	1	--	1	--	1	--	
		ECB2	863+91, 173.8'RT	--	1	--	135	1	1	--	1	--	1	--	
		FCB2	861+79, 183.5'RT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		ECB3	869+43, 113.1'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		FCB3	866+93, 134.1'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		ECB4	864+92, 121.0'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		FCB4	863+12, 146.4'LT	--	--	--	135	--	--	--	--	--	1	--	REPLACE LUMINAIRE ONLY
		AKF1/BKF1	895+22, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		AKF2/BKF2	892+64, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		AKF3/BKF3	889+97, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		AKF4/BKF4	887+30, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		AKF5/BKF5	884+67, 0.0'RT	--	--	--	390	--	--	1	--	2	--	2	
		AKF6/BKF6	898+73, 1.4'RT	--	--	--	390	--	--	1	--	2	--	2	

(1)

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

(CONTINUED ON NEXT SHEET)

Addendum No. 01
ID 1228-22-70
Revised Sheet 765
March 7, 2023

LIGHTING AND MISCELLANEOUS - FINAL (CONTINUED)

CATEGORY	STAGE	DESCRIPTION	LOCATION	652.0700.S* INSTALL CONDUIT INTO EXISTING ITEM EACH	654.0105* CONCRETE BASES TYPE 5 EACH	~~654.0115 CONCRETE BASES TYPE F~~ ~~EACH~~	655.061* ELECTRICAL WIRE LIGHTING 12 AWG LF	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322* POLES TYPE 5-ALUMINUM EACH	657.0381 POLES TYPE F EACH	657.0610 LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT EACH	657.0620 LUMINAIRE ARMS SINGLE MEMBER 6-INCH CLAMP 4-FT EACH	659.1120* LUMINAIRE UTILITY LED B EACH	659.1130 LUMINAIRE UTILITY LED D EACH	REMARKS
1100		AKF7/BKF7	902+80, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		AKF8/BKF8	905+50, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		AKF9/BKF9	908+25, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		AKF10/BKF10	910+55, 0.0'LT (1)	--	--	--	390	--	--	1	--	2	--	2	
		AKF11/BKF11	912+45, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		AKF12/BKF12	914+87, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		AKF13/BKF13	917+31, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		EKF1	891+72, 81.5'RT	--	1	--	135	1	1	1	1	--	1	--	
		FKF1	889+03, 115.0'RT	--	1	--	135	1	1	--	1	--	1	--	
		EKF2	887+76, 74.1'LT	--	1	--	135	1	1	--	1	--	1	--	
		FKF2	885+68, 97.9'LT	--	1	--	135	1	1	--	1	--	1	--	
		EKF3	883+18, 90.5'LT	--	1	--	135	1	1	--	1	--	1	--	
		CKF1	904+52, 145.3'RT	--	1	--	135	1	1	--	1	--	1	--	
		DKF1	906+49, 115.8'RT	--	1	--	135	1	1	--	1	--	1	--	
		CKF2	908+98, 90.2'RT	--	1	--	135	1	1	--	1	--	1	--	
		CKF3	903+35, 87.8'LT	--	1	--	135	1	1	--	1	--	1	--	
		DKF3	905+90, 107.9'LT	--	1	--	135	1	1	--	1	--	1	--	
		CKF5	905+96, 127.6'LT	--	--	--	135	--	1	--	1	--	1	--	STRUCTURE MOUNT
		DKF5	907+82, 87.7'LT	--	--	--	135	--	1	--	1	--	1	--	STRUCTURE MOUNT
		CKF7	909+89, 108.4"T	--	1	--	135	1	1	--	1	--	1	--	
		DKF7	911+05, 127.6'LT	--	1	--	135	1	1	--	1	--	1	--	
		CKF8	912+97, 107.4'LT	--	1	--	135	1	1	--	1	--	1	--	
		DKF8	914+70, 101.1'LT	--	1	--	135	1	1	--	1	--	1	--	
		CKF9	908+45, 154.3'LT	--	1	--	135	1	1	--	1	--	1	--	
		DKF9	910+13, 186.7'LT	--	1	--	135	1	1	--	1	--	1	--	
		CKF10	911+86, 206.9'LT	--	1	--	135	1	1	--	1	--	1	--	
		DKF10	913+44, 193.7'LT	--	1	--	135	1	1	--	1	--	1	--	
		EX-LPB-CA-1	924+94, 93.3"RT	1	--	--	--	--	--	--	--	--	--	--	
		EX-LPB-CA-2	926+64, 109.7'RT	1	--	--	--	--	--	--	--	--	--	--	
		EX-LPB-CA-3	925+05, 97.3'RT	1	--	--	--	--	--	--	--	--	--	--	FROM TEMP. LIGHTING
		ECA1	924+65, 263.0'RT	--	1	--	135	1	1	--	1	--	1	--	
		FCA2	923+06, 170.5'RT	--	1	--	135	1	1	--	1	--	1	--	
		ECA3	920+53, 95.8'RT	--	1	--	135	1	1	--	1	--	1	--	
		ECA4/FCA4	924+02, 0.0'LT	--	--	--	390	--	--	1	--	2	--	2	
		ECA5/FCA5	921+31, 0.0'LT (1)	--	--	--	390	--	--	1	--	2	--	2	
			TOTALS	6	33	-- (1)	27,210	33	35	48	35	94	60	98	--

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

Addendum No. 01
ID 1228-22-70
Revised Sheet 766
March 7, 2023

N. 8TH ST. & W. LOCUST ST.

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE NOTED

3

3

ELECTRICAL SERVICE METER BREAKER PEDESTAL
N. 8TH ST. & W. LOCUST ST.

BASE NO.	656.0201.0301 ELECTRICAL SERVICE METER BREAKER PEDESTAL EA
CB1	1
TOTALS	1

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

Addendum No. 01
ID 1228-22-70
Revised Sheet 792
March 7, 2023

CAST BASES, POLES, STANDARDS, MONOTUBE ARMS, LUMINAIRES
N. 8TH ST. & W. LOCUST ST.

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0347 POLES TYPE 9 SPECIAL EACH	657.0350* POLES TYPE 10 EACH	657.0352* POLES TYPE 10-SPECIAL EACH	657.0515 MONOTUBE ARMS 15-FT EACH	657.0535* MONOTUBE ARMS 35-FT EACH	657.0536* MONOTUBE ARMS 35-FT -SPECIAL EACH	657.0540* MONOTUBE ARMS 40-FT EACH	657.0541* MONOTUBE ARMS 40-FT -SPECIAL EACH	SPV.0060.0115* POLE TYPE 30-AL-BD EACH
SB1	--	--	--	--	--	1	--	--	1	--	--	--
SB2	--	--	--	--	--	1	--	--	--	--	1	--
SB3	1	--	1	--	--	--	--	--	--	--	--	--
SB4	--	--	--	--	1	--	1	--	--	--	--	--
SB5	--	--	--	1	--	--	--	--	1	--	--	--
SB6	1	--	1	--	--	--	--	--	--	--	--	--
SB7	--	1	--	--	--	--	--	--	--	--	--	1
SB8	--	1	--	--	--	--	--	--	--	--	--	1
TOTAL:	2	2	2	1	1	2	1	0	2	0	1	2

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

N. 7TH ST. & W. LOCUST ST.

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE NOTED

3

3

ELECTRICAL SERVICE METER BREAKER PEDESTAL
N. 7TH ST. & W. LOCUST ST.

BASE NO.	656.0201.0302 ELECTRICAL SERVICE METER BREAKER PEDESTAL EA
CB1	1
TOTALS	1

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CAST BASES, POLES, STANDARDS, MONOTUBE ARMS, LUMINAIRES
N. 7TH ST. & W. LOCUST ST.

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0350* POLES TYPE 10 EACH	657.0352* POLES TYPE 10-SPECIAL EACH	657.0530* MONOTUBE ARMS 30-FT EACH	657.0535* MONOTUBE ARMS 35-FT EACH	657.0536* MONOTUBE ARMS 35-FT -SPECIAL EACH	SPV.0060.0115* POLE TYPE 30-AL-BD EACH
SB1	--	1	--	--	--	--	--	--	1
SB2	--	--	--	--	1	--	--	1	--
SB3	--	--	--	1	--	1	--	--	--
SB4	1	--	1	--	--	--	--	--	--
SB5	--	--	--	--	--	1	--	--	--
SB6	--	1	--	--	--	--	--	--	1
SB7	--	1	--	--	--	--	--	--	1
TOTAL:	1	3	1	1	1	2	0	1	3

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

Addendum No. 01
ID 1228-22-70
Revised Sheet 799
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET NO: 799	E

FILE NAME : PLOT DATE : 2/28/2023 9:29 AM PLOT BY : PLOT NAME : 030201_mq PLOT SCALE : 1.000000:1.000000 WISDOT / CADDS SHEET 42

N. 8TH ST. & W. BURLEIGH ST.

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE NOTED

3

3

ELECTRICAL SERVICE METER BREAKER PEDESTAL
N. 8TH ST. & W. BURLEIGH ST.

BASE NO.	656.0201.0303 ELECTRICAL SERVICE METER BREAKER PEDESTAL EA
CB1	1
TOTALS	1

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CAST BASES, POLES, STANDARDS, MONOTUBE ARMS, LUMINAIRES
N. 8TH ST. & W. BURLEIGH ST.

SIGNAL BASE NO.	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0350* POLES TYPE 10 EACH	657.0352* POLES TYPE 10-SPECIAL EACH	657.0530* MONOTUBE ARMS 30-FT EACH	657.0535* MONOTUBE ARMS 35-FT EACH	657.0536* MONOTUBE ARMS 35-FT -SPECIAL EACH	657.0540* MONOTUBE ARMS 40-FT EACH	657.0541* MONOTUBE ARMS 40-FT -SPECIAL EACH	SPV.0060.0115* POLE TYPE 30-AL-BD EACH
SB1	1	--	--	--	--	--	--	--	1
SB2	--	--	1	--	--	1	--	--	--
SB3	--	1	--	1	--	--	--	--	--
SB4	1	--	--	--	--	--	--	--	1
SB5	--	--	1	--	--	--	--	1	--
SB6	1	--	--	--	--	--	--	--	1
TOTAL:	3	1	2	1	0	1	0	1	3

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

Addendum No. 01
ID 1228-22-70
Revised Sheet 806
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET NO: 806	E

N. 7TH ST. & W. BURLEIGH ST.

ALL ITEMS ARE CATEGORY 1500 UNLESS OTHERWISE NOTED

3

ELECTRICAL SERVICE METER BREAKER PEDESTAL
N. 7TH ST. & W. BURLEIGH ST.

BASE NO.	656.0201.0304 ELECTRICAL SERVICE METER BREAKER PEDESTAL EA
CB1	1
TOTALS	1

*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CAST BASES, POLES, STANDARDS, MONOTUBE ARMS, LUMINAIRES
N. 7TH ST. & W. BURLEIGH ST.

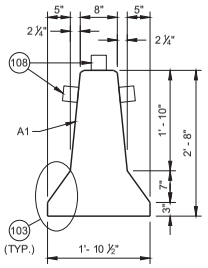
SIGNAL BASE NO.	657.0255* TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0350* POLES TYPE 10 EACH	657.0352* POLES TYPE 10-SPECIAL EACH	657.0530* MONOTUBE ARMS 30-FT EACH	657.0535* MONOTUBE ARMS 35-FT EACH	657.0536* MONOTUBE ARMS 35-FT -SPECIAL EACH	657.0545 MONOTUBE ARMS 45-FT EACH	657.0546 MONOTUBE ARMS 45-FT -SPECIAL EACH	SPV.0060.0115* POLE TYPE 30-AL-BD EACH
SB1	1	--	--	--	--	--	--	--	1
SB2	--	--	1	--	--	1	--	--	--
SB3	--	1	--	1	--	--	--	--	--
SB4	1	--	--	--	--	--	--	--	1
SB5	--	--	1	--	--	--	--	1	--
SB6	1	--	--	--	--	--	--	--	1
TOTAL:	3	1	2	1	0	1	0	1	3

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

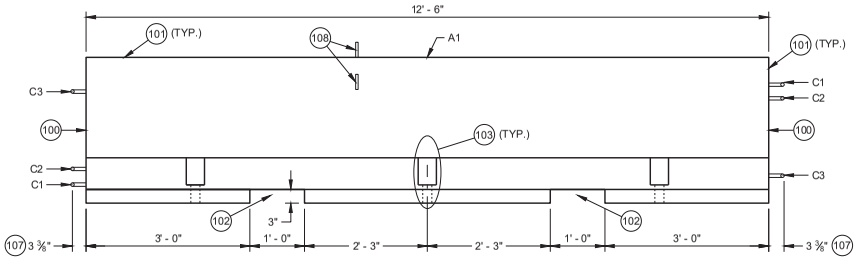
Addendum No. 01
ID 1228-22-70
Revised Sheet 812
March 7, 2023

PROJECT NO: 1228-22-70	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET NO: 812	E

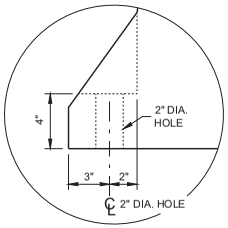
FILE NAME : PLOT DATE : 2/28/2023 9:35 AM PLOT BY : PLOT NAME : 030201_mq PLOT SCALE : 1.000000:1.000000 WISDOT / CADDS SHEET 42



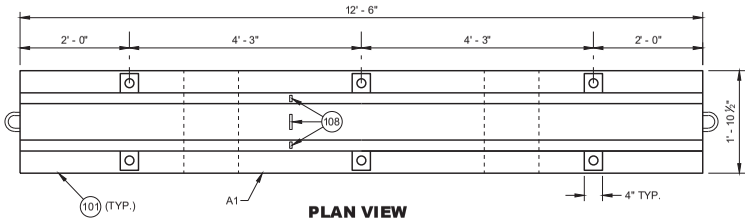
CROSS SECTION



PROFILE VIEW



ANCHOR BLOCK DETAIL



PLAN VIEW

TEMPORARY BARRIER

GENERAL NOTES

PLACE BARRIER ON PAVED SURFACE. BEFORE PLACEMENT OF TEMPORARY BARRIER, REMOVE ALL LOOSE MATERIAL FROM PAVED SURFACE.

LOOP BARS C1, C2 AND C3 ARE NOT FOR PLACEMENT OR MOVEMENT OF BARRIER.

(100) PERMANENTLY FORM INTO ONE END OF BARRIER THE FOLLOWING INFORMATION:
- A. TYPE OF BARRIER: WI-CBTP
- B. MANUFACTURER
- C. DATE OF MANUFACTURE (MONTH AND YEAR)

(101) 1" OPTIONAL CHAMFER

(102) SEE LIFTING SLOT DETAIL

(103) SEE ANCHOR BLOCK DETAIL

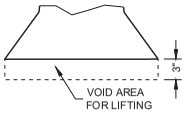
(104) 1 ¾" MIN. CLEAR COVER

(105) 2" MIN. CLEAR COVER

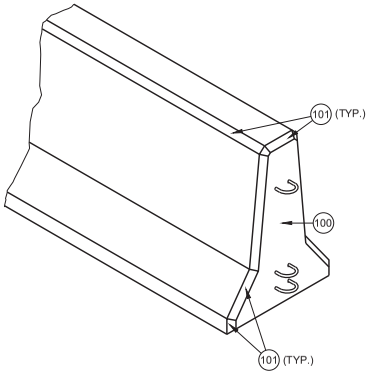
(106) 1" MIN. CLEAR COVER

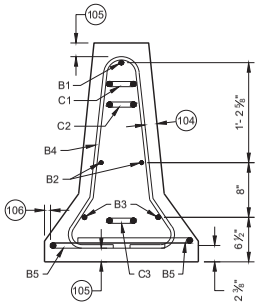
(107) ±½" MEASURED FROM FACE OF CONCRETE BARRIER TO OUTSIDE OF LOOP BAR (TYP.)

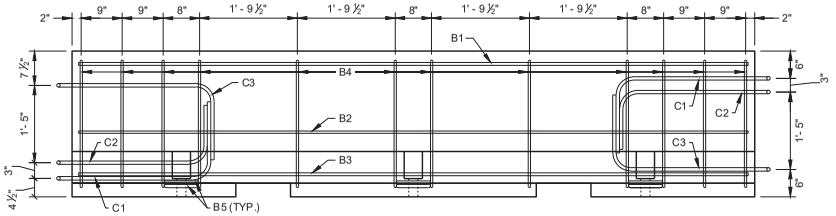
(108) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURERS INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED LEFT OF TRAFFIC AND WHITE WHEN BARRIER IS LOCATED RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART, PROVIDE TO MOUNTED DELINEATORS IN ADDITION TO SIDE MOUNTED DELINEATORS ON BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAT 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.



LIFTING SLOT DETAIL (TYP.)







PROFILE VIEW

TEMPORARY BARRIER REINFORCEMENT

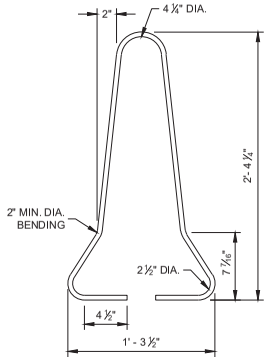
Addendum No. 01
ID 1228-22-70
Revised Sheet 901
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

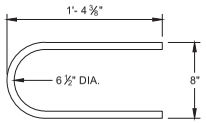
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B07-16a

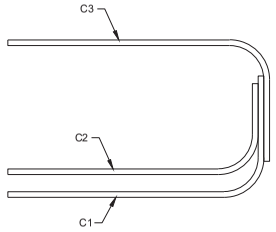
SDD 14B07-16a



B4 BAR DETAIL

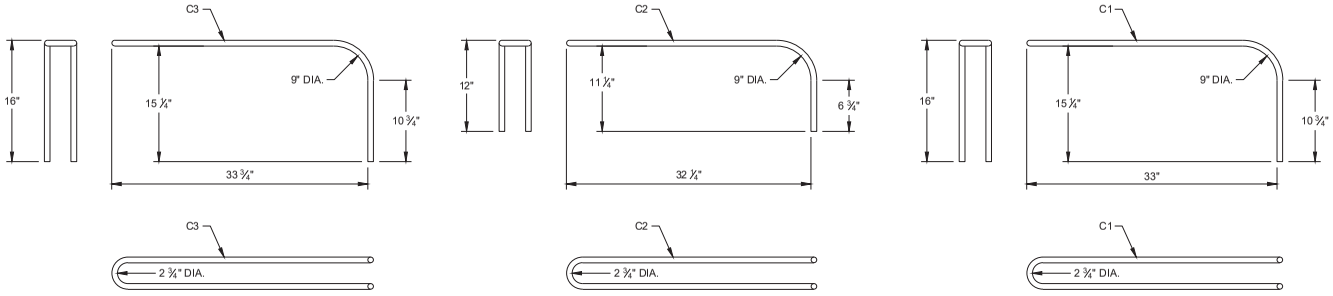


B5 BAR DETAIL



PROFILE VIEW

LOOP BAR ASSEMBLY



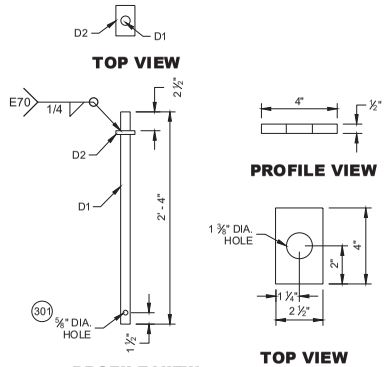
C BAR DETAILS

Addendum No. 01
ID 1228-22-70
Revised Sheet 902
March 7, 2023

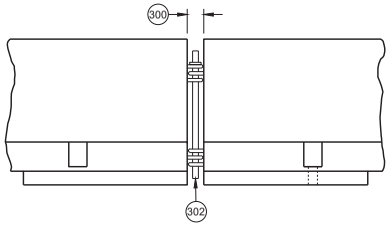
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16b



CONNECTOR PIN ASSEMBLY



CONNECTING TEMPORARY BARRIER SECTIONS

GENERAL NOTES

300 SET WITH 3 ⅝" WOOD BLOCK.

301 HOLE IS OPTIONAL.

302 CONNECTOR PIN ASSEMBLY.

303 CONCRETE PAVEMENT, APPROACH SLAB, OR DECK.

304 CONCRETE DECK.

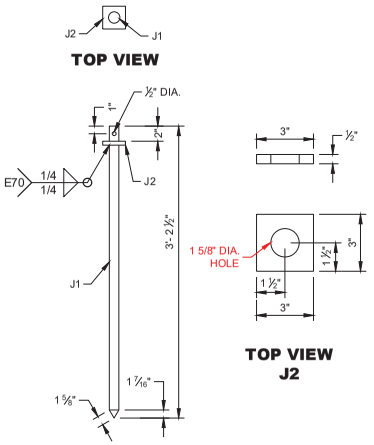
305 DO NOT USE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY OR CONCRETE PAVEMENT WITH ASPHALT OVERLAY.

306 MINIMUM OF 2" OF ASPHALT.

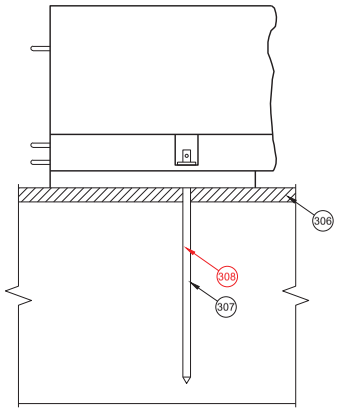
307 ASPHALT ANCHOR PIN ASSEMBLY

308 IF DRILLING A PILOT HOLE, THE MAX. DIA. OF THE HOLE IS 3/4"

309 WHEN THERE IS ASPHALT OVERLAYING CONCRETE PAVEMENT, A 1 5/8" DIA. PILOT HOLE CAN BE DRILLED INTO THE OVERLAY AND CONCRETE. IF NEEDED DRILL A 3/4" PILOT HOLE IN BASE COURSE.

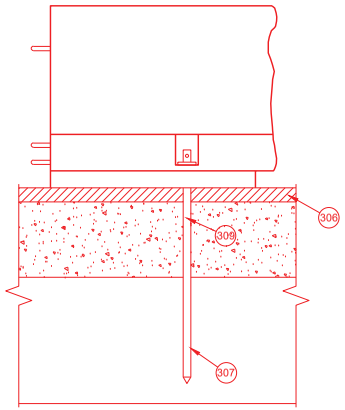


ASPHALT ANCHOR PIN ASSEMBLY



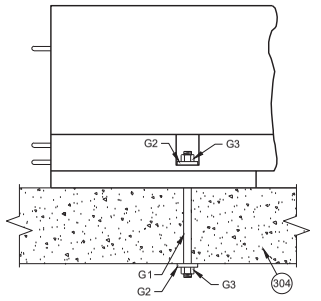
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT PAVEMENT



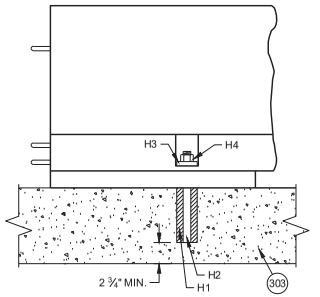
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT OVERLAY ON TOP OF CONCRETE PAVEMENT



SIDE VIEW

THROUGH BOLT ANCHOR INSTALLATION (305)



SIDE VIEW

ADHESIVE ANCHOR INSTALLATION (305)

Addendum No. 01
ID 1228-22-70
Revised Sheet 903
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

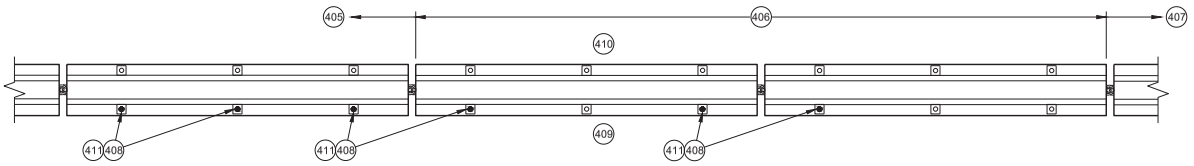
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B07-16c

SDD 14B07-16c

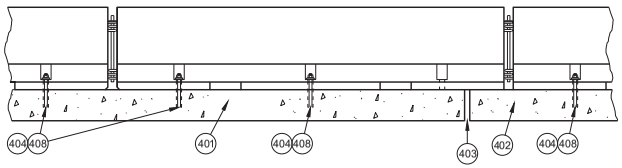
6

6



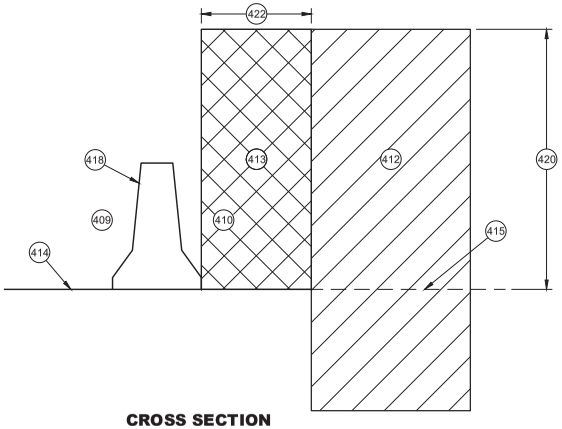
PLAN VIEW

TRANSITION FROM FREE STANDING TO ANCHORED BARRIER



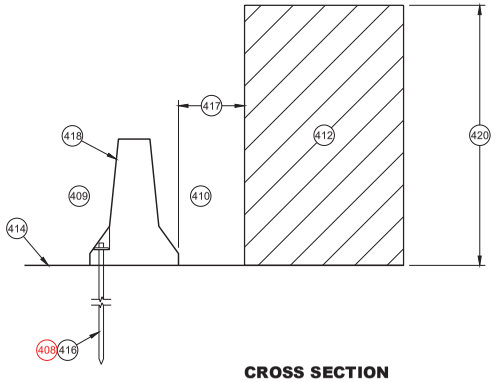
PROFILE VIEW

ANCHORED BARRIER NEAR EXPANSION JOINT 400



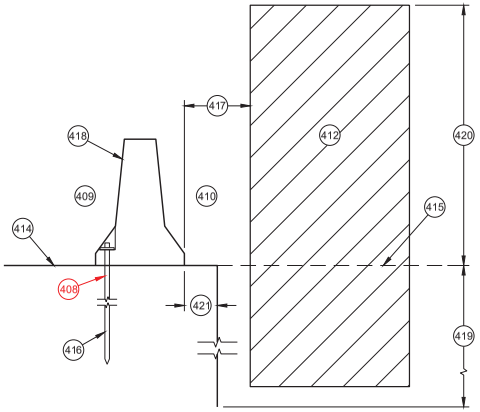
CROSS SECTION

FREE STANDING BARRIER



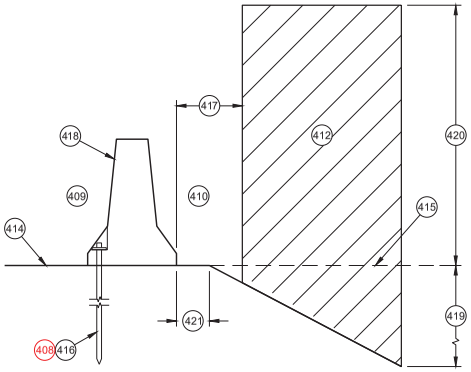
CROSS SECTION

ANCHORED BARRIER FOR OBJECTS ABOVE THE GRADE LINE AND NEAR THE BARRIER



CROSS SECTION

ANCHORED BARRIER NEAR VERTICAL DROP OFF



CROSS SECTION

ANCHORED BARRIER NEAR A SLOPE

GENERAL NOTES

400 NO SINGLE CONCRETE BARRIER SECTION SHALL BE ANCHORED TO BOTH THE BRIDGE DECK AND THE APPROACH SLAB. ALL ANCHOR BOLT LOCATIONS SHALL BE ANCHORED TO THE DECK IN ACCORDANCE WITH THE DETAIL. NO MORE THAN ONE ANCHOR BOLT SHALL BE ELIMINATED FROM A BARRIER SECTION WHEN SPANNING AN EXPANSION JOINT.

401 CONCRETE DECK

402 CONCRETE DECK OR APPROACH SLAB.

403 EXPANSION JOINT

404 ADHESIVE ANCHOR SHOWN. SEE ANCHOR DETAILS.

405 ANCHORED TEMPORARY BARRIER

406 TRANSITION FROM ANCHORED TEMPORARY BARRIER TO FREE STANDING

407 FREE STANDING BARRIER

408 REMOVE ALL ANCHORS WHEN NO LONGER NEEDED. FILL CONCRETE PAVEMENTS, DECKS AND APPROACH SLABS WITH NON-SHRINK COMMERCIAL GROUT FROM THE APPROVED PRODUCT LIST. FILL ASPHALT PAVEMENTS WITH ASTM D6690 TYPE II RUBBERIZED CRACK FILLER.

409 TRAFFIC SIDE

410 NON-TRAFFIC SIDE

411 ANCHOR LOCATION. SEE ANCHORING DETAILS.

412 WORK AREA

413 AREA FREE OF OBJECTS AND WORKERS

414 GRADE LINE

415 EXTENDED GRADE LINE

416 ANCHORED TEMPORARY BARRIER. SEE BOLT THROUGH DECK, REMOVABLE ADHESIVE ANCHOR, OR AN ASPHALT ANCHOR ROD DETAILS FOR MORE INFORMATION. ASPHALT ANCHOR ROD SHOWN.

417 WHEN OBJECTS EXTEND ABOVE THE GRADE. A MINIMUM OF 1 FOOT IS REQUIRED FROM BACK OF BARRIER TO OBJECT.

418 OBJECTS ARE NOT TO BE PLACED ON, MOUNTED TO, OR ALLOWED TO LEAN AGAINST THE BARRIER WITHOUT WRITTEN PERMISSION OF THE PROJECT ENGINEER.

419 DEPTHS OF 3 FEET OR MORE.

420 Y = 6.5'

421 OFFSET FROM BACK OF BARRIER EDGE:

CONCRETE PAVEMENT	0.5'
ASPHALT	0.5'

422 POSTED SPEED (MPH):

45 OR GREATER	4.0'
40 OR LOWER	2.0'

Addendum No. 01
ID 1228-22-70
Revised Sheet 904
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16d

GENERAL NOTES

500 EXISTING RIGID BARRIERS (VARIES)

501 TEMPORARY BARRIER

502 SEE OTHER DETAIL ON HOW TO ANCHOR TEMPORARY BARRIER (BARRIER ASPHALT ANCHOR SHOWN).

503 ANCHORS ARE REQUIRED ON BOTH SIDE OF THE TEMPORARY BARRIER.

504 NESTED RAILS ARE REQUIRED ON BOTH SIDES OF THE TEMPORARY BARRIER FOR ALL INSTALLATIONS.

505 TRAFFIC TRAVELS FROM PERMANENT BARRIER TO TEMPORARY BARRIER.

506 TRAFFIC TRAVELS FROM TEMPORARY BARRIER TO PERMANENT BARRIER.

507 VERTICAL BARRIER

508 SAFETY SHAPE BARRIER

509 SINGLE SLOPE BARRIER

510 CAP END PLATE PLACED FLUSH WITH UPSTREAM END OF RIGID BARRIER.

511 BENT THRIE BEAM TO FIT.

512 THRIE BEAM PIECES ARE OFFSET 15 ¼" TO PREVENT INTERFERENCE FROM THE ANCHORS ON OPPOSING SIDES.

513 TWO (2) P1, P2 AND P3 ARE REQUIRED

514 FIVE (5) N1, N2 AND N3 ARE REQUIRED

515 TWO (2) R1, R2 AND R3 ARE REQUIRED

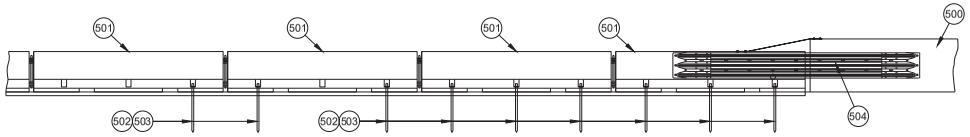
516 CUT WOOD BLOCK TO FIT.

517 SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL ASSEMBLY.

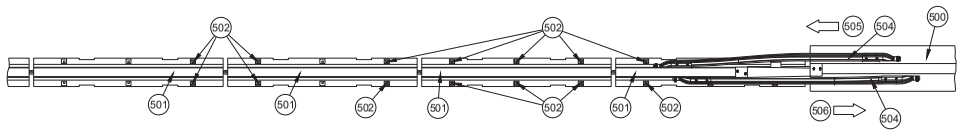
518 CAP ASSEMBLY

519 4" MAX. GAP BETWEEN TEMPORARY BARRIER AND RIGID BARRIER.

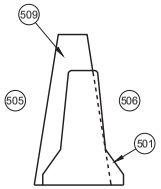
520 ALL TWELVE SPLICE HOLES REQUIRE M1 AND M2



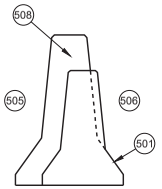
PROFILE VIEW



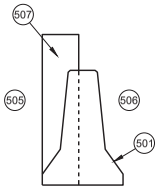
PLAN VIEW
TRANSITION TO RIGID BARRIER



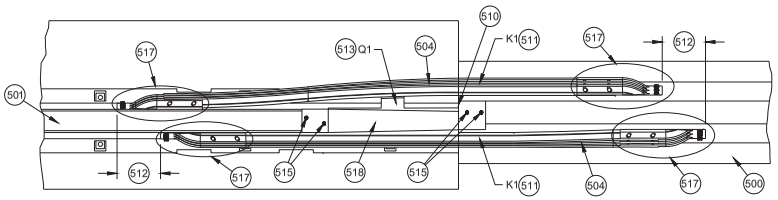
CROSS SECTION
TEMPORARY BARRIER
PLACEMENT SINGLE SLOPE



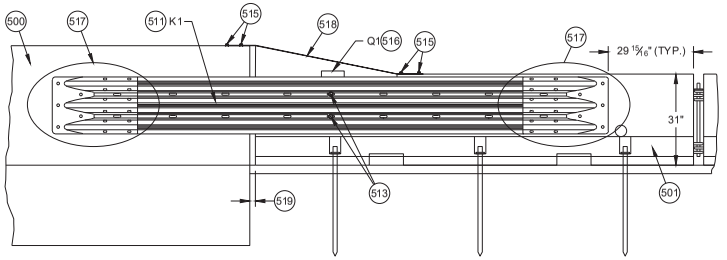
CROSS SECTION
TEMPORARY BARRIER
PLACEMENT SAFETY SHAPE



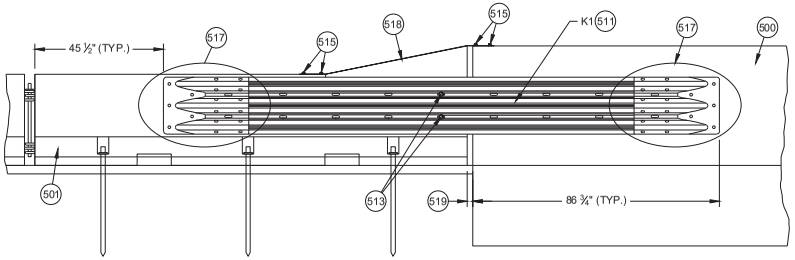
CROSS SECTION
TEMPORARY BARRIER
PLACEMENT VERTICAL



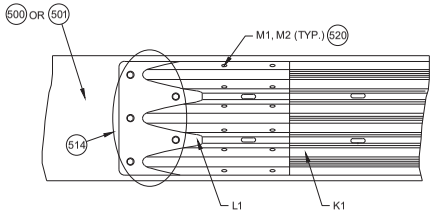
PLAN DETAIL VIEW
TRANSITION TO RIGID BARRIER



BACK DETAIL VIEW
TRANSITION TO RIGID BARRIER



FRONT DETAIL VIEW
TRANSITION TO RIGID BARRIER



517 DETAIL PLAN VIEW
THRIE BEAM RAIL TERMINAL CONNECTOR ASSEMBLY

Addendum No. 01
ID 1228-22-70
Revised Sheet 905
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

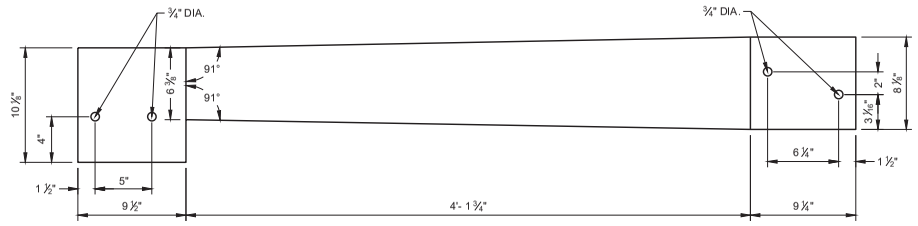
905

6

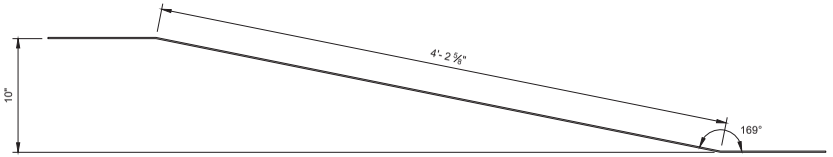
SDD 14B07-16e

6

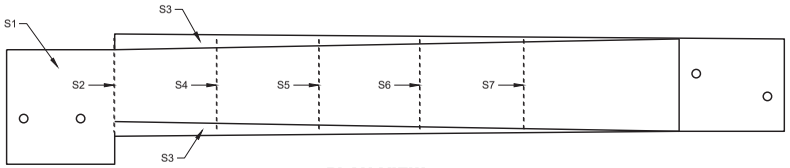
SDD 14B07-16e



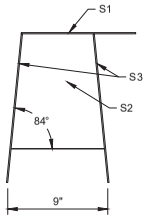
TOP VIEW
S1



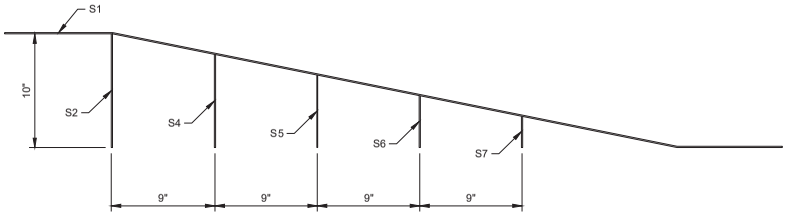
ELEVATION VIEW
S1



PLAN VIEW

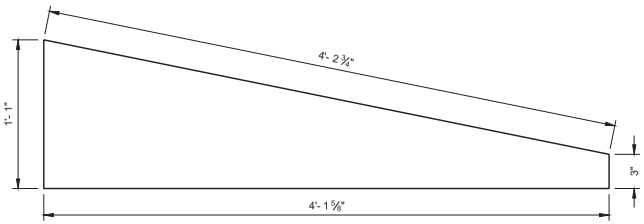


BACK VIEW

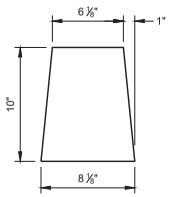


SIDE VIEW (600)

42" TOP CAP ASSEMBLY



SIDE VIEW
S3



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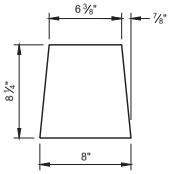

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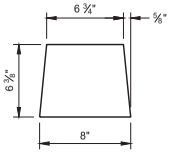

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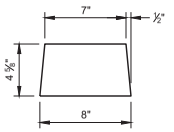

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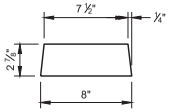


S7

GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THREE SIDES

STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

(600) SIDE PLATES (S3) NOT SHOWN FOR CLARITY.

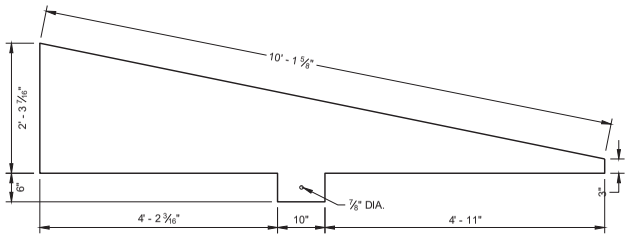
Addendum No. 01
ID 1228-22-70
Revised Sheet 906
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

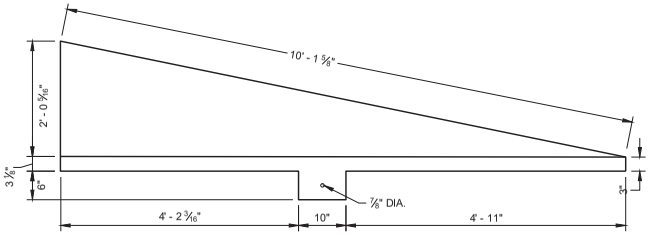
6

SDD 14B07-16f



SIDE VIEW
T4

END VIEW



SIDE VIEW
T3

END VIEW

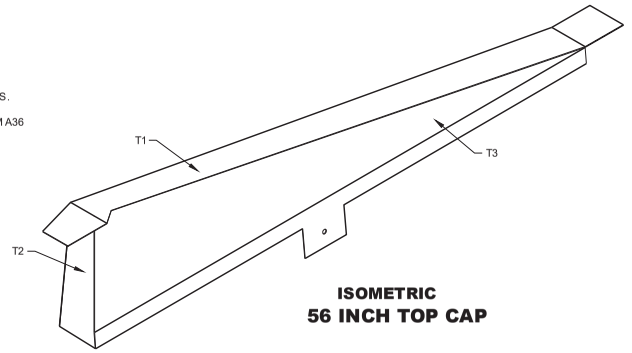
GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THRIE SIDES

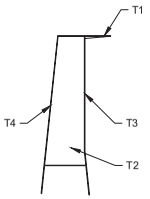
STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.

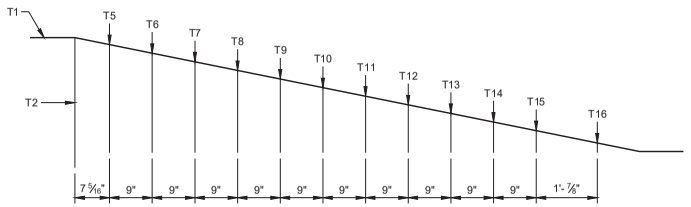
(700) SIDE PLATES (T3 AND T4) NOT SHOWN FOR CLARITY.



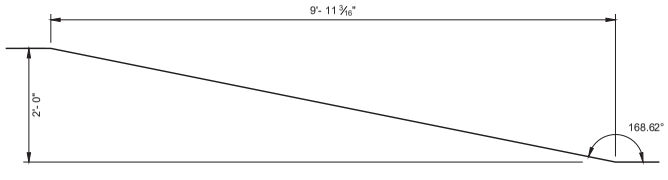
ISOMETRIC
56 INCH TOP CAP



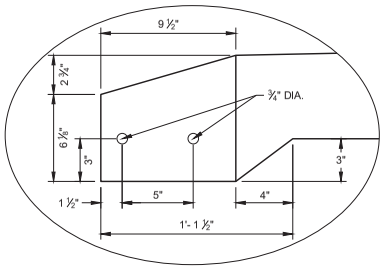
END VIEW
56 INCH TOP CAP



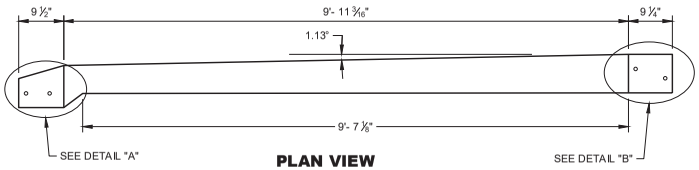
SIDE VIEW
56 INCH TOP CAP (700)



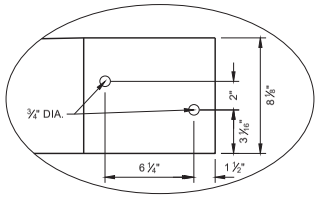
SIDE VIEW
TOP PLATE T1



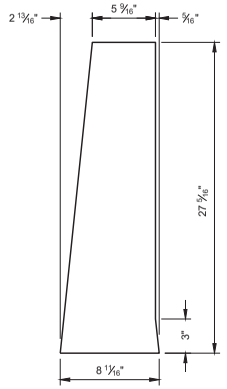
DETAIL "A"



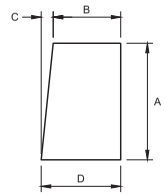
PLAN VIEW
TOP PLATE T1



DETAIL "B"



END PLATE T2



GUSSET PLATES
T5 - T16

GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
T5	22 13/16"	5 1/16"	2 5/16"	8 1/16"
T6	21"	5 7/8"	2 3/16"	8 1/16"
T7	19 3/16"	6 1/16"	1 15/16"	8 1/16"
T8	17 3/8"	6 1/4"	1 13/16"	8 1/16"
T9	15 9/16"	6 7/16"	1 9/16"	8 1/16"
T10	13 3/4"	6 5/8"	1 7/16"	8 1/16"
T11	11 15/16"	6 13/16"	1 1/4"	8 1/16"
T12	10 1/8"	7"	1 1/16"	8 1/16"
T13	8 5/16"	7 3/16"	7/8"	8 1/16"
T14	6 1/2"	7 3/8"	11/16"	8 1/16"
T15	4 11/16"	7 9/16"	1/2"	8"
T16	2 7/8"	7 3/4"	1/4"	8"

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ID 1228-22-70
Revised Sheet 907
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

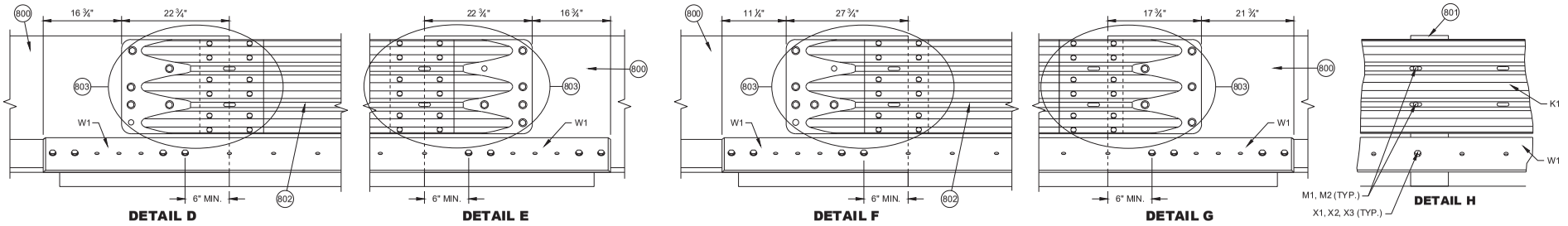
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

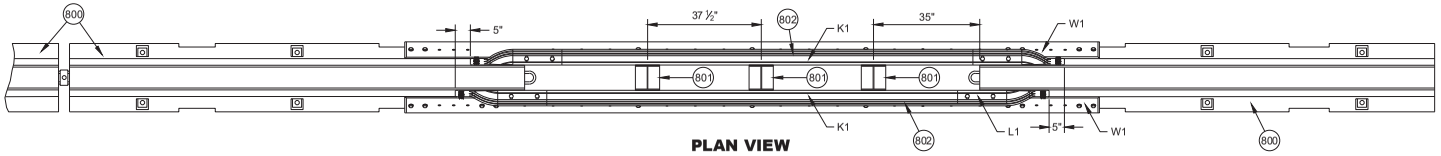
907

SDD 14B07-16g

6

SDD 14B07-16g





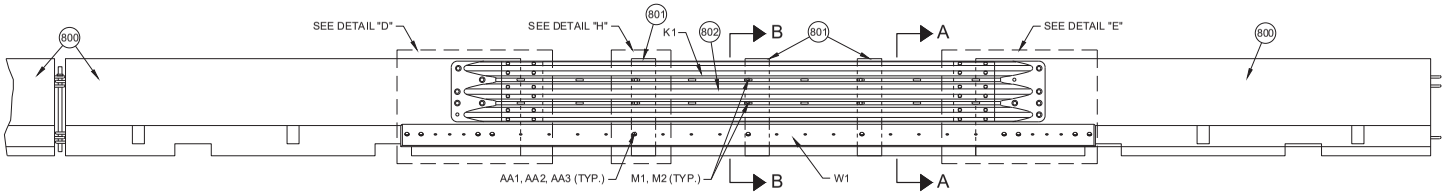
GENERAL NOTES

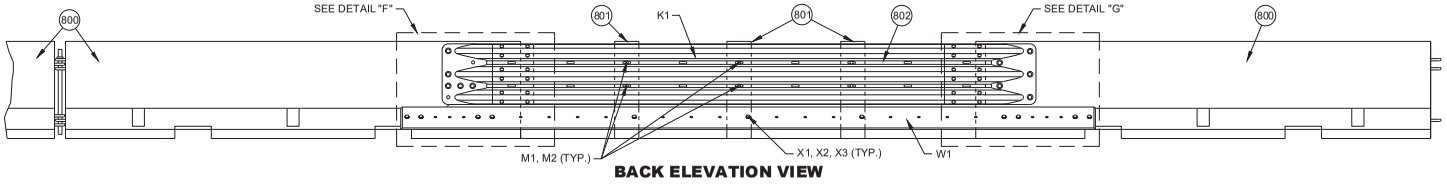
(800) FREE STANDING TEMPORARY BARRIER

(801) GAP STIFFENER ASSEMBLY

(802) THRIE BEAMS ARE NESTED ON BOTH SIDES OF THE TEMPORARY BARRIER.

(803) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL





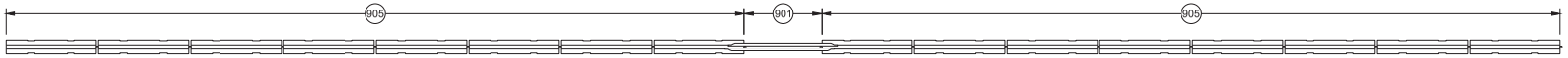
PORTABLE CONCRETE BARRIER GAP THRIE BEAM COVER

Addendum No. 01
ID 1228-22-70
Revised Sheet 908
March 7, 2023

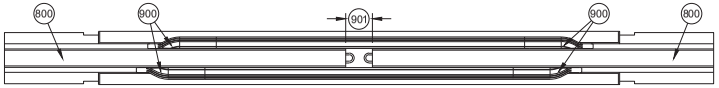
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

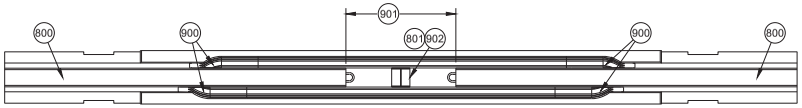
SDD 14B07-16h



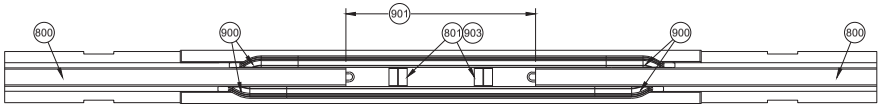
PLAN VIEW
GAP WITHIN SPACING



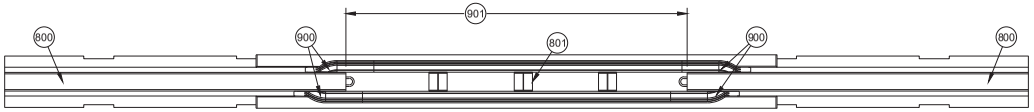
PLAN VIEW
TEMPORARY BARRIER GAP OVER 4" TO 1' MAX.(904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 1' TO 4' MAX.(904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 4' TO 7' MAX.(904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 7' TO 12.5' MAX.(904)

GENERAL NOTES

(900) SEE OTHER DETAILS FOR TEMPORARY GAP HARDWARE (TYP.)
(901) TEMPORARY BARRIER GAP
(902) GAP STIFFENER ASSEMBLY CENTERED IN THE GAP.
(903) GAP STIFFENER ASSEMBLY IS OFFSET 18 ¾" FROM CENTER
(904) MINIMUM NUMBER OF GAP STIFFENERS SHOWN FOR THE GAP RANGE SHOWN.
(905) MINIMUM OF 8 CONTINUOUS FREE STANDING TEMPORARY BARRIERS

Addendum No. 01
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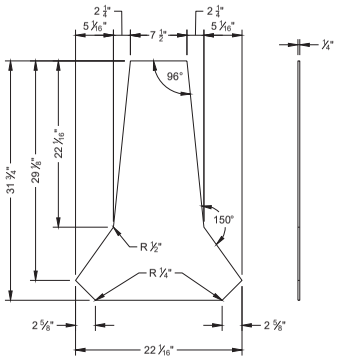
Revised Sheet 909
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

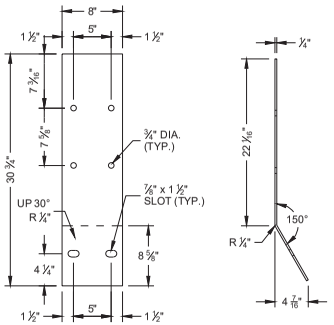
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16i



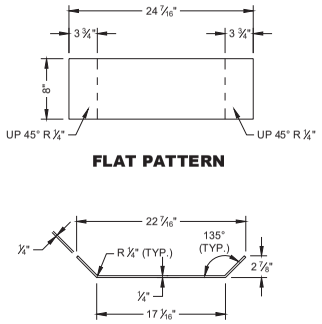
PROFILE VIEW SIDE VIEW

STIFFENER ASSEMBLY CENTER PANEL U1



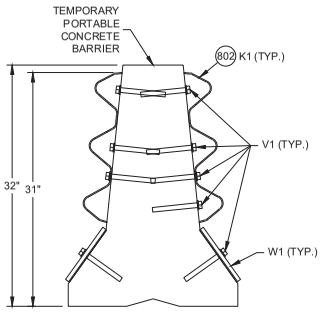
FLAT PATTERN SIDE VIEW

STIFFENER ASSEMBLY SIDE PANEL U2

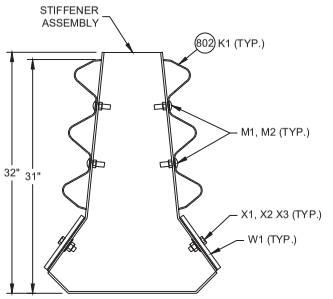


PROFILE VIEW

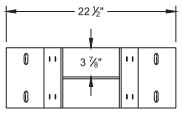
STIFFENER ASSEMBLY BOTTOM PANEL U3



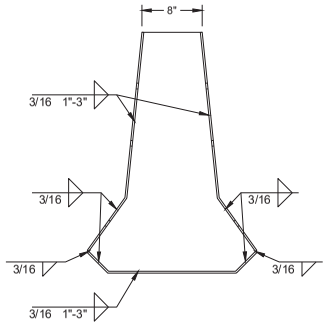
SECTION A - A



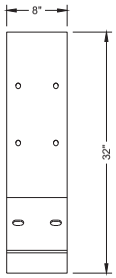
SECTION B - B



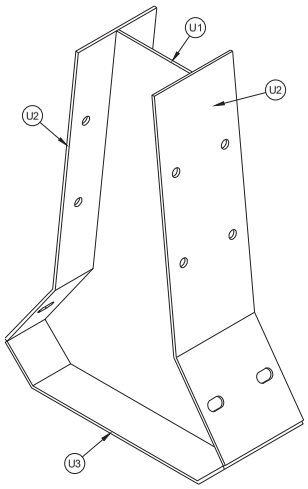
PLAN VIEW



PROFILE VIEW

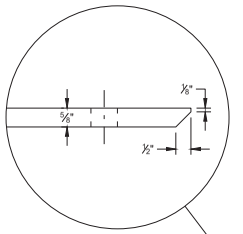


SIDE VIEW

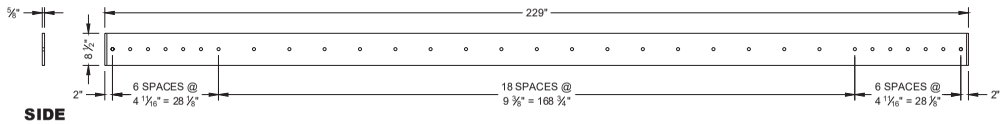


ISOMETRIC

GAP STIFFENER ASSEMBLY



PLAN VIEW



SIDE VIEW

ELEVATION VIEW

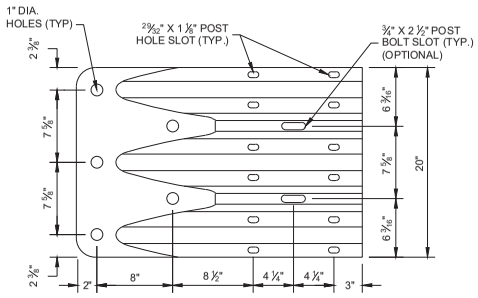
W1 TOE PLATE

Addendum No. 01
ID 1228-22-70
Revised Sheet 910
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

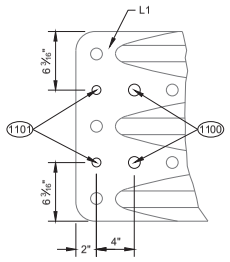
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6 SDD 14B07-16j



ELEVATION VIEW

THRIE BEAM TERMINAL CONNECTOR



ELEVATION VIEW

ADDITIONAL THRIE BEAM (102) TERMINAL CONNECTOR HOLE DETAIL

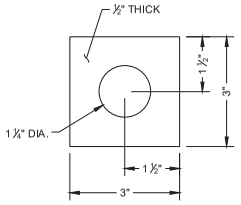


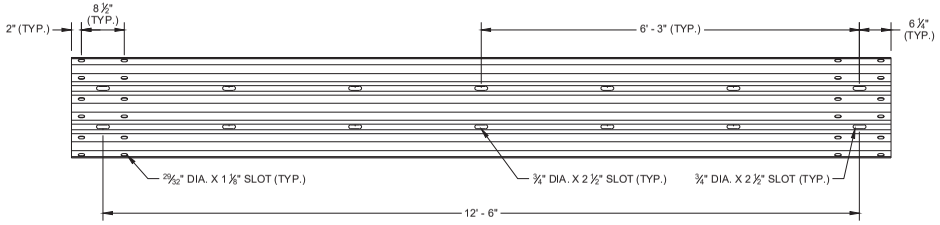
PLATE WASHER DETAIL G2, H3

GENERAL NOTES

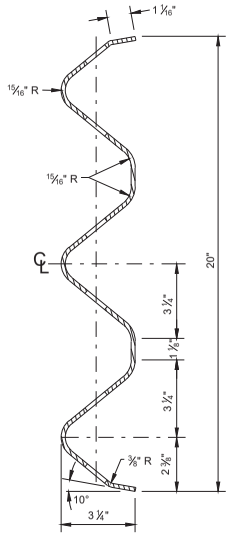
(100) 1" DIA. HOLE

(101) 3/4" DIA. HOLE

(102) PROVIDE HOLES IN THRIE BEAM TERMINAL CONNECTOR TO LIMIT STEEL REINFORCEMENT OR LOOP BAR CONFLICT. CONTRACTOR MAY FIELD DRILL ADDITIONAL HOLE OR PROVIDE THRIE BEAM TERMINAL CONNECTOR WITH ADDITIONAL HOLES FROM SUPPLIER.



SLOTTED THRIE BEAM RAIL K1



SECTION THROUGH BEAM K1

Addendum No. 01
ID 1228-22-70
Revised Sheet 911
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

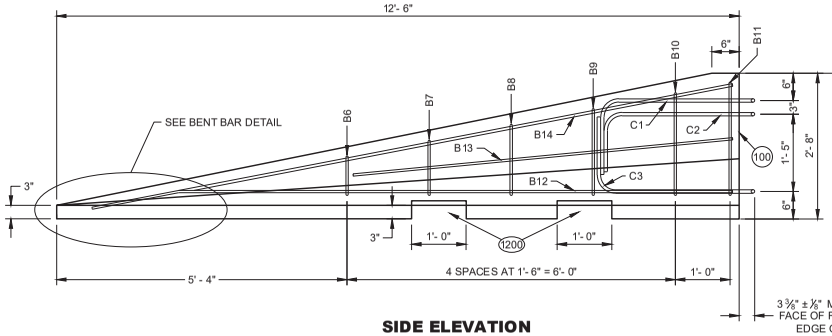
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

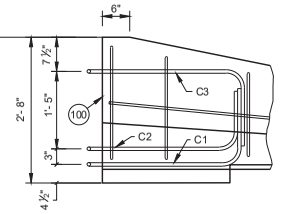
SDD 14B07-16k

6

SDD 14B07-16k



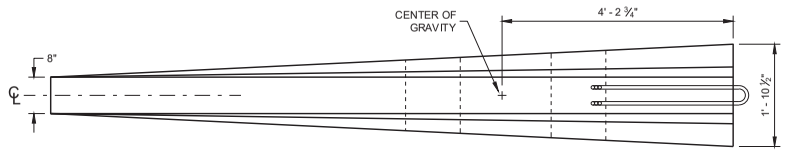
SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)



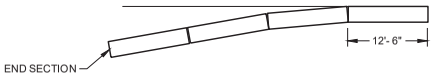
SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED FOR OPPOSITE END
(FOR CONNECTION TO RIGHT END OF BARRIER)

GENERAL NOTES

1200 SEE LIFTING SLOT DETAIL. LOCATION OF LIFTING SLOTS DETERMINED BY CONTRACTOR.

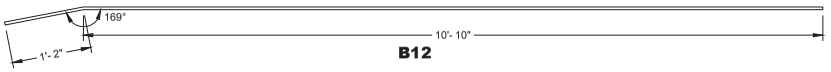


PLAN VIEW

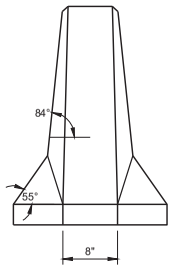


FLARE AT BARRIER END

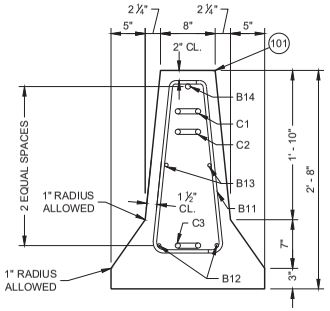
POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1



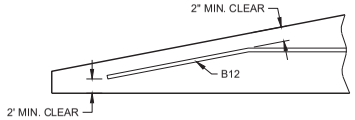
B12



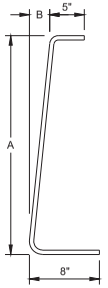
FRONT ELEVATION



END SECTION



BENT BAR DETAIL



BAR	A	B
B6	10"	1"
B7	1'- 1"	1 ¼"
B8	1'- 5"	1 ⅝"
B9	1'- 8"	1 ⅞"
B10	2'- 0 ½"	2 ⅜"
B11	2'- 3"	2 ¾"

B BARS
2 OF EACH SIZE REQUIRED FOR STIRRUP ASSEMBLY

DETAILS OF BARRIER TAPER SECTION

Addendum No. 01
ID 1228-22-70
Revised Sheet 912
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B07-16I

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	PRECAST TEMPORARY BARRIER - CONCRETE	MIN. = f'c 5000 PSI	
B1	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B2	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-2"
B3	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B4	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 6'-0"
B5	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#6 REBAR, LENGTH 2'-11"
B6	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 1'-11"
B7	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-2"
B8	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-6"
B9	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-9"
B10	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-2"
B11	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-4"
B12	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-0"
B13	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 7'-9"
B14	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 11'-9"
C1	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C2	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C3	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
D1	CONNECTION PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ¼" DIA.
D2	CONNECTION PIN - TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G1	BOLT THROUGH ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A OR SAE J429 GRADE 2 UNC	1 ⅛" DIA.
G2	BOLT THROUGH ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G3	BOLT THROUGH ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
H1	ADHESIVE ANCHOR - ADHESIVE	ICC-ES-AC308 5 ½" EMBEDMENT WITH A MIN. BOND STRENGTH OF 1,650 PSI. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
H2	ADHESIVE ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A / SAE J429 GRADE 2 UNC	1 ⅛" DIA.
H3	ADHESIVE ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
H4	ADHESIVE ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
J1	ASPHALT ANCHOR PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ½" DIA.
J2	ASPHALT ANCHOR PIN - STOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
K1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE
L1	THRIE BEAM RAIL - TERMINAL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
M1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	⅝" DIA.
M2	SPLICE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
N1	THRIE BEAM RAIL TERMINAL - MECHANICAL ANCHOR	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA. LENGTH 6"
N2	THRIE BEAM RAIL TERMINAL - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
N3	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 17.9 KIPS AND ULTIMATE SHEAR LOAD 21.96 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
P1	THRIE BEAM RAIL CONNECTION 1-BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA.
P2	THRIE BEAM RAIL CONNECTION 1-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
P3	THRIE BEAM RAIL CONNETION 1- MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 9.48 KIPS AND ULTIMATE SHEAR LOAD 10.48 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
Q1	BLOCK WOOD	SEE STANDARD SPEC. 614	
R1	CAP - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	⅝" DIA.
R2	CAP- BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
R3	CAP - BOLT - MECHANICAL ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 12.14 KIPS AND ULTIMATE SHEAR LOAD 17.5 KIPS.SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	12 GAUGE
S1	CAP 42-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S2	CAP 42-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S3	CAP 42-INCH SIDE PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S4	CAP 42-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S5	CAP 42-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S6	CAP 42-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S7	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE

Addendum No. 01
ID 1228-22-70
Revised Sheet 913
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

913

6

SDD 14B07-16m

6

SDD 14B07-16m

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
T1	CAP 56-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T2	CAP 56-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T3	CAP 56-INCH SIDE PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T4	CAP 56-INCH SIDE PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T5	CAP 56-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T6	CAP 56-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T7	CAP 56-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T8	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T9	CAP 42-INCH GUSSET 5	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T10	CAP 42-INCH GUSSET 6	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T11	CAP 42-INCH GUSSET 7	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T12	CAP 42-INCH GUSSET 8	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T13	CAP 42-INCH GUSSET 9	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T14	CAP 42-INCH GUSSET 10	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T15	CAP 42-INCH GUSSET 11	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T16	CAP 42-INCH GUSSET 12	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
U1	GAP STIFFENER	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U2	GAP STIFFENER - CONNECTOR PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U3	GAP STIFFENER - CONNECTOR PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
V1	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 24.0 KIPS AND ULTIMATE SHEAR LOAD 21.5 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	¾" DIA.
V2	GAP STIFFENER - BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C O R MECHANICAL GALVANIZE TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
W1	TOE PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
X1	TOE PLATE - CONNECTION BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC HEAVY HEX HEAD OR AASTHO M180 HEAD, ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED. PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	¾" DIA.
X2	TOE PLATE - CONNECTION BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1 (HARDEN WASHER ONLY)	
X3	TOE PLATE - CONNECTION BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	

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Addendum No. 01
ID 1228-22-70
Revised Sheet 914
March 7, 2023

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

SDD 14B07-16n

SDD 14B07-16n

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING THE LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1E AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

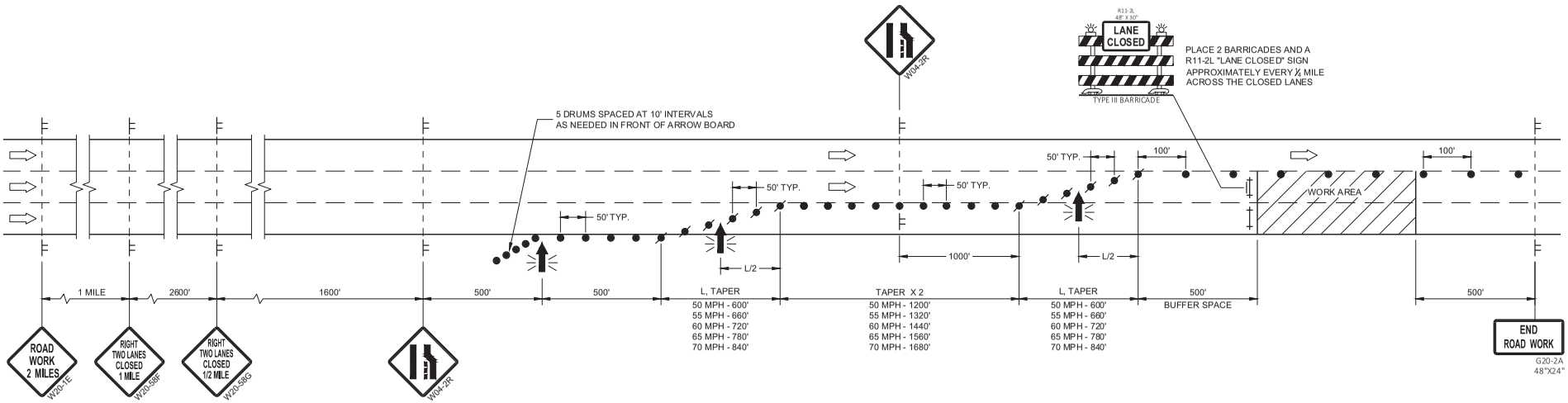
CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS.

WHEN A RAMP OR SIDE ROAD INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.



TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY, SHORT TERM (LESS THAN 24 HOURS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020 — DATE
/S/ Andrew Heidtke — STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

Addendum No. 01
ID 1228-22-70
Added Sheet 999A
March 7, 2023

999A

6

6

SDD 15D14 - 04

SDD 15D14 - 04

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES. FOR CLOSING THE LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1E AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS.

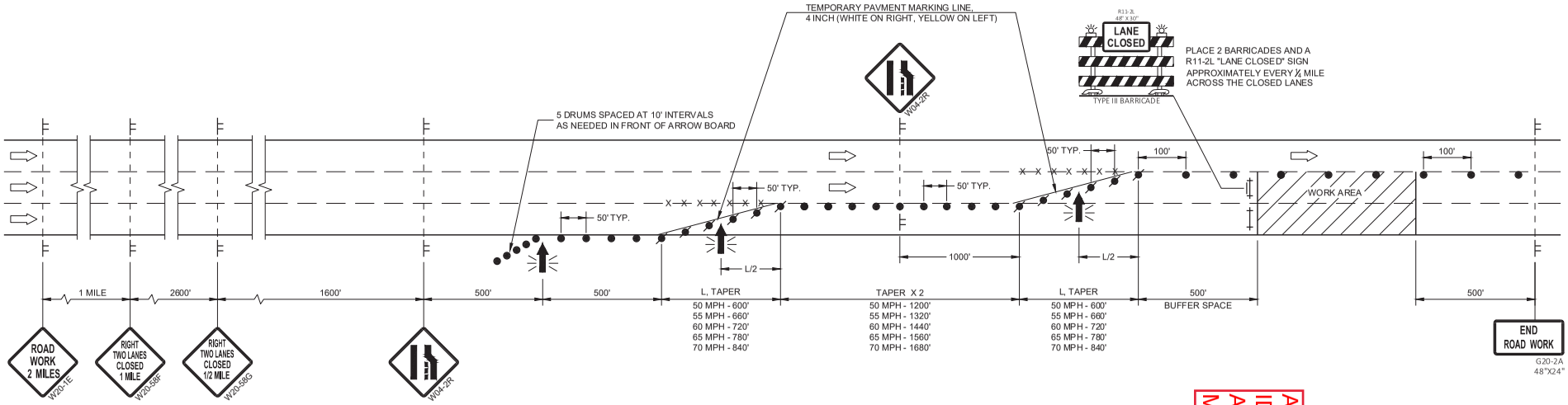
WHEN A RAMP OR SIDE ROAD INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.



Addendum No. 01
ID 1228-22-70
Added Sheet 999B
March 7, 2023

TRAFFIC CONTROL, TWO LANE CLOSURE ON FREEWAY OR EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ Andrew Heidtke — STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

999B

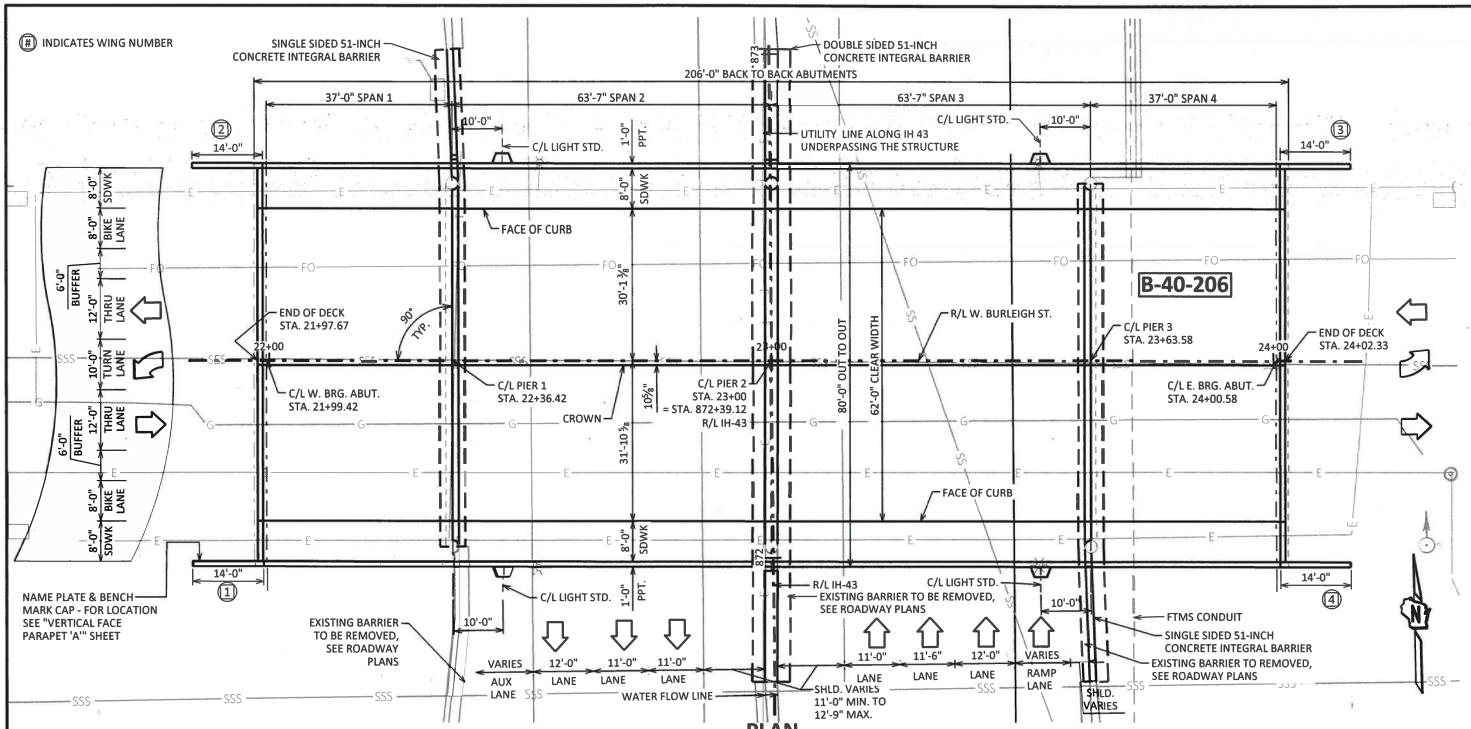
6

SDD 15D14 - 05

6

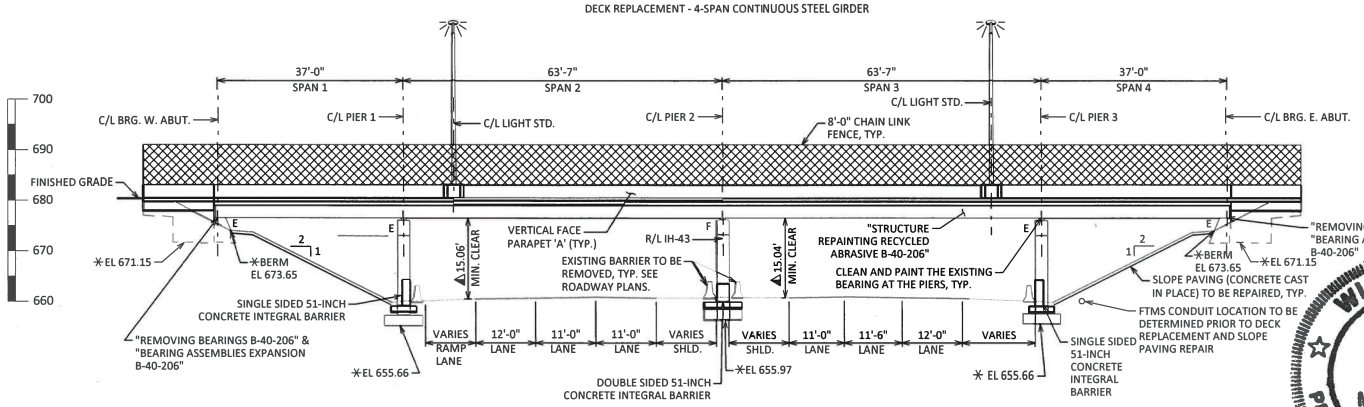
SDD 15D14 - 05

STATE PROJECT NUMBER
1228-22-70



PLAN

DECK REPLACEMENT - 4-SPAN CONTINUOUS STEEL GIRDER



ELEVATION

LOOKING NORTH

LEGEND

⚠ PER HSI (DIMENSION DATED 04-21-2017)
✳ PER 1963 ORIGINAL STRUCTURE PLAN ELEVATIONS PLUS 580.60

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS-20
INVENTORY RATING: HS = 16
OPERATING RATING: HS = 28
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 210 (KIPS)

MATERIAL PROPERTIES:

CONCRETE MASONRY:
SUPERSTRUCTURE, PARAPETS & INTEGRAL BARRIER — f'_c = 4,000 PSI
ALL OTHERS — f'_c = 3,500 PSI

BAR STEEL REINFORCEMENT
GRADE 60 — f_y = 60,000 PSI

TRAFFIC DATA

FEATURE ON: W. BURLEIGH ST
ADT = 7,000 (2038)
R.D.S. = 35 MPH

FEATURE UNDER: IH 43
ADT = 168,000 (2042)
R.D.S. = 60 MPH

LIST OF DRAWINGS:

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
3. GENERAL NOTES & MISC. DETAILS
4. REMOVAL DETAILS
5. ABUTMENT & WINGWALL DETAILS
6. BEARING DETAILS
7. SUPERSTRUCTURE PLAN
8. SUPERSTRUCTURE CROSS-SECTION
9. SUPERSTRUCTURE DETAILS & BILL OF BARS
10. TOP OF DECK ELEVATIONS
11. STRIP SEAL EXPANSION JOINT DETAILS
12. STRIP SEAL COVER PLATE
13. VERTICAL FACE PARAPET 'A'
14. PARAPET 'A' ELECTRICAL WORK
15. CONDUIT DETAILS & NOTES
16. CHAIN LINK FENCE DETAILS
17. CATHODIC PROTECTION ⚠ & UIT
18. 51-INCH CONCRETE INTEGRAL BARRIER PIER 1
19. 51-INCH CONCRETE INTEGRAL BARRIER PIER 2
20. 51-INCH CONCRETE INTEGRAL BARRIER PIER 3
21. INTEGRAL BARRIER DETAILS

Addendum No. 01
ID 1228-22-70
Revised Sheet 1182
March 7, 2023

STRUCTURE DESIGN CONTACTS:
WYATT ROZMENOSKI (414) 266-9066
AARON BONK (608) 261-0261

NO.	DATE	REVISION	BY
1	2/22/23	ADDED UIT DETAILS	WAR

GRAEF
275 W. Wisconsin Avenue Suite 300 Milwaukee, WI 53203 414/259-1500 414/259-0037 fax www.graef-usa.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B-40-206

W. BURLEIGH STREET OVER IH 43

COUNTY: MILWAUKEE CITY: MILWAUKEE

DESIGN SPEC: N/A REHABILITATION

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
KGW	WAR	CMW	KGW

WISCONSIN PROFESSIONAL ENGINEER
KEVIN G. WOOD
E-32070
MILWAUKEE, WI
2-22-2023

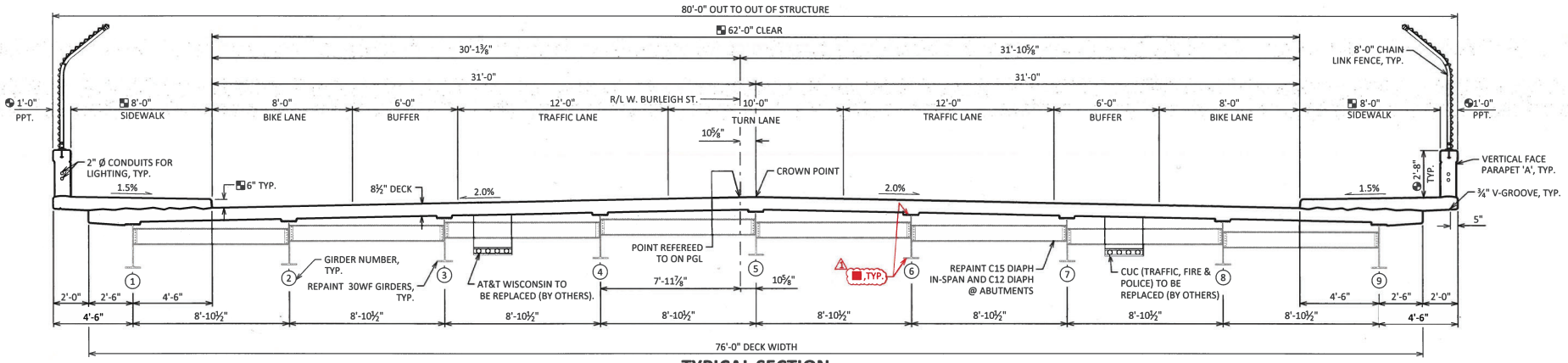
GENERAL PLAN

SHEET 1 OF 21
1182

I.D. DATE:

SCALE = 24.00

STATE PROJECT NUMBER
1228-22-70



TYPICAL SECTION

LOOKING EAST

TOTAL ESTIMATED QUANTITIES

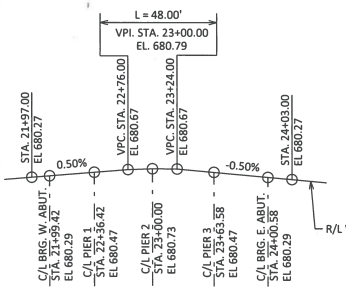
BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST ABUT.	PIER 1	PIER 2	PIER 3	EAST ABUT.	TOTALS
203.0220	REMOVING STRUCTURE B-40-206	EACH	---	---	---	---	---	---	1
203.0211.S.0001	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-206	EACH	---	---	---	---	---	---	1
204.0175	REMOVING CONCRETE SLOPE PAVING	SY	---	134	---	---	---	95	229
206.1001.0004	EXCAVATION FOR STRUCTURES BRIDGES B-40-206	EACH	---	---	---	---	---	---	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	---	19	---	---	---	19	38
305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	---	---	36	78	36	---	150
312.0110	SELECT CRUSHED MATERIAL	TON	---	---	26	51	26	---	103
501.1000.S	ICE HOT WEATHER CONCRETING	LB	4,110	60	305	705	305	60	5,545
502.0100	CONCRETE MASONRY BRIDGES	CY	547.7	8.3	40.9	94.2	40.9	8.3	740
502.3101	EXPANSION DEVICE	LF	156	---	---	---	---	---	156
502.3200	PROTECTIVE SURFACE TREATMENT	SY	1,777	24	---	---	---	24	1,825
502.3210	PIGMENTED SURFACE SEALER	SY	165	12	98	161	98	12	546
502.4110	ADHESIVE ANCHORS 1 1/4-INCH	EACH	---	18	---	---	---	18	36
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	---	165	---	---	---	165	330
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	---	---	66	144	66	---	276
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	141,050	2,020	5,840	11,220	5,840	2,020	167,990
506.6000.0001	BEARING ASSEMBLIES EXPANSION B-40-206	EACH	18	---	---	---	---	---	18
506.7050.S.0001	REMOVING BEARINGS B-40-206	EACH	18	---	---	---	---	---	18
509.1500	CONCRETE SURFACE REPAIR	SF	---	---	199	113	111	---	423
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	---	6	---	---	---	6	12
517.0901.S.0001	PREPARATION AND COATING OF TOP FLANGES B-40-206	EACH	1	---	---	---	---	---	1
517.1801.S.0001	STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-206	EACH	1	---	---	---	---	---	1
517.4501.S.0001	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-206	EACH	---	---	---	---	---	---	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	---	---	---	---	---	---	1
531.8990	ANCHOR ASSEMBLIES POLES ON STRUCTURES	EACH	4	---	---	---	---	---	4
604.0400	SLOPE PAVING CONCRETE	SY	---	134	---	---	---	95	229
616.0208	FENCE CHAIN LINK 8-FT.	LF	406	27	---	---	---	27	460
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	40	12	---	---	---	12	64
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	771	77	---	---	---	77	925
653.0222	JUNCTION BOXES 18X12X6-INCH	EACH	8	---	---	---	---	---	8
** SPV.0060.0400	EMBEDDED GALVANIC ANODES	EACH	---	---	127	78	99	---	304
⚠ ■ SPV.0060.0402	ULTRASONIC IMPACT TREATMENT PROCEDURE	EACH	144	---	---	---	---	---	144
	NON-BID ITEMS								
	BRIDGE SEAT PROTECTION	LS	---	---	---	---	---	---	1
	FILLER	SIZE	---	---	---	---	---	---	½"

ALL ITEMS ARE CATEGORY 2060

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM113	871+93.27, 219.75' LT	NNW UPPER FLANGE BOLT ON HYDRANT SQ QUAD	681.69
BM215	872+01.85, 101.79' LT	DISK IN SW ABUTMENT	680.03
CP13	871+94.45, 166.42' LT	CP FENO	679.91

Addendum No. 01
ID 1228-22-70
Revised Sheet 1183
March 7, 2023



PROFILE GRADE LINE R/L W. BURLEIGH ST.

SCOPE OF WORK: B-40-206

1. ABUTMENT BEARING REPLACEMENT
2. DECK AND JOINT REPLACEMENT
3. REPAINT GIRDERS
4. PARTIAL UPPER WINGWALL REPLACEMENT AND WINGWALL PARAPET REPLACEMENT
5. CONCRETE SURFACE REPAIRS
6. INTEGRAL BARRIERS
7. SLOPE PAVING REPAIRS

LEGEND

■ PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF DECK AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT PAVING BLOCKS, AND TOP AND SIDE SURFACES OF SIDEWALKS.

● PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS, INCLUDING PARAPETS ON ABUTMENTS WINGS, AND ON TOPS AND BOTH FACES OF INTEGRAL BARRIERS .

** THIS QUANTITY IS FOR INFORMATIONAL PURPOSES ONLY. FIELD ENGINEER TO VERIFY THE EXACT NUMBER OF ANODES REQUIRED AT EACH INDIVIDUAL SURFACE REPAIR LOCATION PRIOR TO ANODE INSTALLATION.

⚠ ■ ULTRASONIC IMPACT TESTING TO BE PERFORMED AT TOP AND BOTTOM FLANGE COVER PLATE TERMINATIONS OF ALL GIRDERS. SEE SHEET 17 FOR DETAILS.

WISCONSIN
KEVIN G. WOOD
E-32070
MILWAUKEE, WI
PROFESSIONAL ENGINEER
2-22-2023

NO.	DATE	REVISION	BY
1	2/22/23	ADDED UIT DETAILS	WAR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-206

DRAWN BY CMW | PLANS CK'D KGW

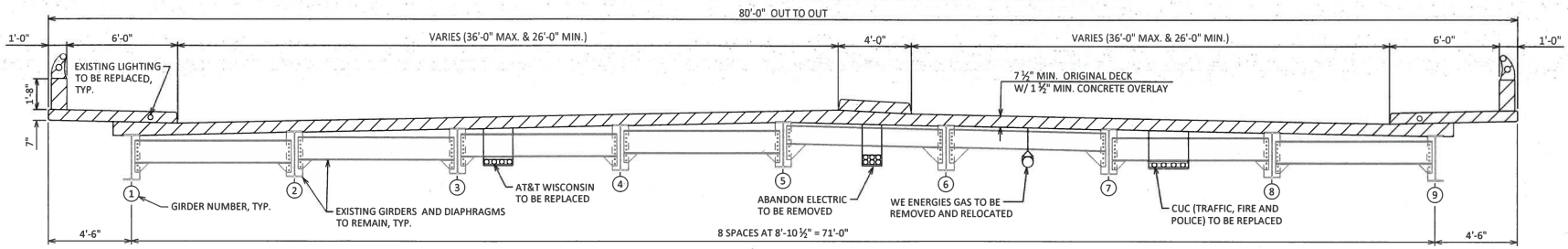
CROSS SECTION & QUANTITIES

SHEET 2 OF 21

1183

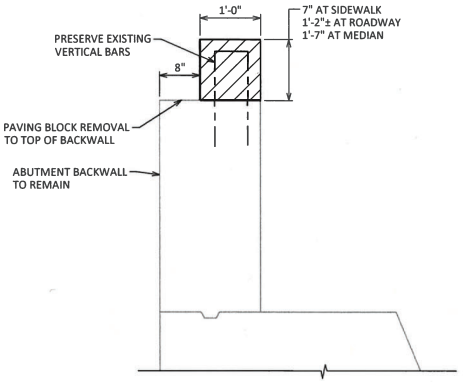
SCALE = 6.00

STATE PROJECT NUMBER
1228-22-70

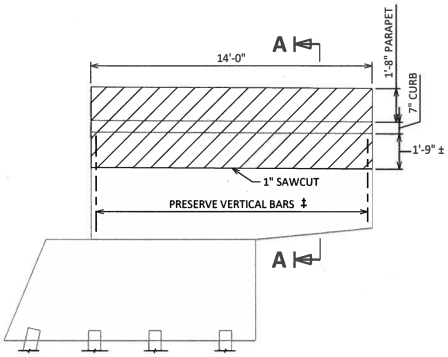


DECK REMOVAL

LOOKING EAST

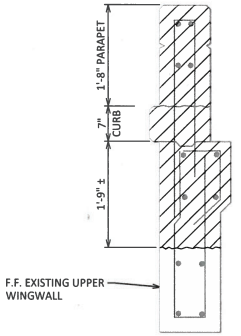


PAVING BLOCK REMOVAL



WINGWALL REMOVAL

TYPICAL ALL (4) WINGS



SECTION A-A

LEGEND

REMOVAL LIMITS

‡ EXISTING REINFORCEMENT INCORPORATED INTO NEW WORK ARE TO BE BLAST CLEANED AS THE ENGINEER DEEMS NECESSARY. SUPPLEMENT BROKEN OR HEAVILY CORRODED REINFORCEMENT BARS PER THE DIRECTION OF THE ENGINEER.

Addendum No. 01
ID 1228-22-70
Revised Sheet 1185
March 7, 2023

WISCONSIN
KEVIN G. WOOD
E-32070
MILWAUKEE, WI
PROFESSIONAL ENGINEER
2-22-2023

NO.	DATE	REVISION	BY
1	2/22/23	REVISED LEGEND NOTE	WAR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-206

DRAWN BY WAR | PLANS CK'D KGW

REMOVAL DETAILS

SHEET 4 OF 21

1185

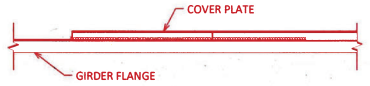
SCALE =

8

8

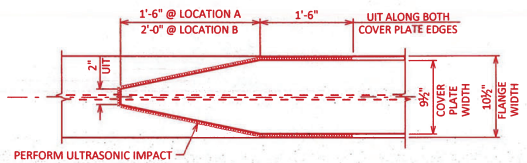
STATE PROJECT NUMBER

1228-22-70



DETAIL C

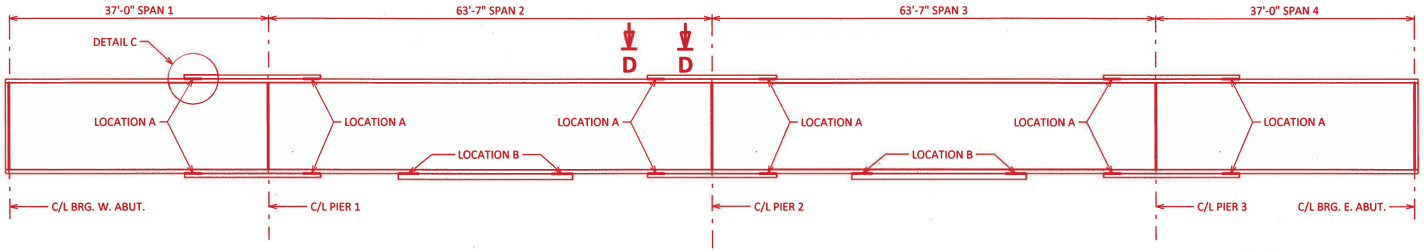
TOP FLANGE SHOWN,
BOTTOM FLANGE SIMILAR, TYP.



PERFORM ULTRASONIC IMPACT TREATMENT (UIT) ON EACH END OF TOP & BOTTOM FLANGE COVER PLATES AT LOCATIONS SHOWN BELOW.

SECTION D-D

TOP FLANGE SHOWN,
BOTTOM FLANGE SIMILAR, TYP.



UTRASONIC IMPACT TREATMENT (UIT) LOCATIONS

UIT SHALL BE PREFORMED ON ALL GIRDERS
16 LOCATIONS PER GIRDER

CATHODIC PROTECTION NOTES

SURFACE REPAIR AREAS WITH CATHODIC PROTECTION ARE BASED ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE PLAN QUANTITY FOR THE BID ITEM "EMBEDDED GALVANIC ANODES" IS BASED ON A MAXIMUM SPACING OF 24-INCHES AROUND THE SURFACE REPAIR PERIMETER. THE ACTUAL QUANTITY SHALL BE BASED ON THE FIELD CONDITIONS AND AS RECOMMENDED BY THE GALVANIC ANODE SUPPLIER.

SURFACE REPAIRS SHALL BE FILLED WITH REPAIR MATERIALS COMPATIBLE WITH CATHODIC PROTECTION, AS RECOMMENDED BY THE ANODE SUPPLIER.

EXISTING REINFORCING STEEL TO BE COMPLETELY CLEANED OF CORRODED MATERIAL AND CONCRETE TO PROVIDE SUFFICIENT ELECTRICAL CONNECTION AND BOND. CATHODIC PROTECTION PREPARATIONS ARE INCLUDED IN THE BID ITEM "EMBEDDED GALVANIC ANODES".

ANODES NEAREST THE EDGE OF THE REPAIR TO BE WITHIN 6" OF EDGE.

AFTER PLACEMENT, GALVANIC ANODES SHALL MAINTAIN A MINIMUM COVER OF 1½" AND MINIMUM BOTTOM COVER OF ¾".

CONCRETE SURFACE REPAIR ARE APPROXIMATE. PERFORM REPAIRS AS DIRECTED BY THE FIELD ENGINEER.

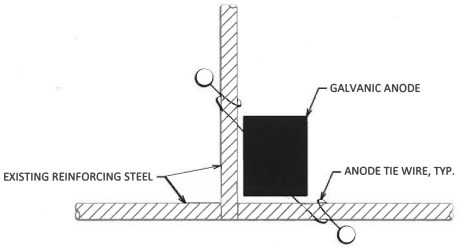
THE FINISHED CONCRETE SURFACE SHALL MATCH THE SHAPE AND FINISH OF THE ORIGINAL CONCRETE SURFACE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER TO PROVIDE ADDITIONAL CONCRETE.

GALVANIC ANODES ARE TO BE INSTALLED AT PIERS ONLY.

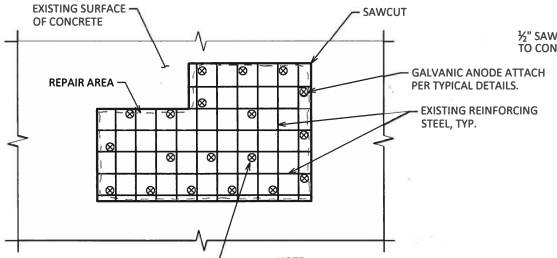
ENSURE ALL EXPOSED REINFORCING STEEL IS SECURELY FASTENED TOGETHER WITH TIE WIRE TO PROVIDE GOOD CONTINUITY. SEE SPECIAL PROVISIONS

LEGEND

DELAMINATED OR SPALLED AREA

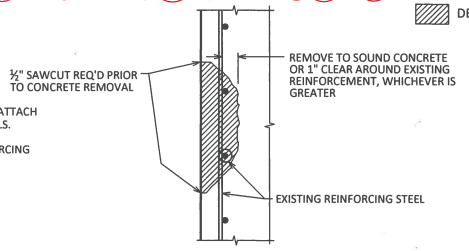


TYPICAL ANODE INSTALLATION AT BAR STEEL INTERSECTION

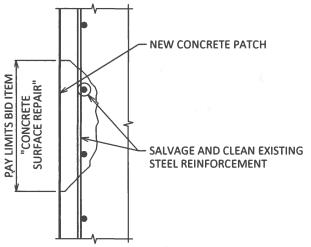


PLACE GALVANIC ANODE AT INTERIOR OF REPAIR WHEN REINFORCING STEEL IS IN CONTACT WITH THE EXISTING CONCRETE AT THE BOTTOM OF THE REPAIR.

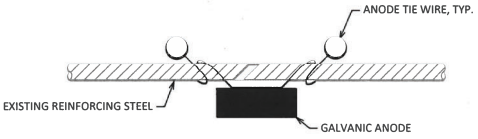
NOTE:
EXISTING REINFORCING STEEL TO BE COMPLETELY CLEANED OF CORRODED MATERIAL PRIOR TO INSTALLATION OF GALVANIC ANODES.



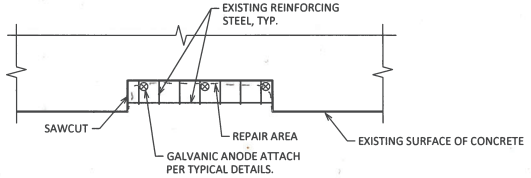
TYPICAL CONCRETE SURFACE REMOVAL DETAIL



TYPICAL CONCRETE SURFACE REPAIR DETAIL



TYPICAL ANODE INSTALLATION FOR BAR STEEL



PART. PLAN TYPICAL REPAIR DETAIL

Addendum No. 01
ID 1228-22-70
Revised Sheet 1198
March 7, 2023

WISCONSIN
KEVIN G. WOOD
E-32070
MILWAUKEE, WI
PROFESSIONAL ENGINEER

2-22-2023

NO.	DATE	REVISION	BY
1	2/22/23	ADDED UIT DETAILS	WAR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-206

DRAWN BY WAR | PLANS CK'D KGW

CATHODIC PROTECTION & UIT

SHEET 17 OF 21

1198

SCALE =

8

8

ID 1228-22-70 TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER	WEST ABUT.	PIER 1	PIER 2	PIER 3	EAST ABUT.	TOTALS
203.0220	REMOVING STRUCTURE B-40-207	EACH	———	———	———	———	———	———	1
203.0211.S	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-207	EACH	———	———	———	———	———	———	1
204.0175	REMOVING CONCRETE SLOPE PAVING	SY	———	106	———	———	———	123	229
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-40-207	EACH	———	———	———	———	———	———	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	———	211	———	———	———	211	422
501.1000.S	ICE HOT WEATHER CONCRETING	LB	4,855	225	380	705	380	225	6,770
502.0100	CONCRETE MASONRY BRIDGES	CY	647.3	30.0	50.8	94.2	50.8	30.0	903
502.3101	EXPANSION DEVICE B-40-207	LF	———	100	———	———	———	100	200
502.3200	PROTECTIVE SURFACE TREATMENT	SY	2,261	———	———	———	———	———	2,261
502.3210	PIGMENTED SURFACE SEALER	SY	161	12	76	214	76	12	551
502.4106	ADHESIVE ANCHORS 3/4-INCH	EACH	———	12	———	———	———	12	24
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	———	244	———	———	———	244	488
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	———	———	78	168	78	———	324
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	167,100	4,540	7,330	9,810	7,330	4,620	200,730
506.6000	BEARING ASSEMBLIES EXPANSION B-40-207	EACH	———	12	———	———	———	12	24
506.7050.S	REMOVING BEARINGS B-40-207	EACH	———	12	———	———	———	12	24
◐ 509.1500	CONCRETE SURFACE REPAIR	SF	———	50	52	41	19	50	212
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	———	23	———	———	———	23	46
517.0901.S	PREPARATION AND COATING OF TOP FLANGES B-40-207	EACH	———	———	———	———	———	———	1
517.1801.S	STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-207	EACH	———	———	———	———	———	———	1
517.4501.S	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-207	EACH	———	———	———	———	———	———	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	———	———	———	———	———	———	1
531.8990	ANCHOR ASSEMBLIES POLES ON STRUCTURES	EACH	4	———	———	———	———	———	4
604.0400	SLOPE PAVING CONCRETE	SY	———	106	———	———	———	123	229
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	———	230	———	———	———	230	460
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4	———	———	———	———	———	4
616.0206	FENCE CHAIN LINK 6-FT.	LF	448	———	———	———	———	———	448
652.0125	CONDUIT RIGID METALLIC 2-INCH	LF	80	12	———	———	———	12	104
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	720	80	———	———	———	80	880
653.0222	JUNCTION BOXES 18X12X6-INCH	EACH	8	———	———	———	———	———	8
** SPV.0060	EMBEDDED GALVANIC ANODES	EACH	———	———	42	33	15	———	90
SPV.0060	ULTRASONIC IMPACT TREATMENT PROCEDURE	EACH	192	———	———	———	———	———	192
	NON-BID ITEMS								
	BRIDGE SEAT PROTECTION	LS							1
	FILLER	SIZE							½"

** "EMBEDDED GALVANIC ANODES" ONLY REQUIRED ON PIERS. QUANTITY FOR "EMBEDDED GALVANIC ANODES" IS FOR INFORMATIONAL PURPOSES ONLY. FIELD ENGINEER TO VERIFY THE EXACT NUMBER OF ANODES REQUIRED AT EACH INDIVIDUAL PIER SURFACE REPAIR LOCATION PRIOR TO ANODE INSTALLATION.

ID 1228-22-81 TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER	WEST ABUT.	PIER 1	PIER 2	PIER 3	EAST ABUT.	TOTALS
SPV.0060	HEAT STRAIGHTENING OF DAMAGED GIRDERS	EACH	1	———	———	———	———	———	1

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.

SOME DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

"PROTECTIVE SURFACE TREATMENT" TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF DECK, TOP OF PAVING BLOCK, EXPOSED TOP AND SIDE FACES OF MEDIAN, AND TO THE EXPOSED TOP AND FRONT FACES OF RAISED SIDEWALK SURFACES.

"PIGMENTED SURFACE SEALER" TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS, INCLUDING PARAPETS ON WINGS, AND ON TOPS AND TRAFFIC FACES OF INTEGRAL BARRIERS AT PIERS.

APPLY "BRIDGE SEAT PROTECTION", AS PER SECTION 502.3.12 OF THE STANDARD SPECIFICATIONS, TO THE TOP SURFACES OF ALL ABUTMENTS BELOW EXPANSION DEVICES. POWER WASH AND ADEQUATELY DRY SURFACES BEFORE APPLICATION.

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "SUPERSTRUCTURE DETAILS" SHEET. SOME HAUNCH VALUES ARE EXPECTED TO BE LESS THAN 1¼". NON-STANDARD DECK FORMING SYSTEMS MAY BE REQUIRED.

THE COLOR OF THE FINISH EPOXY TOP COAT FOR ALL STRUCTURAL STEEL AREAS SHALL BE BLUE (AMS STANDARD COLOR NUMBER 25240).

REPLACE ALL EXISTING EXPANSION BEARINGS AT BOTH ABUTMENTS.
CLEAN & PAINT ALL EXISTING BEARINGS AT PIERS. (AMS STANDARD COLOR NUMBER 25240)

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR 1964.

REMOVE AND SALVAGE THE EXISTING RAILINGS (INCLUDES RAILS, POSTS, CHAIN LINK FENCING, AND ALL ASSOCIATED HARDWARE). AFTER REMOVAL, THE RAILINGS ARE TO BE SET ASIDE AND SHALL REMAIN THE PROPERTY OF THE STATE OF WISCONSIN. THE CONTRACTOR WILL COORDINATE WITH MILWAUKEE COUNTY HIGHWAY DEPARTMENT, AS TO WHEN THE RAILINGS ARE READY TO BE PICKED UP. THIS SHALL BE INCIDENTAL TO "REMOVING STRUCTURE B-40-207". ⚠

◐ FIELD ENGINEER TO DETERMINE "CONCRETE SURFACE REPAIR" AREAS ON PIERS & ABUTMENTS. CONCRETE SURFACE REPAIRS SHALL BE MADE ONLY AS DIRECTED BY THE ENGINEER

ASBESTOS LOCATED AT PARAPET EXPANSION JOINTS. REMOVAL TO BE INCLUDED WITH "ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-207" BID ITEM.

ALL CONCRETE REMOVAL LINES SHALL BE DEFINED BY A 1 INCH DEEP SAW-CUT.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN.
BLAST CLEAN TO THE ACCEPTANCE OF THE ENGINEER. ⚠

SEAL ALL EXPOSED HORIZONTAL AND VERTICAL JOINTS AT BACKFACE OF ABUTMENTS/WINGS WITH "RUBBERIZED MEMBRANE WATERPROOFING".

"HEAT STRAIGHTENING OF DAMAGED GIRDERS" WORK SHALL BE DONE AS DIRECTED BY THE FIELD ENGINEER AND THE SPECIAL PROVISIONS.

BRIDGE STATIONING MAY VARY BASED ON EXACT LOCATION OF THE BRIDGE ALONG THE ALIGNMENT. CONTRACTOR TO VERIFY. VARIATIONS TO THE NEW GRADE LINE OVER ½" MUST BE SUBMITTED FOR REVIEW BY THE BUREAU OF STRUCTURES.

TAKE CARE TO NOT DAMAGE EXISTING SHEAR STUDS ON THE TOP FLANGES OF GIRDERS DURING DECK REMOVAL. IF SHEAR STUDS ARE DAMAGED, THEY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. COST FOR REPAIR OR REPLACEMENT OF DAMAGED SHEAR STUDS IS INCIDENTAL TO "REMOVING STRUCTURE B-40-207". ⚠

STATE PROJECT NUMBER
1228-22-70/1228-22-81

KHB 2/22/23

NO.	DATE	REVISION	BY
⚠1	FEB/2023	UIT & NOTES	JLR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-40-207

DRAWN BY WWR | PLANS CK'D. JLR

QUANTITIES & GENERAL NOTES

SHEET 6

1208

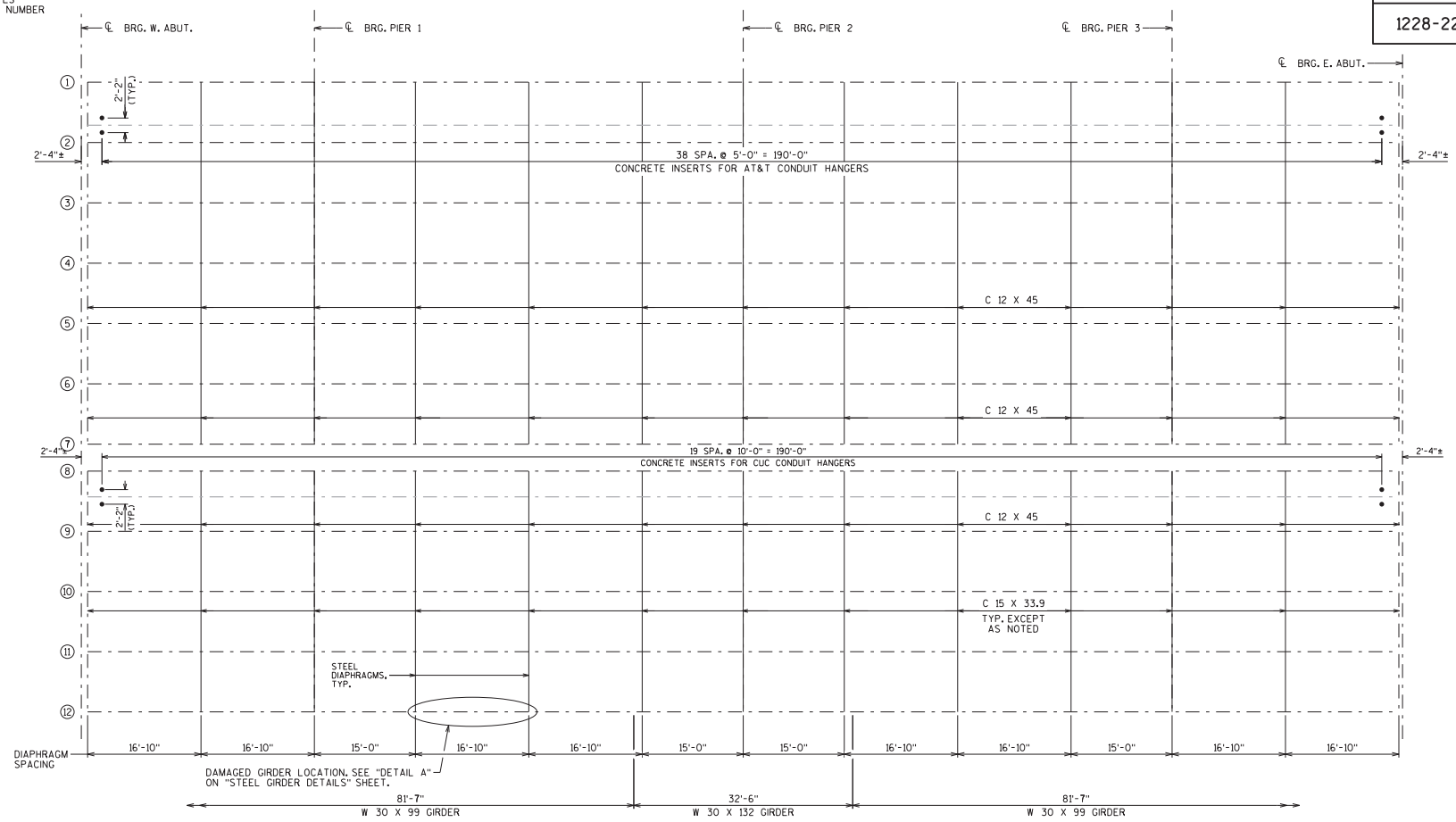
Addendum No. 01
ID 1228-22-70
Revised Sheet 1208
March 7, 2023

SCALE = 1.00

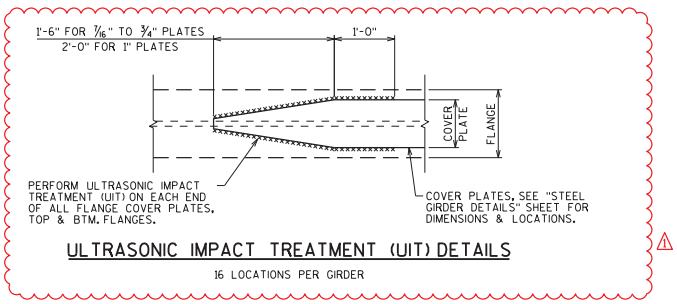
8

8

STATE PROJECT NUMBER
1228-22-70/1228-22-81



FRAMING PLAN



ULTRASONIC IMPACT TREATMENT (UIT) DETAILS

16 LOCATIONS PER GIRDER

NOTE: SEE "SUPERSTRUCTURE DETAILS" SHEET FOR UTILITY CONCRETE INSERT NOTES AND DETAILS.

Addendum No. 01
ID 1228-22-70
Revised Sheet 1219
March 7, 2023

KHB 2/22/23

NO.	DATE	REVISION	BY
1	FEB/2023	UIT & NOTES	JLR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-40-207

DRAWN BY WWR | PLANS CK'D. JLR

FRAMING PLAN (EXISTING)

SHEET 17

1219

SCALE = 8.00

Proposal ID: 20230314012 Project(s): 1228-22-70, 1228-22-80, 1228-22-81, 1228-22-87

Federal ID(s): WISC 2023278, N/A, N/A, N/A

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	236.000 STA	_____.____	_____.____
0004	201.0205 Grubbing	238.000 STA	_____.____	_____.____
0006	203.0211.S Abatement of Asbestos Containing Material (structure) 0001. B-40-206	1.000 EACH	_____.____	_____.____
0008	203.0211.S Abatement of Asbestos Containing Material (structure) 0002. B-40-207	1.000 EACH	_____.____	_____.____
0010	203.0220 Removing Structure (structure) 0001. B-40-206	1.000 EACH	_____.____	_____.____
0012	203.0220 Removing Structure (structure) 0002. B-40-207	1.000 EACH	_____.____	_____.____
0014	204.0100 Removing Concrete Pavement	73,283.000 SY	_____.____	_____.____
0016	204.0115 Removing Asphaltic Surface Butt Joints	5,962.000 SY	_____.____	_____.____
0018	204.0120 Removing Asphaltic Surface Milling	153,962.000 SY	_____.____	_____.____
0020	204.0150 Removing Curb & Gutter	2,017.000 LF	_____.____	_____.____
0022	204.0155 Removing Concrete Sidewalk	983.000 SY	_____.____	_____.____
0024	204.0157 Removing Concrete Barrier	31,269.000 LF	_____.____	_____.____
0026	204.0165 Removing Guardrail	1,409.000 LF	_____.____	_____.____
0028	204.0170 Removing Fence	26,686.000 LF	_____.____	_____.____
0030	204.0175 Removing Concrete Slope Paving	1,075.000 SY	_____.____	_____.____
0032	204.0195 Removing Concrete Bases	118.000 EACH	_____.____	_____.____

Proposal ID: 20230314012 Project(s): 1228-22-70, 1228-22-80, 1228-22-81, 1228-22-87

Federal ID(s): WISC 2023278, N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	204.0205 Removing Utility Poles	15.000 EACH	_____.____	_____.____
0036	204.0210 Removing Manholes	31.000 EACH	_____.____	_____.____
0038	204.0220 Removing Inlets	326.000 EACH	_____.____	_____.____
0040	204.0245 Removing Storm Sewer (size) 0001. 12-Inch	3,592.000 LF	_____.____	_____.____
0042	204.0245 Removing Storm Sewer (size) 0002. 15-Inch	2,197.000 LF	_____.____	_____.____
0044	204.0245 Removing Storm Sewer (size) 0003. 18-Inch	483.000 LF	_____.____	_____.____
0046	204.0245 Removing Storm Sewer (size) 0004. 21-Inch	577.000 LF	_____.____	_____.____
0048	204.0245 Removing Storm Sewer (size) 0005. 24-Inch	1,004.000 LF	_____.____	_____.____
0050	204.0245 Removing Storm Sewer (size) 0006. 30-Inch	948.000 LF	_____.____	_____.____
0052	204.0245 Removing Storm Sewer (size) 0007. 36-Inch	627.000 LF	_____.____	_____.____
0054	204.0245 Removing Storm Sewer (size) 0008. 42-Inch	534.000 LF	_____.____	_____.____
0056	204.0245 Removing Storm Sewer (size) 0009. 48-Inch	49.000 LF	_____.____	_____.____
0058	204.0245 Removing Storm Sewer (size) 0010. 54-Inch	131.000 LF	_____.____	_____.____
0060	204.0245 Removing Storm Sewer (size) 0011. 60-Inch	82.000 LF	_____.____	_____.____

Proposal ID: 20230314012 Project(s): 1228-22-70, 1228-22-80, 1228-22-81, 1228-22-87

Federal ID(s): WISC 2023278, N/A, N/A, N/A

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) 0012. 66-Inch	11.000 LF	_____._____	_____._____
0064	204.0246 Removing Ancillary Structure (structure) 0001. S-40-224	1.000 EACH	_____._____	_____._____
0066	204.0246 Removing Ancillary Structure (structure) 0002. S-40-225	1.000 EACH	_____._____	_____._____
0068	204.0246 Removing Ancillary Structure (structure) 0003. S-40-226	1.000 EACH	_____._____	_____._____
0070	204.0246 Removing Ancillary Structure (structure) 0004. S-40-227	1.000 EACH	_____._____	_____._____
0072	204.0246 Removing Ancillary Structure (structure) 0005. S-40-251	1.000 EACH	_____._____	_____._____
0074	204.0246 Removing Ancillary Structure (structure) 0006. S-40-705	1.000 EACH	_____._____	_____._____
0076	204.0246 Removing Ancillary Structure (structure) 0007. S-40-809	1.000 EACH	_____._____	_____._____
0078	204.0246 Removing Ancillary Structure (structure) 0008. S-40-3082	100.000 EACH	_____._____	_____._____
0080	204.0280 Sealing Pipes	3.000 EACH	_____._____	_____._____
0082	204.0291.S Abandoning Sewer	201.000 CY	_____._____	_____._____
0084	204.9001.S Removing Advance Flasher Assemblies Type 1	1.000 EACH	_____._____	_____._____
0086	204.9060.S Removing (item description) 0050. Bulkhead	3.000 EACH	_____._____	_____._____

Proposal ID: 20230314012 Project(s): 1228-22-70, 1228-22-80, 1228-22-81, 1228-22-87

Federal ID(s): WISC 2023278, N/A, N/A, N/A

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	204.9060.S Removing (item description) 0101. Distribution Center	4.000 EACH	_____.____	_____.____
0090	204.9060.S Removing (item description) 0102. Lighting Units	83.000 EACH	_____.____	_____.____
0092	204.9060.S Removing (item description) 0103. Luminaire	27.000 EACH	_____.____	_____.____
0094	204.9060.S Removing (item description) 0104. Underdeck Lighting	33.000 EACH	_____.____	_____.____
0096	204.9060.S Removing (item description) 0201. Controller Cabinet	1.000 EACH	_____.____	_____.____
0098	204.9060.S Removing (item description) 0202. Controller Cabinet Base	1.000 EACH	_____.____	_____.____
0100	204.9060.S Removing (item description) 0203. Speed Warning System DMS	3.000 EACH	_____.____	_____.____
0102	204.9060.S Removing (item description) 0204. Ramp Control Signal Assembly Sidemount	7.000 EACH	_____.____	_____.____
0104	204.9060.S Removing (item description) 0205. Communication Vault	9.000 EACH	_____.____	_____.____
0106	204.9060.S Removing (item description) 0206. Temporary Vehicle Detector Assembly	3.000 EACH	_____.____	_____.____
0108	204.9060.S Removing (item description) 0301. Traffic Signals Locust St & 8th St	1.000 EACH	_____.____	_____.____
0110	204.9060.S Removing (item description) 0302. Traffic Signals Locust St & 7th St	1.000 EACH	_____.____	_____.____
0112	204.9060.S Removing (item description) 0303. Traffic Signals Burleigh St & 8th St	1.000 EACH	_____.____	_____.____

Proposal ID: 20230314012 Project(s): 1228-22-70, 1228-22-80, 1228-22-81, 1228-22-87

Federal ID(s): WISC 2023278, N/A, N/A, N/A

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	204.9060.S Removing (item description) 0304. Traffic Signals Burleigh St & 7th St	1.000 EACH	_____.____	_____.____
0116	204.9090.S Removing (item description) 0105. Aerial Cable	176.000 LF	_____.____	_____.____
0118	204.9090.S Removing (item description) 0400. R-40-22	40.000 LF	_____.____	_____.____
0120	205.0100 Excavation Common	178,690.000 CY	_____.____	_____.____
0122	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	828.000 TON	_____.____	_____.____
0124	206.1001 Excavation for Structures Bridges (structure) 0001. B-40-074	1.000 EACH	_____.____	_____.____
0126	206.1001 Excavation for Structures Bridges (structure) 0002. B-40-078	1.000 EACH	_____.____	_____.____
0128	206.1001 Excavation for Structures Bridges (structure) 0003. B-40-158	1.000 EACH	_____.____	_____.____
0130	206.1001 Excavation for Structures Bridges (structure) 0004. B-40-206	1.000 EACH	_____.____	_____.____
0132	206.1001 Excavation for Structures Bridges (structure) 0005. B-40-209	1.000 EACH	_____.____	_____.____
0134	206.1001 Excavation for Structures Bridges (structure) 0006. B-40-210	1.000 EACH	_____.____	_____.____
0136	206.1001 Excavation for Structures Bridges (structure) 0007. B-40-072	1.000 EACH	_____.____	_____.____
0138	206.1001 Excavation for Structures Bridges (structure) 0008. B-40-207	1.000 EACH	_____.____	_____.____

Proposal ID: 20230314012 Project(s): 1228-22-70, 1228-22-80, 1228-22-81, 1228-22-87

Federal ID(s): WISC 2023278, N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0140	206.1001 Excavation for Structures Bridges (structure) 0009. B-40-208	1.000 EACH	_____.____	_____.____
0142	206.1001 Excavation for Structures Bridges (structure) 0010. B-40-204	1.000 EACH	_____.____	_____.____
0144	206.1001 Excavation for Structures Bridges (structure) 0011. B-40-205	1.000 EACH	_____.____	_____.____
0146	206.1001 Excavation for Structures Bridges (structure) 0012. B-40-211	1.000 EACH	_____.____	_____.____
0148	206.3001 Excavation for Structures Retaining Walls (structure) 0001. R-40-22	1.000 EACH	_____.____	_____.____
0150	210.1500 Backfill Structure Type A	532.000 TON	_____.____	_____.____
0152	213.0100 Finishing Roadway (project) 0001. 1228-22-70	1.000 EACH	_____.____	_____.____
0154	305.0120 Base Aggregate Dense 1 1/4-Inch	96,010.000 TON	_____.____	_____.____
0156	310.0110 Base Aggregate Open-Graded	15,639.000 TON	_____.____	_____.____
0158	312.0110 Select Crushed Material	109,163.000 TON	_____.____	_____.____
0160	390.0403 Base Patching Concrete Shes	11,032.000 SY	_____.____	_____.____
0162	415.0090 Concrete Pavement 9-Inch	2,773.000 SY	_____.____	_____.____
0164	415.0410 Concrete Pavement Approach Slab	795.000 SY	_____.____	_____.____
0166	416.0610 Drilled Tie Bars	5,977.000 EACH	_____.____	_____.____
0168	416.0620 Drilled Dowel Bars	7,712.000 EACH	_____.____	_____.____

Proposal ID: 20230314012 Project(s): 1228-22-70, 1228-22-80, 1228-22-81, 1228-22-87

Federal ID(s): WISC 2023278, N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0170	455.0605 Tack Coat	32,222.000 GAL	_____._____	_____._____
0172	460.0115.S HMA Pavement Test Strips Volumetrics	1.000 EACH	_____._____	_____._____
0174	460.0120.S HMA Pavement Test Strips Density	1.000 EACH	_____._____	_____._____
0176	460.2000 Incentive Density HMA Pavement	15,360.000 DOL	1.00000	15,360.00
0178	460.7423 HMA Pavement 3 HT 58-28 H	67,331.000 TON	_____._____	_____._____
0180	460.7425 HMA Pavement 5 HT 58-28 H	1,740.000 TON	_____._____	_____._____
0182	460.8624 HMA Pavement 4 SMA 58-28 V	23,986.000 TON	_____._____	_____._____
0184	460.9000.S Material Transfer Vehicle 0001. 1228-22-70	1.000 EACH	_____._____	_____._____
0186	465.0125 Asphaltic Surface Temporary	4,073.000 TON	_____._____	_____._____
0188	495.1000.S Cold patch	30.000 TON	_____._____	_____._____
0190	501.1000.S Ice Hot Weather Concreting	78,235.000 LB	_____._____	_____._____
0192	502.0100 Concrete Masonry Bridges	2,841.000 CY	_____._____	_____._____
0194	502.3101 Expansion Device	597.000 LF	_____._____	_____._____
0196	502.3200 Protective Surface Treatment	7,122.000 SY	_____._____	_____._____
0198	502.3205 Pigmented Surface Sealer Reseal	439.000 SY	_____._____	_____._____
0200	502.3210 Pigmented Surface Sealer	3,731.000 SY	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0202	502.3215 Protective Surface Treatment Reseal	1,137.000 SY	_____.____	_____.____
0204	502.4106 Adhesive Anchors 3/4-inch	24.000 EACH	_____.____	_____.____
0206	502.4110 Adhesive Anchors 1 1/4-inch	36.000 EACH	_____.____	_____.____
0208	502.4112 Adhesive Anchors 1 1/2-inch	32.000 EACH	_____.____	_____.____
0210	502.4205 Adhesive Anchors No. 5 Bar	1,048.000 EACH	_____.____	_____.____
0212	502.4206 Adhesive Anchors No. 6 Bar	3,847.000 EACH	_____.____	_____.____
0214	504.0500 Concrete Masonry Retaining Walls	13.400 CY	_____.____	_____.____
0216	505.0400 Bar Steel Reinforcement HS Structures	4,370.000 LB	_____.____	_____.____
0218	505.0600 Bar Steel Reinforcement HS Coated Structures	521,760.000 LB	_____.____	_____.____
0220	506.0605 Structural Steel HS	5.000 LB	_____.____	_____.____
0222	506.6000 Bearing Assemblies Expansion (structure) 0001. B-40-206	18.000 EACH	_____.____	_____.____
0224	506.6000 Bearing Assemblies Expansion (structure) 0002. B-40-209	8.000 EACH	_____.____	_____.____
0226	506.6000 Bearing Assemblies Expansion (structure) 0003. B-40-207	24.000 EACH	_____.____	_____.____
0228	506.6000 Bearing Assemblies Expansion (structure) 0004. B-40-215	14.000 EACH	_____.____	_____.____
0230	506.7050.S Removing Bearings (structure) 0001. B-40-206	18.000 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
0232	506.7050.S Removing Bearings (structure) 0002. B-40-209	8.000 EACH	_____.____	_____.____
0234	506.7050.S Removing Bearings (structure) 0003. B-40-207	24.000 EACH	_____.____	_____.____
0236	506.7050.S Removing Bearings (structure) 0004. B-40-215	14.000 EACH	_____.____	_____.____
0238	509.0301 Preparation Decks Type 1	489.000 SY	_____.____	_____.____
0240	509.0302 Preparation Decks Type 2	196.000 SY	_____.____	_____.____
0242	509.0500 Cleaning Decks	2,573.000 SY	_____.____	_____.____
0244	509.1000 Joint Repair	105.000 SY	_____.____	_____.____
0246	509.1200 Curb Repair	200.000 LF	_____.____	_____.____
0248	509.1500 Concrete Surface Repair	4,333.000 SF	_____.____	_____.____
0250	509.2000 Full-Depth Deck Repair	10.000 SY	_____.____	_____.____
0252	509.2500 Concrete Masonry Overlay Decks	245.000 CY	_____.____	_____.____
0254	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 0001. B-40-209	1,138.000 SY	_____.____	_____.____
0256	509.9010.S Removing Asphaltic Concrete Deck Overlay (structure) 0002. B-40-215	1,475.000 SY	_____.____	_____.____
0258	511.1200 Temporary Shoring (structure) 0001. R-40-22	215.000 SF	_____.____	_____.____
0260	516.0500 Rubberized Membrane Waterproofing	59.000 SY	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0262	517.0901.S Preparation and Coating of Top Flanges (structure) 0001. B-40-206	1.000 EACH	_____.____	_____.____
0264	517.0901.S Preparation and Coating of Top Flanges (structure) 0002. B-40-207	1.000 EACH	_____.____	_____.____
0266	517.1801.S Structure Repainting Recycled Abrasive (structure) 0001. B-40-206	1.000 EACH	_____.____	_____.____
0268	517.1801.S Structure Repainting Recycled Abrasive (structure) 0002. B-40-209	1.000 EACH	_____.____	_____.____
0270	517.1801.S Structure Repainting Recycled Abrasive (structure) 0003. B-40-208	1.000 EACH	_____.____	_____.____
0272	517.1801.S Structure Repainting Recycled Abrasive (structure) 0004. B-40-207	1.000 EACH	_____.____	_____.____
0274	517.1801.S Structure Repainting Recycled Abrasive (structure) 0005. B-40-215	1.000 EACH	_____.____	_____.____
0276	517.4501.S Negative Pressure Containment and Collection of Waste Materials (structure) 0001. B-40-206	1.000 EACH	_____.____	_____.____
0278	517.4501.S Negative Pressure Containment and Collection of Waste Materials (structure) 0002. B-40-209	1.000 EACH	_____.____	_____.____
0280	517.4501.S Negative Pressure Containment and Collection of Waste Materials (structure) 0003. B-40-208	1.000 EACH	_____.____	_____.____
0282	517.4501.S Negative Pressure Containment and Collection of Waste Materials (structure) 0004. B-40-207	1.000 EACH	_____.____	_____.____
0284	517.4501.S Negative Pressure Containment and Collection of Waste Materials (structure) 0005. B-40-215	1.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0286	517.6001.S Portable Decontamination Facility	5.000 EACH	_____.____	_____.____
0288	520.8000 Concrete Collars for Pipe	296.000 EACH	_____.____	_____.____
0290	521.2005.S Surface Drain Pipe Corrugated Metal Slotted (inch) 0001. 15-Inch	140.000 LF	_____.____	_____.____
0292	531.1100 Concrete Masonry Ancillary Structures Type NS	380.400 CY	_____.____	_____.____
0294	531.1140 Steel Reinforcement HS Ancillary Structures Type NS	38,534.000 LB	_____.____	_____.____
0296	531.1160 Steel Reinforcement HS Coated Ancillary Structures Type NS	18,920.000 LB	_____.____	_____.____
0298	531.2024 Drilling Shaft 24-Inch	106.000 LF	_____.____	_____.____
0300	531.2036 Drilling Shaft 36-Inch	933.000 LF	_____.____	_____.____
0302	531.2042 Drilling Shaft 42-Inch	92.000 LF	_____.____	_____.____
0304	531.4050 Foundation Camera Pole 50-FT	2.000 EACH	_____.____	_____.____
0306	531.6010 Foundation Two-Shaft Type FC-I (structure) 0001. S-40-3067	1.000 EACH	_____.____	_____.____
0308	531.6010 Foundation Two-Shaft Type FC-I (structure) 0002. S-40-3068	1.000 EACH	_____.____	_____.____
0310	531.6010 Foundation Two-Shaft Type FC-I (structure) 0003. S-40-3071	1.000 EACH	_____.____	_____.____
0312	531.6010 Foundation Two-Shaft Type FC-I (structure) 0004. S-40-3072	1.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0314	531.6010 Foundation Two-Shaft Type FC-I (structure) 0005. S-40-3073	1.000 EACH	_____._____	_____._____
0316	531.6010 Foundation Two-Shaft Type FC-I (structure) 0006. S-40-3076	1.000 EACH	_____._____	_____._____
0318	531.6010 Foundation Two-Shaft Type FC-I (structure) 0007. S-40-3081	1.000 EACH	_____._____	_____._____
0320	531.6010 Foundation Two-Shaft Type FC-I (structure) 0008. S-40-3083	1.000 EACH	_____._____	_____._____
0322	531.6010 Foundation Two-Shaft Type FC-I (structure) 0009. S-40-3104	1.000 EACH	_____._____	_____._____
0324	531.6020 Foundation Two-Shaft Type FC-II (structure) 0001. S-40-3075	1.000 EACH	_____._____	_____._____
0326	531.6020 Foundation Two-Shaft Type FC-II (structure) 0002. S-40-3078	1.000 EACH	_____._____	_____._____
0328	531.6020 Foundation Two-Shaft Type FC-II (structure) 0003. S-40-3080	1.000 EACH	_____._____	_____._____
0330	531.6020 Foundation Two-Shaft Type FC-II (structure) 0004. S-40-3105	1.000 EACH	_____._____	_____._____
0332	531.8990 Anchor Assemblies Poles on Structures	8.000 EACH	_____._____	_____._____
0334	532.5020 Butterfly 2-Chord NS (structure) 0001. S-40-3065	1.000 EACH	_____._____	_____._____
0336	532.5020 Butterfly 2-Chord NS (structure) 0002. S-40-3066	1.000 EACH	_____._____	_____._____
0338	532.5020 Butterfly 2-Chord NS (structure) 0003. S-40-3069	1.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0340	532.5020 Butterfly 2-Chord NS (structure) 0004. S-40-3070	1.000 EACH	_____._____	_____._____
0342	532.5020 Butterfly 2-Chord NS (structure) 0005. S-40-3074	1.000 EACH	_____._____	_____._____
0344	532.5020 Butterfly 2-Chord NS (structure) 0006. S-40-3077	1.000 EACH	_____._____	_____._____
0346	532.5020 Butterfly 2-Chord NS (structure) 0007. S-40-3082	1.000 EACH	_____._____	_____._____
0348	532.6010 Truss Cantilever 4-Chord Type I (structure) 0001. S-40-3067	1.000 EACH	_____._____	_____._____
0350	532.6010 Truss Cantilever 4-Chord Type I (structure) 0002. S-40-3068	1.000 EACH	_____._____	_____._____
0352	532.6010 Truss Cantilever 4-Chord Type I (structure) 0003. S-40-3071	1.000 EACH	_____._____	_____._____
0354	532.6010 Truss Cantilever 4-Chord Type I (structure) 0004. S-40-3072	1.000 EACH	_____._____	_____._____
0356	532.6010 Truss Cantilever 4-Chord Type I (structure) 0005. S-40-3073	1.000 EACH	_____._____	_____._____
0358	532.6010 Truss Cantilever 4-Chord Type I (structure) 0006. S-40-3076	1.000 EACH	_____._____	_____._____
0360	532.6010 Truss Cantilever 4-Chord Type I (structure) 0007. S-40-3081	1.000 EACH	_____._____	_____._____
0362	532.6010 Truss Cantilever 4-Chord Type I (structure) 0008. S-40-3083	1.000 EACH	_____._____	_____._____
0364	532.6010 Truss Cantilever 4-Chord Type I (structure) 0009. S-40-3104	1.000 EACH	_____._____	_____._____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0366	532.6020 Truss Cantilever 4-Chord Type II (structure) 0003. S-40-3075	1.000 EACH	_____.____	_____.____
0368	532.6020 Truss Cantilever 4-Chord Type II (structure) 0004. S-40-3078	1.000 EACH	_____.____	_____.____
0370	532.6020 Truss Cantilever 4-Chord Type II (structure) 0006. S-40-3080	1.000 EACH	_____.____	_____.____
0372	532.6020 Truss Cantilever 4-Chord Type II (structure) 0007. S-40-3105	1.000 EACH	_____.____	_____.____
0374	532.6120 Truss Full Span 4-Chord Type II (structure) 0001. S-40-463	1.000 EACH	_____.____	_____.____
0376	532.6120 Truss Full Span 4-Chord Type II (structure) 0002. S-40-464	1.000 EACH	_____.____	_____.____
0378	532.6120 Truss Full Span 4-Chord Type II (structure) 0003. S-40-3079	1.000 EACH	_____.____	_____.____
0380	532.6130 Truss Full Span 4-Chord Type III (structure) 0001. S-40-3064	1.000 EACH	_____.____	_____.____
0382	601.0409 Concrete Curb & Gutter 30-Inch Type A	2,096.000 LF	_____.____	_____.____
0384	601.0411 Concrete Curb & Gutter 30-Inch Type D	494.000 LF	_____.____	_____.____
0386	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	22,923.000 LF	_____.____	_____.____
0388	601.0588 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBT	631.000 LF	_____.____	_____.____
0390	601.0600 Concrete Curb Pedestrian	263.000 LF	_____.____	_____.____
0392	602.0410 Concrete Sidewalk 5-Inch	11,569.000 SF	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0394	602.0505 Curb Ramp Detectable Warning Field Yellow	274.000 SF	_____.____	_____.____
0396	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	61.000 SF	_____.____	_____.____
0398	603.0105 Concrete Barrier Single-Faced 32-Inch	269.000 LF	_____.____	_____.____
0400	603.1132 Concrete Barrier Type S32	485.000 LF	_____.____	_____.____
0402	603.1142 Concrete Barrier Type S42	1,663.000 LF	_____.____	_____.____
0404	603.1232 Concrete Barrier Type S32A	1,531.000 LF	_____.____	_____.____
0406	603.1242 Concrete Barrier Type S42A	6,811.000 LF	_____.____	_____.____
0408	603.1442 Concrete Barrier Type S42C	511.000 LF	_____.____	_____.____
0410	603.1456 Concrete Barrier Type S56C	678.000 LF	_____.____	_____.____
0412	603.2142 Concrete Barrier Fixed Object Protection Type S42	624.000 LF	_____.____	_____.____
0420	603.3611 Concrete Barrier Transition Type V32 to S32	1.000 EACH	_____.____	_____.____
0422	603.3655 Concrete Barrier Transition Type V42 to S42	14.000 EACH	_____.____	_____.____
0426	603.8000 Concrete Barrier Temporary Precast Delivered	57,069.000 LF	_____.____	_____.____
0428	603.8125 Concrete Barrier Temporary Precast Installed	57,419.000 LF	_____.____	_____.____
0430	603.8500 Anchoring Concrete Barrier Temporary Precast	1,561.000 LF	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0434	604.0400 Slope Paving Concrete	1,075.000 SY	_____.____	_____.____
0436	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	3,204.000 LF	_____.____	_____.____
0438	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	4,295.000 LF	_____.____	_____.____
0440	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	576.000 LF	_____.____	_____.____
0442	608.0321 Storm Sewer Pipe Reinforced Concrete Class III 21-Inch	26.000 LF	_____.____	_____.____
0444	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	2,187.000 LF	_____.____	_____.____
0446	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	316.000 LF	_____.____	_____.____
0448	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	1,290.000 LF	_____.____	_____.____
0450	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	1,368.000 LF	_____.____	_____.____
0452	608.0348 Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	49.000 LF	_____.____	_____.____
0454	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	137.000 LF	_____.____	_____.____
0456	608.0360 Storm Sewer Pipe Reinforced Concrete Class III 60-Inch	82.000 LF	_____.____	_____.____
0458	608.0366 Storm Sewer Pipe Reinforced Concrete Class III 66-Inch	11.000 LF	_____.____	_____.____

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0460	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	584.000 LF	_____.____	_____.____
0462	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	1,326.000 LF	_____.____	_____.____
0464	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	589.000 LF	_____.____	_____.____
0466	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	121.000 LF	_____.____	_____.____
0468	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	408.000 LF	_____.____	_____.____
0470	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	68.000 LF	_____.____	_____.____
0472	611.0535 Manhole Covers Type J-Special	104.000 EACH	_____.____	_____.____
0474	611.0606 Inlet Covers Type B	12.000 EACH	_____.____	_____.____
0476	611.0627 Inlet Covers Type HM	117.000 EACH	_____.____	_____.____
0478	611.0654 Inlet Covers Type V	211.000 EACH	_____.____	_____.____
0480	611.0660 Inlet Covers Type WM	13.000 EACH	_____.____	_____.____
0482	611.2004 Manholes 4-FT Diameter	9.000 EACH	_____.____	_____.____
0484	611.2005 Manholes 5-FT Diameter	49.000 EACH	_____.____	_____.____
0486	611.2006 Manholes 6-FT Diameter	48.000 EACH	_____.____	_____.____
0488	611.2007 Manholes 7-FT Diameter	6.000 EACH	_____.____	_____.____

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0490	611.2008 Manholes 8-FT Diameter	13.000 EACH	_____.____	_____.____
0492	611.2009 Manholes 9-FT Diameter	1.000 EACH	_____.____	_____.____
0494	611.3004 Inlets 4-FT Diameter	321.000 EACH	_____.____	_____.____
0496	611.3220 Inlets 2x2-FT	10.000 EACH	_____.____	_____.____
0498	611.8110 Adjusting Manhole Covers	6.000 EACH	_____.____	_____.____
0500	611.8115 Adjusting Inlet Covers	13.000 EACH	_____.____	_____.____
0502	612.0106 Pipe Underdrain 6-Inch	12,749.000 LF	_____.____	_____.____
0504	612.0406 Pipe Underdrain Wrapped 6-Inch	460.000 LF	_____.____	_____.____
0506	614.0150 Anchor Assemblies for Steel Plate Beam Guard	4.000 EACH	_____.____	_____.____
0508	614.0905 Crash Cushions Temporary	25.000 EACH	_____.____	_____.____
0510	614.0935 Salvaged Sand Barrels	11.000 EACH	_____.____	_____.____
0512	614.2300 MGS Guardrail 3	827.000 LF	_____.____	_____.____
0514	614.2500 MGS Thrie Beam Transition	630.000 LF	_____.____	_____.____
0516	614.2610 MGS Guardrail Terminal EAT	18.000 EACH	_____.____	_____.____
0518	614.2620 MGS Guardrail Terminal Type 2	1.000 EACH	_____.____	_____.____
0520	616.0204 Fence Chain Link 4-FT	199.000 LF	_____.____	_____.____

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0522	616.0206 Fence Chain Link 6-FT	26,936.000 LF	_____.____	_____.____
0524	616.0208 Fence Chain Link 8-FT	460.000 LF	_____.____	_____.____
0526	616.0329 Gates Chain Link (width) 0001. 12-FT	16.000 EACH	_____.____	_____.____
0528	618.0100 Maintenance And Repair of Haul Roads (project) 0001. 1228-22-70	1.000 EACH	_____.____	_____.____
0530	619.1000 Mobilization	1.000 EACH	_____.____	_____.____
0532	623.0200 Dust Control Surface Treatment	197,427.000 SY	_____.____	_____.____
0534	624.0100 Water	506.000 MGAL	_____.____	_____.____
0536	625.0100 Topsoil	110,955.000 SY	_____.____	_____.____
0538	627.0200 Mulching	88,764.000 SY	_____.____	_____.____
0540	628.1905 Mobilizations Erosion Control	2.000 EACH	_____.____	_____.____
0542	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	_____.____	_____.____
0544	628.2023 Erosion Mat Class II Type B	110,955.000 SY	_____.____	_____.____
0546	628.7005 Inlet Protection Type A	68.000 EACH	_____.____	_____.____
0548	628.7020 Inlet Protection Type D	898.000 EACH	_____.____	_____.____
0550	629.0210 Fertilizer Type B	101.000 CWT	_____.____	_____.____
0552	630.0120 Seeding Mixture No. 20	2,422.000 LB	_____.____	_____.____

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0554	630.0500 Seed Water	2,493.000 MGAL	_____.____	_____.____
0556	631.0300 Sod Water	46.000 MGAL	_____.____	_____.____
0558	631.1000 Sod Lawn	1,820.000 SY	_____.____	_____.____
0560	634.0618 Posts Wood 4x6-Inch X 18-FT	72.000 EACH	_____.____	_____.____
0562	634.0622 Posts Wood 4x6-Inch X 22-FT	126.000 EACH	_____.____	_____.____
0564	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	31.000 EACH	_____.____	_____.____
0566	634.0885 Posts Tubular Steel 2x2-Inch X 8.5-FT	19.000 EACH	_____.____	_____.____
0568	635.0200 Sign Supports Structural Steel HS	17,700.000 LB	_____.____	_____.____
0570	637.1220 Signs Type I Reflective SH	5,684.500 SF	_____.____	_____.____
0572	637.1230 Signs Type I Reflective F	761.000 SF	_____.____	_____.____
0574	637.2210 Signs Type II Reflective H	2,398.855 SF	_____.____	_____.____
0576	637.2230 Signs Type II Reflective F	1,115.500 SF	_____.____	_____.____
0578	638.2101 Moving Signs Type I	4.000 EACH	_____.____	_____.____
0580	638.2102 Moving Signs Type II	10.000 EACH	_____.____	_____.____
0582	638.2601 Removing Signs Type I	31.000 EACH	_____.____	_____.____
0584	638.2602 Removing Signs Type II	255.000 EACH	_____.____	_____.____
0586	638.3000 Removing Small Sign Supports	158.000 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
0588	638.3100 Removing Structural Steel Sign Supports	36.000 EACH	_____.____	_____.____
0590	643.0300 Traffic Control Drums	417,848.000 DAY	_____.____	_____.____
0592	643.0420 Traffic Control Barricades Type III	38,116.000 DAY	_____.____	_____.____
0594	643.0500 Traffic Control Flexible Tubular Marker Posts	900.000 EACH	_____.____	_____.____
0596	643.0600 Traffic Control Flexible Tubular Marker Bases	900.000 EACH	_____.____	_____.____
0598	643.0705 Traffic Control Warning Lights Type A	75,483.000 DAY	_____.____	_____.____
0600	643.0715 Traffic Control Warning Lights Type C	72,361.000 DAY	_____.____	_____.____
0602	643.0800 Traffic Control Arrow Boards	3,503.000 DAY	_____.____	_____.____
0604	643.0900 Traffic Control Signs	122,728.000 DAY	_____.____	_____.____
0606	643.0910 Traffic Control Covering Signs Type I	24.000 EACH	_____.____	_____.____
0608	643.0920 Traffic Control Covering Signs Type II	170.000 EACH	_____.____	_____.____
0610	643.1000 Traffic Control Signs Fixed Message	1,543.000 SF	_____.____	_____.____
0612	643.1050 Traffic Control Signs PCMS	999.000 DAY	_____.____	_____.____
0614	643.3105 Temporary Marking Line Paint 4-Inch	356,831.000 LF	_____.____	_____.____
0616	643.3120 Temporary Marking Line Epoxy 4-Inch	148,990.000 LF	_____.____	_____.____
0618	643.3150 Temporary Marking Line Removable Tape 4-Inch	26,481.000 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
0620	643.3205 Temporary Marking Line Paint 8-Inch	59,336.000 LF	_____.____	_____.____
0622	643.3220 Temporary Marking Line Epoxy 8-Inch	25,123.000 LF	_____.____	_____.____
0624	643.3250 Temporary Marking Line Removable Tape 8-Inch	1,732.000 LF	_____.____	_____.____
0626	643.3505 Temporary Marking Arrow Paint	15.000 EACH	_____.____	_____.____
0628	643.3760 Temporary Marking Raised Pavement Marker Type I	535.000 EACH	_____.____	_____.____
0630	643.3805 Temporary Marking Stop Line Paint 18-Inch	22.000 LF	_____.____	_____.____
0632	643.4100 Traffic Control Interim Lane Closure	610.000 EACH	_____.____	_____.____
0634	643.5000 Traffic Control	1.000 EACH	_____.____	_____.____
0636	644.1430 Temporary Pedestrian Surface Plate	120.000 SF	_____.____	_____.____
0638	644.1601 Temporary Pedestrian Curb Ramp	165.000 DAY	_____.____	_____.____
0640	644.1605 Temporary Pedestrian Detectable Warning Field	60.000 SF	_____.____	_____.____
0642	644.1810 Temporary Pedestrian Barricade	2,357.000 LF	_____.____	_____.____
0644	645.0111 Geotextile Type DF Schedule A	7,083.000 SY	_____.____	_____.____
0646	646.1020 Marking Line Epoxy 4-Inch	7,126.000 LF	_____.____	_____.____
0648	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	38,453.000 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
0650	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch	5,825.000 LF	_____.____	_____.____
0652	646.3020 Marking Line Epoxy 8-Inch	5,018.000 LF	_____.____	_____.____
0654	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch	9,042.000 LF	_____.____	_____.____
0656	646.5020 Marking Arrow Epoxy	57.000 EACH	_____.____	_____.____
0658	646.5120 Marking Word Epoxy	6.000 EACH	_____.____	_____.____
0660	646.5220 Marking Symbol Epoxy	17.000 EACH	_____.____	_____.____
0662	646.6120 Marking Stop Line Epoxy 18-Inch	722.000 LF	_____.____	_____.____
0664	646.7120 Marking Diagonal Epoxy 12-Inch	6,356.000 LF	_____.____	_____.____
0666	646.7220 Marking Chevron Epoxy 24-Inch	1,368.000 LF	_____.____	_____.____
0668	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,372.000 LF	_____.____	_____.____
0670	646.8120 Marking Curb Epoxy	60.000 LF	_____.____	_____.____
0672	646.8220 Marking Island Nose Epoxy	6.000 EACH	_____.____	_____.____
0674	646.9000 Marking Removal Line 4-Inch	217,403.000 LF	_____.____	_____.____
0676	646.9100 Marking Removal Line 8-Inch	28,782.000 LF	_____.____	_____.____
0678	646.9200 Marking Removal Line Wide	3,567.000 LF	_____.____	_____.____
0680	646.9300 Marking Removal Special Marking	10.000 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
0682	652.0125 Conduit Rigid Metallic 2-Inch	229.000 LF	_____.____	_____.____
0684	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	36,083.000 LF	_____.____	_____.____
0686	652.0230 Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	110.000 LF	_____.____	_____.____
0688	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	4,943.000 LF	_____.____	_____.____
0690	652.0605 Conduit Special 2-Inch	280.000 LF	_____.____	_____.____
0692	652.0615 Conduit Special 3-Inch	4,188.000 LF	_____.____	_____.____
0694	652.0700.S Install Conduit into Existing Item	20.000 EACH	_____.____	_____.____
0696	652.0800 Conduit Loop Detector	375.000 LF	_____.____	_____.____
0698	653.0135 Pull Boxes Steel 24x36-Inch	9.000 EACH	_____.____	_____.____
0700	653.0140 Pull Boxes Steel 24x42-Inch	69.000 EACH	_____.____	_____.____
0702	653.0222 Junction Boxes 18x12x6-Inch	23.000 EACH	_____.____	_____.____
0704	653.0905 Removing Pull Boxes	120.000 EACH	_____.____	_____.____
0706	654.0101 Concrete Bases Type 1	8.000 EACH	_____.____	_____.____
0708	654.0102 Concrete Bases Type 2	3.000 EACH	_____.____	_____.____
0710	654.0105 Concrete Bases Type 5	44.000 EACH	_____.____	_____.____
0712	654.0106 Concrete Bases Type 6	8.000 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
0714	654.0110 Concrete Bases Type 10	5.000 EACH	_____.____	_____.____
0718	654.0120 Concrete Bases Type 10-Special	8.000 EACH	_____.____	_____.____
0720	654.0230 Concrete Control Cabinet Bases Type L30	4.000 EACH	_____.____	_____.____
0722	654.1239 Concrete Control Cabinet Bases ITS	1.000 EACH	_____.____	_____.____
0724	655.0230 Cable Traffic Signal 5-14 AWG	3,160.000 LF	_____.____	_____.____
0726	655.0240 Cable Traffic Signal 7-14 AWG	1,154.000 LF	_____.____	_____.____
0728	655.0250 Cable Traffic Signal 9-14 AWG	603.000 LF	_____.____	_____.____
0730	655.0260 Cable Traffic Signal 12-14 AWG	904.000 LF	_____.____	_____.____
0732	655.0270 Cable Traffic Signal 15-14 AWG	1,207.000 LF	_____.____	_____.____
0734	655.0280 Cable Traffic Signal 19-14 AWG	996.000 LF	_____.____	_____.____
0736	655.0305 Cable Type UF 2-12 AWG Grounded	4,695.000 LF	_____.____	_____.____
0738	655.0515 Electrical Wire Traffic Signals 10 AWG	20,762.000 LF	_____.____	_____.____
0740	655.0610 Electrical Wire Lighting 12 AWG	27,210.000 LF	_____.____	_____.____
0742	655.0615 Electrical Wire Lighting 10 AWG	2,200.000 LF	_____.____	_____.____
0744	655.0620 Electrical Wire Lighting 8 AWG	91,106.000 LF	_____.____	_____.____
0746	655.0625 Electrical Wire Lighting 6 AWG	73,414.000 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
0748	655.0630 Electrical Wire Lighting 4 AWG	566.000 LF	_____.____	_____.____
0750	655.0640 Electrical Wire Lighting 1 AWG	72.000 LF	_____.____	_____.____
0752	655.0700 Loop Detector Lead In Cable	2,475.000 LF	_____.____	_____.____
0754	655.0800 Loop Detector Wire	1,050.000 LF	_____.____	_____.____
0756	655.0900 Traffic Signal EVP Detector Cable	2,398.000 LF	_____.____	_____.____
0758	656.0201 Electrical Service Meter Breaker Pedestal (location) 0201. MB827	1.000 EACH	_____.____	_____.____
0760	656.0201 Electrical Service Meter Breaker Pedestal (location) 0301. Locust St & 8th St	1.000 EACH	_____.____	_____.____
0762	656.0201 Electrical Service Meter Breaker Pedestal (location) 0302. Locust St & 7th St	1.000 EACH	_____.____	_____.____
0764	656.0201 Electrical Service Meter Breaker Pedestal (location) 0303. Burleigh St & 8th St	1.000 EACH	_____.____	_____.____
0766	656.0201 Electrical Service Meter Breaker Pedestal (location) 0304. Burleigh St & 7th St	1.000 EACH	_____.____	_____.____
0768	656.0401 Electrical Service Main Lugs Only Meter Pedestal (location) 0101. HL-40-GA	1.000 EACH	_____.____	_____.____
0770	656.0401 Electrical Service Main Lugs Only Meter Pedestal (location) 0102. HL-40-CB	1.000 EACH	_____.____	_____.____
0772	656.0401 Electrical Service Main Lugs Only Meter Pedestal (location) 0103. HL-40-KF	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
0774	656.0401 Electrical Service Main Lugs Only Meter Pedestal (location) 0104. LCC-WR	1.000 EACH	_____.____	_____.____
0776	656.0501 Electrical Service Breaker Disconnect Box (location) 0201. S-40-463	1.000 EACH	_____.____	_____.____
0778	657.0100 Pedestal Bases	3.000 EACH	_____.____	_____.____
0780	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	60.000 EACH	_____.____	_____.____
0782	657.0322 Poles Type 5-Aluminum	35.000 EACH	_____.____	_____.____
0784	657.0327 Poles Type 6-Aluminum	8.000 EACH	_____.____	_____.____
0786	657.0347 Poles Type 9-Special	1.000 EACH	_____.____	_____.____
0788	657.0350 Poles Type 10	4.000 EACH	_____.____	_____.____
0790	657.0352 Poles Type 10-Special	7.000 EACH	_____.____	_____.____
0792	657.0381 Poles Type F	48.000 EACH	_____.____	_____.____
0794	657.0420 Traffic Signal Standards Aluminum 13-FT	2.000 EACH	_____.____	_____.____
0796	657.0425 Traffic Signal Standards Aluminum 15-FT	1.000 EACH	_____.____	_____.____
0798	657.0515 Monotube Arms 15-FT	1.000 EACH	_____.____	_____.____
0800	657.0530 Monotube Arms 30-FT	4.000 EACH	_____.____	_____.____
0808	657.0610 Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	35.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0810	657.0620 Luminaire Arms Single Member 6-Inch Clamp 4-FT	94.000 EACH	_____.____	_____.____
0812	658.0173 Traffic Signal Face 3S 12-Inch	40.000 EACH	_____.____	_____.____
0814	658.0174 Traffic Signal Face 4S 12-Inch	8.000 EACH	_____.____	_____.____
0816	658.0412 Pedestrian Signal Face 12-Inch	24.000 EACH	_____.____	_____.____
0818	658.5070 Signal Mounting Hardware (location) 0301. Locust St & 8th St	1.000 EACH	_____.____	_____.____
0820	658.5070 Signal Mounting Hardware (location) 0302. Locust St & 7th St	1.000 EACH	_____.____	_____.____
0822	658.5070 Signal Mounting Hardware (location) 0303. Burleigh St & 8th St	1.000 EACH	_____.____	_____.____
0824	658.5070 Signal Mounting Hardware (location) 0304. Burleigh St & 7th St	1.000 EACH	_____.____	_____.____
0826	659.0601 Underdeck Lighting (structure) 0101. N. Halyard St.	1.000 EACH	_____.____	_____.____
0828	659.0601 Underdeck Lighting (structure) 0102. W. North Ave.	1.000 EACH	_____.____	_____.____
0830	659.0601 Underdeck Lighting (structure) 0103. W. Wright St.	1.000 EACH	_____.____	_____.____
0832	659.0601 Underdeck Lighting (structure) 0104. W. Center St.	1.000 EACH	_____.____	_____.____
0834	659.0601 Underdeck Lighting (structure) 0105. W. Locust St.	1.000 EACH	_____.____	_____.____
0836	659.0601 Underdeck Lighting (structure) 0106. W. Burleigh St.	1.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0838	659.0601 Underdeck Lighting (structure) 0107. W. Keefe Ave.	1.000 EACH	_____.____	_____.____
0840	659.0601 Underdeck Lighting (structure) 0108. W. Atkinson Ave.	1.000 EACH	_____.____	_____.____
0842	659.0601 Underdeck Lighting (structure) 0109. N Martin Luther King Jr Dr	1.000 EACH	_____.____	_____.____
0844	659.0601 Underdeck Lighting (structure) 0110. W Capitol Dr	1.000 EACH	_____.____	_____.____
0846	659.1120 Luminaires Utility LED B	60.000 EACH	_____.____	_____.____
0848	659.1130 Luminaires Utility LED D	98.000 EACH	_____.____	_____.____
0850	659.1210 Luminaires Underdeck LED B	32.000 EACH	_____.____	_____.____
0852	659.2230 Lighting Control Cabinets 240/480 30-Inch	4.000 EACH	_____.____	_____.____
0854	659.5000.S Lamp, Ballast, LED, Switch Disposal by Contractor	267.000 EACH	_____.____	_____.____
0856	661.0201 Temporary Traffic Signals for Intersections (location) 0301. Locust St & 8th St	1.000 EACH	_____.____	_____.____
0858	661.0201 Temporary Traffic Signals for Intersections (location) 0302. Locust St & 7th St	1.000 EACH	_____.____	_____.____
0860	670.0101 Field System Integrator	2.000 EACH	_____.____	_____.____
0862	670.0201 ITS Documentation	2.000 EACH	_____.____	_____.____
0864	671.0142 Conduit HDPE 4-Duct 2-Inch	7,380.000 LF	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0866	671.0222 Conduit HDPE Directional Bore 2-Duct 2-Inch	445.000 LF	_____.____	_____.____
0868	671.0242 Conduit HDPE Directional Bore 4-Duct 2-Inch	2,470.000 LF	_____.____	_____.____
0870	673.0105 Communication Vault Type 1	11.000 EACH	_____.____	_____.____
0872	673.0200 Tracer Wire Marker Posts	11.000 EACH	_____.____	_____.____
0874	673.1200.S Install ITS Field Cabinet	1.000 EACH	_____.____	_____.____
0876	673.1225.S Install Pole Mounted Cabinet	2.000 EACH	_____.____	_____.____
0878	674.0200 Cable Microwave Detector	7,655.000 LF	_____.____	_____.____
0880	674.0300 Remove Cable	17,865.000 LF	_____.____	_____.____
0882	675.0100 Install Controller Ramp Meter Processor Assembly	1.000 EACH	_____.____	_____.____
0884	675.0300 Install Mounted Controller Microwave Detector Assembly	30.000 EACH	_____.____	_____.____
0886	677.0150 Install Camera Pole 50-FT	2.000 EACH	_____.____	_____.____
0888	677.0200 Install Camera Assembly	2.000 EACH	_____.____	_____.____
0890	677.9051.S Removing 50-FT Camera Pole	1.000 EACH	_____.____	_____.____
0892	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	6,945.000 LF	_____.____	_____.____
0894	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	9,540.000 LF	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0896	678.0100.S Install Overhead Freeway DMS Full Matrix	1.000 EACH	_____.____	_____.____
0898	678.0200 Fiber Optic Splice Enclosure	11.000 EACH	_____.____	_____.____
0900	678.0300 Fiber Optic Splice	404.000 EACH	_____.____	_____.____
0902	678.0400 Fiber Optic Termination	48.000 EACH	_____.____	_____.____
0904	678.0501 Communication System Testing	2.000 EACH	_____.____	_____.____
0906	678.0600 Install Ethernet Switches	5.000 EACH	_____.____	_____.____
0908	690.0150 Sawing Asphalt	3,899.000 LF	_____.____	_____.____
0910	690.0250 Sawing Concrete	51,457.000 LF	_____.____	_____.____
0912	715.0603 Incentive Strength Concrete Barrier	9,110.000 DOL	1.00000	9,110.00
0914	715.0720 Incentive Compressive Strength Concrete Pavement	1,070.000 DOL	1.00000	1,070.00
0916	740.0440 Incentive IRI Ride	30,900.000 DOL	1.00000	30,900.00
0918	ASP.1.1PA On-the-Job Training Pre-Apprentice at $5.00/HR	5,000.000 HRS	5.00000	25,000.00
0920	ASP.1.1PAA On-the-Job Training Pre-Apprentice with Advancement at $10.00/HR	1,500.000 HRS	10.00000	15,000.00
0922	ASP.1T0A On-the-Job Training Apprentice at $5.00/HR	6,300.000 HRS	5.00000	31,500.00
0924	ASP.1T0G On-the-Job Training Graduate at $5.00/HR	14,400.000 HRS	5.00000	72,000.00

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0926	SPV.0055 Special 0001. Core Pilot Project; Incentive Density PWL HMA Pavement	15,310.000 DOL	1.00000	15,310.00
0928	SPV.0055 Special 0002. Core Pilot Project; Incentive Air Voids HMA Pavement	71,410.000 DOL	1.00000	71,410.00
0930	SPV.0055 Special 0003. Core Pilot Project; Incentive Density HMA Pavement Longitudinal Joints	6,800.000 DOL	1.00000	6,800.00
0932	SPV.0060 Special 0001. Baseline CPM Progress Schedule	1.000 EACH	_____.____	_____.____
0934	SPV.0060 Special 0002. Monthly CPM Progress Schedule Updates	36.000 EACH	_____.____	_____.____
0936	SPV.0060 Special 0003. Field Facilities Office Space	1.000 EACH	_____.____	_____.____
0938	SPV.0060 Special 0004. Fastening Sewer Access Covers	160.000 EACH	_____.____	_____.____
0940	SPV.0060 Special 0009. Mobilizations Emergency Pavement Repair	10.000 EACH	_____.____	_____.____
0942	SPV.0060 Special 0010. Survey Project 1228-22-70	1.000 EACH	_____.____	_____.____
0944	SPV.0060 Special 0011. Utility Line Opening (ULO)	20.000 EACH	_____.____	_____.____
0946	SPV.0060 Special 0012. Emergency Response to Traffic Incident Involving Conc Barrier Temporary	40.000 EACH	_____.____	_____.____
0948	SPV.0060 Special 0013. Emergency Response to Traffic Incident Involving Crash Cushions	10.000 EACH	_____.____	_____.____
0954	SPV.0060 Special 0016. Traffic Control Close-Open Freeway Entrance Ramp	60.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0956	SPV.0060 Special 0017. Traffic Control Full Freeway Closure	50.000 EACH	_____.____	_____.____
0958	SPV.0060 Special 0018. Migratory Bird Nest Inspection B-40-207	1.000 EACH	_____.____	_____.____
0960	SPV.0060 Special 0050. Pipe Connection to Existing Structure	11.000 EACH	_____.____	_____.____
0962	SPV.0060 Special 0080. Adjusting Water Valve Boxes	6.000 EACH	_____.____	_____.____
0964	SPV.0060 Special 0081. Adjusting Water Manholes	6.000 EACH	_____.____	_____.____
0966	SPV.0060 Special 0101. Maintenance of Lighting System (1228-22-70)	1.000 EACH	_____.____	_____.____
0968	SPV.0060 Special 0102. Lighting System Integrator (1228-22-70)	1.000 EACH	_____.____	_____.____
0970	SPV.0060 Special 0103. Lighting System Survey (1228-22-70)	1.000 EACH	_____.____	_____.____
0972	SPV.0060 Special 0104. Wood Pole Lighting 60-Foot	68.000 EACH	_____.____	_____.____
0974	SPV.0060 Special 0105. Wood Pole 60-Foot	9.000 EACH	_____.____	_____.____
0976	SPV.0060 Special 0106. Removing Poles Wood 60-Foot And Floodlights	68.000 EACH	_____.____	_____.____
0978	SPV.0060 Special 0107. Removing Poles Wood 60-Foot	9.000 EACH	_____.____	_____.____
0980	SPV.0060 Special 0108. Luminaires Floodlight 400W HPS	75.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0982	SPV.0060 Special 0109. Removing Electrical Service Meter Breaker Pedestal Lighting	4.000 EACH	_____.____	_____.____
0984	SPV.0060 Special 0110. Remove and Salvage Street Lighting Unit	23.000 EACH	_____.____	_____.____
0986	SPV.0060 Special 0111. Remove Existing Wood Pole	1.000 EACH	_____.____	_____.____
0988	SPV.0060 Special 0112. Pull Box 13-Inch x 24-Inch x 24-Inch	13.000 EACH	_____.____	_____.____
0990	SPV.0060 Special 0113. Pull Box 17-Inch x 30-Inch x 24-Inch	2.000 EACH	_____.____	_____.____
0992	SPV.0060 Special 0114. Installing Luminaire Arms Steel 15-FT	9.000 EACH	_____.____	_____.____
0994	SPV.0060 Special 0115. Pole Type 30-AL-BD	19.000 EACH	_____.____	_____.____
0996	SPV.0060 Special 0116. Water Tight Splice & Connections	34.000 EACH	_____.____	_____.____
0998	SPV.0060 Special 0117. Luminaire Arm Single Member 8-Ft. (Special)	24.000 EACH	_____.____	_____.____
1000	SPV.0060 Special 0118. Installing City-Furnished Luminaire Utility LED	33.000 EACH	_____.____	_____.____
1002	SPV.0060 Special 0150. 5’ Diameter “Doghouse” Manhole Type CUC	4.000 EACH	_____.____	_____.____
1004	SPV.0060 Special 0151. Removing CUC Manhole	4.000 EACH	_____.____	_____.____
1006	SPV.0060 Special 0152. Underdeck Utility Structure B-40-206	1.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1008	SPV.0060 Special 0153. Underdeck Utility Structure B-40-207	1.000 EACH	_____.____	_____.____
1010	SPV.0060 Special 0160. Suspended Galvanized Steel Conduit Package Cleaning, Coating and Painting	1.000 EACH	_____.____	_____.____
1012	SPV.0060 Special 0161. Suspended Galvanized Steel Conduit Repair	3.000 EACH	_____.____	_____.____
1014	SPV.0060 Special 0162. Pull Ropes Anchored to Manholes	2.000 EACH	_____.____	_____.____
1016	SPV.0060 Special 0205. Speed Warning Sign System	1.000 EACH	_____.____	_____.____
1018	SPV.0060 Special 0206. Install Speed Warning System DMS	3.000 EACH	_____.____	_____.____
1020	SPV.0060 Special 0207. Salvaging Overhead Freeway DMS	1.000 EACH	_____.____	_____.____
1022	SPV.0060 Special 0210. Temporary Poles Wood 40-FT	3.000 EACH	_____.____	_____.____
1024	SPV.0060 Special 0211. Temporary Vehicle Detector Assembly	3.000 EACH	_____.____	_____.____
1026	SPV.0060 Special 0213. Ground Rod	18.000 EACH	_____.____	_____.____
1028	SPV.0060 Special 0214. Relocating Temporary Vehicle Detector Assembly	6.000 EACH	_____.____	_____.____
1030	SPV.0060 Special 0215. Refocus Vehicle Detector Assembly	35.000 EACH	_____.____	_____.____
1032	SPV.0060 Special 0216. Install Ethernet Radio	3.000 EACH	_____.____	_____.____

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1034	SPV.0060 Special 0219. Signal Assembly Advance Flasher Type 2	1.000 EACH	_____.____	_____.____
1036	SPV.0060 Special 0224. Signal Assembly Ramp Control Sidemount	7.000 EACH	_____.____	_____.____
1038	SPV.0060 Special 0301. Fiberglass/Polymer Concrete Pull Box 17-Inch X 30-Inch X 24-Inch	34.000 EACH	_____.____	_____.____
1040	SPV.0060 Special 0302. Install Precast Control Cabinet Base	4.000 EACH	_____.____	_____.____
1042	SPV.0060 Special 0303. ATC Controller and Cabinet Installed	4.000 EACH	_____.____	_____.____
1044	SPV.0060 Special 0304. Vehicular Video Detection System - 2 Cameras	2.000 EACH	_____.____	_____.____
1046	SPV.0060 Special 0305. EVP 1 Channel 1 Direction Infrared Detector	12.000 EACH	_____.____	_____.____
1048	SPV.0060 Special 0306. EVP Confirmation Light	12.000 EACH	_____.____	_____.____
1050	SPV.0060 Special 0307. EVP Phase Selector Card 4 Channel	4.000 EACH	_____.____	_____.____
1052	SPV.0060 Special 0308. Fiber Optic Patch Panel 8-Count St	2.000 EACH	_____.____	_____.____
1054	SPV.0060 Special 0309. Ethernet Switch	4.000 EACH	_____.____	_____.____
1056	SPV.0060 Special 0310. Pedestrian Countdown Signal Face 12-inch	24.000 EACH	_____.____	_____.____
1058	SPV.0060 Special 0311. Cellular Modem	2.000 EACH	_____.____	_____.____
1060	SPV.0060 Special 0312. Wireless Antenna	2.000 EACH	_____.____	_____.____

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1062	SPV.0060 Special 0313. SFP	16.000 EACH	_____.____	_____.____
1064	SPV.0060 Special 0314. Fiber Optic Splice Enclosure	1.000 EACH	_____.____	_____.____
1066	SPV.0060 Special 0400. Embedded Galvanic Anodes	2,803.000 EACH	_____.____	_____.____
1068	SPV.0060 Special 0401. Heat Straightening of Damaged Girders	5.000 EACH	_____.____	_____.____
1070	SPV.0075 Special 0001. Pavement Cleanup Project	1,500.000 HRS	_____.____	_____.____
1072	SPV.0090 Special 0001. Marking Contrast Epoxy 4-Inch	39,747.000 LF	_____.____	_____.____
1074	SPV.0090 Special 0002. Marking Contrast Epoxy 8-Inch	9,052.000 LF	_____.____	_____.____
1076	SPV.0090 Special 0101. Cable Aerial Aluminum 6 AWG Quadruplex	8,984.000 LF	_____.____	_____.____
1078	SPV.0090 Special 0102. Cable Aerial Aluminum 4 AWG Quadruplex	2,987.000 LF	_____.____	_____.____
1080	SPV.0090 Special 0111. Electrical Cable in Duct Type 4#8/1#8 XLPE	2,539.000 LF	_____.____	_____.____
1082	SPV.0090 Special 0112. Electrical Cable in Duct Type 4#6/1#8 XLPE	1,680.000 LF	_____.____	_____.____
1084	SPV.0090 Special 0113. Electrical Cable in Duct Type 4#4/1#8 XLPE	612.000 LF	_____.____	_____.____
1086	SPV.0090 Special 0150. 8-Duct Conduit, Cement Encased, 4-Inch Rigid Nonmetallic Conduit DB-60	109.000 LF	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1088	SPV.0090 Special 0151. 4-Duct Conduit, Cement Encased, 4-Inch Rigid Nonmetallic Conduit DB-60	82.000 LF	_____.____	_____.____
1090	SPV.0090 Special 0152. 2-Duct Conduit Cement Encased 4-Inch Rigid Nonmetallic Conduit DB-60	383.000 LF	_____.____	_____.____
1092	SPV.0090 Special 0201. Outdoor Rated Network Cable	420.000 LF	_____.____	_____.____
1094	SPV.0090 Special 0400. Fencing Repair	50.000 LF	_____.____	_____.____
1096	SPV.0165 Special 0001. Wall Modular Block Mechanically Stabilized Earth	1,445.000 SF	_____.____	_____.____
1098	SPV.0165 Special 0400. Removing Loose Concrete Overhead	104.000 SF	_____.____	_____.____
1100	SPV.0165 Special 0401. Fiber Wrap Reinforcing Non-structural	1,019.000 SF	_____.____	_____.____
1102	SPV.0180 Special 0001. Resin Binder High Friction Surface Treatment Modified	88,265.000 SY	_____.____	_____.____
1104	SPV.0180 Special 0002. Removing Concrete Rumble Strips	160.000 SY	_____.____	_____.____
1106	SPV.0180 Special 0400. Methacrylate Flood Seal	1,382.000 SY	_____.____	_____.____
1108	SPV.0195 Special 0002. HMA Longitudinal Joint Repair	2,280.000 TON	_____.____	_____.____
1110	204.9060.S Removing (item description) 0001. Temporary Precast Trench Drain	478.000 EACH	_____.____	_____.____
1112	603.0405 Concrete Barrier Transition Section 32-Inch	34.000 LF	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1114	603.1332 Concrete Barrier Type S32B	26.000 LF	_____.____	_____.____
1116	603.1342 Concrete Barrier Type S42B	114.000 LF	_____.____	_____.____
1118	603.3311 Concrete Barrier Transition Type NJ32DF to S32	1.000 EACH	_____.____	_____.____
1120	643.1200.S Portable Automated Real-Time Traffic Queue Warning System	330.000 DAY	_____.____	_____.____
1122	643.3550 Temporary Marking Arrow Removable Tape	2.000 EACH	_____.____	_____.____
1124	643.3850 Temporary Marking Stop Line Removable Tape 18-Inch	22.000 LF	_____.____	_____.____
1126	657.0536 Monotube Arms 35-FT-Special	5.000 EACH	_____.____	_____.____
1128	657.0541 Monotube Arms 40-FT-Special	2.000 EACH	_____.____	_____.____
1130	657.0546 Monotube Arms 45-FT-Special	1.000 EACH	_____.____	_____.____
1132	SPV.0060 Special 0019. Concrete Barrier Transition Type V32 to S32A	5.000 EACH	_____.____	_____.____
1134	SPV.0060 Special 0020. Concrete Barrier Transition Type V42 to S42A	13.000 EACH	_____.____	_____.____
1136	SPV.0060 Special 0021. Concrete Barrier Transition Type S56 to S32A	1.000 EACH	_____.____	_____.____
1138	SPV.0060 Special 0022. Concrete Barrier Transition Type S56 to S42A	4.000 EACH	_____.____	_____.____
1140	SPV.0060 Special 0023. Concrete Barrier Transition Type V56 to S32A	2.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1142	SPV.0060 Special 0024. Concrete Barrier Transition Type V56 to S42A	9.000 EACH	_____.____	_____.____
1144	SPV.0060 Special 0025. Concrete Barrier Transition Type S32A to S42A	15.000 EACH	_____.____	_____.____
1146	SPV.0060 Special 0026. Concrete Barrier Transition Type V51 to S56 Special	1.000 EACH	_____.____	_____.____
1148	SPV.0060 Special 0027. Concrete Barrier Transition Type V56 to V42 Special	1.000 EACH	_____.____	_____.____
1150	SPV.0060 Special 0028. Concrete Barrier Transition Type V42 to S56A	1.000 EACH	_____.____	_____.____
1152	SPV.0060 Special 0019. Concrete Barrier Transition Type V56 to V56 Special I	1.000 EACH	_____.____	_____.____
1154	SPV.0060 Special 0030. Concrete Barrier Transition Type V56 to V56 Special II	1.000 EACH	_____.____	_____.____
1156	SPV.0060 Special 0031. Concrete Barrier Transition Type V32 to S42A	1.000 EACH	_____.____	_____.____
1158	SPV.0060 Special 0032. Concrete Barrier Type S42A Light Pole Base	45.000 EACH	_____.____	_____.____
1160	SPV.0060 Special 0033. Concrete Barrier Type V42 Light Pole Base	1.000 EACH	_____.____	_____.____
1162	SPV.0060 Special 0034. Concrete Barrier Type V42 Special Light Pole Base	1.000 EACH	_____.____	_____.____
1164	SPV.0060 Special 0035. Moving State Furnished Signs	2.000 EACH	_____.____	_____.____
1166	SPV.0060 Special 0036. Install State Furnished Signs	2.000 EACH	_____.____	_____.____

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1168	SPV.0060 Special 0037. Cleaning Drainage Structures	40.000 EACH	_____._____	_____._____
1170	SPV.0060 Special 0402. Ultrasonic Impact Treatment Procedure	336.000 EACH	_____._____	_____._____

Section: 0001 Total: _____._____

Total Bid: _____._____