



Wisconsin Department of Transportation

April 9, 2021

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

NOTICE TO ALL CONTRACTORS:

Proposal #26: 1228-22-71, WISC 2021228
North-South Freeway
Capitol Drive to 2100' N of Hampton Ave.
IH-43
Milwaukee County

Letting of April 13, 2021

This is Addendum No.02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress

Added Special Provisions	
Article No.	Description
172	Basic Traffic Queue Warning System, Item 643.1205.S.
173	Waterway Buoys, Item SPV.0045.0002.
174	Removing Municipal Lighting Units, Item SPV.0060.1013.
175	Salvage Municipal Lighting Units, Item SPV.0060.1014.
176	Install Salvaged Municipal Lighting Unit, Item SPV.0060.1015.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0100	Excavation Common	CY	183,854	14,047	197,901
208.0100	Borrow	CY	70,968	9,250	80,218
312.0110	Select Crushed Material	TON	97,793	31,749	129,542
606.0200	Riprap Medium	CY	65	23	88
627.0200	Mulching	SY	2,766	716	3,482
628.1504	Silt Fence	LF	19,906	1,413	21,319
628.1520	Silt Fence Maintenance	LF	19,906	1,413	21,319

628.2004	Erosion Mat Class I Type B	SY	16,439	52,594	69,033
628.2027	Erosion Mat Class II Type C	SY	82,765	-37,060	45,705
628.7005	Inlet Protection Type A	EACH	595	-89	506
628.7020	Inlet Protection Type D	EACH	697	-90	607
628.7504	Temporary Ditch Checks	LF	15	1,072	1,087
629.0210	Fertilizer Type B	CWT	38	3	41
630.0120	Seeding Mixture No. 20	LB	2,428	188	2,616
630.0500	Seed Water	MGAL	1,346	348	1,694
646.9010	Marking Removal Line Water Blasting 4-inch	LF	309,822	11,052	320,874
649.0120	Temporary Marking Line Epoxy 4-inch	LF	392,385	15,153	407,538
649.0760	Temporary Marking Raised Pavement Marker Type 1	EACH	1,025	337	1,362
SPV.0180.0301	Topsoil Special	SY	59,939	15,508	75,447

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
603.8500	Anchoring Concrete Barrier Temporary Precast	LF	0	23,935	23,935
603.8505	Anchoring Concrete Barrier Temporary Precast On Bridge Decks	LF	0	1,811	1,811
618.0100	Maintenance and Repair of Haul Roads (1228-22-71)	EACH	0	1	1
629.0205	Fertilizer Type A	CWT	0	5	5
630.0140	Seeding Mixture No. 40	LB	0	338	338
643.1200.S	Portable Automated Real-Time Traffic Queue Warning System	DAY	0	455	455
645.0130	Geotextile Type R	SY	0	66	66
SPV.0045.0002	Water Buoys	DAY	0	25,194	25,194

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
312.0115	Select Crushed Material	CY	16,710	-16,710	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
180-194	Erosion Control
361, 363, 364	TC Stage 1
374, 375, 382	TC, Stage 2
402, 403, 407C	TC, Stage 2C1
413, 415,	TC, Stage 2C2

416, 420C	
425- 429, 431- 433, 433C	TC Stage 2D, Added Note for QWS
438- 439	TC Stage 3A, Added raised pavement markers and solid centerline
441- 442	TC Stage 3A, Added raised pavement markers and solid centerline
446C	TC Stage 3A, Added Note for QWS
453	TC Stage 3B, Added raised pavement markers and solid centerline
460C	TC Stage 3B, Added Note for QWS
474	TC Stage 4, Added Note for nighttime closure on Ramp GBA2
477- 478	TC Stage 4, Added raised pavement markers and solid centerline
483- 484	TC Stage 4, Added raised pavement markers and solid centerline
485C	TC Stage 4, Added raised pavement markers and Note for QWS
498C	TC Stage 5, Added Note for QWS
507- 509	Temporary Causeways, Updated typical width of causeway and removed fingers to Ramp HAB
566	Roadway MQ's, Updated earthwork table to include the Oak Leaf Pond, and corrected calculation error.
567- 568	Roadway MQ's, Updated quantities to be included in Ton item
581- 587	Roadway MQ's, Updated erosion control quantities to reflect plan updates
602	Roadway MQ's, Added item for anchoring barrier
604- 605	Traffic Control MQ's, Updated Temp Pavement Markings and added QWS

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
64A	Construction Details, Added construction detail for Temporary Settling Basin
179A, 185A, 185B	Erosion Control Stage 1, Sheets added to keep consistent with other stages
509A	Waterway Marker Placement, Added sheet to display placement of waterway markers
580A	Roadway MQ's, Added two new items and Stage 1 MQ table for erosion control items
602A	Roadway MQ's, Added item for anchoring barrier

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. 02

1228-22-71

April 9, 2021

Special Provisions

3. Prosecution and Progress.

Add the following to the end of section titled I Local Street Work Restrictions:

The Oak Leaf Trail may be closed for intermittently for a total of approximately 10 weeks in order to demolish the existing bridge, set girders, and pour the concrete deck. During that time, trail traffic will be detoured per the plan. Keep the Oak Leaf trail open to trail traffic via temporary trail or on-street accommodations at all other times. Notify Milwaukee County in advance of closure.

Add the following after paragraph 2 of Section J All Work Restrictions:

Complete all work necessary to remove the Temporary Causeways in the Milwaukee River and restore the site by December 14, 2022.

172. Basic Traffic Queue Warning System, Item 643.1205.S.

A Description

This special provision describes providing, repositioning, operating, maintaining, monitoring, calibrating, testing and removing a basic traffic queue warning system (QWS) capable of measuring vehicular speeds at downstream sections of a roadway, and activating the system.

B Materials

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

B.1 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.

B.2 Static Traffic Control Signs with Temporary Flashing Beacon Signs (FBS)

Provide static traffic control signs with temporary flashing beacon signs conforming to standard spec 658.2(2) for Traffic Signal Faces. Ensure each FBS 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 conditions.

B.3 Automated System Manager (ASM)

Provide an ASM that assesses current traffic data captured by the PTS and activates/deactivates the FBS based on predetermined speed thresholds.

B.4 System Communications

Ensure Basic Traffic QWS communications meet the following requirements:

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

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 Basic Traffic 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 FBS, 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 or on FBS #3.
3. Place third PTS 2 miles upstream of the lane closure taper or on FBS #2.

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

1. Place first FBS (FBS #3) 5,700 feet upstream of the lane closure taper.
2. Place second FBS (FBS #2) 2 miles upstream of the lane closure taper.
3. Place third FBS (FBS #1) 3 miles upstream of the lane closure taper.

If there are more than 2 lanes or specified in the plans, place FBS on both sides of the roadway.

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 Basic Traffic QWS and demonstrate to the Department that the Basic Traffic QWS is operational.

Maintain the Basic Traffic 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 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 Basic Traffic 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 FBS to reflect current traffic flow status updated every 60 seconds for congestion. 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 FBS activate based on pre-determined speed thresholds from the next downstream sensor.
 - FBS #3 shall activate based on traffic speeds at the PTS located within the lane closure taper.
 - FBS #2 shall activate based on traffic speeds at the PTS located approximately 1 mile upstream of lane closure taper, or at FBS #3.
 - FBS #1 shall activate based on traffic speeds at the PTS located 2 miles upstream of lane closure taper, or at FBS #2.
4. 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
 - FBS triggers
 - Device locations
5. Archive all traffic data in a Microsoft Excel format with date and time stamps.
6. Configure the website to quantify system failures which includes communication disruption between any devices in the system configuration, FBS malfunctioning, PTS malfunction, loss of power, low battery, etc.
7. Automatically generate and send an email alert any time a user specified queue is detected by the system.
8. Ensure the system autonomously restarts in case of any power failure.

C.4.2 System Operation Strategy

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

The sequences below are a minimum requirement, but can be adjusted at the discretion of the engineer, are as follows:

Free Flow:

If the current PTS speed on a downstream section is at or above 40 mph, the next upstream FBS will not flash.

Slow or Stopped Traffic:

If the current PTS speed on a downstream section of the roadway is between the 39 mph and 0 mph (for example, 35 mph), the next upstream FBS shall flash.

C.5 Calibration and Testing

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

Send email of successful calibration and testing to the engineer.

D Measurement

The department will measure Basic 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
643.1205.S	Basic Traffic Queue Warning System	DAY

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

Failure to correct a deficiency to the FBS, 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 Basic Traffic QWS.
stp-643-046 (20210113)

173. Waterway Buoys, Item SPV.0045.0002.

A Description

This special provision describes furnishing, placing, maintaining, and removing waterway buoys, anchorages, flashing lights, and all other materials associated with this item, according to the pertinent requirements of the Wisconsin Department of Natural Resources. These requirements may be obtained on the internet at the following address:

<https://dnr.wi.gov/topic/boat/ordinances.html>

B Materials

Furnish buoys that are cylindrical in shape with a 7-inch minimum diameter and that extend a minimum of 36 inches above the waterline. Provide buoys of colors, markings and messages as shown in the plan and as specified in the Waterway Marker Permit and a flashing light adorning the buoy. Light colors shall be as shown in the plan or as specified in the Waterway Marker Permit.

C Construction

Place buoys as shown on the plan and as approved by the engineer. Place waterway buoys in the water prior to any in-stream work (demolition or construction), and keep in place until such work is completed and all in-water obstructions such as falsework are completely removed. Locations of navigation ways may need to be adjusted from that shown in the plans as directed by the engineer.

D Measurement

The department will measure Waterway Buoys by the day for the days which they are in the water, not to exceed the number of days for which the contractor is performing in-stream or overhead work. Acceptance of the waterway buoys and their placement shall be at the discretion of the engineer.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0045.0002	Waterway Buoy	DAY

Payment is full compensation for furnishing, placing, maintaining, removing, and for furnishing all labor, tools, equipment and incidentals necessary to complete the work.

174. Removing Municipal Lighting Units, Item SPV.0060.1013.

A Description

This special provision describes the removing lighting units as the plans show, conforming to standard spec 204, and as follows.

B Materials

Removed poles, breakaway devices, arms, and luminaires to be returned to City of Glendale. Contractor shall coordinate with the City Department of Public Works for removed pole, breakaway devices, arms, and luminaires drop off location.

All other removed material shall become the property of the contractor and be disposed off the project site.

C Construction

Remove Municipal lighting units consisting of pole, arm, luminaire, lamp, wires, breakaway device, and associated hardware and appurtenances.

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

D Measurement

The Department will measure Removing Lighting Units by each individual unit removed, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.1013	Removing Municipal Lighting Units	Each

175. Salvage Municipal Lighting Units, Item SPV.0060.1014.

A Description

This special provision describes salvaging an existing Municipal Lighting Units according to standard spec 655, 656, and 657, the Wisconsin Electrical Code, as shown on the plans and as hereinafter provided.

B Materials

Materials included are:

- Municipal Light Pole, Arms, and Luminaires.

C Construction

Remove pole at the location shown in the plans, or as directed by the engineer. Store the pole, arms, and luminaires in a safe and secure location until reinstalled on the project. Maintain all materials in a condition suitable for reutilization. Replace all items damaged during construction operations.

Electrical work under this item shall be completed by a journeyman electrician or be completed under the supervision of a journeyman electrician. Legal status or standing as a journeyman electrician shall be certified or otherwise documented to the engineer before any electrical work may begin.

D Measurement

The department will measure Salvage Municipal Lighting Units by each individual unit, acceptably 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.0060.1014	Salvage Municipal Lighting Units	Each

Payment is full compensation for removal and storage of the municipal light pole, arms and luminaires; disconnecting all wiring connections; removing all conduit connections; for any necessary restoration, including backfill, topsoil, and seeding.

176. Install Salvaged Municipal Lighting Unit, Item SPV.0060.1015.**A Description**

This special provision describes installing a salvaged Municipal Lighting Units and all necessary mounting hardware, according to standard spec 655, 656, and 657, the Wisconsin Electrical Code, as shown on the plans and as hereinafter provided.

B Materials

Materials included are:

- Municipal Light Pole, Arms and Luminaires.
- Installation Hardware

C Construction

Transport the salvaged pole, arms, and luminaires from its stored location to the project site. Install the salvaged pole and base as shown in the plans.

Electrical work under this item shall be completed by a journeyman electrician or be completed under the supervision of a journeyman electrician. Legal status or standing as a journeyman electrician shall be certified or otherwise documented to the engineer before any electrical work may begin.

D Measurement

The department will measure Install Salvaged Municipal Lighting Units by each individual 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.0060.1015	Install Salvaged Municipal Lighting Units	Each

Payment is full compensation for transportation of the salvaged Municipal Pole, Arms and Luminaires to the project location; installation of the Municipal Pole, Arms and Luminaires; furnishing all necessary hardware; making all wiring connections and conduit connections; and for any necessary restoration, including backfill, topsoil, and seeding.

Schedule of Items

Attached, dated April 9, 2021, are the revised Schedule of Items Pages 1 – 37.

Plan Sheets

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

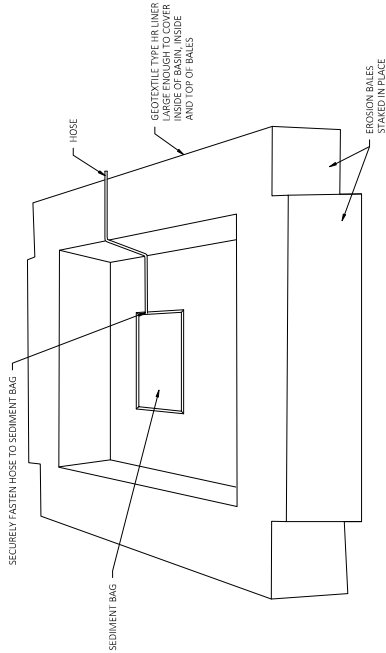
Revised: 180-194, 361, 363, 364, 374, 375, 382, 402, 403, 407C, 413, 415, 416, 420C, 425-429, 431-433, 433C, 438-439, 441-442, 446C, 453, 460C, 474, 477-478, 483-484, 485C, 498C, 507-509, 566, 567-568, 581-587, 602, 604-605

Added: 64A, 179A, 185A, 185B, 509A, 580A, 602A

END OF ADDENDUM

NOTES

1. CONTRACTOR SHALL PUMP TURBID WATER FROM EXCAVATION TO EXISTING DITCHES OR TO THE ENCLOSURE PRIOR TO DISCHARGING TO DITCHES/INLETS/WETLANDS OR WATERWAYS.
2. SEDIMENT BAG TO BE PLACED IN A UPR AND VEGETATED AREA OR EQUIVALENT LOCATION APPROVED BY THE ENGINEER.
3. BASIN TO BE KEPT LESS THAN 10% FULL OF SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NECESSARY AND IS INCIDENTAL TO CONTRACT.
4. TEMPORARY SETTLING BASIN AND SEDIMENT BAG TO BE INCIDENTAL TO CONTRACT.
5. SEDIMENT BAG BALES AND FABRIC TO BE REPLACED AS NECESSARY AND IS INCIDENTAL TO CONTRACT.
6. SIZE TO BE DETERMINED BY THE CONTRACTOR AS PART OF THE EOP SUBMITTAL.



TEMPORARY SETTLING BASIN DETAIL

Addendum No. 02
ID 1228-22-71
Added Sheet 64A
April 9, 2021

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

CONSTRUCTION DETAILS

SHEET 64A

E

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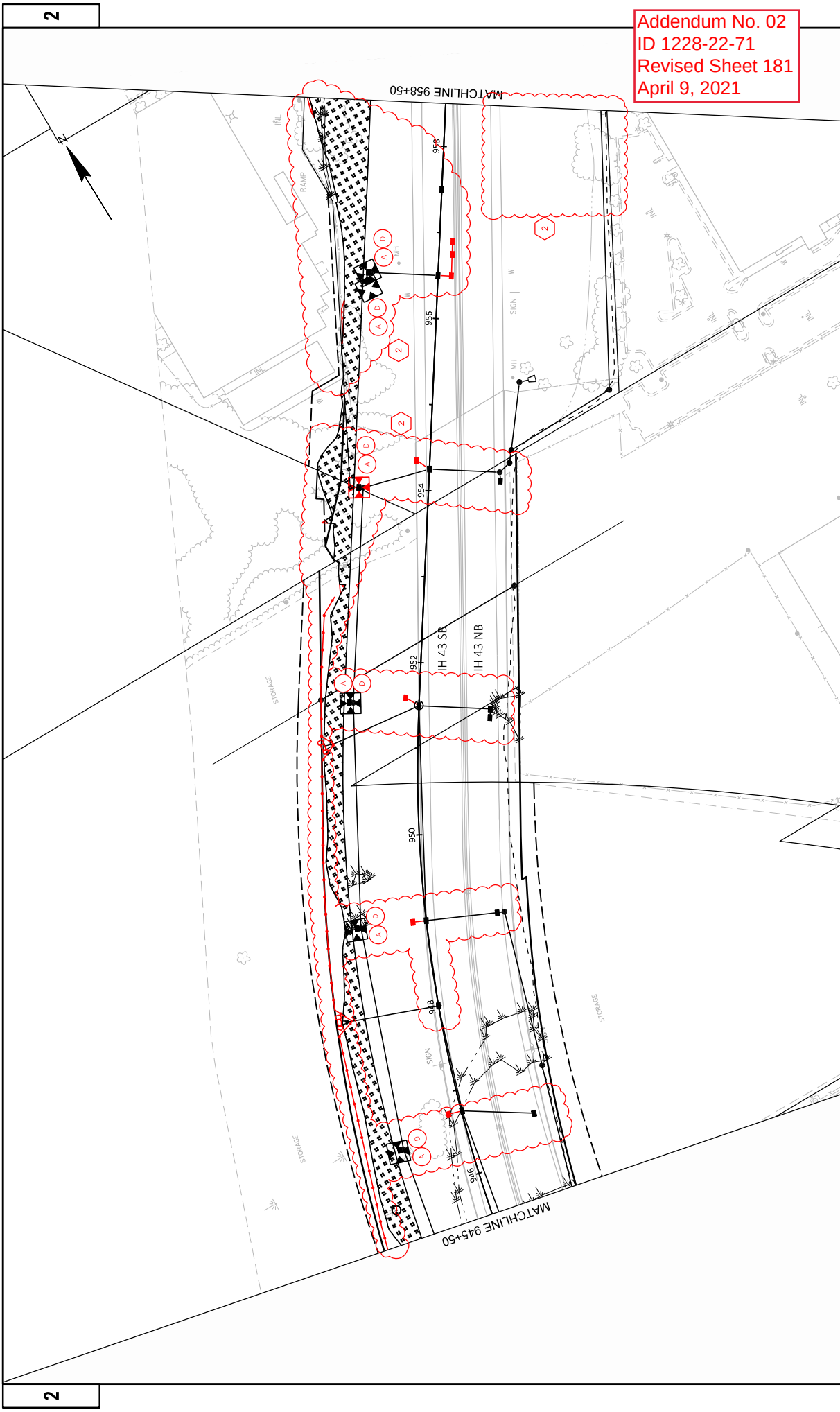
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PLOT BY: FERGUSON, JULIE

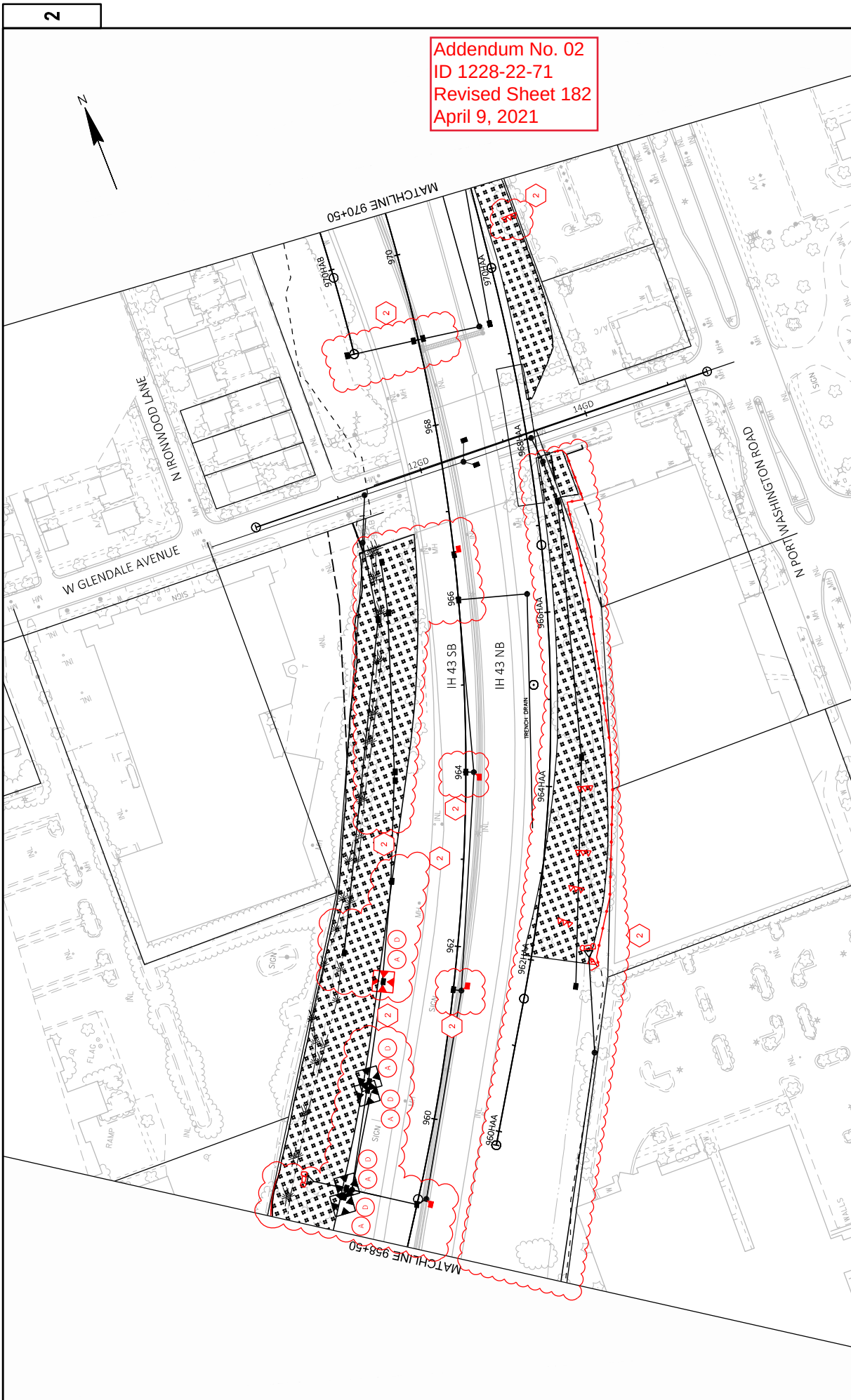
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WISDOT/CADD/SHEET 42



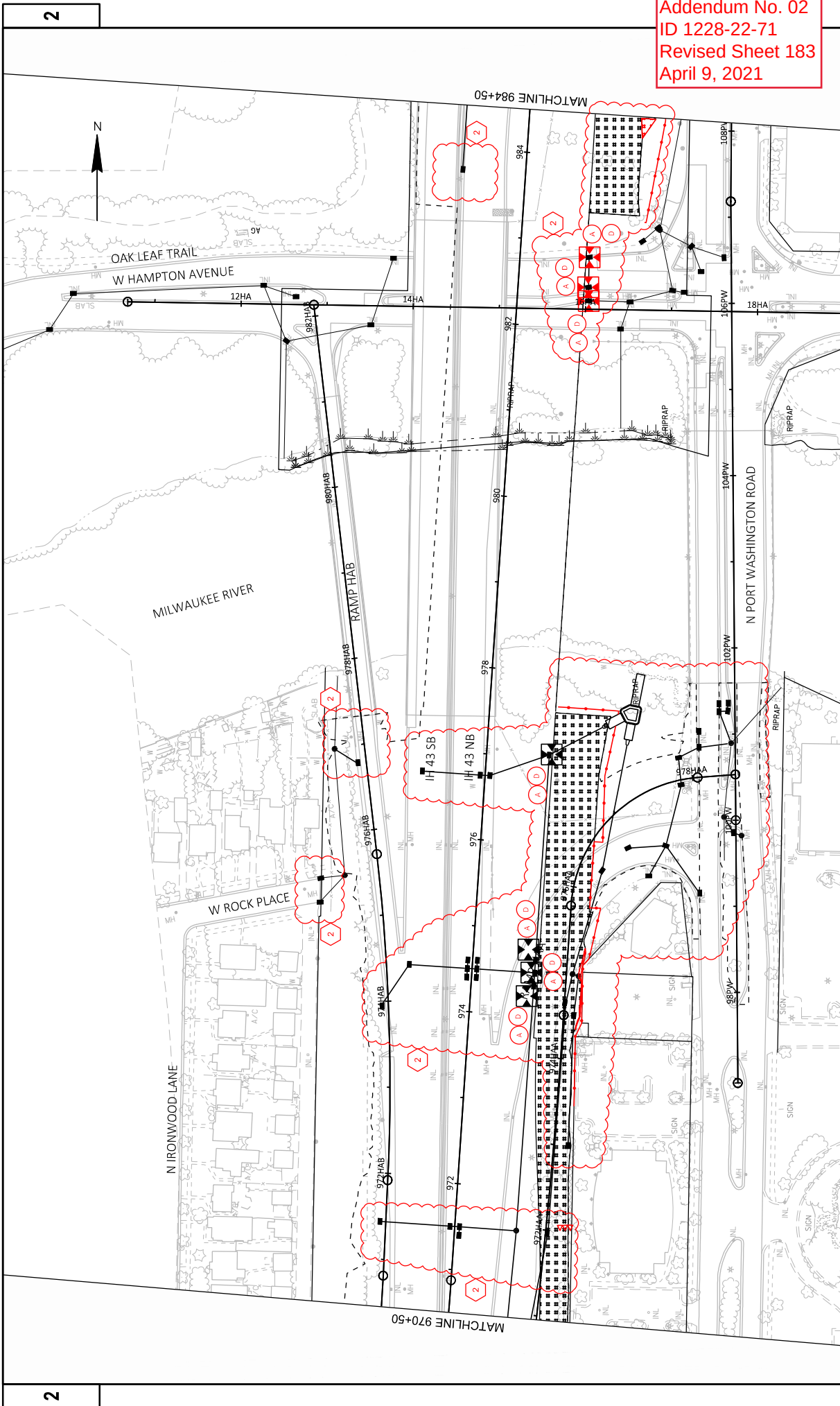
Addendum No. 02
ID 1228-22-71
Revised Sheet 181
April 9, 2021

PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE	EROSION CONTROL - STAGE 1	SHEET 181	E
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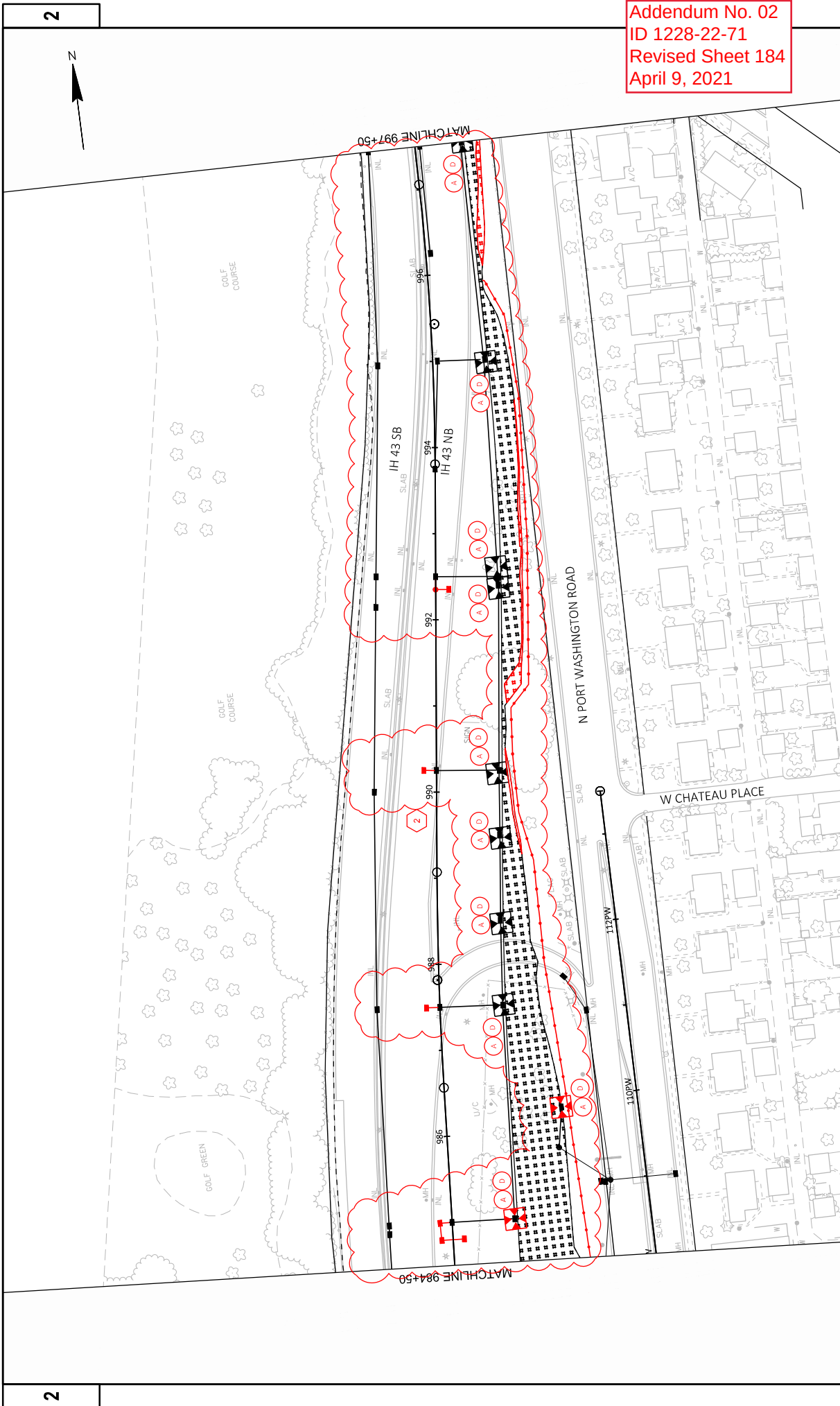
Addendum No. 02
ID 1228-22-71
Revised Sheet 182
April 9, 2021

PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE		EROSION CONTROL - STAGE 1		SHEET 182		E	
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LAYOUT NAME: 13		HWY: IH 43							



Addendum No. 02
ID 1228-22-71
Revised Sheet 183
April 9, 2021

PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE		EROSION CONTROL - STAGE 1		SHEET 183		E	
HWY: IH 43									
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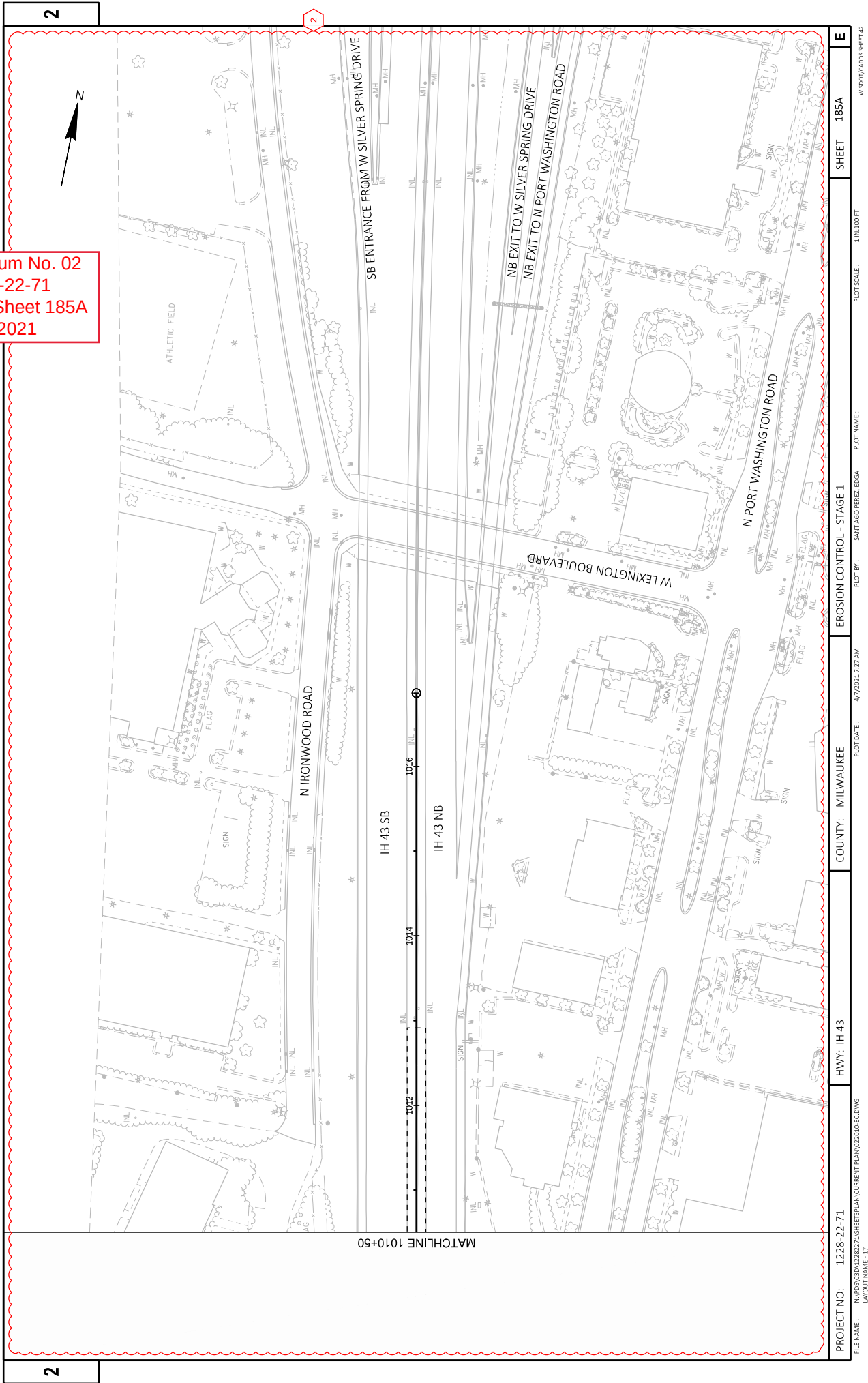
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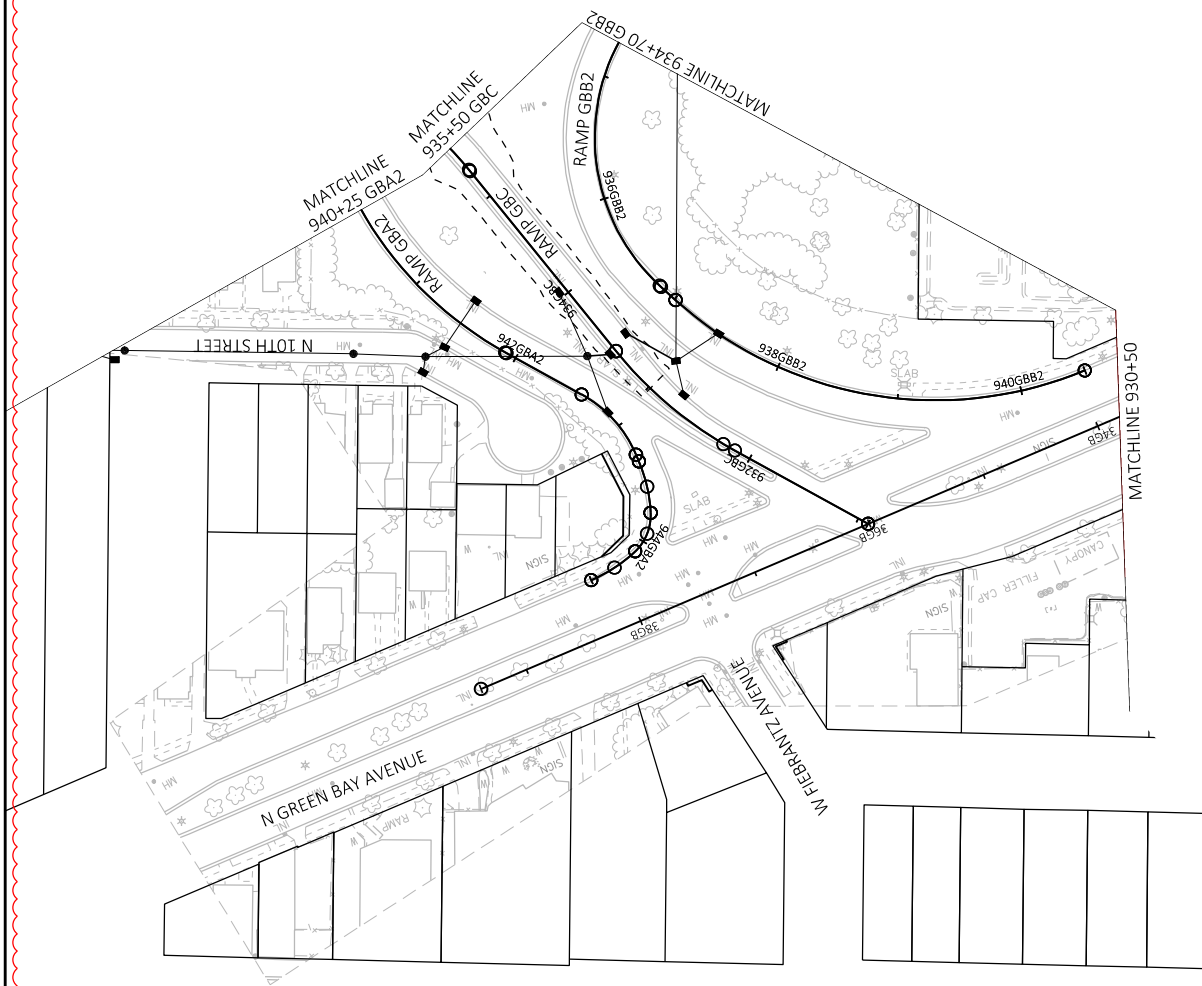
Addendum No. 02
ID 1228-22-71
Revised Sheet 184
April 9, 2021

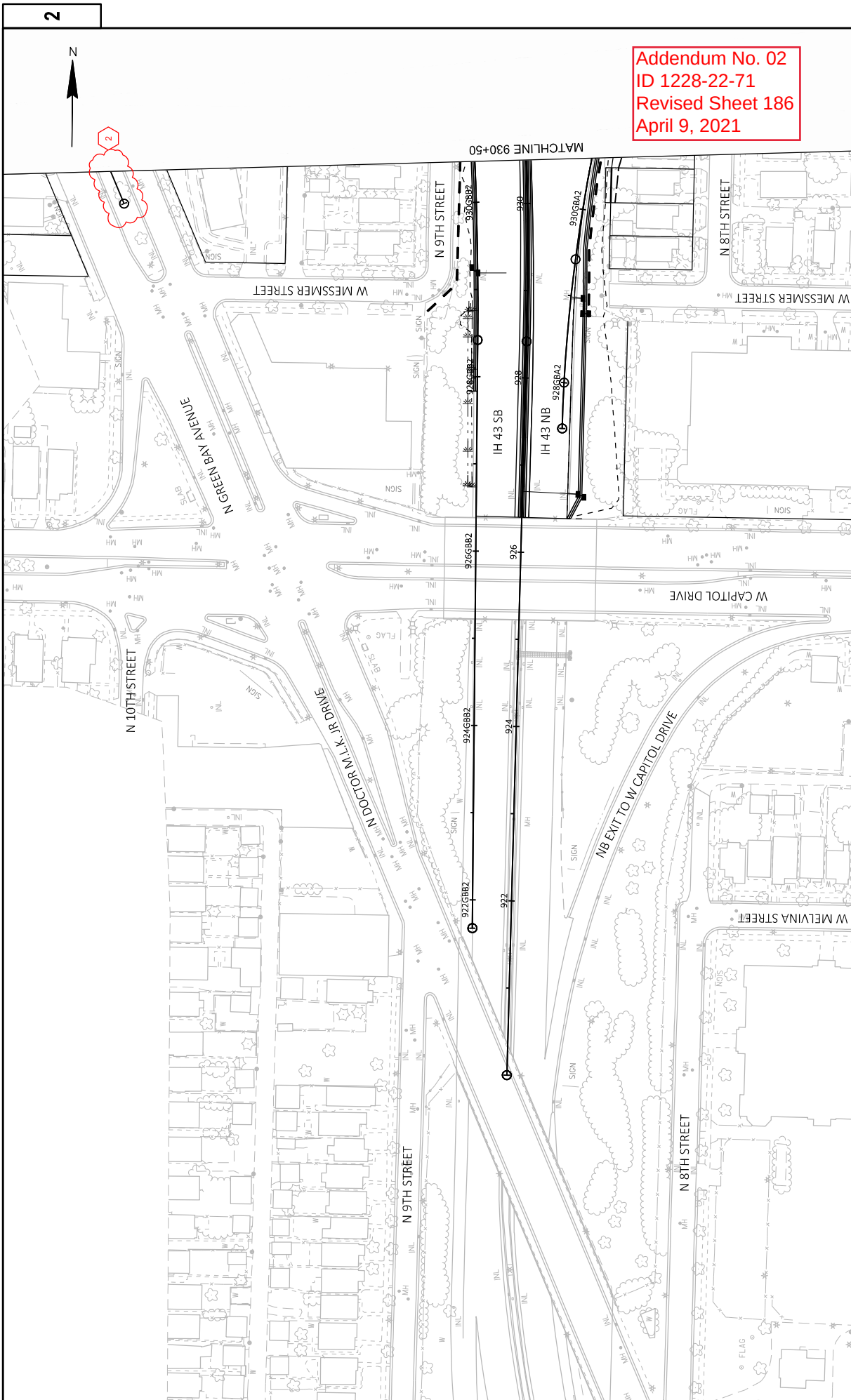
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HWY: IH 43		PLOT SCALE: 1 IN=100 FT		PLOT NAME: 1 IN=100 FT		PLOT NAME: 1 IN=100 FT		PLOT NAME: 1 IN=100 FT	

Addendum No. 02
ID 1228-22-71
Added Sheet 185A
April 9, 2021



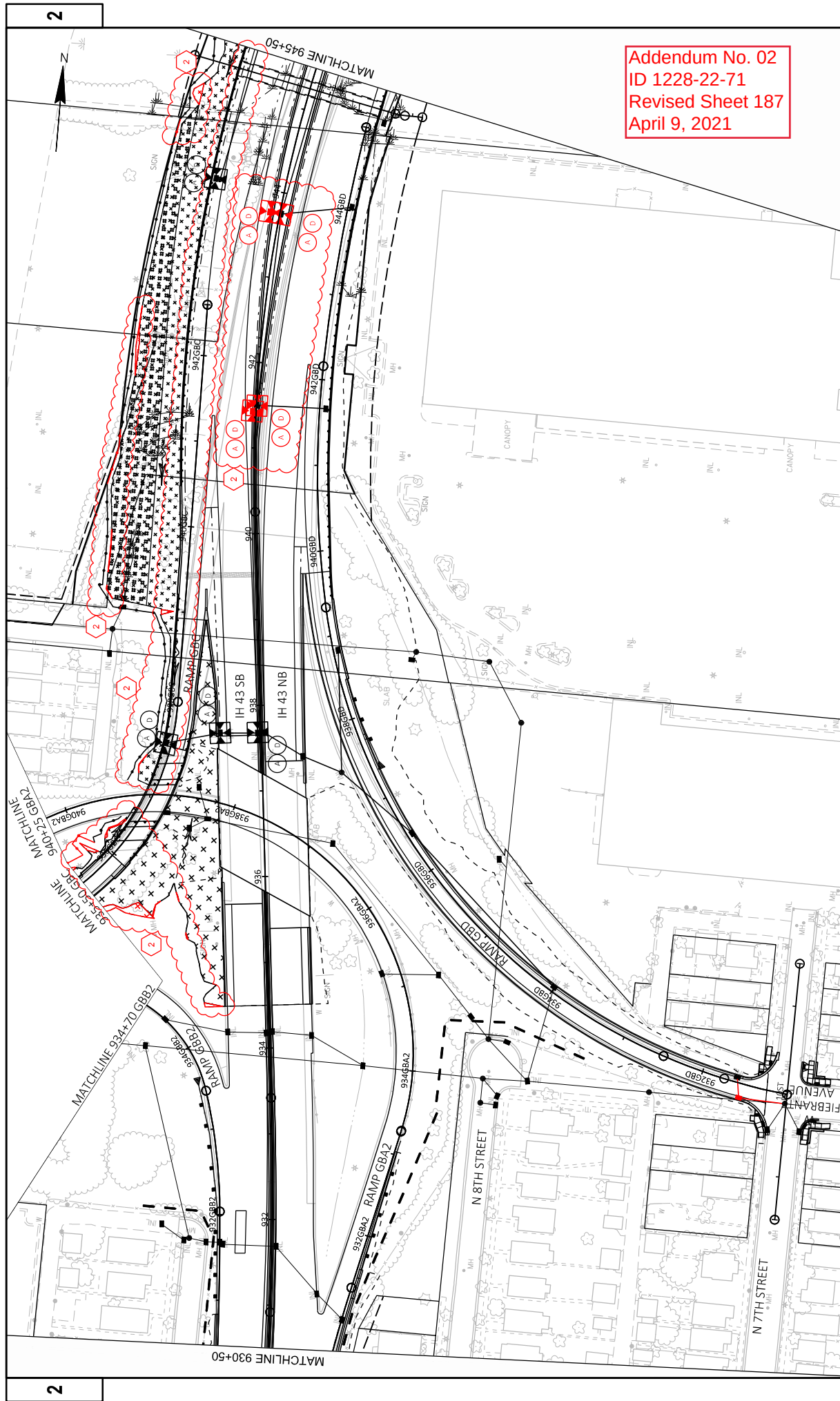
Addendum No. 02
ID 1228-22-71
Added Sheet 185B
April 9, 2021





Addendum No. 02
ID 1228-22-71
Revised Sheet 186
April 9, 2021

PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE		EROSION CONTROL - STAGE 2		SHEET 186		E	
FILE NAME: N:\PDS\3D\12282271\SHEETS\PLAN\CURRENT\PLAN\2019 EC.DWG		PLOT DATE: 4/7/2021 6:05 PM		PLOT BY: SANTIAGO PEREZ, EDGA		PLOT SCALE: 1 IN=100 FT		WISDOT/CADDIS SHEET 42	
LAYOUT NAME: 19									



Addendum No. 02
ID 1228-22-71
Revised Sheet 187
April 9, 2021

PROJECT NO: 1228-22-71	COUNTY: MILWAUKEE	EROSION CONTROL - STAGE 2	SHEET 187	E
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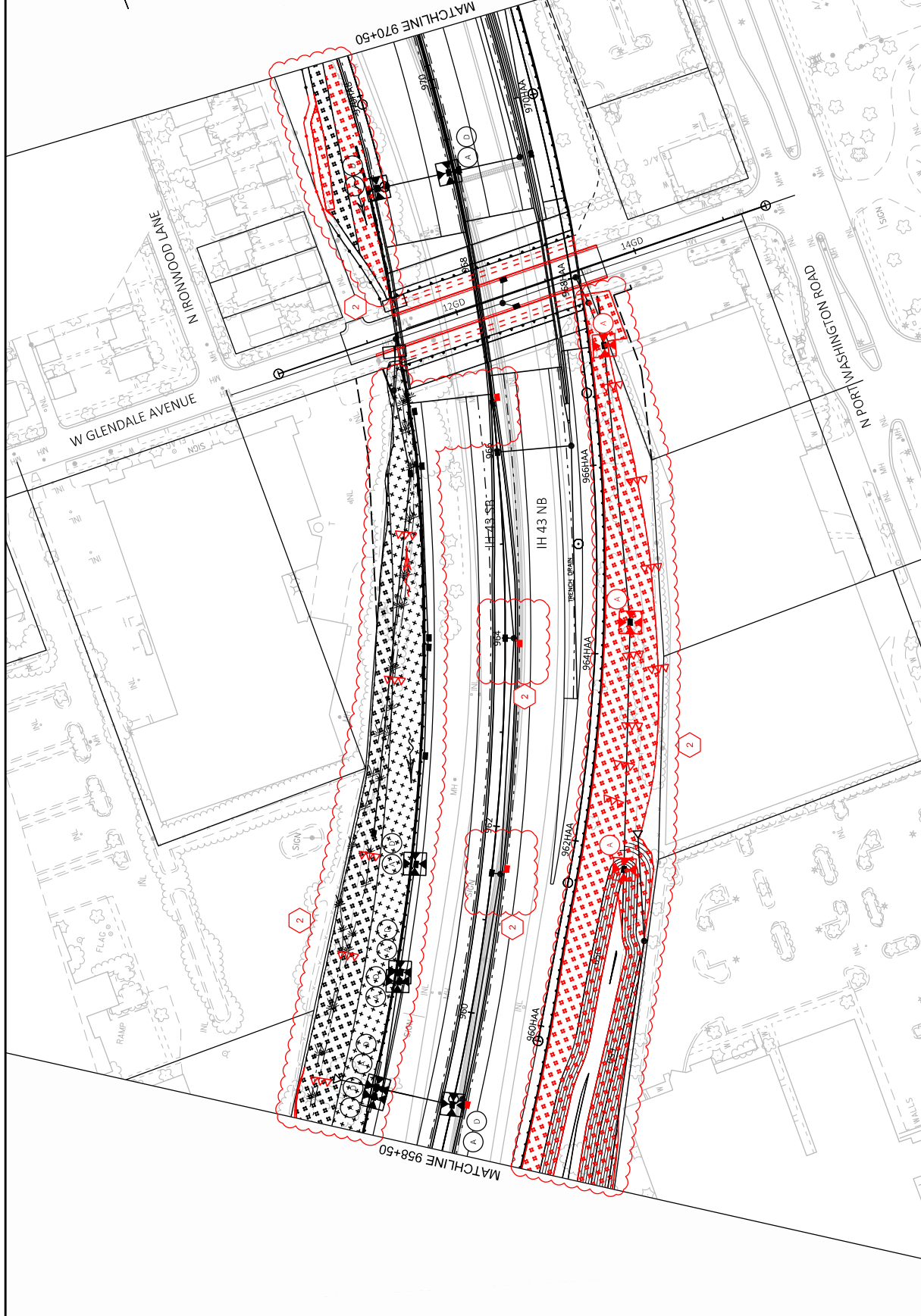


Addendum No. 02
ID 1228-22-71
Revised Sheet 188
April 9, 2021

2		PROJECT NO: 1228-22-71	COUNTY: MILWAUKEE	EROSION CONTROL - STAGE 2	SHEET 188	E
2		HWY: IH 43	PLOT DATE: 4/7/2021 5:07 PM	PLOT BY: SANTIAGO PEREZ, EDGA	PLOT SCALE: 1 IN=100 FT	WISDOT/CADDIS SHEET 42
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Addendum No. 02
ID 1228-22-71
Revised Sheet 189
April 9, 2021



PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

EROSION CONTROL - STAGE 2

SHEET 189

E

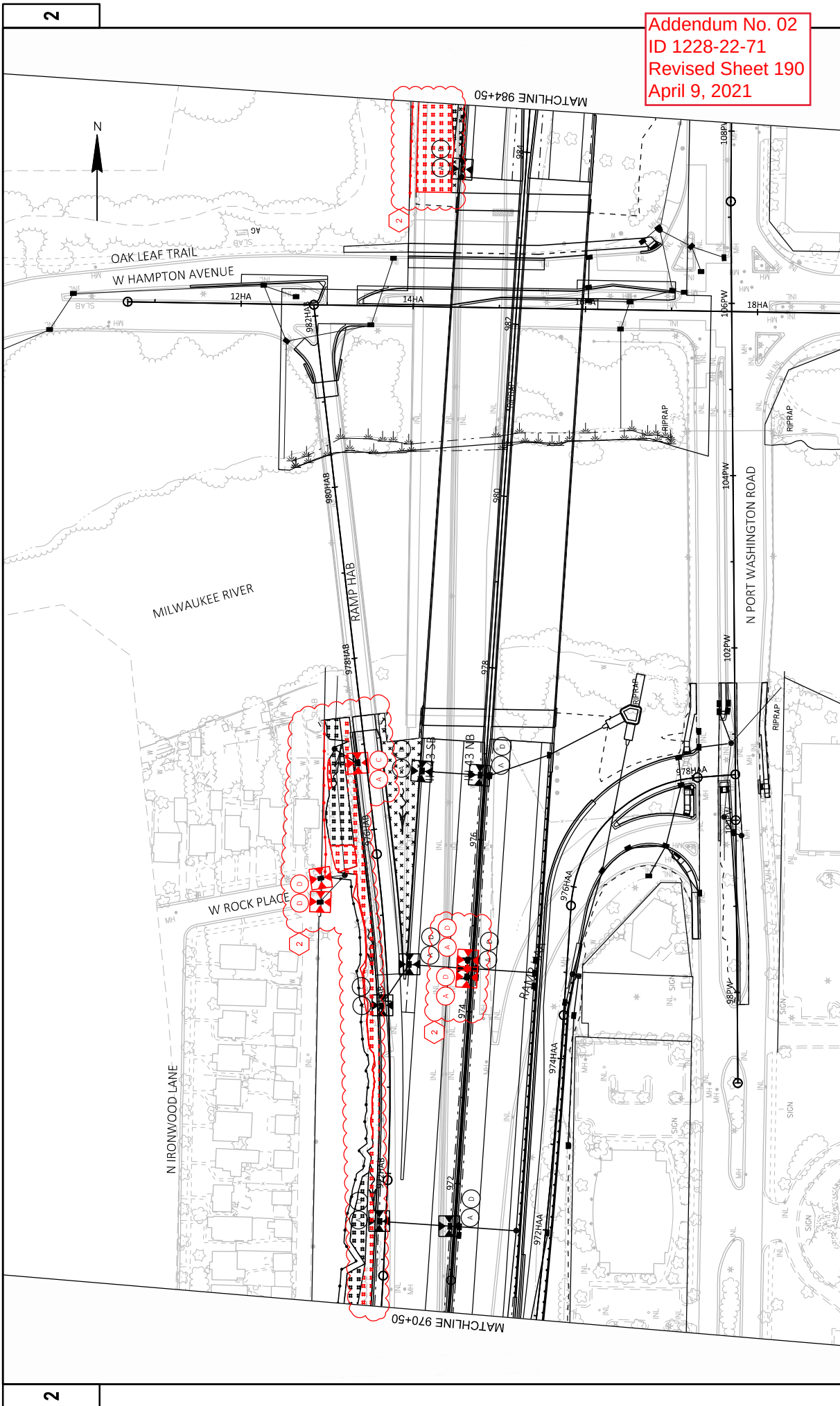
FILE NAME: N:\PDS\3D\12282271\SHEETS\PLAN\CURRENT\PLAN\2019 EC.DWG
LAYOUT NAME: 22

PLOT DATE: 4/7/2021 5:07 PM

PLOT BY: SANTIAGO PEREZ, EDGA

PLOT SCALE: 1 IN=100 FT

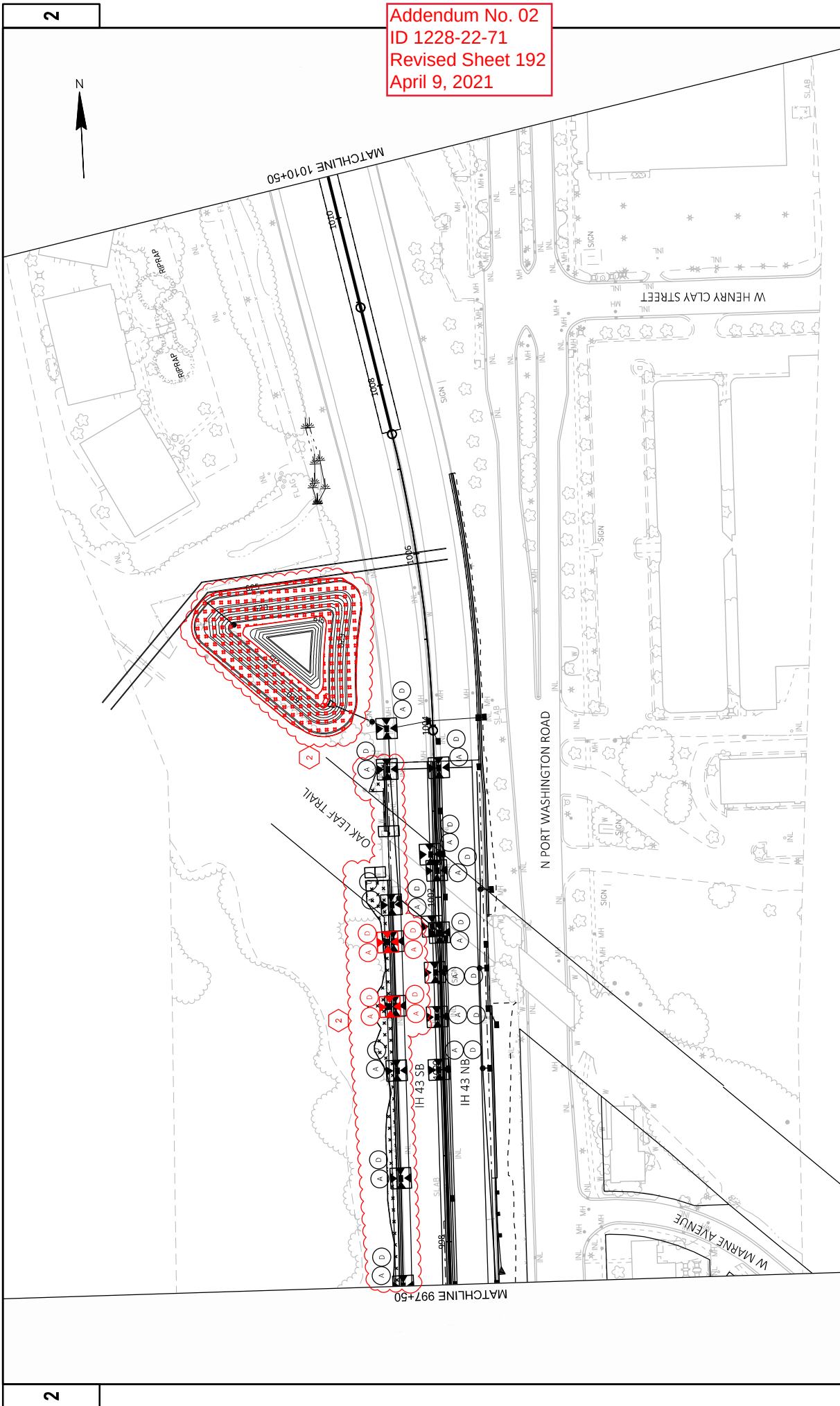
WISDOT/CADD/SHEET 42



Addendum No. 02
ID 1228-22-71
Revised Sheet 190
April 9, 2021

PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE		EROSION CONTROL - STAGE 2		SHEET 190		E
FILE NAME: N:\PDS\CD\12282271\SHETS\PLAN CURRENT\PLAN02019 EC.DWG		PLOT DATE: 4/7/2021 6:08 PM		PLOT BY: SANTIAGO PEREZ, EDGA		PLOT SCALE: 1 IN=100 FT		WISDOT/CADDIS SHEET 42
LAYOUT NAME: 23								

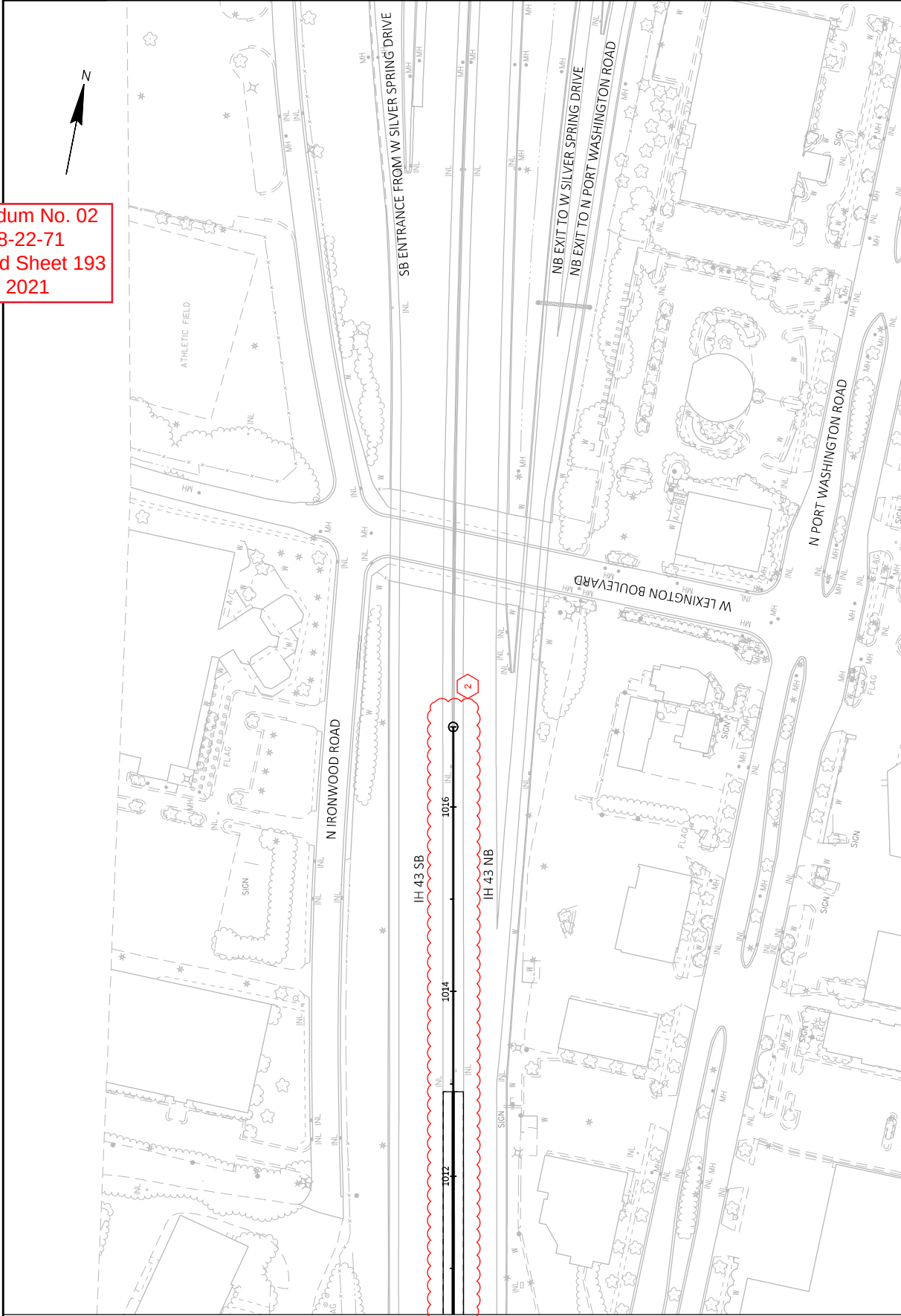




Addendum No. 02
ID 1228-22-71
Revised Sheet 192
April 9, 2021

PROJECT NO: 1228-22-71	COUNTY: MILWAUKEE	EROSION CONTROL - STAGE 2	SHEET 192	E
FILE NAME: N:\PDS\3D\12282271\SHEETS\PLAN\CURRENT PLAN\2019 EC.DWG	PLLOT DATE: 4/7/2021 6:10 PM	PLLOT BY: SANTIAGO PEREZ, EDGA	PLLOT SCALE: 1 IN=100 FT	WISDOT/CADDIS SHEET 42
LAYOUT NAME: 25				

Addendum No. 02
ID 1228-22-71
Revised Sheet 193
April 9, 2021

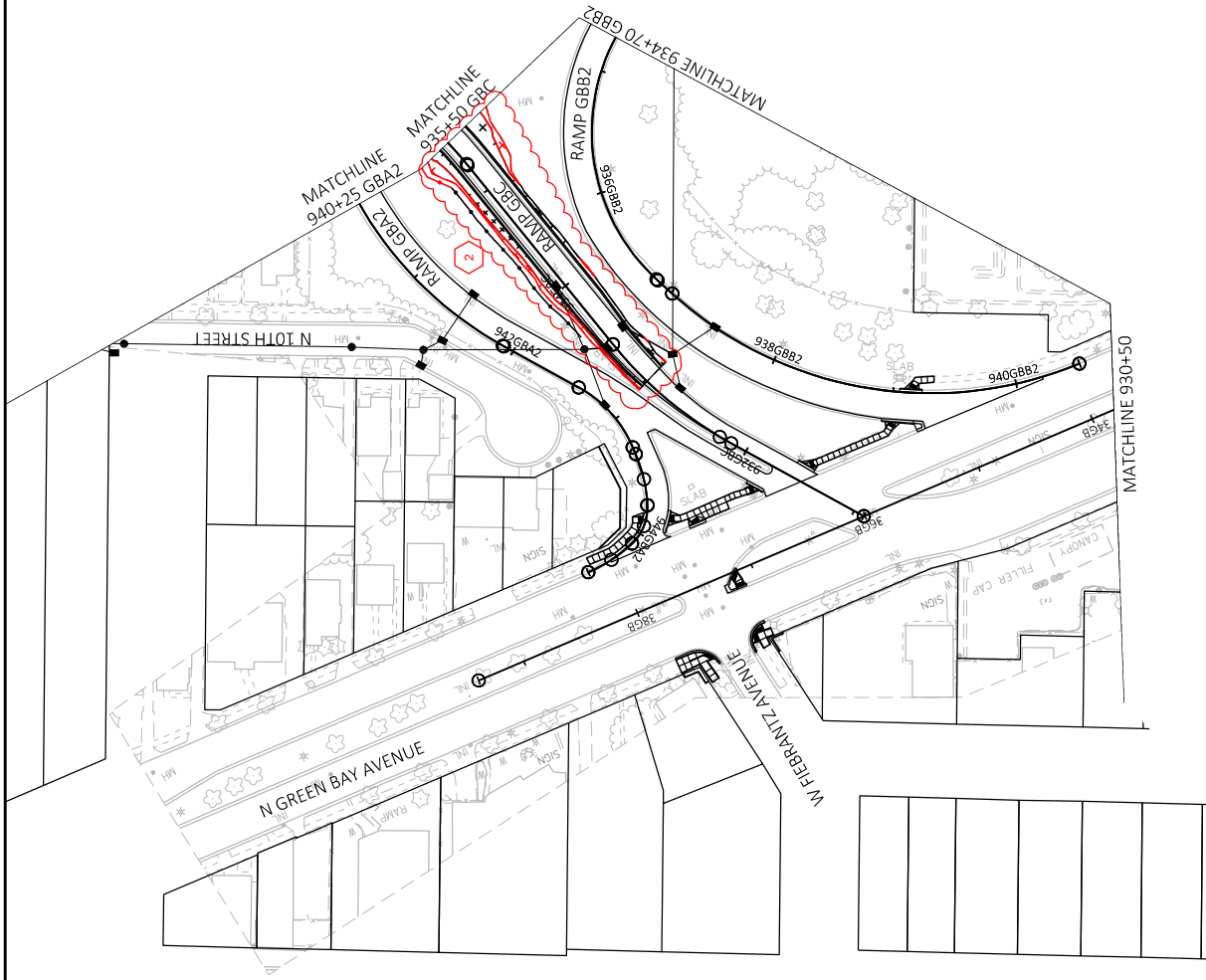


MATCHLINE 1010+50

PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE		EROSION CONTROL - STAGE 2		SHEET 193		E	
FILE NAME: N:\PDS\3D\12282271\SHEETS\PLAN\CURRENT PLAN\2019 EC.DWG		PLOT DATE: 4/7/2021 6:10 PM		PLOT BY: SANTIAGO PEREZ, EDGA		PLOT NAME: 1 IN=100 FT		WISDOT/CADDIS SHEET 42	
LAYOUT NAME: 26		HWY: IH 43							



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ID 1228-22-71
Revised Sheet 194
April 9, 2021



PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

EROSION CONTROL - STAGE 2

SHEET 194

E

FILE NAME: N:\PDS\3D\12282271\SHEETS\PLAN\CURRENT PLAN\202019 EC.DWG
LAYOUT NAME: 27

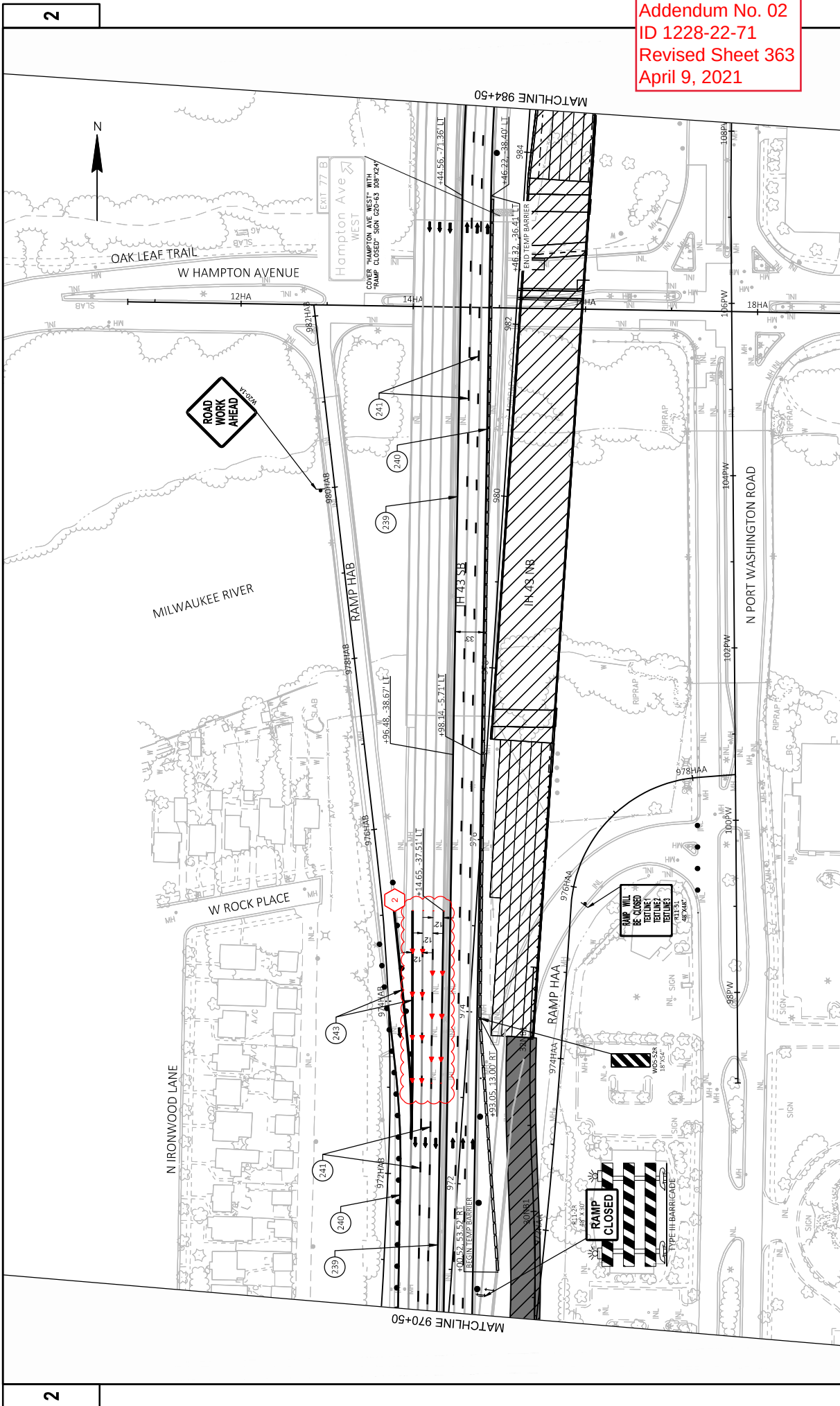
PLOT DATE: 4/7/2021 6:11 PM

PLOT BY: SANTIAGO PEREZ, EDGA

PLOT SCALE: 1 IN=100 FT

WISDOT/CADDIS SHEET 42



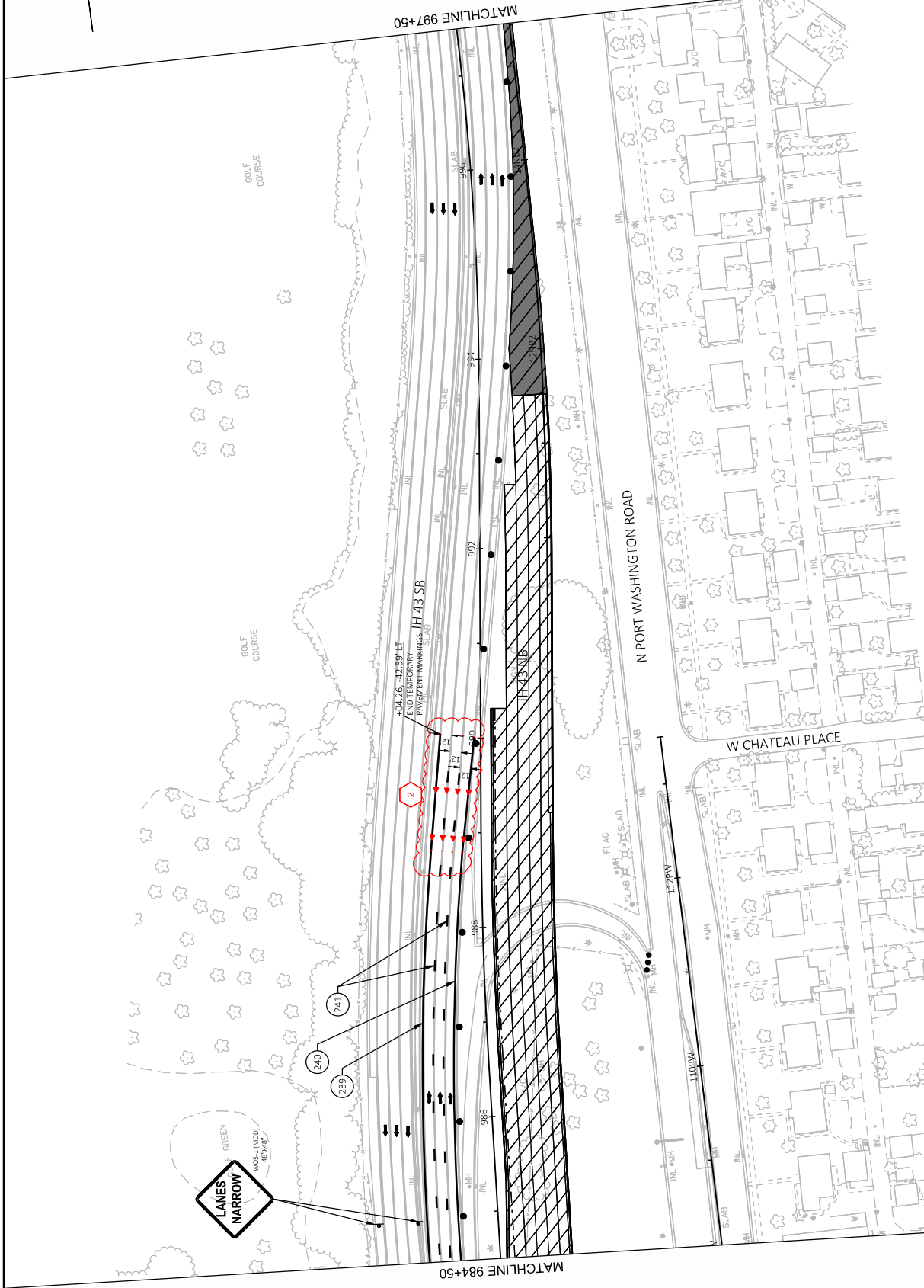


Addendum No. 02
ID 1228-22-71
Revised Sheet 363
April 9, 2021

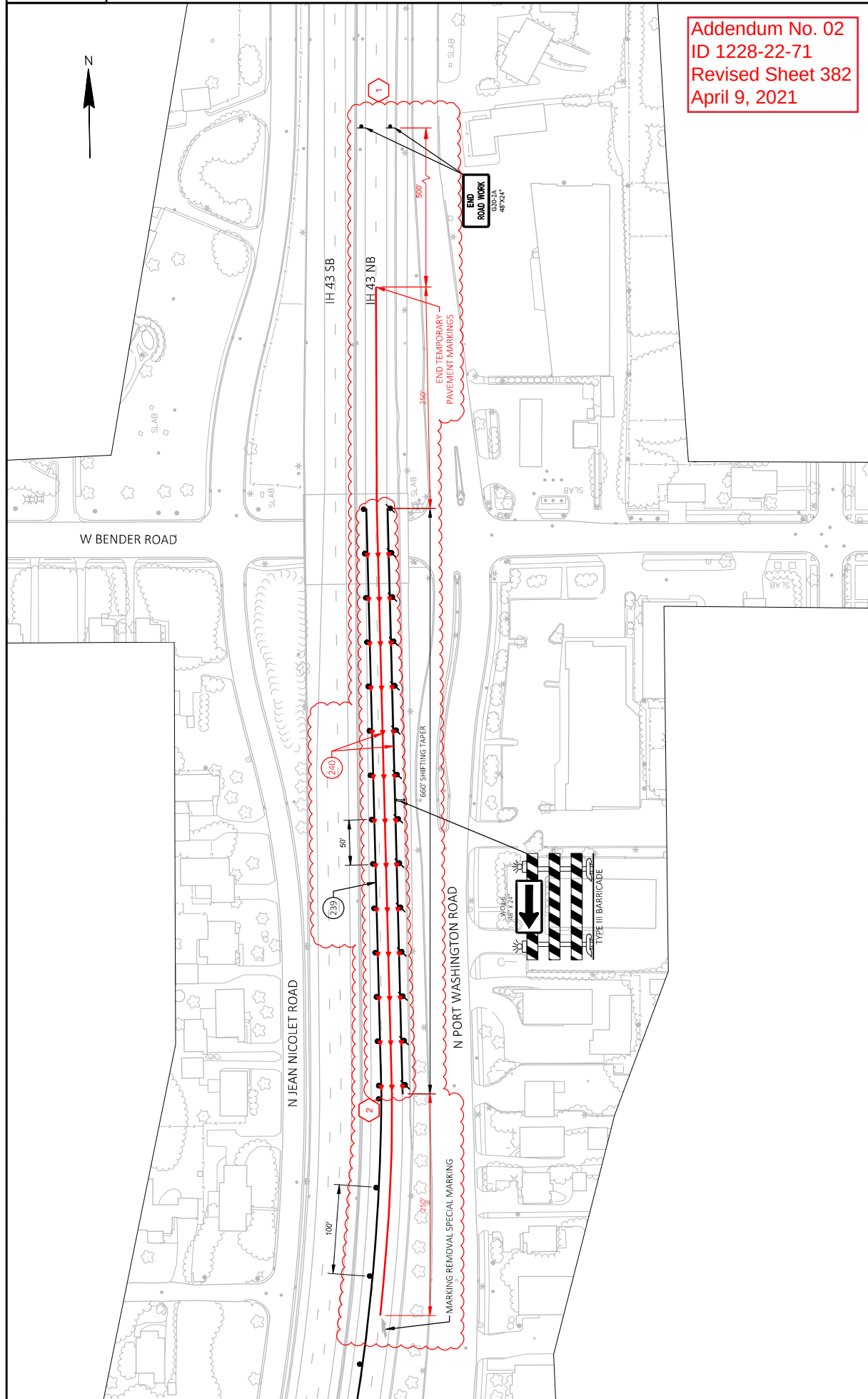
PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE		TRAFFIC CONTROL - STAGE 1		SHEET 363		E	
FILE NAME: N:\PDS\3D\122822\1\SHEETPLAN\CURRENT PLAN\02001-571-3ST.DWG		PLOT DATE: 4/9/2021 6:19 PM		PLOT BY: JELACIC, JOSEPH C		PLOT SCALE: 1 IN=100 FT		WISDOT/CADDIS SHEET 42	
LAYOUT NAME: 05									



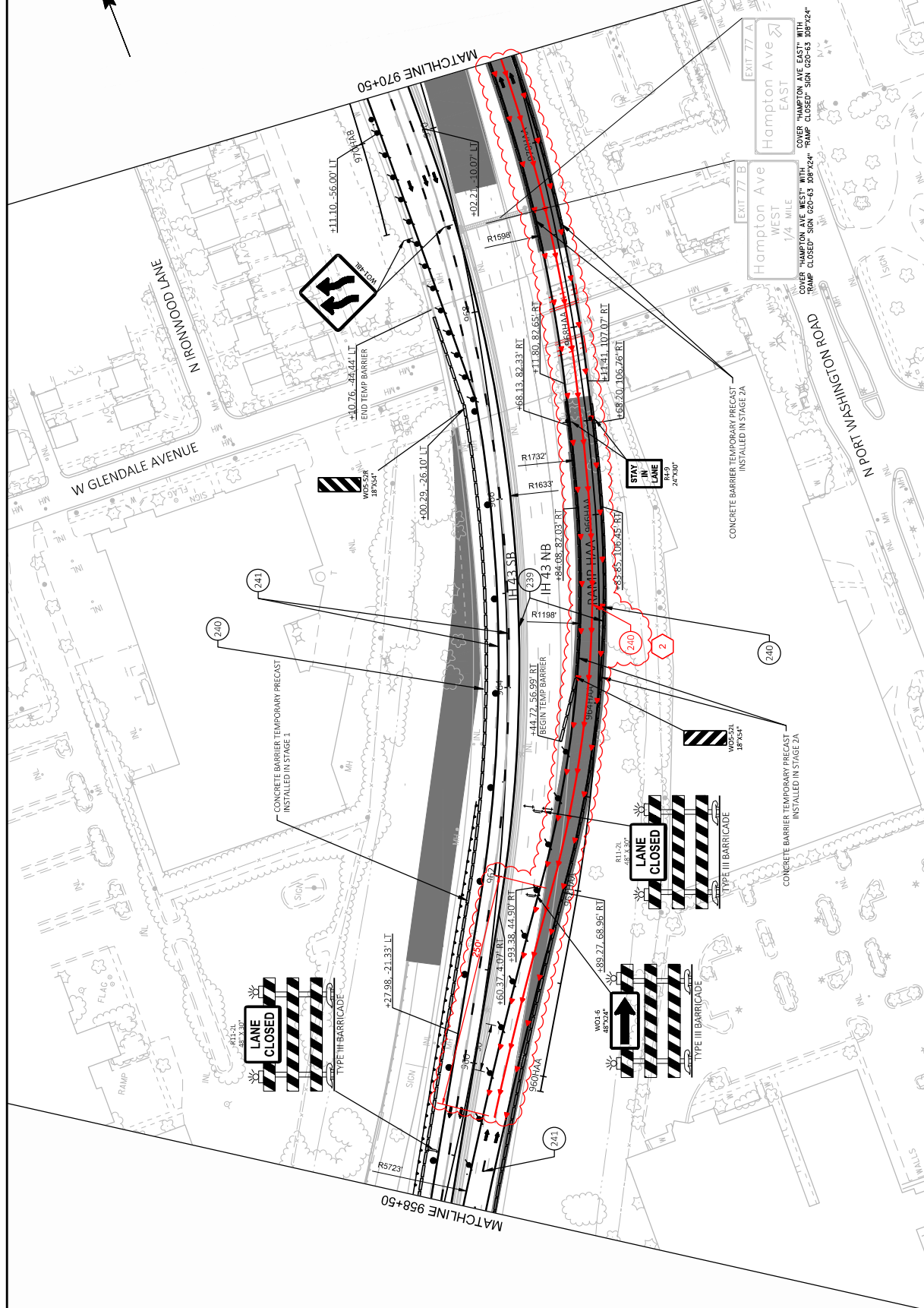
Addendum No. 02
ID 1228-22-71
Revised Sheet 364
April 9, 2021



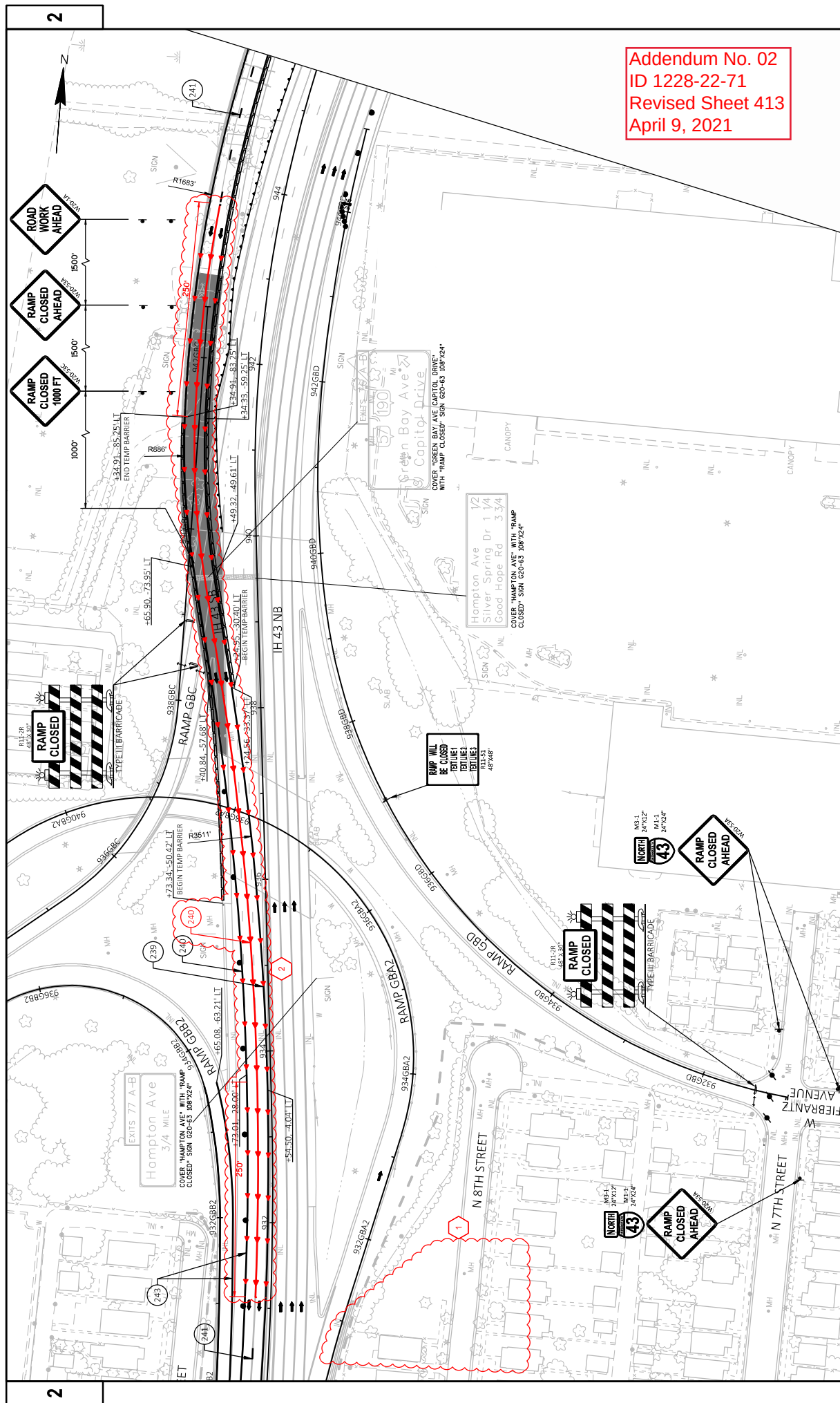
PROJECT NO: 1228-22-71	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1	SHEET 364	E
FILE NAME: N:\PDS\3D\12282271\SHETS\PLAN\CURRENT PLAN\06001-571-3ST.DWG	DATE: 4/9/2021 6:20 PM	DESIGNED BY: JELACIC, JOSEPH C	SCALE: 1 IN=100 FT	WISDOT/CADDIS SHEET 42

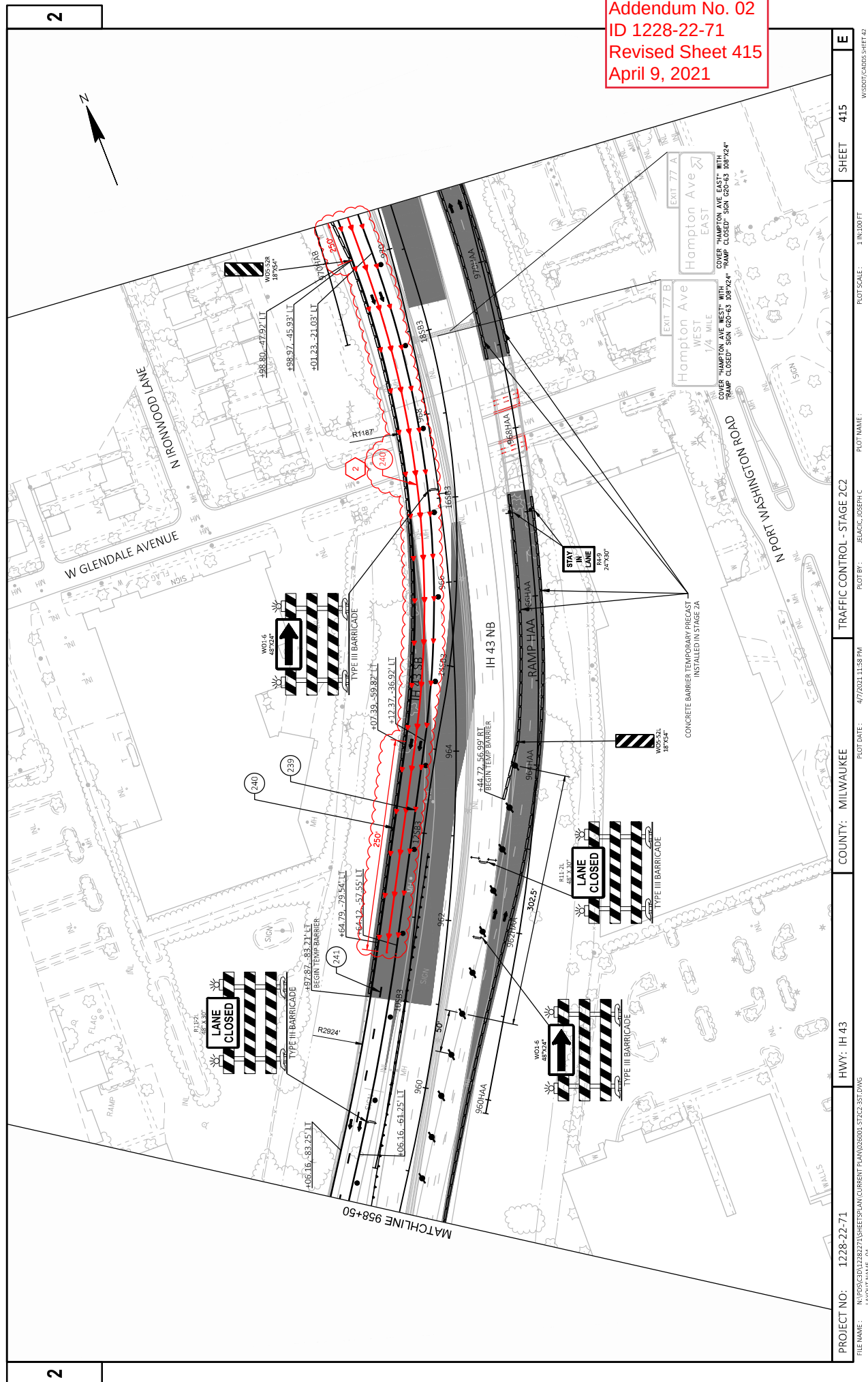


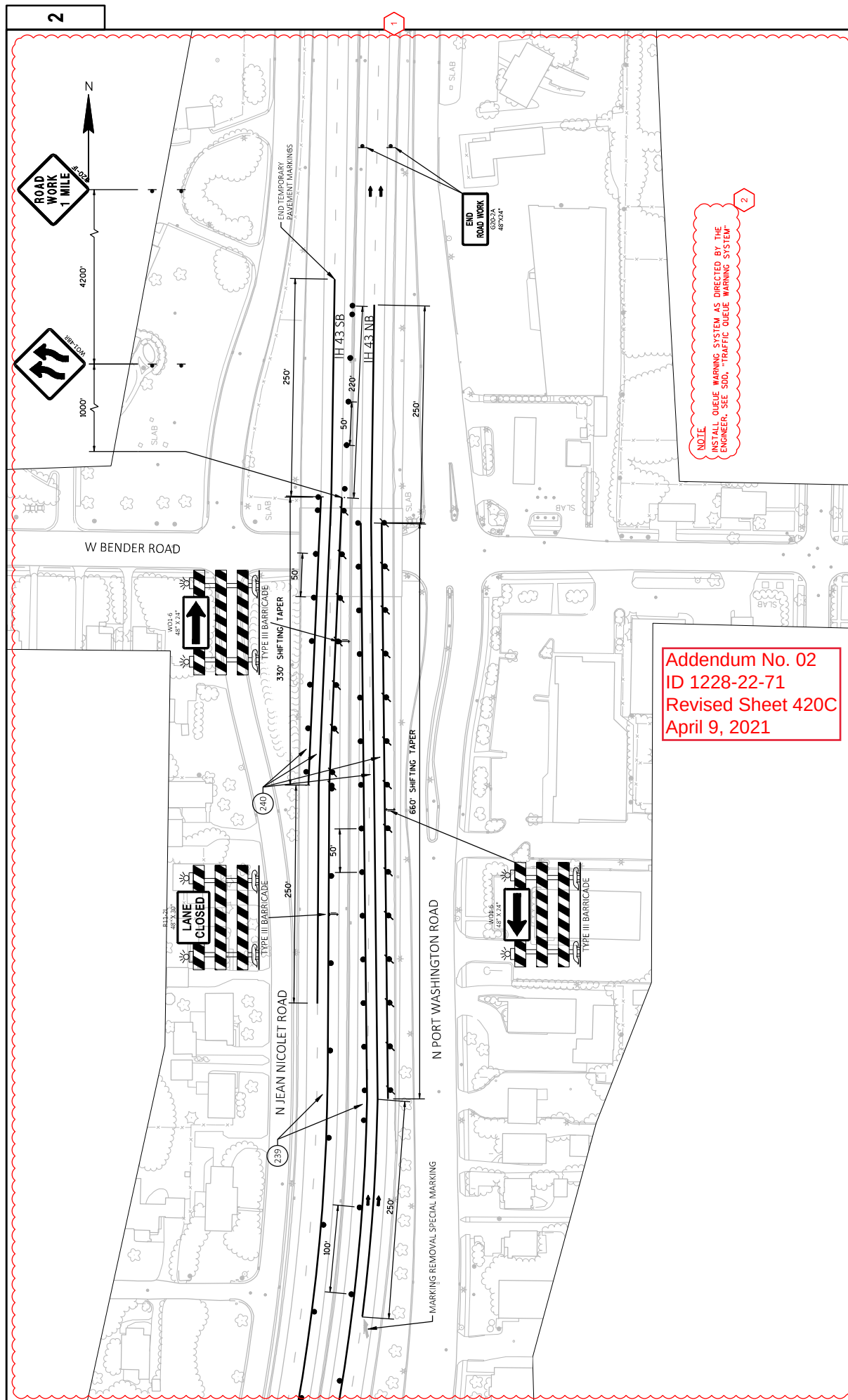
Addendum No. 02
ID 1228-22-71
Revised Sheet 382
April 9, 2021





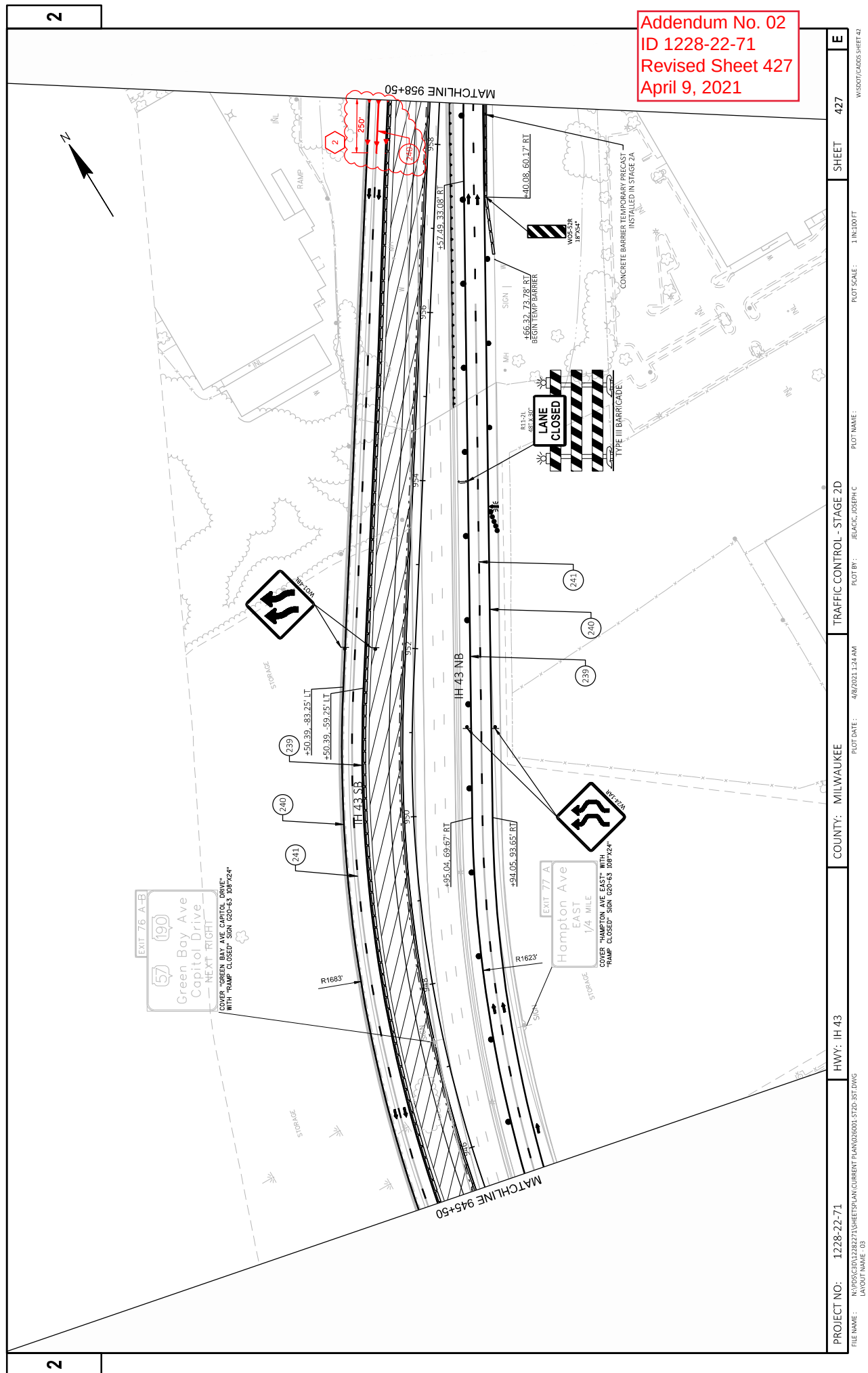


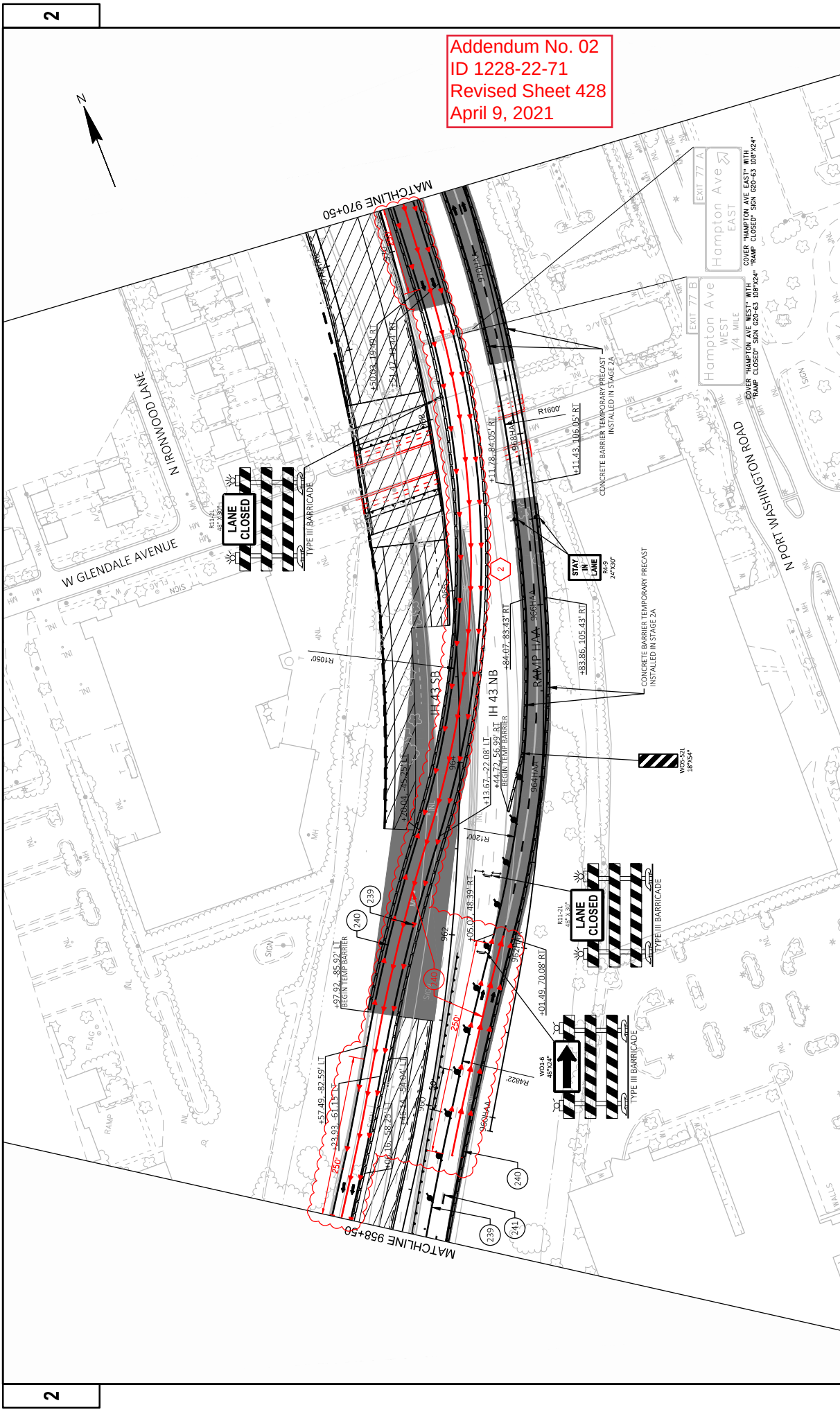




PROJECT NO: 1228-22-71	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2C2	SHEET 420C	E
FILE NAME: N:\PDS\CD\12282271\SHEETS\PLAN\CURRENT PLAN\026001-57C2-38T.DWG	LAYOUT NAME: 12	PLOT DATE: 4/9/2021 12:30 PM	PLOT BY: JEALOC, JOSEPH C	PLOT NAME: #####	WISDOT/CADD 5 SHEET 42



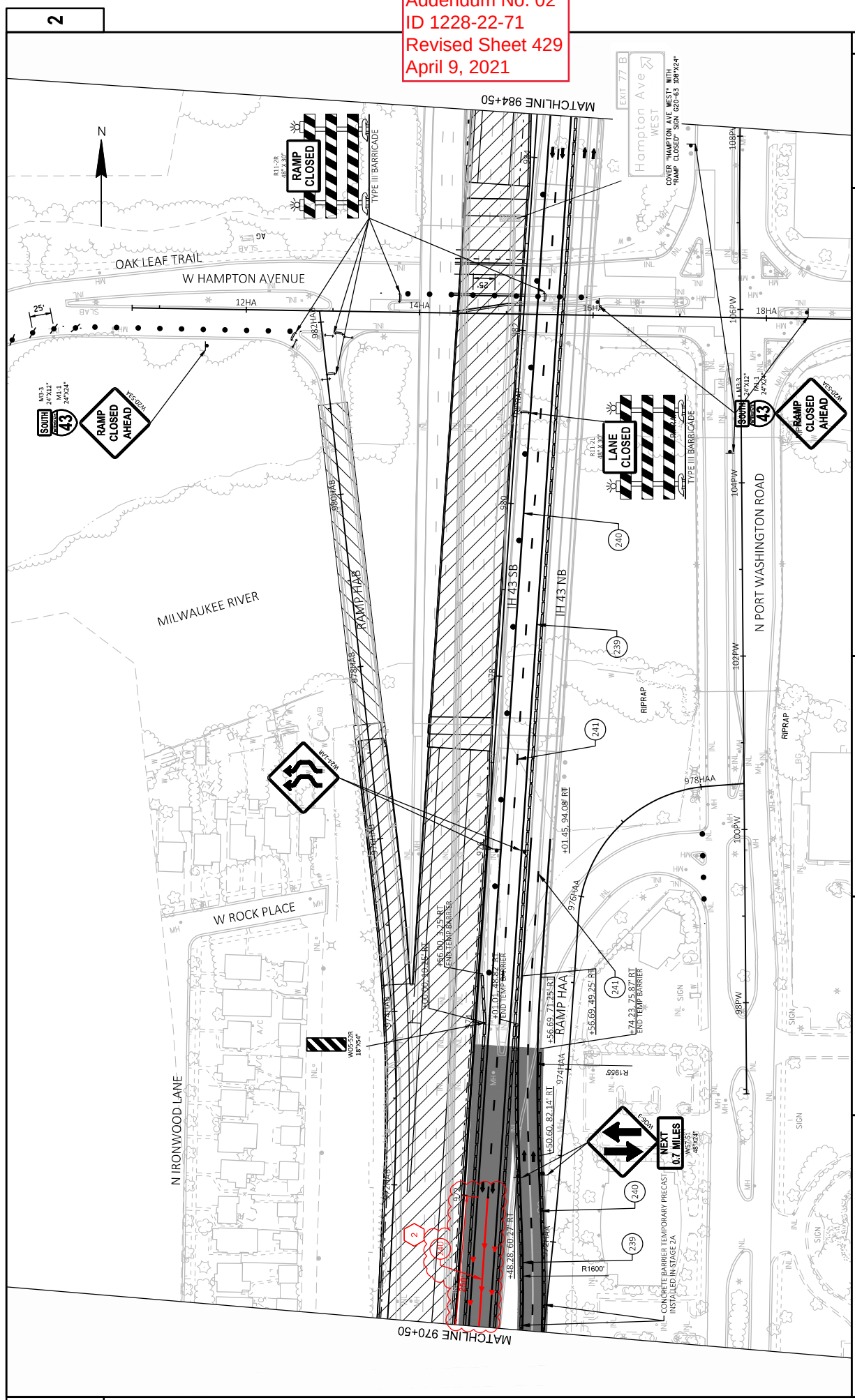




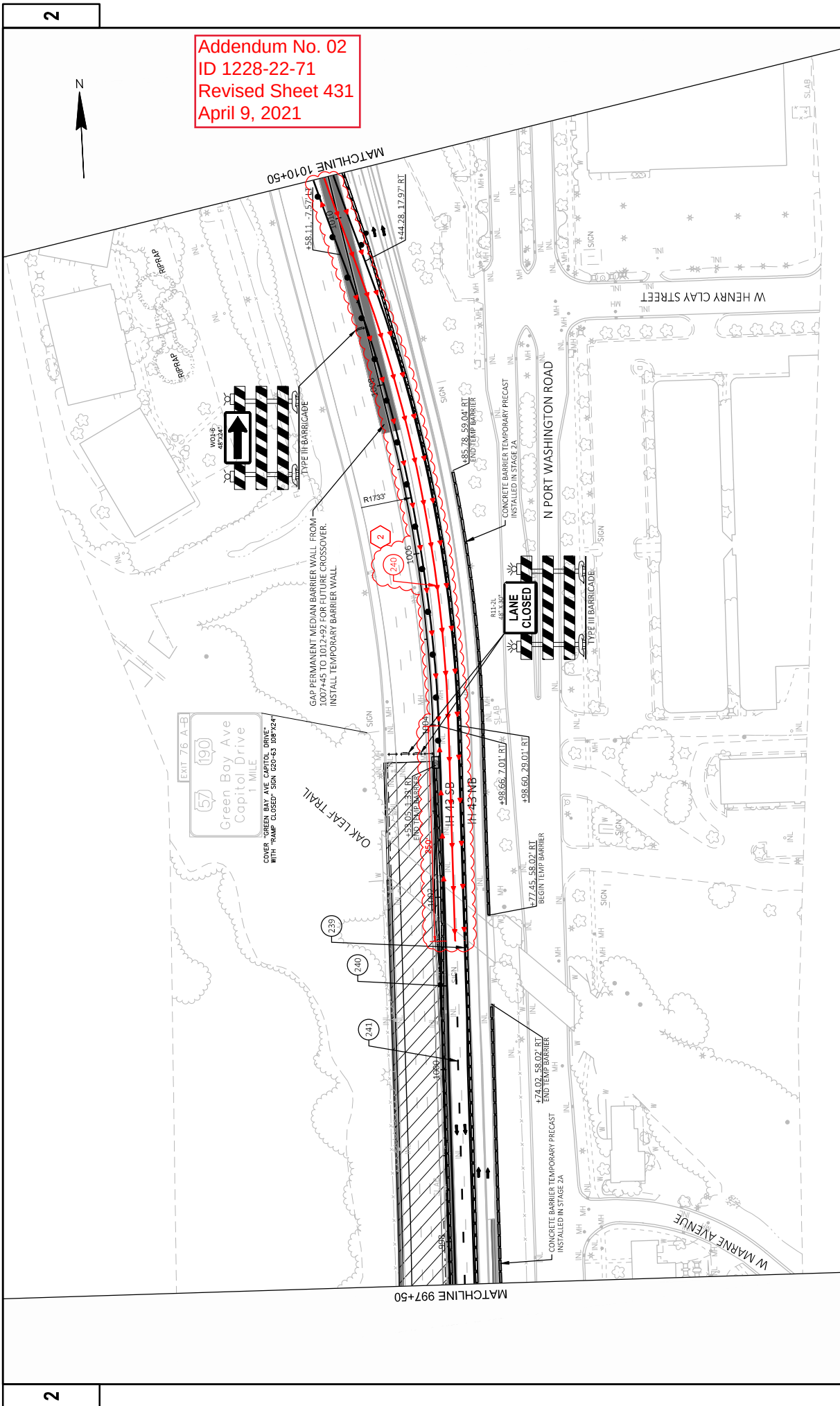
Addendum No. 02
 ID 1228-22-71
 Revised Sheet 428
 April 9, 2021

PROJECT NO: 1228-22-71	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2D	SHEET 428	E
FILE NAME: N:\PDS\3D\122822\1\SHEET\PLAN\CURRENT PLAN\05001 STD-3ST.DWG	LAYOUT NAME: 04	DATE: 4/9/2021 1:25 AM	BY: JELACIO, JOSEPH C	SCALE: 1 IN=100 FT	WISDOT/CADDIS SHEET 42

Addendum No. 02
ID 1228-22-71
Revised Sheet 429
April 9, 2021

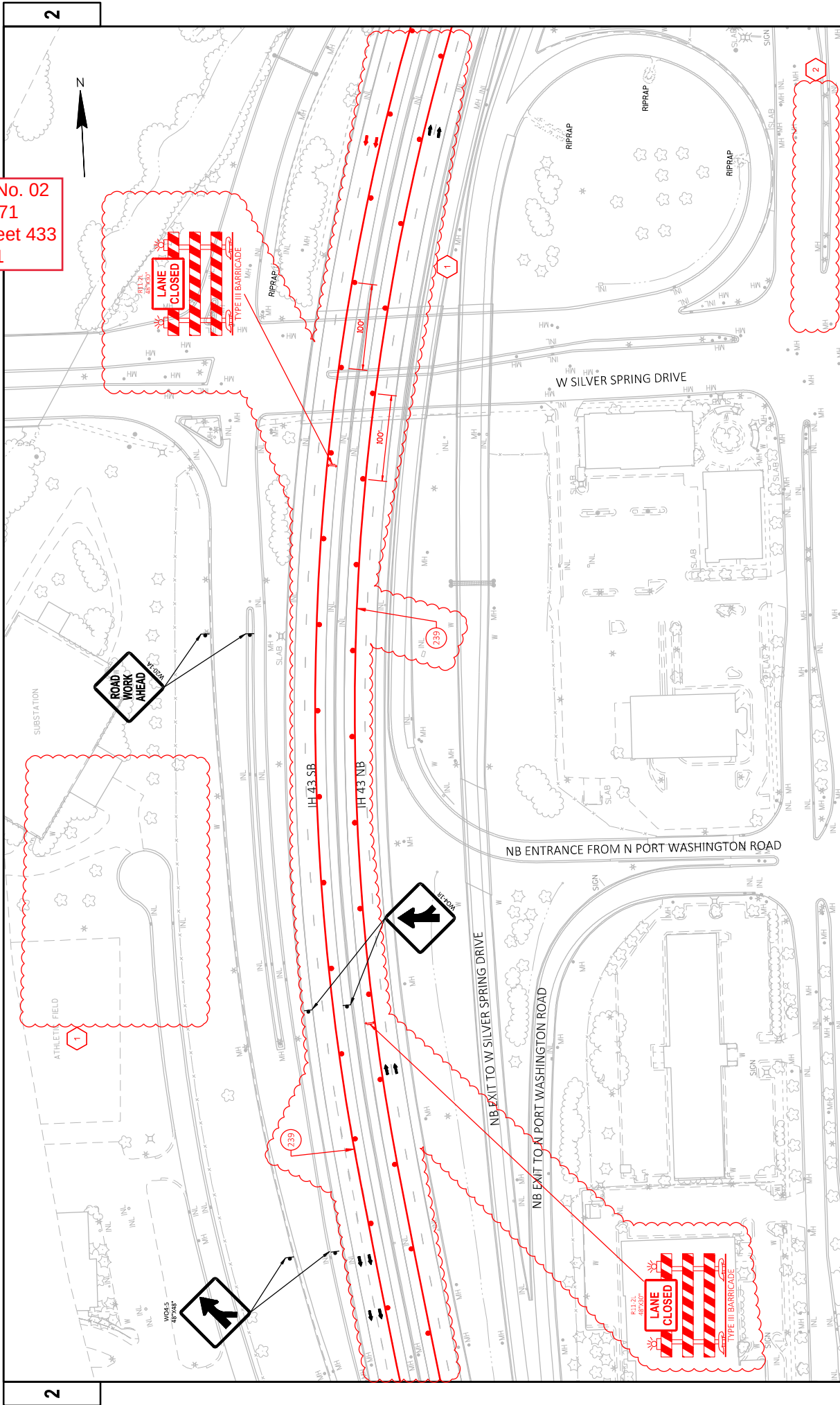


PROJECT NO: 1228-22-71	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2D	SHEET 429	E
FILE NAME: N:\PDS\3D\122822\1\SHEETS\PLAN\CURRENT PLAN\028001 STD-3ST.DWG	4/9/2021 1:25 AM	4/9/2021 1:25 AM	JEALOC, JOSEPH C	1 IN=100 FT	WISDOT/CADDS-SHEET 42
LAYOUT NAME: 05					

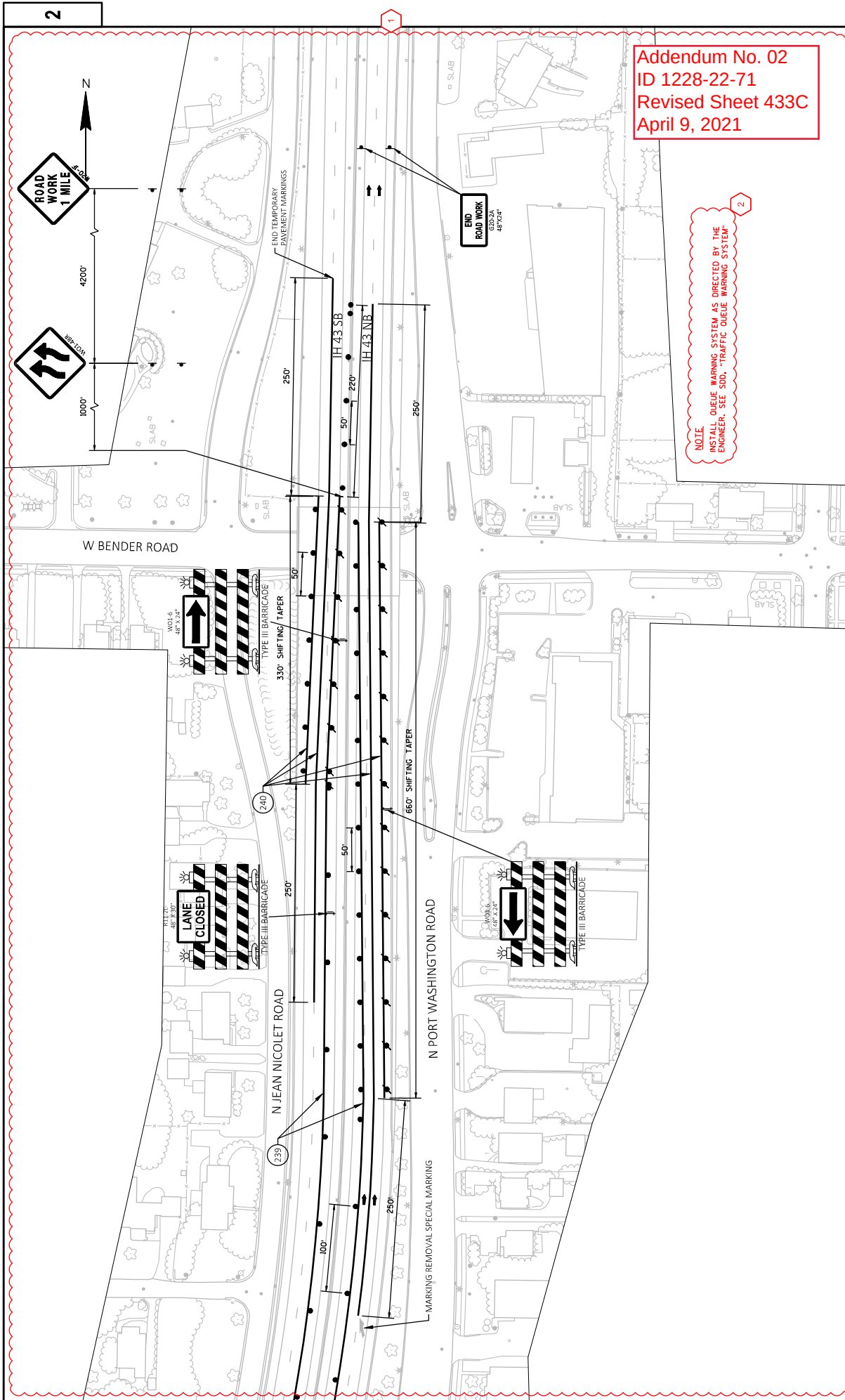


PROJECT NO:	1228-22-71	HWY:	IH 43	COUNTY:	MILWAUKEE	TRAFFIC CONTROL - STAGE 2D	E	
FILE NAME:	N:\P05\CD\1228271\SHEETPLAN\CURRENT\PLANO\6001-STD-357.DWG							
LAYOUT NAME:	08		PLOT DATE:		4/8/2021 1:32 AM		PLOT BY:	JEACAC, JOSEPH C
					PLOT SCALE:		1 IN=100 FT	
								WSDOT CADD SHEET 42

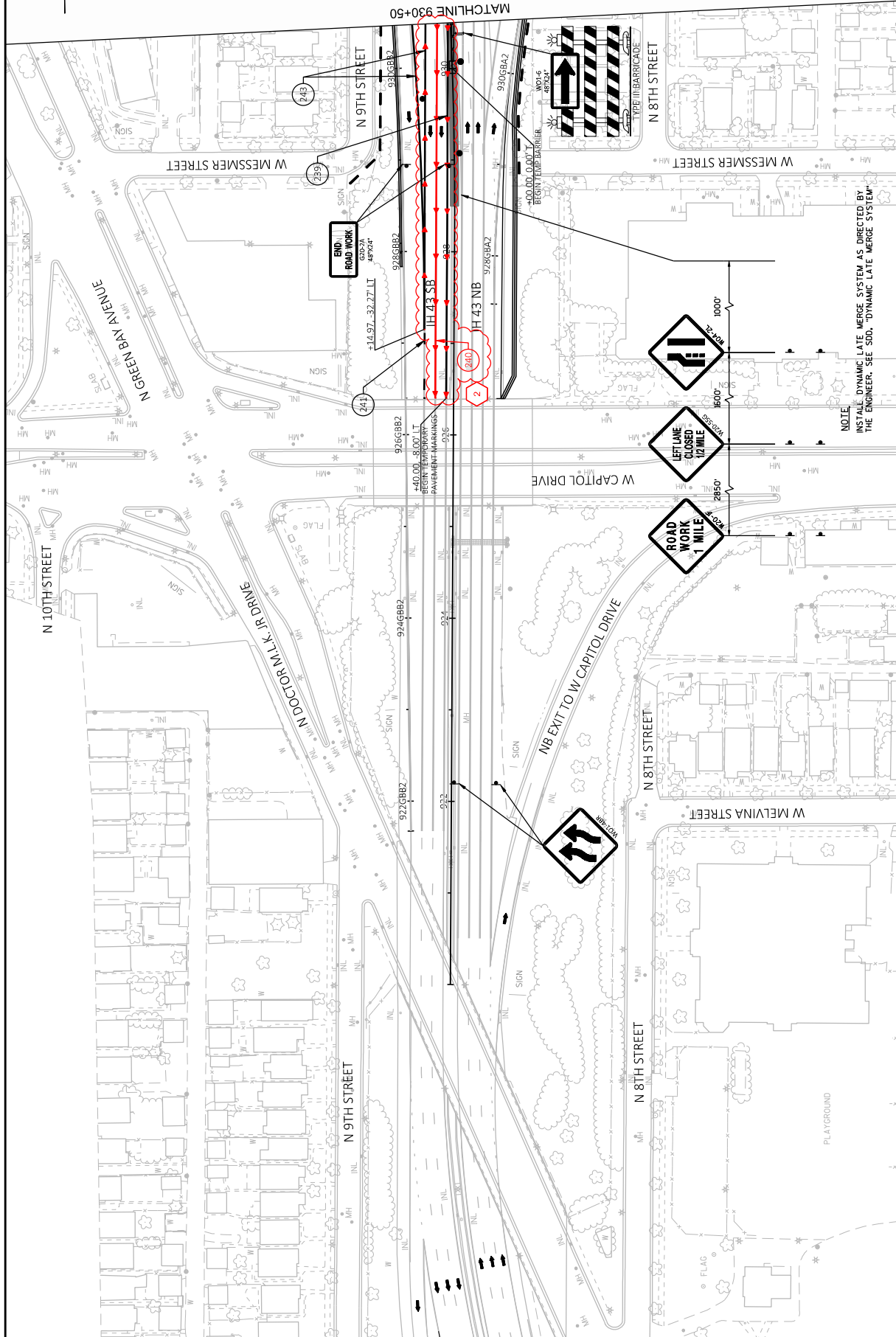
Addendum No. 02
ID 1228-22-71
Revised Sheet 433
April 9, 2021

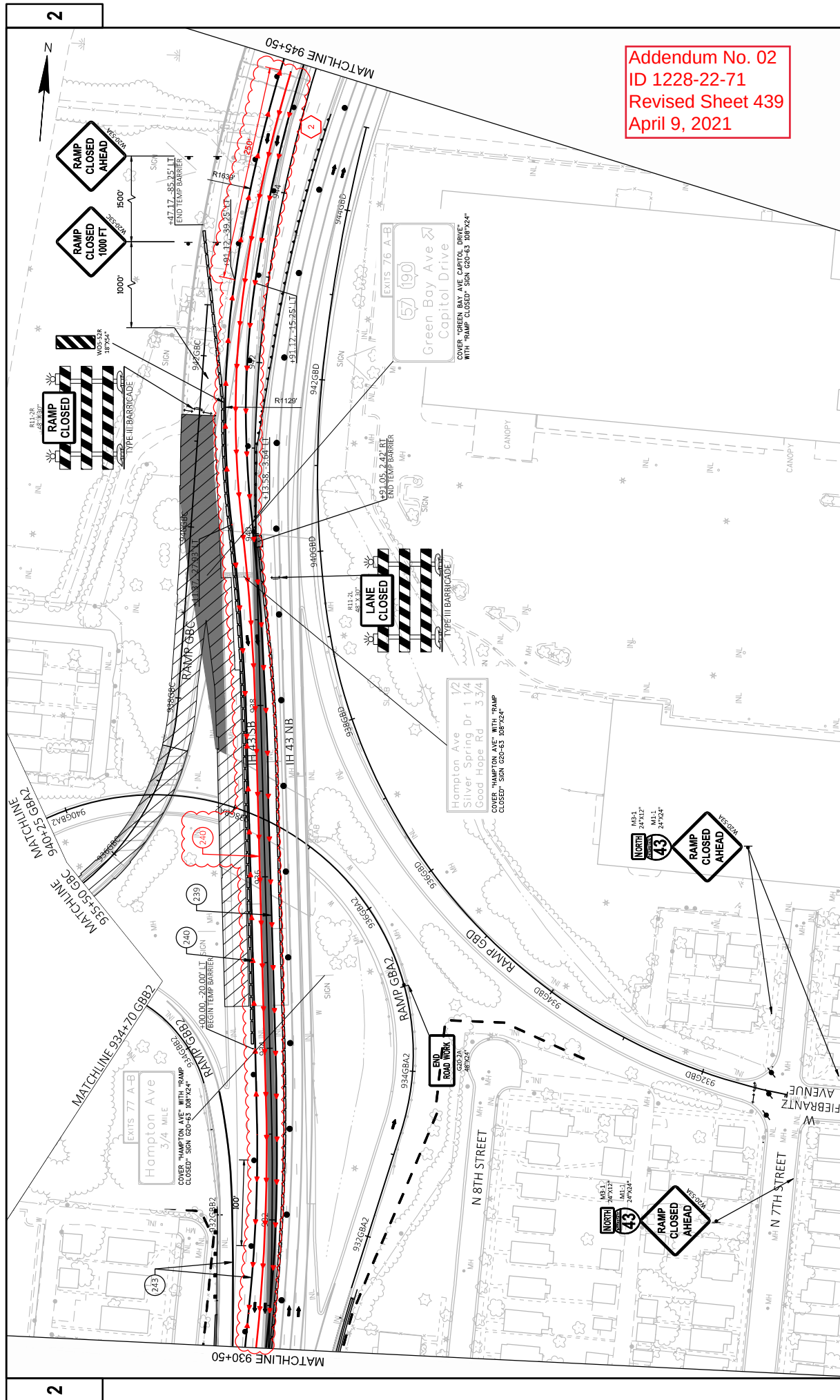


PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE		TRAFFIC CONTROL - STAGE 2D		E	
HWY: IH 43		PLOT DATE: 4/9/2021 12:47 PM		PLOT BY: JELACIC, JOSEPH C		PLOT SCALE: 1"=40'	
FILE NAME: N:\PDS\CD\12282271\SHETS\PLAN\CURRENT PLAN\05001-57D-3ST.DWG		LAYOUT NAME: 09		PLOT NAME: 1228-22-71		PLOT SCALE: 1"=40'	



PROJECT NO: 1228-22-71	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2D	SHEET 433C	E
FILE NAME: N:\PDS\3D\12282271\SHEETS\PLAN\CURRENT PLAN\026001-57D-337.DWG LAYOUT NAME: 12			PLOT DATE: 4/9/2021 12:45 PM PLOT BY: JEALOC, JOSEPH C PLOT NAME: #####	PLOT SCALE: 1"=40'	WISDOT/CADD 5 SHEET 43

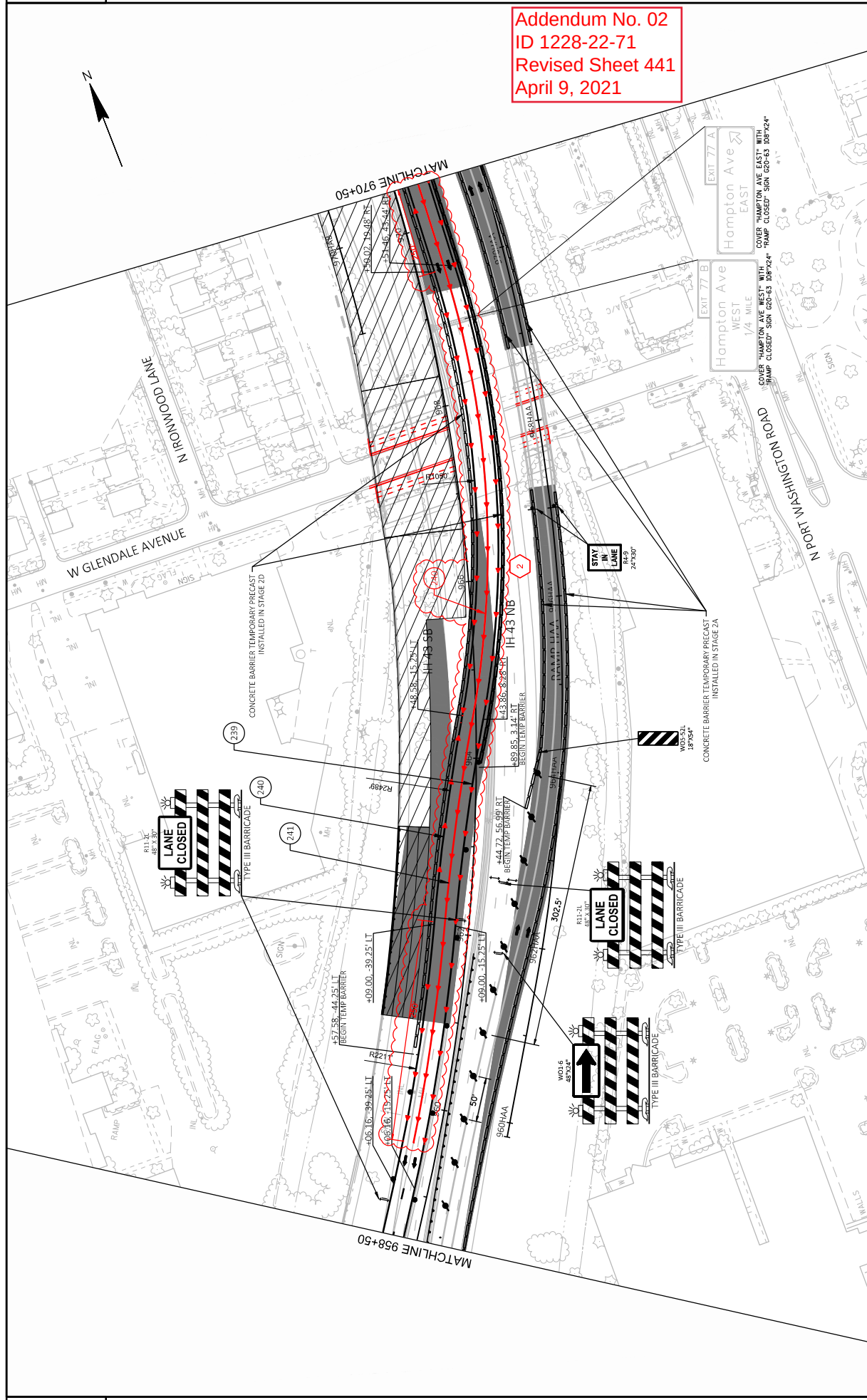




Addendum No. 02
 ID 1228-22-71
 Revised Sheet 439
 April 9, 2021

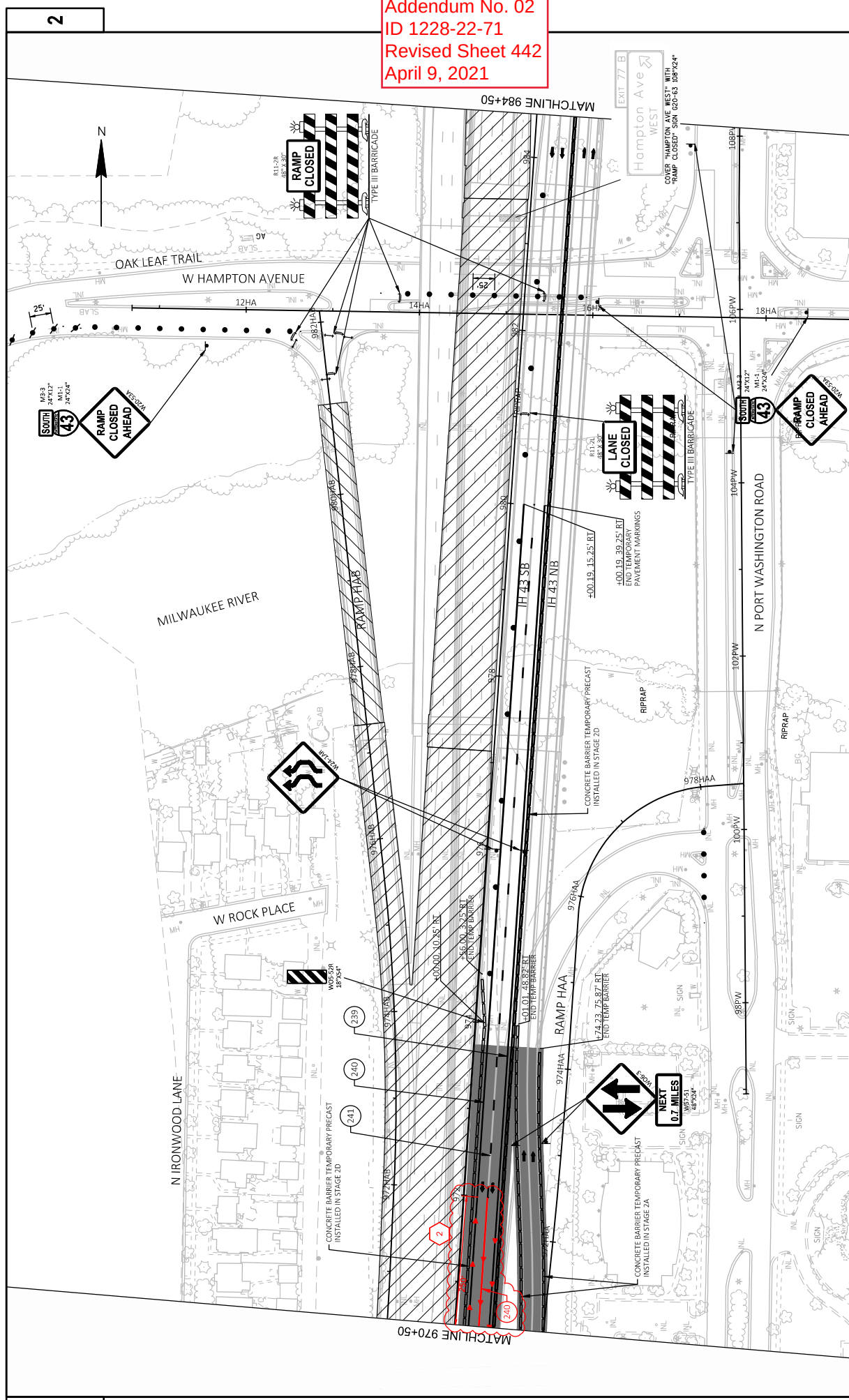
PROJECT NO: 1228-22-71	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 3A	SHEET 439	E
FILE NAME: N:\PDS\3D\12282271\SHETS\PLAN\CURRENT\PLAN\025001.573A.337.DWG	DATE: 4/9/2021 2:05 AM	FLIGHT BY: JEALOC, JOSEPH C	FLIGHT SCALE: 1 IN=100 FT	WISDOT/CADDIS SHEET 43
LAYOUT NAME: 02				

Addendum No. 02
ID 1228-22-71
Revised Sheet 441
April 9, 2021



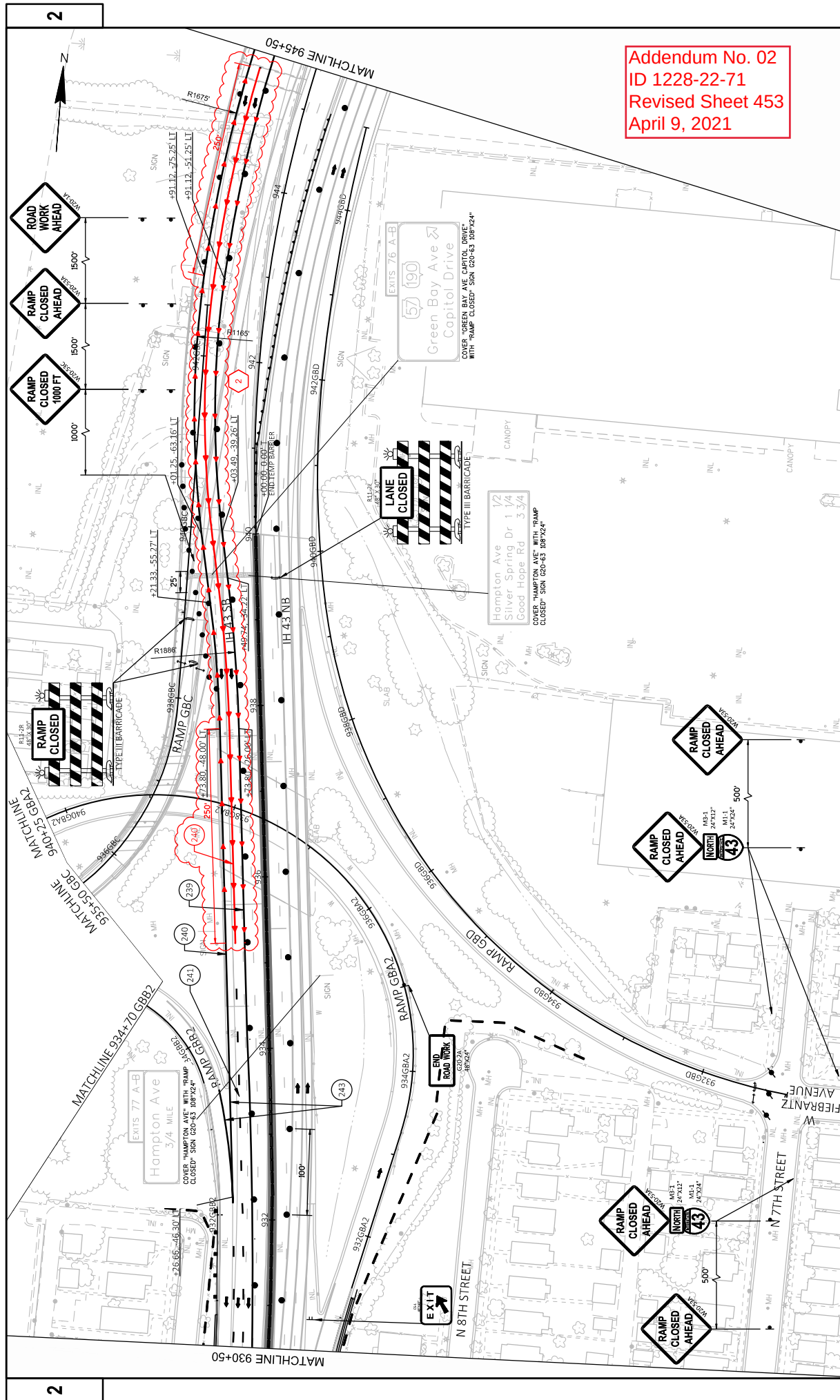
PROJECT NO: 1228-22-71	HWY: IH 43	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 3A	SHEET 441	E
FILE NAME: N:\PDS\CD\122822\1\SHEETS\PLAN CURRENT\PLAN026001 STA3-337.DWG		DATE: 4/9/2021 2:06 AM	BY: JELAC, JOSEPH C	SCALE: 1 IN=100 FT	WISDOT/CADD/SHEET 42
LAYOUT NAME: 04					

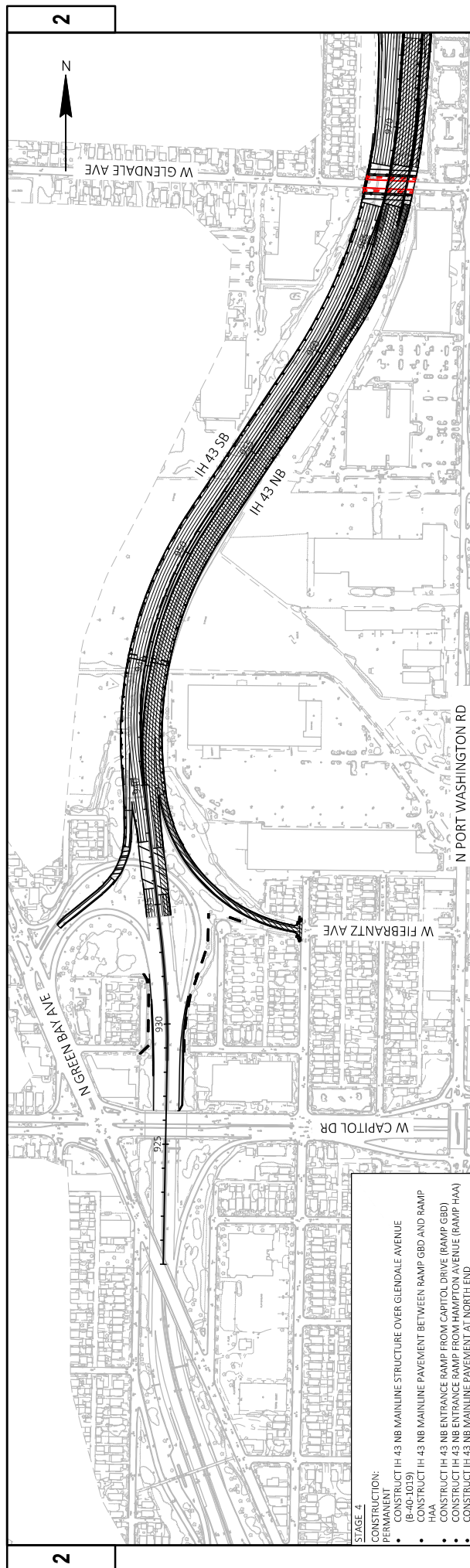
Addendum No. 02
ID 1228-22-71
Revised Sheet 442
April 9, 2021



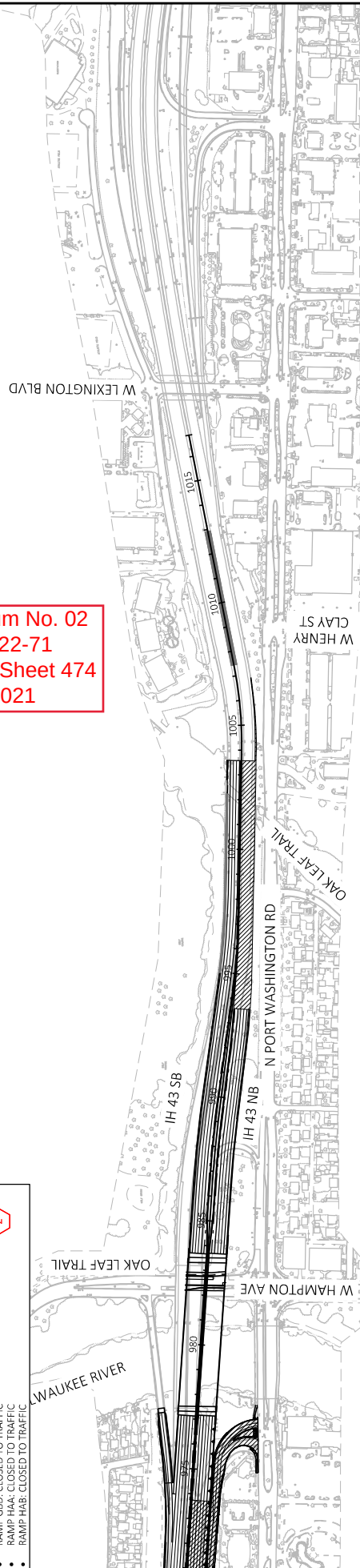
PROJECT NO: 1228-22-71		COUNTY: MILWAUKEE		TRAFFIC CONTROL - STAGE 3A		E	
FILE NAME: N:\PDS\3D\12282271\SHETSPLAN\CURRENT PLAN\026001 STA3-337.DWG		PLOT DATE: 4/9/2021 2:07 AM		PLOT BY: JELACIC, JOSEPH C		PLOT SCALE: 1 IN=100 FT	
LAYOUT NAME: 05		WSDOT/CADDIS SHEET 42					

WISDOT/CADDSS-SHEET 42



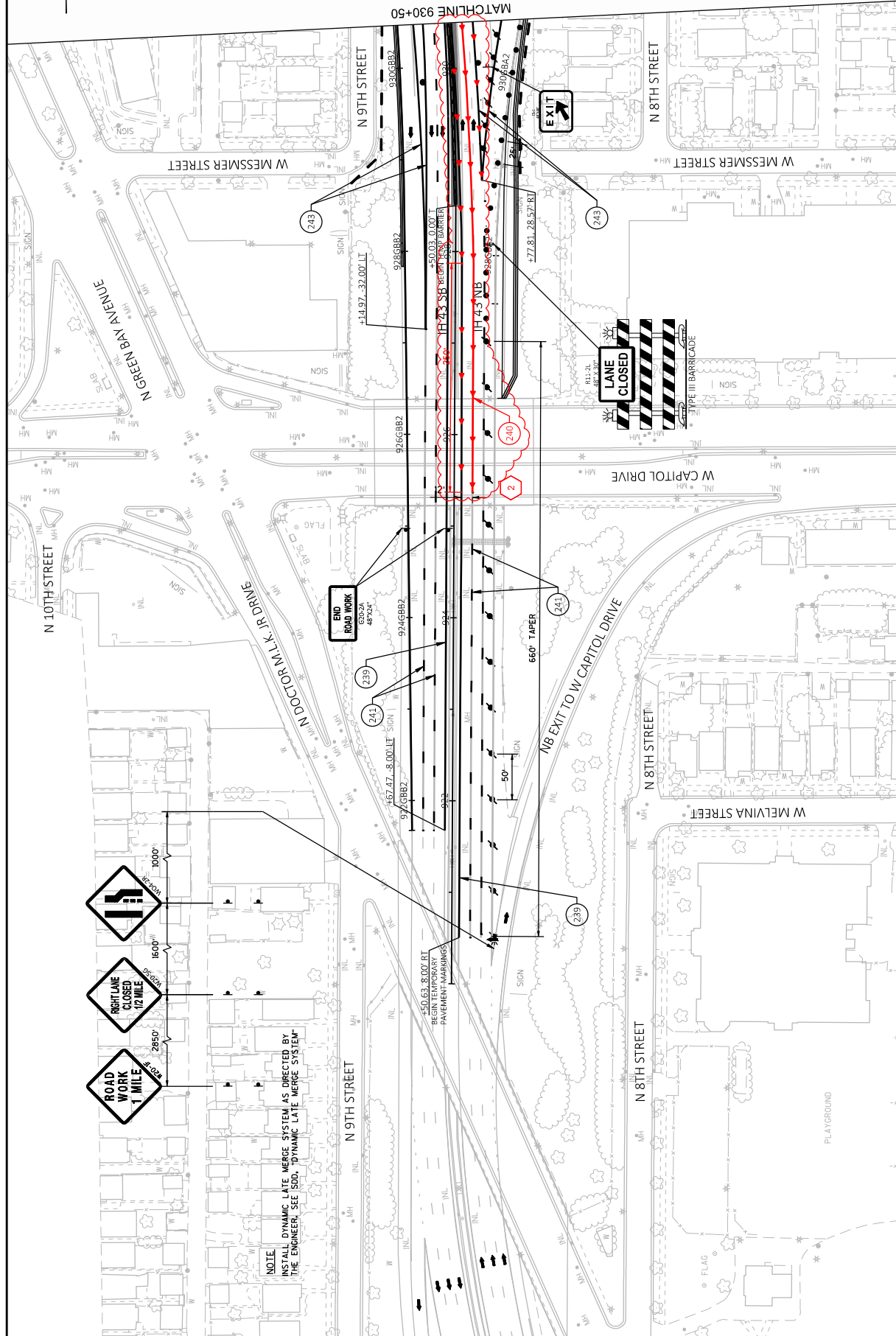


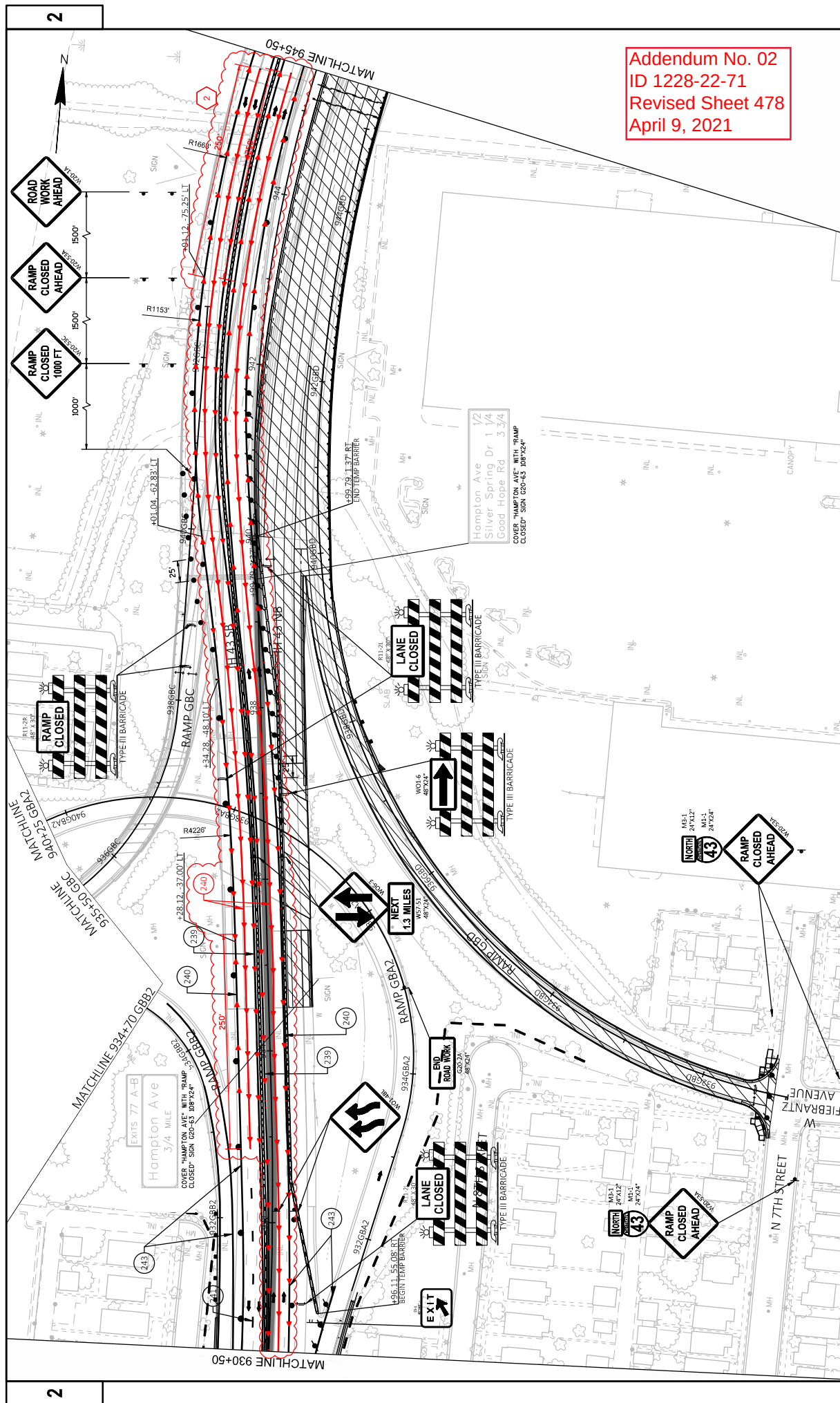
Addendum No. 02
ID 1228-22-71
Revised Sheet 474
April 9, 2021



PROJECT NO:	128-22-71	Hwy:	IH43	COUNTY:	MILWAUKEE	TRAFFIC CONTROL - OVERVIEW STAGE 4	E
FILE NAME: N:\P00\CB01128\271\SHEETSPRAN\CURRENT PLAN\026001-574-Low.DWG							
LAYOUT NAME: OVERVIEW							
PLOT DATE : 4/7/2023 10:40 AM				PLOT BY: JELACIC, JOSEPH C		PLOT SCALE: 1 IN.=400 FT.	
							SHEET
							474

WISDOT/CADDs SHEET 44

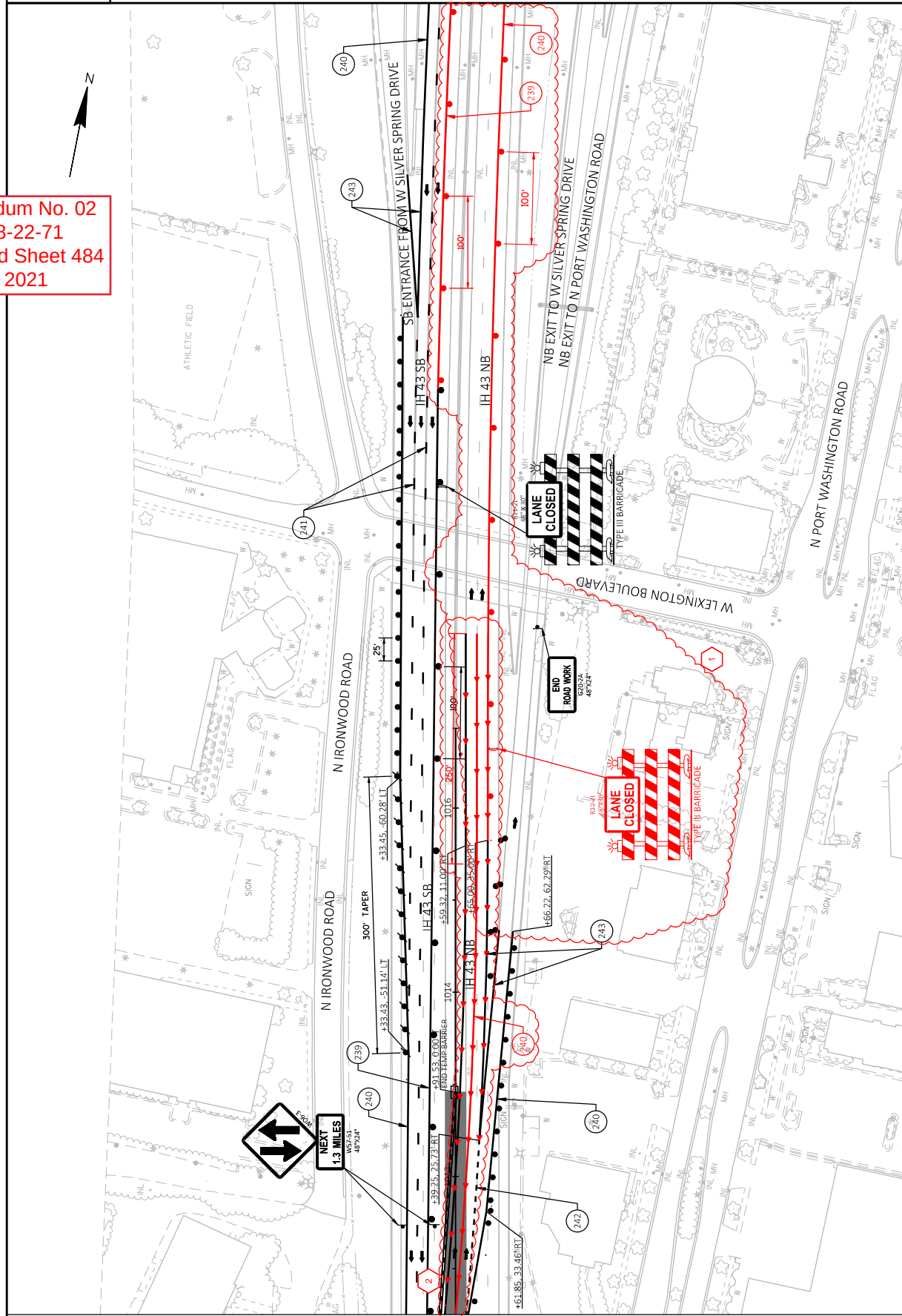




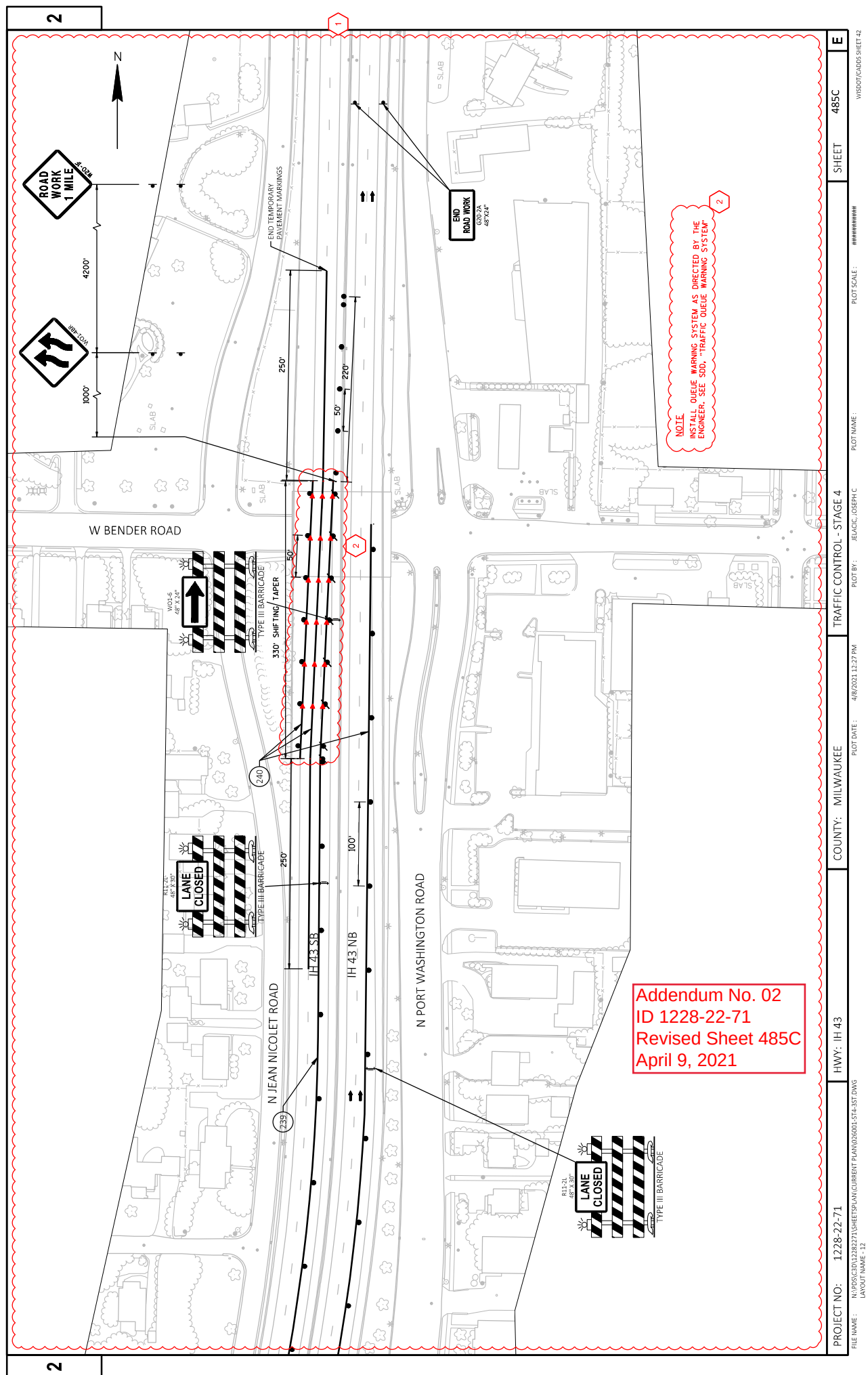
Addendum No. 02
ID 1228-22-71
Revised Sheet 478
April 9, 2021

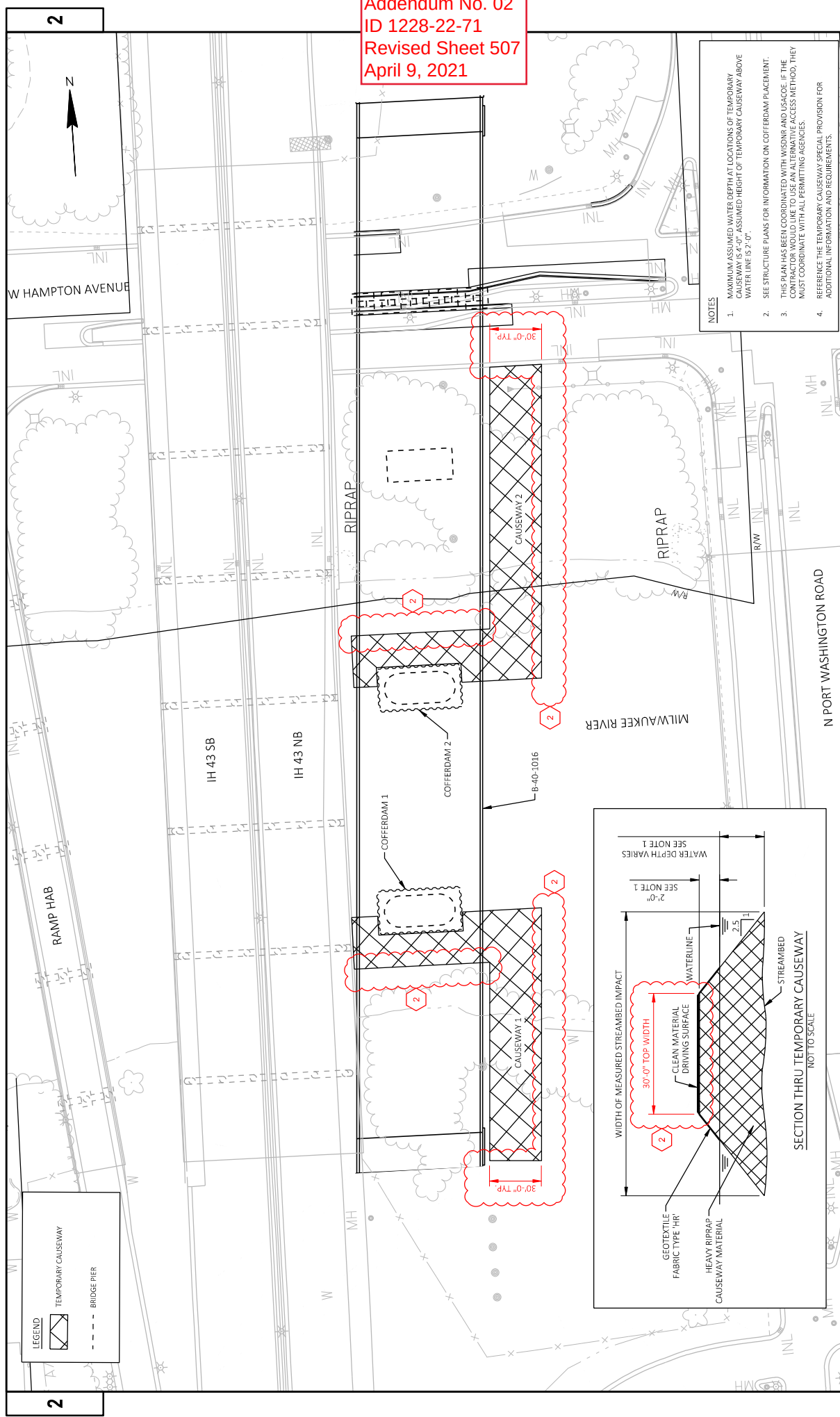
PROJECT NO: 1228-22-71	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 4	SHEET 478	E
FILE NAME: N:\PDS\3D\122822\1\SHETS\PLAN\CURRENT\PLAN\028001.574.351.DWG	PLANT DATE: 4/9/2021 3:21 AM	PLANT BY: JELACIC, JOSEPH C	PLANT SCALE: 1 IN=100 FT	WISDOT/CADDIS SHEET 42
LAYOUT NAME: 02				

Addendum No. 02
ID 1228-22-71
Revised Sheet 484
April 9, 2021



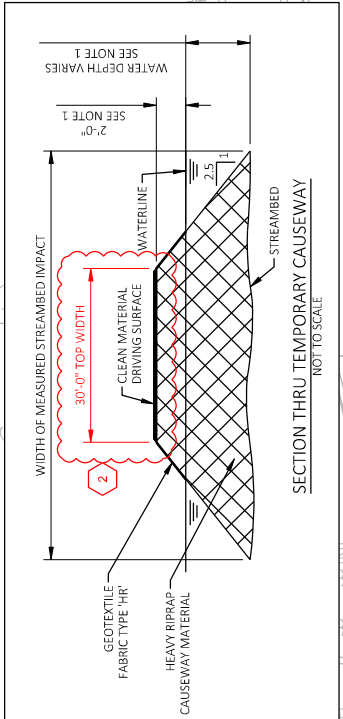
PROJECT NO: 1228-22-71	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 4	SHEET 484	E
FILE NAME: N:\PDS\3D\12282271\SHETS\PLAN\CURRENT PLAN\06001-574-35T.DWG	DATE: 4/9/2021 2:51 AM	BY: JELACIC, JOSEPH C	SCALE: 1 IN=100 FT	WISDOT/CADDIS SHEET 42



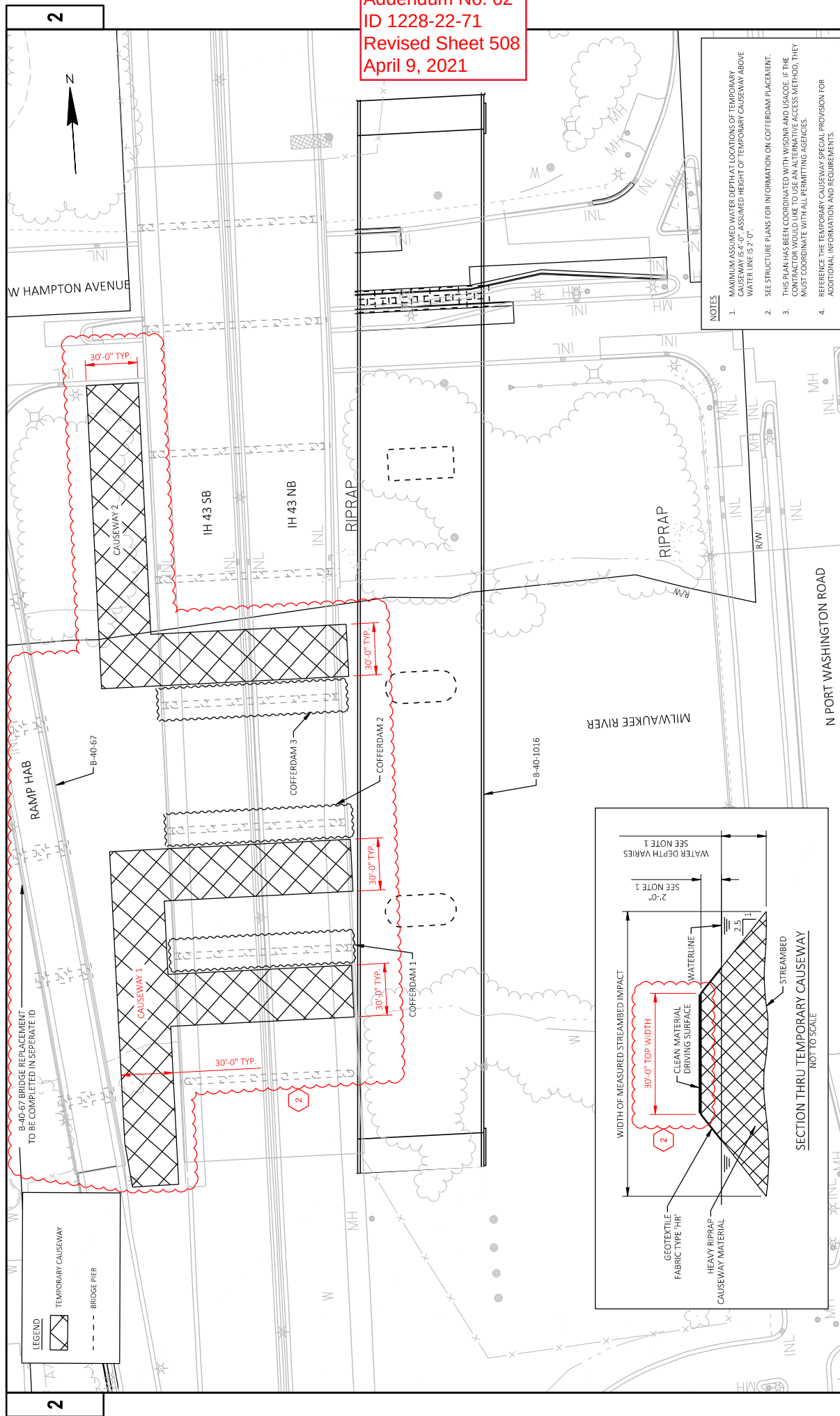


Addendum No. 02
 ID 1228-22-71
 Revised Sheet 507
 April 9, 2021

- NOTES**
1. MAXIMUM ASSUMED WATER DEPTH AT LOCATIONS OF TEMPORARY CAUSEWAYS IS 5.7' ASSUMED HEIGHT OF TEMPORARY CAUSEWAY ABOVE WATER LINE IS 2' 0".
 2. SEE STRUCTURE PLANS FOR INFORMATION ON COFFERDAM PLACEMENT.
 3. THIS PLAN HAS BEEN COORDINATED WITH AGENCIES AND USACE. IF THE CONTRACTOR WOULD LIKE TO USE AN ALTERNATIVE ACCESS METHOD, THEY MUST COORDINATE WITH ALL PERMITTING AGENCIES.
 4. REFERENCE THE TEMPORARY CAUSEWAY SPECIAL PROVISION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



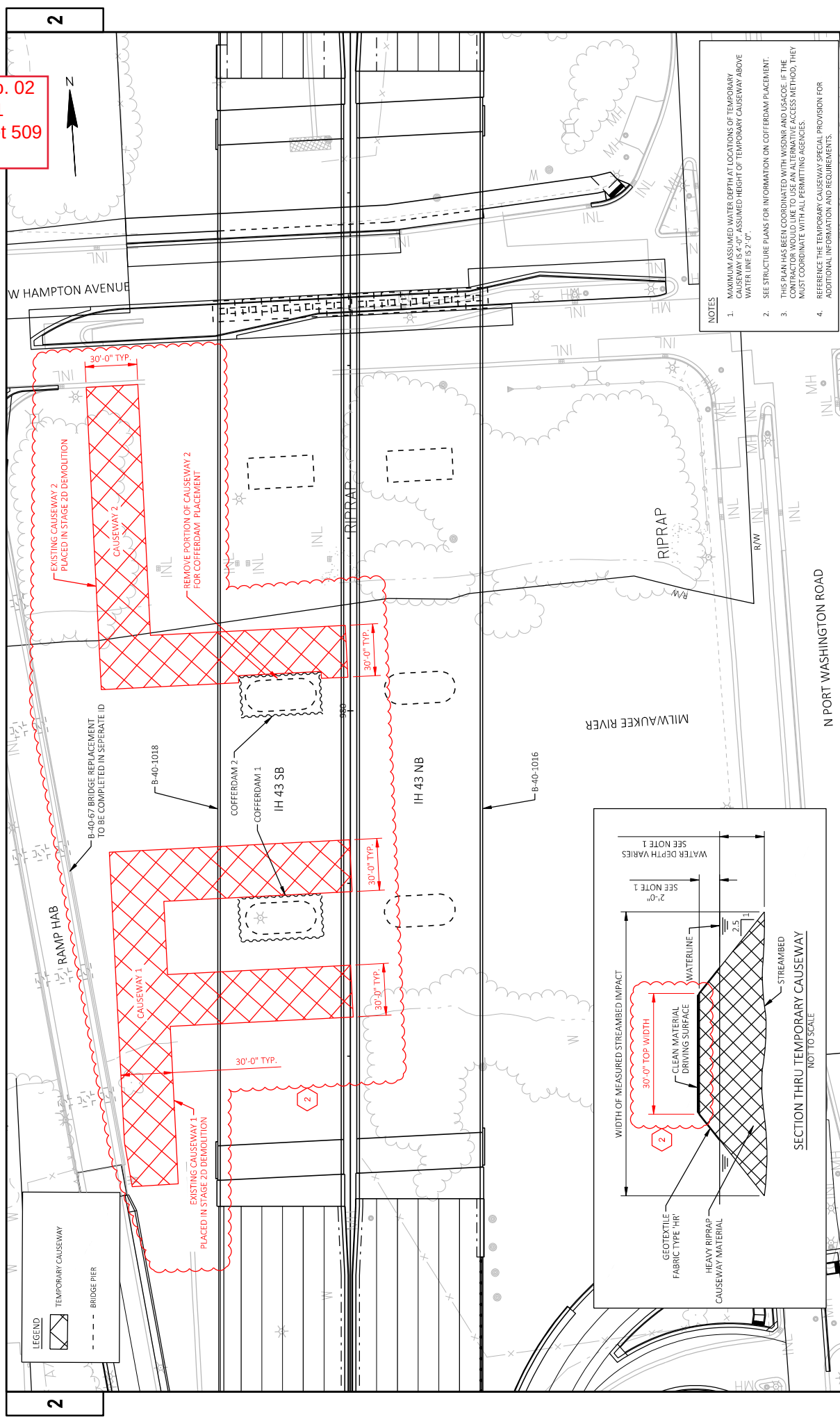
Addendum No. 02
ID 1228-22-71
Revised Sheet 508
April 9, 2021



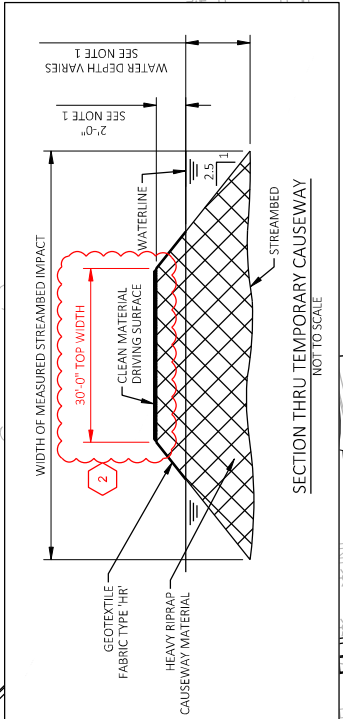
- NOTES
1. MAXIMUM ASSUMED WATER DEPTH AT LOCATIONS OF TEMPORARY CAUSEWAYS IS 5.7' ASSUMED HEIGHT OF TEMPORARY CAUSEWAY ABOVE WATER LINE IS 5.7'.
 2. SEE STRUCTURE PLANS FOR INFORMATION ON COFFERDAM PLACEMENT.
 3. THIS PLAN HAS BEEN COORDINATED WITH WISDOT AND USACE. IF THE CONTRACTOR WOULD LIKE TO USE AN ALTERNATIVE ACCESS METHOD, THEY MUST COORDINATE WITH ALL PERMITTING AGENCIES.
 4. REFERENCE THE TEMPORARY CAUSEWAY SPECIAL PROVISION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

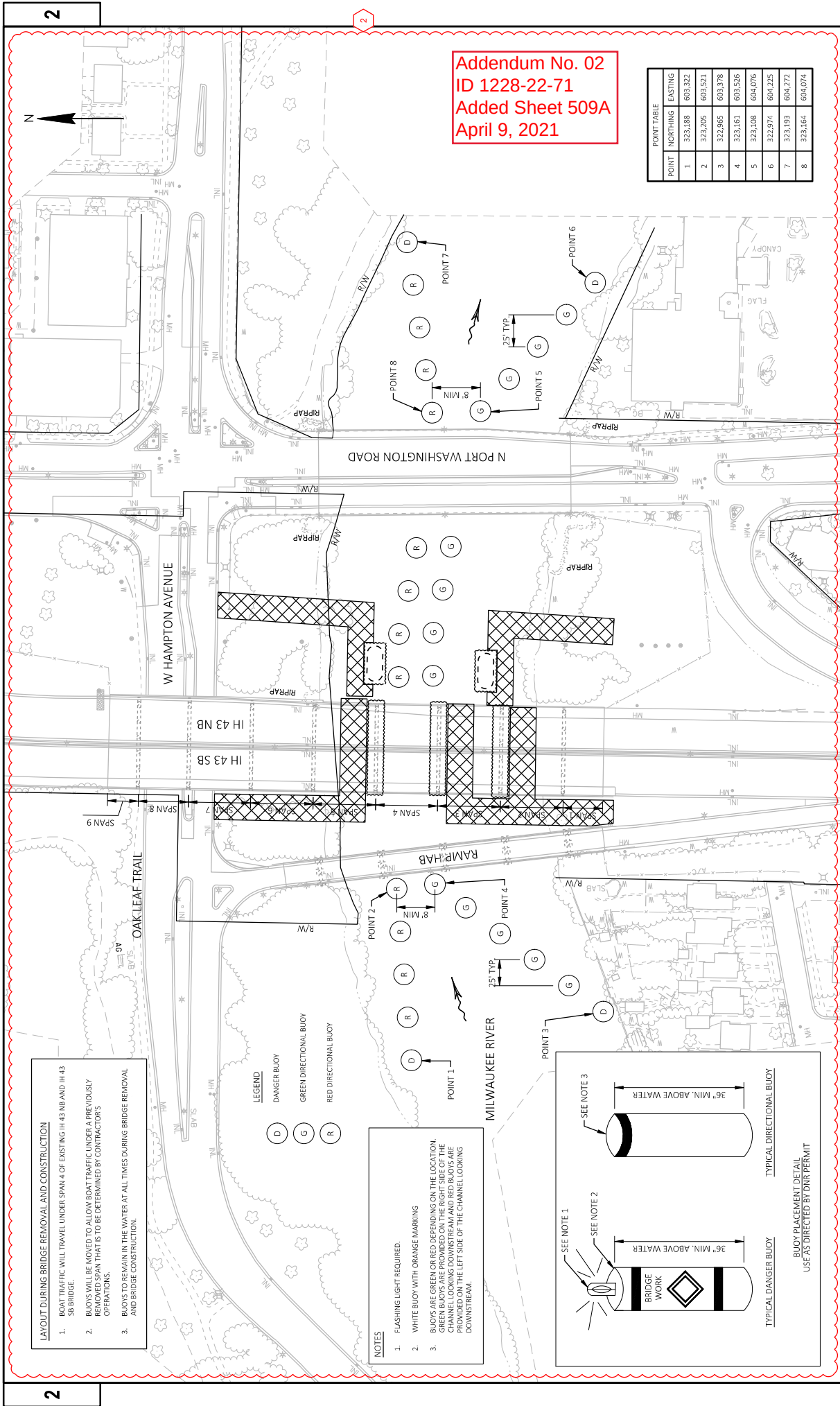
PROJECT NO: 1228-22-71	HWY: IH 43	COUNTY: MILWAUKEE	TEMPORARY CAUSEWAYS - STAGE 2D DEMOLITION	SHEET 508	E
FILE NAME: N:\PDS\3D\122822\1\SHEETS\PLAN\CURRENT\PLAN\025001 ST09_TEMP CAUSEWAY-3ST.DWG	LAYOUT NAME: 01	DATE: 4/9/2021 8:41 AM	DESIGNED BY: SANTIAGO PEREZ, EDGA	PLOT SCALE: 1 IN=50 FT	WISDOT/CADDIS SHEET 42

Addendum No. 02
ID 1228-22-71
Revised Sheet 509
April 9, 2021



- NOTES
1. MAXIMUM ASSUMED WATER DEPTH AT LOCATIONS OF TEMPORARY CAUSEWAYS IS 5.7'. ASSUMED HEIGHT OF TEMPORARY CAUSEWAY ABOVE WATER LINE IS 2.0'.
 2. SEE STRUCTURE PLANS FOR INFORMATION ON COFFERDAM PLACEMENT.
 3. THIS PLAN HAS BEEN COORDINATED WITH AGENCIES AND USACE. IF THE CONTRACTOR WOULD LIKE TO USE AN ALTERNATIVE ACCESS METHOD, THEY MUST COORDINATE WITH ALL PERMITTING AGENCIES.
 4. REFERENCE THE TEMPORARY CAUSEWAY SPECIAL PROVISION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

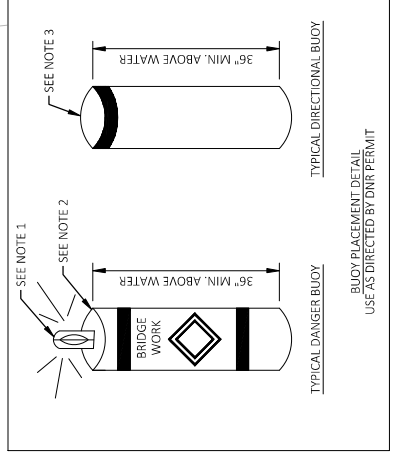




- LAYOUT DURING BRIDGE REMOVAL AND CONSTRUCTION**
1. BOAT TRAFFIC WILL TRAVEL UNDER SPAN 4 OF EXISTING IH 43 NB AND IH 43 SB BRIDGE.
 2. BUOYS WILL BE MOVED TO ALLOW BOAT TRAFFIC UNDER A PREVIOUSLY REMOVED SPAN THAT IS TO BE DETERMINED BY CONTRACTOR'S OPERATIONS.
 3. BUOYS TO REMAIN IN THE WATER AT ALL TIMES DURING BRIDGE REMOVAL AND BRIDGE CONSTRUCTION.

- LEGEND**
- D DANGER BUOY
 - G GREEN DIRECTIONAL BUOY
 - R RED DIRECTIONAL BUOY

- NOTES**
1. FLASHING LIGHT REQUIRED.
 2. WHITE BUOY WITH ORANGE MARKING
 3. BUOYS ARE GREEN OR RED DEPENDING ON THE LOCATION. GREEN BUOYS ARE PROVIDED ON THE RIGHT SIDE OF THE CHANNEL LOOKING DOWNSTREAM AND RED BUOYS ARE PROVIDED ON THE LEFT SIDE OF THE CHANNEL LOOKING DOWNSTREAM.



Addendum No. 02
ID 1228-22-71
Added Sheet 509A
April 9, 2021

POINT	NORTHING	EASTING
1	323,188	603,322
2	323,205	603,521
3	322,965	603,378
4	323,161	603,526
5	323,108	604,076
6	322,974	604,225
7	323,193	604,272
8	323,164	604,074

EARTHWORK SUMMARY													CATEGORY 1000 UNLESS OTHERWISE NOTED		
DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1)		SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	SPV.0195.0001 MANAGEMENT OF CONTAMINATED SOIL AND CONTAMINATED SEDIMENT (TON) - CV*1.7	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13)		MASS ORDNATE +/- (14)	WASTE	208.0100 BORROW	COMMENT	
			CUT (2)	EBS EXCAVATION (3)					FACTOR 1.10						
DIVISION 1															
1	926+40 TO 993+62	IH 43 NB	3,634	0	522	0	3,112	33,522	36,874	-33,762	0	0	33,762		
1	942+43 TO 960+98	IH 43 SB	22,109	0	85	15,431	31,101	32,212	35,433	-4,332	0	0	4,332		
1	15+23 TO 32+00	NB1	1,702	0	301	0	1,702	9,315	10,247	-8,846	0	0	8,846		
1	11+52 TO 16+20	NB2	653	0	89	0	564	334	304	230	0	0	230		
1	11+88 TO 17+53	SB2	2,632	0	133	0	2,499	2,640	2,904	-405	0	0	405		
DIVISION 1 SUBTOTAL	30,730			0	1,130	15,431	38,677	77,993	85,792	-47,115	230		47,345		
DIVISION 2															
2A	973+75 TO 994+00	IH 43 NB	1,122	0	534	0	588	285	314	275	275	0	0		
2A	18+32 TO 2279	SB3	853	0	954	0	-101	985	1,084	-1,185	0	0	1,185		
2C1	997+06 TO 1012+92	IH 43 NB/SB	696	0	696	0	0	0	0	0	0	0	0		
2C1	10+47 TO 16+04	SB1	882	0	289	0	593	13,835	15,219	-14,626	0	0	14,626		
2C2	10+00 TO 15+69	SB3	4,740	0	862	0	3,878	24	26	3,852	0	0	3,852		
2D	934+50 TO 939+50	IH 43 NB	964	0	199	0	765	959	1,055	-290	0	0	290		
2D	934+50 TO 1003+58	IH 43 SB	41,556	0	11,316	0	30,240	40,122	44,134	-13,894	0	0	13,894		
2D	932+98 TO 937+42	RAMP GBC	1,036	0	375	0	661	228	251	410	0	0	410		
2D	971+93 TO 977+33	RAMP HAB	868	0	679	0	189	660	726	-537	0	0	537		
2D	1003+90 TO 1005+90	OAK LEAF POND	6,133	0	0	0	6,133	0	0	6,133	6,133	0	0		
DIVISION 2 SUBTOTAL	58,850			0	15,904	0	42,946	57,098	62,808	-19,862	10,669		30,531		
DIVISION 3															
3A	934+50 TO 963+20	IH 43 SB	2,962	0	421	0	2,541	112	123	2,418	2,418	0	0		
3A	937+42 TO 941+28	RAMP GBC	1,998	0	641	0	1,357	1,507	1,658	-301	0	0	301		
3B	934+50 TO 965+60	IH 43 SB	2,299	0	978	0	1,321	20	22	1,299	1,299	0	0		
DIVISION 3 SUBTOTAL	7,259			0	2,040	0	5,219	1,639	1,803	3,416	3,717		301		
DIVISION 4															
4	936+90 TO 1006+83	IH 43 NB	88,002	0	6,752	0	81,250	33,834	37,217	44,033	44,033	0	0		
4	931+33 TO 942+16	RAMP GBD	3,222	0	902	0	2,320	3,965	4,362	-2,042	0	0	2,042		
4	961+51 TO 978+08	RAMP HAA	9,210	0	2,010	0	7,200	2,790	3,069	4,131	4,131	0	0		
DIVISION 4 SUBTOTAL	100,434			0	9,664	0	90,770	40,589	44,648	46,122	48,164		2,042		
DIVISION 5															
5	1007+45 TO 1012+92	IH 43 NB/SB	628	0	628	0	0	0	0	0	0	0	0		
DIVISION 5 SUBTOTAL	628			0	628	0	0	0	0	0	0		0		
GRAND TOTAL			197,901	0	29,366	15,431	177,612	177,319	195,051	-17,439	62,779		80,218		
NOTES: (1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100 (2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT. (3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNER'S CHOICE, CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL. (4) SALVAGED/UNUSABLE PAVEMENT MATERIAL (5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL (13) EXPANDED FILL FACTOR = 1.10 DEPEND ON SELECTIONS: OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH - REDUCED EBS) * FILL FACTOR OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED MARSH) * FILL FACTOR OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK) * FILL FACTOR (14) THE MASS ORDNATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.															
PROJECT NO: 1228-22-71	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES			CATEGORY 1000 UNLESS OTHERWISE NOTED			SHEET: 566	E					

Addendum No. 02
ID 1228-22-71
Revised Sheet 566
April 9, 2021

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NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
(2) SALVAGED/UNUSABLE PAYMENT MATERIAL IS INCLUDED IN CUT.
(3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNER'S CHOICE. CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL.
(4) SALVAGED/UNUSABLE PAYMENT MATERIAL
(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAYMENT MATERIAL
(13) EXPANDED FILL FACTOR = 1.10
EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH - REDUCED EBS) * FILL FACTOR
OR
EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH) * FILL FACTOR
OR
EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK) * FILL FACTOR
(14) THE MASS ORDNATE +/- OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

BASE AGGREGATE ITEMS *						
STAGE	ROADWAY	STATION	TO	STATION	TON	312.0115 SELECT CRUSHED MATERIAL CY
305.0120 BASE AGGREGATE DENSE 1 1/4 INCH TON						
312.0110 SELECT CRUSHED MATERIAL TON						
312.0115 SELECT CRUSHED MATERIAL CY						
MAINLINE						
<u>IH 43 NB TEMPORARY</u>						
1		15+25	-	25+03	1670	-
1		26+64	-	32+02	1520	-
1		11+52	-	16+20	530	-
<u>IH 43 SB TEMPORARY</u>						
1		10+47	-	14+36	1030	-
1		11+85	-	17+53	1360	-
2A		10+00	-	15+69	1590	-
2C		18+30	-	22+79	1800	-
SUBTOTAL					9500	-
ALL						
<u>MAINLINE</u>						
<u>IH 43 NB</u>						
		926+40	-	934+50	445	-
		934+50	-	935+83	183	-
		937+08	-	967+10	9483	-
		968+20	-	977+36	2490	-
		983+52	-	1003+58	5123	-
<u>IH 43 SB</u>						
		926+40	-	934+50	285	-
		934+50	-	935+95	240	-
		937+20	-	966+93	9099	-
		968+06	-	977+32	2935	-
		983+48	-	1003+58	5132	-
		1007+45	-	1012+92	223	-
SUBTOTAL					35638	-
SUBTOTAL					87867	-

Addendum No. 02
ID 1228-22-71
Revised Sheet 567
April 9, 2021

2

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 567

E

FILE NAME : N:\PDS\...030200_msl.pptx

PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

PLOT SCALE : 1:1

(CONTINUED ON NEXT SHEET)

*ADDITIONAL QUANTITIES FOUND ELSEWHERE
CATEGORY 1000 UNLESS OTHERWISE NOTED

BASE AGGREGATE ITEMS (CONTINUED)

*

STAGE	ROADWAY	STATION	TO	STATION	TON	BASE AGGREGATE DENSE 1 1/4 INCH	312.0110 SELECT CRUSHED MATERIAL	312.0115 SELECT CRUSHED MATERIAL
ALL	<u>RAMPS</u>							
	<u>RAMIP GBC</u>							
		932+98 GBC	-	936+04 GBC	360		911	-
		937+42 GBC	-	938+93 GBC	176		447	-
	<u>RAMIP GBD</u>							
		931+09 GBD	-	939+75 GBD	1067		2702	-
	<u>RAMIP HAA</u>							
		968+66 HAA	-	978+10 HAA	1571		3980	-
	<u>RAMIP HAB</u>							
		974+31 HAB	-	977+15 HAB	402		1018	-
		981+23 HAB	-	981+91 HAB	105		267	-
	SUBTOTAL				3681		9325	-
ALL	<u>LOCAL ROADS</u>							
	<u>W HAMPTON AVENUE</u>							
		10+74 HA	-	17+04 HA	300		-	-
	<u>N GREEN BAY AVENUE</u>							
		35+17 GB	-	37+86 GB	28		-	-
	<u>N PORT WASHINGTON ROAD</u>							
		97+86 PW	-	101+59 PW	236		-	-
		110+35 PW	-	111+35 PW	35		-	-
	<u>N 7TH STREET</u>							
		9+56 ST	-	10+36 ST	7		-	-
	SUBTOTAL				606		-	-
	TOTAL				49425		128941	-

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Addendum No. 02
ID 1228-22-71
Revised Sheet 568
April 9, 2021

*ADDITIONAL QUANTITIES FOUND ELSEWHERE
CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 568

E

FILE NAME : N:\PDS\...030200_...ms.psd

PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

PLOT SCALE : 1:1

3

3

WATERWAY MARKERS

STAGE	LOCATION	NUMBER OF CLOSURES		SPV.0045.0002 WATERWAY BUOYS	
		DAYS	EACH	DAY	DAY
1	B-40-1016	127	78	9,906	
2B	DEMO NB OVER RIVER	70	78	5,460	
2D	DEMO SB OVER RIVER/B-40-1018	126	78	9,828	
TOTAL				25,194	

Maintenance and Repair

STAGE	LOCATION	618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS (1228-22-71)	
		EACH	
ALL	PROJECT 1228-22-71	1	
TOTAL		1	

EROSION CONTROL ITEMS

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	CY	RIPRAP MEDIUM	GEOTEXTILE TYPE R	EROSION BALES	SILT FENCE LF	SILT FENCE MAINTENANCE LF	MOBILIZATIONS EROSION CONTROL	MOBILIZATIONS EROSION CONTROL	SOIL STABILIZER TYPE B ACRE	TEMPORARY DITCH CHECKS LF	ROCK BAGS EACH
1 PROJECT ID 1228-22-71																
MAINLINE																
IH 43																
		941+29	-	966+79	LT	8		22	-	1,260	1,260	-	-	-	-	-
		983+28	-	995+89	RT	-		-	-	1,284	1,284	-	-	-	-	-
RAMPS																
HAA																
		962+00	-	967+82	LT/RT	4		11	-	641	641	-	-	-	80	-
		968+45	-	977+52	LT/RT	-		-	-	547	547	-	-	-	32	-
SUBTOTAL						12		33	-	3,732	3,732	-	-	-	112	-

Addendum No. 02

ID 1228-22-71

Added Sheet 580A

April 9, 2021

(CONTINUED ON NEXT SHEET)

*ADDITIONAL QUANTITIES FOUND ELSEWHERE CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 580A

E

FILE NAME: N:\PDS\...030200...ms.psd

PLOT NAME: June 14, 1911

PLOT BY: A.R.H.

PLOT SCALE: 1:1

EROSION CONTROL ITEMS (CONTINUED)

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	606.0200	645.0130	628.1104	628.1504	628.1520	628.1905	628.1910	628.6510	628.7504	628.7570
						RIPRAP MEDIUM CY	GEOTEXTILE TYPE R SY	EROSION BALES EACH	SILT FENCE LF	SILT FENCE MAINTENANCE LF	MOBILIZATIONS EROSION CONTROL EACH	MOBILIZATIONS EROSION CONTROL EACH	SOIL STABILIZER TYPE B ACRE	TEMPORARY DITCH CHECKS LF	ROCK BAGS EACH
2	PROJECT ID 1228-22-71 MAINLINE IH 43	937+17	-	967+25	LT	-	-	1	1,735	1,735	-	-	-	520	-
		964+50	-	967+49	RT	-	-	-	-	-	-	-	0.40	440	-
		963+38	-	1005+91	LT	6	18	2	1,109	1,109	-	-	0.12	-	2
	RAMPS														
	GBA2	928+00	-	934+00	LT/RT	-	-	-	-	-	-	-	-	-	-
		934+00	-	944+00	LT/RT	-	-	-	-	-	-	-	-	-	-
	GBE2	922+00	-	934+00	LT/RT	-	-	-	-	-	-	-	-	-	-
		934+00	-	940+00	LT/RT	-	-	-	-	-	-	-	-	-	-
	GBD	930+97	-	945+00	LT/RT	-	-	-	-	-	-	-	-	-	-
	GBC	933+60	-	936+41	LT/RT	-	-	2	312	312	-	-	-	-	-
	HAA	960+00	-	970+00	LT/RT	-	-	-	-	-	-	-	-	-	-
		970+00	-	979+00	LT/RT	-	-	-	-	-	-	-	-	-	-
	HAB	967+64	-	977+33	LT/RT	-	-	1	1016	1,016	-	-	-	-	-
	LOCAL ROADS														
	N PORT WASHINGTON ROAD	97+00	-	113+00	LT/RT	-	-	-	-	-	-	-	-	-	-
	W HAMPTON AVENUE	13+00	-	18+00	LT/RT	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL					6	18	6	4,172	4,172	2	2	0.52	960	-

Addendum No. 02
ID 1228-22-71
Revised Sheet 581
April 9, 2021

(CONTINUED ON NEXT SHEET)

*ADDITIONAL QUANTITIES FOUND ELSEWHERE
CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 581

E

FILE NAME : N:\PDS\...030200_mrg.psd

PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

PLOT SCALE : 1:1

EROSION CONTROL ITEMS (CONTINUED)

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	606.0200	645.0130	EROSION BALES EACH	SILT FENCE LF	SILT FENCE MAINTENANCE LF	MOBILIZATIONS EROSION CONTROL EACH	MOBILIZATIONS EROSION CONTROL EACH	SOIL STABILIZER TYPE B ACRE	TEMPORARY DITCH CHECKS LF	ROCK BAGS EACH
4	PROJECT ID 1228-22-71 MAINLINE IH 43	922+00	-	960+00	L7/RT	-	-	-	1,485	1,485	-	-	-	-	-
		960+00	-	1000+00	L7/RT	-	-	2	1,721	1,721	-	-	-	-	-
		1000+00	-	1016+00	L7/RT	-	-	-	261	261	-	-	-	-	-
	RAMPS GBA2	928+00	-	934+00	L7/RT	-	-	-	-	-	-	-	-	-	-
		934+00	-	944+00	L7/RT	-	-	-	-	-	-	-	-	-	-
	GBB2	922+00	-	934+00	L7/RT	-	-	-	-	-	-	-	-	-	-
		934+00	-	940+00	L7/RT	-	-	-	-	-	-	-	-	-	-
	GBD	930+97	-	945+00	L7/RT	-	-	4	2168	2168	-	-	-	-	-
	GBC	931+00	-	943+00	L7/RT	-	-	-	-	-	-	-	-	-	-
	HAA	960+00	-	970+00	L7/RT	-	-	2	860	860	-	-	-	-	-
		970+00	-	979+00	L7/RT	-	-	2	2000	2,000	-	-	-	-	-
	HAB	969+00	-	982+00	L7/RT	-	-	-	-	-	-	-	-	-	-
	LOCAL ROADS N PORT WASHINGTON ROAD	974+00	-	113+00	L7/RT	-	-	-	-	-	-	-	-	-	-
	W HAMPTON AVENUE	13+00	-	18+00	L7/RT	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL					-	-	10	8,495	8,495	-	-	-	-	-
	PROJECT ID 1228-22-71 UNDISTRIBUTED					5	15	5	4,920	4,920	33	33	0.48	15	500
	PROJECT ID 1228-22-71 TOTAL					23	66	21	21,319	21,319	33	33	1	1,067	500
	CONTRACT TOTAL					23	66	21	21,319	21,319	33	33	1	1,067	500

Addendum No. 02
ID 1228-22-71
Revised Sheet 582
April 9, 2021

*ADDITIONAL QUANTITIES FOUND ELSEWHERE
CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 582

E

FILE NAME : N:\PDS\...030200_mfg.pptx

PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

PLOT SCALE : 1:11

INLET PROTECTION ITEMS

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	INLET PROTECTION TYPE A	INLET PROTECTION TYPE B	INLET PROTECTION TYPE C	INLET PROTECTION TYPE D	628.7005	628.7010	628.7015	628.7020
1	PROJECT ID 1228-22-71 MAINLINE IH 43												
		922+00	-	960+00	L7/RT	13	3	--	42				
		960+00	-	1000+00	L7/RT	25	--	--	67				
		1000+00	-	1016+00	L7/RT	6	--	--	30				
	RAMPS GBA2	928+00	-	934+00	L7/RT	--	--	--	1				
		934+00	-	944+00	L7/RT	3	--	2	5				
	GBB2	922+00	-	934+00	L7/RT	2	--	--	4				
		934+00	-	940+00	L7/RT	--	--	--	--				
	GBD	930+97	-	945+00	L7/RT	1	3	1	6				
	GBC	931+00	-	943+00	L7/RT	1	1	--	2				
	HAA	960+00	-	970+00	L7/RT	--	--	--	--				
		970+00	-	979+00	L7/RT	1	--	--	3				
	HAB	969+00	-	982+00	L7/RT	--	--	--	2				
	LOCAL ROADS N PORT WASHINGTON ROAD	97+00	-	113+00	L7/RT	1	1	14	2				
	W HAMPTON AVENUE	13+00	-	18+00	L7/RT	3	4	7	8				
	SUBTOTAL					56	12	24	172				

2

INLET PROTECTION ITEMS (CONTINUED)

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	INLET PROTECTION TYPE A	INLET PROTECTION TYPE B	INLET PROTECTION TYPE C	INLET PROTECTION TYPE D	628.7005	628.7010	628.7015	628.7020
2	PROJECT ID 1228-22-71 MAINLINE IH 43												
		922+00	-	960+00	L7/RT	30	--	--	30				
		960+00	-	1000+00	L7/RT	38	--	--	35				
		1000+00	-	1016+00	L7/RT	14	--	--	14				
	RAMPS GBA2	928+00	-	934+00	L7/RT	--	--	--	--				
		934+00	-	944+00	L7/RT	--	--	--	--				
	GBB2	922+00	-	934+00	L7/RT	--	--	--	--				
		934+00	-	940+00	L7/RT	--	--	--	--				
	GBD	930+97	-	945+00	L7/RT	--	--	--	--				
	GBC	931+00	-	943+00	L7/RT	1	--	--	1				
	HAA	960+00	-	970+00	L7/RT	--	--	--	--				
		970+00	-	979+00	L7/RT	--	--	--	--				
	HAB	969+00	-	982+00	L7/RT	2	--	2	2				
	LOCAL ROADS N PORT WASHINGTON ROAD	97+00	-	113+00	L7/RT	--	--	--	--				
	W HAMPTON AVENUE	13+00	-	18+00	L7/RT	--	--	--	--				
	SUBTOTAL					85	--	2	82				

(CONTINUED ON NEXT SHEET)

*ADDITIONAL QUANTITIES FOUND ELSEWHERE
CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 583

E

FILE NAME : N:\PDS\...1030200_mfg.psd

PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

PLOT SCALE : 1:11

INLET PROTECTION ITEMS (CONTINUED)

4 PROJECT ID 1228-22-71
MAINLINE
IH 43

STAGE	ROADWAY	STATION	TO	STATION	OFFSET	INLET PROTECTION TYPE A EACH	INLET PROTECTION TYPE B EACH	INLET PROTECTION TYPE C EACH	INLET PROTECTION TYPE D EACH
		922+00	-	960+00	L7/RT	46	-	-	46
		960+00	-	1000+00	L7/RT	101	-	-	119
		1000+00	-	1016+00	L7/RT	37	-	-	37
RAMPS									
	GBA2	928+00	-	934+00	L7/RT	-	-	-	-
		934+00	-	944+00	L7/RT	-	-	-	-
GBB2									
		922+00	-	934+00	L7/RT	-	-	-	-
		934+00	-	940+00	L7/RT	-	-	-	-
GBD									
		930+97	-	945+00	L7/RT	15	-	12	3
GBC									
		931+00	-	943+00	L7/RT	3	-	3	-
HAA									
		960+00	-	970+00	L7/RT	16	-	7	6
		970+00	-	979+00	L7/RT	9	-	8	1
HAB									
		969+00	-	982+00	L7/RT	2	-	1	1
LOCAL ROADS									
	N PORT WASHINGTON ROAD	97+00	-	113+00	L7/RT	15	-	14	-
W HAMPTON AVENUE									
		13+00	-	18+00	L7/RT	4	-	4	-
SUBTOTAL						248	-	49	213
UNDISTRIBUTED						117	4	23	140
PROJECT ID 1228-22-71 TOTAL						506	16	98	607
CONTRACT TOTAL						506	16	98	607

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Addendum No. 02
ID 1228-22-71
Revised Sheet 584
April 9, 2021

*ADDITIONAL QUANTITIES FOUND ELSEWHERE
CATEGORY 1000 UNLESS OTHERWISE NOTED

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 584

E

FILE NAME: N:\PDS\1030200_msl.psd

PLOT DATE: June 14, 1911

PLOT BY: A.R.H.

PLOT NAME:

PLOT SCALE: 1:11

RESTORATION ITEMS													
STAGE	ROADWAY	STATION	TO	STATION	OFFSET	MULCHING	SY	CLASS I TYPE B	SY	CLASS II TYPE C	EROSION MAT	628.2027 SY	SPV.0180.0301 SY
1 PROJECT ID 1228-22-71													
MAINLINE													
IH 43													
		941+36	-	966+79	LT	-	-	12041	-	-	-	-	-
		961+97	-	977+53	RT	-	-	7863	-	-	-	-	-
		983+35	-	998+24	RT	-	-	5096	-	-	-	-	-
RAMPS													
GBA2													
		928+00	-	934+00	LT/RT	-	-	-	-	-	-	-	-
		934+00	-	944+00	LT/RT	-	-	-	-	-	-	-	-
GBB2													
		922+00	-	934+00	LT/RT	-	-	-	-	-	-	-	-
		934+00	-	940+00	LT/RT	-	-	-	-	-	-	-	-
GBD													
		930+97	-	945+00	LT/RT	-	-	-	-	-	-	-	-
GBC													
		931+00	-	943+00	LT/RT	-	-	-	-	-	-	-	-
HAA													
		960+00	-	970+00	LT/RT	-	-	-	-	-	-	-	-
		970+00	-	979+00	LT/RT	-	-	-	-	-	-	-	-
HAB													
		969+00	-	982+00	LT/RT	-	-	-	-	-	-	-	-
LOCAL ROADS													
N PORT WASHINGTON ROAD													
		97+00	-	113+00	LT/RT	-	-	-	-	-	-	-	-
W HAMPTON AVENUE													
		13+00	-	18+00	LT/RT	-	-	-	-	-	-	-	-
SUBTOTAL													
			-			-	25000	-	-	-	-	-	-
(CONTINUED ON NEXT SHEET)													
*ADDITIONAL QUANTITIES FOUND ELSEWHERE CATEGORY 1000 UNLESS OTHERWISE NOTED													
PROJECT NO: 1228-22-71		HWY: IH 43		COUNTY: MILWAUKEE		MISCELLANEOUS QUANTITIES		PLOT NAME:		PLOT SCALE: 1:1		SHEET: 585	
FILE NAME: N:\PDS\...030200_msl.psd													

Addendum No. 02
ID 1228-22-71
Revised Sheet 585
April 9, 2021

585

Addendum No. 02
ID 1228-22-71
Revised Sheet 585
April 9, 2021

(CONTINUED ON NEXT SHEET)

RESTORATION ITEMS (CONTINUED)																
STAGE	ROADWAY	STATION	TO	STATION	OFFSET	MULCHING	SY	627.0200	628.2004 EROSION MAT	628.2027 EROSION MAT	629.0205 FERTILIZER TYPE A CWT	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	SPV.0180.0301 TOPSOIL SPECIAL SY
2PROJECT ID 1228-22-71 MAINLINE IH 43																
		937+11	-	967+08	LT	-	-	-	4,379	10,727	-	10	612	-	339	15,106
		954+50	-	967+49	RT	-	-	-	8,971	-	4	2	118	-	201	8,971
		983+45	-	1005+91	LT	-	-	-	6,011	1,377	1	3	206	-	166	7,388
RAMPS GBA2																
		928+00	-	934+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
		934+00	-	944+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
		922+00	-	934+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
		934+00	-	940+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
		930+97	-	945+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
		932+98	-	938+93	LT/RT	-	-	-	-	2,830	-	2	115	-	64	2,830
		960+00	-	970+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
		970+00	-	979+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
		967+78	-	977+33	LT/RT	-	-	-	2,585	755	-	2	135	-	75	3,340
LOCAL ROADS N PORT WASHINGTON ROAD																
		97+00	-	113+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
W HAMPTON AVENUE																
		13+00	-	18+00	LT/RT	-	-	-	-	-	-	0	0	-	0	0
SUBTOTAL																
						0	21946	15689	5	19	1186	338	0	845	37635	2
(CONTINUED ON NEXT SHEET)																
ADDENDUM NO. 02 ID 1228-22-71 REVISED SHEET 586 APRIL 9, 2021																
*ADDITIONAL QUANTITIES FOUND ELSEWHERE CATEGORY 1000 UNLESS OTHERWISE NOTED																
PROJECT NO: 1228-22-71		HWY: IH 43		COUNTY: MILWAUKEE		MISCELLANEOUS QUANTITIES		PLOT NAME: PLOT SCALE: 1:1		SHEET: 586						

Addendum No. 02
ID 1228-22-71
Revised Sheet 586
April 9, 2021

*ADDITIONAL QUANTITIES FOUND ELSEWHERE
CATEGORY 1000 UNLESS OTHERWISE NOTED

(CONTINUED ON NEXT SHEET)

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 586

FILE NAME : N:\PDS\1228-22-71\1228-22-71.mxd
PLOT DATE : June 14, 1911
PLOT BY : A.R.H.
PLOT NAME :
PLOT SCALE : 1:1

E

*ADDITIONAL QUANTITIES FOUND ELSEWHERE CATEGORY 1000 UNLESS OTHERWISE NOTED

RESTORATION ITEMS (CONTINUED)																
STAGE	ROADWAY	STATION	TO	STATION	OFFSET	MULCHING SY	627.0200 EROSION MAT CLASS I TYPE B	628.2027 EROSION MAT CLASS II TYPE C	629.0205 FERTILIZER TYPE A CWT	630.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MKTURE NO. 20 LB	630.0140 SEEDING MKTURE NO. 40 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	SPV.0180.0301 TOPSOIL SPECIAL SY	
4	PROJECT ID 1228-22-71															
MAINLINE																
IH.43																
		922+00	-	960+00	L/T/RT	-		2,651	5,124						175	7,775
		960+00	-	1000+00	L/T/RT	-		1,375	4,168						124	5,543
		1000+00	-	1016+00	L/T/RT	-			218						5	218
RAMPS																
GBA2																
		928+00	-	934+00	L/T/RT	-									0	0
		934+00	-	944+00	L/T/RT	-									0	0
GBB2																
		922+00	-	934+00	L/T/RT	-									0	0
		934+00	-	940+00	L/T/RT	-									0	0
GBD																
		930+97	-	945+00	L/T/RT	-		620	3,933	3	184			102	4,553	
GBC																
		931+00	-	943+00	L/T/RT	-									0	0
HAA																
		960+00	-	970+00	L/T/RT	-		1,510	3,714	1	94			52	2,312	
		970+00	-	979+00	L/T/RT	-			2,312	0	0			0	0	
HAB																
		969+00	-	982+00	L/T/RT	-									0	0
LOCAL ROADS																
N PORT WASHINGTON ROAD																
		97+00	-	113+00	L/T/RT	-				0	0				0	0
W HAMPTON AVENUE																
		13+00	-	18+00	L/T/RT	-				0	0				0	0
SUBTOTAL																
						0	6156	19469		13	826			0	458	20401
UNDISTRIBUTED																
						3482	15931	10547		9	604			2500	391	17411
PROJECT ID 1228-22-71 TOTAL																
						3,482	69,033	45,705	5	41	2,616	338		2,500	1,694	75,447
CONTRACT TOTAL																
						3,482	69,033	45,705	5	41	2,616	338		2,500	1,694	75,447

Addendum No. 02
ID 1228-22-71
Revised Sheet 587
April 9, 2021

*ADDITIONAL QUANTITIES FOUND
ELSEWHERE CATEGORY 1000
UNLESS OTHERWISE NOTED

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 587

E

FILE NAME: N:\PDS\...1030200_mq3.gpx

PLOT DATE: June 14, 1991

PLOT BY: A.R.H.

PLOT NAME:

PLOT SCALE: 1"=1'

TEMPORARY CONCRETE BARRIER ITEMS *

CATEGORY	STAGE	LOCATION	STATION	TO	STATION	OFFSET	603.8000		603.8125		603.8500		603.8505	
							CONCRETE BARRIER PRECAST DELIVERED	LF	CONCRETE BARRIER PRECAST INSTALLED	LF	CONCRETE BARRIER PRECAST	LF	CONCRETE BARRIER PRECAST	LF
1000	1	PROJECT ID 1228-22-71 IH 43 NB	925+83 - 930+91	-	RT		512		512		512		0	
							770		770		770		0	
							1250		1250		676		574	
	IH 43 SB	927+69 - 933+58	-	LT		582		582		582		0		
						1484		1484		1357		127		
	SUBTOTAL							4,598	4,598		3,897		701	
	2A	IH 43 NB	956+66 - 966+96	-	RT		1063		1063		1063		0	
							365		365		365		0	
							537		537		537		0	
							561		561		561		0	
575								575		0		0		
IH 43 SB	968+07 - 994+69	-	RT		717		717		717		0			
					519		519		519		0			
SUBTOTAL							4,337	4,337		3,762		0		
2B	IH 43 NB	958+80 - 963+45	-	RT		475		475		475		0		
						227		227		227		0		
SUBTOTAL							702	702		702		0		
2C1	IH 43 SB	937+05 - 941+85	-	LT		484		484		443		41		
SUBTOTAL							484	484		443		41		
2C2	IH 43 SB	935+73 - 941+35	-	LT		571		571		431		140		
						1713		1713		482		0		
						1001		1001		871		130		
SUBTOTAL							3285	3285		1784		270		
2D	IH 43 NB	928+50 - 939+00	-	RT		1051		1051		913		138		
IH 43 SB	934+00 - 938+35	-	LT		442		442		304		138			
					7470		7470		4107		130			
					1362		1362		1,231		131			
					844		844		844		0			
SUBTOTAL							11,169	11,169		7,399		537		

(CONTINUED ON NEXT SHEET)

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Addendum No. 02
ID 1228-22-71
Revised Sheet 602
April 9, 2021

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 602

E

FILE NAME : N:\PDS\1030200_mil.psd

PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

PLOT SCALE : 1:1

TEMPORARY CONCRETE BARRIER ITEMS (CONTINUED)

		603.8000		603.8125		603.8500		603.8505	
		CONCRETE BARRIER		CONCRETE BARRIER		ANCHORING		ANCHORING	
		TEMPORARY		TEMPORARY		CONCRETE BARRIER		CONCRETE BARRIER	
		PRECAST		PRECAST		TEMPORARY		TEMPORARY PRECAST	
		DELIVERED		INSTALLED		PRECAST		ON BRIDGE DECKS	
CATEGORY	STAGE	LOCATION	STATION	TO	STATION	OFFSET	LF	LF	LF
1000	3A	PROJECT ID 1228-22-71							
		IH 43 NB	930+00	-	939+91	RT	91	993	0
		IH 43 SB	934+00	-	943+47	LT	521	963	0
	SUBTOTAL		960+58	-	964+41	LT	379	379	131
			991		2,335		727	131	
							869	131	
	3B	IH 43 NB	930+00	-	940+00	0'	9	1,000	0
			1007+45	-	1012+95	0'	550	550	0
			559		1,550		1,419	131	
	SUBTOTAL						482	0	
3000	3C	IH 43 NB	961+93	-	966+71	RT	482	482	0
			969+25	-	973+74	RT	449	449	0
			969+28	-	973+74	RT	446	446	0
	SUBTOTAL		995+00	-	997+06	RT	206	206	0
			1,377		1,583		1,583	0	
							1,500	0	
	4	IH 43 NB/SB	928+50	-	1012+92	L/RT	8,442	8,442	0
			930+96	-	940+00	RT	910	910	0
			995+00	-	1002+23	LT	719	719	0
	SUBTOTAL		10,071		10,071		2,219	-	
5000	5	IH 43 NB	1006+41	-	1012+91	RT	652	652	0
		IH 43 SB	1007+45	-	1013+72	LT	165	627	0
			817		1,279		0	0	
	SUBTOTAL		38,390		41,393		23,935	1,811	
	PROJECT ID 1228-22-71 TOTAL								

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Addendum No. 02
ID 1228-22-71
Added Sheet 602A
April 9, 2021

PROJECT NO: 1228-22-71		HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES		*ADDITIONAL QUANTITIES FOUND ELSEWHERE	
FILE NAME : N:\PDS\...030200_msl.psd		PLOT DATE : June 14, 1911		PLOT BY : A.R.H.		PLOT NAME :	
						SHEET: 602A	
						E	

TEMPORARY PAVEMENT MARKING ITEMS

CATEGORY	STAGE	LOCATION	STATION	TO	FROM	648.0120		648.0220		648.0760		648.9010		648.9300		REMARKS
						WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	
						12.5 FT LINE	37.5 FT SKIP	9 FT LINE	8 INCH	PAVEMENT MARKER	REMOVAL SPECIAL ARROW	MARKING	MARKING	MARKING	MARKING	
1000																
		PROJECT ID 1228-22-71														
		H-43 NB														
		H-43 SB														
		SUBTOTAL														
2A		H-43 NB														
		SUBTOTAL														
2B		H-43 NB														
		SUBTOTAL														
2C1		H-43 NB														
		H-43 SB														
		SUBTOTAL														
2C2		H-43 SB														
		SUBTOTAL														
2D		H-43 NB														
		H-43 SB														
		SUBTOTAL														
3A		H-43 SB														
		SUBTOTAL														
3B		H-43 SB														
		SUBTOTAL														
3C		H-43 NB														
		H-43 SB														
		SUBTOTAL														
4		H-43 NB														
		H-43 SB														
		SUBTOTAL														
5		H-43 NB														
		H-43 SB														
		SUBTOTAL														
		UNDISTRIBUTED														
		PROJECT 1228-22-71 TOTAL														

Addendum No. 02
ID 1228-22-71
Revised Sheet 604
April 9, 2021

TRAFFIC CONTROL SIGNS FIXED MESSAGE

643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE									
SIGN CATEGORY	NO.	NUMBER REQUIRED	SIZE LENGTH FT	SIZE WIDTH FT	AREA SF	SIGN SF	SIGN MESSAGE		
1000	FM-01	1	10.5	7.5	78.75	78.75	I-43 RAMP CLOSED TO GREEN BAY AVE CAPITOL DR XX-XX USE EXIT 78		
	FM-02	1	10.5	6.0	63	63	I-43 RAMP CLOSED TO HAMPTON AVE XX-XX USE EXIT 76A		
	FM-03	1	10.5	7.5	78.75	78.75	I-43 RAMP CLOSED TO GREEN BAY AVE CAPITOL DR XX-XX USE EXIT 77A		
	FM-04	3	10.5	2.0	21	63	BEGINS XXXXX		
TOTAL							283.5		

TRAFFIC CONTROL

CATEGORY	LOCATION	643.5000 TRAFFIC CONTROL EACH
1000	PROJECT ID 1228-22-71	1
TOTAL:		1

Addendum No. 02
ID 1228-22-71
Revised Sheet 605
April 9, 2021

DYNAMIC LATE MERGE SYSTEM (DLMS), TRAFFIC QUEUE WARNING SYSTEM (QWS)

CATEGORY	LOCATION	STAGE	DISTANCE MILES	643.1100.S DYNAMIC LATE MERGE SYSTEM		643.1200.S PORTABLE AUTOMATED REAL-TIME TRAFFIC QUEUE WARNING SYSTEM	
				DAY	DAY	DAY	DAY
1000	I-43 NB	2A, 2C1, 2C2, 2D, 3A, 3B, 4, 5	2	545	0	0	2
	I-43 SB	2C1, 2C2, 2D, 3A, 3B, 4, 5	2	0	455	455	
PROJECT ID 1228-22-71 TOTAL				545		455	

EMERGENCY RESPONSE TO TRAFFIC INCIDENT

CATEGORY	ROADWAY	SPV.0060.0940 EMERGENCY RESPONSE TO TRAFFIC INCIDENT INVOLVING CONCRETE BARRIER TEMPORARY EACH		SPV.0060.0945 EMERGENCY RESPONSE TO TRAFFIC INCIDENT INVOLVING CRASH CUSHIONS EACH	
		PROJECT 1228-22-71	10	PROJECT 1228-22-71	10
1000	PROJECT 1228-22-71	40	10	40	10
PROJECT ID 1228-22-71 TOTAL		40	10	40	10

TRAFFIC CONTROL CLOSURES

CATEGORY	ROADWAY	643.4100.S TRAFFIC CONTROL INTERIM LANE CLOSURE EACH	SPV.0060.0910 TRAFFIC CONTROL CLOSE-OPEN FREEWAY ENTRANCE RAMP EACH	SPV.0060.0916 TRAFFIC CONTROL LOCAL ROAD LANE CLOSURE EACH
1000	I-43	2,000	400	100
TOTAL:		2,000	400	100

PROJECT NO: 1228-22-71

HWY: IH 43

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 605

FILE NAME : N:\PDS\...030200_mq.pptx

PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

PLOT SCALE : 1:1



Proposal Schedule of Items

Page 1 of 36

Proposal ID: 20210413026 Project(s): 1228-22-71

Federal ID(s): WISC 2021226

SECTION: 0001 Roadway 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	110.000 STA	_____.	_____.
0004	201.0120 Clearing	356.000 ID	_____.	_____.
0006	201.0205 Grubbing	110.000 STA	_____.	_____.
0008	201.0220 Grubbing	356.000 ID	_____.	_____.
0010	203.0200 Removing Old Structure (station) 0001. 936+43.30	LS	LUMP SUM	_____.
0012	203.0200 Removing Old Structure (station) 0002. 966+88	LS	LUMP SUM	_____.
0014	203.0200 Removing Old Structure (station) 0003. 946+50	LS	LUMP SUM	_____.
0016	203.0200 Removing Old Structure (station) 0004. 977+00HAB	LS	LUMP SUM	_____.
0018	203.0200 Removing Old Structure (station) 0005. 936+51	LS	LUMP SUM	_____.
0020	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 0001. 977+50	LS	LUMP SUM	_____.
0022	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 0002. 980+00	LS	LUMP SUM	_____.
0024	204.0100 Removing Concrete Pavement	68,966.000 SY	_____.	_____.
0026	204.0109.S Removing Concrete Surface Partial Depth	386.000 SF	_____.	_____.
0028	204.0110 Removing Asphaltic Surface	12,866.000 SY	_____.	_____.



Proposal Schedule of Items

Page 2 of 36

Proposal ID: 20210413026 Project(s): 1228-22-71

Federal ID(s): WISC 2021226

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	204.0120 Removing Asphaltic Surface Milling	15,072.000 SY	_____.	_____.
0032	204.0150 Removing Curb & Gutter	1,431.000 LF	_____.	_____.
0034	204.0155 Removing Concrete Sidewalk	1,290.000 SY	_____.	_____.
0036	204.0157 Removing Concrete Barrier	16,692.000 LF	_____.	_____.
0038	204.0165 Removing Guardrail	681.000 LF	_____.	_____.
0040	204.0170 Removing Fence	11,449.000 LF	_____.	_____.
0042	204.0195 Removing Concrete Bases	66.000 EACH	_____.	_____.
0044	204.0210 Removing Manholes	14.000 EACH	_____.	_____.
0046	204.0220 Removing Inlets	123.000 EACH	_____.	_____.
0048	204.0245 Removing Storm Sewer (size) 0001. 12-Inch	3,060.000 LF	_____.	_____.
0050	204.0245 Removing Storm Sewer (size) 0002. 15-Inch	1,508.000 LF	_____.	_____.
0052	204.0245 Removing Storm Sewer (size) 0003. 18-Inch	1,636.000 LF	_____.	_____.
0054	204.0245 Removing Storm Sewer (size) 0004. 21-Inch	59.000 LF	_____.	_____.
0056	204.0245 Removing Storm Sewer (size) 0005. 24-Inch	1,968.000 LF	_____.	_____.
0058	204.0245 Removing Storm Sewer (size) 0007. 30-Inch	204.000 LF	_____.	_____.



Proposal Schedule of Items

Page 3 of 36

Proposal ID: 20210413026 Project(s): 1228-22-71

Federal ID(s): WISC 2021226

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0060	204.0250 Abandoning Manholes	4.000 EACH	_____.	_____.
0062	204.0280 Sealing Pipes	16.000 EACH	_____.	_____.
0064	204.0291.S Abandoning Sewer	149.000 CY	_____.	_____.
0066	204.9001.S Removing Advance Flasher Assemblies Type 1	1.000 EACH	_____.	_____.
0068	204.9060.S Removing (item description) 0002. Apron Endwall	2.000 EACH	_____.	_____.
0070	204.9060.S Removing (item description) 1001. Lighting Units	169.000 EACH	_____.	_____.
0072	204.9105.S Removing (item description) 0001. Traffic Signals IH-43 NB Off Ramp & Port Washington Rd	LS	LUMP SUM	_____.
0074	204.9105.S Removing (item description) 0002. Loop Detector Wire and Lead-in Cable IH-43 NB Off Ramp&Port Washington Rd	LS	LUMP SUM	_____.
0076	204.9105.S Removing (item description) 0003. Traffic Signals, IH-43 SB On Ramp & W. Hampton Ave.	LS	LUMP SUM	_____.
0078	205.0100 Excavation Common	197,901.000 CY	_____.	_____.
0080	206.1000 Excavation for Structures Bridges (structure) 0001. B-40-1014	LS	LUMP SUM	_____.
0082	206.1000 Excavation for Structures Bridges (structure) 0002. B-40-1016	LS	LUMP SUM	_____.
0084	206.1000 Excavation for Structures Bridges (structure) 0003. B-40-1018	LS	LUMP SUM	_____.



Proposal Schedule of Items

Page 4 of 36

Proposal ID: 20210413026 Project(s): 1228-22-71

Federal ID(s): WISC 2021226

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0086	206.1000 Excavation for Structures Bridges (structure) 0004. B-40-1019	LS	LUMP SUM	_____.
0088	206.1000 Excavation for Structures Bridges (structure) 0005. B-40-1020	LS	LUMP SUM	_____.
0090	206.1000 Excavation for Structures Bridges (structure) 0006. B-40-1021	LS	LUMP SUM	_____.
0092	206.2000 Excavation for Structures Culverts (structure) 0001. C-40-111	LS	LUMP SUM	_____.
0094	206.5000 Cofferdams (structure) 0001. B-40-1016	LS	LUMP SUM	_____.
0096	206.5000 Cofferdams (structure) 0002. B-40-1018	LS	LUMP SUM	_____.
0098	208.0100 Borrow	80,218.000 CY	_____.	_____.
0100	209.2500 Backfill Granular Grade 2	2,374.000 TON	_____.	_____.
0102	210.1500 Backfill Structure Type A	3,859.000 TON	_____.	_____.
0104	210.2500 Backfill Structure Type B	3,240.000 TON	_____.	_____.
0106	211.0200 Prepare Foundation for Concrete Pavement (project) 0001. 1228-22-71	LS	LUMP SUM	_____.
0108	213.0100 Finishing Roadway (project) 0001. 1228-22-71	1.000 EACH	_____.	_____.
0110	305.0120 Base Aggregate Dense 1 1/4-Inch	54,922.000 TON	_____.	_____.
0112	312.0110 Select Crushed Material	129,542.000 TON	_____.	_____.
0116	390.0403 Base Patching Concrete Shes	1,394.000 SY	_____.	_____.



Proposal Schedule of Items

Page 5 of 36

Proposal ID: 20210413026 Project(s): 1228-22-71

Federal ID(s): WISC 2021226

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0118	415.0090 Concrete Pavement 9-Inch	1,094.000 SY	_____.	_____.
0120	415.0100 Concrete Pavement 10-Inch	9,448.000 SY	_____.	_____.
0122	415.0125 Concrete Pavement 12 1/2-Inch	89,567.000 SY	_____.	_____.
0124	415.0410 Concrete Pavement Approach Slab	2,207.000 SY	_____.	_____.
0126	415.1080 Concrete Pavement HES 8-Inch	66.000 SY	_____.	_____.
0128	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0130	416.0610 Drilled Tie Bars	2,860.000 EACH	_____.	_____.
0132	416.0620 Drilled Dowel Bars	2,609.000 EACH	_____.	_____.
0134	455.0605 Tack Coat	2,412.000 GAL	_____.	_____.
0136	460.2000 Incentive Density HMA Pavement	2,910.000 DOL	1.00000	2,910.00
0138	460.6224 HMA Pavement 4 MT 58-28 S	1,083.000 TON	_____.	_____.
0140	460.7223 HMA Pavement 3 HT 58-28 S	1,757.000 TON	_____.	_____.
0142	460.7424 HMA Pavement 4 HT 58-28 H	144.000 TON	_____.	_____.
0144	460.8424 HMA Pavement 4 SMA 58-28 H	1,366.000 TON	_____.	_____.
0146	465.0105 Asphaltic Surface	184.000 TON	_____.	_____.
0148	465.0125 Asphaltic Surface Temporary	5,264.000 TON	_____.	_____.
0150	495.1000.S Cold patch	10.000 TON	_____.	_____.



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Federal ID(s): WISC 2021226

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0152	501.1000.S Ice Hot Weather Concreting	90,305.000 LB	_____.	_____.
0154	502.0100 Concrete Masonry Bridges	8,211.000 CY	_____.	_____.
0156	502.3101 Expansion Device	513.000 LF	_____.	_____.
0158	502.3200 Protective Surface Treatment	15,306.000 SY	_____.	_____.
0160	502.3210 Pigmented Surface Sealer	5,217.000 SY	_____.	_____.
0162	502.4205 Adhesive Anchors No. 5 Bar	260.000 EACH	_____.	_____.
0164	502.4206 Adhesive Anchors No. 6 Bar	476.000 EACH	_____.	_____.
0166	503.0137 Prestressed Girder Type I 36W-Inch	6,218.000 LF	_____.	_____.
0168	503.0172 Prestressed Girder Type I 72W-Inch	5,420.000 LF	_____.	_____.
0170	504.0100 Concrete Masonry Culverts	341.000 CY	_____.	_____.
0172	504.0500 Concrete Masonry Retaining Walls	3,858.000 CY	_____.	_____.
0174	505.0400 Bar Steel Reinforcement HS Structures	377,340.000 LB	_____.	_____.
0176	505.0600 Bar Steel Reinforcement HS Coated Structures	1,600,745.000 LB	_____.	_____.
0178	505.0800.S Bar Steel Reinforcement HS Stainless Structures	12,710.000 LB	_____.	_____.
0180	505.0904 Bar Couplers No. 4	16.000 EACH	_____.	_____.
0182	505.0905 Bar Couplers No. 5	48.000 EACH	_____.	_____.



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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0184	505.0906 Bar Couplers No. 6	20.000 EACH	_____.	_____.
0186	506.0105 Structural Steel Carbon	55.000 LB	_____.	_____.
0188	506.2605 Bearing Pads Elastomeric Non-Laminated	196.000 EACH	_____.	_____.
0190	506.2610 Bearing Pads Elastomeric Laminated	28.000 EACH	_____.	_____.
0192	506.4000 Steel Diaphragms (structure) 0001. B-40-1014	3.000 EACH	_____.	_____.
0194	506.4000 Steel Diaphragms (structure) 0002. B-40-1016	72.000 EACH	_____.	_____.
0196	506.4000 Steel Diaphragms (structure) 0003. B-40-1018	72.000 EACH	_____.	_____.
0198	506.4000 Steel Diaphragms (structure) 0004. B-40-1019	18.000 EACH	_____.	_____.
0200	506.4000 Steel Diaphragms (structure) 0005. B-40-1020	22.000 EACH	_____.	_____.
0202	506.4000 Steel Diaphragms (structure) 0006. B-40-1021	6.000 EACH	_____.	_____.
0204	506.5000 Bearing Assemblies Fixed (structure) 0001. B-40-116	14.000 EACH	_____.	_____.
0206	506.6000 Bearing Assemblies Expansion (structure) 0001. B-40-116	42.000 EACH	_____.	_____.
0208	506.7050.S Removing Bearings (structure) 0001. B-40-116	56.000 EACH	_____.	_____.
0210	509.0301 Preparation Decks Type 1	40.000 SY	_____.	_____.



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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0212	509.0302 Preparation Decks Type 2	25.000 SY	_____.	_____.
0214	509.0505.S Cleaning Decks to Reapply Concrete Masonry Overlay	1,384.000 SY	_____.	_____.
0216	509.1000 Joint Repair	106.000 SY	_____.	_____.
0218	509.1500 Concrete Surface Repair	105.000 SF	_____.	_____.
0220	509.2000 Full-Depth Deck Repair	15.000 SY	_____.	_____.
0222	509.2500 Concrete Masonry Overlay Decks	79.000 CY	_____.	_____.
0224	509.9005.S Removing Concrete Masonry Deck Overlay (structure) 0001. B-40-116	1,384.000 SY	_____.	_____.
0226	509.9050.S Cleaning Parapets	260.000 LF	_____.	_____.
0228	511.1100 Temporary Shoring	15,730.000 SF	_____.	_____.
0230	511.1200 Temporary Shoring (structure) 0001. B-40-1016	1,180.000 SF	_____.	_____.
0232	511.1200 Temporary Shoring (structure) 0002. B-40-1018	1,325.000 SF	_____.	_____.
0234	511.1200 Temporary Shoring (structure) 0003. B-40-1020	1,925.000 SF	_____.	_____.
0236	516.0500 Rubberized Membrane Waterproofing	590.000 SY	_____.	_____.
0238	516.0610.S Sheet Membrane Waterproofing for Top Slab (structure) 4000. C-40-111	400.000 SY	_____.	_____.
0240	517.1800.S Structure Repainting Recycled Abrasive (structure) 0001. B-40-116	LS	LUMP SUM	_____.



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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0242	517.4500.S Negative Pressure Containment and Collection of Waste Materials (structure) 0001. B-40-116	LS	LUMP SUM	_____.
0244	517.6001.S Portable Decontamination Facility	1.000 EACH	_____.	_____.
0246	520.8000 Concrete Collars for Pipe	29.000 EACH	_____.	_____.
0248	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	1.000 EACH	_____.	_____.
0250	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	3.000 EACH	_____.	_____.
0252	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	3.000 EACH	_____.	_____.
0254	522.1048 Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	1.000 EACH	_____.	_____.
0256	531.1100 Concrete Masonry Ancillary Structures Type NS	148.000 CY	_____.	_____.
0258	531.1140 Steel Reinforcement HS Ancillary Structures Type NS	11,844.000 LB	_____.	_____.
0260	531.1160 Steel Reinforcement HS Coated Ancillary Structures Type NS	14,250.000 LB	_____.	_____.
0262	531.2024 Drilling Shaft 24-Inch	18.000 LF	_____.	_____.
0264	531.2030 Drilling Shaft 30-Inch	24.000 LF	_____.	_____.
0266	531.2036 Drilling Shaft 36-Inch	186.000 LF	_____.	_____.
0268	531.4050 Foundation Camera Pole 50-FT	1.000 EACH	_____.	_____.



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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0270	531.8990 Anchor Assemblies Poles on Structures	30.000 EACH	_____.	_____.
0272	532.5020 Butterfly 2-Chord NS (structure) 0001. S-40-3022	1.000 EACH	_____.	_____.
0274	532.5020 Butterfly 2-Chord NS (structure) 0002. S-40-3023	1.000 EACH	_____.	_____.
0276	532.6010 Truss Cantilever 4-Chord Type I (structure) 0001. S-40-3018	1.000 EACH	_____.	_____.
0278	532.6010 Truss Cantilever 4-Chord Type I (structure) 0002. S-40-3019	1.000 EACH	_____.	_____.
0280	532.6020 Truss Cantilever 4-Chord Type II (structure) 0003. S-40-3020	1.000 EACH	_____.	_____.
0282	532.6020 Truss Cantilever 4-Chord Type II (structure) 0004. S-40-3021	1.000 EACH	_____.	_____.
0284	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0001. N-40-94	10,172.000 SF	_____.	_____.
0286	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0002. N-40-95	15,382.000 SF	_____.	_____.
0288	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0003. N-40-96	6,359.000 SF	_____.	_____.
0290	550.0500 Pile Points	234.000 EACH	_____.	_____.
0292	550.1100 Piling Steel HP 10-Inch X 42 Lb	4,035.000 LF	_____.	_____.
0294	550.1120 Piling Steel HP 12-Inch X 53 Lb	3,750.000 LF	_____.	_____.
0296	601.0322 Concrete Curb & Gutter 22-Inch	169.000 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
0298	601.0331 Concrete Curb & Gutter 31-Inch	361.000 LF	_____.	_____.
0300	601.0409 Concrete Curb & Gutter 30-Inch Type A	2,861.000 LF	_____.	_____.
0302	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	2,133.000 LF	_____.	_____.
0304	601.0600 Concrete Curb Pedestrian	461.000 LF	_____.	_____.
0306	602.0410 Concrete Sidewalk 5-Inch	18,880.000 SF	_____.	_____.
0308	602.0415 Concrete Sidewalk 6-Inch	3,851.000 SF	_____.	_____.
0310	602.0505 Curb Ramp Detectable Warning Field Yellow	338.000 SF	_____.	_____.
0312	603.0105 Concrete Barrier Single-Faced 32-Inch	2,894.000 LF	_____.	_____.
0314	603.1142 Concrete Barrier Type S42	14,198.000 LF	_____.	_____.
0316	603.1156 Concrete Barrier Type S56	775.000 LF	_____.	_____.
0318	603.1342 Concrete Barrier Type S42B	50.000 LF	_____.	_____.
0320	603.1442 Concrete Barrier Type S42C	1,304.000 LF	_____.	_____.
0322	603.1456 Concrete Barrier Type S56C	482.000 LF	_____.	_____.
0324	603.3113 Concrete Barrier Transition Type NJ32SF to S36	3.000 EACH	_____.	_____.
0326	603.3535 Concrete Barrier Transition Type S36 to S42	3.000 EACH	_____.	_____.



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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0328	603.3559 Concrete Barrier Transition Type S42 to S56	7.000 EACH	_____.	_____.
0330	603.8000 Concrete Barrier Temporary Precast Delivered	39,700.000 LF	_____.	_____.
0332	603.8125 Concrete Barrier Temporary Precast Installed	44,276.000 LF	_____.	_____.
0334	604.0400 Slope Paving Concrete	839.000 SY	_____.	_____.
0336	604.0500 Slope Paving Crushed Aggregate	2,130.000 SY	_____.	_____.
0338	606.0200 Riprap Medium	88.000 CY	_____.	_____.
0340	606.0300 Riprap Heavy	1,390.000 CY	_____.	_____.
0342	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	28.000 LF	_____.	_____.
0344	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	1,301.000 LF	_____.	_____.
0346	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	2,384.000 LF	_____.	_____.
0348	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	5,692.000 LF	_____.	_____.
0350	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	1,806.000 LF	_____.	_____.
0352	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	516.000 LF	_____.	_____.
0354	608.0348 Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	203.000 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
0356	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	131.000 LF	_____.	_____.
0358	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	985.000 LF	_____.	_____.
0360	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	404.000 LF	_____.	_____.
0362	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	2,034.000 LF	_____.	_____.
0364	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	78.000 LF	_____.	_____.
0366	608.0448 Storm Sewer Pipe Reinforced Concrete Class IV 48-Inch	47.000 LF	_____.	_____.
0368	608.0518 Storm Sewer Pipe Reinforced Concrete Class V 18-Inch	261.000 LF	_____.	_____.
0370	608.0524 Storm Sewer Pipe Reinforced Concrete Class V 24-Inch	1,267.000 LF	_____.	_____.
0372	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	204.000 LF	_____.	_____.
0374	608.2429 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	599.000 LF	_____.	_____.
0376	608.2434 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch	243.000 LF	_____.	_____.
0378	611.0430 Reconstructing Inlets	7.000 EACH	_____.	_____.
0380	611.0535 Manhole Covers Type J-Special	35.000 EACH	_____.	_____.



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Roadway Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0382	611.0606 Inlet Covers Type B	25.000 EACH	_____.	_____.
0384	611.0610 Inlet Covers Type BW	4.000 EACH	_____.	_____.
0386	611.0612 Inlet Covers Type C	4.000 EACH	_____.	_____.
0388	611.0624 Inlet Covers Type H	12.000 EACH	_____.	_____.
0390	611.0627 Inlet Covers Type HM	21.000 EACH	_____.	_____.
0392	611.0636 Inlet Covers Type HM-S	4.000 EACH	_____.	_____.
0394	611.0639 Inlet Covers Type H-S	5.000 EACH	_____.	_____.
0396	611.0642 Inlet Covers Type MS	15.000 EACH	_____.	_____.
0398	611.0651 Inlet Covers Type S	10.000 EACH	_____.	_____.
0400	611.0654 Inlet Covers Type V	94.000 EACH	_____.	_____.
0402	611.2004 Manholes 4-FT Diameter	17.000 EACH	_____.	_____.
0404	611.2005 Manholes 5-FT Diameter	36.000 EACH	_____.	_____.
0406	611.2006 Manholes 6-FT Diameter	12.000 EACH	_____.	_____.
0408	611.2007 Manholes 7-FT Diameter	5.000 EACH	_____.	_____.
0410	611.2008 Manholes 8-FT Diameter	3.000 EACH	_____.	_____.
0412	611.3004 Inlets 4-FT Diameter	107.000 EACH	_____.	_____.
0414	611.3220 Inlets 2x2-FT	3.000 EACH	_____.	_____.



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Roadway Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0416	611.3225 Inlets 2x2.5-FT	28.000 EACH	_____.	_____.
0418	611.3901 Inlets Median 1 Grate	3.000 EACH	_____.	_____.
0420	611.3902 Inlets Median 2 Grate	6.000 EACH	_____.	_____.
0422	611.8120.S Cover Plates Temporary	7.000 EACH	_____.	_____.
0424	611.9800.S Pipe Grates	2.000 EACH	_____.	_____.
0426	612.0106 Pipe Underdrain 6-Inch	16,159.000 LF	_____.	_____.
0428	612.0406 Pipe Underdrain Wrapped 6-Inch	8,120.000 LF	_____.	_____.
0430	614.0805 Crash Cushions Permanent Low Maintenance	2.000 EACH	_____.	_____.
0432	614.0905 Crash Cushions Temporary	8.000 EACH	_____.	_____.
0434	614.2300 MGS Guardrail 3	284.000 LF	_____.	_____.
0436	614.2500 MGS Thrie Beam Transition	197.100 LF	_____.	_____.
0438	614.2610 MGS Guardrail Terminal EAT	4.000 EACH	_____.	_____.
0440	616.0206 Fence Chain Link 6-FT	11,434.000 LF	_____.	_____.
0442	616.0329 Gates Chain Link (width) 0001. 6-FT	1.000 EACH	_____.	_____.
0444	616.0329 Gates Chain Link (width) 0002. 12-FT	9.000 EACH	_____.	_____.
0446	619.1000 Mobilization	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
0448	620.0300 Concrete Median Sloped Nose	506.000 SF	_____.	_____.
0450	623.0200 Dust Control Surface Treatment	134,678.000 SY	_____.	_____.
0452	624.0100 Water	753.000 MGAL	_____.	_____.
0454	627.0200 Mulching	3,482.000 SY	_____.	_____.
0456	628.1104 Erosion Bales	21.000 EACH	_____.	_____.
0458	628.1504 Silt Fence	21,319.000 LF	_____.	_____.
0460	628.1520 Silt Fence Maintenance	21,319.000 LF	_____.	_____.
0462	628.1905 Mobilizations Erosion Control	33.000 EACH	_____.	_____.
0464	628.1910 Mobilizations Emergency Erosion Control	33.000 EACH	_____.	_____.
0466	628.2004 Erosion Mat Class I Type B	69,033.000 SY	_____.	_____.
0468	628.2027 Erosion Mat Class II Type C	45,705.000 SY	_____.	_____.
0470	628.6510 Soil Stabilizer Type B	1.000 ACRE	_____.	_____.
0472	628.7005 Inlet Protection Type A	506.000 EACH	_____.	_____.
0474	628.7010 Inlet Protection Type B	16.000 EACH	_____.	_____.
0476	628.7015 Inlet Protection Type C	98.000 EACH	_____.	_____.
0478	628.7020 Inlet Protection Type D	607.000 EACH	_____.	_____.
0480	628.7504 Temporary Ditch Checks	1,087.000 LF	_____.	_____.



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Roadway Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0482	628.7570 Rock Bags	500.000 EACH	_____.	_____.
0484	629.0210 Fertilizer Type B	41.000 CWT	_____.	_____.
0486	630.0120 Seeding Mixture No. 20	2,616.000 LB	_____.	_____.
0488	630.0200 Seeding Temporary	2,500.000 LB	_____.	_____.
0490	630.0500 Seed Water	1,694.000 MGAL	_____.	_____.
0492	633.5200 Markers Culvert End	8.000 EACH	_____.	_____.
0494	634.0618 Posts Wood 4x6-Inch X 18-FT	58.000 EACH	_____.	_____.
0496	634.0622 Posts Wood 4x6-Inch X 22-FT	24.000 EACH	_____.	_____.
0498	634.0816 Posts Tubular Steel 2x2-Inch X 16-FT	11.000 EACH	_____.	_____.
0500	635.0200 Sign Supports Structural Steel HS	8,350.000 LB	_____.	_____.
0502	637.1220 Signs Type I Reflective SH	2,090.500 SF	_____.	_____.
0504	637.2210 Signs Type II Reflective H	1,000.665 SF	_____.	_____.
0506	637.2230 Signs Type II Reflective F	224.500 SF	_____.	_____.
0508	638.2101 Moving Signs Type I	1.000 EACH	_____.	_____.
0510	638.2102 Moving Signs Type II	33.000 EACH	_____.	_____.
0512	638.2601 Removing Signs Type I	15.000 EACH	_____.	_____.
0514	638.2602 Removing Signs Type II	75.000 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
0516	638.3000 Removing Small Sign Supports	56.000 EACH	_____.	_____.
0518	638.3100 Removing Structural Steel Sign Supports	12.000 EACH	_____.	_____.
0520	640.1303.S Pond Liner Clay	1,839.000 CY	_____.	_____.
0522	643.0300 Traffic Control Drums	378,385.000 DAY	_____.	_____.
0524	643.0420 Traffic Control Barricades Type III	45,632.000 DAY	_____.	_____.
0526	643.0705 Traffic Control Warning Lights Type A	73,948.000 DAY	_____.	_____.
0528	643.0715 Traffic Control Warning Lights Type C	73,733.000 DAY	_____.	_____.
0530	643.0800 Traffic Control Arrow Boards	3,705.000 DAY	_____.	_____.
0532	643.0900 Traffic Control Signs	348,816.000 DAY	_____.	_____.
0534	643.0910 Traffic Control Covering Signs Type I	621.000 EACH	_____.	_____.
0536	643.0920 Traffic Control Covering Signs Type II	509.000 EACH	_____.	_____.
0538	643.1000 Traffic Control Signs Fixed Message	283.500 SF	_____.	_____.
0540	643.1050 Traffic Control Signs PCMS	2,835.000 DAY	_____.	_____.
0542	643.1100.S Dynamic Late Merge System	545.000 DAY	_____.	_____.
0544	643.4100.S Traffic Control Interim Lane Closure	2,000.000 EACH	_____.	_____.
0546	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0548	644.1601 Temporary Pedestrian Curb Ramp	1,242.000 DAY	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0550	644.1810 Temporary Pedestrian Barricade	366.000 LF	_____.	_____.
0552	645.0111 Geotextile Type DF Schedule A	378.000 SY	_____.	_____.
0554	645.0120 Geotextile Type HR	2,380.000 SY	_____.	_____.
0556	645.0220 Geogrid Type SR	33,854.000 SY	_____.	_____.
0558	646.1020 Marking Line Epoxy 4-Inch	1,490.000 LF	_____.	_____.
0560	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	53,495.000 LF	_____.	_____.
0562	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch	11,187.000 LF	_____.	_____.
0564	646.3020 Marking Line Epoxy 8-Inch	587.000 LF	_____.	_____.
0566	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch	9,871.000 LF	_____.	_____.
0568	646.5020 Marking Arrow Epoxy	9.000 EACH	_____.	_____.
0570	646.5120 Marking Word Epoxy	2.000 EACH	_____.	_____.
0572	646.5220 Marking Symbol Epoxy	2.000 EACH	_____.	_____.
0574	646.6120 Marking Stop Line Epoxy 18-Inch	245.000 LF	_____.	_____.
0576	646.6220 Marking Yield Line Epoxy 18-Inch	15.000 EACH	_____.	_____.
0578	646.7120 Marking Diagonal Epoxy 12-Inch	5,310.000 LF	_____.	_____.
0580	646.7220 Marking Chevron Epoxy 24-Inch	1,004.000 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
0582	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	955.000 LF	_____.	_____.
0584	646.8120 Marking Curb Epoxy	240.000 LF	_____.	_____.
0586	646.8220 Marking Island Nose Epoxy	6.000 EACH	_____.	_____.
0588	646.9000 Marking Removal Line 4-Inch	1,187.000 LF	_____.	_____.
0590	646.9010 Marking Removal Line Water Blasting 4-Inch	320,874.000 LF	_____.	_____.
0592	646.9200 Marking Removal Line Wide	136.000 LF	_____.	_____.
0594	646.9300 Marking Removal Special Marking	2.000 EACH	_____.	_____.
0596	649.0120 Temporary Marking Line Epoxy 4-Inch	407,538.000 LF	_____.	_____.
0598	649.0150 Temporary Marking Line Removable Tape 4-Inch	7,099.000 LF	_____.	_____.
0600	649.0220 Temporary Marking Line Epoxy 8-Inch	21,416.000 LF	_____.	_____.
0602	649.0250 Temporary Marking Line Removable Tape 8-Inch	260.000 LF	_____.	_____.
0604	649.0760 Temporary Marking Raised Pavement Marker Type I	1,362.000 EACH	_____.	_____.
0606	649.0960 Temporary Marking Removable Mask Out Tape 6-Inch	224.000 LF	_____.	_____.
0608	652.0125 Conduit Rigid Metallic 2-Inch	969.000 LF	_____.	_____.
0610	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	349.000 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
0612	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	23,644.000 LF	_____.	_____.
0614	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,991.000 LF	_____.	_____.
0616	652.0605 Conduit Special 2-Inch	52.000 LF	_____.	_____.
0618	652.0615 Conduit Special 3-Inch	951.000 LF	_____.	_____.
0620	652.0700.S Install Conduit into Existing Item	7.000 EACH	_____.	_____.
0622	652.0800 Conduit Loop Detector	1,433.000 LF	_____.	_____.
0624	653.0135 Pull Boxes Steel 24x36-Inch	7.000 EACH	_____.	_____.
0626	653.0140 Pull Boxes Steel 24x42-Inch	47.000 EACH	_____.	_____.
0628	653.0220 Junction Boxes 18x6x6-Inch	21.000 EACH	_____.	_____.
0630	653.0222 Junction Boxes 18x12x6-Inch	36.000 EACH	_____.	_____.
0632	653.0905 Removing Pull Boxes	64.000 EACH	_____.	_____.
0634	654.0101 Concrete Bases Type 1	6.000 EACH	_____.	_____.
0636	654.0102 Concrete Bases Type 2	4.000 EACH	_____.	_____.
0638	654.0105 Concrete Bases Type 5	12.000 EACH	_____.	_____.
0640	654.0106 Concrete Bases Type 6	1.000 EACH	_____.	_____.
0642	654.0108 Concrete Bases Type 8	13.000 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
0644	654.0110 Concrete Bases Type 10	1.000 EACH	_____.	_____.
0646	654.0120 Concrete Bases Type 10-Special	1.000 EACH	_____.	_____.
0648	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	_____.	_____.
0650	654.0224 Concrete Control Cabinet Bases Type L24	1.000 EACH	_____.	_____.
0652	654.0230 Concrete Control Cabinet Bases Type L30	4.000 EACH	_____.	_____.
0654	655.0148 Cable In Duct 4-8 AWG	1,666.000 LF	_____.	_____.
0656	655.0230 Cable Traffic Signal 5-14 AWG	1,094.000 LF	_____.	_____.
0658	655.0240 Cable Traffic Signal 7-14 AWG	1,222.000 LF	_____.	_____.
0660	655.0260 Cable Traffic Signal 12-14 AWG	659.000 LF	_____.	_____.
0662	655.0320 Cable Type UF 2-10 AWG Grounded	353.000 LF	_____.	_____.
0664	655.0510 Electrical Wire Traffic Signals 12 AWG	40.000 LF	_____.	_____.
0666	655.0515 Electrical Wire Traffic Signals 10 AWG	9,167.000 LF	_____.	_____.
0668	655.0610 Electrical Wire Lighting 12 AWG	22,258.000 LF	_____.	_____.
0670	655.0620 Electrical Wire Lighting 8 AWG	119,785.000 LF	_____.	_____.
0672	655.0625 Electrical Wire Lighting 6 AWG	2,108.000 LF	_____.	_____.
0674	655.0700 Loop Detector Lead In Cable	4,577.000 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
0676	655.0800 Loop Detector Wire	4,478.000 LF	_____.	_____.
0678	655.0900 Traffic Signal EVP Detector Cable	560.000 LF	_____.	_____.
0680	656.0200 Electrical Service Meter Breaker Pedestal (location) 0001. IH-43 NB Off Ramp & Port Washington Rd	LS	LUMP SUM	_____.
0682	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 1001. HL-40-CA	LS	LUMP SUM	_____.
0684	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 1002. HL-40-GL	LS	LUMP SUM	_____.
0686	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 1003. HL-40-CT	LS	LUMP SUM	_____.
0688	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 1004. HL-40-BP	LS	LUMP SUM	_____.
0690	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 1005. TA1	LS	LUMP SUM	_____.
0692	656.0500 Electrical Service Breaker Disconnect Box (location) 2001. EX-CCTV-40-0076	LS	LUMP SUM	_____.
0694	657.0100 Pedestal Bases	4.000 EACH	_____.	_____.
0696	657.0210 Transformer Bases Breakaway 15-17 Inch Bolt Circle	51.000 EACH	_____.	_____.
0698	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	26.000 EACH	_____.	_____.
0700	657.0305 Poles Type 2	2.000 EACH	_____.	_____.
0702	657.0310 Poles Type 3	2.000 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
0704	657.0322 Poles Type 5-Aluminum	21.000 EACH	_____.	_____.
0706	657.0327 Poles Type 6-Aluminum	1.000 EACH	_____.	_____.
0708	657.0375 Poles Type A	38.000 EACH	_____.	_____.
0710	657.0380 Poles Type E	13.000 EACH	_____.	_____.
0712	657.0405 Traffic Signal Standards Aluminum 3.5-FT	1.000 EACH	_____.	_____.
0714	657.0420 Traffic Signal Standards Aluminum 13-FT	3.000 EACH	_____.	_____.
0716	657.0605 Luminaire Arms Single Member 4 1/2-Inch Clamp 4-FT	17.000 EACH	_____.	_____.
0718	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	2.000 EACH	_____.	_____.
0720	657.0615 Luminaire Arms Single Member 4 1/2-Inch Clamp 8-FT	5.000 EACH	_____.	_____.
0722	657.0620 Luminaire Arms Single Member 6-Inch Clamp 4-FT	66.000 EACH	_____.	_____.
0724	658.0171 Traffic Signal Face 1S 12-Inch	2.000 EACH	_____.	_____.
0726	658.0173 Traffic Signal Face 3S 12-Inch	10.000 EACH	_____.	_____.
0728	658.0174 Traffic Signal Face 4S 12-Inch	1.000 EACH	_____.	_____.
0730	658.0416 Pedestrian Signal Face 16-Inch	4.000 EACH	_____.	_____.
0732	658.0500 Pedestrian Push Buttons	5.000 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
0734	658.5069 Signal Mounting Hardware (location) 0001. IH-43 NB Off Ramp & Port Washington Rd	LS	LUMP SUM	_____.
0736	658.5069 Signal Mounting Hardware (location) 0002. IH 43 SB On Ramp & W. Hampton Ave.	LS	LUMP SUM	_____.
0738	659.0600 Underdeck Lighting (location) 1001. B- 40-1016	LS	LUMP SUM	_____.
0740	659.0600 Underdeck Lighting (location) 1002. B- 40-1018	LS	LUMP SUM	_____.
0742	659.1120 Luminaires Utility LED B	26.000 EACH	_____.	_____.
0744	659.1125 Luminaires Utility LED C	5.000 EACH	_____.	_____.
0746	659.1130 Luminaires Utility LED D	88.000 EACH	_____.	_____.
0748	659.1205 Luminaires Underdeck LED A	8.000 EACH	_____.	_____.
0750	659.1215 Luminaires Underdeck LED C	18.000 EACH	_____.	_____.
0752	659.2124 Lighting Control Cabinets 120/240 24- Inch	1.000 EACH	_____.	_____.
0754	659.2230 Lighting Control Cabinets 240/480 30- Inch	4.000 EACH	_____.	_____.
0756	670.0100 Field System Integrator 0001. Signals	LS	LUMP SUM	_____.
0758	670.0100 Field System Integrator 2001. FTMS	LS	LUMP SUM	_____.
0760	670.0200 ITS Documentation 0001. Signals	LS	LUMP SUM	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0762	670.0200 ITS Documentation 2001. FTMS	LS	LUMP SUM	_____.
0764	671.0132 Conduit HDPE 3-Duct 2-Inch	5,150.000 LF	_____.	_____.
0766	671.0232 Conduit HDPE Directional Bore 3-Duct 2-Inch	2,070.000 LF	_____.	_____.
0768	673.0105 Communication Vault Type 1	13.000 EACH	_____.	_____.
0770	673.0225.S Install Pole Mounted Cabinet	1.000 EACH	_____.	_____.
0772	674.0200 Cable Microwave Detector	1,525.000 LF	_____.	_____.
0774	674.0300 Remove Cable	12,440.000 LF	_____.	_____.
0776	675.0100 Install Controller Ramp Meter Processor Assembly	1.000 EACH	_____.	_____.
0778	675.0300 Install Mounted Controller Microwave Detector Assembly	7.000 EACH	_____.	_____.
0780	677.0150 Install Camera Pole 50-FT	1.000 EACH	_____.	_____.
0782	677.0200 Install Camera Assembly	1.000 EACH	_____.	_____.
0784	677.9051.S Removing 50-FT Camera Pole	1.000 EACH	_____.	_____.
0786	677.9200.S Removing CCTV Camera	1.000 EACH	_____.	_____.
0788	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	530.000 LF	_____.	_____.
0790	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	8,235.000 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
0792	678.0200 Fiber Optic Splice Enclosure	1.000 EACH	_____.	_____.
0794	678.0300 Fiber Optic Splice	448.000 EACH	_____.	_____.
0796	678.0400 Fiber Optic Termination	18.000 EACH	_____.	_____.
0798	678.0500 Communication System Testing 0001. Signals	LS	LUMP SUM	_____.
0800	678.0500 Communication System Testing 2001. FTMS	LS	LUMP SUM	_____.
0802	678.0600 Install Ethernet Switches	5.000 EACH	_____.	_____.
0804	690.0150 Sawing Asphalt	100.000 LF	_____.	_____.
0806	690.0250 Sawing Concrete	13,340.000 LF	_____.	_____.
0808	715.0415 Incentive Strength Concrete Pavement	30,696.000 DOL	1.00000	30,696.00
0810	715.0502 Incentive Strength Concrete Structures	75,528.000 DOL	1.00000	75,528.00
0812	715.0603 Incentive Strength Concrete Barrier	9,918.000 DOL	1.00000	9,918.00
0814	715.0710 Optimized Aggregate Gradation Incentive	132,102.000 DOL	1.00000	132,102.00
0816	740.0440 Incentive IRI Ride	22,791.000 DOL	1.00000	22,791.00
0818	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,400.000 HRS	5.00000	7,000.00
0820	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	17,280.000 HRS	5.00000	86,400.00



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0822	SPV.0045 Special 0001. Temporary Detectable Warning Field	542.000 DAY	_____.	_____.
0824	SPV.0060 Special 0001. Concrete Barrier Transition Type G1	1.000 EACH	_____.	_____.
0826	SPV.0060 Special 0002. Concrete Barrier Transition Type G2	1.000 EACH	_____.	_____.
0828	SPV.0060 Special 0003. Marking Contrast Epoxy Special Marking Arrow	11.000 EACH	_____.	_____.
0830	SPV.0060 Special 0004. Marking Contrast Epoxy Special Marking Word	6.000 EACH	_____.	_____.
0832	SPV.0060 Special 0006. Baseline CPM Progress Schedule	1.000 EACH	_____.	_____.
0834	SPV.0060 Special 0007. Monthly CPM Progress Schedule Updates	36.000 EACH	_____.	_____.
0836	SPV.0060 Special 0008. Concrete Barrier Transition Type M1	2.000 EACH	_____.	_____.
0838	SPV.0060 Special 0120. Mobilizations Emergency Pavement Repair	10.000 EACH	_____.	_____.
0840	SPV.0060 Special 0603. Exposing Existing Infrastructure Paved Area	5.000 EACH	_____.	_____.
0842	SPV.0060 Special 0604. Exposing Existing Infrastructure Unpaved Area	5.000 EACH	_____.	_____.
0844	SPV.0060 Special 0910. Traffic Control Close-Open Freeway Entrance Ramp	400.000 EACH	_____.	_____.
0846	SPV.0060 Special 0916. Traffic Control Local Road Lane Closure	100.000 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
0848	SPV.0060 Special 0940. Emergency Response To Traffic Incident Involving Conc Barrier Temporary	40.000 EACH	_____.	_____.
0850	SPV.0060 Special 0945. Emergency Response To Traffic Incident Involving Crash Cushions	10.000 EACH	_____.	_____.
0852	SPV.0060 Special 1003. Wood Pole Lighting 60-Foot	48.000 EACH	_____.	_____.
0854	SPV.0060 Special 1004. Wood Poles 60-Foot	3.000 EACH	_____.	_____.
0856	SPV.0060 Special 1005. Removing Poles Wood 60-Foot and Floodlights	48.000 EACH	_____.	_____.
0858	SPV.0060 Special 1006. Removing Poles Wood 60-Foot	3.000 EACH	_____.	_____.
0860	SPV.0060 Special 1007. Luminaires Floodlight 400W HPS	51.000 EACH	_____.	_____.
0862	SPV.0060 Special 1008. Luminaires Replace Existing HPS	43.000 EACH	_____.	_____.
0864	SPV.0060 Special 1009. Removing Electrical Service Meter Breaker Pedestal Lighting	4.000 EACH	_____.	_____.
0866	SPV.0060 Special 1010. Concrete Bases Type B	15.000 EACH	_____.	_____.
0868	SPV.0060 Special 1011. Luminaires Sign LED	1.000 EACH	_____.	_____.
0870	SPV.0060 Special 1012. Luminaires Tunnel Lighting LED	8.000 EACH	_____.	_____.
0872	SPV.0060 Special 1014. Junction Boxes 4x4x4-Inch	8.000 EACH	_____.	_____.
0874	SPV.0060 Special 2000. Removing Electrical Service Meter Breaker Pedestal	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
0876	SPV.0060 Special 2001. Removing Controller Cabinet	2.000 EACH	_____.	_____.
0878	SPV.0060 Special 2002. Removing Controller Cabinet Base	2.000 EACH	_____.	_____.
0880	SPV.0060 Special 2004. Removing Ramp Control Signal Assembly Sidemount	2.000 EACH	_____.	_____.
0882	SPV.0060 Special 2005. Removing Communication Vault	6.000 EACH	_____.	_____.
0884	SPV.0060 Special 2006. Removing Electrical Service Breaker Disconnect Box	1.000 EACH	_____.	_____.
0886	SPV.0060 Special 2013. Ground Rod	2.000 EACH	_____.	_____.
0888	SPV.0060 Special 2020. Signal Assembly Ramp Control Sidemount	2.000 EACH	_____.	_____.
0890	SPV.0060 Special 2022. Signal Assembly Advance Flasher Type 1	1.000 EACH	_____.	_____.
0892	SPV.0060 Special 2023. Communication Vault Adjustment	1.000 EACH	_____.	_____.
0894	SPV.0060 Special 2024. Installing Portable Video Surveillance System	1.000 EACH	_____.	_____.
0896	SPV.0060 Special 2025. Temporary 5.8 GHZ Ethernet Bridge	1.000 EACH	_____.	_____.
0898	SPV.0060 Special 2026. Refocus Vehicle Detector Assembly	10.000 EACH	_____.	_____.
0900	SPV.0060 Special 3001. Install Poles Type 9	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0902	SPV.0060 Special 3002. Install Poles Type 9 Special	1.000 EACH	_____.	_____.
0904	SPV.0060 Special 3003. Install Monotube Arms 30-FT	1.000 EACH	_____.	_____.
0906	SPV.0060 Special 3004. Install Monotube Arms 40-FT Special	1.000 EACH	_____.	_____.
0908	SPV.0060 Special 4000. Embedded Galvanic Anodes	175.000 EACH	_____.	_____.
0910	SPV.0060 Special 4001. Ultrasonic Impact Treatment Procedure	84.000 EACH	_____.	_____.
0912	SPV.0060 Special 4002. Anchor Assemblies Noise Barrier Structures R-40-712	9.000 EACH	_____.	_____.
0914	SPV.0060 Special 4003. Anchor Assemblies Noise Barrier Structures R-40-713	64.000 EACH	_____.	_____.
0916	SPV.0060 Special 4004. Anchor Assemblies Noise Barrier Structures B-40-1020	13.000 EACH	_____.	_____.
0918	SPV.0060 Special 4005. Maintenance Doors	1.000 EACH	_____.	_____.
0920	SPV.0060 Special 6001. Sign Support Special Mounting	8.000 EACH	_____.	_____.
0922	SPV.0060 Special 7001. Adjusting Water Boxes	4.000 EACH	_____.	_____.
0924	SPV.0060 Special 7002. Adjusting Water Manholes	2.000 EACH	_____.	_____.
0926	SPV.0060 Special 8002. Manholes 9-FT Special	2.000 EACH	_____.	_____.
0928	SPV.0060 Special 8003. Manholes 10-FT Special	1.000 EACH	_____.	_____.



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Alt Set ID: Alt Mbr ID:

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0930	SPV.0060 Special 8004. Pipe Connection to Existing Structure	9.000 EACH	_____.	_____.
0932	SPV.0060 Special 8005. Removing Bulkhead	15.000 EACH	_____.	_____.
0934	SPV.0060 Special 8006. Lake Tower Pond Outlet Storm Sewer Structure	1.000 EACH	_____.	_____.
0936	SPV.0060 Special 8007. Oak Leaf Pond Outlet Storm Sewer Structure	1.000 EACH	_____.	_____.
0938	SPV.0060 Special 8008. Slip-In Check Valve for 36-Inch Diameter Pipe	1.000 EACH	_____.	_____.
0940	SPV.0060 Special 8009. Slip-In Check Valve for 48-Inch Diameter Pipe	1.000 EACH	_____.	_____.
0942	SPV.0075 Special 0001. Pavement Cleanup Project (1228-22-71)	1,500.000 HRS	_____.	_____.
0944	SPV.0090 Special 0001. Concrete Curb & Gutter 4-Inch Sloped 60-Inch Type A	3,455.000 LF	_____.	_____.
0946	SPV.0090 Special 0002. Concrete Barrier Type S42C Special	133.000 LF	_____.	_____.
0948	SPV.0090 Special 1001. Cable Aerial Aluminum 6 AWG Quadruplex	7,589.000 LF	_____.	_____.
0950	SPV.0090 Special 1002. Cable Aerial Aluminum 6 AWG Triplex	1,255.000 LF	_____.	_____.
0952	SPV.0090 Special 3000. Fiber Optic Warning Tape	46.000 LF	_____.	_____.
0954	SPV.0090 Special 4000. Removing Existing Steel Piling	80.000 LF	_____.	_____.



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Alt Set ID: Alt Mbr ID:

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0956	SPV.0090 Special 4010. Remove Existing Timber Piling	360.000 LF	_____.	_____.
0958	SPV.0090 Special 8001. Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class IV 38x60-	68.000 LF	_____.	_____.
0960	SPV.0090 Special 8025. Pipe Underdrain Exploration	100.000 LF	_____.	_____.
0962	SPV.0090 Special 8026. Storm Sewer Lateral Exploration	100.000 LF	_____.	_____.
0964	SPV.0090 Special 8027. Precast Trench Drain	267.000 LF	_____.	_____.
0966	SPV.0105 Special 0001. Survey Project (1228-22-71)	LS	LUMP SUM	_____.
0968	SPV.0105 Special 0002. Temporary Causeway	LS	LUMP SUM	_____.
0970	SPV.0105 Special 1001. Maintenance of Lighting System	LS	LUMP SUM	_____.
0972	SPV.0105 Special 1002. Lighting System Intergrator	LS	LUMP SUM	_____.
0974	SPV.0105 Special 3000. Trnspt & Inst State Furn Traffic Sig Cabinet IH-43 NB Off Ramp & Port Wash	LS	LUMP SUM	_____.
0976	SPV.0105 Special 3001. Trnspt & Inst State Furn Radar Detect Sys IH-43 NB Off Ramp & Port Wash	LS	LUMP SUM	_____.
0978	SPV.0105 Special 3002. Trnspt Traffic Sig & Inter Lighting Materials IH-43 NB Off Ramp &Port Wash	LS	LUMP SUM	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0980	SPV.0105 Special 3003. Trnspt & Inst State Furn EVP Heads IH-43 NB Off Ramp & Port Wash	LS	LUMP SUM	_____.
0982	SPV.0105 Special 3004. Install Fiber Optic Communications in Cabinet S40-1207	LS	LUMP SUM	_____.
0984	SPV.0105 Special 4000. Removing Sign Bridge S- 40-381	LS	LUMP SUM	_____.
0986	SPV.0105 Special 4001. Removing Sign Bridge S- 40-383	LS	LUMP SUM	_____.
0988	SPV.0105 Special 4002. Removing Sign Bridge S- 40-803	LS	LUMP SUM	_____.
0990	SPV.0105 Special 4003. Removing Sign Bridge S- 40-848	LS	LUMP SUM	_____.
0992	SPV.0105 Special 4004. Removing Sign Bridge S- 40-849	LS	LUMP SUM	_____.
0994	SPV.0105 Special 4005. Removing Sign Bridge S- 40-981	LS	LUMP SUM	_____.
0996	SPV.0105 Special 4006. Removing Sign Bridge S- 40-228	LS	LUMP SUM	_____.
0998	SPV.0105 Special 4007. Removing Sign Bridge S- 40-229	LS	LUMP SUM	_____.
1000	SPV.0105 Special 8001. Control of Water Storm Sewer	LS	LUMP SUM	_____.
1002	SPV.0105 Special 8002. Dewatering for Detention Basin Construction	LS	LUMP SUM	_____.
1004	SPV.0135 Special 0110. Field Office Special	35.000 MON	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20210413026 Project(s): 1228-22-71

Federal ID(s): WISC 2021226

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1006	SPV.0135 Special 0601. Vibration Monitoring	32.000 MON	_____.	_____.
1008	SPV.0165 Special 4000. Removing Loose Concrete	420.000 SF	_____.	_____.
1010	SPV.0165 Special 4001. Temporary Wall Wire Faced Mechanically Stabilized Earth	25,124.000 SF	_____.	_____.
1012	SPV.0165 Special 4002. Wall Concrete Panel Mechanically Stabilized Earth R-40-706	12,118.000 SF	_____.	_____.
1014	SPV.0165 Special 4003. Wall Concrete Panel Mechanically Stabilized Earth R-40-707	16,073.000 SF	_____.	_____.
1016	SPV.0165 Special 4004. Wall Concrete Panel Mechanically Stabilized Earth R-40-709	5,489.000 SF	_____.	_____.
1018	SPV.0165 Special 4005. Wall Concrete Panel Mechanically Stabilized Earth R-40-710	2,600.000 SF	_____.	_____.
1020	SPV.0165 Special 4006. Wall Concrete Panel Mechanically Stabilized Earth R-40-711	1,520.000 SF	_____.	_____.
1022	SPV.0165 Special 4007. Wall Concrete Panel Mechanically Stabilized Earth R-40-712	9,520.000 SF	_____.	_____.
1024	SPV.0165 Special 4008. Wall Concrete Panel Mechanically Stabilized Earth R-40-713	36,500.000 SF	_____.	_____.
1026	SPV.0180 Special 0301. Topsoil Special	75,447.000 SY	_____.	_____.
1028	SPV.0195 Special 0001. Management of Contaminated Soil and Contaminated Sediment	15,431.000 TON	_____.	_____.
1030	SPV.0195 Special 4000. Select Crushed Material for Travel Corridor	30.000 TON	_____.	_____.
1032	611.0420 Reconstructing Manholes	3.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20210413026 Project(s): 1228-22-71

Federal ID(s): WISC 2021226

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1034	649.0520 Temporary Marking Arrow Epoxy	4.000 EACH	_____.	_____.
1036	603.8500 Anchoring Concrete Barrier Temporary Precast	23,935.000 LF	_____.	_____.
1038	603.8505 Anchoring Concrete Barrier Temporary Precast on Bridge Decks	1,811.000 LF	_____.	_____.
1040	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1228-22-71	1.000 EACH	_____.	_____.
1042	629.0205 Fertilizer Type A	5.000 CWT	_____.	_____.
1044	630.0140 Seeding Mixture No. 40	338.000 LB	_____.	_____.
1046	643.1200.S Portable Automated Real-Time Traffic Queue Warning System	455.000 DAY	_____.	_____.
1048	645.0130 Geotextile Type R	66.000 SY	_____.	_____.
1050	SPV.0045 Special 0002. Waterway Buoys	25,194.000 DAY	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.