



# Wisconsin Department of Transportation

## Division of Transportation Systems Development

Bureau of Project Development  
4802 Sheboygan Avenue, Rm 601  
P O Box 7916  
Madison, WI 53707-7916

November 28, 2017

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #11: 2010-14-70, WISC 2018 008**  
**Zoo Freeway**  
**Swan Blvd to Burleigh Street**  
**IH 41**  
**Milwaukee County**

### Letting of December 12, 2017

This is Addendum No. 1, which provides for the following:

#### Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
5	Traffic
8	Other Contracts

#### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.9090.S.0001	Removing Concrete Barrier Precast	LF	145	5	150
603.8125	Concrete Barrier Temporary Precast Installed	LF	22,424	104	22,528
637.2230	Signs Type II Reflective F	SF	760.75	44.00	804.75
SPV.0090.0002	Concrete Barrier Temporary Precast Delivered Special	LF	922	228	1,150
SPV.0090.0003	Maintain Concrete Barrier Temporary Precast	LF	5,293	1,780	7,073
SPV.0090.0004	Maintain And Remove Concrete Barrier Temporary Precast	LF	703	272	975

**Plan Sheets:**

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
91	Storm Sewer – Construction Details Sheet – Revised limits of concrete pavement on the detail for Adjusting Manhole or Inlet Covers
92	Storm Sewer – Construction Details Sheet – Revised limits of backfill slurry on the Backfill Slurry Detail – Storm Sewer Structures
195	Traffic Control Detail Sheet – Revised note, removed line from SB IH 41 topo
196	Traffic Control Stage 1 Overview Sheet – Added Remove Rumble Strips and Bridge Rehab to Construction notes
199	Stage 1 Construction Sheet – Revised Exit Ramp pavement marking; Added dimensions from lane line to barrier; Removed Sign (W5-52L)
200	Stage 1 Construction Sheet – Removed pier note and dimensions from typical section
207	Stage 1 Construction Sheet – Added reference to SDD “Traffic Control, Single Lane Closure, Non-Freeway/Expressway” under Traffic notes; Added reference to SDD “Barricades and Signs for Sideroad Closures” for 113 <sup>TH</sup> & 114 <sup>TH</sup> Streets; Added note to see IH 41 sheets for additional information; Added dimension for R9-11 Signs
208	Traffic Control Stage 2A Overview Sheet – Added Bridge Rehab to Construction notes
210	Stage 2A Construction Sheet – Removed Pavement Marking lines south of Swan BLVD; Added Pavement Marking callouts north of Swan BLVD
211	Stage 2A Construction Sheet – Revised Lane dimensions from 12’ to 11’; Added dimensions from lane lines to barrier
213	Stage 2A Construction Sheet – Revised Entrance Ramp pavement marking
214	Stage 2A Construction Sheet – Revised NB Entrance Ramp and SB Exit Ramps pavement marking
215	Stage 2A Construction Sheet – Revised NB Entrance and SB Exit Ramp pavement marking; added sign and sign structure S-40-871
216	Stage 2A Construction Sheet – Added S-40-872 and Traffic Control note
219	Traffic Control Stage 2B Overview Sheet – Added Complete Restoration to Construction note; Revised Ramp note to spell out Watertown Plank Road and added callout to plan view
254	Miscellaneous Quantities Sheet – Revised quantities for Temporary Concrete Barrier Items
266	Miscellaneous Quantities Sheet – Added quantity for Sign Type II Reflective F

**Other**

Revise the contract time for completion from a completion date of August 19, 2018 to a completion date of August 24, 2018.

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

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

**ADDENDUM NO. 01**

**2010-14-70**

**November 28, 2017**

**Special Provisions**

**3. Prosecution and Progress**

*Replace entire article language with the following:*

The contractor will not have access to the work site and shall not begin work of any kind until 12:01 AM on Monday March 12, 2018.

Begin work within ten calendar days after the engineer issues a written notice to do so.

Provide the start date to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the approved start date.

To revise the start date, submit a written request to the engineer at least two weeks before the intended start date. The engineer will approve or deny that request based on the conditions cited in the request and its effect on the department's scheduled resources.

The contract time for completion is based on an expedited work schedule and may require extraordinary forces and equipment; work on Saturdays, Sundays and nationally recognized legal holidays; and work at night.

Indicate on the proposed schedule of operations that a large force and adequate equipment will be needed to assure that the work will be completed within the established contract time.

Be advised that there may be multiple mobilizations and/or remobilizations to complete construction operations, for example such items as; traffic control, storm sewer, asphalt base patching, concrete base patching, milling, paving, signing, temporary and permanent pavement marking, finishing items and other incidental items. No additional payment will be made, by the department, for additional mobilizations.

There will be no adverse weather delay or additional compensation for cold weather construction, unless otherwise provided for in the contract.

After written notice to proceed, and prior to Final Acceptance of the work, assist with maintenance of existing roadways and bridges as specified in standard spec 104.6.1. This assistance may include performance of work covered under pay items or accommodating local repair forces within the work zones. Maintain all newly constructed work as specified in standard spec 104.6.1.

Place topsoil in all graded areas as designated by the engineer immediately after grading has been completed. Fertilize, seed and mulch or fertilize and sod all areas within five calendar days after placement of topsoil.

**CPM Progress Schedule**

Refer to the Baseline CPM Progress Schedule items elsewhere in these special provisions.

## Schedule of Operations

Traffic shifts shown in a given stage may occur at different times during that stage depending on the controlling elements for a given traffic movement. The department anticipates that the schedule for each stage shall be as follows:

### Stage 1 Construction:

- Mill and overlay IH 41 NB and SB concrete rumble strips prior to shifting traffic.
- Median removals and median storm sewer in IH 41 NB and SB directions.
- Begin bridge rehabilitation.
- Construct replacement concrete median barrier after storm sewer installation.
- Construct median shoulder pavement in IH 41 NB and SB directions.
- May begin mill and overlay of existing asphaltic pavement in IH 41 NB and SB Lane 1 and perform any necessary base patching.
- Begin and complete all work on North Avenue: milling, paving, sidewalk, pavement marking, signing, sign structures, and restoration.

### Stage 2 Construction:

- Complete construction of IH 41 sign structures.
- Complete removals in IH 41 outside shoulder.
- Complete IH 41 outside shoulder pavement, curb & gutter and concrete barrier.
- Complete Mill and overlay existing asphaltic pavement in IH 41 NB and SB and perform any necessary base patching.
- Complete bridge rehabilitation.
- Complete permanent pavement marking and signing.
- Complete restoration items.

## Freeway and Ramp Work Restrictions

### Definitions

The following definitions apply to this contract for freeway work restrictions:

<b>System Ramps</b>	Freeway to freeway ramps
<b>Service Ramps</b>	Freeway to/from local road ramps

### Weekday Peak Hours

5:30 AM – 7:00 PM Monday, Tuesday, Wednesday, Thursday, and Friday

### Weekend Peak Hours

10:00 AM – 7:00 PM Saturday, Sunday

### Weekend Off-Peak Hours

- 8:00 AM – 10:00 AM Saturday, Sunday
- 7:00 PM – 11:00 PM Saturday
- 7:00 PM – 9:30 PM Sunday

### Weekday Off-Peak Hours

- 7:00 PM – 9:30 PM Monday, Tuesday, Wednesday, Thursday
- 7:00 PM – 11:00 PM Friday

### Night Time Hours

- 9:30 PM – 5:30 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM)
- 11:00 PM – 8:00 AM (Friday PM to Saturday AM, Saturday PM to Sunday AM)

### **Freeway Work Restrictions - General**

Do not close freeway lanes or shoulders and ensure that the freeways are entirely clear for traffic during Weekday Peak Hours, Weekend Peak Hours, Weekday Off-Peak Hours, and Weekend Off-Peak Hours, except as shown in the traffic control plans. Provide a minimum of one lane in each direction of the freeway that is entirely clear for traffic during Night Time Hours.

Follow plan details for closures. Lane restrictions of the freeway beyond that shown on the traffic control plans are subject to lane rental assessments and must be approved by the engineer. If plan details are not provided in the traffic control plan, furnish plans for review by the engineer. Once approved, allow at least three business days prior to the closure of roadway, lane, and ramp. (See Lane Rental Fee Assessment article.)

Do not, at any time, conduct construction operations in the median area and adjacent outside shoulder area of the freeway at the same time without obtaining prior permission of the engineer, beyond that shown on the traffic control plans.

SEF Rev. 14\_1212

### **Ramp Work Restrictions - General**

All entrance and exit ramps shall be posted three business days in advance of their closure with dates and time of closure.

No two consecutive entrance ramps or consecutive exit ramps may be closed unless it is shown in the traffic control plans or approved by the engineer.

All five North Avenue entrance and exit ramps shall be closed during Stage 1 construction and detoured, as shown in the plans. These ramps shall be open at all times during Stage 2, except ramp closures will be permitted during Night Time hours as approved by the engineer. All other freeway ramps shall remain open at all times during both Stage 1 and Stage 2, except ramp closures will be permitted during Night Time hours as approved by the engineer.

### **Work Zone Ingress/Egress**

Provide engineer approved signage and parallel deceleration and acceleration lanes for freeway access into and out of the work zones at locations approved by the engineer.

At the weekly traffic meetings, provide an Emergency Work Zone Access Plan and required updates, as approved by the engineer, to direct emergency responders accessing a mainline median barrier restricted work zone.

Locations of work zone egress or ingress for construction vehicles, other than as the plans show, is subject to approval from the engineer. Access into the work zones are not allowed directly from the freeway during Peak and Off-Peak hours. Access into the work zones from the freeway will be allowed during Night Time hours, subject to approval by the engineer, if operations can be safely accomplished and do not result in non-construction traffic entering the work zones. Exiting work zones directly onto the freeway are only allowed where operations do not obstruct or slow traffic on the freeway. All construction vehicles shall yield to all through traffic at all locations.  
sef-643-050 (20130425)

### **Local Street Work Restriction**

#### **Definitions**

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

#### **Peak Hours**

- 6:00 AM – 9:00 AM Monday, Tuesday, Wednesday, Thursday, Friday
- 3:00 PM – 7:00 PM Monday, Tuesday, Wednesday, Thursday, Friday

- 11:00 AM – 8:00 PM Saturday
- 1:00 PM – 5:00 PM Sunday

**Off-Peak Hours (Day Time and Night Time)**

- 9:00 AM – 3:00 PM Monday, Tuesday, Wednesday, Thursday, Friday
- 7:00 PM – 6:00 AM Monday, Tuesday, Wednesday, Thursday
- 9:00 PM – 11:00 AM Friday PM to Saturday AM
- 8:00 PM – 1:00 PM Saturday PM to Sunday PM
- 5:00 PM – 6:00 AM Sunday PM to Monday AM

**Local Street Restrictions - General**

Do not close local street traffic lanes or intersections and ensure that the local street traffic lanes are entirely clear for traffic during Peak Hours, except as shown in the traffic control plans. One local street traffic lane and/or the shoulder may be closed, but maintain at least one local street traffic lane open to traffic, during Off-Peak Hours. Close intersections only during Off-Peak Hours, unless otherwise specified in the plan, or unless otherwise approved by the engineer for safety or operational reasons associated with other adjacent local street closures.

Follow plan details for closures. Lane restrictions beyond that shown on the traffic control plans must be approved by the engineer. If plan details are not provided in the traffic control plan, furnish plans for review by the engineer for approval. Once approved, allow at least five business days prior to the closure of local roadway and/or intersection.

Do not, at any time, conduct construction operations in the median area and adjacent outside shoulder area of the local street at the same time without obtaining prior permission of the engineer, beyond that shown on the traffic control plans.

Permitting the contractor to continue and finish the work or any part of it after the time fixed for its completion, or after the date to which the time for completion may have been extended, will in no way operate as a waiver on the part of the department of any of its rights under the contract.

Keep sidewalks open unless otherwise shown on the plans, or as approved by the engineer. Maintain pedestrian access to adjacent properties, businesses, schools, and at bus stops or provide where necessary, as directed by the engineer. Protect pedestrians from falling debris at all times when sidewalks are open.

**Local Street Restrictions - North Avenue**

On North Avenue, during Stage 1 all thru lanes shall remain open during Peak Hours. All milling and overlay work on North Avenue shall be completed during Off-Peak Night Time Hours. During Night Time Off-Peak hours, maintain one lane in each direction along North Avenue at all times. Replace curb ramps and construct proposed sign structures during Day Time Off-Peak hours and Night Time Off-Peak hours using a single lane closure. Keep sidewalks open unless otherwise shown on the plans, or to facilitate the removal and replacement of curb ramps and sign structures. Provide sidewalk detours for any out-of-service sidewalks. Reopen all sidewalks within 48 hours of commencing any sidewalk curb ramp replacement, sign structure work, or repair work.

On North Avenue, during Stage 2 all lanes, shoulders, and sidewalks shall remain open at all times.

**Transit System**

Provide Milwaukee County Transit System - Coordinator of Street Supervision, Melanie Flynn, (414) 343-1764, with a schedule of any closures that effect any MCTS route and/or stop 14 calendar days prior to closure.

**Portable Changeable Message Signs**

Obtain acceptance from the engineer regarding the wording of all messages on portable changeable message signs prior to placing the message.

### **All Work Restrictions**

Excavation material and cleared and grubbed material should be stockpiled on upland areas an adequate distance away from wetlands, storm sewer inlets, floodplains, and the waterways as determined by engineer.

Existing trees, street light poles, hydrants and other utility poles are to remain in place during construction unless otherwise noted in the plan. Conduct an on-site visit prior to bidding to determine any special measures required for proper clearance between the trees, hydrants and poles and the paving equipment. No additional compensation will be made.

Provide the Wisconsin State Patrol, Milwaukee County Highway Maintenance, the City of Wauwatosa Police Department, and Milwaukee County Sheriff's Department with a 24-hour emergency contact number for when maintenance is required.

### **Interim and Final Completion of Work**

*Supplement standard spec 108.10 with the following:*

The department will not grant time extensions for the following:

- Severe weather as specified in standard spec 108.10.2.2.
- Labor disputes that are not industry wide.
- Delays in material deliveries.

Each day is defined as a twenty-four hour period beginning at 12:01 AM.  
SEF Rev. 16\_1206

### **Interim Completion of Work 6/26/2018**

*Supplement standard spec 108.11 as follows.*

If the contractor fails to complete IH 41 median shoulder pavement, storm sewer, and concrete barrier as shown in Stage 1 of the staging plans, and/or fails to complete North Avenue pavement mill and overlay, pavement marking, pedestrian curb ramps, and sign structures as shown in Stage 1 Construction – North Avenue prior to 12:01 AM on June 27, 2018, the department will assess the contractor \$10,000 in interim liquidated damages per day for each calendar day after 12:01 AM on June 27, 2018 that the North Avenue Ramps and/or North Avenue lanes or shoulders is not open to vehicular traffic. An entire calendar day will be charged for any period of time within a calendar day that any North Avenue Ramp remains closed and/or North Avenue lane or shoulder remains closed beyond 12:01 AM, on June 27, 2018.

### **Final Completion of Work August 24, 2018**

*Supplement standard spec 108.11 as follows.*

If contract time expires prior to completing all contract work, by 12:01 AM on August 25, 2018, the department will assess the contractor \$10,000 in liquidated damages per calendar day for each calendar day after 12:01 AM on August 25, 2018, that the project is not completed. An entire calendar day will be charged for any period of time within a calendar day that the project remains uncompleted beyond 12:01 AM, on August 25, 2018.

### **Migratory Birds**

Swallow and other migratory birds' nests have been observed on or under the existing bridge. All active nests (when eggs or young are present) of migratory birds are protected under the federal Migratory Bird Treaty Act.

The nesting season for swallows and other birds is usually between May 1 and August 30. Either prevent active nests from becoming established, or apply for a depredation permit from the US Fish and Wildlife Service for work that may disturb or destroy active nests. The need for a permit may be avoided by clearing nests from the bridge superstructure before the nests become active in early spring. As a last resort, prevent birds from nesting by installing a suitable netting device on the structure prior to nesting activity. Include the cost for preventing nesting in the cost of Concrete Surface Repair.

If swallow nests are encountered during the nesting season, please contact Laci Kazan at WisDOT Southeast Region, (414) 322-1429 Birds (20090901)

**Northern Long-eared Bat (*Myotis septentrionalis*)**

Northern Long-eared Bats (NLEB) have the potential to inhabit the project limits because they roost in trees. Roosts may not have been observed on this project, but conditions to support the species exist. The species and all active roosts are protected by the Federal Endangered Species Act. If an individual bat or active roost is encountered during construction operations, stop work and notify the engineer and the WisDOT Regional Environmental Coordinator (REC).

In accordance to the final 4(d) rule issued for the NLEB, the department has determined that the proposed activity may affect, but will not result in prohibited take of the NLEB. The activity involves tree removal, but will not occur within 0.25 miles of a known hibernacula, nor will the activity remove a known maternity roost tree or any other tree within 150 feet of a known maternity roost tree.

If additional trees need to be removed, no Clearing shall occur without prior approval from the engineer, following coordination with the WisDOT REC. Additional tree removal beyond the area originally specified will require consultation with the United States Fish and Wildlife Service (USFWS) and may require a bat presence/absence survey. Notify the engineer if additional Clearing cannot be avoided to begin coordination with the WisDOT REC. The WisDOT REC will initiate consultation with the USFWS and determine if a survey is necessary.

Submit a schedule and description of clearing operations with the ECIP 14 days prior to any Clearing operations. The department will determine, based on schedule and scope of work, what additional erosion control measures shall be implemented prior to the start of Clearing operations, and list those additional measures in the ECIP.

**5. Traffic**

*Replace paragraph six titled **Stage 1 Traffic:** and paragraph seven titled **Stage 2 Traffic:** with the following:*

**Stage 1 Traffic:**

- Close inside shoulder and inside lane on IH 41 NB and SB between Swan Blvd and Burleigh St, maintain three lanes of traffic during all Peak and Off-peak hours utilizing existing lanes and outside shoulder.
- Close all five North Avenue Entrance and Exit Ramps and detour traffic as shown in the plans.
- North Avenue shall be paved during Night Time Off-Peak hours and have a minimum single lane open in each direction during resurfacing. Other operations, including crosswalk ramp replacement and sign structure construction, may take place during Day Time Off-Peak hours or Night Time Off-Peak hours with a single lane closure. Maintain all travel lanes on North Avenue during Peak hours.

**Stage 2 Traffic:**

- Shift IH 41 NB and SB traffic to new inside median lane between Swan Blvd and Burleigh St, maintain three lanes of traffic. Lane closures shall only be permitted during Night Time hours as approved by the engineer.



- Maintain open all five North Avenue entrance and exit ramps as shown in the plans during Peak and Off-Peak hours. Ramp closures shall only be permitted during Night Time hours as approved by the engineer.
- No lane closures shall be permitted on North Avenue.

## **8. Other Contracts**

*Add the following paragraph at the end of the article:*

### **City of Wauwatosa – Sanitary Sewer Project**

The City of Wauwatosa is planning a city let construction project in 2018 to reconstruct a sanitary sewer line, which is proposed to run thru the southwest quadrant of the North Avenue interchange. The anticipated alignment of the sanitary sewer line is from the inner area of the loop ramp south to W. Garfield Avenue and N. 113<sup>th</sup> Street. Excavation is anticipated across the freeway ramps. City Contact: Bill Wehrley, city engineer, (414) 479-8927.

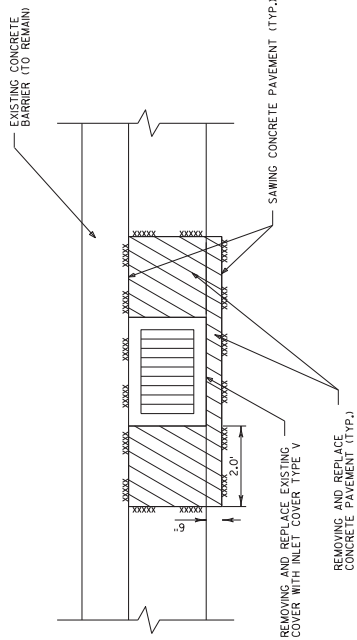
### **Schedule of Items**

Attached, dated November 28, 2017, are the revised Schedule of Items Pages 2, 3, 6, 12, and 13.

### **Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:  
Revised: 91, 92, 195, 196, 199, 200, 207, 208, 210, 211, 213-216, 219, 254, and 266.

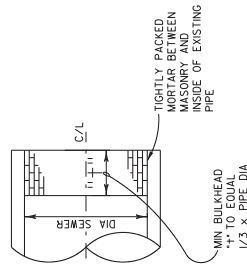
END OF ADDENDUM



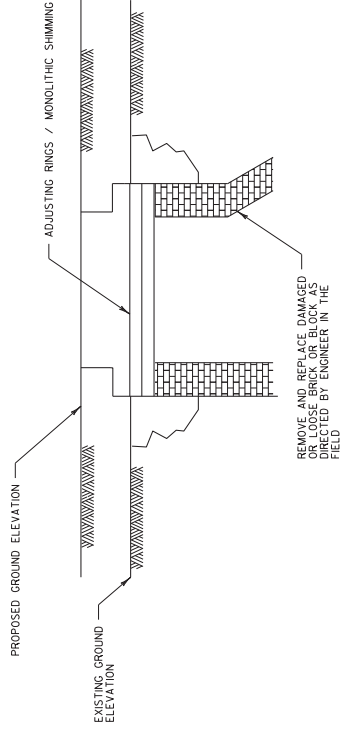
INLET COVER REPLACEMENT DETAIL

BULKHEAD PIPE MASONRY

ITEM TO BE PAID FOR UNDER ITEM "SEALING PIPES"



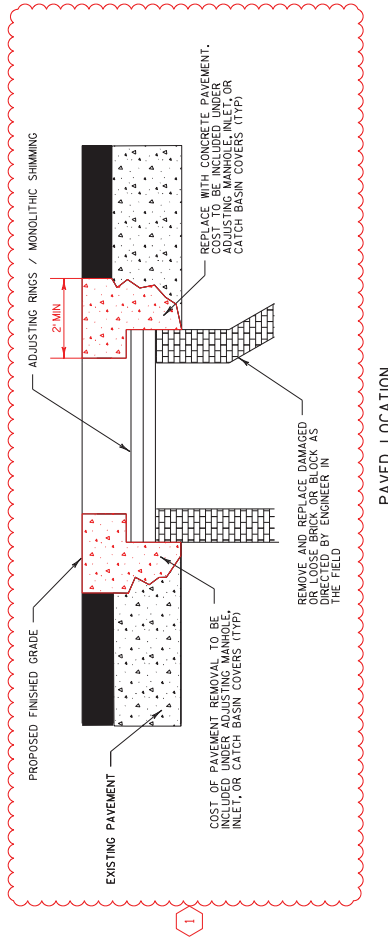
Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 91  
 November 28, 2017



NON-PAVED LOCATION

NOTES

1. IF EXISTING PAVEMENT REMOVAL IS NOT SHOWN IN THE REMOVAL PLANS, AND A SAWCUT IS REQUIRED THE SAWCUT SHALL BE MADE AT AN INTERVAL TO ADJUSTING MANHOLE OR INLET COVERS.
2. ADJUST CHIMNEY WITH PROPER SIZE CONCRETE ADJUSTING RINGS. SIZE OF OPENING OF CONCRETE ADJUSTING RING TO BE DETERMINED BY SIZE OF OPENING IN EXISTING PAVEMENT. SHIMMING SHALL BE INSTALLED EXISTING FRAME AND LID TO FINISHED GRADE. BACKFILL AND OTHER WORK TO BE DONE IN ACCORDANCE WITH ITEM ADJUSTING INLET COVERS.



PAVED LOCATION

ADJUSTING MANHOLE OR INLET COVERS

BACKFILL SLURRY STRUCTURES (FOR INFORMATION ONLY)

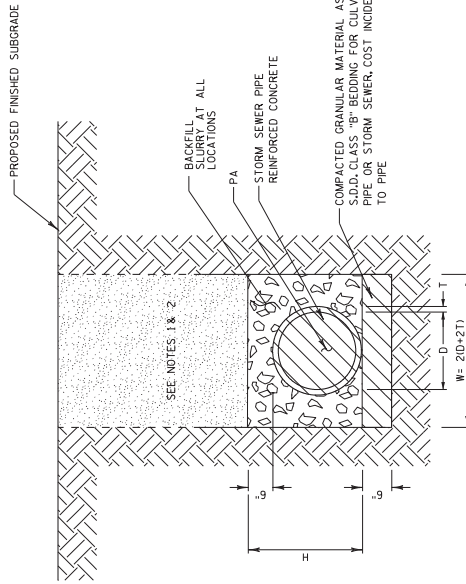
DESCRIPTION	D	RV	T	W	L	FT	STRUCTURE EXCAVATION AREA	STRUCTURE WIDTH	STRUCTURE EXCAVATION AREA	STRUCTURE AREA	STRUCTURE AREA	BACKFILL SLURRY AREA
	FT	INCH	INCH	FT	FT	FT	SF	FT	SF	SF	SF	SF
INLETS 2x2.5-FT	2	2.5	5	0.03	0.03	9.33	0.2	9	73	9	73	3.49
INLETS 2x3-FT	3	3	5	0.03	0.03	9.83	0.7	11	76	11	76	4.83
INLETS MEDIAN 1 GRATE	2.5	2.5	8	0.83	0.83	12.66	1.05	26	90	26	90	6.38
INLETS MEDIAN 2 GRATE	2.5	5.33	8	0.83	0.83	12.66	1.05	26	90	26	90	10.09
INLETS 3-FT DIAMETER	3	3	4	0.67	0.67	9.0	0.3	11	83	11	83	7.47
MANHOLES 3-FT DIAMETER	3	3	4	0.67	0.67	9.0	0.3	11	83	11	83	10.56
MANHOLES 4-FT DIAMETER	4	4	5	1.03	1.03	11.7	0.3	18	99	18	99	14.19
MANHOLES 5-FT DIAMETER	5	5	10.83	1.03	1.03	11.7	0.3	18	99	18	99	20.46
MANHOLES 6-FT DIAMETER	6	6	12.00	1.03	1.03	11.4	0.3	26	116	26	116	24.84
MANHOLES 7-FT DIAMETER	7	7	13.17	1.37	1.37	11.3	0.3	40	133	40	133	31.69
MANHOLES 8-FT DIAMETER	8	8	14.33	1.33	1.33	20.5	0.3	55	151	55	151	38.34
MANHOLES 9-FT DIAMETER	9	9	15.50	1.50	1.50	20.0	0.3	71	189	71	189	46.83
MANHOLES 10-FT DIAMETER	10	10	16.67	1.67	1.67	21.8	0.3	88	208	88	208	56.19
MANHOLES 10-FT DIAMETER	10	10	17.83	1.83	1.83	31.8	0.3	110	268	110	268	66.37
SAV STRUCTURE	12	12	20.00	20.00	20.00	400	154	154	248	154	248	33.34
SOUTHWEST CORNER POND												
OUTLET STORM SEWER STRUCTURE	10	10	1	17.83	17.83	3.8	110	110	208	110	208	61.37

Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 92  
 November 28, 2017

BACKFILL SLURRY TRENCHES (FOR INFORMATION ONLY)

PIPE DIAMETER	WALL THICKNESS	TRENCH WIDTH	H	AREA OF PIPE ZONE	AREA OF PIPE PA	BACKFILL SLURRY AREA
INCHES	INCHES	FT	(From pipe bottom to 6" above top of pipe)	SF	SF	SF
12	2.00	2.67	1.83	4.89	1.40	3.49
15	2.25	3.25	2.13	6.81	2.07	4.83
18	2.50	3.83	2.42	9.20	2.88	6.38
24	3.00	5.00	3.00	15.00	4.91	10.09
30	3.50	6.17	3.58	22.10	7.47	14.63
36	4.00	7.33	4.17	30.86	10.56	20.00
42	4.50	8.50	4.75	40.38	14.19	26.19
48	5.00	9.67	5.33	51.56	19.35	33.21
54	5.25	11.08	6.04	66.96	24.12	42.84
60	6.75	12.25	6.63	81.16	29.46	51.69
66	7.25	13.42	7.21	96.71	35.34	61.37

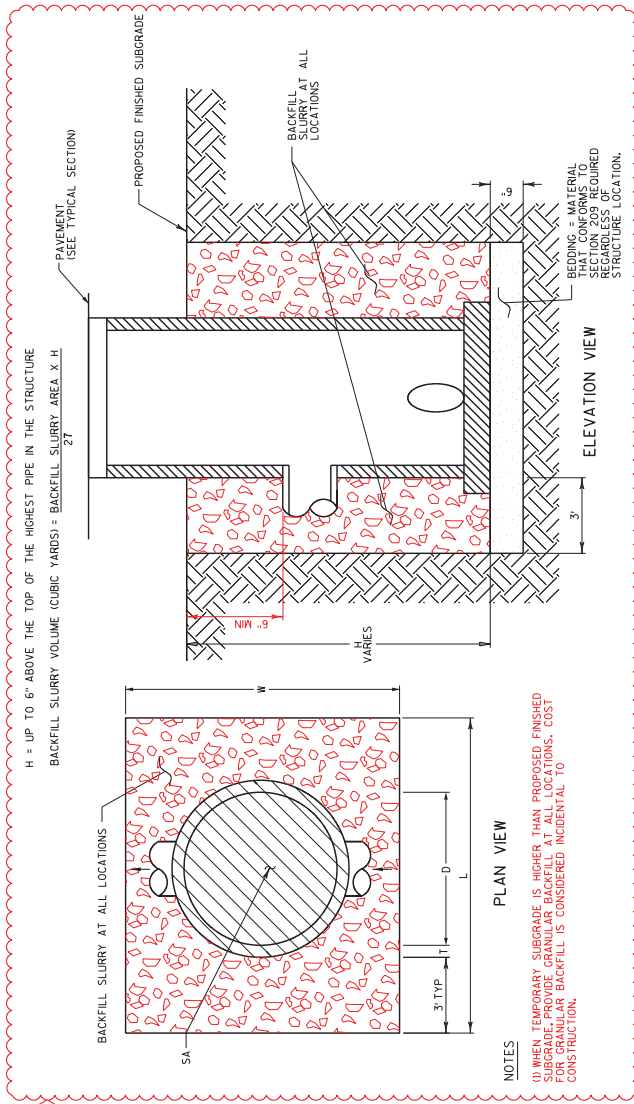
BACKFILL SLURRY VOLUME (CUBIC YARDS) = PIPE\_ZONE\_AREA - PIPE\_AREA X PIPE\_PLAN\_LENGTH  
 ZT



NOTES

- (1) IF THE PIPE IS OUTSIDE THE TRAVELED WAY INCLUSIVE OF SHOULDERS AND AUXILIARY LANES, NATIVE BACKFILL MAY BE USED ABOVE BACKFILL SLURRY AND SHALL CONFORM TO SECTION 209.
- (2) IF THE PIPE IS WITHIN THE TRAVELED WAY INCLUSIVE OF SHOULDERS AND AUXILIARY LANES, BACKFILL ABOVE BACKFILL SLURRY SHALL CONFORM TO SECTION 209.
- (3) WHEN TEMPORARY SUBGRADE IS HIGHER THAN PROPOSED FINISHED SUBGRADE, PROVIDE GRANULAR BACKFILL AT ALL LOCATIONS. COST FOR GRANULAR BACKFILL IS CONSIDERED INCIDENTAL TO CONSTRUCTION.

BACKFILL SLURRY DETAIL - STORM SEWER TRENCH

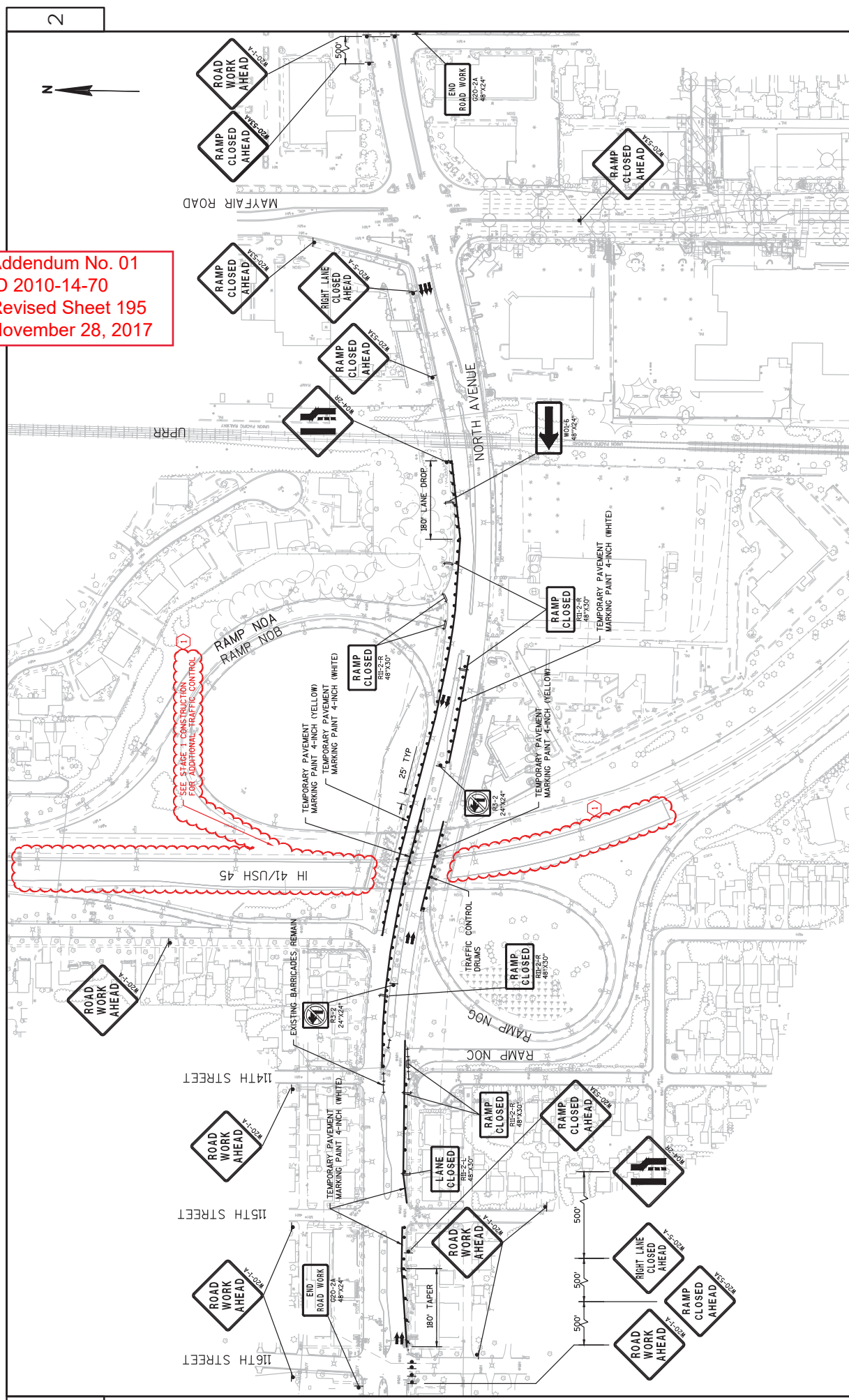


NOTES

- (1) WHEN TEMPORARY SUBGRADE IS HIGHER THAN PROPOSED FINISHED SUBGRADE, PROVIDE GRANULAR BACKFILL AT ALL LOCATIONS. COST FOR GRANULAR BACKFILL IS CONSIDERED INCIDENTAL TO CONSTRUCTION.

BACKFILL SLURRY DETAIL - STORM SEWER STRUCTURES

Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 195  
 November 28, 2017



2

2



BURLEIGH STREET

RAMP B/D  
RAMP B/D

CENTER ST

113TH STREET  
112TH STREET

MEINCKE AVENUE

NORTH AVENUE

IH 41/USH 45

MAYFAIR ROAD

UPRR

UNDERWOOD PARKWAY

SWAN BOULEVARD

WATERTOWN PLANK ROAD

LEGEND



STAGE 1

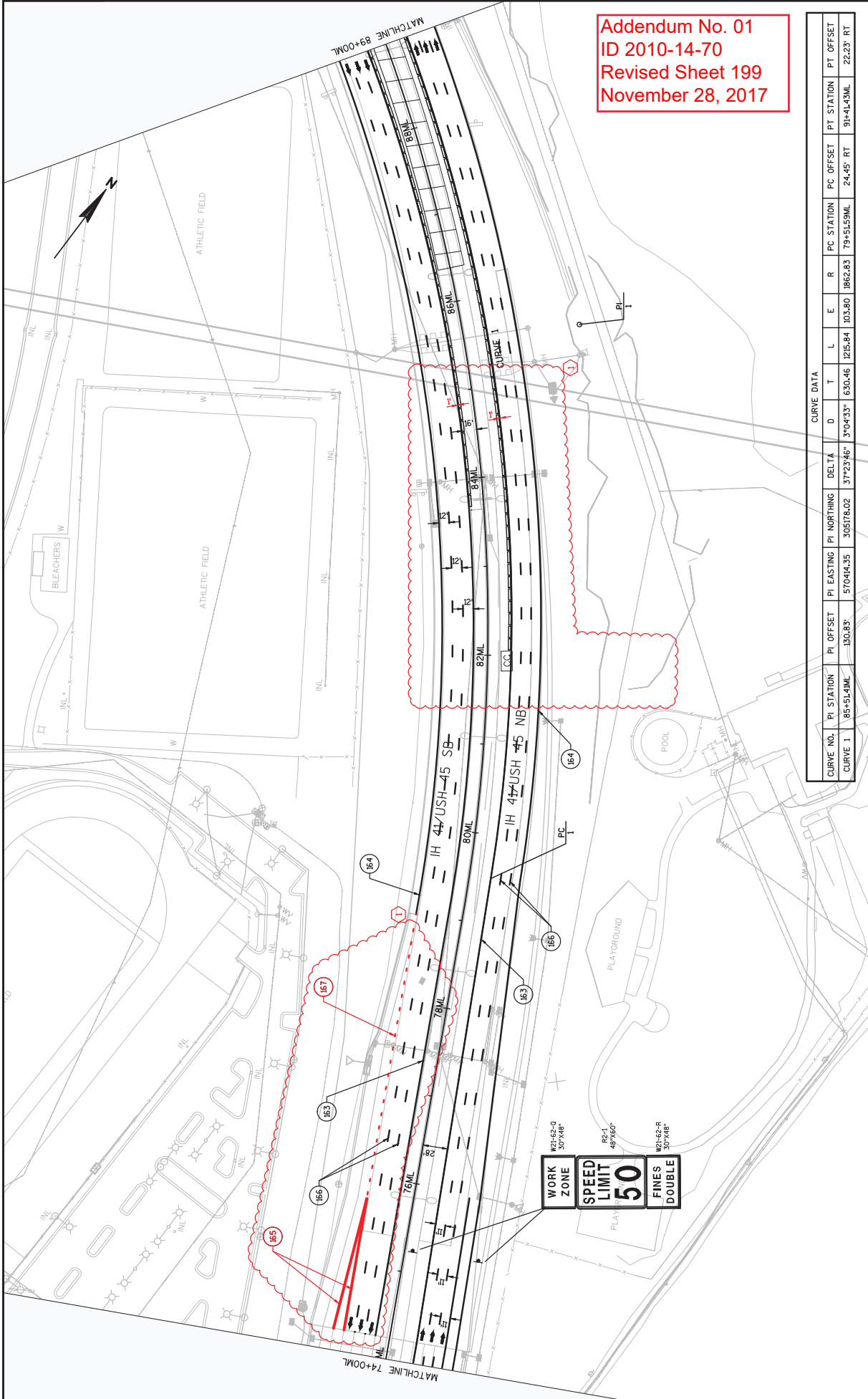
CONSTRUCTION

- REMOVE BUMBLE STRIPS PRIOR TO TRAFFIC SWITCH FOR STAGE 1
- BRIDGE REHAB
- RECONSTRUCTION OF MEDIAN SHOULDERS
- RECONSTRUCTION OF CENTER INLET AND TRUNK RECONSTRUCTION
- BARRIER RECONSTRUCTION

TRAFFIC:

- 3 LANES MAINTAINED FOR NB & SB
- ALL NORTH AVENUE RAMP CLOSED
- ALL NORTH AVENUE RAMP CLOSED

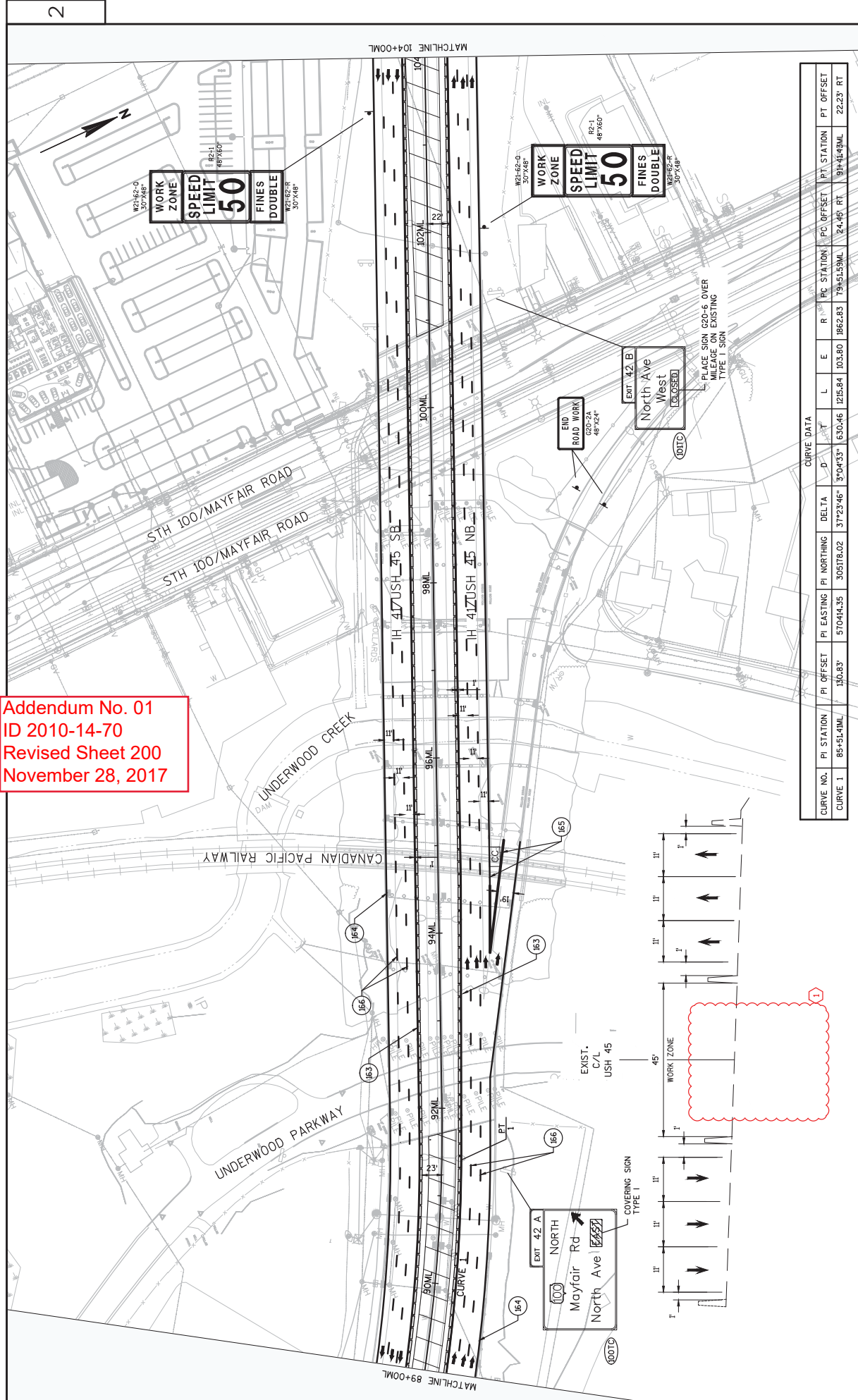
Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 196  
 November 28, 2017



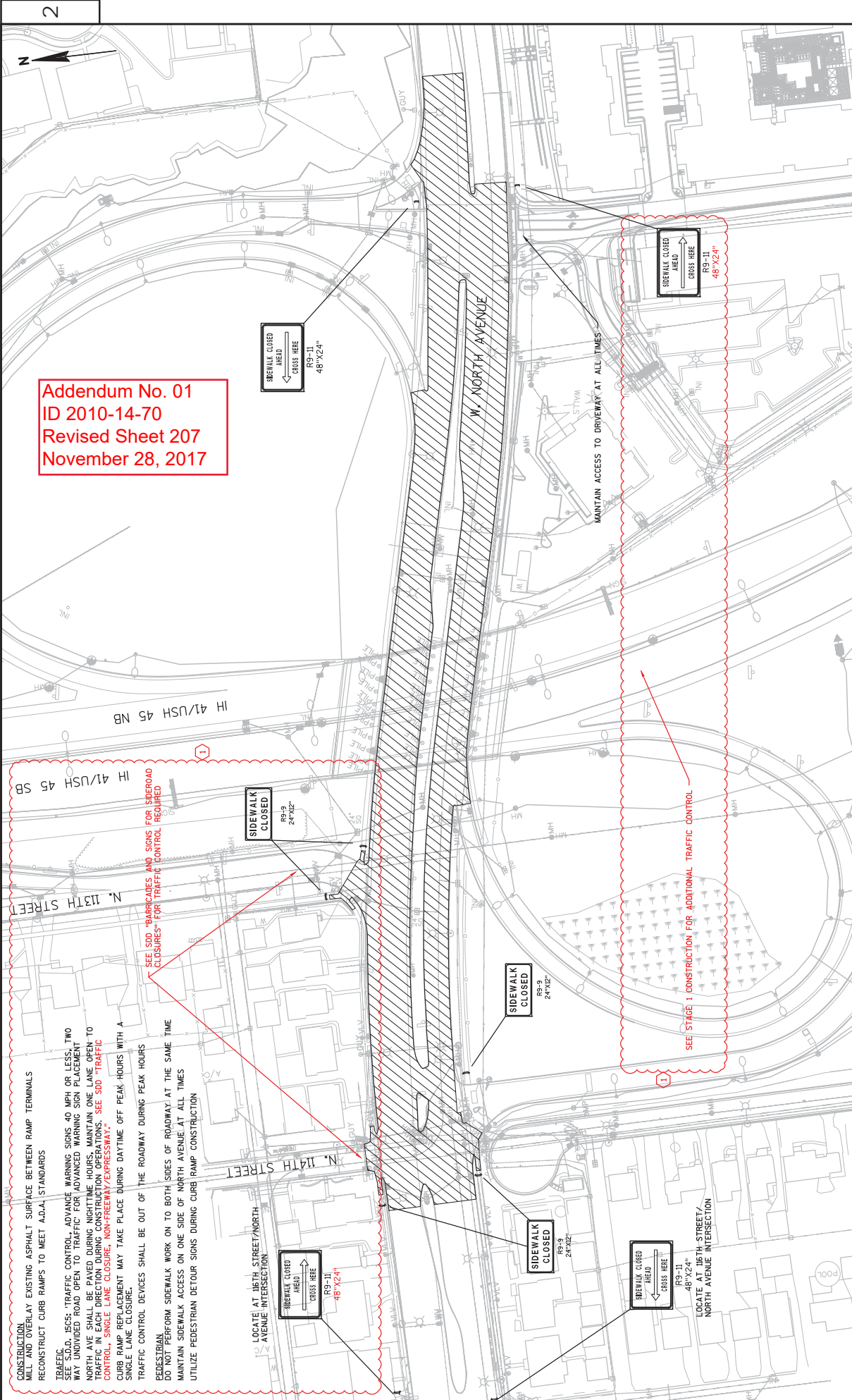
CURVE DATA														
CURVE NO.	PI STATION	PI OFFSET	PI EASTING	PI NORTHING	DELTA	D	T	L	E	R	PC STATION	PC OFFSET	PT STATION	PT OFFSET
CURVE 1	85+51.41ML	30.83'	57044.35	305178.02	37°23'46"	37043.33'	630.46	125.84	103.80	1862.83	79+51.59ML	24.45'	91+41.43ML	22.23'

PROJECT NO: 2010-14-70  
 COUNTY: MILWAUKEE  
 HWY: IH 41  
 STAGE 1 CONSTRUCTION  
 SHEET 199  
 PLOT DATE: 11/14/2017 4:50 PM  
 PLOT BY: SCHARLAU, DAVID A  
 PLOT NAME:  
 PLOT SCALE: 1 IN:100 FT  
 WSDOT/CADD SHEET 42

Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 200  
 November 28, 2017



CURVE DATA		CURVE DATA												
CURVE NO.	PI STATION	PI OFFSET	PI EASTING	PI NORTHING	DELTA	D	L	E	R	PC STATION	PO OFFSET	PT STATION	PT OFFSET	
CURVE 1	85+51.49ML	130.83'	510494.35	505176.02	37°23'46"	3704'33"	630.46	125.84	103.80	1862.83	79+51.59ML	24.45' RT	91+14.91ML	22.23' RT



Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 207  
 November 28, 2017

CONSTRUCTION EXISTING ASPHALT SURFACE BETWEEN RAMP TERMINALS  
 MILL AND OVERLAY SURFACE TO MEET ADA-1 STANDARDS  
 TRAFFIC CONTROL ADVANCE WARNING SIGNS 40 MPH OR LESS, TWO  
 SEE SDD, AND ONE (1) TRAFFIC CONTROL ADVANCE WARNING SIGN PLACED IN  
 NORTH DIRECTION SHALL BE PLACED DURING NIGHTTIME HOURS. MAINTAIN ONE LANE OPEN TO  
 TRAFFIC IN EACH DIRECTION DURING CONSTRUCTION OPERATIONS. SEE SDD "TRAFFIC  
 CONTROL - SINGLE LANE CLOSURE, NON-FREEMANWAY/EXPRESSWAY."  
 CURB RAMP REPLACEMENT MAY TAKE PLACE DURING DAYTIME OFF PEAK HOURS WITH A  
 SINGLE LANE CLOSURE.  
 TRAFFIC CONTROL DEVICES SHALL BE OUT OF THE ROADWAY DURING PEAK HOURS  
 PEDESTRIAN DO NOT PERFORM SIDEWALK WORK ON TO BOTH SIDES OF ROADWAY AT THE SAME TIME  
 MAINTAIN SIDEWALK ACCESS ON ONE SIDE OF NORTH AVENUE AT ALL TIMES  
 UTILIZE PEDESTRIAN DETOUR SIGNS DURING CURB RAMP CONSTRUCTION

LOCATE AT 14TH STREET/NORTH  
 AVENUE INTERSECTION  
 SIDEWALK CLOSED  
 AHEAD  
 CROSS HERE  
 R9-11  
 48"X24"

SIDEWALK  
 CLOSED  
 R9-9  
 24"X24"

SIDEWALK  
 CLOSED  
 R9-9  
 24"X24"

LOCATE AT 13TH STREET/  
 NORTH AVENUE INTERSECTION  
 SIDEWALK CLOSED  
 AHEAD  
 CROSS HERE  
 R9-11  
 48"X24"

SIDEWALK CLOSED  
 AHEAD  
 CROSS HERE  
 R9-11  
 48"X24"

MAINTAIN ACCESS TO DRIVEWAY AT ALL TIMES

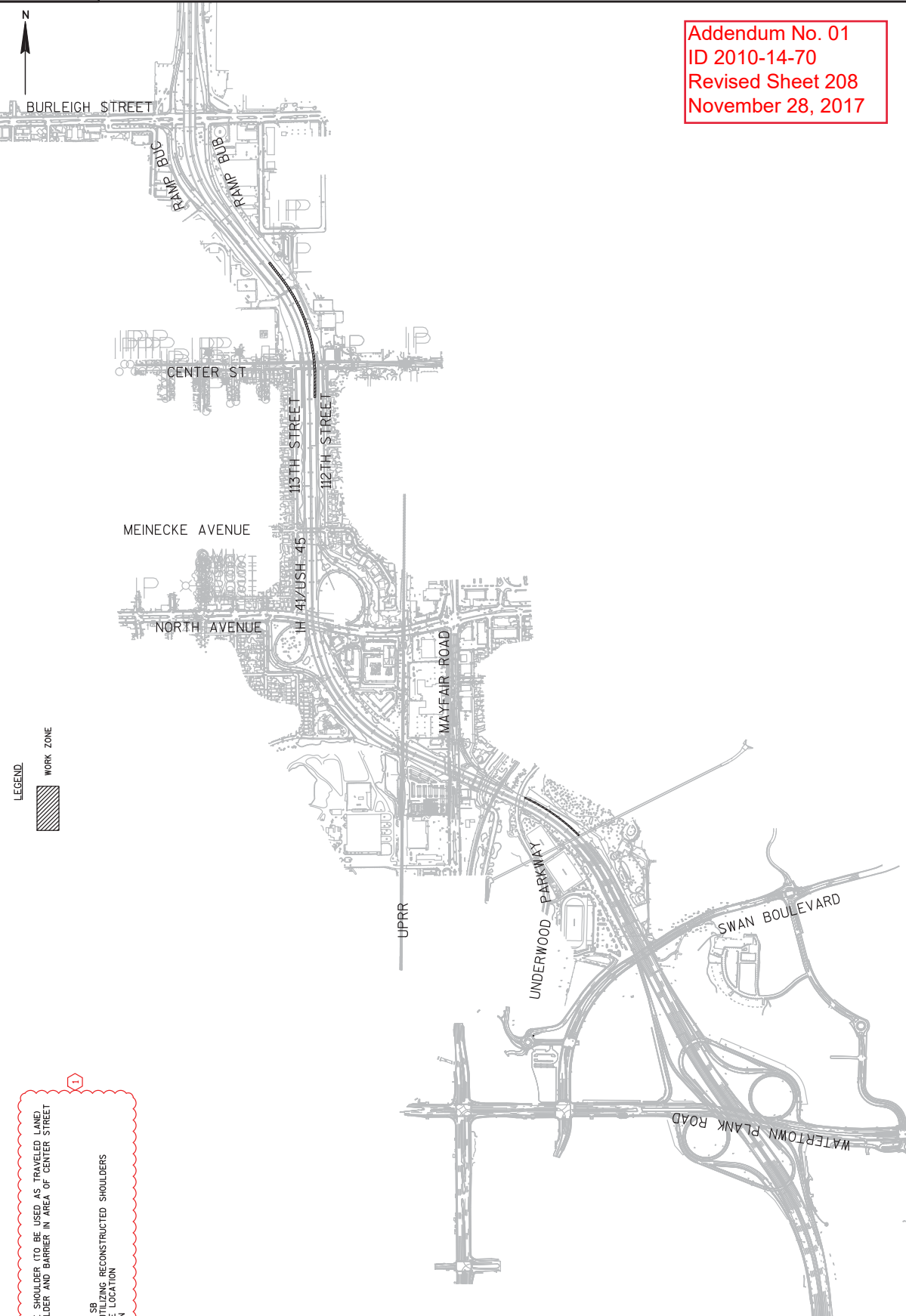
SEE STAGE 1 CONSTRUCTION FOR ADDITIONAL TRAFFIC CONTROL



2

2

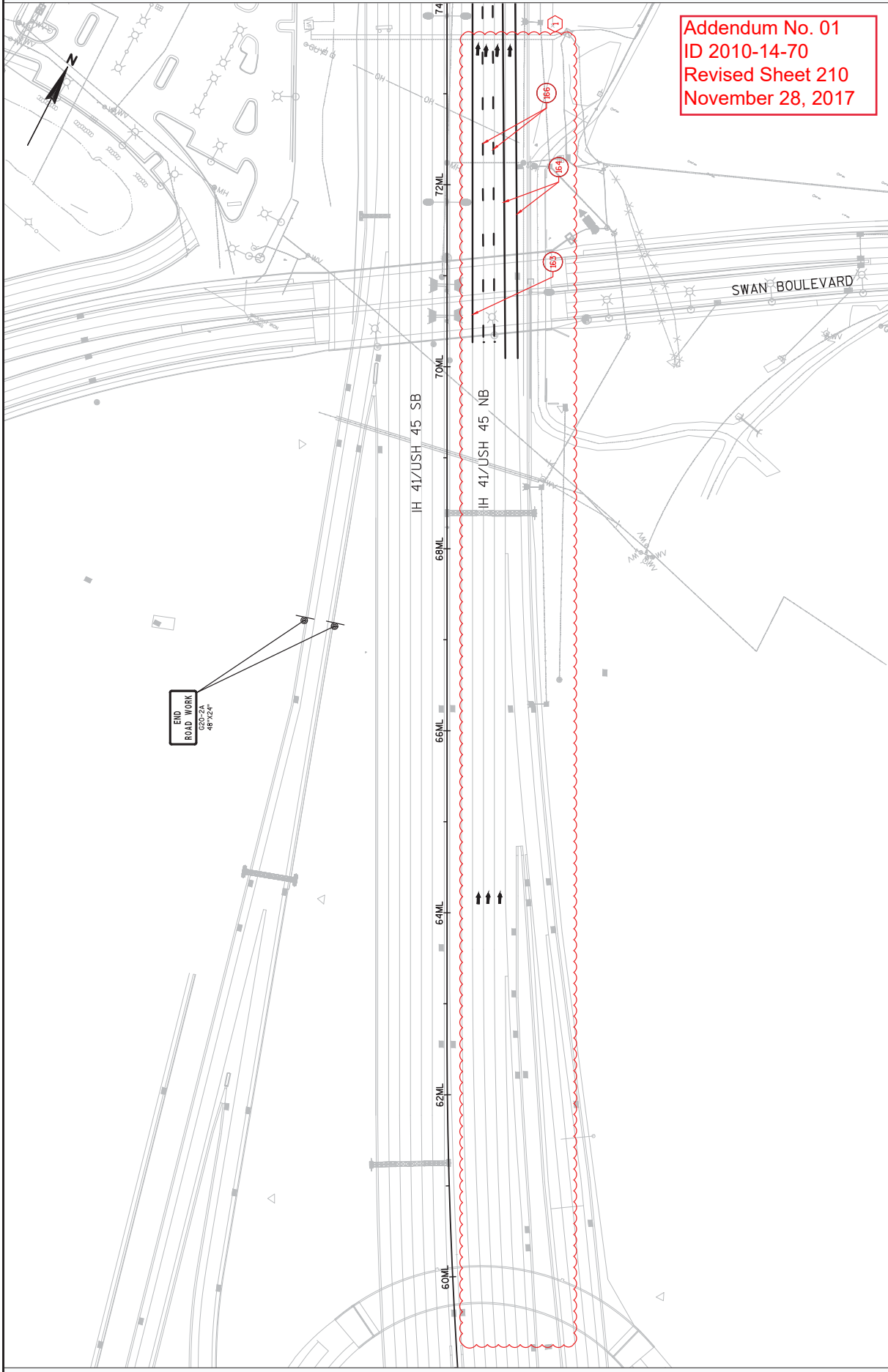




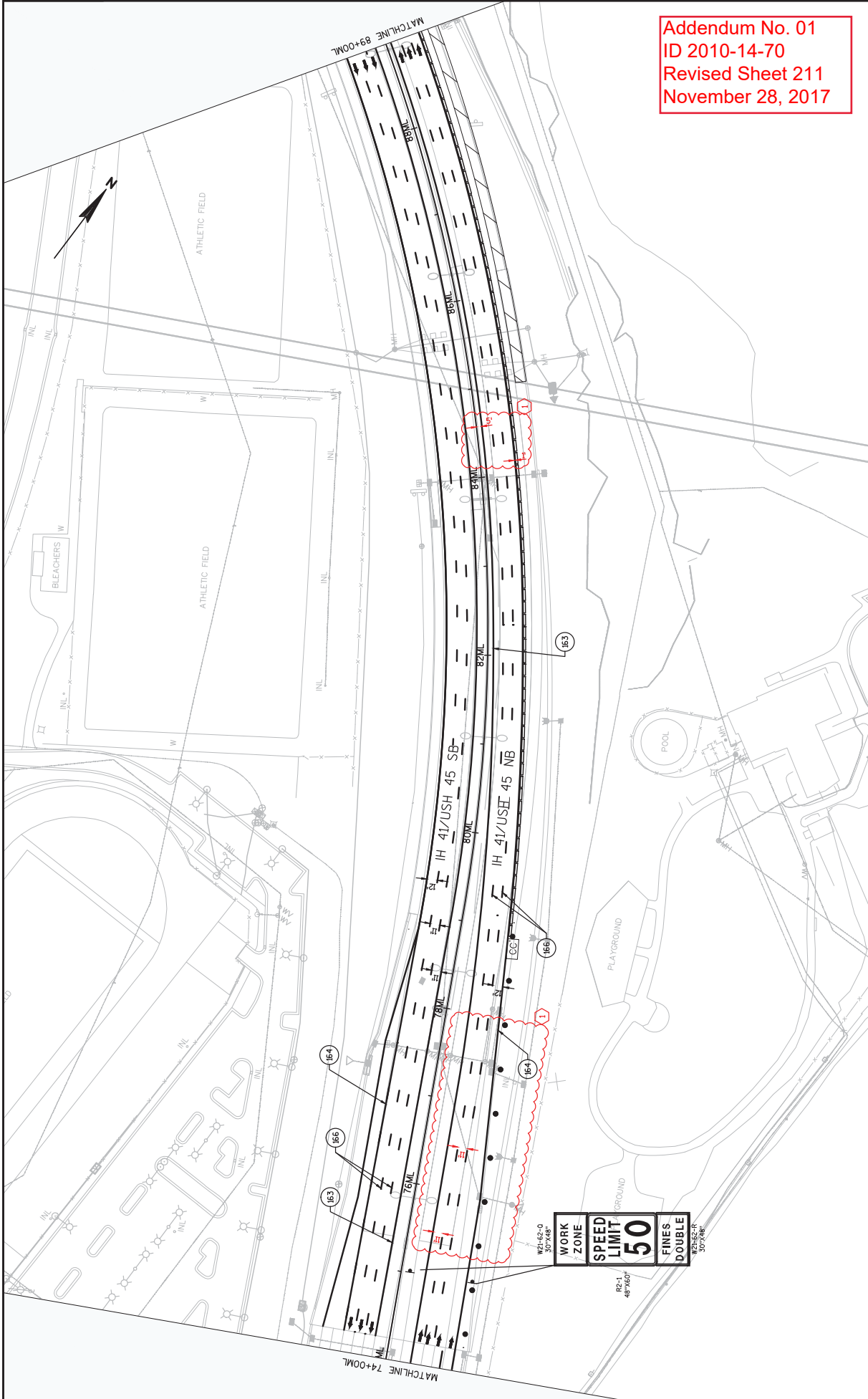
Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 208  
 November 28, 2017

STAGE 2A

- CONSTRUCTION
  - RECONSTRUCTION OF NB OUTSIDE SHOULDER (TO BE USED AS TRAVELED LANE) AND ADDITION OF OUTSIDE SHOULDER AND BARRIER IN AREA OF CENTER STREET
  - BRIDGE REHAB
  - CONSTRUCT S-40-871/872/873
- TRAFFIC:
- 3 LANES MAINTAINED FOR NB & SB
  - NB TRAFFIC MOVED TO INSIDE, UTILIZING RECONSTRUCTED SHOULDERS
  - ALL TRAFFIC TO BE DIVERTED TO SWAN BOULEVARD
  - ALL NORTH AVENUE RAMP'S OPEN

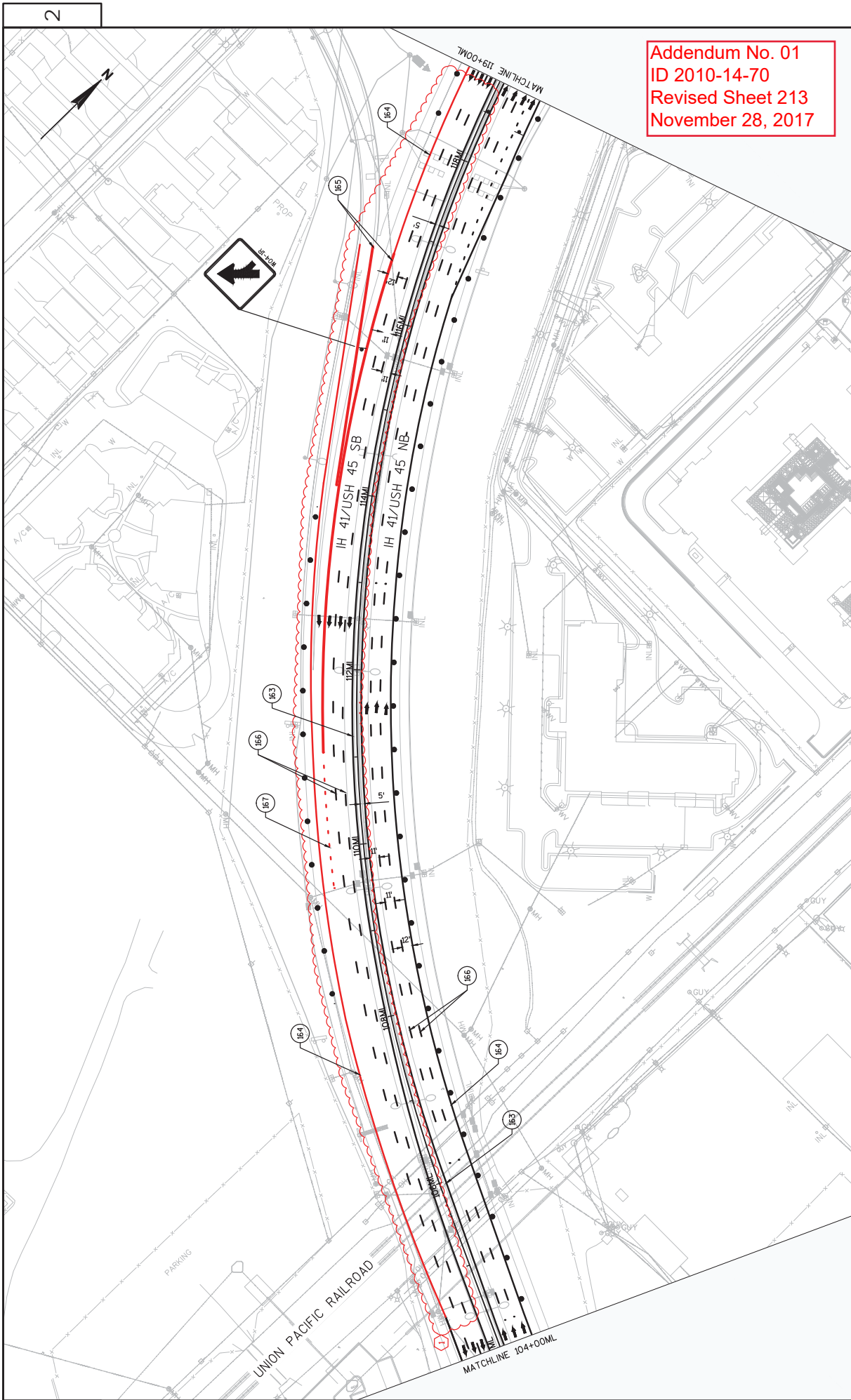


Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 210  
 November 28, 2017



Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 211  
 November 28, 2017

WORK ZONE  
 SPEED LIMIT 50  
 FINES DOUBLE

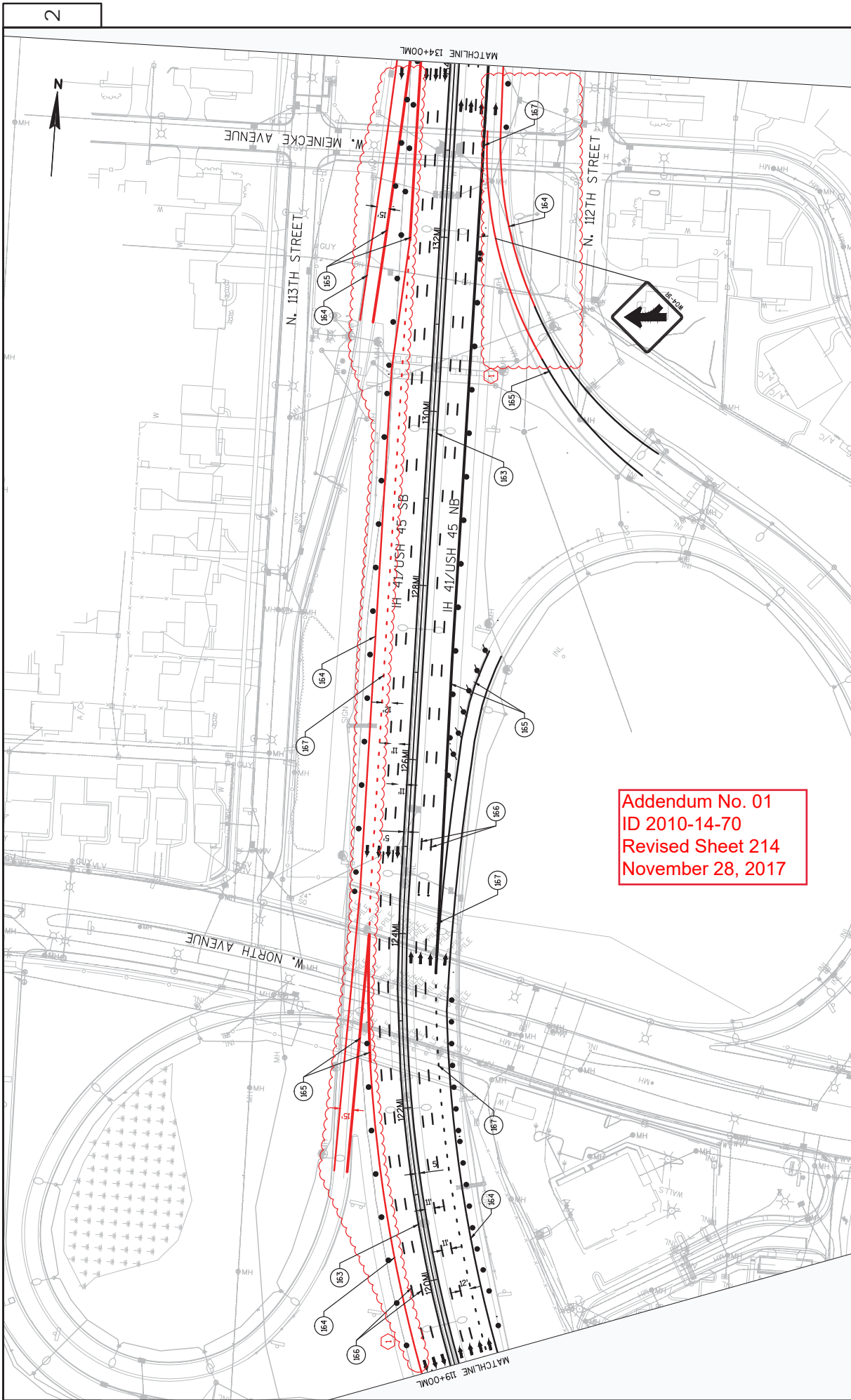


Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 213  
 November 28, 2017

2

2

PROJECT NO: 2010-14-70 FILE NAME : W:\NPS\C3D\1060331670\N\SHEETS\PLAN\026202_S2A.DWG LAYOUT NAME - 09	HWY: IH 41	COUNTY: MILWAUKEE	STAGE 2A CONSTRUCTION PLOT DATE : 11/14/2017 4:12 PM PLOT BY : SCHARLAI, DAVID A	SHEET 213 WSDOT/CADD SHEET 42	E
--	------------	-------------------	--	----------------------------------	---



Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 214  
 November 28, 2017

2

2

PROJECT NO: 2010-14-70

HWY: IH 41

COUNTY: MILWAUKEE

STAGE 2A CONSTRUCTION

SHEET 214

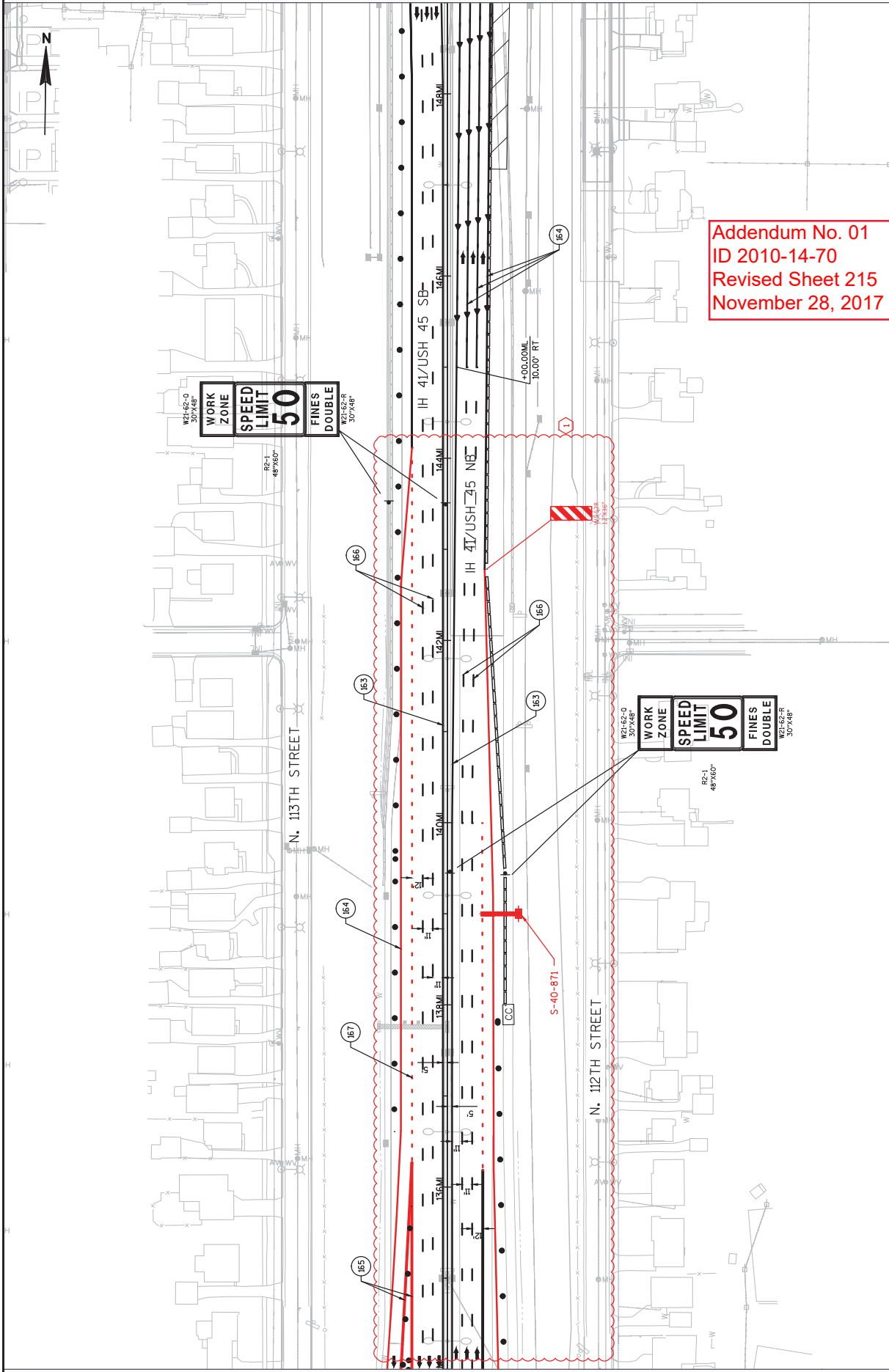
E

FILE NAME : W:\POS\C3D\1060331670\SHETS\PLAN\026202\_S2A.DWG  
 LAYOUT NAME - 10

PLOT DATE : 11/14/2017 4:21 PM

PLOT BY : SCHARLAI, DAVID A

PLOT NAME :  
 PLOT SCALE : 1 IN=100 FT  
 WSDOT/CADD SHEET 42



MATCHLINE 149+00ML

MATCHLINE 134+00ML

PROJECT NO: 2010-14-70

HWY: IH 41

COUNTY: MILWAUKEE

STAGE 2A CONSTRUCTION

SHEET 215

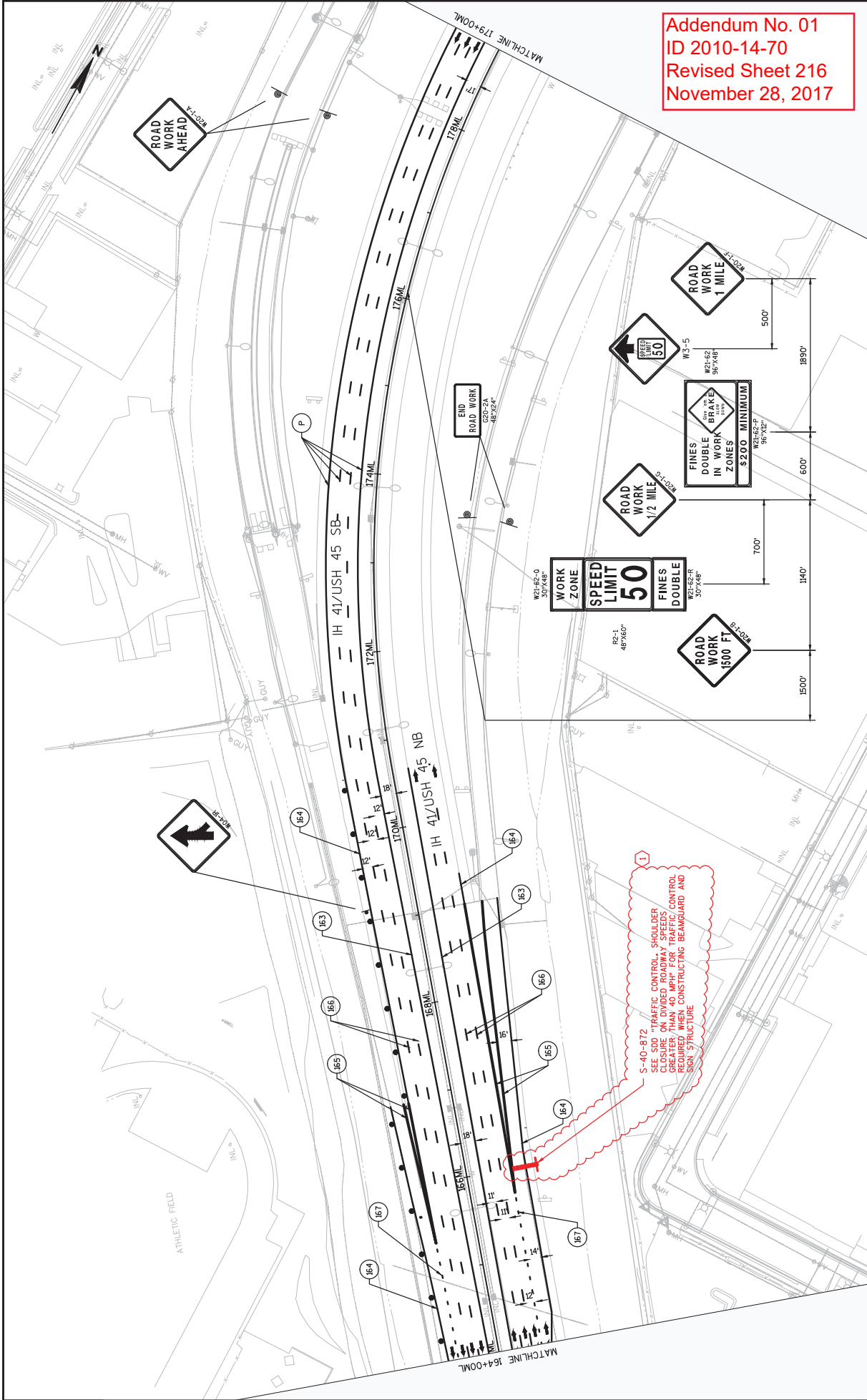
E

FILE NAME : W:\NPS\C3D\1060331670\WORKSHEETS\PLAN\026202\_S2A.DWG  
LAYOUT NAME - 11

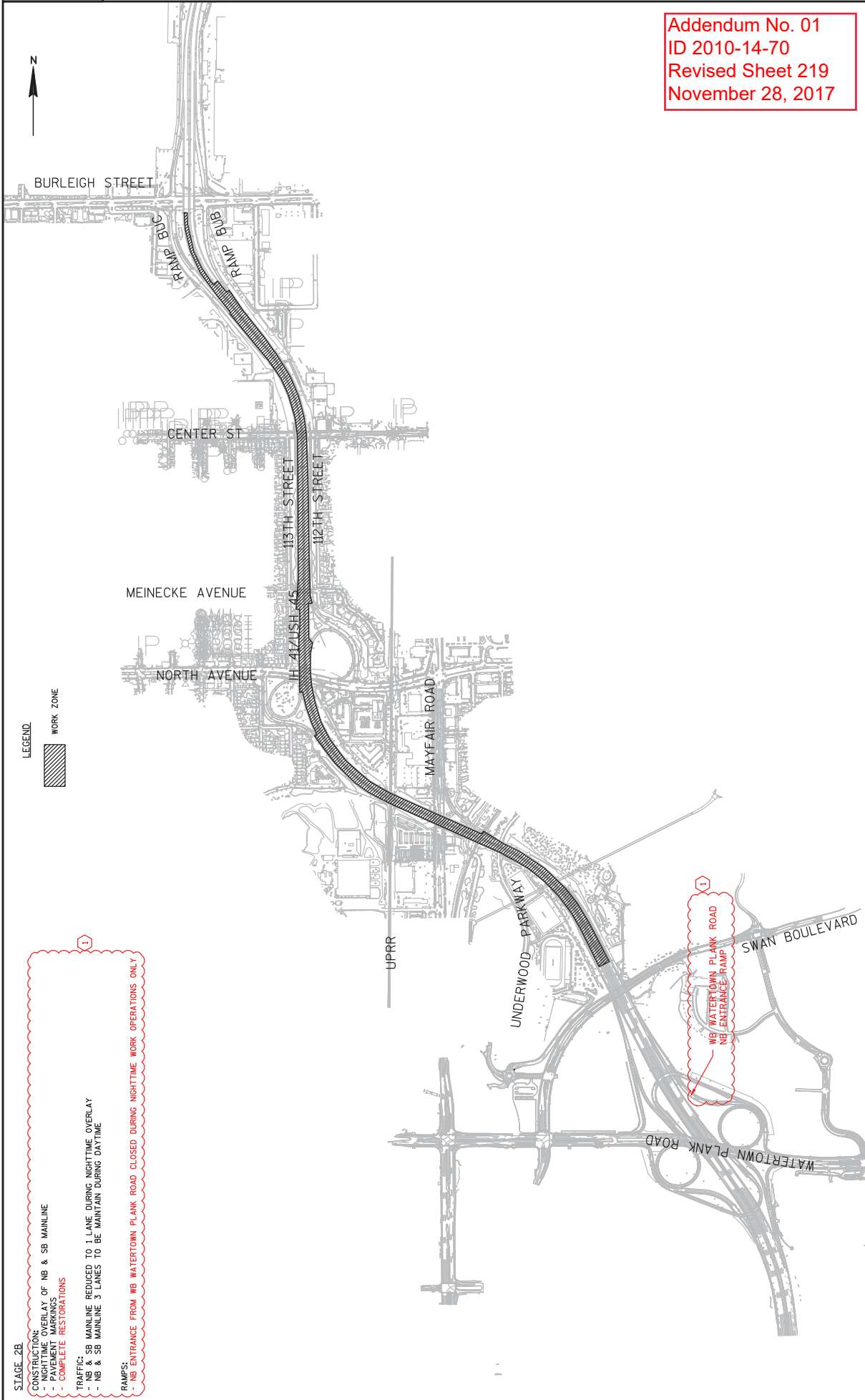
PLOT DATE : 11/14/2017 4:13 PM  
PLOT BY : SCHARLAI, DAVID A  
PLOT NAME :

WISDOT/CADD SHEET 42  
PLOT SCALE : 1 IN=100 FT

Addendum No. 01  
ID 2010-14-70  
Revised Sheet 215  
November 28, 2017



Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 216  
 November 28, 2017



LEGEND



WORK ZONE

STAGE 2B

- CONSTRUCTION OVERLAY OF NB & SB MAINLINE
- NIGHTTIME OVERLAY OF NB & SB MAINLINE
- PAVEMENT MARKINGS
- COMPLETE RESTORATIONS

- TRAFFIC:
  - NB & SB MAINLINE REDUCED TO 1 LANE DURING NIGHTTIME OVERLAY
  - NB & SB MAINLINE 3 LANES TO BE MAINTAIN DURING DAYTIME

RAMPS: NB ENTRANCE FROM WB WATERTOWN PLANK ROAD CLOSED DURING NIGHTTIME WORK OPERATIONS ONLY

Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 219  
 November 28, 2017

PROJECT NO: 2010-14-70	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2B OVERVIEW	SHEET 219	E
FILE NAME : W:\NPOS\C3D\10603316\70\NSHEETS\PLAN\026203_52B.DWG					
PLOT DATE : 11/14/2017 4:28 PM					
PLOT BY : SCHARLAU, DAVID A					
PLOT NAME :					
PLOT SCALE : 1 IN=1000 FT					
WISDOT/CADD SHEET 42					



TEMPORARY CONCRETE BARRIER ITEMS

CATEGORY	STAGE	LOCATION	STATION	TO	STATION	OFFSET	CONCRETE BARRIER			REMOVING CONCRETE BARRIER			CONCRETE BARRIER			MAINTAIN CONCRETE BARRIER			MAINTAIN AND REMOVE CONCRETE BARRIER		
							LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
1000	1	<b>MAINLINE</b> IH41/USH45 NB	74ML+24	-	86ML+38	3' RT	--	--	--	--	--	1,214	--	--	--	--	--	--	--	--	--
			148ML+50	-	151ML+00	5' RT	50	--	50	--	250	--	--	87.5	--	--	--	--	--	--	--
			151ML+00	-	152ML+85	3' RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			158ML+00	-	159ML+45	3' RT	--	--	--	--	--	145	--	--	--	--	--	--	--	--	--
		<b>IH41/USH45 SB</b>	74ML+24	-	83ML+64	3' LT	--	--	--	--	--	940	--	--	--	--	--	--	--	--	--
			149ML+55	-	151ML+85	3' LT	--	--	--	--	--	195	--	--	--	--	--	--	--	--	37.5
			158ML+00	-	159ML+45	3' LT	--	150	--	--	--	--	--	--	--	--	--	--	--	--	--
		<b>SUBTOTAL</b>					50	150	50	2,744	125										
1000	2	<b>MAINLINE</b> IH41/USH45 NB	74ML+24	-	85ML+00	60' RT	--	--	--	--	1,076	--	--	--	--	--	--	--	--	--	--
			85ML+00	-	86ML+24	60' RT	125	--	125	--	125	--	--	125	--	--	--	--	--	--	125
			86ML+24	-	91ML+41	60' RT	525	--	525	--	478	--	--	478	--	--	--	--	--	--	150
			142ML+40	-	147ML+17	60' RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	550
			147ML+17	-	148ML+68	60' RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			154ML+98	-	160ML+50	60' RT	400	--	400	--	--	--	--	--	--	--	--	--	--	--	--
			162ML+38	-	166ML+43	70' RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		<b>IH41/USH45 SB</b>	74ML+24	-	77ML+24	70' LT	--	--	--	--	300	--	--	300	--	--	--	--	--	--	--
			145ML+50	-	150ML+50	60' LT	--	--	--	--	500	--	--	500	--	--	--	--	--	--	--
			152ML+70	-	170ML+70	60' LT	--	--	--	--	1,800	--	--	1,800	--	--	--	--	--	--	--
		<b>SUBTOTAL</b>					1,050	--	1,050	4,154	825										
		<b>UNDISTRIBUTED</b>					50	--	50	175	25										
		<b>TOTAL</b>					1,150	150	1,150	7,073	875										

1

\* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

Addendum No. 01  
ID 2010-14-70  
Revised Sheet 254  
November 28, 2017

TEMPORARY GUIDE SIGNING

CATEGORY	STAGE	LOCATION	SIGN NO.	SIGN W X H FT X FT	SIGN SIZE W X H FT X FT	POSTS WOOD 4X6-INCH X 24-FT EACH	634.0620 634.0624 POSTS WOOD 4X6-INCH X 24-FT EACH	637.2230* SIGNS TYPE II REFLECTIVE/EF SF	638.2101* MOVING COVERING SIGNS TYPE I EACH	643.0910 TRAFFIC CONTROL SIGNS TYPE I EACH	NOTES					
											NOTES					
1000	1	H 41/USH 45	100TC	-	-	--	--	--	--	1						
		H 41/USH 45	101TC	-	-	1	1		1	--						
		H 41/USH 45	102TC													
		H 41/USH 45	G20-60	9.0 x 2.0		--		18.00	--	--	CLOSED					
		H 41/USH 45	103TC			--			--	--	CLOSED					
		H 41/USH 45	G20-62	4.0 x 2.0		--		8.00	--	--	CLOSED					
		H 41/USH 45	104TC			--			--	--	CLOSED					
		H 41/USH 45	G20-60	9.0 x 2.0		--		18.00	--	--	CLOSED					
SUBTOTAL											1	1	44.00			
UNDISTRIBUTED											--	--	0.00			
TOTALS											1	1	44.00	4	6	1

\*ADDITIONAL QUANTITIES FOUND ELSEWHERE

Addendum No. 01  
 ID 2010-14-70  
 Revised Sheet 266  
 November 28, 2017

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	STAGE	LOCATION	SIGN NO.	NUMBER REQUIRED	SIGN SIZE W X H FT X FT	643.1000 TRAFFIC CONTROL SIGNS TYPE I EACH	637.2230* SIGNS TYPE II REFLECTIVE/EF SF	SIGN MESSAGE
1,000	1	IH41/USH45		1	10.5 X 4.5	47		NORTH AVER MFS CLOSED USE EXIT 43
		VARIOUS		14	2.5 X 2.0	70		NORTH AVE
		TRUCKS ENTERING/EXITING SIGNS		8	6 X 6'	288		
		EMERGENCY ACCESS SIGNS		8	2 X 3.75'	60		
		UNDISTRIBUTED				50		
TOTALS								515



Proposal Schedule of Items

Proposal ID: 20171212011 Project(s): 2010-14-70

Federal ID(s): WISC 2018008

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.9090.S Removing (item description) 0001. Concrete Barrier Precast	150.000 LF	_____.	_____.
0034	204.9180.S Removing (item description) 0001. Rumble Strips	54.000 SY	_____.	_____.
0036	205.0100 Excavation Common	7,422.000 CY	_____.	_____.
0038	213.0100 Finishing Roadway (project) 01. 2010- 14-70	1.000 EACH	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	2,737.000 TON	_____.	_____.
0042	390.0403 Base Patching Concrete Shes	3,813.000 SY	_____.	_____.
0044	415.0090 Concrete Pavement 9-Inch	10,115.000 SY	_____.	_____.
0046	416.0610 Drilled Tie Bars	8,020.000 EACH	_____.	_____.
0048	416.0620 Drilled Dowel Bars	7,648.000 EACH	_____.	_____.
0050	440.4410 Incentive IRI Ride	29,040.000 DOL	1.00000	29,040.00
0052	455.0605 Tack Coat **P**	9,067.000 GAL	_____.	_____.
0054	460.2000 Incentive Density HMA Pavement	10,982.000 DOL	1.00000	10,982.00
0056	460.5224 HMA Pavement 4 LT 58-28 S	1,146.000 TON	_____.	_____.
0058	460.7423 HMA Pavement 3 HT 58-28 H	6,362.000 TON	_____.	_____.
0060	460.7424 HMA Pavement 4 HT 58-28 H	9,651.000 TON	_____.	_____.
0062	509.0301 Preparation Decks Type 1	440.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20171212011 Project(s): 2010-14-70

Federal ID(s): WISC 2018008

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	509.0302 Preparation Decks Type 2	180.000 SY	_____.	_____.
0066	509.1500 Concrete Surface Repair	1,080.000 SF	_____.	_____.
0068	509.2000 Full-Depth Deck Repair	3.000 SY	_____.	_____.
0070	520.8000 Concrete Collars for Pipe	28.000 EACH	_____.	_____.
0072	601.0409 Concrete Curb & Gutter 30-Inch Type A	69.000 LF	_____.	_____.
0074	601.0600 Concrete Curb Pedestrian	15.000 LF	_____.	_____.
0076	602.0410 Concrete Sidewalk 5-Inch	640.000 SF	_____.	_____.
0078	602.0515 Curb Ramp Detectable Warning Field Natural Patina	50.000 SF	_____.	_____.
0080	603.0105 Concrete Barrier Single-Faced 32-Inch	3,091.000 LF	_____.	_____.
0082	603.1132 Concrete Barrier Type S32	1,231.000 LF	_____.	_____.
0084	603.1142 Concrete Barrier Type S42	1,521.000 LF	_____.	_____.
0086	603.8000 Concrete Barrier Temporary Precast Delivered	20,663.000 LF	_____.	_____.
0088	603.8125 Concrete Barrier Temporary Precast Installed	22,528.000 LF	_____.	_____.
0090	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	2,703.000 LF	_____.	_____.
0092	611.0420 Reconstructing Manholes	2.000 EACH	_____.	_____.
0094	611.0430 Reconstructing Inlets	14.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20171212011 Project(s): 2010-14-70

Federal ID(s): WISC 2018008

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0164	635.0300 Sign Supports Replacing Base Connection Bolts	2.000 EACH	_____.	_____.
0166	636.0100 Sign Supports Concrete Masonry	57.700 CY	_____.	_____.
0168	636.0500 Sign Supports Steel Reinforcement	1,272.000 LB	_____.	_____.
0170	636.1500 Sign Supports Steel Coated Reinforcement HS	4,855.000 LB	_____.	_____.
0172	637.1220 Signs Type I Reflective SH	3,185.500 SF	_____.	_____.
0174	637.1230 Signs Type I Reflective F	45.000 SF	_____.	_____.
0176	637.2210 Signs Type II Reflective H	1,922.875 SF	_____.	_____.
0178	637.2215 Signs Type II Reflective H Folding	82.380 SF	_____.	_____.
0180	637.2230 Signs Type II Reflective F	804.750 SF	_____.	_____.
0182	638.2101 Moving Signs Type I	10.000 EACH	_____.	_____.
0184	638.2102 Moving Signs Type II	3.000 EACH	_____.	_____.
0186	638.2601 Removing Signs Type I	16.000 EACH	_____.	_____.
0188	638.2602 Removing Signs Type II	138.000 EACH	_____.	_____.
0190	638.3000 Removing Small Sign Supports	104.000 EACH	_____.	_____.
0192	638.3100 Removing Structural Steel Sign Supports	27.000 EACH	_____.	_____.
0194	638.3215 Revising Signs Type I Non-Removeable	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20171212011 Project(s): 2010-14-70

Federal ID(s): WISC 2018008

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0346	SPV.0060 Special 1005. Luminaires Utility HPS 1000 Watts Floodlight	21.000 EACH	_____.	_____.
0348	SPV.0060 Special 1006. Concrete Bases Type B	10.000 EACH	_____.	_____.
0350	SPV.0060 Special 2001. Salvage Solar Powered HAR Sign Flasher Assembly	1.000 EACH	_____.	_____.
0352	SPV.0060 Special 2002. Install Salvaged Solar Powered HAR Sign Flasher Assembly	1.000 EACH	_____.	_____.
0354	SPV.0060 Special 2003. Refocusing Vehicle Detector Assembly	20.000 EACH	_____.	_____.
0356	SPV.0060 Special 4010. Embedded Galvanic Anodes	630.000 EACH	_____.	_____.
0358	SPV.0060 Special 4020. Clean Inlets and Downspouts	16.000 EACH	_____.	_____.
0360	SPV.0060 Special 6001. Sign Support Special Mounting	20.000 EACH	_____.	_____.
0362	SPV.0060 Special 8001. Remove and Cap Existing Drainage SS Structure	14.000 EACH	_____.	_____.
0364	SPV.0075 Special 0001. Pavement Cleanup Project ID 2010-14-70	50.000 HRS	_____.	_____.
0366	SPV.0075 Special 4500. Obstructions Sign Supports Concrete Masonry	3.000 HRS	_____.	_____.
0368	SPV.0090 Special 0002. Concrete Barrier Temporary Precast Delivered Special	1,150.000 LF	_____.	_____.
0370	SPV.0090 Special 0003. Maintain Concrete Barrier Temporary Precast	7,073.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20171212011 Project(s): 2010-14-70

Federal ID(s): WISC 2018008

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0372	SPV.0090 Special 0004. Maintain and Remove Concrete Barrier Temporary Precast	975.000 LF	_____.	_____.
0374	SPV.0090 Special 1001. Cable Aerial Aluminum 6 AWG Quadruplex	570.000 LF	_____.	_____.
0376	SPV.0090 Special 1002. Cable Aerial Aluminum 6 AWG Triplex	3,310.000 LF	_____.	_____.
0378	SPV.0090 Special 1003. Cable Aerial Aluminum 4 AWG Quadruplex	1,000.000 LF	_____.	_____.
0380	SPV.0090 Special 2001. Multicell Conduit and Cable Adjustment	20.000 LF	_____.	_____.
0382	SPV.0090 Special 4010. Expansion Joint Seal System	342.000 LF	_____.	_____.
0384	SPV.0090 Special 4020. Roadway Joint Sliding Plate Sealant	60.000 LF	_____.	_____.
0386	SPV.0090 Special 4030. Sawing Pavement Deck Preparation Areas	1,500.000 LF	_____.	_____.
0388	SPV.0105 Special 0001. Survey Project ID 2010-14-70	LS	LUMP SUM	_____.
0390	SPV.0105 Special 1001. Maintenance of Lighting Systems	LS	LUMP SUM	_____.
0392	SPV.0105 Special 4010. Sidewalk Joint Sliding Plate Repair	LS	LUMP SUM	_____.
0394	SPV.0105 Special 4020. Pedestrian Screening Repair	LS	LUMP SUM	_____.
0396	SPV.0105 Special 6001. RRFB System Right Advanced SB exit ramp to North Ave	LS	LUMP SUM	_____.

