



Wisconsin Department of Transportation

December 5, 2024

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

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NOTICE TO ALL CONTRACTORS:

Proposal #14: 1130-64-71, WISC 2025135
Appleton – De Pere
I-41 Mainline, STH 96 – RR Bridge
IH 041
Outagamie County

1130-64-72, WISC 2025136
Appleton – De Pere
I-41 Mainline, RR Bridge – Lynndale
IH 041
Outagamie County

1130-64-71, WISC 2025137
Appleton – De Pere
Railroad Structures
IH 041
Outagamie County

Letting of December 10, 2024

This is Addendum No. 03, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
1.4	Work by Others
2.1	Prosecution and Progress
4.5	Traffic
10.7	Concrete Pavement 10 1/2-Inch Special, Item SPV.0180.0100

Added Special Provisions	
Article No.	Description
13.27	Structure Lids, Item SPV.0060.0275
18.20	Connected Work Zone Start and End Location Markers, Item SPV.0045.0300
18.21	Connected Arrow Boards, Item SPV.0045.0305
18.22	Fence Temporary, Item SPV.0090.0155

Deleted Special Provisions	
Article No.	Description
9.1	Notice to Contractor, Salvaged Topsoil

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
204.0170	Removing Fence	LF	25,680	-2,600	23,080
204.0210	Removing Manholes	Each	1	1	2
205.0100	Excavation Common	CY	251,951	3,800	255,751
415.0095	Concrete Pavement 9 1/2-Inch	SY	1,230	20	1,250
505.0400	Bar Steel Reinforcement HS Structures	LB	497,894	5,712	503,606
505.0600	Bar Steel Reinforcement HS Coated Structures	LB	621,730	21,740	643,470
506.2605	Bearing Pads Elastomeric Non-Laminated	Each	48	16	64
506.4000	Steel Diaphragms (structure) 0803. B-44-339	Each	37	-9	28
513.2001	Railing Pipe	LF	1,517	1	1,518
516.0500	Rubberized Membrane Waterproofing	SY	670	-321	349
611.2007	Manholes 7-FT Diameter	Each	16	1	17
611.8120.S	Cover Plates Temporary	Each	234	2	236
SPV.0035.0100	Roadway Embankment	CY	127,000	1,100	128,100
SPV.0060.0215	Reconnect Storm Sewer	Each	130	1	131
SPV.0060.0240	Sealing Storm Structure	Each	19	-1	18

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
550.2126	Piling CIP Concrete 12 3/4 x 0.375-Inch	LF	0	15,081	15,081
603.3255	Concrete Barrier Transition Type F42SF to S42	Each	0	1	1
SPV.0045.0300	Connected Work Zone Start and End Location Markers	Day	0	1,340	1,340
SPV.0045.0305	Connected Arrow Boards	Day	0	1,340	1,340
SPV.0060.0275	Structure Lids	Each	0	28	28
SPV.0090.0155	Fence Temporary	LF	0	2,755	2,755

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
550.2106	Piling CIP Concrete 10 3/4 x 0.365-Inch	LF	15,081	-15,081	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
36	Typical Finished Sections: Updated location of concrete barrier.
51	Construction Details: Added note indicating dowel bars not required beneath concrete barrier.
67	Construction Details: Updated dimensions.
75	Construction Detail-Ground Improvement Detail: Added note identifying cutoff elevation.
76	Construction Details-Rigid Inclusion Cap Details: Removed note making reinforcement incidental to cap
92	Construction Detail-Drainage: Removed note for monolithic shimming.
97	Construction Detail-Drainage: Added detail and notes for monolithic shimming.
100-101	Construction Details-Drainage: Updated heading of table.
145-146	Removal Plan-Stage 2-Mainline: Updated location of fence removal.
191	Plan Details-IH 41 Mainline: Updated location of Concrete Barrier Type S56A.
257-258	Plan Details-Lynndale Drive: Updated location of barrier wall and added a concrete barrier transition.
443	Storm Sewer Plan and Profile IH 41-Mainlie Temporary Drainage Stage 1: Update fence location
445	Storm Sewer Plan and Profile IH 41-Mainlie Temporary Drainage Stage 1: Added pipe dimensions in profile view
451	Storm Sewer Plan and Profile IH 41-Mainlie Temporary Drainage Stage 2: Changed 6540-S2 to 6540T-S2. A temporary structure is required during this stage.
548-549	Traffic Control-Stage 1A: Added installation of Fence Temporary.
829	Miscellaneous Quantities: Adjusted quantity for Cover Plates and added bid item for Adjusting Manhole Covers.
857	Miscellaneous Quantities: Updated quantities for removing fence.
862	Miscellaneous Quantities: Updated earthwork volumes for different roadways.
866	Miscellaneous Quantities: Adjusted quantity for Concrete Pavement 9 1/2-Inch bid item.
873-874	Miscellaneous Quantities: Added quantity for concrete barrier transition.
899	Miscellaneous Quantities: Added bid item and quantity for Fence Temporary
907	Miscellaneous Quantities: Added quantity for removing manholes.
910-911	Miscellaneous Quantities: Update station/offset of structure.
912-914	Miscellaneous Quantities: Added manhole quantity and notes for structure 6540T-S2.
920	Miscellaneous Quantities: Updated total quantity for Manholes 7-FT Diameter.
924-926	Miscellaneous Quantities: Update table for staged drainage and to include 6540T-S2.
928-930	Miscellaneous Quantities: Moved quantities for 6482-S2 to storm sewer pipes table for Stage 3.
939-940	Miscellaneous Quantities: Added temporary cover plate for 6540T-S2 and adjusted total for 1130-64-72.
941-944	Miscellaneous Quantities: Added notes providing dimensions of existing structures and adjusted the top of structure and rim elevation for several structures. Added bid item for placing concrete covers on drainage structures placed in a previous contract.
945-946	Miscellaneous Quantities: Added quantity for reconnecting storm sewers to include 6540T-S2.

947-948	Miscellaneous Quantities: Removed storm sewer plug quantity during Stage 2 and adjusted the total.
1347	Structure B-44-339, General Notes & Quantities: Revised total estimated quantities for several items.
1387	Structure B-44-0340: Revised total estimated quantity for Rubberized Membrane Waterproofing.
1403	Structure B-44-340, Pier: Updated location of reference line for SB and girder orientation at pier.
1486	Structure R-44-28, Wall Geometry and Design Data: Removed note about using only wall panels with hinged strips.

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
538A	Traffic Control Details: Added detail for using work zone location markers during lane closures.
808A	Miscellaneous Quantities: Added table for connected work zone devices
901A	Miscellaneous Quantities: Added table for connected work zone devices
1057A	Standard Detail Drawing: Added SDD 8D14, Slotted Vane Drain
1649A-B	Earthwork Data: Added end area for Lynndale Drive (CTH A).

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
93	Construction Details-Drainage: The monolithic shimming detail was added to the Double Grate Inlet Section (p. 97 of plan) in this addendum. Additionally, concrete shimming is only required at VV-B Inlet Covers on IH 41.

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. 03
1130-64-71, 1130-64-72 and 1130-64-87
December 5, 2024

Special Provisions

1.4 Work by Others.

Add the following section after the Automatic Traffic Recorder (ATR) section.

The **Appleton Area Metropolitan Fiber Optic Network (AAMFON)** has existing underground communication lines crossing IH 41 at Station 592NB+45, AAMFON will discontinue this line in place under project 1130-64-76 prior to this project. AAMFON will install a new line along the northwest right of way of STH 15 crossing under IH 41 at Station 604SB+50.

AAMFON will connect to Wisconsin Department of Transportation ITS line handhole at Station 604SB+50 left, continuing northerly and easterly to a Wisconsin Department of Transportation ITS handhole at Station 657SB+25 left.

AAMFON will place a new handhole at Station 657SB+25 left, continuing along the north right of way to a new handhole placed at Station 666SB+40 left.

AAMFON has existing overhead communication lines on We Energies poles crossing IH 41 at Station 667SB+00 crossing over the end of proposed box culvert B-44-348. This facility will be discontinued, removed and jointly relocated with We Energies under IH 41 west of existing overhead line out of conflict prior to construction.

2.1 Prosecution and Progress.

*Delete the section titled **Interim Completion and Liquidated Damages – Ramp WND Closure, Stage 2A** and replace with the following:*

Interim Completion and Liquidated Damages – Ramp WND Closure, August 8, 2025

Complete all Stage 2A work required to reopen the SB IH 41 exit ramp to STH 96 (Ramp WND) as shown with Stage 2B traffic control configuration or as approved by the engineer by August 8, 2025.

A contractor designed, engineer approved, temporary traffic signals and lighting systems may be installed to reopen the interchange. Temporary systems installation, maintenance, and removal, mobilization and traffic control costs are incidental to the electrical bid items.

If the contractor fails to complete all Stage 2A work necessary to fully reopen the WND Ramp to traffic by August 8, 2025, the department will assess the contractor \$4,500 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on August 8, 2025. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

4.5 Traffic

*In the **Traffic Operations During Construction** section, under **Stage 4A**, replace the STH 15 section with the following:*

STH 15

- All lanes of STH 15 are open to traffic.
- The IH 41 northbound entrance ramp will utilize the temporary widening along the outside shoulder of IH 41 northbound, merging onto IH 41 to the east of the Lynndale Drive overpass.
- The NLB, NLC and the NLD ramps are open to traffic.

*In the **Traffic Operations During Construction** section, under **Stage 4B**, replace the STH 15 section with the following:*

STH 15

- All lanes of STH 15 are open to traffic.
- Ramp NLA will use the temporary ramp crossover build in the previous stage. Traffic merging onto IH 41 northbound will utilize the new IH 41 northbound pavement and merge onto IH 41 to the west of Lynndale Drive overpass.
- Ramp NLB, NLC and NLD ramps are open to traffic.

9.1 Deleted

10.7 Concrete Pavement 10 1/2-Inch Special, Item SPV.0180.0100.

Delete the sixth paragraph of Section 501.2.7.3.1 and replace with the following:

The department will randomly sample coarse aggregate for lightweight pieces testing at least once per 10,000 cubic yards during placement of concrete pavement.

13.27 Structure Lids, Item SPV.0060.0275.

A Description

This special provision describes installing a concrete lid on a drainage structure placed in a previous contract. Conform to standard spec 611, the plans, as directed by the engineer and as herein provided.

B Materials

Provide a precast reinforced concrete flat slab top for a circular manhole, circular inlet or rectangular inlet. Confirm the lid is compatible with the existing drainage structure and proposed inlet or manhole cover prior to ordering.

C (Vacant)

D Measurement

The department will measure Structure Lids by the unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0275	Structure Lids	EACH

Payment is full compensation for providing, cleaning and installing the structure lid; for excavating and backfilling, and for cleaning out and restoring the site.

18.20 Connected Work Zone Start and End Location Markers, Item SPV.0045.0300.

A Description

This special provision describes providing, repositioning, operating, maintaining, monitoring, and removing a system of connected markers capable of identifying the start and end of a work zone, reporting real-time work zone location information to Wisconsin 511, and for third party vendors.

B Materials

Furnish items from the department's approved products list for Signing and Marking, Work Zone Traffic Control, Connected Work Zone Location Markers: <https://wisconsindot.gov/pages/doing-bus/eng-consultants/cnslt-rsrcs/tools/appr-prod/default.aspx>.

Ensure the work zone location markers and connected arrow board are from the same manufacturer.

C Construction

C.1 General

Follow all requirements in standard spec 643.3.

Place work zone start location marker at the beginning of the work zone per plan or as the engineer directs. Clearly label the work zone start location marker so that it is easily distinguished by field personnel.

Place work zone end location marker at the end of the work zone per plan or as the engineer directs. Clearly label the work zone end location marker so that it is easily distinguished by field personnel.

Ensure the connected work zone start and end location markers operates continuously when deployed on the project. Provide free standing, self-powered work zone start and end location markers per the manufacturer requirements.

Provide a local specialist, to respond to emergency situations within 2 hours of being notified. Equip the specialist with sufficient resources to correct deficiencies in the connected work zone start and end location markers.

C.2 Testing and Configuration

Prior to deployment, test the connected work zone start and end location markers with the engineer to ensure devices are showing in the WZDx Device Feed. Send an email to DOTBTOworkzone@dot.wi.gov to notify BTO that the devices have been turned on.

C.3 Programming

When the work zone start and end location markers are switched to the ON mode, the location markers transmit to the data feed their location and identity as a work zone start and end.

The connected work zone start and end location markers and their remote management software shall provide a public GeoJSON/API feed, updated at least every minute, compliant with FHWA's Work Zone Data Exchange (WZDx) v4.2 (<https://www.transportation.gov/av/data/wzdx>) Device Feed specification.

Switch the work zone start and end location markers to the OFF mode when temporary traffic control is removed, and traffic is restored to two lane operation.

C.4 Reporting

If requested by the engineer, provide real-time status change alerts to a list of designated personnel via text and/or email. Send an alert each time the connected work zone start and end location markers are switched between operating modes (i.e., each time a work zone start/end location marker is switched between ON mode and OFF mode). Include the date and time of the mode switch, and the location (latitude and longitude) of the device at the time of the mode switch in the alert.

D Measurement

The department will measure each system of Connected Work Zone Start and End Location Markers by the day.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0045.0300	Connected Work Zone Start and End Location Markers	DAY

Payment is full compensation for providing, repositioning, operating, maintaining, monitoring, testing, relocating and removing the complete system consisting of connected work zone start and end location markers.

The department will deduct one day for each calendar day the Connected Work Zone Start and End Location Markers is required but out of service for more than 2 hours.

18.21 Connected Arrow Boards, Item SPV.0045.0305.

A Description

This special provision describes providing, repositioning, operating, maintaining, monitoring, and removing connected arrow board(s) capable of reporting real-time work zone lane closure information to Wisconsin 511 and third-party vendors.

B Materials

Furnish items from the department's approved products list for Signing and Marking, Work Zone Traffic Control, Connected Arrow Boards: <https://wisconsindot.gov/pages/doing-bus/eng-consultants/cnslt-rsrcs/tools/appr-prod/default.aspx>.

Ensure the connected arrow board and work zone location markers are from the same manufacturer.

C Construction

C.1 General

Follow all requirements in standard spec 643.3.

Place connected arrow board per plan or as the engineer directs.

Ensure the connected arrow board operates continuously when deployed on the project.

Provide a local specialist to respond to emergency situations within 2 hours of being notified. Equip local specialist with sufficient resources to correct deficiencies in the connected work zone start and end location markers.

C.2 Testing and Configuration

Prior to deployment, test the connected arrow board with the engineer to ensure the device is showing in the WZDx Device Feed. Send an email to DOTBTOworkzone@dot.wi.gov to notify BTO that the devices have been turned on.

C.3 Programming

Connected arrow board may be switched between the following pattern displays per the plan:

- Blank
- Right Arrow Static
- Right Arrow Flashing
- Right Arrow Sequential
- Left Arrow Static
- Left Arrow Flashing

- Left Arrow Sequential

When the connected arrow board is not displaying a pattern, the display shall be blank and the connected arrow board transmits its status to the data feed. When a connected arrow board is switched to a pattern, the connected arrow board transmits its location and its current operating mode to the data feed.

The connected arrow board and the remote management software shall provide a public GeoJSON/API feed, updated at least every minute, compliant with FHWA's Work Zone Data Exchange (WZDx) v4.2 (<https://www.transportation.gov/av/data/wzdx>) Device Feed specification.

C.4 Reporting

If requested by the engineer, provide real-time status change alerts to a list of designated personnel via text and/or email. Send an alert each time a connected arrow board is switched between operating modes (e.g., each time a connected arrow board is switched between blank, flashing left arrow mode and flashing right arrow mode). Include the current operating mode, the previous operating mode, the date and time of the mode switch, and the location (latitude and longitude) of the device at the time of the mode switch in the alert.

D Measurement

The department will measure the connected arrow boards by the day, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0045.0305	Connected Arrow Boards	
DAY		

Payment is full compensation for providing, repositioning, operating, maintaining, monitoring, testing, relocating and removing the connected arrow board.

The department will deduct one day for each calendar day the connected work zone start and end location markers is required but out of service for more than 2 hours.

18.22 Fence Temporary, Item SPV.0090.0155.

A Description

This special provision describes furnishing, erecting and maintaining temporary chain link fence as shown on the plans and as directed by the engineer, according to standard spec 616, and as hereinafter provided.

B Materials

Fencing parts furnished do not have to be new materials. Used, re-rolled and open seam materials will be permitted.

No specific metallic coating will be required for the chain link fencing materials. Materials furnished do not have to be of the same type. Fence height shall be a minimum of 4 feet.

The engineer may reject fencing materials which, in the engineer's opinion, are too damaged or misaligned to provide acceptable closure.

C Construction

Fence posts may be driven into the ground or set in augered holes, backfilled and compacted. Where fence is installed in areas that are not to be disturbed by subsequent construction activities, the disturbed area shall be restored in kind at no additional cost to the department.

D Measurement

The department will measure Fence Temporary in place by the linear foot from end posts, center to center, along the ground line, acceptably completed. Temporary fence will be measured once for payment. Additional measurement for fence maintenance and removal will not be made.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.0155	Fence Temporary	LF

Payment is full compensation for furnishing all materials; erecting posts, gates and fence; maintaining fencing; removing and disposing of fencing; and for restoring disturbed areas.

Schedule of Items

Attached, dated December 5, 2024, 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: 36, 51, 67, 75, 76, 92, 97, 100-101, 145-146, 191, 257-258, 443, 445, 451, 548-549, 829, 857, 862, 866, 873-874, 899, 907, 910-914 920, 924-926, 928-930, 939-948, 1347, 1387, 1403 and 1486

Added: 538A, 808A, 901A, 1057A, and 1649A-B

Deleted: 93

END OF ADDENDUM

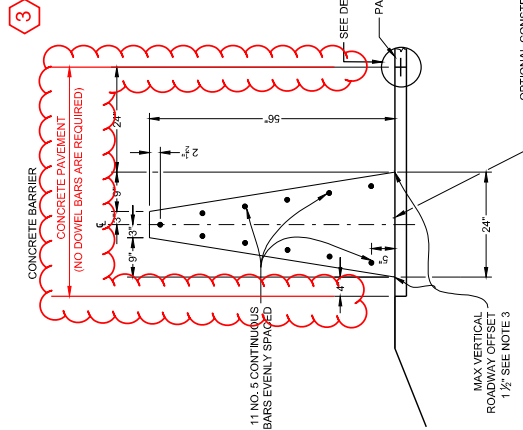
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"X" - SUBGRADE POINT REFERRED
TO ON CROSS SECTIONS



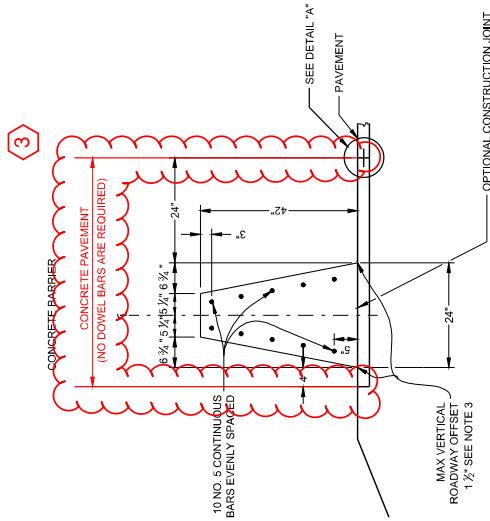
E

GENERAL NOTES

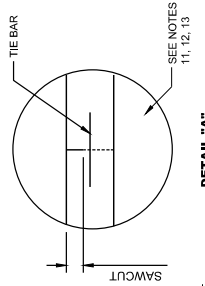
1. MATCH THE CONCRETE BARRIER IS ADDED TO THE FACE OF EXISTING CONCRETE STRUCTURE, MATCH EXISTING WEEP HOLES.
2. EXPANSION JOINTS IN CONCRETE BARRIER SHALL BE LOCATED AT ALL DECK AND PRINCIPAL WALL JOINTS. FULL EXPANSION JOINT WITH EXPANSION JOINT MATERIAL. EXPANSION JOINT FILLER MATERIAL SHALL BE THE SAME SIZE AS JOINT OF $\frac{1}{2}$ " MINIMUM. SEAL THE EXPANSION JOINT CONFIRMING TO S.D. STANDARD SPEC 4.13.2.3.
3. WHEN THE VERTICAL ROADWAY OFFSET IS GREATER THAN 1' 1/2", USE TYPE A SINGLE SLOPE BARRIER, CONFIRMING TO S.D. STANDARD SPEC 4.13.2.3.
4. PLACE BARRIER PERPENDICULAR TO SHOULDER GRADE, UNLESS INDICATED IN PLAN.
5. STAGGER LAPSPING OF LONGITUDINAL STEEL. MINIMUM OVERLAP OF STEEL 2 FEET. BARS AT LAPS TO BE FIRMLY TIED OR CONNECTED.
6. 4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD SPECIFICATION 501.
7. USE $\frac{3}{4}$ " BEVEL OR 1" RADIUS ON ALL EXPOSED SHARP EDGES UNLESS OTHERWISE NOTED.
8. 2" CLEAR COVER TYPICAL.
9. PROVIDE 1" DEEP CONTRACTION JOINT IN BARRIER JOINT IS TO MATCH ADJACENT CONCRETE JOINTS. IF ADJACENT TO ASPHALT, CONTRACTION JOINT IS REQUIRED EVERY 15'.
10. FOR ALL BARRIER TYPES SHOWN, ANCHOR IS REQUIRED AT CONCRETE BARRIER ENDS AND AT INTERRUPTIONS IN CONCRETE BARRIER. ANCHOR MAY BE AS SHOWN ON SDD 14B32 OR SDD 14B33. ANCHORS INCIDENTAL TO CBSS.
11. CONCRETE PAVEMENT UNDER CBSS MAY BE PLACED WITH BARRIER. PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED $\frac{1}{2}$ " DEPTH. SAWING OF CONCRETE SHOULDER SHALL BE THE SAME DEPTH OF THE CONCRETE SHOULDER AND PAID FOR WITH APPLICABLE CONCRETE PAVEMENT BID ITEM IN CONTRACT WHEN ADJACENT TO CONCRETE PAVEMENT.
12. CONSTRUCTION JOINT (DETAIL A) CAN BE ELIMINATED IN CONCRETE SHOULDERS (MEASURED FROM EDGE OF PAVEMENT TO FRONT FACE OF BARRIER) LESS THAN 10'.
13. SEE SDD 13C1 FOR DETAILS TYING CONCRETE BARRIER TO ADJACENT CONCRETE.
14. ALL REBAR SHALL BE EPOXY COATED M31 TYPE S. SEE STANDARD SPEC 505.



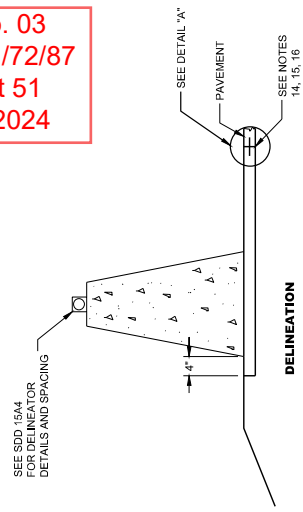
CONCRETE BARRIER TYPE S56 SPECIAL



CONCRETE BARRIER TYPE S42 SPECIAL



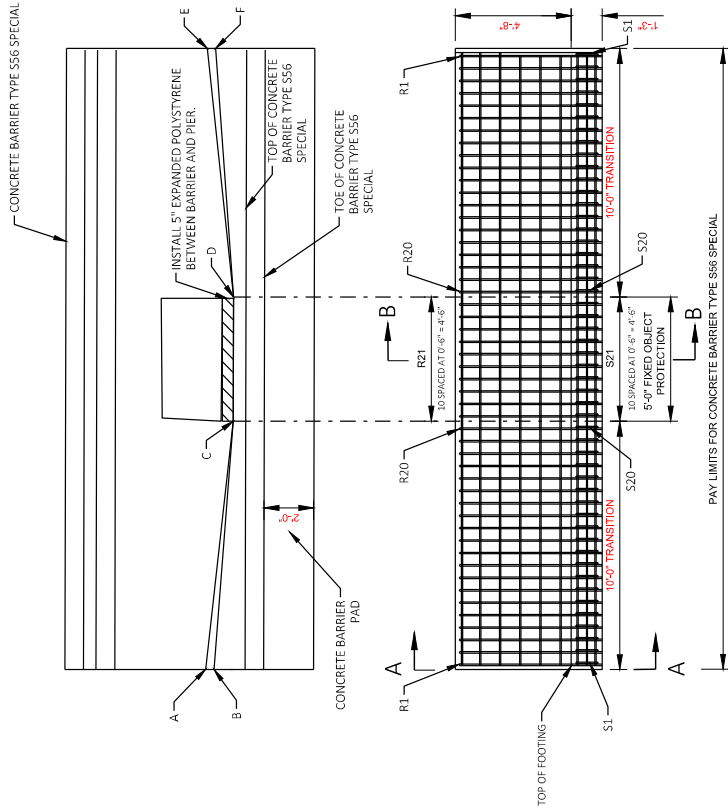
DETAIL "A"



DELINEATION

Addendum No. 03
ID 1130-64-71/72/87
Revised Sheet 51
December 5, 2024

CONCRETE BARRIER TYPE S56 SPECIAL STA/OFF TABLE	
A	575+59.57 26.33 LT
B	575+59.54 26.00 LT
C	575+69.54 25.25 LT
D	575+74.54 25.25 LT
E	575+84.54 26.00 LT
F	575+84.54 26.33 LT



SECTION A-A

SECTION B-B

Addendum No. 03
ID 1130-64-72
Revised Sheet 67
December 5, 2024

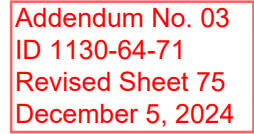
BAR POSITION	C
R1	175
R2	174
R3	174
R4	174
R5	174
R6	173
R7	173
R8	172
R9	172
R10	171

BAR POSITION	C
R1	180
R2	179
R3	179
R4	178
R5	178
R6	177
R7	177
R8	176
R9	176
R10	175

BAR POSITION	A	B
S12	2' 10 1/2"	5"
S13	2' 5 3/4"	5"
S14	2' 9"	5"
S15	2' 6 1/2"	5"
S16	2' 7 3/4"	5"
S17	2' 7"	5"
S18	2' 6 1/2"	5"
S19	2' 5 3/4"	5"
S20	2' 5"	5"

BAR POSITION	A	B
S1	3' 6"	5"
S2	3' 5 1/4"	5"
S3	3' 4 1/2"	5"
S4	3' 4"	5"
S5	3' 3 1/4"	5"
S6	3' 2 1/2"	5"
S7	3' 2"	5"
S8	3' 1 1/4"	5"
S9	3' 0 1/2"	5"
S10	3' 0"	5"
S11	2' 11 1/4"	5"

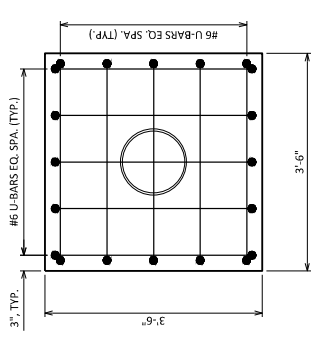
CONCRETE BARRIER FIXED OBSTRUCTION PROTECTION TYPE S56 SPECIAL



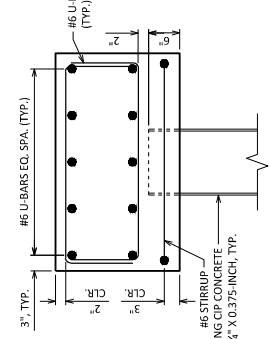
RIGID INCLUSION - DRIVEN PILE

TYPICAL SECTION
GROUND IMPROVEMENT BELOW RETAINING WALL R-44-28

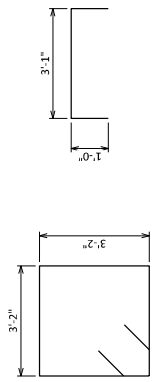
3



**RIGID INCLUSION CAP
(CONCRETE) PLAN**
FOR RIGID INCLUSION - DRIVEN PILE

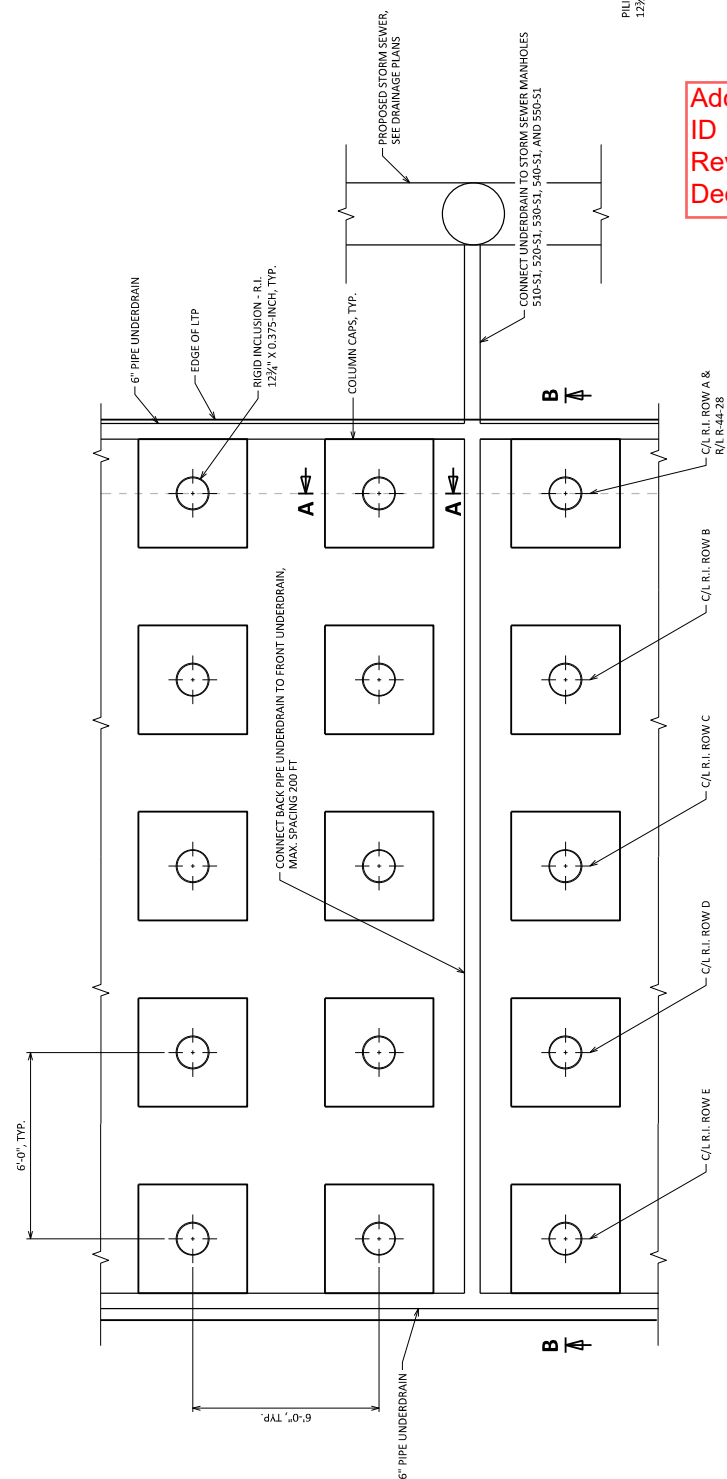


SECTION A-A

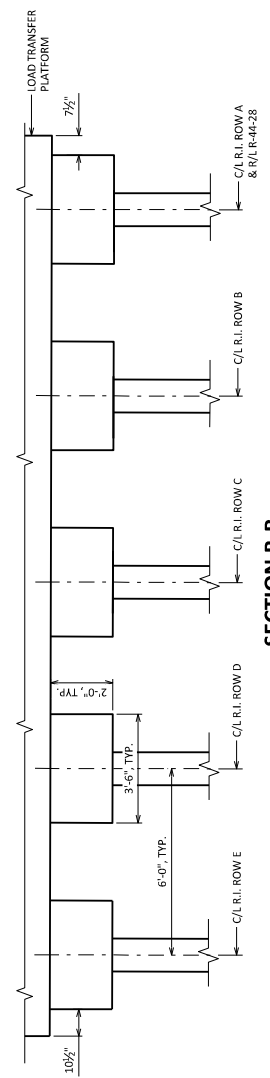


#6 STIRRUP BAR BEND
#6 U-BAR BEND

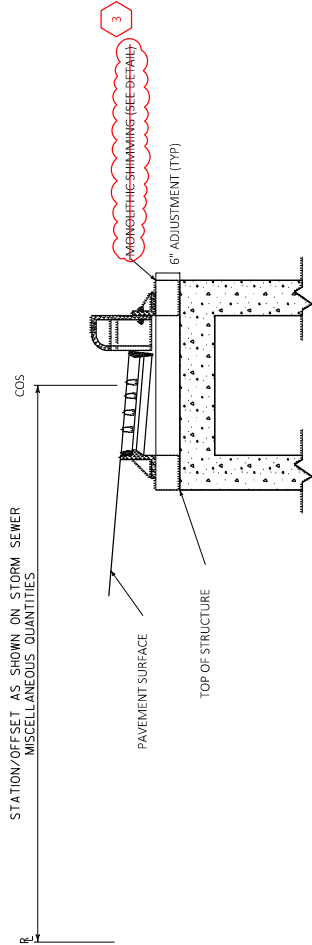
Addendum No. 03
ID 1130-64-71
Revised Sheet 76
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**GROUND IMPROVEMENT
RIGID INCLUSION LAYOUT**



SECTION B-B

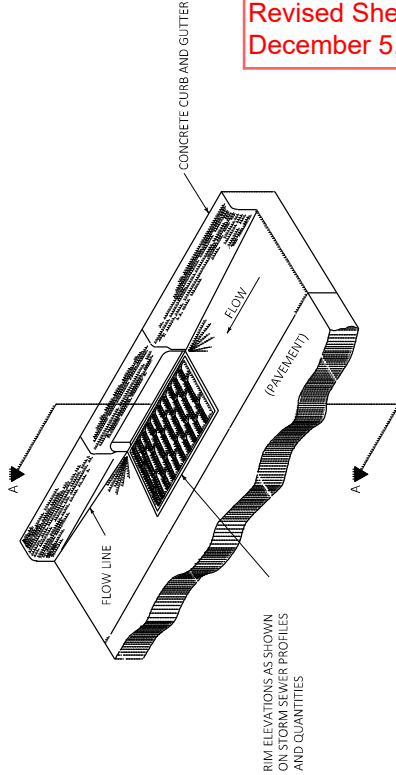


SECTION A-A

STORM SEWER STRUCTURES

STATION/OFFSET LOCATION AND RIM ELEV

REPLACES STANDARD DETAIL 08D01-238 - DETAIL OF CURB AND GUTTER AT INLETS



Addendum No. 03
ID 1130-64-71/72
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NOTES
DETAILS FOR CONSTRUCTION, MATERIALS,
AND WORKMANSHIP NOT SHOWN ON THIS
DRAWING SHALL CONFORM TO THE PERTINENT
REQUIREMENTS OF THE STANDARD
SPECIFICATIONS AND THE APPLICABLE
SPECIAL PROVISIONS

PROJECT NO: 1130-64-71/72

HWY: IH 41

COUNTY: OUTAGAMIE

CONSTRUCTION DETAILS - DRAINAGE

SHEET 92

E

FILE NAME: C:\USERS\ASCHMITT\DWG\ACCDGCS\WISDOT\11306301\PROJECT FILES\11306472\SHEETS\021002-CD-SS.DWG
LAYOUT NAME - CD_SS_00

PLOT DATE: 12/3/2024 6:04 PM

PLOT BY: AARON SCHMITT

PLOT SCALE: 1 IN=100 FT

WISDOT/CADDSS SHEET 42

 CONCRETE

CONSTRUCTION DETAILS - DRAINAGE

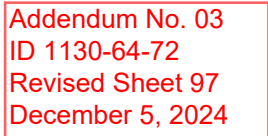
COUNTY: OUTAGAMIE

HWY: 1H 41

PROJECT NO: 1130-64-71/72

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LAYOUT NAME - CD_SS_01



NOTES

SEE SDD "CONCRETE BARRIER SINGLE SLOPE (CBSS)" DRAINAGE DETAIL AND EXPANSION JOINT DETAIL FOR ADDITIONAL INFORMATION.

SEE SDD "INLET COVERS TYPE V, V-B, AND V-B" FOR INLET COVER DETAILS

SEE SDD "CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES" FOR ADDITIONAL INFORMATION ON PLACEMENT OF TIE BARS.

SEE SDD "RURAL DOWELED CONCRETE PAVEMENT" FOR ADDITIONAL INFORMATION

LOCATE TRANSVERSE JOINT A MINIMUM OF 6' FROM THE NEAREST CONTRACTION JOINT. DO NOT EXCEED THE MAXIMUM SPACING OF CONTRACTION JOINTS IDENTIFIED IN SDD "RURAL DOWELED CONCRETE PAVEMENT"

MONOLITHIC CONCRETE SHIMMING IS ONLY REQUIRED FOR VV-B INLETS ON IH-41.

DOUBLE GRATE INLET SECTION

NOTES

(1) PROVIDE MONOLITHIC CONCRETE SHIMMING FOR FINAL ADJUSTMENT OF DRAINAGE STRUCTURES LOCATED WITHIN THE ROADWAY CONCRETE PAVEMENT AND CONCRETE BARRIERS.

SECTION B-B: MONOLITHIC CONCRETE SHIMMING DETAIL

(1) PF 5

PROJECT NO: 1130-64-72

HWY: IH 41

COUNTY: OUTAGAMIE

CONSTRUCTION DETAILS - DRAINAGE

PLOT NAME :

1 IN:100 FT

1

UNIVERSITY OF CALIFORNIA

3

REMOVING CASTING BOLTS LOCATIONS - PROJECT 1130-64-71
SEE SPECIAL PROVISIONS "INLET COVERS TPE VV-B"

STAGE	ROADWAY	STRUCTURE ID
1130-64-71 STAGE 5		
	R/L SB	125.1-S2
	R/L SB	125.2-S2
	R/L WND	130.2-S2
	R/L SB	135.1-S2
	R/L SB	135.2-S2
	R/L WND	140.2-S2
	R/L SB	145.1-S2
	R/L SB	145.2-S2
	R/L WND	150.1-S2
	R/L SB	150.2-S2
	R/L SB	150.4-S2
	R/L WND	160.1-S2
	R/L SB	160.2-S2
	R/L WND	170.1-S2
	R/L SB	170-S2
	R/L SB	220.1-S2
	R/L SB	220.2-S2
	R/L SB	230.1-S2
	R/L SB	230.2-S2
	R/L SB	240.1-S2
	R/L SB	240.2-S2
	R/L SB	250.1-S2
	R/L SB	250.2-S2
	R/L SB	260.1-S2
	R/L SB	260.2-S2
	R/L NB	125.3-S4
	R/L NB	135.4-S4
	R/L NB	145.3-S4
	R/L NB	150.5-S4
	R/L NB	160.3-S4
	R/L NB	170.3-S4
	R/L NB	220.3-S4
	R/L NB	230.4-S4
	R/L NB	240.3-S4
	R/L NB	250.3-S4
	R/L NB	260.3-S4
	R/L NB	415.1-S4
	R/L NB	425.1-S4
	R/L NB	435.1-S4

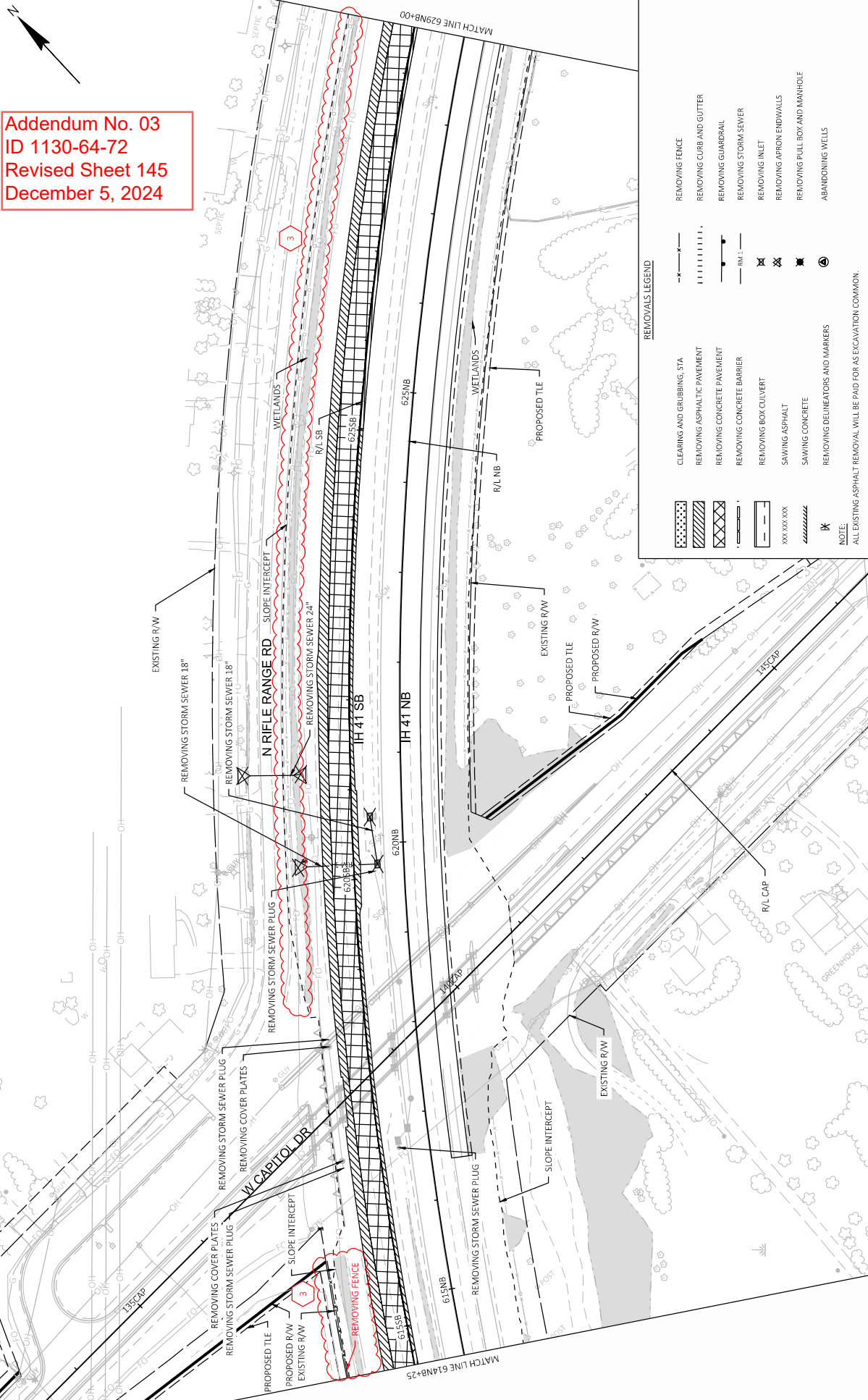
Addendum No. 03
ID 1130-64-71
Revised Sheet 100
December 5, 2024

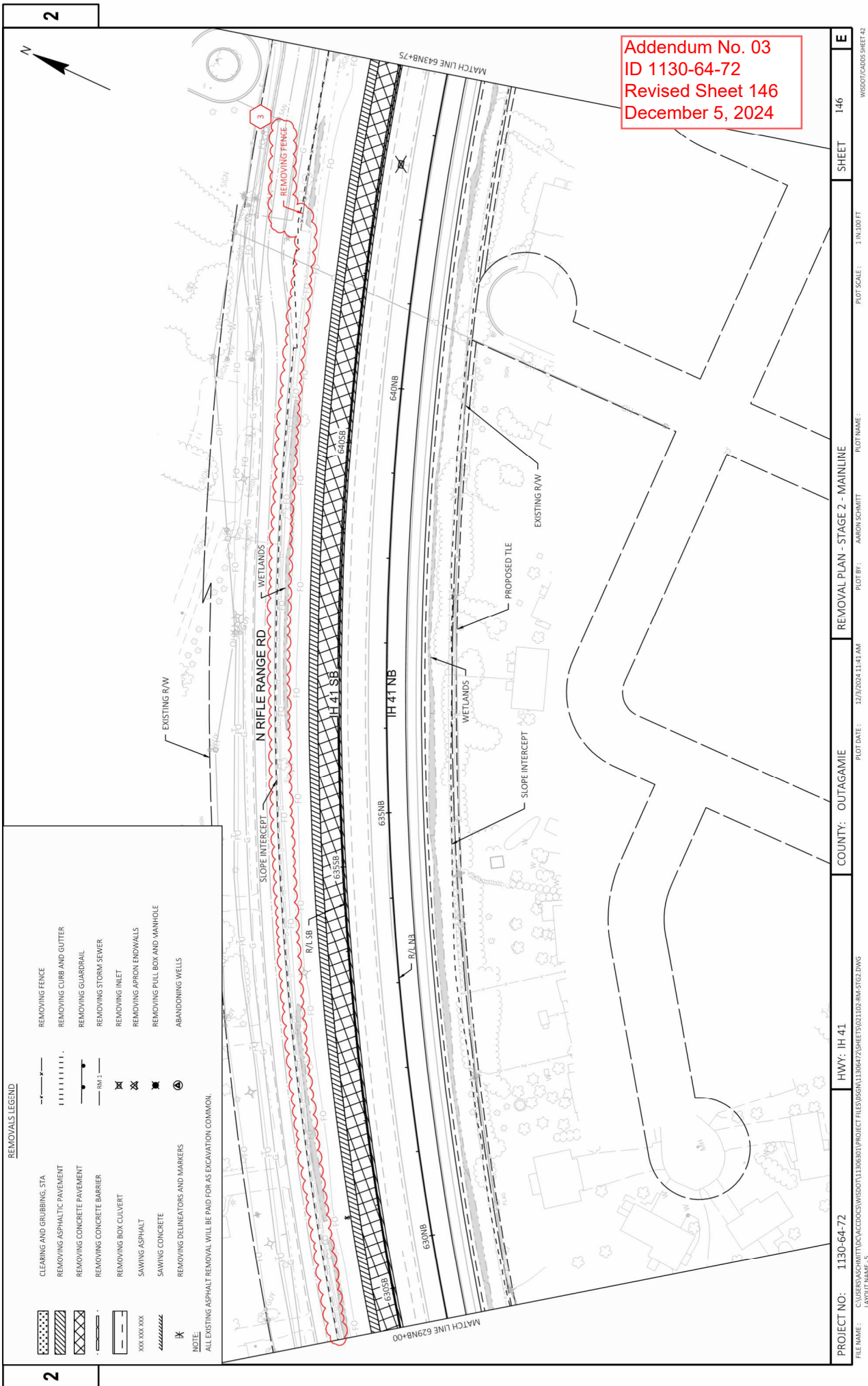
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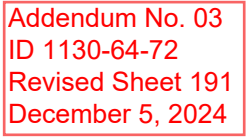
STAGE	ROADWAY	ID	STRUCTURE
1130-64-72 STAGE 4 CONT.			
	R/L SB	6693-S4	
	R/L SB	6694-S2	
	R/L SB	6697-S4	
	R/L SB	EX 6451	
	R/L SB	EX 6452	
	R/L SB	EX 6453	
	R/L SB	EX 6454	
	R/L SB	EX 6455	
	R/L SB	EX 6458	
	R/L SB	EX 6459	
	R/L SB	EX 6460	
	R/L SB	EX 6461	
	R/L SB	EX 6463	
	R/L SB	EX 6464	
	R/L SB	EX 6465	
	R/L SB	EX 6466	
	R/L SB	EX 6467	
	R/L SB	EX 6470	
	R/L SB	EX 6471	
	R/L SB	EX 6472	
	R/L SB	EX 6476	
	R/L SB	EX 6477	
	R/L SB	EX 6526	

Addendum No. 03
ID 1130-64-71/72
Revised Sheet 101
December 5, 2024

Addendum No. 03
ID 1130-64-72
Revised Sheet 145
December 5, 2024

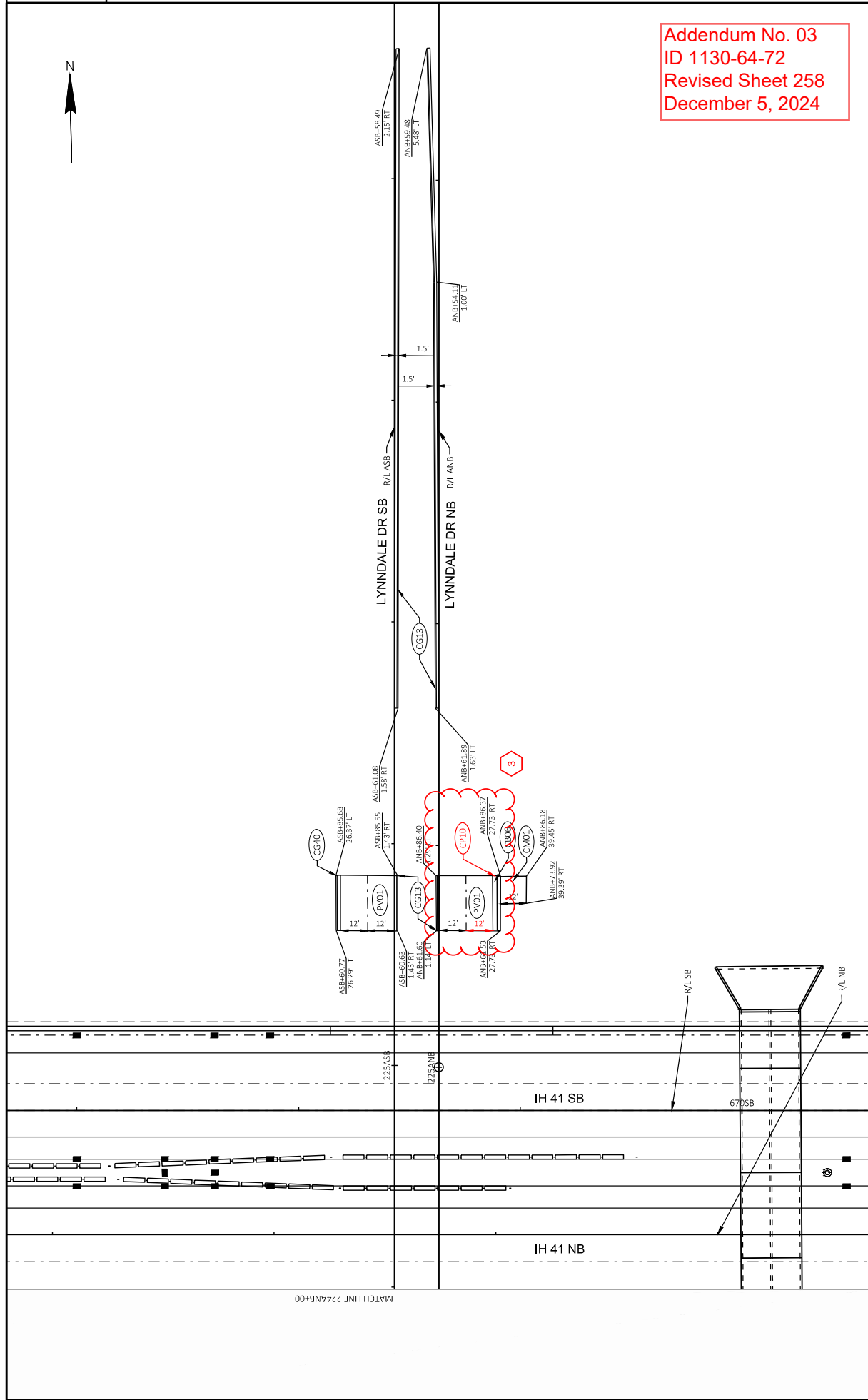




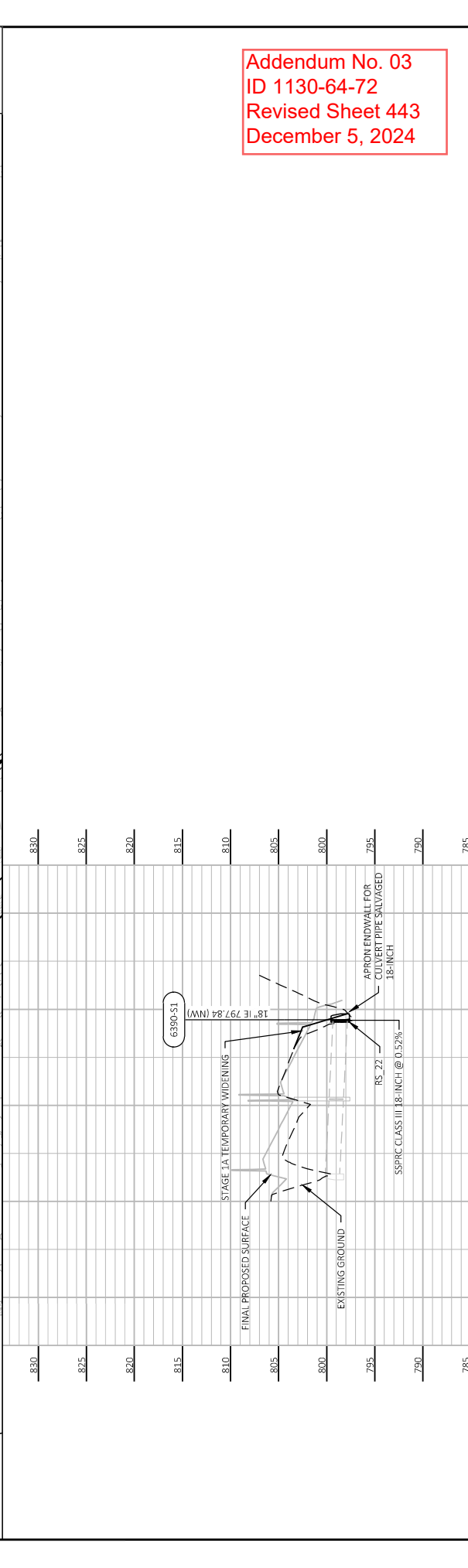
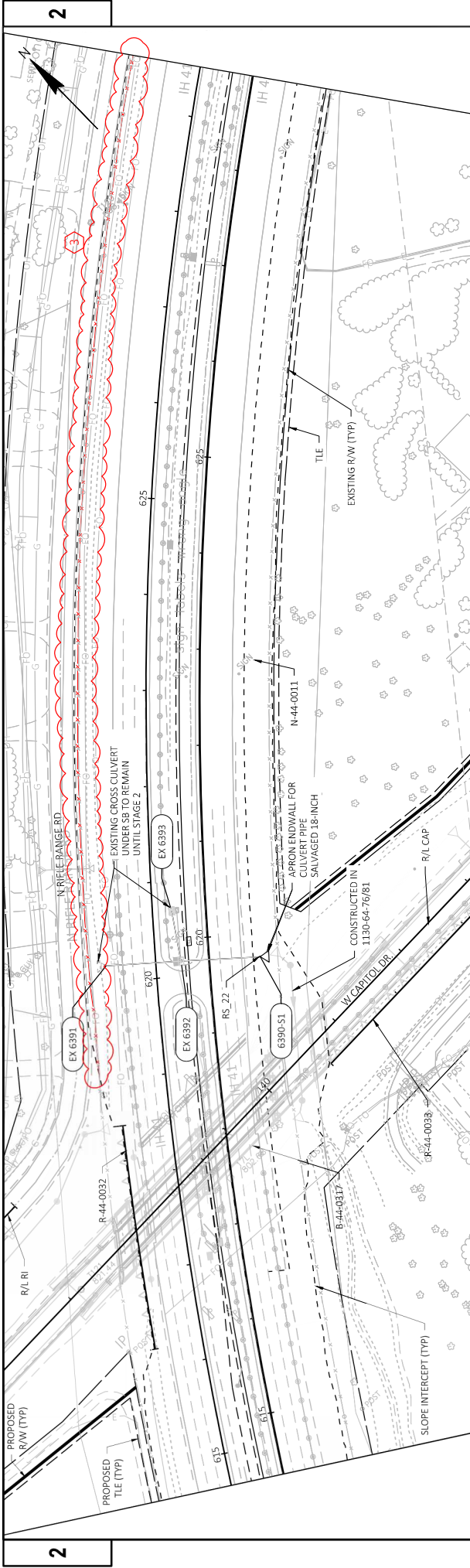




RADIUS TABLE (CENTER OF RADIUS)			
POINT	STATION	OFFSET	RADIUS
106	219+ANB+01.46	10020.00' LT	10020'



Addendum No. 03
ID 1130-64-72
Revised Sheet 258
December 5, 2024



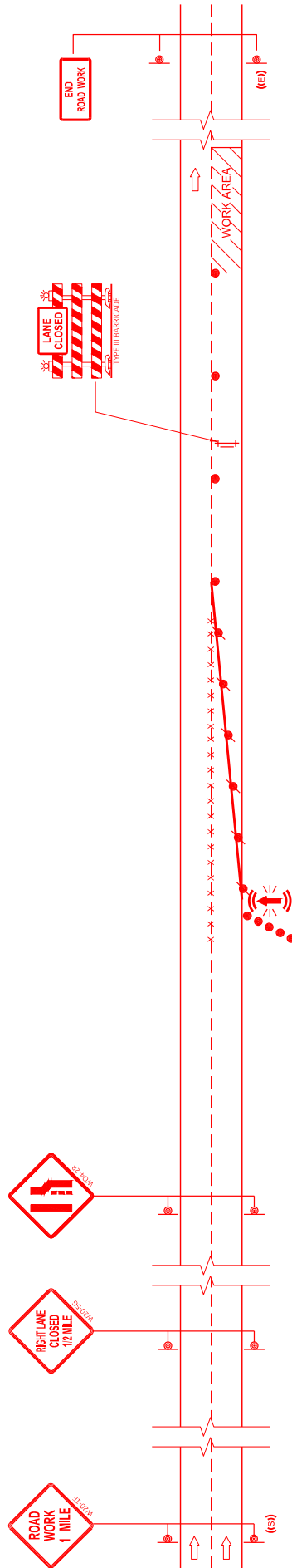
Addendum No. 03
 ID 1130-64-72
 Revised Sheet 443
 December 5, 2024



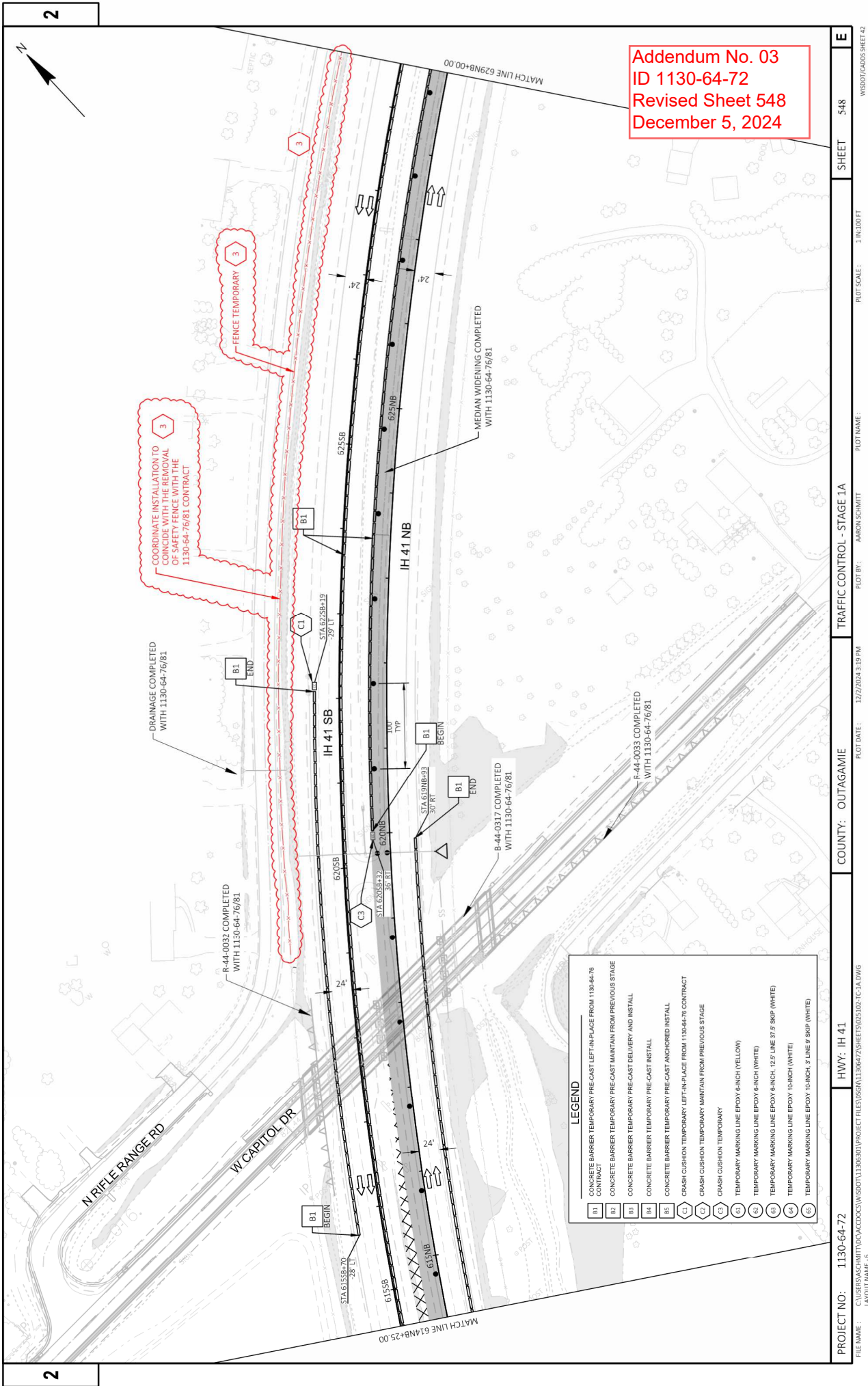
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LAYOUT NAME - 004 (2)

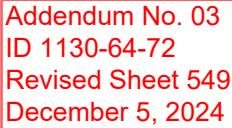
THIS CONSTRUCTION DETAIL SUPPLEMENTS STANDARD DETAIL DRAWINGS FOR LANE CLOSURES WITH WORK ZONE LOCATION MARKERS AS SHOWN IN THIS DETAIL.

	SIGN ON PERMANENT SUPPORT
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
	TYPE III BARRICADE WITH ATTACHED SIGN
	TYPE "A" WARNING LIGHT (FLASHING)
	REMOVING PAVEMENT MARKINGS
	DIRECTION OF TRAFFIC
	WORK AREA
	FLASHING CONNECTED ARROW BOARD
	WZ START LOCATION MARKER (ss)
	WZ END LOCATION MARKER (te)



TRAFFIC CONTROL LANE CLOSURE







CONNECTED WORK ZONE DEVICES

		SPV.0045.0300		SPV.0045.0305	
		CONNECTED		CONNECTED	
		WORK ZONE START		WORK ZONE START	
		AND END		AND END	
		LOCATION		LOCATION	
CATEGORY	STAGE	ROADWAY	DAYS	EACH	DAY
1000	-	NB ADVANCE SIGNING	670	1	670
PROJECT 1130-64-71 TOTALS					670

Addendum No. 03
ID 1130-64-71
Added Sheet 808A
December 5, 2024

RECONSTRUCTING AND ADJUSTING STRUCTURES												
CATEGORY	LOCATION	STRUCTURE ID	STATION	OFFSET	STRUCTURE ELEVATION	RIM ELEVATION	PROPOSED TO ELEVATION INCREASE	RECONSTRUCTING EACH	MANHOLES EACH	RECONSTRUCTING INLETS EACH	611.0430	611.8110
1000	1130-64-71	STAGE 3										
	R/L WND	140-52	1543+75.00	40.00 RT	799.45	800.78	--	--	--	--	--	--
STAGE 3 SUBTOTALS												
1000	1130-64-71	STAGE 4										
	R/L SB	125.2-52*	538+31.14	21.15' RT	801.02	801.02	--	--	--	--	--	--
	R/L NB	125.3-53	538+31.14	21.14' LT	800.96	802.63	1.67	--	--	--	--	1
	R/L SB	135.2-52	541+05.00	21.83' RT	802.33	805.92	3.59	1	--	--	--	--
	R/L SB	145.2-52	544+00.00	21.83' RT	804.63	807.46	2.83	1	--	--	--	--
	R/L SB	150.4-52*	547+30.90	21.83' RT	807.68	810.03	2.35	1	--	--	--	--
	R/L NB	150.5-53	547+30.90	21.83' LT	807.71	810.16	2.45	1	--	--	--	--
	R/L SB	160.2-52	549+99.99	21.83' RT	808.54	812.12	3.58	1	--	--	--	--
	R/L SB	170-52	553+15.00	21.83' RT	811.23	814.57	3.34	--	1	--	--	--
	R/L SB	220.2-52	559+00.00	21.83' RT	813.21	816.79	3.58	1	--	--	--	--
	R/L SB	230.2-52	561+25.00	21.83' RT	812.23	815.57	3.34	--	1	--	--	--
	R/L SB	240.2-52	563+50.00	21.83' RT	809.76	813.13	3.37	1	--	--	--	--
	R/L SB	250.2-52	565+75.00	21.83' RT	805.89	809.47	3.58	1	--	--	--	--
	R/L SB	260.2-52	568+00.00	21.83' RT	801.12	804.71	3.59	1	--	--	--	--
STAGE 4 SUBTOTALS												
							9	3				1
PROJECT 1130-64-71 TOTALS												
							9	3				1
SIZE INFORMATION FOR ALL STRUCTURES BUILT IN 1130-64-71 IS LISTED IN THE STORM SEWER STRUCTURE TABLES												
*SEE BW TO VV-B RECONSTRUCTING INLET CONSTRUCTION DETAIL												

COVER PLATES			
611.8120.5			
COVER PLATES			
CATEGORY	ROADWAY	STRUCTURE ID	NOTES
1000	1130-64-71	STAGE 2	
	R/L SB	135.2-52	2 REMOVE IN STAGE 4
	R/L WND	140-52	2 REMOVE IN STAGE 3
	R/L SB	145.2-52	2 REMOVE IN STAGE 4
	R/L SB	160.2-52	2 REMOVE IN STAGE 4
	R/L SB	170-52	2 REMOVE IN STAGE 4
	R/L SB	220.2-52	2 REMOVE IN STAGE 4
	R/L SB	230.2-52	2 REMOVE IN STAGE 4
	R/L SB	250.2-52	2 REMOVE IN STAGE 4
	R/L SB	260.2-52	2 REMOVE IN STAGE 4
STAGE 2 SUBTOTAL			18
PROJECT 1130-64-71 TOTAL			18

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ID 1130-64-71
Revised Sheet 829
December 5, 2024

REMOVING FENCE

204.0170 REMOVING FENCE						
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET LOCATION LF
1000	1	IH 41 NB	666NB+32	-	667NB+21	87.15 RT 89
N LYNNDALE DR						
			220ANB+76	-	221ANB+69	66.69 RT 124
			220ANB+98	-	223ANB+34	40.18 RT 236
			221ANB+69	-	223ANB+35	102 RT 259
STAGE 1 SUBTOTAL						708

2	IH 41 SB	569SB+00	-	574SB+33	121.45	LT	533
		602SB+70	-	615SB+86	157	LT	1342
		642SB+40	-	668SB+10	69.89	LT	2570
		669SB+04.13	-	672SB+89.28	95.03	LT	501
RAMP D							
		1593NLD+12.32	-	1602NLD+70.21	650.54	LT	1309
N LYNNDALE DR							
		225ANB+75.74	-	225+87.67	39.75	RT	12
STAGE 2 SUBTOTAL							6267

4	IH 41 NB	569NB+00	-	575NB+65	90.40	RT	666
		575NB+79.42	-	576NB+09	97.29	RT	26
		604NB+79	-	617NB+62.39	90	RT	1254
		619NB+88	-	658NB+52	71.55	RT	3799
		658NB+52	-	666NB+32	101	RT	867
RAMP A							
		1593NLA+63.77	-	1604NLA+78.94	279.10	RT	1195
RAMP B							
		1576NLB+09	-	1589NLB+34.98	68	RT	2074
STAGE 4 SUBTOTAL							9881
SUBTOTAL							16856
PROJECT 1130-64-72 TOTAL							16900

REMOVING (ABANDONING WELLS)

204.0060.5 REMOVING (ABANDONING WELLS)						
CATEGORY	STAGE	ROADWAY	STATION	OFFSET	LOCATION	EACH
1000	1	IH 41 NB	589NB+87	40	RT	1
		IH 41 SB	585SB+30	134	LT	1
			592SB+80	71	LT	1
			618SB+38	54	LT	1
STAGE 1 SUBTOTAL						4
PROJECT 1130-64-72 TOTAL						4

Addendum No. 03
ID 1130-64-72
Revised Sheet 857
December 5, 2024

REMOVING CONCRETE BARRIER

204.0157 REMOVING CONCRETE BARRIER						
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET LOCATION LF
1000	1	N LYNNDALE DR	223ANB+24	-	223ANB+49	27.65 RT 26
			225ANB+61	-	225ANB+86	26.99 RT 25
STAGE 1 SUBTOTAL						51
PROJECT 1130-64-72 TOTAL						51

PROJECT	From/To Station	Location	Excavation Common (CY) **		Excavation Marsh (CY)	Roadway Embankment (CY)	Mass Ordinate +/- (5)
			Cut (CY) (2)	EBs (CY) (3)			
1130-64-72	219ANB+00 - 222ANB+60 - 229ANB+60	LYNNDALE MEDIAN CROSSOVER	440	0	0	0	440
	217ANB+00 - 232ANB+00	LYNNDALE SB SHOULDER - TEMP PED ROUTE	240	0	0	75	165
	VARIES	STAGE 1 NB STORM SEWER CROSSINGS	175	0	0	0	175
	666NB+75 - 669NB+75	STAGE 1 PAVEMENT REMOVAL OVER B-44-367	90	0	0	0	90
	569NB+00.00 - 672NB+55.51 - 672NB+55.51 - 683NB+15.07	IH 41 SB STAGE 1	13,352	0	0	3,555	9,797
	2672+64.22 - 2689+40.98	SB IH 41 MEDIAN CROSSOVER	1,356	0	0	123	1,233
	3607+97.49 - 3637+15.30 - 3636NB+76.86 - 3679NB+30.03	SB IH 41 TO 1500 RAMP MEDIAN CROSSOVER	1,770	0	0	346	1,224
	221ANB+00 - 223ANB+49 - 225ANB+61 - 225ANB+86	LYNNDALE NB TRAVEL LANES	387	0	0	19	368
	10DAB+00.00 - 11DAB+62.30	LYNNDALE DITCH	292	0	0	0	292
	199AC+40+60 - 207AC+80.28	LYNNDALE CHANNEL	2,612	0	0	164	2,448
	569SB+00.00 - 673SB+44.49	IH 41 SB STAGE 2	31,867	0	50	24,046	7,871
	673SBT+44.55 - 678SBT+64.05	IH 41 SB INTERIM STAGE 2	1,691	0	0	0	1,376
	157NLC+03.23 - 1585NLC+00.00	RAMP NLC	2,736	0	0	2,040	696
	160NLD+25.00 - 1602NLD+70.21	RAMP NLD	266	0	0	2,650	-2,384
	605SB+11.74 - 660SB+96.69	SB EBS	0	8,076	0	0	8,076
	0APC+00.00 - 9APC+35.50	POND APC	23,566	0	0	311	23,255
	569SB+00.00 - 673SB+44.49	IH 41 SB STAGE 2 DITCH	0	0	0	1,633	-1,633
	594SB+50.00 - 604SB+03.00	IH 41 SB TEMP OUTSIDE SHOULDER	1,839	0	0	508	1,330
	221ASB+00 - 223ASB+49 - 225ASB+61 - 225ASB+86	LYNNDALE SB TRAVEL LANES	334	0	0	0	334
	217ANB+00 - 232ANB+00	LYNNDALE SB SHOULDER - REMOVE TEMP PED ROUTE	278	0	0	175	103
	219ANB+00 - 222ANB+00 - 226ANB+60 - 229ANB+60	LYNNDALE REMOVE MEDIAN CROSSOVER	220	0	0	0	220
	605SB+09.09 - 673SB+44.49	IH 41 SB STAGE 3	7,806	0	0	1,493	6,313
	3675SB+50.00 - 673SB+44.49	IH 41 SB STAGE 3 DITCH	14,942	0	0	1,580	13,362
	569NB+00.00 - 674NB+80.00 - 2574+50.00 - 2593+18.17	NB - STH15 RAMP NLB - STAGE 3A CROSSOVER	1,023	0	0	333	690
	1595NLA+70 - 1600NLA+00	NB - STH 15 RAMP NLA - TEMP 3	160	0	0	906	-746
	2673+44.49 - 2687+44.15	NB STAGE 4 CROSSOVER	1,503	0	0	895	608
	569NB+00.00 - 672NB+55.51	IH 41 NB STAGE 4	56,300	0	50	19,186	37,182
	672NBT+55.51 - 677NBT+75.00	IH 41 NB INTERIM STAGE 4	1,952	0	0	264	1,688
	1599NLA+97.39 - 1604NLA+78.94	RAMP NLA	865	0	0	222	643
	157NLA+09.24 - 1578NLA+77.48	RAMP NLB	688	0	0	44	644
	2595+70.74 - 2600+66.29	NB - STH15 RAMP NLA STAGE 4B TEMP REMOVAL	1,212	0	0	0	1,212
	619NB+92.47 - 658NB+21.92	NB EBS	0	9,899	0	0	9,899
	569NB+00 - 573NB+00	IH 41 MEDIAN	425	0	0	0	425
	591SB+50.00 - 601SB+03.00	IH 41 SB OUTSIDE SHOULDER	1,236	0	0	126	1,106
	569NB+00.00 - 672NB+55.51	IH 41 RELIEF TRENCHES	1,352	0	0	0	1,352
Totals			171,800	18,000	100	67,000	123,000
			189,800				

Addendum No. 03
ID 1130-64-72
Revised Sheet 862
December 5, 2024

- 1) Excavation Common = Cut + EBS Excavation. Item number 205.0100.
- 2) Cut volume includes existing concrete and asphaltic surface material.
- 3) EBS Excavation to be backfilled with select crushed material unless otherwise noted in the plans. All EBS material is assumed to be wasted offsite.
- 4) Roadway Embankment = Fill
- 5) Mass Ordinate = Excavation Common + Excavation Marsh + Fill. The Mass Ordinate is for information purposes only.

**Additional Quantities Shown Elsewhere

Addendum No. 03
ID 1130-64-72
Revised Sheet 866
December 5, 2024

[illegible]

PROJECT NO:	1130-64-72	HWY:	IH 41	COUNTY:	OUTAGAMIE	MISCELLANEOUS QUANTITIES	SHEET	873
FILE NAME:				PLOT DATE:		PLOT BY:		PLOT SCALE:
WISDOT/CADD SHEET 42								

[illegible]

Addendum No. 03
ID 1130-64-72
Revised Sheet 874
December 5, 2024

CONCRETE BARRIER																		
CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	LOCATION	SPV.0090.0115 CONCRETE BARRIER TYPE S42 SPECIAL	LF	SPV.0090.0120 CONCRETE BARRIER TYPE S56 SPECIAL	LF	603.1256 CONCRETE BARRIER TYPE S6A LF	603.1442 CONCRETE BARRIER TYPE S42C LF	603.1456 CONCRETE BARRIER TYPE S56C LF	603.2255 CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56 SPECIAL EACH	SPV.0090.0125 CONCRETE BARRIER FIXED OBJECT PROTECTION TYPE S56 SPECIAL LF	603.3559 CONCRETE BARRIER TRANSITION TYPE S42 TO S56 EACH	SPV.0090.0150 CONCRETE BARRIER TEMPORARY PRECAST LEFT IN PLACE LF
CONTINUED FROM PREVIOUS PAGE																		
4																		
RAMP A																		
			1599NLB+97.39	-	1604NLB+78.94	36.61	RT	-	474	-	-	-	-	-	-	-	-	-
RAMP B																		
			1576NLB+10.00	-	1576NLB+34.60	32.00	RT	-	-	-	-	-	-	-	-	-	1	-
			1576NLB+34.60	-	1576NLB+50.48	32.00	RT	-	16	-	-	-	-	-	-	-	-	-
STAGE 4 SUBTOTAL									8170	12380	120	114	61	0	35	2	-	-
5																		
IH 41 NB																		
			658NB+75.00	-	668NB+06.77	25.03	LT	-	-	-	-	-	-	-	-	-	-	932
IH 41 SB																		
			6595B+64.01	-	6695B+52.82	24.85	RT	-	-	-	-	-	-	-	-	-	-	989
STAGE 5 SUBTOTAL									-	-	-	-	-	-	-	-	-	1921
PROJECT 1130-64-72 SUBTOTAL									16878	21066	120	228	61	1	35	2	-	1921
PROJECT 1130-64-72 TOTAL									16900	21500	120	228	61	1	35	2	-	1990

TEMPORARY PEDESTRIAN ITEMS

3

SPV.0090.0155									
FENCE									
TEMPORARY									
CATEGORY	ROADWAY	STAGE	644.1601		644.1810		644.1605		LF
			TEMPORARY PEDESTRIAN CURB RAMP	DAY	TEMPORARY PEDESTRIAN BARRICADE	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD	TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD		
1000	IH 41 LYNNDALE DRIVE	STAGE 1A		40	-	-			2755
		STAGE 1A		40	-	-			
		STAGE 1B		25	50	60			
		STAGE 1C		25	1,375	60			
		STAGE 2A		110	-	-			
		STAGE 2B		75	-	-			
PROJECT 1130-64-72 TOTAL			275		1425	120		2755	

3

SPV.0090.0155
FENCE
TEMPORARY

Addendum No. 03
ID 1130-64-72
Revised Sheet 899
December 5, 2024

Addendum No. 03
ID 1130-64-72
Added Sheet 901A
December 5, 2024



CONNECTED WORK ZONE DEVICES

		SPV.0045.0300		SPV.0045.0305	
		CONNECTED		CONNECTED	
		WORK ZONE START		WORK ZONE START	
		AND END		AND END	
		LOCATION		LOCATION	
CATEGORY	STAGE	ROADWAY	DAYS	EACH	DAY
1000	-	SB ADVANCE SIGNING	670	1	670
PROJECT 1130-64-72 TOTALS					670

Addendum No. 03
ID 1130-64-72
Revised Sheet 907
December 5, 2024

STORM SEWER STRUCTURES

204.9060.S.0103 204.0210 204.0220
REMOVING APRON REMOVING INLETS
ENDWALLS MANHOLES EACH EACH

CATEGORY	LOCATION	STATION	OFFSET	REMOVING ENDWALLS EACH	REMOVING MANHOLES EACH	REMOVING INLETS EACH	COMMENTS
1000	1130-64-72	STAGE 1					
	RL SB	586+97.96	70.85' RT	1	--	--	
	RL SB	668+62.48	210.81' RT	--	--	1	
	STAGE 1 TOTALS						
				1	0	1	
1000	1130-64-72	STAGE 2					
	RL SB	574+31.84	6.61' RT	--	1	--	
	RL SB	578+85.36	24.77' RT	--	--	1	
	RL SB	605+06.94	20.06' RT	--	--	1	
	RL SB	620+16.06	26.44' RT	--	--	1	
	RL SB	620+16.10	21.87' RT	--	1	--	
	RL SB	620+68.95	20.22' RT	--	--	1	
	RL SB	643+33.25	21.41' RT	--	--	1	
	RL SB	654+10.40	22.88' RT	--	--	1	
	RL SB	667+39.79	23.71' RT	--	--	1	
	RL SB	668+17.04	210.45' RT	--	--	1	
	RL SB	668+45.01	210.70' RT	--	--	1	
	STAGE 2 TOTALS						
				0	2	9	
1000	1130-64-72	STAGE 3					
	RL SB	573+00.00	27.82' RT	--	--	1	
	RL SB	574+38.50	26.07' RT	--	--	1	
	RL SB	578+85.36	24.77' RT	--	--	1	
	RL SB	580+25.00	24.37' RT	--	--	1	
	RL SB	589+75.00	21.71' RT	--	--	1	
	RL SB	592+45.99	22.48' RT	--	--	1	
	RL SB	601+65.71	25.35' RT	--	--	1	
	RL SB	666+89.56	23.44' RT	--	--	1	
	RL SB	667+39.68	39.96' RT	--	--	1	
	STAGE 3 TOTALS						
				0	0	9	
1000	1130-64-72	STAGE 4					
	RL NB	576+19.95	21.79' LT	--	--	1	
	RL NB	593+22.18	18.96' LT	--	--	1	
	RL NB	604+89.86	27.39' LT	--	--	1	
	RL NB	655+76.28	17.37' LT	--	--	1	
	STAGE 4 TOTALS						
				0	0	4	
	1130-64-72 TOTALS						
				1	2	23	

MISCELLANEOUS REMOVALS

SPV.0060.0125
REMOVING
COVER
PLATES
EACH

SPV.0060.0126
REMOVING
STORM
SEWER PLUG
EACH

CATEGORY	LOCATION	STRUCTURE	STATION	OFFSET	REMOVING COVER PLATES EACH	REMOVING STORM SEWER PLUG EACH	COMMENTS
1000	1130-64-72	STAGE 2					
	RL SB	RS_30-S2	592+41.69	15.78' RT	--	1	
	RL SB	RS_32-S2	616+83.56	38.29' LT	--	1	
	RL SB	RS_24-S2	616+97.60	21.98' RT	--	1	
	RL SB	RS_34-S2	618+25.68	42.43' LT	--	1	
	RL SB	RS_25-S2	620+06.16	23.20' RT	--	1	
	RL SB	EX 6323	616+91.07	42.55' LT	2	--	
	RL SB	EX 6324	618+17.75	42.54' LT	2	--	
	RL SB	EX 6455	588+94.05	33.87' LT	2	--	
	RL SB	EX 6458	589+62.22	33.87' LT	2	--	
	RL SB	EX 6459	589+24.45	33.87' LT	2	--	
	STAGE 2 SUBTOTALS						
					10	5	
1000	1130-64-72	STAGE 3					
	RL SB	EX 6328	617+50.71	41.93' RT	2	--	
	RL SB	EX 6329	618+82.61	41.88' RT	2	--	
	RL SB	EX 6451	586+97.96	21.87' RT	2	--	
	RL SB	EX 6453	588+74.46	21.87' RT	2	--	
	RL SB	EX 6454	588+94.07	21.87' RT	2	--	
	RL SB	EX 6456	588+94.07	28.00' RT	1	--	
	RL SB	EX 6470	589+24.48	21.87' RT	2	--	
	RL SB	EX 6472	589+62.22	21.87' RT	2	--	
	RL SB	EX 6475	589+62.23	15.00' RT	2	--	
	RL SB	EX 6477	592+33.71	21.87' RT	2	--	
	RL SB	EX 6478	592+33.69	15.80' RT	2	--	
	RL SB	EX 6527	617+05.65	21.86' RT	2	--	
	ASB	EX 6721	220+03.75	00.55' RT	1	--	
	ASB	EX 6722	220+04.45	12.68' RT	1	--	
	STAGE 3 SUBTOTALS						
					25	0	
1000	1130-64-72	STAGE 4					
	RL SB	EX 6452	586+97.96	34.13' RT	2	--	
	RL SB	EX 6460	588+99.46	89.87' RT	2	--	
	RL SB	EX 6461	588+74.46	89.87' RT	2	--	
	RL SB	EX 6463	589+62.22	89.87' RT	2	--	
	RL SB	EX 6464	589+24.46	89.87' RT	2	--	
	RL SB	EX 6465	588+99.46	34.13' RT	--	--	
	RL SB	EX 6466	588+74.46	34.13' RT	2	--	
	RL SB	EX 6467	589+24.45	34.13' RT	2	--	
	RL SB	EX 6471	589+62.25	34.13' RT	2	--	
	RL SB	EX 6476	592+33.74	34.13' RT	2	--	
	RL SB	EX 6526	617+18.33	34.13' RT	1	--	
	RL SB	EX 6726	681+38.41	34.82' RT	2	--	
	STAGE 4 SUBTOTALS						
					21	0	
	1130-64-72 TOTALS						
					56	5	

PROJECT NO: 1130-64-72

HWY: IH 41

COUNTY: OUTAGAMIE

MISCELLANEOUS QUANTITIES

SHEET

907

FILE NAME: DRAWING.DWG
LAYOUT NAME: 01

PLOT DATE: 10/16/2024 5:13 PM

PLOT NAME: ELIZABETH REGER

PLOT SCALE: 1"=1'

W:\9007\CA005\907 42

3

MANHOLE COVERS	INLET COVERS	MANHOLES
1. MANHOLE COVERS 2. INLET COVERS 3. MANHOLES	1. MANHOLE COVERS 2. INLET COVERS 3. MANHOLES	1. MANHOLE COVERS 2. INLET COVERS 3. MANHOLES

WISDOT/CADDs SHEET 42

Addendum No. 03
ID 1130-64-72
Revised Sheet 911
December 5, 2024

STORM SEWER STRUCTURES CONTINUED												
611.3003 611.3004 611.3901 611.3902												
CATEGORY	LOCATION	STRUCTURE	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION	DEPTH FT	INLETS				COMMENTS
								3-FT DIAMETER EACH	4-FT DIAMETER EACH	MEDIAN 1 GRATE EACH	MEDIAN 2 GRATE EACH	
1000	1130-64-72 STAGE 1A											
R/L SB	666TX-S1	669+64.10	111.97		790.99	787.09	2.87	--	--	--	--	EXISTING STRUCTURE TO BE RECONSTRUCTED - CASTING ONLY EXISTING STRUCTURE TO BE RECONSTRUCTED - CASTING ONLY
ASB	EX 6721	220+03.75	00.55' RT		805.92	800.26	4.51	--	--	--	--	
ASB	EX 6722	220+04.45	12.68' RT		806.50	801.56	3.79	--	--	--	--	
STAGE 1A SUBTOTALS								0	0	0	0	
1000	1130-64-72 STAGE 1B											
R/L SB	6675-S1	665+97.49	89.87' RT		792.64	786.20	5.56	--	--	--	--	
R/L SB	6679-S1	667+00.00	89.87' RT		792.35	786.53	4.98	--	--	--	--	
R/L SB TEMP	6701BT-S1	674+44.65	29.99' RT	3	793.77	790.83	1.81	--	--	1	--	
R/L SB TEMP	6701T-S1	674+54.44	36.01' RT		793.80	790.80	1.88	--	--	1	--	
ASB	6714-S1	222+94.99	46.17' RT		813.70	807.72	5.17	--	1	--	--	
STAGE 1B SUBTOTALS								0	1	2	0	
1000	1130-64-72 STAGE 1C											
R/L SB	6496-S1	597+22.38	34.13' RT		798.07	791.88	5.31	--	--	--	--	
R/L SB	6665-S1	667+00.00	34.13' RT		792.55	786.70	5.01	--	--	--	--	
R/L SB	6670-S1	665+97.49	34.13' RT		792.84	786.45	5.51	--	--	--	--	
ASB	6713-S1	222+94.99	19.36' RT		814.23	808.25	5.17	--	1	--	--	
STAGE 1C SUBTOTALS								0	1	0	0	
STAGE 1 SUBTOTALS								0	2	2	0	
1000	1130-64-72 STAGE 2											
R/L SB	6003T-S2	578+85.36	24.77' RT		790.12	786.86	3.51	--	--	--	1	INSTALL AT 11 DEGREE ANGLE FROM R/L SB AND CONNECT CROSS-CULVERTS OFF-CENTER
R/L SB	6004T-S2	580+25.00	24.37' RT		788.70	787.66	2.23	--	--	1	--	
NLC	6112-S2	1581+59.72	11.95' RT		792.06	788.42	3.85	--	--	1	--	SLOPE: FLAT
R/L SB	6145-S2	602+19.79	63.00' LT		804.04	797.84	5.24	--	--	--	--	
R/L SB	6146-S2	603+18.46	53.64' LT		804.17	798.34	4.87	--	--	--	--	
R/L SB	6149A-S2	601+09.27	38.67' LT		802.65	798.28	3.34	--	--	--	--	
R/L SB	6149-S2	601+13.25	75.84' LT		804.37	798.17	5.24	--	--	--	--	
R/L SB	6298T-S2	605+06.91	28.61' RT		798.19	791.36	7.16	--	--	--	1	SLOPE: SINGLE
R/L SB	6408-S2	571+00.00	21.87' RT		798.08	790.35	6.81	--	--	--	--	
R/L SB	6409-S2	571+00.00	45.87' LT		797.64	791.55	5.11	--	--	--	--	
R/L SB	6411-S2	573+00.00	45.87' LT		794.11	788.99	4.14	--	--	--	--	
R/L SB	6412A-S2	572+29.06	21.87' RT		795.64	788.76	5.96	--	--	--	--	
R/L SB	6412T-S2	573+00.00	27.82' RT		790.60	788.66	2.15	--	--	--	1	
R/L SB	6412-S2	573+00.00	21.87' RT		794.55	787.89	5.74	--	--	--	--	
R/L SB	6421-S2	576+91.00	47.91' LT		790.83	786.71	3.14	--	--	--	--	
R/L SB	6422-S2	577+06.01	48.18' LT		790.82	786.66	3.20	--	--	--	--	
R/L SB	6430A-S2	576+30.00	15.00' RT		791.94	787.43	3.48	--	--	--	--	
R/L SB	6434A-S2	574+30.64	21.87' RT		792.98	787.24	4.82	--	--	--	--	
R/L SB	6434AT-S2	574+38.50	26.07' RT		788.12	787.27	2.04	--	--	--	1	
R/L SB	6438-S2	578+78.24	21.87' RT		792.11	786.82	4.37	--	--	--	--	
R/L SB	6446A-S2	579+13.86	30.40' LT		792.21	787.11	4.11	--	--	--	--	
R/L SB	6480-S2	593+00.00	16.00' RT		795.77	790.21	4.57	--	--	--	--	
R/L SB	6482-S2	593+00.00	21.87' RT		795.61	790.73	3.92	--	--	--	--	
R/L SB	6485-S2	594+11.70	21.87' RT		795.83	790.55	4.36	--	--	--	--	
R/L SB	6486-S2	596+52.30	21.87' RT		797.10	792.53	3.65	--	--	--	--	
PROJECT NO:	1130-64-72			COUNTY: OUTAGAMIE			MISCELLANEOUS QUANTITIES			SHEET 911		E
FILE NAME:	DRAWING.DWG			PLOT DATE: 10/16/2024 5:13 PM			PLOT BY: ELIZABETH REGER			PLOT NAME:		PLOT SCALE: 1"=1'
LAYOUT NAME:	01											W6507/C4005 SHEET 42

Addendum No. 03
ID 1130-64-72
Revised Sheet 912
December 5, 2024

STORM SEWER STRUCTURES																							
611.0530 611.0535 611.0606 611.0610 611.0612 611.0624 611.0642 611.0656 611.0666 SPV.0060.0230 611.2004 611.2005 611.2006 611.2007 611.2008																							
MANHOLE COVERS										INLET COVERS													
CATEGORY	LOCATION	STRUCTURE	STATION	OFFSET	RIM ELEVATION	INVERT	DEPTH	TYPE J		TYPE B		TYPE C		TYPE H		TYPE MS		TYPE VV-B		INLET COVERS		MANHOLES	
								TYPE J	SPECIAL	TYPE B	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
R/L SB	6492-S2	6492-S2	603+18.55	21.87 RT	800.71	793.39	6.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6493C-S2	6493C-S2	601+62.23	16.00 RT	800.08	793	6.17	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6493D1-S2	6493D1-S2	601+65.71	25.35 RT	797.34	794.63	2.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6493-S2	604+78.86	21.88 RT	801.57	793.79	793.79	6.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6495-S2	600+16.27	21.87 RT	799.07	792.64	792.64	5.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6495A-S2	598+56.22	16.00 RT	798.43	792.24	792.24	5.24	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6497-S2	597+22.64	21.87 RT	797.48	791.91	791.91	4.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6499A-S2	607+69.49	16.00 RT	803.35	794.51	794.51	7.93	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6499-S2	606+19.39	14.00 RT	802.66	794.14	794.14	7.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6501-S2	606+20.82	21.87 RT	802.34	795.71	795.71	5.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6502-S2	606+20.82	41.87 LT	805.18	798.90	798.90	5.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6504-S2	609+23.55	16.00 RT	803.79	794.89	794.89	7.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6505A-S2	613+81.89	16.00 RT	802.44	796.11	796.11	5.38	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6505-S2	612+25.77	21.87 RT	802.98	795.65	795.65	6.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6507-S2	612+25.72	41.87 LT	805.83	795.88	795.88	9.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6515-S2	615+32.73	41.88 LT	804.70	796.98	796.98	6.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6517-S2	615+91.58	41.87 LT	804.68	797.19	797.19	6.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6518-S2	615+66.59	41.87 LT	804.68	797.10	804.68	6.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6520-S2	615+32.73	21.87 RT	801.85	796.56	796.56	4.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6524-S2	615+66.57	21.87 RT	801.84	796.66	796.66	4.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6525-S2	615+91.59	21.87 RT	801.85	796.74	796.74	4.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6534-S2	619+94.16	44.10 LT	806.35	798.69	798.69	6.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6540T-S2	620+16.10	21.87 RT	801.62	798.27	798.27	3.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6540-S2	620+16.10	21.87 RT	803.70	798.30	798.30	4.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6542-S2	622+74.08	45.87 LT	807.95	802.04	802.04	5.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6544-S2	621+49.99	21.87 RT	804.49	798.70	798.70	4.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6545-S2	623+01.58	21.87 RT	805.38	799.15	799.15	5.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L NB	6546-S2	620+77.31	98.34 LT	807.05	800.36	800.36	5.74	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L NB	6547-S2	620+77.31	116.97 LT	803.64	800.92	800.92	2.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6550-S2	624+52.68	21.87 RT	806.27	799.60	799.60	5.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6554-S2	624+52.75	65.21 LT	803.92	801.25	801.25	2.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6555-S2	624+52.70	45.87 LT	809.00	801.16	801.16	6.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6556-S2	626+21.29	21.86 RT	807.26	800.19	800.19	6.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6560-S2	627+54.88	21.87 RT	808.05	800.79	800.79	6.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6561-S2	627+54.80	45.86 LT	810.78	804.46	804.46	5.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6565-S2	629+52.64	21.87 RT	809.07	801.58	801.58	6.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6568-S2	630+52.04	21.86 RT	809.33	802.44	802.44	5.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6570-S2	633+07.81	21.87 RT	809.16	801.77	801.77	6.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6571-S2	632+08.17	21.87 RT	809.37	802.48	802.48	5.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6575-S2	635+00.30	21.87 RT	808.30	800.81	800.81	6.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6576-S2	635+00.20	45.87 LT	811.03	804.71	804.71	5.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6579-S2	636+51.40	21.87 RT	807.52	800.04	800.04	6.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6580-S2	638+02.50	21.87 RT	806.74	799.28	799.28	6.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6581-S2	638+02.27	45.87 LT	809.47	803.15	803.15	5.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6585-S2	639+53.59	21.90 RT	805.96	798.52	798.52	6.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R/L SB	6590-S2	641+04.71	21.87 RT	805.18	797.25	797.25	7.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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6540T-S2

Addendum No. 03
ID 1130-64-72
Revised Sheet 913
December 5, 2024

STORM SEWER STRUCTURES CONTINUED											
611.3003 611.3004 611.3901 611.3902											
CATEGORY	LOCATION	STRUCTURE	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION	DEPTH FT	INLETS			
								3-FT DIAMETER EACH	4-FT DIAMETER EACH	MEDIAN 1 GRATE EACH	MEDIAN 2 GRATE EACH
R/L SB	6492-S2		603+18.55	21.87 RT	800.71	793.39	6.48	--	--	--	--
R/L SB	6493C-S2		601+62.23	16.00 RT	800.08	793	6.17	--	--	--	--
R/L SB	6493DT-S2		601+65.71	25.35 RT	797.34	794.63	2.92	--	1	--	--
R/L SB	6493-S2		604+78.86	21.88 RT	801.57	793.79	6.94	--	--	--	--
R/L SB	6495-S2		600+16.27	21.87 RT	799.07	792.64	5.59	--	--	--	--
R/L SB	6496A-S2		598+56.22	16.00 RT	798.43	792.24	5.24	--	--	--	--
R/L SB	6497-S2		597+22.64	21.87 RT	797.48	791.91	4.69	--	--	--	--
R/L SB	6499A-S2		607+69.49	16.00 RT	803.35	794.51	7.93	--	--	--	--
R/L SB	6499-S2		606+19.39	14.00 RT	802.66	794.14	7.61	--	--	--	--
R/L SB	6501-S2		606+20.82	21.87 RT	802.34	795.71	5.67	--	--	--	--
R/L SB	6502-S2		606+20.82	41.87 LT	805.18	798.30	5.32	--	--	--	--
R/L SB	6504-S2		609+23.55	16.00 RT	803.79	794.89	7.99	--	--	--	--
R/L SB	6505A-S2		613+81.89	16.00 RT	802.44	796.11	5.38	--	--	--	--
R/L SB	6505-S2		612+25.77	21.87 RT	802.98	795.65	6.49	--	--	--	--
R/L SB	6507-S2		612+25.72	41.87 LT	805.83	795.88	9.11	--	--	--	--
R/L SB	6515-S2		615+32.73	41.88 LT	804.70	796.98	6.88	--	--	--	--
R/L SB	6517-S2		615+91.58	41.87 LT	804.68	797.19	6.65	--	--	--	--
R/L SB	6518-S2		615+66.59	41.87 LT	804.68	797.10	6.74	--	--	--	--
R/L SB	6520-S2		615+32.73	21.87 RT	801.85	796.56	4.41	--	--	--	--
R/L SB	6524-S2		615+66.57	21.87 RT	801.84	796.66	4.22	--	--	--	--
R/L SB	6525-S2		615+91.59	21.87 RT	801.85	796.74	4.19	--	--	--	--
R/L SB	6534-S2		619+94.16	44.10 LT	806.35	798.69	6.82	--	--	--	--
R/L SB	6540-S2		620+16.10	21.87 RT	801.62	798.27	3.56	--	--	--	--
R/L SB	6542-S2		622+74.08	45.87 LT	807.95	802.04	5.03	--	--	--	--
R/L SB	6544-S2		621+49.99	21.87 RT	804.49	798.70	4.95	--	--	--	--
R/L SB	6545-S2		623+01.58	21.87 RT	805.38	799.15	5.31	--	--	--	--
R/L NB	6546-S2		620+77.31	98.34 LT	807.05	800.36	5.74	--	--	--	--
R/L NB	6547-S2		620+77.31	116.97 LT	803.64	800.92	2.97	--	--	--	--
R/L SB	6550-S2		624+52.68	21.87 RT	806.27	799.80	5.59	--	--	--	--
R/L SB	6554-S2		624+52.75	65.21 LT	803.92	801.25	2.88	--	1	--	--
R/L SB	6555-S2		624+52.70	45.87 LT	809.00	801.16	6.88	--	--	--	--
R/L SB	6556-S2		626+21.29	21.86 RT	807.26	800.19	6.15	--	--	--	--
R/L SB	6560-S2		627+54.88	21.87 RT	808.05	800.79	6.18	--	--	--	--
R/L SB	6561-S2		627+54.80	45.86 LT	810.78	804.46	5.36	--	--	--	--
R/L SB	6565-S2		629+52.64	21.87 RT	809.07	801.58	6.57	--	--	--	--
R/L SB	6568-S2		630+52.04	21.86 RT	809.33	802.44	5.97	--	--	--	--
R/L SB	6570-S2		633+07.81	21.87 RT	809.16	801.77	6.47	--	--	--	--
R/L SB	6571-S2		632+08.17	21.87 RT	809.37	802.48	5.97	--	--	--	--
R/L SB	6575-S2		635+00.30	21.87 RT	808.30	800.81	6.57	--	--	--	--
R/L SB	6576-S2		635+00.20	45.87 LT	811.03	804.71	5.36	--	--	--	--
R/L SB	6579-S2		638+51.40	21.87 RT	807.52	800.04	6.56	--	--	--	--
R/L SB	6580-S2		638+02.50	21.87 RT	806.74	799.28	6.54	--	--	--	--
R/L SB	6581-S2		638+02.27	45.87 LT	809.47	803.15	5.36	--	--	--	--
R/L SB	6585-S2		639+53.59	21.90 RT	805.96	798.52	6.52	--	--	--	--
R/L SB	6590-S2		641+04.71	21.87 RT	805.18	797.25	7.05	--	--	--	--

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WISDOT/CADD SHEET 42

3

FILE NAME :
DRAWING1.DWG
LAYOUT NAME - 01

WISDOT/CADD SHEET 42

PLOT SCALE: $T = 1^\circ$

PLOT NAME:

PLOT BY: ELIZABETH REGIER

Plot Date: 10/16/2024 5:13 PM

1074

FILE NAME : DRAWING1.DWG
LAYOUT NAME - 01

3

WISDOT/CADD SHEET 42

STORM SEWER PIPES CONTINUED									
608.2414 608.2419 608.2424 608.2429									
STORM SEWER PIPE REINFORCED CONCRETE									
HORIZONTAL ELLIPTICAL CLASS HE-IV									
CATEGORY	FROM	TO	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT	14X23-INCH 19X30-INCH 24X38-INCH 29X45-INCH	LF	LF	COMMENTS
	6438-S2	RS_31	786.83	786.81	0.0034	-	-	-	TO STA/OFF: SB 578+75.39, 27.15' RT
	6441-S2	6446A-S2	787.30	787.11	0.0041	-	-	-	TO STA/OFF: SB 578+84.22, 24.78' RT
	6446A-S2	6003T-S2	787.11	786.86	0.0040	-	-	-	
	6490-S2	RS_30-S2	790.21	790.04	0.0030	-	-	-	
3	6492-S2	6480-S2	790.73	790.71	0.0030	-	-	-	
	6485-S3	6480-S2	790.55	790.21	0.0030	-	-	-	
	6486-S2	6497-S2	792.53	792.32	0.0030	-	-	-	
	6492-S2	6493C-S2	793.39	793.00	0.0025	-	-	-	
	6493C-S2	6495-S2	793.00	792.64	0.0025	-	-	-	
	6493D1-S2	6493C-S2	794.63	794.50	0.0132	-	-	-	
	6493-S2	6492-S2	793.79	793.39	0.0025	-	-	-	
	6495-S2	6496A-S2	792.64	792.24	0.0025	-	-	159	
	6496A-S2	6497-S2	792.24	791.91	0.0025	-	-	133	
	6497-S2	6496-S1	791.91	791.88	0.0024	-	-	12	
	6499A-S2	6499-S2	794.51	794.14	0.0025	-	-	-	
	6499-S2	6493-S2	794.14	793.79	0.0025	-	-	-	
	6501-S2	6499-S2	795.71	795.64	0.0086	-	-	-	
	6502-S2	6499-S2	798.90	798.41	0.0445	-	-	-	
	6504-S2	6499A-S2	794.89	794.51	0.0025	-	-	-	
	6505A-S2	6505-S2	796.11	795.65	0.0030	-	-	155	
	6505-S2	6504-S2	795.65	794.90	0.0025	-	-	-	
	6507-S2	6505-S2	795.88	795.65	0.0036	-	-	-	
	6515-S2	6507-S2	796.98	795.88	0.0036	-	-	-	
	6517-S2	6518-S2	797.19	797.10	0.0035	-	-	-	
	6518-S2	6515-S2	797.10	796.98	0.0035	-	-	-	
	6519-S2	6517-S2	799.69	799.63	0.0046	-	-	-	
	6520-S2	6505A-S2	796.56	796.11	0.0030	-	-	150	
	6524-S2	6520-S2	796.66	796.56	0.0030	-	-	34	
	6525-S2	6524-S2	796.74	796.66	0.0030	-	-	25	
	6534-S2	RS_34-S2	798.69	798.02	0.0039	-	-	-	
	6540-S2	RS_25-S2	798.30	798.27	0.0030	-	-	8	
3	6540T-S2	RS_28-S2	798.27	798.24	0.0050	-	-	-	TEMPORARY CONNECTION UNTIL PIPE 6540RS_25 CAN BE BUILT
	6541-S2	6542-S2	802.74	802.54	0.0179	-	-	-	
	6542-S2	6546-S2	802.04	800.36	0.0106	-	-	-	
	6544-S2	6540T-S2	798.70	798.30	0.0030	-	-	133	
	6545-S2	6544-S2	799.15	798.70	0.0030	-	-	151	
	6546-S2	6534-S2	800.36	799.19	0.0084	-	-	-	
	6547-S2	6546-S2	800.92	800.87	0.0030	-	-	19	
	6550-S2	6545-S2	799.60	799.15	0.0030	-	-	150	
	6554-S2	6555-S2	801.25	801.16	0.0048	-	-	-	
	6555-S2	6550-S2	801.16	800.10	0.0156	-	-	-	
	6556-S2	6550-S2	800.19	799.60	0.0035	-	-	-	
	6560-S2	6556-S2	800.79	800.19	0.0045	-	-	-	
	6561-S2	6560-S2	804.46	801.70	0.0407	-	-	-	
	6565-S2	6560-S2	801.58	800.79	0.0040	-	-	-	
	6568-S2	6565-S2	802.44	801.58	0.0087	-	-	-	
	6570-S2	6575-S2	801.77	800.81	0.0050	-	-	-	
	6571-S2	6570-S2	802.48	801.77	0.0072	-	-	-	
	6575-S2	6579-S2	800.51	800.04	0.0051	-	-	-	
	6576-S2	6575-S2	804.71	801.95	0.0408	-	-	-	
	6579-S2	6580-S2	800.04	799.28	0.0051	-	-	-	
	6580-S2	6585-S2	799.28	798.52	0.0051	-	-	-	
	6581-S2	6580-S2	803.15	800.39	0.0408	-	-	-	
	6585-S2	6590-S2	798.52	797.75	0.0051	-	-	-	
	6590-S2	6594-S2	797.25	796.11	0.0051	-	-	-	
	6591-S2	6590-S2	801.59	798.83	0.0408	-	-	-	

Addendum No. 03
ID 1130-64-72
Revised Sheet 925
December 5, 2024

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FILE NAME: DRAWING1.DWG
PLOT DATE: 10/16/2024 5:13 PM
PLOT BY: ELIZABETH REGIER
PLOT NAME:
PLOT SCALE: 1" = 1'
WISDOT/CADD SHEET 42

Addendum No. 03
ID 1130-64-72
Revised Sheet 928
December 5, 2024

[illegible]

608.2414 608.2419 608.2424 608.2429									
STORM SEWER PIPES CONTINUED									
STORM SEWER PIPE REINFORCED CONCRETE									
HORIZONTAL ELLIPTICAL CLASS HE-IV									
CATEGORY	FROM	TO	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT	14X23-INCH LF	19X30-INCH LF	24X38-INCH LF	29X45-INCH LF
	6426-S3	6427-S3	786.44	786.40	0.0030	-	-	-	-
	6427A-S3	6427-S3	786.71	786.40	0.0088	-	-	-	-
	6427-S3	6426-S3	786.32	786.27	0.0030	-	-	-	-
	6431A-S3	6430A-S2	787.45	787.43	0.0035	-	15	-	-
	6432A-S3	6432B-S3	787.74	787.72	0.0030	-	-	-	-
	6432A1-S3	6432A-S3	787.63	787.73	0.0100	-	-	-	-
	6432B-S3	6431A-S3	787.72	787.70	0.0030	-	-	-	-
	6432-S3	6427A-S3	787.22	786.71	0.0088	-	-	-	-
	6433B-S3	6436-S3	787.62	787.60	0.0030	-	-	-	-
	6433-S3	6432-S3	787.26	787.22	0.0030	-	-	-	-
	6434-S3	6433-S3	787.33	787.26	0.0030	-	-	-	-
	6435A-S3	6434A-S2	787.79	787.74	0.0041	-	-	-	-
	6435-S3	6434-S3	787.45	787.33	0.0030	-	-	-	-
	6436-S3	6432-S3	787.35	787.22	0.0032	-	-	-	-
	6437-S3	6436-S3	787.42	787.35	0.0030	-	-	-	-
	6442-S2	6443-S3	789.39	789.36	0.0030	-	-	-	-
	6443-S3	6445-S3	788.61	787.33	0.0043	-	-	-	-
	6444-S3	6445-S3	788.12	788.08	0.0030	-	-	-	-
	6445-S3	6446-S3	787.33	786.82	0.0043	-	-	-	-
	6446-S3	RS_79-S3	786.62	786.77	0.0041	-	-	-	-
	6481A-S3	6482-S2	791.00	790.98	0.0030	-	-	-	-
	6481A-S3	6481A-S3	791.02	791.00	0.0030	-	-	-	-
	6482-S2	6482-S2	790.73	790.71	0.0030	-	-	-	-
	6484-S3	6485-S2	791.08	791.04	0.0030	-	-	-	-
	6487-S3	6486-S2	798.08	793.03	0.0041	-	-	-	-
	6491-S3	6492-S2	794.99	794.89	0.0082	-	-	-	-
	6494-S3	6495-S2	794.24	794.14	0.0082	-	-	-	-
	6502A-S3	6501-S2	796.14	795.96	0.0300	-	-	-	-
	6503-S3	6502A-S3	796.33	796.14	0.0300	-	-	-	-
	6508-S3	6506-S2	797.18	797.15	0.0030	-	-	-	-
	6521-S3	6520-S2	797.03	796.98	0.0041	-	-	-	-
	6522-S3	6521-S3	797.63	797.53	0.0030	-	-	-	-
	6523-S3	6522-S3	797.71	797.63	0.0030	-	-	-	-
	6524A-S2	6524-S2	797.85	797.83	0.0030	-	-	-	-
	6539A-S3	6540-S2	799.07	799.05	0.0036	-	-	-	-
	6539-S3	6539A-S3	799.10	799.07	0.0036	-	-	-	-
	6543-S3	6544-S2	799.30	799.20	0.0082	-	-	-	-
	6553-S3	6550-S2	799.64	799.60	0.0030	-	-	-	-
	6556A-S3	6560-S2	801.31	801.29	0.0030	-	-	-	-
	6567-S3	6566A-S3	801.33	801.31	0.0030	-	-	-	-
	6567-S3	6566-S2	802.11	802.08	0.0030	-	-	-	-
	6573-S3	6570-S2	802.30	802.27	0.0030	-	-	-	-
	6576-S3	6575-S2	801.35	801.31	0.0030	-	-	-	-
	6583-S3	6580-S2	799.81	799.78	0.0030	-	-	-	-
	6593-S3	6590-S2	798.29	798.25	0.0030	-	-	-	-
	6598-S3	6595-S2	796.61	796.58	0.0030	-	-	-	-
	6603-S3	6600-S2	794.40	794.37	0.0030	-	-	-	-
	6613-S3	6610-S2	792.76	792.71	0.0037	-	-	-	-
	6616-S3	6616-S2	792.12	792.08	0.0033	-	-	-	-
	6628A-S3	6628-S2	790.52	790.48	0.0030	-	-	-	-
	6629A-S3	6629-S2	791.20	791.18	0.0038	-	-	-	-
	6633-S3	6630-S2	789.37	789.33	0.0033	-	-	-	-
	6642-S3	6640-S2	788.97	788.93	0.0030	-	-	-	-
	6643A-S3	6644-S3	789.00	788.99	0.0030	-	-	-	-
	6643-S3	6643A-S3	789.02	789.00	0.0030	-	-	-	-

Addendum No. 03
ID 1130-64-72
Revised Sheet 929
December 5, 2024

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FILE NAME: DRAWING1.DWG
PLOT DATE: 10/16/2024 5:13 PM
PLOT BY: ELIZABETH REGIER
PLOT NAME: 1" = 1"
PLOT SCALE: 1" = 1"
WISDOT/CADD SHEET 42

Addendum No. 03
ID 1130-64-72
Revised Sheet 939
December 5, 2024

COVER PLATES

611.8120.S
COVER
PLATES
TEMPORARY
SPV.0060.0225
COVER
PLATES

CATEGORY	ROADWAY	STRUCTURE ID	EACH	NOTES
1000	1130-64-72 STAGE 1A			
	R/L SB	EX 6726	2	REMOVE IN STAGE 4
	STAGE 1A SUBTOTALS		2	0
1000	1130-64-72 STAGE 1B			
	R/L SB	6675-S1	2	REMOVE IN STAGE 4
	R/L SB	6679-S1	2	REMOVE IN STAGE 4
	STAGE 1B SUBTOTALS		4	0
1000	1130-64-72 STAGE 1C			
	R/L SB	6496-S1	2	REMOVE IN STAGE 4
	R/L SB	6665-S1	2	REMOVE IN STAGE 4
	R/L SB	6670-S1	2	REMOVE IN STAGE 4
	STAGE 1C SUBTOTALS		6	0
	STAGE 1 SUBTOTALS		12	0
1000	1130-64-72 STAGE 2			
	R/L SB	6408-S2	2	REMOVE IN STAGE 3
	R/L SB	6412A-S2	2	REMOVE IN STAGE 3
	R/L SB	6412-S2	2	REMOVE IN STAGE 3
	R/L SB	6430A-S2	2	REMOVE IN STAGE 3
	R/L SB	6434A-S2	2	REMOVE IN STAGE 3
	R/L SB	6438-S2	2	REMOVE IN STAGE 3
	R/L SB	6480-S2	2	REMOVE IN STAGE 3
	R/L SB	6482-S2	2	REMOVE IN STAGE 3
	R/L SB	6485-S2	2	REMOVE IN STAGE 3
	R/L SB	6486-S2	2	REMOVE IN STAGE 3
	R/L SB	6492-S2	2	REMOVE IN STAGE 3
	R/L SB	6492-S2	2	REMOVE IN STAGE 3
	R/L SB	6493C-S2	2	REMOVE IN STAGE 3
	R/L SB	6493-S2	2	REMOVE IN STAGE 3
	R/L SB	6495-S2	2	REMOVE IN STAGE 3
	R/L SB	6496A-S2	2	REMOVE IN STAGE 3
	R/L SB	6497-S2	2	REMOVE IN STAGE 3
	R/L SB	6499A-S2	2	REMOVE IN STAGE 3
	R/L SB	6499-S2	2	REMOVE IN STAGE 3
	R/L SB	6501-S2	2	REMOVE IN STAGE 3

611.8120.S
COVER
PLATES
TEMPORARY
SPV.0060.0225
COVER
PLATES

CATEGORY	ROADWAY	STRUCTURE ID	EACH	NOTES
1000	1130-64-72 STAGE 2 CONT.			
	R/L SB	6504-S2	2	REMOVE IN STAGE 3
	R/L SB	6505A-S2	2	REMOVE IN STAGE 3
	R/L SB	6505-S2	2	REMOVE IN STAGE 3
	R/L SB	6520-S2	2	REMOVE IN STAGE 3
	R/L SB	6524-S2	2	REMOVE IN STAGE 3
	R/L SB	6525-S2	2	REMOVE IN STAGE 3
	R/L SB	6540T-S2	2	REMOVE IN STAGE 2B
	R/L SB	6540-S2	2	REMOVE IN STAGE 3
	R/L SB	6544-S2	2	REMOVE IN STAGE 3
	R/L SB	6545-S2	2	REMOVE IN STAGE 3
	R/L SB	6556-S2	2	REMOVE IN STAGE 3
	R/L SB	6565-S2	2	REMOVE IN STAGE 3
	R/L SB	6568-S2	2	REMOVE IN STAGE 3
	R/L SB	6570-S2	2	REMOVE IN STAGE 3
	R/L SB	6571-S2	2	REMOVE IN STAGE 3
	R/L SB	6575-S2	2	REMOVE IN STAGE 3
	R/L SB	6579-S2	2	REMOVE IN STAGE 3
	R/L SB	6585-S2	2	REMOVE IN STAGE 3
	R/L SB	6590-S2	2	REMOVE IN STAGE 3
	R/L SB	6600-S2	2	REMOVE IN STAGE 3
	R/L SB	6620-S2	2	REMOVE IN STAGE 3
	R/L SB	6625-S2	2	REMOVE IN STAGE 3
	R/L SB	6629-S2	2	REMOVE IN STAGE 3
	R/L SB	6630-S2	2	REMOVE IN STAGE 3
	R/L SB	6634-S2	2	REMOVE IN STAGE 3
	R/L SB	6635-S2	2	REMOVE IN STAGE 3
	R/L SB	6640-S2	2	REMOVE IN STAGE 3
	R/L SB	6660-S2	2	REMOVE IN STAGE 3
	R/L SB	6661-S2	2	REMOVE IN STAGE 3
	R/L SB	6662-S2	2	REMOVE IN STAGE 3
	R/L SB	6663-S2	2	REMOVE IN STAGE 3
	R/L SB	6664-S2	2	REMOVE IN STAGE 3
	R/L SB	6691-S2	0	REMAIN IN PLACE FOR 1130-64-73
	R/L SB	6695-S2	0	REMAIN IN PLACE FOR 1130-64-73
	STAGE 2 SUBTOTALS		104	4

PROJECT NO: 1130-64-72

HWY: IH 41

COUNTY: OUTAGAMIE

MISCELLANEOUS QUANTITIES

SHEET

939

E

FILE NAME: DRAWING.DWG
LAYOUT NAME: 01

PLOT DATE: 10/16/2024 5:13 PM

PLOT BY: ELIZABETH REGER

PLOT NAME: 1"=1'

W65007C4005 SHEET 42

Addendum No. 03
ID 1130-64-72
Revised Sheet 940
December 5, 2024

COVER PLATES

611.8120.S
COVER
PLATES
TEMPORARY
SPV.0060.0225
COVER
PLATES
EACH

CATEGORY	ROADWAY	STRUCTURE ID	EACH	NOTES	
1000	1130-64-72 STAGE 3	R/L SB	6407-S3	2	REMOVE IN STAGE 4
		R/L SB	6412B-S3	1	REMOVE IN STAGE 4
		R/L SB	6413-S3	2	REMOVE IN STAGE 4
		R/L SB	6426-S3	2	REMOVE IN STAGE 4
		R/L SB	6427A-S3	2	REMOVE IN STAGE 4
		R/L SB	6427-S3	2	REMOVE IN STAGE 4
		R/L SB	6432A-S3	2	REMOVE IN STAGE 4
		R/L SB	6432B-S3	1	REMOVE IN STAGE 4
		R/L SB	6432-S3	2	REMOVE IN STAGE 4
		R/L SB	6433B-S3	1	REMOVE IN STAGE 4
		R/L SB	6433-S3	2	REMOVE IN STAGE 2
		R/L SB	6434-S3	2	REMOVE IN STAGE 3
		R/L SB	6435A-S3	2	REMOVE IN STAGE 4
		R/L SB	6436-S3	2	REMOVE IN STAGE 4
		R/L SB	6437-S3	2	REMOVE IN STAGE 4
		R/L SB	6443-S3	2	REMOVE IN STAGE 4
		R/L SB	6445-S3	2	REMOVE IN STAGE 4
		R/L SB	6446-S3	2	REMOVE IN STAGE 4
		R/L SB	6481A-S3	1	REMOVE IN STAGE 4
		R/L SB	6481-S3	2	REMOVE IN STAGE 4
		R/L SB	6484-S3	2	REMOVE IN STAGE 4
		R/L SB	6487-S3	2	REMOVE IN STAGE 4
		R/L SB	6491-S3	2	REMOVE IN STAGE 4
		R/L SB	6494-S3	2	REMOVE IN STAGE 4
		R/L SB	6502A-S3	1	REMOVE IN STAGE 4
		R/L SB	6503-S3	2	REMOVE IN STAGE 4
R/L SB	6508-S3	2	REMOVE IN STAGE 4		
R/L SB	6521-S3	2	REMOVE IN STAGE 4		
R/L SB	6522-S3	2	REMOVE IN STAGE 4		
R/L SB	6523-S3	2	REMOVE IN STAGE 4		

611.8120.S
COVER
PLATES
TEMPORARY
SPV.0060.0225
COVER
PLATES
EACH

CATEGORY	ROADWAY	STRUCTURE ID	EACH	NOTES	
1000	1130-64-72 STAGE 3 CONT.	R/L SB	6524A-S3	1	REMOVE IN STAGE 4
		R/L SB	6539A-S3	1	REMOVE IN STAGE 4
		R/L SB	6539-S3	2	REMOVE IN STAGE 4
		R/L SB	6543-S3	2	REMOVE IN STAGE 4
		R/L SB	6553-S3	2	REMOVE IN STAGE 4
		R/L SB	6556A-S3	1	REMOVE IN STAGE 4
		R/L SB	6563-S3	2	REMOVE IN STAGE 4
		R/L SB	6567-S3	2	REMOVE IN STAGE 4
		R/L SB	6573-S3	2	REMOVE IN STAGE 4
		R/L SB	6578-S3	2	REMOVE IN STAGE 4
		R/L SB	6583-S3	2	REMOVE IN STAGE 4
		R/L SB	6593-S3	2	REMOVE IN STAGE 4
		R/L SB	6598-S3	2	REMOVE IN STAGE 4
		R/L SB	6603-S3	2	REMOVE IN STAGE 4
		R/L SB	6613-S3	2	REMOVE IN STAGE 4
		R/L SB	6618-S3	2	REMOVE IN STAGE 4
		R/L SB	6628-S3	2	REMOVE IN STAGE 4
		R/L SB	6629A-S3	1	REMOVE IN STAGE 4
		R/L SB	6633-S3	2	REMOVE IN STAGE 4
		R/L SB	6642-S3	2	REMOVE IN STAGE 4
		R/L SB	6643A-S3	1	REMOVE IN STAGE 4
		R/L SB	6643-S3	2	REMOVE IN STAGE 4
		R/L SB	6666-S3	2	REMOVE IN STAGE 4
		R/L SB	6667-S3	2	REMOVE IN STAGE 4
		R/L SB	6668-S3	2	REMOVE IN STAGE 4
		R/L SB	6669A-S3	1	REMOVE IN STAGE 4
R/L SB	6669-S3	1	REMOVE IN STAGE 4		
R/L SB	6690-S3	0	REMAIN IN PLACE FOR 1130-64-73		
R/L SB	6696-S3	0	REMAIN IN PLACE FOR 1130-64-73		
STAGE 3 SUBTOTALS			102	4	
1130-64-72 TOTALS			218	8	

PROJECT NO: 1130-64-72

HWY: IH 41

COUNTY: OUTAGAMIE

MISCELLANEOUS QUANTITIES

SHEET

940

E

FILE NAME: DRAWING.DWG
LAYOUT NAME: 01

PLOT DATE: 10/16/2024 5:13 PM

PLOT BY: ELIZABETH REGER

PLOT SCALE: 1"=1'

W65007C4005 SHEET 42

RECONSTRUCTING AND ADJUSTING STRUCTURES													
CATEGORY	LOCATION	STRUCTURE ID	STATION	OFFSET	TEMPORARY TOP OF STRUCTURE ELEVATION	PROPOSED RIM TO ELEVATION	611.0420 RECONSTRUCTING MANHOLES EACH	611.0430 INLETS EACH	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.0275 STRUCTURE LIDS EACH	NOTES	
1000	1130-64-72 STAGE 1A												
	ASB	EX 6721	220+03.75	00.49' RT	805.73	805.87	--	1	--	--	--	EST. 3-FT DIAMETER** EST. 3-FT DIAMETER**	
	ASB	EX 6722	220+04.45	12.93' RT	805.99	806.31	--	1	--	--	--		
	STAGE 1A SUBTOTALS												
	STAGE 1 SUBTOTALS												
1000	1130-64-72 STAGE 2												
	R/L SB	6496-S2	597+22.38	34.13' RT	795.67	798.07	1	--	--	--	--	5-FT DIAMETER 5-FT DIAMETER 5-FT DIAMETER 5-FT DIAMETER 5-FT DIAMETER	
	R/L SB	EX 6323	616+91.07	42.55' LT	802.04	804.75	1	--	--	--	--		
	R/L SB	EX 6324	618+17.75	42.54' LT	802.49	805.28	1	--	--	--	--		
	R/L SB	EX 6455	588+94.05	33.87' LT	792.31	793.72	1	--	--	--	--		
R/L SB	EX 6458	589+62.22	33.87' LT	792.47	793.80	1	--	--	--	--			
R/L SB	EX 6459	589+24.45	33.87' LT	792.36	793.74	1	--	--	--	--	5-FT DIAMETER		
STAGE 2 SUBTOTALS							6	0	0	0	5	3	
1000	1130-64-72 STAGE 3												
	R/L SB	6408-S2	571+00.00	21.87' RT	793.60	798.08	1	--	--	--	--	5-FT DIAMETER 5-FT DIAMETER 5-FT DIAMETER 5-FT DIAMETER 5-FT DIAMETER	
	R/L SB	6412A-S2	572+29.06	21.87' RT	792.02	795.64	1	--	--	--	--		
	R/L SB	6412-S2	573+00.00	21.87' RT	791.15	794.55	1	--	--	--	--		
	R/L SB	6430A-S2	576+30.00	15.00' RT	790.14	791.94	1	--	--	--	--		
R/L SB	6434A-S2	574+30.64	21.87' RT	790.49	792.99	1	--	--	--	--			
R/L SB	6438-S2	576+78.24	21.87' RT	790.08	792.11	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6480-S2	593+00.00	16.00' RT	793.45	795.77	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6482-S2	593+00.00	21.87' RT	793.43	795.61	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6485-S2	594+11.70	21.87' RT	793.79	795.83	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6486-S2	596+52.30	21.87' RT	795.40	797.10	--	--	1	--	--	5-FT DIAMETER		
R/L SB	6492-S2	603+18.55	21.87' RT	797.72	800.71	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6493C-S2	601+62.23	16.00' RT	797.34	800.09	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6493-S2	604+78.86	21.88' RT	798.19	801.57	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6495-S2	600+16.27	21.87' RT	796.97	799.07	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6496A-S2	598+56.22	16.00' RT	796.03	798.43	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6497-S2	597+22.64	21.87' RT	795.70	797.48	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6499A-S2	607+69.49	16.00' RT	800.49	803.35	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6499-S2	606+19.39	14.00' RT	799.84	802.66	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6501-S2	606+20.82	21.87' RT	798.42	802.34	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6504-S2	609+23.55	16.00' RT	800.92	803.79	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6505A-S2	613+81.89	16.00' RT	800.69	802.44	--	--	1	--	--	5-FT DIAMETER		
R/L SB	6505-S2	612+25.77	21.87' RT	799.98	802.98	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6520-S2	615+32.73	21.87' RT	800.36	801.85	--	--	1	--	--	5-FT DIAMETER		
R/L SB	6524-S2	615+66.57	21.87' RT	800.46	801.84	--	--	1	--	--	5-FT DIAMETER		
R/L SB	6525-S2	615+91.59	21.87' RT	800.52	801.85	--	--	1	--	--	5-FT DIAMETER		
R/L SB	6540-S2	620+16.10	21.87' RT	801.62	803.70	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6544-S2	621+49.99	21.87' RT	802.02	804.49	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6545-S2	623+01.58	21.87' RT	804.05	805.38	--	--	1	--	--	5-FT DIAMETER		
R/L SB	6550-S2*	624+52.68	21.87' RT	804.54	806.27	1	--	--	--	--	5-FT DIAMETER		
R/L SB	6556-S2	626+21.29	21.86' RT	804.20	807.26	1	--	--	--	--	5-FT DIAMETER		

PROJECT NO: 1130-64-72

DRAWING: DWG.

COUNTY: OUTAGAMIE

HWY: IH 41

MISCELLANEOUS QUANTITIES

ELIZABETH REGER

PILOT SCALE

1" = 1'

SHEET

941

Revised Sheet 941

December 5, 2024

Addendum No. 03
ID 1130-64-72
Revised Sheet 941
December 5, 2024

Addendum No. 03
ID 1130-64-72
Revised Sheet 942
December 5, 2024

RECONSTRUCTING AND ADJUSTING STRUCTURES

CATEGORY	LOCATION	STRUCTURE ID	STATION	OFFSET	TEMPORARY		PROPOSED		RECONSTRUCTING		611.0430		611.8110		611.8115		NOTES
					TOP OF STRUCTURE ELEVATION	TO ELEVATION	RIM	MANHOLES	INLETS	RECONSTRUCTING COVERS	ADJUSTING MANHOLE COVERS	ADJUSTING INLET COVERS	ADJUSTING MANHOLE COVERS	ADJUSTING INLET COVERS	ADJUSTING INLET COVERS	ADJUSTING INLET COVERS	
	R/L SB	6580-S2*	627+54.88	21.87' RT	806.38		808.05	1	-	-	-	-	-	-	-	-	SPV.0060.0275 STRUCTURE LIDS EACH
	R/L SB	6585-S2	629+52.64	21.87' RT	806.03		809.07	1	-	-	-	-	-	-	-	-	
	R/L SB	6586-S2	630+52.04	21.86' RT	806.40		809.33	1	-	-	-	-	-	-	-	-	
	R/L SB	6570-S2	633+07.81	21.87' RT	806.48		809.16	1	-	-	-	-	-	-	-	-	
	R/L SB	6571-S2	632+08.17	21.87' RT	806.06		809.37	1	-	-	-	-	-	-	-	-	3
	R/L SB	6575-S2	635+00.30	21.87' RT	805.73		808.30	1	-	-	-	-	-	-	-	-	
	R/L SB	6579-S2	636+51.40	21.87' RT	804.85		807.52	1	-	-	-	-	-	-	-	-	
	R/L SB	6580-S2	638+02.50	21.87' RT	803.96		806.74	1	-	-	-	-	-	-	-	-	
	R/L SB	6585-S2	639+53.59	21.90' RT	803.04		805.96	1	-	-	-	-	-	-	-	-	3
	R/L SB	6590-S2	641+04.71	21.87' RT	802.18		805.18	1	-	-	-	-	-	-	-	-	
	R/L SB	6594-S2	643+32.60	21.87' RT	801.24		804.00	1	-	-	-	-	-	-	-	-	
	R/L SB	6595-S2*	644+37.12	21.87' RT	802.06		803.47	-	-	-	1	-	-	-	-	-	
	R/L SB	6599-S2	646+08.38	21.87' RT	799.33		802.58	1	-	-	-	-	-	-	-	-	3
	R/L SB	6600-S2	647+79.61	21.87' RT	798.37		801.70	1	-	-	-	-	-	-	-	-	
	R/L SB	6605-S2	649+45.84	21.87' RT	797.43		800.84	1	-	-	-	-	-	-	-	-	
	R/L SB	6610-S2*	651+12.00	21.87' RT	798.11		799.98	1	-	-	-	-	-	-	-	-	
	R/L SB	6614-S2	652+63.14	21.87' RT	795.90		799.20	1	-	-	-	-	-	-	-	-	3
	R/L SB	6615-S2	654+10.04	21.87' RT	796.65		798.64	1	-	-	-	-	-	-	-	-	
	R/L SB	6620-S2	655+54.50	21.87' RT	794.36		798.20	1	-	-	-	-	-	-	-	-	
	R/L SB	6625-S2	656+94.49	21.87' RT	793.82		797.48	1	-	-	-	-	-	-	-	-	
	R/L SB	6629-S2	658+44.42	21.87' RT	793.46		796.71	1	-	-	-	-	-	-	-	-	3
	R/L SB	6630-S2	659+94.49	21.87' RT	792.67		795.93	1	-	-	-	-	-	-	-	-	
	R/L SB	6634-S2	659+00.00	15.07' RT	795.28		796.61	-	-	-	1	-	-	-	-	-	
	R/L SB	6635-S2	661+44.50	21.87' RT	792.22		795.16	1	-	-	-	-	-	-	-	-	
	R/L SB	6640-S2	662+94.53	21.87' RT	791.77		794.38	1	-	-	-	-	-	-	-	-	3
	R/L SB	6660-S2	665+97.49	21.87' RT	790.30		792.84	1	-	-	-	-	-	-	-	-	
	R/L SB	6661-S2	667+87.12	21.88' RT	791.17		792.50	-	-	-	1	-	-	-	-	-	
	R/L SB	6662-S2	667+62.12	21.86' RT	791.17		792.50	-	-	-	1	-	-	-	-	-	
	R/L SB	6663-S2	667+39.64	21.87' RT	791.17		792.50	-	-	-	1	-	-	-	-	-	3
	R/L SB	6664-S2	667+00.00	21.87' RT	791.07		792.55	-	-	-	1	-	-	-	-	-	
	R/L SB	EX 6328	617+50.71	41.93' RT	800.99		803.05	1	-	-	-	-	-	-	-	-	
	R/L SB	EX 6329	618+82.61	41.88' RT	801.38		803.87	1	-	-	-	-	-	-	-	-	
	R/L SB	EX 6451	586+97.96	21.87' RT	792.17		794.51	1	-	-	-	-	-	-	-	-	3
	R/L SB	EX 6453	588+74.46	21.87' RT	792.62		793.93	1	-	-	-	-	-	-	-	-	
	R/L SB	EX 6454	588+94.07	21.87' RT	792.59		793.92	1	-	-	-	-	-	-	-	-	
	R/L SB	EX 6456	588+94.07	28.00' RT	792.15		793.39	-	-	-	1	-	-	-	-	-	
	R/L SB	EX 6470	589+24.48	21.87' RT	792.49		793.94	1	-	-	-	-	-	-	-	-	3
	R/L SB	EX 6472	589+62.22	21.87' RT	792.60		794.00	1	-	-	-	-	-	-	-	-	
	R/L SB	EX 6475	589+62.23	15.00' RT	792.62		794.20	1	-	-	-	-	-	-	-	-	
	R/L SB	EX 6477	592+33.71	21.87' RT	793.37		795.34	1	-	-	-	-	-	-	-	-	
	R/L SB	EX 6478	592+33.69	15.80' RT	793.43		795.50	1	-	-	-	-	-	-	-	-	3
	R/L SB	EX 6527	617+05.65	21.87' RT	800.20		802.05	-	-	-	1	-	-	-	-	-	
	ASB	EX 6721	220+03.75	00.49' RT	805.87		805.83	-	-	-	1	-	-	-	-	-	
	ASB	EX 6722	220+04.45	12.93' RT	806.31		806.28	-	-	-	1	-	-	-	-	-	
STAGE 3 SUBTOTALS								58	3		13	0				12	

RECONSTRUCTING AND ADJUSTING STRUCTURES												
CATEGORY	LOCATION	STRUCTURE ID	STATION	OFFSET	TEMPORARY TOP OF STRUCTURE ELEVATION	PROPOSED RIM TO ELEVATION	611.0420 RECONSTRUCTING MANHOLES EACH	611.0430 INLETS EACH	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.0275 STRUCTURE LIDS EACH	
											NOTES	
1000	1130-64-72 STAGE 4											
	R/L SB	6407-S3	571+00.00	34.13' RT	793.72	797.82	1	-	-	-	-	-
	R/L SB	6412B-S3	572+29.08	28.00' RT	793.90	795.23	-	-	-	1	-	-
	R/L SB	6413-S3	573+00.00	34.13' RT	791.28	794.43	1	-	-	-	-	-
	R/L SB	6426-S3	576+25.07	114.95' RT	789.67	791.00	-	-	1	-	-	-
	R/L SB	6427A-S3	576+57.56	84.59' RT	789.61	791.56	1	-	-	-	-	-
	R/L SB	6427-S3	576+40.03	115.94' RT	789.60	790.93	-	-	1	-	-	-
	R/L SB	6432A-S3	576+30.01	34.13' RT	790.17	791.67	-	-	1	-	-	-
	R/L SB	6432B-S3	576+30.00	28.00' RT	790.11	791.41	-	-	-	1	-	-
	R/L SB	6432-S3	576+85.49	34.13' RT	789.94	791.55	-	-	1	-	-	-
	R/L SB	6433B-S3	577+24.96	28.00' RT	789.93	791.26	-	-	-	1	-	-
	R/L SB	6435A-S3	574+30.31	34.13' RT	790.07	792.92	1	-	-	-	-	-
	R/L SB	6436-S3	577+25.40	34.13' RT	790.19	791.52	-	-	1	-	-	-
	R/L SB	6437-S3	577+50.50	34.13' RT	790.20	791.53	-	-	-	-	-	-
	R/L SB	6443-S3*	583+00.00	34.13' RT	792.80	793.98	1	-	-	-	-	-
	R/L SB	6445-S3	580+00.00	34.13' RT	790.58	792.51	1	-	-	-	-	-
	R/L SB	6446-S3*	578+79.20	34.13' RT	791.10	791.90	1	-	-	-	-	-
	R/L SB	6481A-S3	593+00.00	28.00' RT	795.04	795.31	-	1	-	-	-	-
	R/L SB	6481-S3	593+00.00	34.13' RT	794.24	795.57	-	-	1	-	-	-
	R/L SB	6484-S3	594+11.75	34.13' RT	794.02	796.51	1	-	-	-	-	-
	R/L SB	6487-S3	596+52.30	34.13' RT	795.41	797.73	1	-	-	-	-	-
	R/L SB	6491-S3*	603+18.55	34.13' RT	796.83	801.01	1	-	-	-	-	-
	R/L SB	6494-S3	600+16.27	34.13' RT	796.95	799.52	-	-	1	-	-	-
	R/L SB	6502A-S3	606+20.82	28.00' RT	800.16	802.03	-	1	-	-	-	-
	R/L SB	6503-S3	606+20.82	34.13' RT	798.55	802.50	1	-	-	-	-	-
	R/L SB	6508-S3	612+25.77	34.13' RT	799.89	803.00	1	-	-	-	-	-
	R/L SB	6521-S3	615+32.72	34.13' RT	800.28	802.21	1	-	-	-	-	-
	R/L SB	6522-S3	614+98.87	33.00' RT	800.84	802.17	-	-	1	-	-	-
	R/L SB	6523-S3	614+73.49	34.13' RT	800.88	802.21	-	-	1	-	-	-
	R/L SB	6524A-S3	615+66.57	28.00' RT	801.30	801.52	-	1	-	-	-	-
	R/L SB	6539A-S3	620+19.53	28.00' RT	803.30	803.40	-	1	-	-	-	-
	R/L SB	6539-S3	620+22.98	34.13' RT	803.31	804.64	-	-	1	-	-	-
	R/L SB	6543-S3	621+50.01	34.13' RT	804.12	805.45	-	-	1	-	-	-
	R/L SB	6553-S3	624+52.68	34.13' RT	806.06	807.39	-	-	1	-	-	-
	R/L SB	6556A-S3	627+54.88	28.00' RT	805.54	806.95	-	1	-	-	-	-
	R/L SB	6563-S3	627+54.88	34.13' RT	807.99	809.32	-	-	1	-	-	-
	R/L SB	6567-S3	629+52.64	34.00' RT	808.90	810.40	-	-	1	-	-	-
	R/L SB	6573-S3	633+07.81	34.13' RT	809.20	810.53	-	-	1	-	-	-
	R/L SB	6576-S3	635+00.30	34.13' RT	808.18	809.67	-	-	1	-	-	-
	R/L SB	6583-S3	638+02.50	34.13' RT	806.61	808.13	-	-	1	-	-	-
	R/L SB	6593-S3	641+04.71	34.13' RT	805.26	806.59	-	-	1	-	-	-
	R/L SB	6598-S3	644+37.12	34.13' RT	803.33	804.90	-	-	1	-	-	-
	R/L SB	6603-S3	647+79.63	34.13' RT	801.56	803.15	-	-	1	-	-	-
	R/L SB	6613-S3	651+12.03	34.13' RT	799.81	801.46	-	-	1	-	-	-
	R/L SB	6618-S3	654+09.91	34.13' RT	797.88	799.75	1	-	-	-	-	-
	R/L SB	6628-S3*	656+94.48	34.13' RT	794.77	797.53	1	-	-	-	-	-

3

SPV.0060.0275
STRUCTURE
LIDS
EACH

NOTES

3

Revised Sheet 943
December 5, 2024

1130-64-72

PROJECT NO: 1130-64-72	COUNTY: OUTAGAMIE	MISCELLANEOUS QUANTITIES	E
FILE NAME: DRAWING.DWG LAYOUT NAME: 101	PLOT DATE: 10/26/2024 5:13 PM	PLOT BY: ELIZABETH RESER	SHEET 943
HWY: IH 41		PLOT NAME: 1"=1'	WISDOT/CADDS SHEET 42

Addendum No. 03
ID 1130-64-72
Revised Sheet 943
December 5, 2024

TEMPORARY	611.0420	611.0430
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***EXISTING STRUCTURE SIZE ESTIMATED FROM AS-BUILT AND SURVEY INFORMATION

W

Addendum No. 03
ID 1130-64-72
Revised Sheet 945
December 5, 2024

RECONNECT STORM SEWER

CATEGORY	ROADWAY	STRUCTURE ID	STATION	OFFSET	EACH	NOTES
1000	1130-64-72 STAGE 1A	R/L SB	RS_23-S1	669+58.11	112.35 RT	1
		STAGE 1A SUBTOTALS				
		TEMPORARY CONNECTION TO EXISTING				
1000	1130-64-72 STAGE 1B	R/L SB	RS_21-S1	586+97.96	98.85 RT	1
		R/L SB	RS_22-S1	620+14.64	107.87 RT	1
		STAGE 1B SUBTOTALS				
						TEMPORARY CONNECTION TO EXISTING
1000	1130-64-72 STAGE 1C	R/L SB	6713-S1	668+62.70	184.64 RT	1
		ASB	EX 6716	223+28.50	60.15 RT	1
		R/L SB	RS_102-S1	665+97.49	66.75 RT	1
	STAGE 1C SUBTOTALS	R/L SB	RS_103-S1	667+00.00	65.56 RT	1
		STAGE 1C SUBTOTALS				
		STAGE 1 SUBTOTALS				
1000	1130-64-72 STAGE 2	R/L SB	6438-S2	578+78.24	21.87 RT	1
		R/L SB	6505A-S2	613+81.89	16.00 RT	1
		R/L SB	6540T-S2	620+16.10	21.87 RT	1
						OUTLET TO EXISTING IN STAGE 2A
	STAGE 2 SUBTOTALS	R/L SB	6540-S2	620+16.10	21.87 RT	2
		R/L SB	6660-S2	665+97.49	21.87 RT	1
		R/L SB	6664-S2	667+00.00	21.87 RT	1
						TEMPORARY CONNECTION TO EXISTING
	STAGE 2 SUBTOTALS	R/L SB	EX 6526	617+18.33	34.13 RT	1
		R/L SB	RS_24-S2	616+97.60	21.98 RT	1
		R/L SB	RS_25-S2	620+08.16	23.20 RT	1
	STAGE 2 SUBTOTALS	R/L SB	RS_28-S2	620+16.01	29.44 RT	1
		R/L SB	RS_29-S2	578+79.20	34.13 RT	1
		R/L SB	RS_30-S2	592+41.69	15.78 RT	1
	STAGE 2 SUBTOTALS	R/L SB	RS_31-S2	578+75.39	27.15 RT	1
		R/L SB	RS_32-S2	616+83.16	42.40 RT	1
		R/L SB	RS_34-S2	618+25.66	42.43 RT	1
	STAGE 2 SUBTOTALS	R/L SB	RS_36-S2	670+26.75	23.00 RT	1
		STAGE 2 SUBTOTALS				
		CONNECTION TO BOX CULVERT				
1000	1130-64-72 STAGE 3	R/L SB	6408-S2	571+00.00	21.87 RT	1
		R/L SB	6412A-S2	572+28.06	21.87 RT	1
		R/L SB	6412-S2	573+00.00	21.87 RT	1
	STAGE 3 SUBTOTALS	R/L SB	6430A-S2	576+30.00	15.00 RT	1
		R/L SB	6433-S2	576+85.49	21.87 RT	1
		STAGE 3 SUBTOTALS				

RECONNECT STORM SEWER

CATEGORY	ROADWAY	STRUCTURE ID	STATION	OFFSET	RECONNECT STORM SEWER EACH	NOTES
1000	1130-64-72	STAGE 4A				
		R/L SB	6427A-S3	576+57.56	84.59' RT	1
		R/L SB	6679-S1	667+00.00	89.87' RT	1
		R/L SB	RS_80-S4	578+40.46	92.06' RT	1
		R/L SB	RS_81-S4	578+47.53	93.09' RT	1
		R/L SB	RS_83-S4	571+00.00	44.00' RT	1
		R/L SB	RS_84-S4	573+00.00	44.00' RT	1
		R/L SB	RS_86-S4	578+66.32	44.00' RT	1
		R/L SB	RS_87-S4	578+73.90	44.00' RT	1
		R/L SB	RS_88-S4	624+52.68	44.00' RT	1
		R/L SB	RS_89-S4	627+54.88	44.00' RT	1
		R/L SB	RS_90-S4	629+52.63	44.00' RT	1
		R/L SB	RS_91-S4	633+07.81	44.00' RT	1
		R/L SB	RS_92-S4	635+00.30	44.00' RT	1
		R/L SB	RS_93-S4	638+02.50	44.00' RT	1
		R/L SB	RS_94-S4	641+04.71	44.00' RT	1
		R/L SB	RS_95-S4	644+37.12	44.00' RT	1
		R/L SB	RS_96-S4	647+79.63	44.00' RT	1
		R/L SB	RS_97-S4	651+12.03	44.00' RT	1
		R/L SB	RS_98-S4	654+09.85	44.00' RT	1
		R/L SB	RS_99-S4	656+94.48	44.00' RT	1
		R/L SB	RS_100-S4	659+94.49	44.00' RT	1
		R/L SB	RS_101-S4	662+94.52	44.00' RT	1
		R/L SB	RS_104-S4	670+47.13	44.00' RT	1
STAGE 4A SUBTOTALS						23

CATEGORY	ROADWAY	STRUCTURE ID	STATION	OFFSET	STORM SEWER EACH	NOTES
1000	1130-64-72	STAGE 4B				
		R/L SB	RS_80-S4	578+40.46	92.06' RT	1
		R/L SB	RS_81-S4	578+47.53	93.09' RT	1
		R/L SB	RS_105-S4	624+52.68	68.00' RT	1
		R/L SB	RS_106-S4	627+54.88	68.00' RT	1
		R/L SB	RS_107-S4	629+52.62	68.00' RT	1
		R/L SB	RS_108-S4	633+07.83	68.00' RT	1
		R/L SB	RS_109-S4	635+00.30	68.00' RT	1
		R/L SB	RS_110-S4	638+02.48	68.00' RT	1
		R/L SB	RS_111-S4	641+04.71	68.00' RT	1
		R/L SB	RS_112-S4	644+37.12	68.00' RT	1
		R/L SB	RS_113-S4	647+79.62	68.00' RT	1
		R/L SB	RS_114-S4	651+12.03	68.00' RT	1
		R/L SB	RS_115-S4	654+09.71	68.00' RT	1
		R/L SB	RS_116-S4	656+94.48	68.00' RT	1
		R/L SB	RS_117-S4	659+94.49	68.00' RT	1
		R/L SB	RS_118-S4	662+94.51	68.00' RT	1
		R/L SB	RS_119-S4	670+47.11	68.00' RT	1
		STAGE 4B SUBTOTALS			17	
		STAGE 4 SUBTOTALS			40	
		1130-64-72 TOTALS			109	

Addendum No. 03
ID 1130-64-72
Revised Sheet 946
December 5, 2024

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SPV.0060.0210 SPV.0060.0240
STORM SEWER SEALING STORM
PLUG STRUCTURE

CATEGORY	ROADWAY	STATION	OFFSET	EACH	EACH	NOTES
1000	1130-64-72 STAGE 2 CONT.					
	R/L SB	64+104.71	21.87' RT	1	--	STRUCTURE
	R/L SB	644+37.12	21.87' RT	1	--	STRUCTURE
	R/L SB	647+79.61	21.87' RT	1	--	STRUCTURE
	R/L SB	651+12.00	21.87' RT	1	--	STRUCTURE
	R/L SB	654+10.04	21.87' RT	1	--	STRUCTURE
	R/L SB	656+94.49	21.87' RT	1	--	STRUCTURE
	R/L SB	658+44.42	21.87' RT	1	--	STRUCTURE
	R/L SB	659+94.49	21.87' RT	1	--	STRUCTURE
	R/L SB	662+94.53	21.87' RT	1	--	STRUCTURE
	R/L SB	665+58.98	21.87' RT	1	--	STRUCTURE
	R/L SB	670+47.13	21.87' RT	1	--	STRUCTURE
	R/L SB	673+19.82	21.87' RT	1	--	STRUCTURE
	R/L SB	673+27.81	23.34' RT	1	--	PIPE
	R/L SB TEMP	674+44.65	29.99' RT	--	1	STRUCTURE
	STAGE 2 SUBTOTALS			36	2	
1000	1130-64-72 STAGE 3					
	R/L SB	571+100.00	44.00' RT	1	--	PIPE
	R/L SB	573+00.00	44.00' RT	1	--	PIPE
	R/L SB	574+30.64	21.87' RT	--	1	STRUCTURE
	R/L SB	576+57.56	84.59' RT	1	--	STRUCTURE
	R/L SB	578+66.32	44.00' RT	1	--	PIPE
	R/L SB	578+73.90	44.00' RT	1	--	PIPE
	R/L SB	601+62.23	16.00' RT	--	1	STRUCTURE
	R/L SB	609+23.55	16.00' RT	--	1	STRUCTURE
	R/L SB	617+18.33	34.13' RT	--	1	STRUCTURE
	R/L SB	624+52.68	44.00' RT	1	--	PIPE
	R/L SB	627+54.88	44.00' RT	1	--	PIPE
	R/L SB	629+52.63	44.00' RT	1	--	PIPE
	R/L SB	633+07.81	44.00' RT	1	--	PIPE
	R/L SB	635+00.30	44.00' RT	1	--	PIPE
	R/L SB	638+02.50	44.00' RT	1	--	PIPE
	R/L SB	641+04.71	44.00' RT	1	--	PIPE
	R/L SB	644+37.12	44.00' RT	1	--	PIPE
	R/L SB	647+79.63	44.00' RT	1	--	PIPE
	R/L SB	651+12.03	44.00' RT	1	--	PIPE
	R/L SB	654+09.85	44.00' RT	1	--	PIPE
	R/L SB	656+94.48	44.00' RT	1	--	PIPE
	R/L SB	659+00.00	15.07' RT	--	1	STRUCTURE
	R/L SB	659+94.49	44.00' RT	1	--	PIPE
	R/L SB	662+94.52	44.00' RT	1	--	PIPE
	R/L SB	667+00.00	21.87' RT	--	1	STRUCTURE
	R/L SB	667+87.12	21.87' RT	--	1	STRUCTURE
	R/L SB	670+47.13	44.00' RT	1	--	PIPE
	STAGE 3 SUBTOTALS			20	7	

PROJECT NO: 1130-64-72	HWY: IH 41	COUNTY: OUTAGAMIE	MISCELLANEOUS QUANTITIES	E
FILE NAME: DRAWING.DWG		PLLOT DATE: 10/16/2024 5:13 PM	PLLOT BY: ELIZABETH REISER	PLLOT NAME: 1" = 1'
LAYOUT NAME: -01		WSDOT/CADD SHEET 42		

$$I^* = I$$

PLOT NAME :

PLOT BY: ELIZABETH REGIER

10/16/2024 5:13 PM

PLOT DATE :

GMC

DRAWING1.DWG

STORM SEWER PLUG/SEALING STORM STRUCTURE

SPV.0060.0210 SPV.0060.0240
STORM SEWER SEALING STORM
PLUG STRUCTURE

SPV.0060.0210 SPV.0060.0240
STORM SEWER SEALING STORM
PLUG STRUCTURE

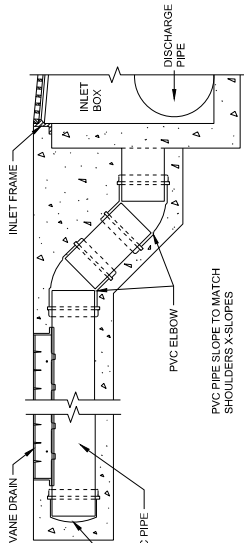
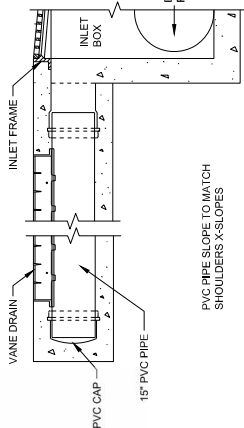
CATEGORY	ROADWAY	STATION	OFFSET	EACH	EACH	NOTES
1000 1130-64-72 STAGE 4A						
	R/L SB	624+52.88	68.00' RT	1	-	PIPE
	R/L SB	627+54.88	68.00' RT	1	-	PIPE
	R/L SB	629+52.62	68.00' RT	1	-	PIPE
	R/L SB	633+07.83	68.00' RT	1	-	PIPE
	R/L SB	635+00.30	68.00' RT	1	-	PIPE
	R/L SB	638+02.48	68.00' RT	1	-	PIPE
	R/L SB	641+04.71	68.00' RT	1	-	PIPE
	R/L SB	644+37.12	68.00' RT	1	-	PIPE
	R/L SB	647+79.62	68.00' RT	1	-	PIPE
	R/L SB	651+12.03	68.00' RT	1	-	PIPE
	R/L SB	654+09.71	68.00' RT	1	-	PIPE
	R/L SB	656+94.48	68.00' RT	1	-	PIPE
	R/L SB	659+94.49	68.00' RT	1	-	PIPE
	R/L SB	662+94.51	68.00' RT	1	-	PIPE
	R/L SB	670+47.11	68.00' RT	1	-	PIPE
	R/L SB TEMP	674+54.44	36.01' RT	--	1	STRUCTURE
STAGE 4A SUBTOTALS				15	1	

CATEGORY	ROADWAY	STATION	OFFSET	EACH	EACH	NOTES
1000 1130-64-72 STAGE 4B						
	R/L SB	576+30.01	34.13' RT	--	1	STRUCTURE
	R/L SB	577+50.50	34.13' RT	--	1	STRUCTURE
	R/L SB	656+94.48	34.13' RT	--	1	STRUCTURE
	R/L SB	665+97.49	34.13' RT	--	1	STRUCTURE
STAGE 4B SUBTOTALS				0	4	
STAGE 4 SUBTOTALS				15	5	
1130-64-72 TOTALS				81	15	

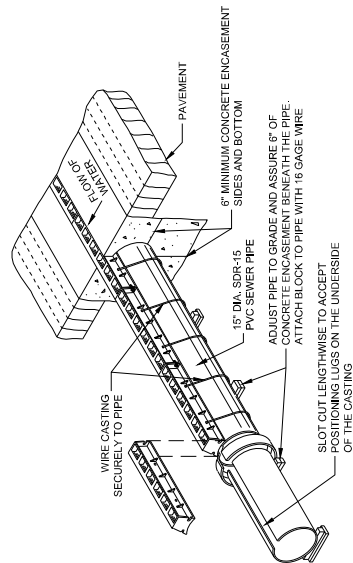
Addendum No. 03
ID 1130-64-72
Revised Sheet 948
December 5, 2024



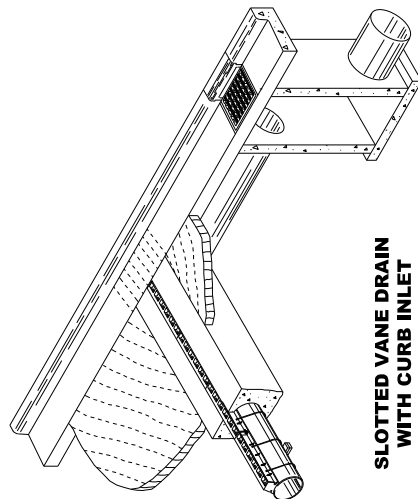
SDD 08D14 Slotted Vane Drain



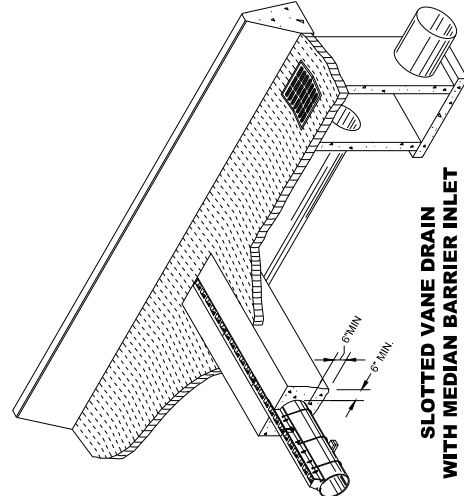
TYPICAL SLOTTED VANE DRAIN CONFIGURATIONS



INSTALLATION OF SLOTTED VANE DRAIN



**SLOTTED VANE DRAIN
WITH CURB INLET**



**SLOTTED VANE DRAIN
WITH MEDIAN BARRIER INLET**

GENERAL NOTES

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

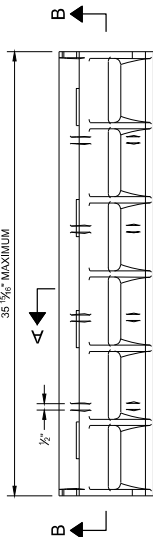
ENCASEMENT: FURNISH GRADE A CONCRETE CONFORMING TO STANDARD SPECIFICATION 601 AS MODIFIED IN STANDARD SPECIFICATION 716. PROVIDE CMP FOR CLASS II ANCHLARY CONCRETE PER STANDARD SPECIFICATION 716. ALL TYPING SHALL BE IN ACCORD WITH STANDARD SPECIFICATION 7104(6). IS ALLOWED AND MAY BE REQUIRED BY THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE PIPE USED SHALL BE A 15" DIAMETER SDR-35 POLYVINYL CHLORIDE SEWER PIPE. THE PIPE SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN STANDARD SPECIFICATION 612.2.6

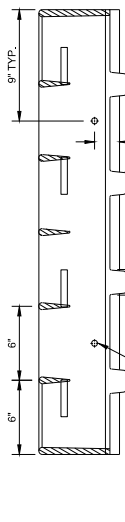
SURFACE DRAIN: BEFORE PAVING OVER THE DRAIN, COVER THE TOP OF THE DRAIN TO KEEP MATERIAL OUT OF THE PIPE. THE FINISHED GRADE SHOULD BE FLUSH WITH THE TOP OF THE DRAIN.

THE ANGLE OF THE DRAIN TO THE FLOW OF WATER SHOULD BE AS CLOSE TO 90° AS POSSIBLE.

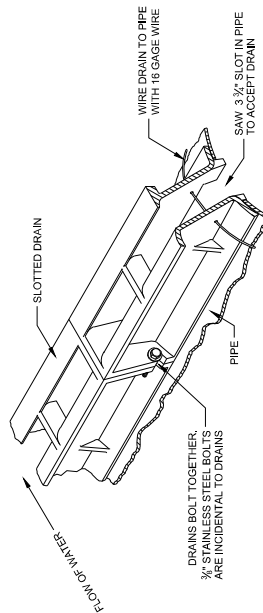
35 1/8" MAXIMUM



SLOTTED VANE DRAIN DETAIL (APPROXIMATE WEIGHT 87 LBS.)



SECTION B - B



ISOMETRIC VIEW SLOTTED VANE DRAIN DETAIL

SLOTTED VANE DRAIN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE
MAY 2022
BY
R. Rodney Taylor
ROADWAY STRUCTURES DEVELOPMENT
DIVISION

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	S. APPR. SLAB	S. ABUT.	PIER 1	PIER 2	N. ABUT.	N. APPR. SLAB	SUPER	TOTAL
203.0220.0803	REMOVING STRUCTURE B-44-161	EACH	-	-	-	-	-	-	-	1
203.0330.0801	DEBRIS CONTAINMENT B-44-339	EACH	-	-	-	-	-	-	-	1
206.1001.0803	EXCAVATION FOR STRUCTURES BRIDGES B-44-339	EACH	-	-	-	-	-	-	-	1
305.0120	BASE/AGGREGATE DEPTH 1.1/1.1-INCH	TON	-	-	-	-	-	-	-	640
501.1000.5	ICE HOT WEATHER CONCRETING	LB	809	1429	1029	1033	1415	809	5057	11380
502.0100	CONCRETE MASONRY BRIDGES	CY	27.4	190.5	137.2	137.7	188.6	27.4	-	709
502.3101	EXPANSION DEVICE	LF	-	109	-	-	109	-	-	218
502.3200	PROTECTIVE SURFACE TREATMENT	SF	196	-	-	-	-	195	1,820	2,211
502.3210	PIGMENTED SURFACE SEALER	SF	22	-	-	-	-	22	253	297
503.0146	PRESTRESSED GIRDER TYPE 45W-INCH	LF	-	-	-	-	-	-	1,789	1,789
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	-	7,760	2,860	2,860	8,230	-	-	21,710
505.0400	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	-	19,320	3,750	21,660	3,500	19,380	157,210	246,560
505.0800.5	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	-	-	-	-	-	-	2,550	2,550
506.2605	BEARING PADES ELASTOMERIC NON-LAMINATED	EACH	-	-	-	-	-	-	-	32
506.2610	BEARING PADES ELASTOMERIC LAMINATED	EACH	-	-	-	-	-	-	-	16
506.4000.0803	STEEL DIAPHRAGMS B-44-339	EACH	-	-	-	-	-	-	-	28
511.1200.0803	TEMPORARY SHORING B-44-339	SF	-	-	-	-	-	-	-	6,900
513.2001	RAILING PIPE	LF	7	-	-	-	-	-	-	14
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SF	-	-	-	-	-	-	-	36
550.0020	PRE-BORING ROCK OR CONSOLIDATED MATERIALS	LF	-	-	-	-	-	-	-	2534
550.0500	PILE POINTS	EACH	-	532	840	630	532	-	-	112
550.1120	PIILING STEEL HP 12-INCH X 53 LB	LF	-	770	1,890	1,470	700	-	-	4,830
604.0600	SLOPE PAVING SELECT CRUSHED MATERIAL	SF	-	744	-	-	880	-	-	1,624
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	-	120	-	-	120	-	-	240
652.0125	FENCE TRACK CLEARANCE	LF	-	140	-	-	140	-	-	280
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	45	-	-	-	-	45	380	470
653.0222	JUNCTION BOXES 1.8X12X6-INCH	LF	-	-	-	-	-	-	2	2
SPV.0035.0800	HPC MASONRY STRUCTURES	CY	80.5	-	-	-	-	80.5	674.2	835
SPV.0040.0800	ABUTMENT ANCHORAGE	LF	-	109	-	-	109	-	-	218
SPV.0165.0800	LONGITUDINAL GROOVING BRIDGE DECK	SF	-	-	-	-	-	-	16,380	16,380
	NON-BID ITEMS									
	NAME PLATE	EACH	-	-	-	-	-	-	-	1
	PREFORMED JOINT FILLER	SIZE	-	-	-	-	-	-	-	1/2", 1", 2"
	EXPANDED POLYSTYRENE	SIZE	-	-	-	-	-	-	-	1"
	SIZE 2 COARSE AGGREGATE	SIZE	-	-	-	-	-	-	-	1"

ALL ITEMS ARE CATEGORY 200

GENERAL NOTES

- G1. DRAWINGS SHALL NOT BE SCALED.
- G2. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
- G3. COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE REFERENCE SYSTEM (WIGRS). OUTAGAME COUNTY NAD83 (2011). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD 83 (2022).
- G4. THE UTILITY AND STORM SEWER INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN SURVEYING AND FIELD VERIFICATION OF ALL UTILITIES AND STORM SEWERS AS MAY BE NECESSARY TO AVOID DAMAGE.
- G5. THE EXISTING BRIDGE B-44-161 IS A 3 SPAN CONTINUOUS STEEL GIRDER STRUCTURE. THE STRUCTURE WILL BE REMOVED AND PAID FOR UNDER "REMOVING STRUCTURE B-44-161". LENGTH IS 214'-11 1/2" BACK TO BACK OF ABUTMENTS. WIDTH IS 62'-0" OUT TO OUT.
- G6. THE CONTRACTOR MUST COORDINATE THE REMOVAL OF EXISTING STRUCTURE B-44-161 AND CONSTRUCTION OF THE BRIDGE B-44-339 WITH RETAINING WALLS R-44-52 AND R-44-53.
- G7. SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF JOINT FILLER WITH NON-STAINING NON-ASPHALTIC JOINT SEALER (1-INCH DEEP AND HOLD 1/2" BELOW SURFACE OF THE CONCRETE), COLOR TO MATCH ADJACENT SURFACES.
- G8. THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PROTECTIVE MATERIAL TO THE EXTENT SHOWN ON "GENERAL PLAN AND ELEVATION" SHEET.
- G9. CONTRACTOR MUST COORDINATE THE REMOVAL OF TEMPORARY SHORING WITH LIGHTING TO VERIFY NO CONFLICTS.

EXCAVATION NOTES

- E1. THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-44-339" SHALL BE THE EXISTING GROUNDLINE.

RAILROAD NOTES

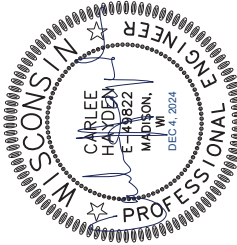
- R1. THE PROPOSED GRADE SEPARATION PROJECT SHALL NOT CHANGE THE QUANTITY OR CHARACTERISTICS OF THE FLOW IN THE RAILROAD'S DITCHES AND/OR DRAINAGE STRUCTURES.
- R2. ALL SHORING SYSTEMS THAT IMPACT THE RAILROAD'S OPERATIONS AND/OR SUPPORTS THE RAILROAD'S EMBANKMENT SHALL BE DESIGNED AND CONSTRUCTED PER CURRENT RAILROAD GUIDELINES FOR TEMPORARY SHORING.
- R3. WITH THE RAILROAD'S DEMOLITION GUIDELINES.
- R4. ERECTION OVER THE RAILROAD'S RIGHT-OF-WAY SHALL BE DESIGNED TO CAUSE NO OBSTRUCTION TO RAILROAD OPERATIONS. THE TRACKS TO REMAIN OPEN TO TRAFFIC PER THE RAILROAD'S REQUIREMENTS.
- R5. ALL PERSONNEL MUST CLEAR THE AREA WITHIN 25 FEET OF THE TRACK CENTERLINE AND SECURE ALL EQUIPMENT WHEN TRAINS ARE PRESENT WITHIN THE WORKZONE.
- R6. ALL PERMANENT CLEARANCES SHALL BE VERIFIED BEFORE PROJECT CLOSEOUT.
- R7. THE CONTRACTOR MUST SUBMIT A PROPOSED METHOD OF EROSION AND SEDIMENT CONTROL AND HAVE THE METHOD APPROVED BY THE RAILROAD PRIOR TO BEGINNING ANY GRADING ON THE PROJECT.
- R8. TEMPORARY CONSTRUCTION CLEARANCES, INCLUDING FALSE-WORK CLEARANCES, SHALL COMPLY WITH THE MINIMUM CONSTRUCTION CLEARANCE ENVELOPE AS STATED IN THE STANDARD SPECIFICATIONS.
- R9. FOR RAILROAD COORDINATION REFER TO THE RAILROAD'S COORDINATION REQUIREMENTS AS PART OF THE PROJECT SPECIAL PROVISIONS.

BACKFILL NOTES

- B1. (UNFACTORED) SUPERSTRUCTURE LATERAL LOADS TRANSFERRED TO THE ABUTMENT SHALL BE USED FOR THE DESIGN OF THE ABUTMENT ANCHORAGE BY THE MSE MANUFACTURER (MSE SYSTEM, DEAD MAN ANCHOR, OTHER). ALL LOADS ARE REPORTED PERPENDICULAR TO THE ABUTMENT BACKWALL. THE FOLLOWING BR = 0.57 ALF WL = 0.57 ALF WL = 0.57 ALF WL = 0.57 ALF
- B2. DESIGN THE ABUTMENT ANCHORAGE SYSTEM ASSUMING THE PILES PROVIDE NO LATERAL RESISTANCE. THE PILES ARE ASSUMED TO CARRY ONLY THE VERTICAL LOADS OF THE CAST-IN-PLACE ABUTMENT DEAD LOAD AND THE SUPERSTRUCTURE LOADS.
- B3. MINIMUM REQUIRED STRAP LENGTH FOR ABUTMENT ANCHORAGE = 0.7 TIMES THE HEIGHT OF THE ABUTMENT OR 8' MIN. HEIGHT IS DEFINED AS PAVEMENT GRADE MINUS BOTTOM OF THE ABUTMENT. THIS HEIGHT IS NOT EQUAL TO THE VERTICAL PAY LIMIT. SEE ABUTMENT DETAILS SHEETS FOR VERTICAL LIMITS.
- B4. SOIL REINFORCEMENT MUST EXTEND A MINIMUM OF 3.0 FEET BEYOND THE FAILURE PLANE FOR INTERNAL STABILITY AS DEFINED BY AASHTO SPECIFICATIONS.
- B5. THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN PLANS, DETAILS, AND SHOP DRAWINGS FOR THE ABUTMENT ANCHORAGE SYSTEM. THE CONTRACTOR SHALL PROVIDE THE MSE WALL MANUFACTURER WITH THE SPECIAL PROVISIONS AND ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS IS INCLUDED IN THE BID ITEM "ABUTMENT ANCHORAGE".
- B6. THE COST OF FURNISHING AND PLACING MSE BACKFILL WITHIN THE REINFORCED SOIL ZONE IS TO BE INCLUDED IN THE BID ITEM "ABUTMENT ANCHORAGE".
- B7. ABUTMENTS TO BE BACKFILLED TO A MINIMUM OF THE BEAM SEAT ELEVATION PRIOR TO PLACING GIRDERS.
- B8. THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-44-339" AT THE PIERS AND ABUTMENTS SHALL BE THE EXISTING GROUNDLINE.

CONCRETE NOTES

- C1. BAR EXPOSED EDGES OF CONCRETE 1/2" UNLESS OTHERWISE NOTED.
- C2. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
- C3. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
- C4. PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF DECK AND APPROACH SLAB SURFACES AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES.
- C5. PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS, INCLUDING PARAPETS ON APPROACH SLABS.
- C6. THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "45W" PRESTRESSED GIRDER DETAILS" SHEET.
- C7. CONCRETE IN THE FOLLOWING COMPONENTS TO BE PAID FOR AS "HPC MASONRY STRUCTURES":
 - DECK SLAB, INCLUDING HAUNCHES
 - ABUTMENT DIAPHRAGMS AND PIER DIAPHRAGMS
 - PARAPETS ON BRIDGE AND ON STRUCTURAL APPROACH SLABS (NOT THE APPROACH SLAB FOOTINGS)
 - STRUCTURAL APPROACH SLABS (NOT THE APPROACH SLAB FOOTINGS)
- C8. LONGITUDINAL GROOVING TO BE PLACED ONLY BETWEEN BRIDGE PARAPETS.



12/05/24

DESIGN DATA

LIVE LOAD: HL-93
DESIGN LOADING: HL-93
OPERATING BATING: RF = 1.85
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)
STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:
CONCRETE MASONRY:
SUPERSTRUCTURE & STRUCTURAL APPROACH SLAB $f'_c = 4,000$ PSI
ALL OTHER $f'_c = 3,500$ PSI
BAR STEEL REINFORCEMENT
GRADE 60 $f_y = 60,000$ PSI
STAINLESS, GRADE 60 $f_y = 60,000$ PSI
45W* PRESTRESSED GIRDERS:
CONCRETE MASONRY STRANDS, 0.6" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 P.S.I.
STRUCTURAL CARBON STEEL:
ASTM A709, GRADE 36 $f_y = 36,000$ PSI
STEEL PILING:
ASTM A572, GRADE 50 $f_y = 50,000$ PSI

TRAFFIC DATA

HA 41 MB
AADT = 34,600 (2020)
AADT = 43,940 (2045)
RDS = 75 MPH

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON HP-24S3 PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 220 TONS** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED 55'-0" LONG., N. ABUT.
ESTIMATED 45'-0" LONG., S. ABUT.
PIER TO BE SUPPORTED ON HP-24S3 PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 220 TONS** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA.
ESTIMATED 45'-0" LONG., S. ABUT.
ESTIMATED 35'-0" LONG., PIER 2
**THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE PILE CAPACITY.
PRE-BORE TO REQUIRED ELEVATION THEN DRIVE TO REQUIRED DRIVING RESISTANCE PER THE CRITERIA PROVIDED IN THE GEOTECHNICAL REPORT.
BACKFILL PIER PRE-BORED WITH CEMENT GROUT TO BOTTOM OF PIER CAP ELEVATIONS.

STATE PROJECT NUMBER
1130-64-87

Addendum No. 03
ID 1130-64-72
Revised Sheet 1347
December 5, 2024

STATION	TOP OF WALL	FINISHED GRADE	EXISTING GROUND
10+00.00	788.50	787.60	783.51
10+25.00	794.85	787.60	785.45
10+50.00	801.19	787.60	786.45
10+65.00	805.00	787.60	784.96
10+75.00	805.06	787.60	784.95
11+00.00	805.24	787.60	785.79
11+25.00	805.30	787.60	786.04
11+50.00	805.48	787.60	786.04
11+75.00	805.62	787.60	785.63
12+00.00	805.76	787.60	785.51
12+25.00	805.90	787.60	785.13
12+50.00	806.04	787.60	785.13
12+75.00	806.18	787.60	785.24
13+00.00	806.32	787.60	785.28
13+25.00	806.47	787.60	786.24
13+50.00	806.61	787.60	787.04
13+75.00	806.75	787.60	787.47
14+00.00	806.89	787.60	788.10
14+25.00	807.03	787.60	788.11
14+50.00	807.17	787.60	788.19
14+75.00	807.31	787.60	788.19
15+00.00	807.45	787.60	788.20
15+25.00	807.59	787.60	788.29
15+50.00	807.73	787.60	788.00
15+75.00	807.87	787.60	787.84
16+00.00	808.01	787.60	787.94
16+25.00	808.16	787.41	786.86
16+50.00	808.30	787.21	785.30
16+75.00	808.44	787.02	783.68
17+00.00	808.58	786.83	783.90
17+25.00	808.72	786.63	784.29
17+50.00	808.86	786.44	784.31
17+75.00	809.00	786.24	784.17
18+00.00	808.53	786.05	783.59
18+25.00	808.06	785.86	783.20
18+50.00	807.59	785.66	782.06
18+75.00	807.13	785.47	782.39
19+00.00	806.66	785.28	781.06
19+25.00	806.19	785.08	780.43
19+50.00	805.72	784.89	780.95
19+75.00	805.25	784.69	781.49
20+00.00	804.78	784.50	781.91
20+25.00	804.31	784.45	781.85
20+50.00	803.84	784.40	781.88
20+75.00	803.38	784.34	781.84
20+95.00	803.30	784.30	781.81
21+00.00	802.79	784.29	781.60
21+25.00	802.73	784.24	781.00
21+50.00	802.67	784.18	780.49
21+75.00	799.61	784.13	779.72
22+00.00	798.55	784.08	779.42
22+25.00	797.49	784.03	779.26
22+50.00	796.42	783.97	779.07
22+75.00	795.36	783.92	779.15
23+00.00	794.30	783.87	779.40
23+25.00	793.24	783.82	779.49
23+50.00	792.18	783.76	779.27
23+75.00	791.12	783.71	779.01
24+00.00	790.06	783.66	778.56
24+25.00	789.00	783.61	778.32
24+50.00	788.75	783.55	777.51
24+75.00	788.50	783.50	776.76

DIMENSIONS									
WALL STATION RANGES	10+00 TO 14+00	14+00 TO 18+00 (1552WIND+00)	18+00 TO 22+25 (15+00WIND+00) INCLUSION SUPPORT	22+25 TO 22+75 (15+00WIND+00) INCLUSION SUPPORT	22+75 TO 23+75 (15+00WIND+00) INCLUSION SUPPORT	23+75 TO 24+75 (15+00WIND+00) INCLUSION SUPPORT			
BOILING USED	WIND-06	WIND-04, WIND-102VS, WIND-103VS	WIND-01, WIND-02	WIND-01, WIND-02	WIND-01, WIND-02	WIND-01, WIND-02			
WALL HEIGHT (FEET)	22.3	25.5	16.5	16.5	10.4	10.4			
EXPOSED WALL HEIGHT (FEET)	19.3	22.5	13.5	13.5	7.4	7.4			
MINIMUM LENGTH OF REINFORCEMENT/WALL WIDTH (FEET)	24.5	23	17	17	11	11			
REINFORCEMENT LENGTH/RETAINED HEIGHT RATIO	0.87	1.14	-	-	-	-			
CAPACITY TO DEMAND RATIO (CDR) - EXTERNAL STABILITY									
SLIDING	1.48	1.01	1.39	1.39	1.39	1.39			
ECCENTRICITY	2.95	2.65	2.43	2.15	2.15	2.15			
BEARING RESISTANCE	1.03	1.00	1.69	1.69	2.58	2.58			
FACTORED BEARING RESISTANCE (PSF)	5,697	5,448	5,012	5,012	4,973	4,973			
CAPACITY TO DEMAND RATIO (CDR) - GLOBAL STABILITY									
END OF CONSTRUCTION	1.42	1.03	1.17	1.17	1.25	1.25			
LONG TERM	1.00	1.00	1.00	1.00	1.00	1.00			

(T02) MINIMUM SLIDING CDR PROVIDED BETWEEN BOTTOM OF WALL INTERFACE, BOTTOM OF LOAD TRANSFER PLATFORM INTERFACE, OR BOTTOM OF CAP INTERFACE.

12/05/24

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALL IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-44-28".

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN IN THESE PLANS.

DESIGN RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 240 PSF.

FROM WALL STATION 16+50 TO 22+00, SOIL REINFORCEMENT MAY NEED TO BE DEFLECTED VERTICALLY, UP TO A MAXIMUM OF 15", AT THE TOP OF THE MSE ZONE TO AVOID CONFLICTS WITH THE ROADWAY PAVEMENT. COORDINATE WITH THE ROADWAY PLANS PRIOR TO PLACEMENT OF STRAPS AT THE TOP OF THE MSE ZONE.

MSE WALL PANELS SHALL BE 5' X 5' ONLY.

DESIGN SPECIFICATION:
AASHTO LRFD DESIGN SPECIFICATIONS, 9TH EDITION, 2020 WITH INTERIM REVISIONS,
UNLESS OTHERWISE NOTED.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

CONCRETE MASONRY: _____ $f'_c = 3,500$ PSI
MSE WALL COPING AND LEVELING PAD _____ $f'_c = 4,000$ PSI
PRECAST CONCRETE WALL PANELS _____ $F_c = 60,000$ PSI
BAR STEEL REINFORCEMENT, GRADE 60 _____ $F_y = 60,000$ PSI

ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION, THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-44-28".





MSE WALL PANELS SHALL BE 5' X 5' ONLY.

DESIGN SPECIFICATION:
AASHTO LRFD DESIGN SPECIFICATIONS, 9TH EDITION, 2020 WITH INTERIM REVISIONS,
UNLESS OTHERWISE NOTED.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

8

8

1130-64-71

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

DRAWN BY	EJ	PLANS CK'D J
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WALL GEOMETRY & DESIGN DATA

SHEET 5

1486
5

SCALE = 1.0

FILE NAME: C:\USERS\YGILLIE\NDC\ACDCOS\WISDOT\11306301\PROJECT FILES\DSGN\111306471\STR\16-44-0028\SHEET5(08-3003_DD_A0D3.DWG
LAYOUT NAME: WALL_GEO

S/L NB - CTHA NB TRAVEL LANES

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)					
			CUT	FILL	MARSH EXC	EBS	CUT	FILL	MARSH EXC	EBS	CUT	EXPANDED FILL	EXPANDED MARSH BACKFILL	EXPANDED EBS BACKFILL	MASS ORDNATE
221+00 AH	22100.00	0.00	45.95	1.00	0.00	0.00	0	0	0	0	0	0	0	0	0
221+44.48	22144.48	44.48	46.03	0.93	0.00	0.00	76	2	0	0	0	2	0	0	74
221+50.00	22150.00	5.52	46.05	0.95	0.00	0.00	9	0	0	0	9	2	0	0	83
221+69.48	22169.48	19.48	45.34	1.07	0.00	0.00	33	1	0	0	42	3	0	0	115
222+00.00	22200.00	30.52	42.75	1.87	0.00	0.00	50	2	0	0	92	5	0	0	163
222+19.48	22219.48	19.48	40.65	2.14	0.00	0.00	30	1	0	0	122	6	0	0	192
222+50.00	22250.00	30.52	40.64	1.32	0.00	0.00	46	2	0	0	168	8	0	0	236
223+00.00	22300.00	50.00	38.23	2.27	0.00	0.00	73	3	0	0	241	11	0	0	306
223+49 BK	22324.42	24.42	36.18	8.26	0.00	0.00	34	5	0	0	275	16	0	0	335
225+61 AH	22561.00	0.00	38.25	3.25	0.00	0.00	0	0	0	0	275	16	0	0	335
225+86 BK	22586.00	25.00	39.75	3.75	0.00	0.00	36	3	0	0	311	19	0	0	368

Addendum No. 03
ID 1130-64-72
Added Sheet 1649A
December 5, 2024

Addendum No. 03
ID 1130-64-72
Added Sheet 1649B
December 5, 2024

R/L NB - CTHA SB TRAVEL LANES

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)			
			CUT	FILL	MARSH EXC	EBS	CUT	FILL	MARSH EXC	EBS	CUT	EXPANDED FILL	EXPANDED MARSH BACKFILL	EXPANDED EBS BACKFILL
221+00 AH	22100.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0
221+44.48	22144.48	44.48	41.35	0.00	0.00	0.00	34	0	0	0	0	0	0	0
221+50.00	22150.00	5.52	41.35	0.00	0.00	0.00	8	0	0	0	8	0	0	0
221+69.48	22169.48	19.48	41.64	0.00	0.00	0.00	30	0	0	0	38	0	0	0
222+00.00	22200.00	30.52	40.52	0.00	0.00	0.00	46	0	0	0	84	0	0	0
222+19.48	22219.48	19.48	39.18	0.00	0.00	0.00	29	0	0	0	113	0	0	0
222+50.00	22250.00	30.52	40.13	0.00	0.00	0.00	45	0	0	0	158	0	0	0
223+00.00	22300.00	50	36.36	0.00	0.00	0.00	71	0	0	0	229	0	0	0
223+49 BK	22324.42	24.42	42.23	0.00	0.00	0.00	36	0	0	0	265	0	0	0
225+61 AH	22561.00	0	38.25	0.00	0.00	0.00	0	0	0	0	265	0	0	0
225+86 BK	22586.00	25	37.80	0.00	0.00	0.00	35	0	0	0	300	0	0	0
							334	0	0	0				



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Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	528.000 STA	_____.	_____.
0004	201.0205 Grubbing	528.000 STA	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	3.000 EACH	_____.	_____.
0008	203.0220 Removing Structure (structure) 0001. 4' x 2.5' Box Culvert, STA 578+94 SB	1.000 EACH	_____.	_____.
0010	203.0220 Removing Structure (structure) 0802. Removing Structure C-44-0015	1.000 EACH	_____.	_____.
0012	203.0220 Removing Structure (structure) 0803. Removing Structure B-44-161	1.000 EACH	_____.	_____.
0014	203.0220 Removing Structure (structure) 0804. Removing Structure B-44-162	1.000 EACH	_____.	_____.
0016	203.0330 Debris Containment (structure) 0901. B-44-0339	1.000 EACH	_____.	_____.
0018	203.0330 Debris Containment (structure) 0902. B-44-0340	1.000 EACH	_____.	_____.
0020	204.0100 Removing Concrete Pavement	106,100.000 SY	_____.	_____.
0022	204.0115 Removing Asphaltic Surface Butt Joints	6.000 SY	_____.	_____.
0024	204.0120 Removing Asphaltic Surface Milling	3,618.000 SY	_____.	_____.
0026	204.0150 Removing Curb & Gutter	2,070.000 LF	_____.	_____.
0028	204.0157 Removing Concrete Barrier	8,171.000 LF	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	204.0165 Removing Guardrail	6,253.000 LF	_____.	_____.
0032	204.0170 Removing Fence	23,080.000 LF	_____.	_____.
0034	204.0180 Removing Delineators and Markers	104.000 EACH	_____.	_____.
0036	204.0190 Removing Surface Drains	3.000 EACH	_____.	_____.
0038	204.0195 Removing Concrete Bases	8.000 EACH	_____.	_____.
0040	204.0210 Removing Manholes	2.000 EACH	_____.	_____.
0042	204.0220 Removing Inlets	31.000 EACH	_____.	_____.
0044	204.0245 Removing Storm Sewer (size) 0001. 12-Inch	230.000 LF	_____.	_____.
0046	204.0245 Removing Storm Sewer (size) 0002. 15-Inch	648.000 LF	_____.	_____.
0048	204.0245 Removing Storm Sewer (size) 0004. 18-Inch	1,232.000 LF	_____.	_____.
0050	204.0245 Removing Storm Sewer (size) 0006. 24-Inch	288.000 LF	_____.	_____.
0052	204.0245 Removing Storm Sewer (size) 0007. 30-Inch	225.000 LF	_____.	_____.
0054	204.0245 Removing Storm Sewer (size) 0008. 36-Inch	483.000 LF	_____.	_____.
0056	204.0245 Removing Storm Sewer (size) 0009. 42-Inch	106.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0058	204.0246 Removing Ancillary Structure (structure) 0001. S-44-016	1.000 EACH	_____.	_____.
0060	204.0270 Abandoning Culvert Pipes	1.000 EACH	_____.	_____.
0062	204.9060.S Removing (item description) 0001. Abandoning Monitoring Well	4.000 EACH	_____.	_____.
0064	204.9060.S Removing (item description) 0103. Apron Endwalls	2.000 EACH	_____.	_____.
0066	204.9060.S Removing (item description) 0600. Anchor Bolt Cover Shrouds	3.000 EACH	_____.	_____.
0068	204.9060.S Removing (item description) 0700. Communication Vault	10.000 EACH	_____.	_____.
0070	205.0100 Excavation Common	255,751.000 CY	_____.	_____.
0072	205.0400 Excavation Marsh	100.000 CY	_____.	_____.
0074	206.1001 Excavation for Structures Bridges (structure) 0803. B-44-339	1.000 EACH	_____.	_____.
0076	206.1001 Excavation for Structures Bridges (structure) 0804. B-44-340	1.000 EACH	_____.	_____.
0078	206.2001 Excavation for Structures Culverts (structure) 0801. B-44-0347	1.000 EACH	_____.	_____.
0080	206.2001 Excavation for Structures Culverts (structure) 0802. B-44-0348	1.000 EACH	_____.	_____.
0082	209.0200.S Backfill Controlled Low Strength	13.000 CY	_____.	_____.
0084	209.1100 Backfill Granular Grade 1	150.000 CY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0086	210.1500 Backfill Structure Type A	12,715.000 TON	_____.	_____.
0088	210.2500 Backfill Structure Type B	10,800.000 TON	_____.	_____.
0090	211.0201 Prepare Foundation for Concrete Pavement (project) 0001. 1130-64-71	1.000 EACH	_____.	_____.
0092	213.0100 Finishing Roadway (project) 0001. Project 1130-64-71	1.000 EACH	_____.	_____.
0094	213.0100 Finishing Roadway (project) 0002. Project 1130-64-72	1.000 EACH	_____.	_____.
0096	305.0110 Base Aggregate Dense 3/4-Inch	3,360.000 TON	_____.	_____.
0098	305.0120 Base Aggregate Dense 1 1/4-Inch	102,859.000 TON	_____.	_____.
0100	310.0115 Base Aggregate Open-Graded	238.000 CY	_____.	_____.
0102	312.0110 Select Crushed Material	278,710.000 TON	_____.	_____.
0104	320.0105 Concrete Base 4-Inch	6,180.000 SY	_____.	_____.
0106	390.0100 Removing Pavement for Base Patching	50.000 CY	_____.	_____.
0108	390.0201 Base Patching Asphaltic	74.000 TON	_____.	_____.
0110	405.0100 Coloring Concrete WisDOT Red	51.000 CY	_____.	_____.
0112	415.0090 Concrete Pavement 9-Inch	16,160.000 SY	_____.	_____.
0114	415.0095 Concrete Pavement 9 1/2-Inch	1,250.000 SY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0116	415.0210 Concrete Pavement Gaps	1.000 EACH	_____.	_____.
0118	415.0410 Concrete Pavement Approach Slab	1,276.000 SY	_____.	_____.
0120	415.2010 Concrete Truck Apron 12-inch	40.000 SY	_____.	_____.
0122	416.0610 Drilled Tie Bars	1,376.000 EACH	_____.	_____.
0124	416.0620 Drilled Dowel Bars	234.000 EACH	_____.	_____.
0126	455.0605 Tack Coat	6,539.000 GAL	_____.	_____.
0128	460.2000 Incentive Density HMA Pavement	9,470.000 DOL	1.00000	9,470.00
0130	460.5223 HMA Pavement 3 LT 58-28 S	771.000 TON	_____.	_____.
0132	460.5224 HMA Pavement 4 LT 58-28 S	663.000 TON	_____.	_____.
0134	465.0105 Asphaltic Surface	5,167.000 TON	_____.	_____.
0136	465.0125 Asphaltic Surface Temporary	10,190.000 TON	_____.	_____.
0138	495.1000.S Cold Patch	10.000 TON	_____.	_____.
0140	501.1000.S Ice Hot Weather Concreting	23,545.000 LB	_____.	_____.
0142	502.0100 Concrete Masonry Bridges	2,233.000 CY	_____.	_____.
0144	502.3101 Expansion Device	440.000 LF	_____.	_____.
0146	502.3200 Protective Surface Treatment	4,720.000 SY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0148	502.3210 Pigmented Surface Sealer	1,817.000 SY	_____.	_____.
0150	502.4204 Adhesive Anchors No. 4 Bar	4.000 EACH	_____.	_____.
0152	503.0146 Prestressed Girder Type I 45W-Inch	3,578.000 LF	_____.	_____.
0154	504.0100 Concrete Masonry Culverts	1,558.000 CY	_____.	_____.
0156	504.0500 Concrete Masonry Retaining Walls	1,311.000 CY	_____.	_____.
0158	505.0400 Bar Steel Reinforcement HS Structures	503,606.000 LB	_____.	_____.
0160	505.0600 Bar Steel Reinforcement HS Coated Structures	643,470.000 LB	_____.	_____.
0162	505.0800.S Bar Steel Reinforcement HS Stainless Structures	5,100.000 LB	_____.	_____.
0164	506.2605 Bearing Pads Elastomeric Non-Laminated	64.000 EACH	_____.	_____.
0166	506.2610 Bearing Pads Elastomeric Laminated	32.000 EACH	_____.	_____.
0168	506.4000 Steel Diaphragms (structure) 0803. B-44-339	28.000 EACH	_____.	_____.
0170	506.4000 Steel Diaphragms (structure) 0804. B-44-340	28.000 EACH	_____.	_____.
0172	511.1200 Temporary Shoring (structure) 0801. B-44-0347	2,050.000 SF	_____.	_____.
0174	511.1200 Temporary Shoring (structure) 0802. B-44-0348	22,320.000 SF	_____.	_____.



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0176	511.1200 Temporary Shoring (structure) 0803. B-44-339	6,900.000 SF	_____.	_____.
0178	511.1200 Temporary Shoring (structure) 0804. B-44-340	11,000.000 SF	_____.	_____.
0180	511.1200 Temporary Shoring (structure) 0901. R-44-28	22,452.000 SF	_____.	_____.
0182	513.2001 Railing Pipe	1,518.000 LF	_____.	_____.
0184	516.0500 Rubberized Membrane Waterproofing	349.000 SY	_____.	_____.
0186	520.2036 Culvert Pipe Temporary 36-Inch	150.000 LF	_____.	_____.
0188	520.8000 Concrete Collars for Pipe	4.000 EACH	_____.	_____.
0190	522.0142 Culvert Pipe Reinforced Concrete Class III 42-Inch	18.000 LF	_____.	_____.
0192	522.0415 Culvert Pipe Reinforced Concrete Class IV 15-Inch	115.000 LF	_____.	_____.
0194	522.0424 Culvert Pipe Reinforced Concrete Class IV 24-Inch	53.000 LF	_____.	_____.
0196	522.0442 Culvert Pipe Reinforced Concrete Class IV 42-Inch	53.000 LF	_____.	_____.
0198	522.1015 Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	12.000 EACH	_____.	_____.
0200	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	16.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0202	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	18.000 EACH	_____.	_____.
0204	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	5.000 EACH	_____.	_____.
0206	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	6.000 EACH	_____.	_____.
0208	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	4.000 EACH	_____.	_____.
0210	522.1072 Apron Endwalls for Culvert Pipe Reinforced Concrete 72-Inch	1.000 EACH	_____.	_____.
0212	522.2414 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	133.000 LF	_____.	_____.
0214	522.2614 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	7.000 EACH	_____.	_____.
0216	522.2619 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	3.000 EACH	_____.	_____.
0218	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	2.000 EACH	_____.	_____.
0220	522.2629 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	1.000 EACH	_____.	_____.
0222	524.0618 Apron Endwalls for Culvert Pipe Salvaged 18-Inch	1.000 EACH	_____.	_____.



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0224	524.0630 Apron Endwalls for Culvert Pipe Salvaged 30-Inch	1.000 EACH	_____.	_____.
0226	524.0636 Apron Endwalls for Culvert Pipe Salvaged 36-Inch	1.000 EACH	_____.	_____.
0228	524.0642 Apron Endwalls for Culvert Pipe Salvaged 42-Inch	1.000 EACH	_____.	_____.
0230	531.1100 Concrete Masonry Ancillary Structures Type NS	76.200 CY	_____.	_____.
0232	531.1140 Steel Reinforcement HS Ancillary Structures Type NS	6,642.000 LB	_____.	_____.
0234	531.1160 Steel Reinforcement HS Coated Ancillary Structures Type NS	6,630.000 LB	_____.	_____.
0236	531.2024 Drilling Shaft 24-Inch	143.000 LF	_____.	_____.
0238	531.2030 Drilling Shaft 30-Inch	60.000 LF	_____.	_____.
0240	531.2036 Drilling Shaft 36-Inch	402.000 LF	_____.	_____.
0242	531.2042 Drilling Shaft 42-Inch	158.000 LF	_____.	_____.
0244	531.2048 Drilling Shaft 48-Inch	46.000 LF	_____.	_____.
0246	531.4050 Foundation Camera Pole 50-FT	1.000 EACH	_____.	_____.
0248	531.5030 Foundation Two-Shaft Butterfly Type B-1 (structure) 1001. S-44-350	1.000 EACH	_____.	_____.
0250	531.5030 Foundation Two-Shaft Butterfly Type B-1 (structure) 1002. S-44-363	1.000 EACH	_____.	_____.



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0252	531.5330 Foundation Single-Shaft Type TC-III (structure) 1001. S-44-0333	1.000 EACH	_____.	_____.
0254	531.5330 Foundation Single-Shaft Type TC-III (structure) 1002. S-44-0334	1.000 EACH	_____.	_____.
0256	531.5420 Foundation Single-Shaft Type TF-II (structure) 0001. S-44-347	2.000 EACH	_____.	_____.
0258	531.6120 Foundation Two-Shaft Type FF-II (structure) 1001. S-44-348	2.000 EACH	_____.	_____.
0260	531.6120 Foundation Two-Shaft Type FF-II (structure) 1002. S-44-349	2.000 EACH	_____.	_____.
0262	531.6120 Foundation Two-Shaft Type FF-II (structure) 1003. S-44-0322	2.000 EACH	_____.	_____.
0264	531.6120 Foundation Two-Shaft Type FF-II (structure) 1004. S-44-0330	2.000 EACH	_____.	_____.
0266	531.6130 Foundation Two-Shaft Type FF-III (structure) 0001. S-44-0323	2.000 EACH	_____.	_____.
0268	531.8990 Anchor Assemblies Poles on Structures	5.000 EACH	_____.	_____.
0270	532.5030 Butterfly 2-Chord Type 1 (structure) 1001. S-44-350	1.000 EACH	_____.	_____.
0272	532.5030 Butterfly 2-Chord Type 1 (structure) 1002. S-44-363	1.000 EACH	_____.	_____.
0274	532.5220 Monotube Full Span Type II (structure) 0001. S-44-347	1.000 EACH	_____.	_____.
0276	532.5330 Truss Cantilever 2-Chord Type III (structure) 1001. S-44-0333	1.000 EACH	_____.	_____.



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0278	532.5330 Truss Cantilever 2-Chord Type III (structure) 1002. S-44-0334	1.000 EACH	_____.	_____.
0280	532.6120 Truss Full Span 4-Chord Type II (structure) 1001. S-44-348	1.000 EACH	_____.	_____.
0282	532.6120 Truss Full Span 4-Chord Type II (structure) 1002. S-44-349	1.000 EACH	_____.	_____.
0284	532.6120 Truss Full Span 4-Chord Type II (structure) 1003. S-44-0322	1.000 EACH	_____.	_____.
0286	532.6120 Truss Full Span 4-Chord Type II (structure) 1004. S-44-0330	1.000 EACH	_____.	_____.
0288	532.6120 Truss Full Span 4-Chord Type II (structure) 1005. S-44-332	1.000 EACH	_____.	_____.
0290	532.6130 Truss Full Span 4-Chord Type III (structure) 0001. S-44-0323	1.000 EACH	_____.	_____.
0292	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0951. N-44-0011	69,860.000 SF	_____.	_____.
0294	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0952. N-44-0020	55,530.000 SF	_____.	_____.
0296	550.0020 Pre-Boring Rock or Consolidated Materials	5,220.000 LF	_____.	_____.
0298	550.0500 Pile Points	228.000 EACH	_____.	_____.
0300	550.1120 Piling Steel HP 12-Inch X 53 Lb	9,870.000 LF	_____.	_____.
0304	601.0405 Concrete Curb & Gutter 18-Inch Type A	1,610.000 LF	_____.	_____.



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0306	601.0409 Concrete Curb & Gutter 30-Inch Type A	1,129.000 LF	_____.	_____.
0308	601.0411 Concrete Curb & Gutter 30-Inch Type D	1,450.000 LF	_____.	_____.
0310	601.0501 Concrete Curb & Gutter Integral 4-Inch Sloped 36-Inch	62.000 LF	_____.	_____.
0312	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	1,270.000 LF	_____.	_____.
0314	601.0588 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBT	19.000 LF	_____.	_____.
0316	601.0600 Concrete Curb Pedestrian	72.000 LF	_____.	_____.
0318	602.0405 Concrete Sidewalk 4-Inch	4,290.000 SF	_____.	_____.
0320	602.0415 Concrete Sidewalk 6-Inch	111.000 SF	_____.	_____.
0322	602.0505 Curb Ramp Detectable Warning Field Yellow	80.000 SF	_____.	_____.
0324	602.3210 Concrete Rumble Strips, Shoulder Divided Roadway	52,255.000 LF	_____.	_____.
0326	603.0105 Concrete Barrier Single-Faced 32-Inch	2,850.000 LF	_____.	_____.
0328	603.1256 Concrete Barrier Type S56A	120.000 LF	_____.	_____.
0330	603.1442 Concrete Barrier Type S42C	228.000 LF	_____.	_____.
0332	603.1456 Concrete Barrier Type S56C	61.000 LF	_____.	_____.



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0334	603.3113 Concrete Barrier Transition Type NJ32SF to S36	4.000 EACH	_____.	_____.
0336	603.3513 Concrete Barrier Transition Type S32 to S36	2.000 EACH	_____.	_____.
0338	603.3535 Concrete Barrier Transition Type S36 to S42	6.000 EACH	_____.	_____.
0340	603.3559 Concrete Barrier Transition Type S42 to S56	4.000 EACH	_____.	_____.
0342	603.8000 Concrete Barrier Temporary Precast Delivered	63,364.000 LF	_____.	_____.
0344	603.8125 Concrete Barrier Temporary Precast Installed	172,079.000 LF	_____.	_____.
0346	603.8500 Anchoring Concrete Barrier Temporary Precast	6,010.000 LF	_____.	_____.
0348	604.0600 Slope Paving Select Crushed Material	3,242.000 SY	_____.	_____.
0350	606.0050 Riprap Extra-Light	732.000 CY	_____.	_____.
0352	606.0200 Riprap Medium	1,231.000 CY	_____.	_____.
0354	606.0300 Riprap Heavy	193.000 CY	_____.	_____.
0356	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	26.000 LF	_____.	_____.
0358	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	471.000 LF	_____.	_____.



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0360	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	867.000 LF	_____.	_____.
0362	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	1,588.000 LF	_____.	_____.
0364	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	1,007.000 LF	_____.	_____.
0366	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	889.000 LF	_____.	_____.
0368	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	92.000 LF	_____.	_____.
0370	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	581.000 LF	_____.	_____.
0372	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	4,620.000 LF	_____.	_____.
0374	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	4,954.000 LF	_____.	_____.
0376	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	472.000 LF	_____.	_____.
0378	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	2,428.000 LF	_____.	_____.
0380	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	1,618.000 LF	_____.	_____.
0382	608.0472 Storm Sewer Pipe Reinforced Concrete Class IV 72-Inch	75.000 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
0384	608.2324 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	134.000 LF	_____.	_____.
0386	608.2414 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	438.000 LF	_____.	_____.
0388	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	115.000 LF	_____.	_____.
0390	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	613.000 LF	_____.	_____.
0392	608.2429 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	733.000 LF	_____.	_____.
0394	611.0420 Reconstructing Manholes	100.000 EACH	_____.	_____.
0396	611.0430 Reconstructing Inlets	15.000 EACH	_____.	_____.
0398	611.0530 Manhole Covers Type J	18.000 EACH	_____.	_____.
0400	611.0535 Manhole Covers Type J-Special	16.000 EACH	_____.	_____.
0402	611.0606 Inlet Covers Type B	2.000 EACH	_____.	_____.
0404	611.0610 Inlet Covers Type BW	26.000 EACH	_____.	_____.
0406	611.0612 Inlet Covers Type C	10.000 EACH	_____.	_____.
0408	611.0624 Inlet Covers Type H	6.000 EACH	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0410	611.0627 Inlet Covers Type HM	4.000 EACH	_____.	_____.
0412	611.0636 Inlet Covers Type HM-S	2.000 EACH	_____.	_____.
0414	611.0639 Inlet Covers Type H-S	7.000 EACH	_____.	_____.
0416	611.0642 Inlet Covers Type MS	31.000 EACH	_____.	_____.
0418	611.0654 Inlet Covers Type V	1.000 EACH	_____.	_____.
0420	611.0656 Inlet Covers Type VV-B	233.000 EACH	_____.	_____.
0422	611.0666 Inlet Covers Type Z	5.000 EACH	_____.	_____.
0424	611.2004 Manholes 4-FT Diameter	4.000 EACH	_____.	_____.
0426	611.2005 Manholes 5-FT Diameter	188.000 EACH	_____.	_____.
0428	611.2006 Manholes 6-FT Diameter	33.000 EACH	_____.	_____.
0430	611.2007 Manholes 7-FT Diameter	17.000 EACH	_____.	_____.
0432	611.2008 Manholes 8-FT Diameter	4.000 EACH	_____.	_____.
0434	611.2010 Manholes 10-FT Diameter	2.000 EACH	_____.	_____.
0436	611.2033 Manholes 3x3-FT	3.000 EACH	_____.	_____.
0438	611.3003 Inlets 3-FT Diameter	12.000 EACH	_____.	_____.
0440	611.3004 Inlets 4-FT Diameter	6.000 EACH	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0442	611.3225 Inlets 2x2.5-FT	13.000 EACH	_____.	_____.
0444	611.3230 Inlets 2x3-FT	11.000 EACH	_____.	_____.
0446	611.3901 Inlets Median 1 Grate	11.000 EACH	_____.	_____.
0448	611.3902 Inlets Median 2 Grate	8.000 EACH	_____.	_____.
0450	611.8110 Adjusting Manhole Covers	45.000 EACH	_____.	_____.
0452	611.8115 Adjusting Inlet Covers	6.000 EACH	_____.	_____.
0454	611.8120.S Cover Plates Temporary	236.000 EACH	_____.	_____.
0456	611.9710 Salvaged Inlet Covers	2.000 EACH	_____.	_____.
0458	611.9850.S Pipe Grates (size) 0001. 30-Inch	1.000 EACH	_____.	_____.
0460	612.0106 Pipe Underdrain 6-Inch	7,858.000 LF	_____.	_____.
0462	612.0206 Pipe Underdrain Unperforated 6-Inch	60.000 LF	_____.	_____.
0464	612.0406 Pipe Underdrain Wrapped 6-Inch	7,131.000 LF	_____.	_____.
0466	614.0150 Anchor Assemblies for Steel Plate Beam Guard	1.000 EACH	_____.	_____.
0468	614.0397 Guardrail Mow Strip Emulsified Asphalt	387.000 SY	_____.	_____.
0470	614.0800 Crash Cushions Permanent	1.000 EACH	_____.	_____.
0472	614.0905 Crash Cushions Temporary	49.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0474	614.2300 MGS Guardrail 3	350.000 LF	_____.	_____.
0476	614.2340 MGS Guardrail 3 L	25.000 LF	_____.	_____.
0478	614.2500 MGS Thrie Beam Transition	197.000 LF	_____.	_____.
0480	614.2610 MGS Guardrail Terminal EAT	5.000 EACH	_____.	_____.
0482	616.0205 Fence Chain Link 5-FT	10.000 LF	_____.	_____.
0484	616.0206 Fence Chain Link 6-FT	21,344.000 LF	_____.	_____.
0486	616.0329 Gates Chain Link (width) 0001. 12-FT	1.000 EACH	_____.	_____.
0488	616.0700.S Fence Safety	1,300.000 LF	_____.	_____.
0490	616.0800.S Fence Track Clearance	560.000 LF	_____.	_____.
0492	618.0100 Maintenance and Repair of Haul Roads (project) 0001. Project 1130-64-71	1.000 EACH	_____.	_____.
0494	618.0100 Maintenance and Repair of Haul Roads (project) 0002. Project 1130-64-72	1.000 EACH	_____.	_____.
0496	619.1000 Mobilization	1.000 EACH	_____.	_____.
0498	620.0300 Concrete Median Sloped Nose	102.000 SF	_____.	_____.
0500	623.0200 Dust Control Surface Treatment	293,300.000 SY	_____.	_____.
0502	624.0100 Water	2,690.000 MGAL	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0504	625.0500 Salvaged Topsoil	185,200.000 SY	_____.	_____.
0506	628.1504 Silt Fence	10,270.000 LF	_____.	_____.
0508	628.1520 Silt Fence Maintenance	48,100.000 LF	_____.	_____.
0510	628.1530.S Silt Fence Heavy Duty	900.000 LF	_____.	_____.
0512	628.1535.S Silt Fence Heavy Duty Maintenance	13,500.000 LF	_____.	_____.
0514	628.1905 Mobilizations Erosion Control	63.000 EACH	_____.	_____.
0516	628.1910 Mobilizations Emergency Erosion Control	42.000 EACH	_____.	_____.
0518	628.2004 Erosion Mat Class I Type B	173,600.000 SY	_____.	_____.
0520	628.2008 Erosion Mat Urban Class I Type B	14,030.000 SY	_____.	_____.
0522	628.7005 Inlet Protection Type A	286.000 EACH	_____.	_____.
0524	628.7010 Inlet Protection Type B	349.000 EACH	_____.	_____.
0526	628.7015 Inlet Protection Type C	17.000 EACH	_____.	_____.
0528	628.7020 Inlet Protection Type D	16.000 EACH	_____.	_____.
0530	628.7504 Temporary Ditch Checks	3,105.000 LF	_____.	_____.
0532	628.7515.S Stone Ditch Checks	156.000 CY	_____.	_____.
0534	628.7555 Culvert Pipe Checks	169.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0536	628.7560 Tracking Pads	12.000 EACH	_____.	_____.
0538	628.7570 Rock Bags	895.000 EACH	_____.	_____.
0540	629.0210 Fertilizer Type B	83.000 CWT	_____.	_____.
0542	630.0130 Seeding Mixture No. 30	8,390.000 LB	_____.	_____.
0544	630.0200 Seeding Temporary	620.000 LB	_____.	_____.
0546	630.0500 Seed Water	4,300.000 MGAL	_____.	_____.
0548	633.0100 Delineator Posts Steel	81.000 EACH	_____.	_____.
0550	633.0500 Delineator Reflectors	81.000 EACH	_____.	_____.
0552	633.1000 Delineators Barrier Wall	165.000 EACH	_____.	_____.
0554	633.5200 Markers Culvert End	77.000 EACH	_____.	_____.
0556	634.0614 Posts Wood 4x6-Inch X 14-FT	12.000 EACH	_____.	_____.
0558	634.0616 Posts Wood 4x6-Inch X 16-FT	20.000 EACH	_____.	_____.
0560	634.0618 Posts Wood 4x6-Inch X 18-FT	11.000 EACH	_____.	_____.
0562	634.0808 Posts Tubular Steel 2x2-Inch X 8-FT	52.000 EACH	_____.	_____.
0564	635.0200 Sign Supports Structural Steel HS	10,730.000 LB	_____.	_____.
0566	637.1220 Signs Type I Reflective SH	3,926.500 SF	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0568	637.1230 Signs Type I Reflective F	90.000 SF	_____.	_____.
0570	637.2210 Signs Type II Reflective H	804.750 SF	_____.	_____.
0572	637.2215 Signs Type II Reflective H Folding	20.720 SF	_____.	_____.
0574	637.2230 Signs Type II Reflective F	132.000 SF	_____.	_____.
0576	638.2102 Moving Signs Type II	52.000 EACH	_____.	_____.
0578	638.2601 Removing Signs Type I	12.000 EACH	_____.	_____.
0580	638.2602 Removing Signs Type II	58.000 EACH	_____.	_____.
0582	638.3000 Removing Small Sign Supports	73.000 EACH	_____.	_____.
0584	638.3100 Removing Structural Steel Sign Supports	16.000 EACH	_____.	_____.
0586	640.1303.S Pond Liner Clay	4,726.000 CY	_____.	_____.
0588	643.0300 Traffic Control Drums	247,951.000 DAY	_____.	_____.
0590	643.0410 Traffic Control Barricades Type II	330.000 DAY	_____.	_____.
0592	643.0420 Traffic Control Barricades Type III	10,809.000 DAY	_____.	_____.
0594	643.0500 Traffic Control Flexible Tubular Marker Posts	126.000 EACH	_____.	_____.
0596	643.0600 Traffic Control Flexible Tubular Marker Bases	126.000 EACH	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0598	643.0705 Traffic Control Warning Lights Type A	21,598.000 DAY	_____.	_____.
0600	643.0715 Traffic Control Warning Lights Type C	22,354.000 DAY	_____.	_____.
0602	643.0800 Traffic Control Arrow Boards	2,705.000 DAY	_____.	_____.
0604	643.0900 Traffic Control Signs	110,254.000 DAY	_____.	_____.
0606	643.0910 Traffic Control Covering Signs Type I	23.000 EACH	_____.	_____.
0608	643.0920 Traffic Control Covering Signs Type II	34.000 EACH	_____.	_____.
0610	643.1000 Traffic Control Signs Fixed Message	835.500 SF	_____.	_____.
0612	643.1050 Traffic Control Signs PCMS	2,292.000 DAY	_____.	_____.
0614	643.3165 Temporary Marking Line Paint 6-Inch	227,801.000 LF	_____.	_____.
0616	643.3170 Temporary Marking Line Epoxy 6-Inch	93,708.000 LF	_____.	_____.
0618	643.3265 Temporary Marking Line Paint 10-Inch	11,247.000 LF	_____.	_____.
0620	643.3270 Temporary Marking Line Epoxy 10-Inch	3,036.000 LF	_____.	_____.
0622	643.3760 Temporary Marking Raised Pavement Marker Type I	498.000 EACH	_____.	_____.
0624	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0626	644.1601 Temporary Pedestrian Curb Ramp	305.000 DAY	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0628	644.1605 Temporary Pedestrian Detectable Warning Field	136.000 SF	_____.	_____.
0630	644.1810 Temporary Pedestrian Barricade	1,500.000 LF	_____.	_____.
0632	645.0111 Geotextile Type DF Schedule A	3,493.000 SY	_____.	_____.
0634	645.0120 Geotextile Type HR	10,790.000 SY	_____.	_____.
0636	645.0130 Geotextile Type R	165.000 SY	_____.	_____.
0638	646.2020 Marking Line Epoxy 6-Inch	84,460.000 LF	_____.	_____.
0640	646.2025 Marking Line Grooved Black Epoxy 6-Inch	300.000 LF	_____.	_____.
0642	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	4,010.000 LF	_____.	_____.
0644	646.2050 Marking Line Grooved Permanent Tape 6-Inch	300.000 LF	_____.	_____.
0646	646.4020 Marking Line Epoxy 10-Inch	7,629.000 LF	_____.	_____.
0648	646.4040 Marking Line Grooved Wet Ref Epoxy 10-Inch	261.000 LF	_____.	_____.
0650	646.4050 Marking Line Grooved Permanent Tape 10-Inch	1,574.000 LF	_____.	_____.
0652	646.5020 Marking Arrow Epoxy	13.000 EACH	_____.	_____.
0654	646.5120 Marking Word Epoxy	5.000 EACH	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0656	646.6120 Marking Stop Line Epoxy 18-Inch	60.000 LF	_____.	_____.
0658	646.7220 Marking Chevron Epoxy 24-Inch	156.000 LF	_____.	_____.
0660	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	244.000 LF	_____.	_____.
0662	646.9010 Marking Removal Line Water Blasting 4-Inch	35,683.000 LF	_____.	_____.
0664	646.9012 Marking Removal Line Water Blasting 6-Inch	3,963.000 LF	_____.	_____.
0666	652.0125 Conduit Rigid Metallic 2-Inch	420.000 LF	_____.	_____.
0668	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	135.000 LF	_____.	_____.
0670	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	16,288.000 LF	_____.	_____.
0672	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	4,887.000 LF	_____.	_____.
0674	652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch	1,005.000 LF	_____.	_____.
0676	652.0615 Conduit Special 3-Inch	640.000 LF	_____.	_____.
0678	652.0700.S Install Conduit into Existing Item	14.000 EACH	_____.	_____.
0680	652.0800 Conduit Loop Detector	538.000 LF	_____.	_____.
0682	653.0154 Pull Boxes Non-Conductive 24x36-Inch	12.000 EACH	_____.	_____.



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0684	653.0164 Pull Boxes Non-Conductive 24x42-Inch	32.000 EACH	_____.	_____.
0686	653.0220 Junction Boxes 18x6x6-Inch	4.000 EACH	_____.	_____.
0688	653.0222 Junction Boxes 18x12x6-Inch	7.000 EACH	_____.	_____.
0690	653.0900 Adjusting Pull Boxes	1.000 EACH	_____.	_____.
0692	653.0905 Removing Pull Boxes	16.000 EACH	_____.	_____.
0694	654.0101 Concrete Bases Type 1	5.000 EACH	_____.	_____.
0696	654.0105 Concrete Bases Type 5	10.000 EACH	_____.	_____.
0698	654.0107 Concrete Bases Type 7	11.000 EACH	_____.	_____.
0700	654.0110 Concrete Bases Type 10	1.000 EACH	_____.	_____.
0702	654.0230 Concrete Control Cabinet Bases Type L30	1.000 EACH	_____.	_____.
0704	655.0230 Cable Traffic Signal 5-14 AWG	5,449.000 LF	_____.	_____.
0706	655.0240 Cable Traffic Signal 7-14 AWG	31.000 LF	_____.	_____.
0708	655.0260 Cable Traffic Signal 12-14 AWG	1,397.000 LF	_____.	_____.
0710	655.0305 Cable Type UF 2-12 AWG Grounded	1,879.000 LF	_____.	_____.
0712	655.0515 Electrical Wire Traffic Signals 10 AWG	2,843.000 LF	_____.	_____.
0714	655.0610 Electrical Wire Lighting 12 AWG	24,665.000 LF	_____.	_____.



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0716	655.0625 Electrical Wire Lighting 6 AWG	8,620.000 LF	_____.	_____.
0718	655.0630 Electrical Wire Lighting 4 AWG	24,553.000 LF	_____.	_____.
0720	655.0635 Electrical Wire Lighting 2 AWG	42,654.000 LF	_____.	_____.
0722	655.0700 Loop Detector Lead In Cable	3,067.000 LF	_____.	_____.
0724	655.0800 Loop Detector Wire	2,075.000 LF	_____.	_____.
0726	655.0900 Traffic Signal EVP Detector Cable	1,663.000 LF	_____.	_____.
0728	656.0201 Electrical Service Meter Breaker Pedestal (location) 0001. CB100	1.000 EACH	_____.	_____.
0730	656.0201 Electrical Service Meter Breaker Pedestal (location) 0002. MB2-2	1.000 EACH	_____.	_____.
0732	656.0501 Electrical Service Breaker Disconnect Box (location) 0001. CB2-2	1.000 EACH	_____.	_____.
0734	656.0501 Electrical Service Breaker Disconnect Box (location) 0002. CB2-3	1.000 EACH	_____.	_____.
0736	657.0100 Pedestal Bases	5.000 EACH	_____.	_____.
0738	657.0210 Transformer Bases Breakaway 15-17 Inch Bolt Circle	44.000 EACH	_____.	_____.
0740	657.0255 Transformer Bases Breakaway 11 1/2- Inch Bolt Circle	10.000 EACH	_____.	_____.
0742	657.0322 Poles Type 5-Aluminum	8.000 EACH	_____.	_____.



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0744	657.0337 Poles Type 17-Aluminum	44.000 EACH	_____.	_____.
0746	657.0350 Poles Type 10	1.000 EACH	_____.	_____.
0748	657.0420 Traffic Signal Standards Aluminum 13-FT	2.000 EACH	_____.	_____.
0750	657.0425 Traffic Signal Standards Aluminum 15-FT	1.000 EACH	_____.	_____.
0752	657.0430 Traffic Signal Standards Aluminum 10-FT	2.000 EACH	_____.	_____.
0754	657.0520 Monotube Arms 20-FT	1.000 EACH	_____.	_____.
0756	657.0620 Luminaire Arms Single Member 6-Inch Clamp 4-FT	74.000 EACH	_____.	_____.
0758	657.0710 Luminaire Arms Truss Type 4 1/2-Inch Clamp 12-FT	2.000 EACH	_____.	_____.
0760	657.0812 Luminaire Arms Steel 12-FT	1.000 EACH	_____.	_____.
0762	658.0173 Traffic Signal Face 3S 12-Inch	5.000 EACH	_____.	_____.
0764	658.0174 Traffic Signal Face 4S 12-Inch	1.000 EACH	_____.	_____.
0766	658.0416 Pedestrian Signal Face 16-Inch	6.000 EACH	_____.	_____.
0768	658.0500 Pedestrian Push Buttons	5.000 EACH	_____.	_____.
0770	658.5070 Signal Mounting Hardware (location) 0001. IH 41 NB & STH 96 (S44-0309)	1.000 EACH	_____.	_____.
0772	658.5070 Signal Mounting Hardware (location) 0002. IH 41 SB & STH 96 (S44-1403)	1.000 EACH	_____.	_____.



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0774	659.1120 Luminaires Utility LED B	3.000 EACH	_____.	_____.
0776	659.1125 Luminaires Utility LED C	74.000 EACH	_____.	_____.
0778	659.2130 Lighting Control Cabinets 120/240 30-Inch	1.000 EACH	_____.	_____.
0780	659.5000.S Lamp, Ballast, LED, Switch Disposal by Contractor	20.000 EACH	_____.	_____.
0782	662.1037.S Ramp Closure Gates 37-FT	1.000 EACH	_____.	_____.
0784	662.1040.S Ramp Closure Gates 40-FT	1.000 EACH	_____.	_____.
0786	670.0101 Field System Integrator	1.000 EACH	_____.	_____.
0788	670.0201 ITS Documentation	1.000 EACH	_____.	_____.
0790	671.0132 Conduit HDPE 3-Duct 2-Inch	7,572.000 LF	_____.	_____.
0792	671.0232 Conduit HDPE Directional Bore 3-Duct 2-Inch	302.000 LF	_____.	_____.
0794	671.0300 Fiber Optic Cable Marker	12.000 EACH	_____.	_____.
0796	673.0105 Communication Vault Type 1	7.000 EACH	_____.	_____.
0798	673.0200 Tracer Wire Marker Posts	14.000 EACH	_____.	_____.
0800	673.1225.S Install Pole Mounted Cabinet	7.000 EACH	_____.	_____.
0802	674.0200 Cable Microwave Detector	10,812.000 LF	_____.	_____.



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SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0804	674.0300 Remove Cable	10,205.000 LF	_____.	_____.
0806	675.0300 Install Mounted Controller Microwave Detector Assembly	7.000 EACH	_____.	_____.
0808	677.0150 Install Camera Pole 50-FT	1.000 EACH	_____.	_____.
0810	677.0200 Install Camera Assembly	1.000 EACH	_____.	_____.
0812	678.0012 Install Fiber Optic Cable Outdoor Plant 12-CT	4,140.000 LF	_____.	_____.
0814	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	8,342.000 LF	_____.	_____.
0816	678.0200 Fiber Optic Splice Enclosure	6.000 EACH	_____.	_____.
0818	678.0300 Fiber Optic Splice	166.000 EACH	_____.	_____.
0820	678.0400 Fiber Optic Termination	28.000 EACH	_____.	_____.
0822	678.0501 Communication System Testing	2.000 EACH	_____.	_____.
0824	678.0600 Install Ethernet Switches	3.000 EACH	_____.	_____.
0826	678.0700 Install Wireless Antennas	1.000 EACH	_____.	_____.
0828	690.0150 Sawing Asphalt	10,572.000 LF	_____.	_____.
0830	690.0250 Sawing Concrete	8,510.000 LF	_____.	_____.
0832	715.0502 Incentive Strength Concrete Structures	40,632.000 DOL	1.00000	40,632.00



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0834	715.0603 Incentive Strength Concrete Barrier	26,359.000 DOL	1.00000	26,359.00
0836	715.0715 Incentive Flexural Strength Concrete Pavement	67,905.000 DOL	1.00000	67,905.00
0838	740.0440 Incentive IRI Ride	105,621.000 DOL	1.00000	105,621.00
0840	801.0117 Railroad Flagging Reimbursement	125,300.000 DOL	1.00000	125,300.00
0842	999.1001.S Seismograph (project) 0001. 1130-64-72	1.000 EACH	_____.	_____.
0844	999.1501.S Crack and Damage Survey	14.000 EACH	_____.	_____.
0846	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,100.000 HRS	5.00000	10,500.00
0848	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	5,760.000 HRS	5.00000	28,800.00
0850	SPV.0035 Special 0100. Roadway Embankment	128,100.000 CY	_____.	_____.
0852	SPV.0035 Special 0800. HPC Masonry Structures	1,670.000 CY	_____.	_____.
0854	SPV.0060 Special 0100. Baseline CPM Progress Schedule	1.000 EACH	_____.	_____.
0856	SPV.0060 Special 0105. CPM Progress Schedule and Accepted Revisions	17.000 EACH	_____.	_____.
0858	SPV.0060 Special 0110. Construction Staking Survey Project 1130-64-71	1.000 EACH	_____.	_____.
0860	SPV.0060 Special 0115. Construction Staking Survey Project 1130-64-72	1.000 EACH	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0862	SPV.0060 Special 0120. Construction Staking Survey Project 1130-64-87	1.000 EACH	_____.	_____.
0864	SPV.0060 Special 0125. Removing Cover Plates	56.000 EACH	_____.	_____.
0866	SPV.0060 Special 0126. Removing Storm Sewer Plug	5.000 EACH	_____.	_____.
0868	SPV.0060 Special 0127. Sawing Concrete Barrier Single Faced	3.000 EACH	_____.	_____.
0870	SPV.0060 Special 0140. Concrete Barrier Transition	1.000 EACH	_____.	_____.
0872	SPV.0060 Special 0160. Mobilizations Emergency Pavement Repair	2.000 EACH	_____.	_____.
0874	SPV.0060 Special 0205. Pond APC Outlet Storm Sewer Structure	1.000 EACH	_____.	_____.
0876	SPV.0060 Special 0210. Storm Sewer Plug	96.000 EACH	_____.	_____.
0878	SPV.0060 Special 0215. Reconnect Storm Sewer	131.000 EACH	_____.	_____.
0880	SPV.0060 Special 0220. Fastening Sewer Access Covers	21.000 EACH	_____.	_____.
0882	SPV.0060 Special 0225. Cover Plates	8.000 EACH	_____.	_____.
0884	SPV.0060 Special 0230. Inlet Covers Type Y	13.000 EACH	_____.	_____.
0886	SPV.0060 Special 0235. Detention Pond Anti Seep Collar	1.000 EACH	_____.	_____.
0888	SPV.0060 Special 0240. Sealing Storm Structure	18.000 EACH	_____.	_____.



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0890	SPV.0060 Special 0245. Inlets 2.25X3.5-FT	8.000 EACH	_____.	_____.
0892	SPV.0060 Special 0255. Temporary Water Diversion B-44-0347	1.000 EACH	_____.	_____.
0894	SPV.0060 Special 0260. Temporary Water Diversion B-44-0347	1.000 EACH	_____.	_____.
0896	SPV.0060 Special 0265. Temporary Water Diversion B-44-0348	1.000 EACH	_____.	_____.
0898	SPV.0060 Special 0305. Emergency Response to Traffic Involving Concrete Barrier Temporary	33.000 EACH	_____.	_____.
0900	SPV.0060 Special 0310. Emergency Response to Traffic Involving Crash Cushion Temporary	23.000 EACH	_____.	_____.
0902	SPV.0060 Special 0315. Maintain and Remove Crash Cushions Temporary Left In Place	17.000 EACH	_____.	_____.
0904	SPV.0060 Special 0320. Temporary Concrete Barrier Gate, 24-FT	4.000 EACH	_____.	_____.
0906	SPV.0060 Special 0325. Crash Cushion Temporary Left In Place	1.000 EACH	_____.	_____.
0908	SPV.0060 Special 0400. Fixed Message Sign Portable Support	8.000 EACH	_____.	_____.
0910	SPV.0060 Special 0405. Fire Hydrant Sign Mounting	12.000 EACH	_____.	_____.
0912	SPV.0060 Special 0500. Anchor Bolt Cover Shroud	13.000 EACH	_____.	_____.
0914	SPV.0060 Special 0600. Remove Traffic Signal IH 41 NB & STH 96 (S44-0309)	1.000 EACH	_____.	_____.



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0916	SPV.0060 Special 0605. Remove Traffic Signal IH 41 SB & STH 96 (S44-1403)	1.000 EACH	_____.	_____.
0918	SPV.0060 Special 0615. Concrete Base Type 7 Tall	38.000 EACH	_____.	_____.
0920	SPV.0060 Special 0700. Salvaging Ramp Gate System	1.000 EACH	_____.	_____.
0922	SPV.0060 Special 0705. Adjusting Communication Vault	1.000 EACH	_____.	_____.
0924	SPV.0060 Special 0710. Install Ethernet Extender	8.000 EACH	_____.	_____.
0926	SPV.0060 Special 0715. Salvaging Microwave Detector Equipment	1.000 EACH	_____.	_____.
0928	SPV.0060 Special 0720. Salvaging Wireless Antennas	2.000 EACH	_____.	_____.
0930	SPV.0060 Special 0900. MSE Wall Sleeve Type 7	4.000 EACH	_____.	_____.
0932	SPV.0060 Special 0905. Settlement Gauge, R-44-28	18.000 EACH	_____.	_____.
0934	SPV.0060 Special 0906. Settlement Gauge, R-44-52	3.000 EACH	_____.	_____.
0936	SPV.0060 Special 0910. Vibrating Wire Piezometers	7.000 EACH	_____.	_____.
0938	SPV.0060 Special 0915. Inclimeters Casing	2.000 EACH	_____.	_____.
0940	SPV.0060 Special 0920. Earth Pressure Cell	8.000 EACH	_____.	_____.
0942	SPV.0060 Special 0925. Geotechnical Instrumentation, R-44-28	1.000 EACH	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0944	SPV.0060 Special 0926. Geotechnical Instrumentation, R-44-52	1.000 EACH	_____.	_____.
0946	SPV.0060 Special 0930. Structure Survey Target	14.000 EACH	_____.	_____.
0948	SPV.0060 Special 1200. Connect to Existing Water Main	2.000 EACH	_____.	_____.
0950	SPV.0060 Special 1205. Remove Water Valve and Box	1.000 EACH	_____.	_____.
0952	SPV.0060 Special 1210. Furnish and Install Insulation Over Water Main	7.000 EACH	_____.	_____.
0954	SPV.0060 Special 1215. Furnish and Install 16-Inch Water Valve in Manhole	1.000 EACH	_____.	_____.
0956	SPV.0060 Special 1220. Furnish and Install 16-Inch Water Valve In Manhole With Water Meter	1.000 EACH	_____.	_____.
0958	SPV.0060 Special 1225. Wastewater Control	1.000 EACH	_____.	_____.
0960	SPV.0060 Special 1230. Connect to Existing Sanitary Sewer Force Main	4.000 EACH	_____.	_____.
0962	SPV.0060 Special 1235. Furnish and Install Insulation Over Sanitary Sewer Force Main	7.000 EACH	_____.	_____.
0964	SPV.0060 Special 1240. Air Valves In Manhole	1.000 EACH	_____.	_____.
0966	SPV.0060 Special 1245. Adjusting Sanitary Manhole Cover	1.000 EACH	_____.	_____.
0968	SPV.0075 Special 0100. Street Sweeping	80.000 HRS	_____.	_____.



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0970	SPV.0075 Special 0105. Obstructions Foundation Drilling	45.000 HRS	_____.	_____.
0972	SPV.0090 Special 0100. HMA Longitudinal Joint Repair	1,500.000 LF	_____.	_____.
0974	SPV.0090 Special 0115. Concrete Barrier Type S42 Special	22,650.000 LF	_____.	_____.
0976	SPV.0090 Special 0120. Concrete Barrier Type S56 Special	26,560.000 LF	_____.	_____.
0978	SPV.0090 Special 0125. Concrete Barrier Fixed Object Protection Type S56 Special	35.000 LF	_____.	_____.
0980	SPV.0090 Special 0150. Concrete Barrier Temporary Precast Left in Place	1,930.000 LF	_____.	_____.
0982	SPV.0090 Special 0200. Drain Slotted Vane Permanent	1,207.000 LF	_____.	_____.
0984	SPV.0090 Special 0205. Drain Slotted Vane Temporary	1,301.000 LF	_____.	_____.
0986	SPV.0090 Special 0210. Cured In Place Pipe Liner 42-Inch	262.000 LF	_____.	_____.
0988	SPV.0090 Special 0300. Maintain and Remove Concrete Barrier Temporary Left in Place	29,800.000 LF	_____.	_____.
0990	SPV.0090 Special 0305. Glare Screen Temporary	17,095.000 LF	_____.	_____.
0992	SPV.0090 Special 0800. Abutment Anchorage	430.000 LF	_____.	_____.
0994	SPV.0090 Special 1200. Remove Water Main 16-Inch	188.000 LF	_____.	_____.



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0996	SPV.0090 Special 1205. 16-Inch Water Main and Fittings	136.000 LF	_____.	_____.
0998	SPV.0090 Special 1210. 16-Inch Water Main and Fittings With 30-Inch Steel Casing	50.000 LF	_____.	_____.
1000	SPV.0090 Special 1215. Remove Sanitary Sewer Force Main 6-Inch	212.000 LF	_____.	_____.
1002	SPV.0090 Special 1220. Remove Sanitary Sewer Force Main 8-Inch	212.000 LF	_____.	_____.
1004	SPV.0090 Special 1225. 6-Inch Sanitary Sewer Force Main and Fittings	166.000 LF	_____.	_____.
1006	SPV.0090 Special 1230. 8-Inch Sanitary Sewer Force Main and Fittings	163.000 LF	_____.	_____.
1008	SPV.0090 Special 1235. 6-Inch Sanitary Sewer Force Main and Fittings With 18-Inch Steel Casing	50.000 LF	_____.	_____.
1010	SPV.0090 Special 1240. 8-Inch Sanitary Sewer Force Main and Fittings With 20-Inch Steel Casing	50.000 LF	_____.	_____.
1012	SPV.0165 Special 0800. Longitudinal Grooving Bridge Deck	32,760.000 SF	_____.	_____.
1014	SPV.0165 Special 0900. Wall Concrete Panel Mechanically Stabilized Earth R-44-28	29,741.000 SF	_____.	_____.
1016	SPV.0165 Special 0905. Wall Concrete Panel Mechanically Stabilized Earth R-44-52	18,400.000 SF	_____.	_____.
1018	SPV.0165 Special 0910. Wall Concrete Panel Mechanically Stabilized Earth R-44-53	18,710.000 SF	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1020	SPV.0180 Special 0100. Concrete Pavement 10 1/2-Inch Special	207,860.000 SY	_____.	_____.
1022	SPV.0180 Special 0200. Topsoil Filled Riprap	977.000 SY	_____.	_____.
1024	SPV.0195 Special 0105. Load Transfer Platform	6,462.000 TON	_____.	_____.
1026	SPV.0060 Special 0270. Inlet Marker	229.000 EACH	_____.	_____.
1028	550.2126 Piling CIP Concrete 12 3/4 X 0.375-Inch	15,081.000 LF	_____.	_____.
1030	603.3255 Concrete Barrier Transition Type F42SF to S42	1.000 EACH	_____.	_____.
1032	SPV.0045 Special 0300. Connected Work Zone Start and End Location Markers	1,340.000 DAY	_____.	_____.
1034	SPV.0045 Special 0305. Connected Arrow Boards	1,340.000 DAY	_____.	_____.
1036	SPV.0060 Special 0275. Structure Lids	28.000 EACH	_____.	_____.
1038	SPV.0090 Special 0155. Fence Temporary	2,755.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

