



Wisconsin Department of Transportation

November 23, 2021

Division of Transportation Systems Development

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

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

NOTICE TO ALL CONTRACTORS:

**Proposal #24: 1229-04-74, WISC 2022106
I-43 North South Freeway
W County Line Road Interchange
IH 43
Milwaukee and Ozaukee Counties**

Letting of December 14, 2021

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
14	Contract Award and Execution
79	Backfill Slurry
116	Maintain and Salvage Crash Cushions Temporary Left in Place, Item SPV.0060.0010
119	Maintain and Salvage Traffic Control Warning Lights Type A Left In Place, Item SPV.0060.0013
120	Maintain and Salvage Traffic Control Barricades Type III Left In Place, Item SPV.0060.0014
182	Maintain and Salvage Temporary Precast Concrete Barrier Left in Place, Item SPV .0090.0015

Added Special Provisions	
Article No.	Description
198	Exposing Existing Infrastructure Paved Area, Item SPV.0060.0950
199	Exposing Existing Infrastructure Unpaved Area, Item SPV.0060.0955
200	Maintain Temporary Precast Concrete Barrier Left in Place, Item SPV.0090.0016
201	Maintain Traffic Control Signs Left in Place, Item SPV.0060.0015

Deleted Special Provisions	
Article No.	Description
117	Maintain and Salvage Traffic Control Signs Left in Place, Item SPV.0060.0011
118	Maintain and Salvage Traffic Control Drums Left in Place, Item SPV.0060.0012

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
371.2000.S	QMP Base Aggregate Dense 1 1/4-Inch Compaction	EACH	57	-29	28
522.1018	Apron Endwall for Culvert Pipe Reinforced Concrete 18-Inch	EACH	2	1	3
606.0300	Riprap Heavy	CY	433	-2	431
608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	1073	44	1117
608.3018	Storm Sewer Pipe Class III- A 18-Inch	LF	1117	-64	1053
611.0642	Inlet Covers Type MS	EACH	57	-2	55
611.3902	Inlets Median 2 Grate	EACH	17	-1	16
628.2008	Erosion Mat Urban Class I Type B	SY	2845	322	3167
643.1205.S	Basic Traffic Queue Warning System	DAY	22	762	784
645.0120	Geotextile Fabric Type HR	SY	860	-4	856
SPV.0085.0003	Seeding Mixture No. 30 Special	LB	1820	6	1826
SPV.0090.0015	Maintain and Salvage Temporary Precast Concrete Barrier Left in Place	LF	12,336	-10,236	2,100

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0060.0015	Maintain Traffic Control Signs Left in Place	EACH	0	316	316
SPV.0060.0950	Exposing Existing Infrastructure Paved Area	EACH	0	10	10
SPV.0060.0955	Exposing Existing Infrastructure Unpaved Area	EACH	0	10	10
SPV.0090.0016	Maintain Temporary Precast Concrete Barrier Left in Place	LF	0	10,236	10,236

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0060.0011	Maintain and Salvage Traffic Control Signs Left in Place	EACH	316	-316	0
SPV.0060.0012	Maintain and Salvage Traffic Control Drums Left in Place	EACH	163	-163	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
320	Proposed Drainage Plan (Converted ditch inlet to endwall to avoid proposed water utility)
321	Proposed Drainage Profile (Converted ditch inlet to endwall to avoid proposed water utility)
340	Proposed Port Washington Pond Details (Extended rip rap limits to bottom of safety shelf, removed overflow weir) reams
341	Proposed Port Washington Pond Details (Extended Seed Mix No. 30 and Erosion Mat to halfway down safety shelf)

692	Miscellaneous Quantities (Updated QMP Base Aggregate Dense 1 1/4-Inch Compaction)
706	Drainage Quantities (Raised inverts from RS_27 to 432-S3, changed pipe to CL IV 18-Inch Reinforced Concrete)
707	Drainage Quantities (Raised inverts from RS_27 to 432-S3, removed Class III-A 18-Inch quantity for pipe)
712	Drainage Quantities (Updated Stage 3 CL IV 18-Inch Reinforced Concrete Totals)
713	Drainage Quantities (Updated Stage 3 CL III-A 18-Inch Reinforced Concrete Totals)
714	Drainage Quantities (Raised inverts from 432A-S4 to RS_27 and 432B-S4-432A-S4, changed pipes to CL IV 18-Inch Reinforced Concrete)
715	Drainage Quantities (Raised inverts from 432A-S4 to RS_27 and 432B-S4-432A-S4, removed CL III-A 18-Inch Reinforced Concrete pipe from quantities)
716	Drainage Quantities (Updated Stage 4 and Project Totals for CL IV 18-Inch Reinforced Concrete Pipe)
717	Drainage Quantities (Updated Stage 4 and Project Totals for CL III-A 18-Inch Reinforced Concrete Pipe)
730	Drainage Quantities (Raised invert elevation for Structure 432A-S4)
731	Drainage Quantities (Raised invert elevation for Structure 432A-S4)
732	Drainage Quantities (Updated Stage 4 and Project Totals for Inlet Cover Type MS Quantity)
733	Drainage Quantities (Updated Stage 4 and Project Totals for Median 2 Grate Quantity)
734	Drainage Quantities (Added quantity information for Reinforced Concrete EW for Structure 432B-S4)
750	Miscellaneous Quantities (Updated Riprap Heavy, Geotextile Fabric Type HR, and Erosion Mat Urban Class I Type B)
751	Miscellaneous Quantities (Updated Erosion Mat Urban Class I Type B)
760	Miscellaneous Quantities (Updated Seeding Mixture No. 30)
765	Miscellaneous Quantities (Updated Basic Traffic Queue Warning System and Maintain Traffic Control Signs Left in Place; -Removed Maintain and Salvage Traffic Control Drums Left in Place)
767	Miscellaneous Quantities (Updated Maintain and Salvage Temporary Precast Concrete Barrier Left in Place and Added Maintain Temporary Precast Concrete Barrier Left in Place)

Added Plan Sheets

Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
343A	Drainage Construction Details (Manhole 10'x10', Manhole 4' Riser Pipe)
343B	Drainage Construction Details (Inlet Type Tee Special)
1393A-1393H	R-45-44 Plans (Replacing B-45-44)

Deleted Plan Sheets

Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
1392-1393	B-45-44 Plans (Replaced with R-45-44)

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

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

1229-04-74

November 23, 2021

Special Provisions

14. Contract Award and Execution.

Replace paragraphs eight and nine with the following:

- (8) At the time of submittal, designated representatives of the apparent low bidder and the department will jointly examine the apparent low bidder's bid documentation to determine if it is authentic, legible, and generally meets the requirements of this special provision. The department will not share the BED information with, or in any other way divulge the contents of, the apparent low bidder's BED to, their subcontractors or any other party.
- (9) The department will also independently examine the BED submitted by the apparent low bidder's subcontractors in the same manner as the apparent low bidder's BED was examined. Only designated representatives of the individual subcontractor and the department will be present during this examination. The department will not share the BED information with, or in any other way divulge the contents of, a subcontractor's BED to, the apparent low bidder or any other party.

79. Backfill Slurry.

Replace paragraph two with the following:

Use fine aggregate according to standard spec 501.2.5.3, number 1, and coarse aggregates conforming to standard spec 501.2.5.4.1 number 1 and number 2, and water conforming to standard spec 501.2.4 in the backfill slurry mix. Provide a combined aggregate gradation for the backfill slurry mix conforming to standard spec 715.2.2. Weigh aggregates at a batch plant suitable for batching concrete masonry. Mix and deliver to the project site using a truck mixer. Add enough water to enable the mixture to flow readily. Submit a mix design for the engineers review prior to placement. Backfill Slurry is considered a class III concrete mix and the department will accept the mix by certification and will follow the QMP process per standard spec 716. Mix acceptance and testing in the field is not required.

116. Maintain and Salvage Crash Cushions Temporary Left In Place, Item SPV.0060.0010.

Replace entire section titled C Construction with the following:

C Construction

Maintain and remove the temporary crash cushion according to standard spec 614.3.4

Salvage the crash cushions temporary left in place according to standard spec 614.3.9.

Remove and stockpile crash cushions temporarily left in place at an on-site location determined by the engineer. Give five days advance notice before starting the salvaging work to coordinate delivery arrangements. Contact Kevin Peiffer, WisDOT Milwaukee County Maintenance, at (414)750-1408. Deliver the crash cushions to the park and ride lot located at the southwest quadrant of the I-43 and Brown Deer Road interchange. Specific location within the park and ride lot for delivery shall be approved by the engineer.

117. Deleted

118. Deleted

119. Maintain and Salvage Traffic Control Warning Lights Type A Left In Place, Item SPV.0060.0013.

Replace entire section titled C Construction with the following

C Construction

Maintain and remove the traffic control warning lights type A left in place according to standard spec 643.2

Salvage the traffic control warning lights type A left in place according to standard spec 643.3.

Remove and stockpile traffic control warning lights type A left in place at an on-site location determined by the engineer. Give five days advance before starting the salvaging work to coordinate delivery arrangements. Contact Jim Weiglein, WisDOT Ozaukee County Maintenance, at (414) 750-1406.

Perform work according to the pertinent provisions of standard spec 643.3, as shown on the plans, and as hereinafter provided.

120. Maintain and Salvage Traffic Control Barricades Type III Left In Place, Item SPV.0060.0014.

Replace entire section titled C Construction with the following

C Construction

Maintain and remove the traffic control barricades type III left in place according to standard spec 643.2

Salvage the traffic control barricades type III left in place according to standard spec 643.3.

Remove and stockpile traffic control barricades type III left in place at an on-site location determined by the engineer. Give five days advance notice before starting the salvaging work to coordinate delivery arrangements. Contact Jim Weiglein, WisDOT Ozaukee County Maintenance, at (414) 750-1406.

Perform work according to the pertinent provisions of standard spec 643.3, as shown on the plans, and as hereinafter provided.

182. Maintain and Salvage Temporary Precast Concrete Barrier Left In Place, Item SPV.0090.0015.

Replace entire section titled C Construction with the following

C Construction

Salvage the temporary precast concrete barrier left in place according to standard spec 614.3.9.

Remove and stockpile temporary precast concrete barrier left in place at an on-site location determined by the engineer. Give five days advance notice to Milwaukee County and Ozaukee County before starting the salvaging work to coordinate delivery arrangements. For temporary precast concrete barrier being delivered to Milwaukee County, contact Kevin Peiffer, WisDOT Milwaukee County Maintenance, at (414) 750-1408 . For temporary precast concrete barrier being delivered to Ozaukee County, contact Jim Weiglein, WisDOT Ozaukee County Maintenance, at: (414) 750-1406. Deliver the concrete barrier to the park and ride lot located

at the southwest quadrant of the I43 and Brown Deer Road interchange. Specific location within the park and ride lot for delivery shall be approved by the engineer. The temporary precast concrete barrier left in place delivered to the park and ride lot shall be undamaged and in good working order as approved by the engineer.

198. Exposing Existing Infrastructure Paved Area, Item SPV.0060.0950.

A Description

This work includes locating and exposing existing infrastructure in paved areas as directed by the engineer. The contractor shall be responsible for compliance with s.182.0175 (2), Stats., with respect to precautions to be taken to avoid and prevent damage to utility facilities. The location of existing utilities and infrastructure needed to complete the contract work shall be addressed independent of this provision. Conform to Wisconsin State Statute 182.0175 (2) and Wisconsin Administrative code Trans 220. The work includes exposing existing infrastructure, including utilities, under paved surfaces and providing both lateral and depth measurements for use in determining potential infrastructure conflict solutions, and backfilling.

B Materials

B.1 Backfill Slurry

Utilize backfill slurry as specified elsewhere in these special provisions.

C Construction

C.1 General

The location of existing utilities and infrastructure needed to complete the contract work shall be addressed independent of this provision. This item will only be used as determined by the department for unique locations as directed by the engineer. It does not remove the contractor's obligation to locate utilities as specified by Wisconsin Administrative code Trans 220 and Wisconsin State Statute 182.0175. The engineer will direct all exposing existing infrastructure in writing. Coordinate infrastructure exposures with the engineer and notify the infrastructure owner or their agents of this work two working days in advance so that they may be present when the work commences.

C.2 Excavation

Remove all paved surfaces at locations where the existing infrastructure is being exposed. Saw or remove concrete and asphaltic pavements to the nearest joint. Remove all pavement surfaces in such a way that all existing edges consist of a true line having a perpendicular edge with no unraveling. Maintain drainage at all times in accordance to standard spec 205.3.3. Take precautions, including temporary shoring, in order to prevent any undermining of the existing roadway. Perform work in accordance to all applicable laws, ordinances, rules, regulations, and OSHA standards.

Expose all infrastructure locations within a given location to a minimum depth of 18-inches below the bottom of each infrastructure. Excavate in a manner that protects the integrity of the infrastructure and prevents any damage to wrappings or protective coatings such as by any mechanical method or hand digging. Notify the infrastructure owner promptly if damage or interruption of service occurs. Repair all damage caused to such infrastructure resulting from negligence or carelessness at own expense.

Take all lateral and depth measurements in US feet and tenths thereof. Identify horizontal locations of each exposed infrastructure with a coordinate northing and easting referenced to the Wisconsin County Coordinate System (WCCS), Milwaukee County, NAD 83 (97). Provide vertical elevations for each exposed infrastructure and reference to NAVD 88 (91).

The infrastructure location shall remain exposed and available for visual inspection until the completion of all work in a given location. If the infrastructure shall remain exposed overnight or for prolonged periods of time, protect the location with traffic-rated steel plating, safety barriers, and all necessary traffic control devices that may be required under applicable standards or as directed by the engineer.

C.3 Backfilling

Upon completion of the infrastructure exposure, restore the location in kind to its original condition. When exposed infrastructure locations fall within local streets or city right-of-way, use backfill slurry to fill the entire location to the subgrade elevation.

Restore concrete pavement and concrete base course to the depth found in the existing roadway. Replace all locations that fall within live lanes of any roadway or pedestrian traffic with a high early-strength concrete pavement mix design having a depth equivalent to the existing pavement structure unless directed otherwise by the engineer. Locations that are closed to through traffic may use an approved concrete pavement mix conforming to standard spec 501. If directed by the engineer, tie concrete pavement and/or dowel it to the existing pavement according to the standard detail drawing for concrete pavement. All locations requiring asphaltic pavement shall consist of HMA Pavement Type E-3 unless otherwise directed by the engineer. Place the HMA pavement in lifts to a depth as directed by the engineer. Apply tack coat to composite pavement structures and between lifts. Alternate restoration methods may be used upon written approval from the engineer. Place base aggregate dense between the subgrade surface and the bottom of the pavement.

C.4 Documentation

Provide documentation to the engineer and include the coordinates, elevations, and sketches of the infrastructure locations tied to known features in the plans. Reference each infrastructure to a proposed alignment with a station and offset. Where near a ramp, reference the ramp alignment. Document the size and/or diameter, composition, and a description of each infrastructure and the location of the elevation with respect to each infrastructure noted. Supply digital photographs of the uncovered infrastructure to the engineer in .jpeg format for future reference.

D Measurement

The department will measure Exposing Existing Infrastructure Paved Area as a unit for each location. A location may have multiple infrastructures located within the same exposure area. An exposure area will include all infrastructures within 6 lateral feet of each other and payment will only be made for one unit regardless of the number of infrastructures exposed. If the distance from the existing ground elevation, located above 1060-33-81, 1060-34-82, 1060-43-81 Page 371 of 936 the existing infrastructure, to a point 18 inches below the exposed infrastructure is between 0 and 6 feet, the department will measure each location as a single unit of work. If the distance from the existing ground elevation, located above the existing infrastructure, to a point 18 inches below the exposed infrastructure is greater than 6 feet and less than 12 feet, the department will pay for the item as two units of work.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.00950	Exposing Existing Infrastructure Paved Area	Each

Payment is full compensation for mobilization; for furnishing all excavation; for disposing of all materials; for locating all infrastructure within each respective location; for providing documentation and photographs of infrastructure locations to the engineer; for furnishing all surveying associated with exposing existing infrastructure; for furnishing all

maintenance of the location during construction; for furnishing all traffic control, safety barriers, and steel plating required; for temporary shoring; and for furnishing all finishing items including, but not limited to, base aggregate dense, backfill slurry, concrete pavement, HMA pavement, curb and gutter, and sidewalk located above the subgrade elevation

199. Exposing Existing Infrastructure Unpaved Area, Item SPV.0060.0955.

A Description

This work includes locating and exposing existing infrastructure in unpaved areas as directed by the engineer. The contractor shall be responsible for compliance with s.182.0175 (2), Stats., with respect to precautions to be taken to avoid and prevent damage to utility facilities. The location of existing utilities and infrastructure needed to complete the contract work shall be addressed independent of this provision. Conform to Wisconsin State Statute 182.0175 (2) and Wisconsin Administrative code Trans 220. The work includes exposing existing infrastructure, including utilities, under unpaved surfaces and providing both lateral and depth measurements for use in determining potential infrastructure conflict solutions, and backfilling.

B Materials

B.1 Backfill Slurry

Utilize backfill slurry as specified elsewhere in these special provisions.

C Construction

C.1 General

The location of existing utilities and infrastructure needed to complete the contract work shall be addressed independent of this provision. This item will only be used as determined by the department for unique locations as directed by the engineer. It does not remove the contractor's obligation to locate utilities as specified by Wisconsin Administrative code Trans 220 and Wisconsin State Statute 182.0175. The engineer will direct all exposing existing infrastructure in writing. Coordinate infrastructure exposures with the engineer 1060-33-81, 1060-34-82, 1060-43-81 Page 372 of 936 and notify the infrastructure owner or their agents of this work two working days in advance so that they may be present when the work commences.

C.2 Excavation

Remove all unpaved surfaces at locations where the existing infrastructure is being exposed. Maintain drainage at all times in accordance to standard spec 205.3.3. Take precautions, including temporary shoring, in order to prevent any undermining of the existing roadway. Perform work in accordance to all applicable laws, ordinances, rules, regulations, and OSHA standards.

Expose all infrastructure locations within a given location to a minimum depth of 18-inches below the bottom of each infrastructure. Excavate in a manner that protects the integrity of the infrastructure and prevents any damage to wrappings or protective coatings such as by any mechanical method or hand digging. Notify the infrastructure owner promptly if damage or interruption of service occurs. Repair all damage caused to such infrastructure resulting from negligence or carelessness at own expense.

Take all lateral and depth measurements in US feet and tenths thereof. Identify horizontal locations of each exposed infrastructure with a coordinate northing and easting referenced to the Wisconsin County Coordinate System (WCCS), Milwaukee County, NAD 83 (97). Provide vertical elevations for each exposed infrastructure and reference to NAVD 88 (91). The infrastructure location shall remain exposed and available for visual inspection until the completion of all work in a given location. If the infrastructure shall remain exposed

overnight or for prolonged periods of time, protect the location with traffic-rated steel plating, safety barriers, and all necessary traffic control devices that may be required under applicable standards or as directed by the engineer.

C.3 Backfilling

Upon completion of the infrastructure exposure, restore the location in kind to its original condition. Use backfill slurry, conforming to standard spec 501, to backfill the exposed infrastructure locations to the subgrade elevation except for areas located within local streets. In grassy areas, place 6-inches of topsoil, sod or seed and mulch, and fertilizer. Alternate restoration methods may be used upon written approval from the engineer.

C.4 Documentation

Provide documentation to the engineer and include the coordinates, elevations, and sketches of the infrastructure locations tied to known features in the plans. Reference each infrastructure to a proposed alignment with a station and offset. Where near a ramp, reference the ramp alignment. Document the size and/or diameter, composition, and a description of each infrastructure and the location of the elevation with respect to each infrastructure noted. Supply digital photographs of the uncovered infrastructure to the

D Measurement

The department will measure Exposing Existing Infrastructure Unpaved Area as a unit for each location. A location may have multiple infrastructures located within the same exposure area. An exposure area will include all infrastructures within 6 lateral feet of each other, and payment will only be made for one unit regardless of the number of infrastructures exposed. If the distance from the existing ground elevation, located above the existing infrastructure, to a point 18 inches below the exposed infrastructure is between 0 and 6 feet, the department will measure each location as a single unit of work. If the distance from the existing ground elevation, located above the existing infrastructure, to a point 18 inches below the exposed infrastructure is greater than 6 feet and less than 12 feet, the department will pay for the item as two units of work.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.0955	Exposing Existing Infrastructure Unpaved Area	Each

Payment is full compensation for mobilization; for furnishing all excavation; for disposing of all materials; for locating all infrastructure within each respective location; for providing documentation and photographs of infrastructure locations to the engineer; for furnishing all surveying associated with exposing existing infrastructure; for furnishing all maintenance of the location during construction; for furnishing all traffic control, safety barriers, and steel plating required; or temporary shoring; for furnishing backfill slurry and backfilling the locate.

200. Maintain Temporary Precast Concrete Barrier Left In Place, Item SPV.0090.0016.

A Description

This special provision describes maintaining temporary precast concrete barrier left in place according to standard spec 614 and as hereinafter provided.

B (Vacant)

C Construction

Maintain temporary precast concrete barrier left in place according to standard spec 603.3.2.

D Measurement

The department will measure Maintain Temporary Precast Concrete Barrier Left In Place by the linear foot, 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.0090.0016	Maintain Temporary Precast Concrete Barrier Left In Place	LF

Payment is full compensation for maintaining and removing the temporary precast concrete barrier.

201. Maintain Traffic Control Signs Left In Place, Item SPV.0060.0015.

A Description

This special provision describes maintaining Traffic Control Signs Left In Place as shown on the plans.

B Materials

Furnish any replacement materials for the temporary traffic control signs left in place by others according to the pertinent requirements of standard spec 643.2

C Construction

Maintain and remove the traffic control signs left in place according to standard spec 643.2

D Measurement

The department will measure Maintain Traffic Control Signs Left In Place as each individual sign location, 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.0060.0015	Maintain Traffic Control Signs Left In Place	EACH

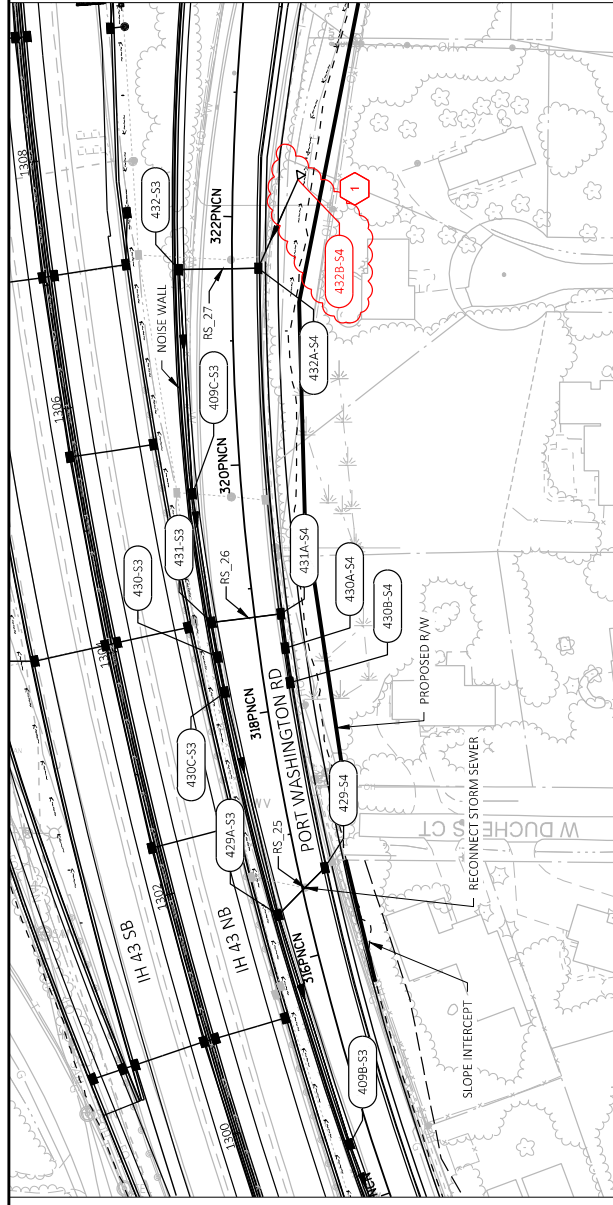
Payment is full compensation for maintaining and removing traffic control signs.

Schedule of Items

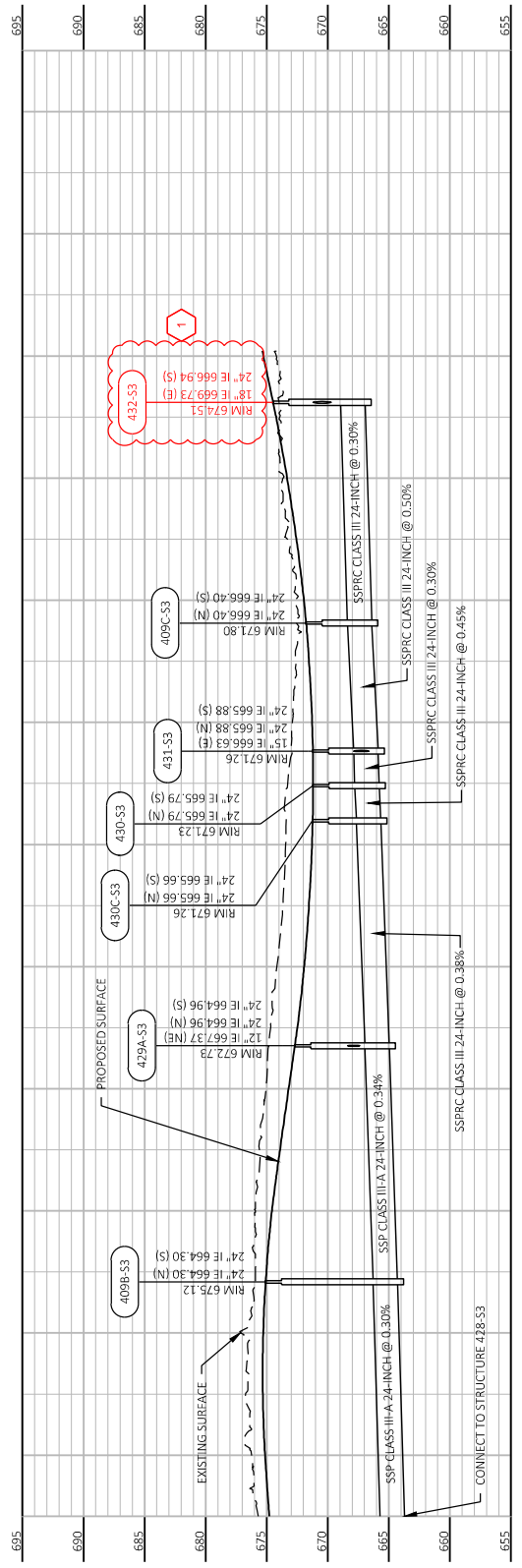
Attached, dated November 19, 2021, are the revised Schedule of Items Pages 1 - 35.

Plan Sheets

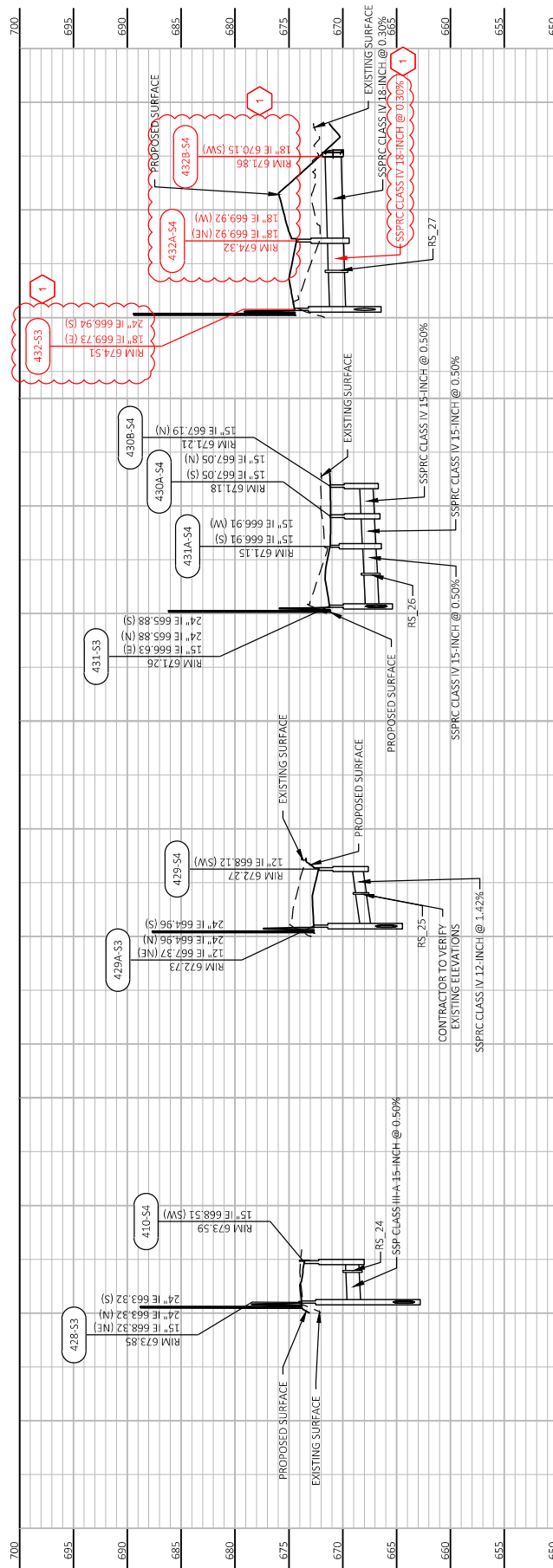
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 320, 321, 340, 341, 692, 706, 707, 712, 713, 714, 715, 716, 717, 730, 731, 732, 733, 734, 750, 751, 760, 765 and 767.
Added: 343A, 343B, and 1393A – 1393H.
Deleted: 1392 and 1393.



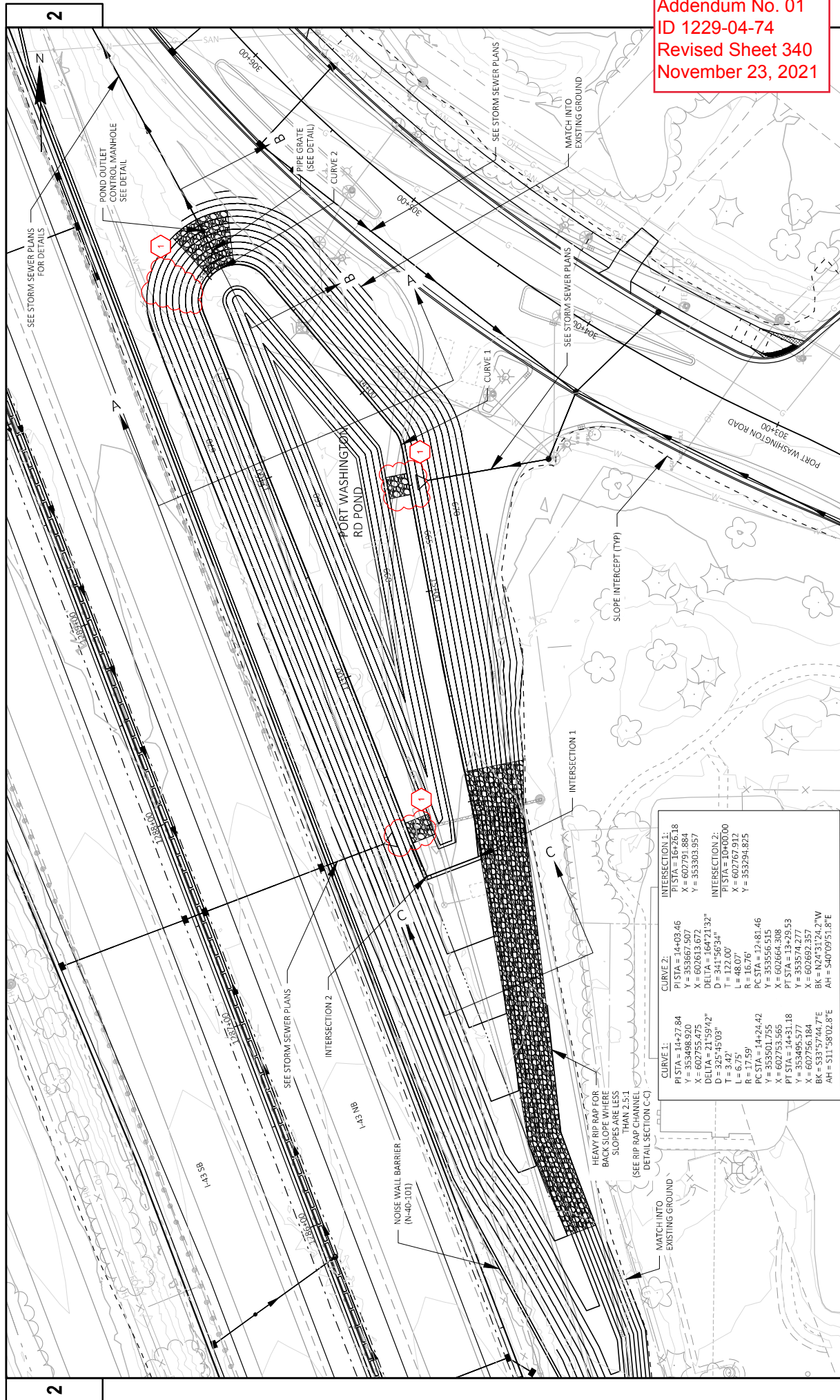
Addendum No. 01
ID 1229-04-74
Revised Sheet 320
November 23, 2021



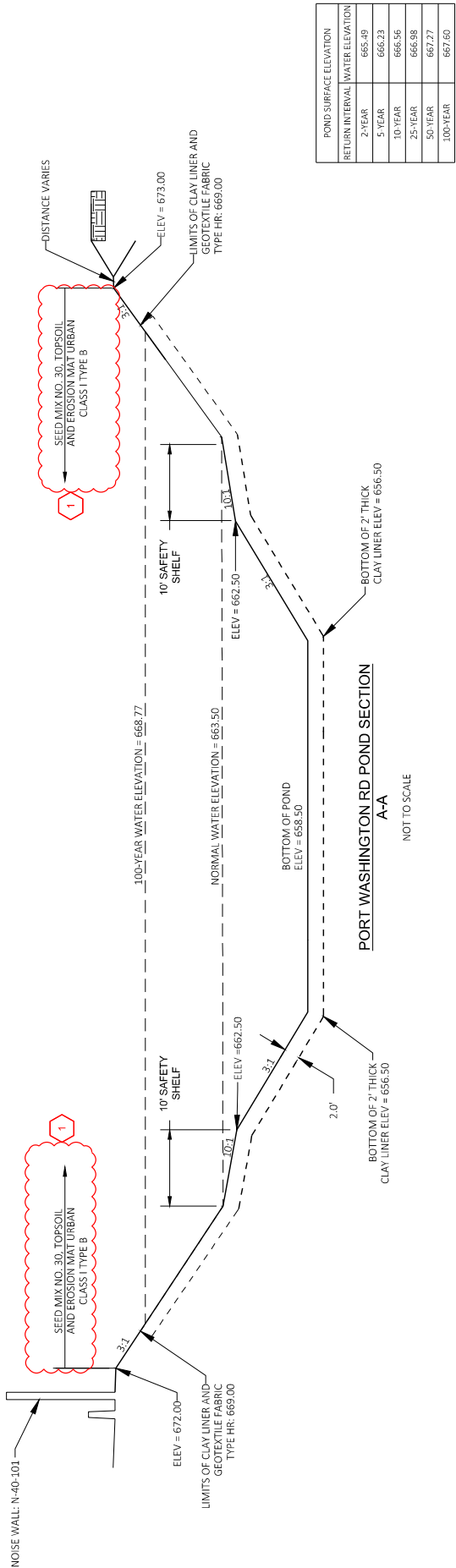
PROJECT NO: 1229-04-74	COUNTY: MILWAUKEE / OZAUKEE	SHEET 320	E
FILE NAME: C:\CADD\B\PAWPATEK\GREATLAKES\002\262252501_35_CN-SR.DWG	LAYOUT NAME: SR_U4	PLOT SCALE: 1 IN=100 FT	WIS007CADDSSHEET 42
HWY: IH 43	STORM SEWER PLAN & PROFILE SIDEROAD - PORT WASHINGTON ROAD	1 IN=100 FT	
PROJECT DATE: 11/17/2021 1:18 PM	PLOT BY: ANDREW PATEK	PLOT NAME:	



Addendum No. 01
 ID 1229-04-74
 Revised Sheet 321
 November 23, 2021



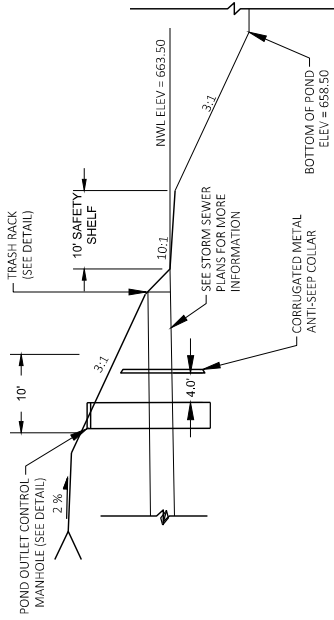
CURVE 1:	INTERSECTION 1:
PI STA = 14+37.84	PI STA = 16+26.18
Y = 353498.920	X = 602791.884
X = 602755.425	Y = 353303.957
DELTA = 21°59'42"	
D = 325'45'03"	INTERSECTION 2:
T = 342'	PI STA = 10+00.00
L = 6.75'	X = 602767.912
R = 17.59'	Y = 353294.825
PC STA = 14+24.42	
Y = 353501.755	
X = 602753.365	
PT STA = 14+46.18	
Y = 353498.571	
X = 602756.184	
BK = 53°57'44.7"E	
AH = 511°58'02.8"E	



PORT WASHINGTON RD POND SECTION A-A

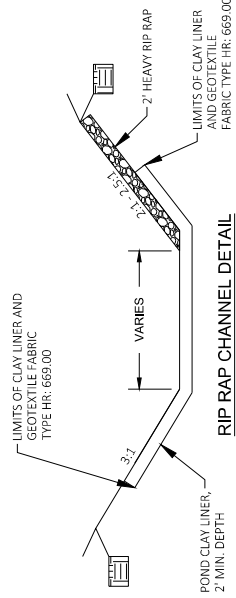
NOT TO SCALE

Addendum No. 01
ID 1229-04-74
Revised Sheet 341
November 23, 2021



PORT WASHINGTON RD POND SECTION B-B

NOT TO SCALE

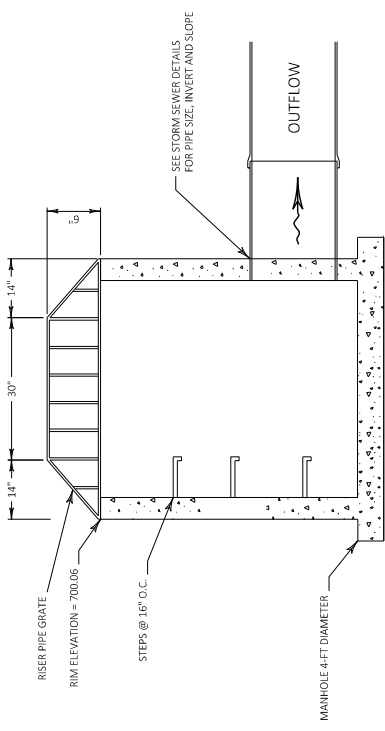
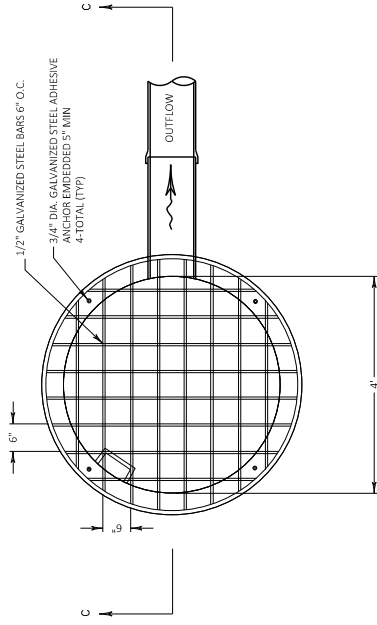


RIP RAP CHANNEL DETAIL SECTION C-C

STA 1285NB+50 TO 1287NB+68

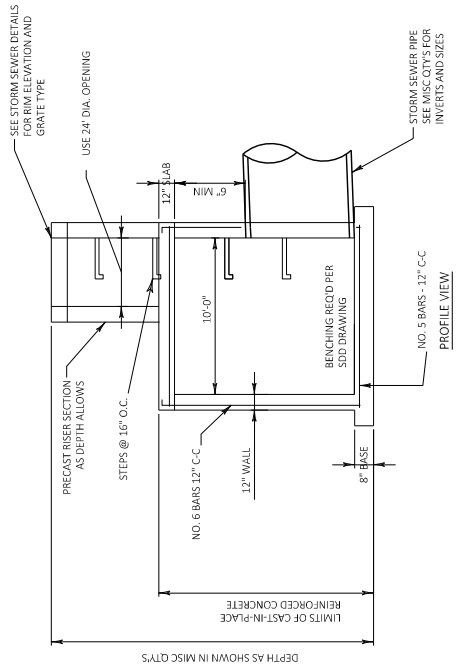
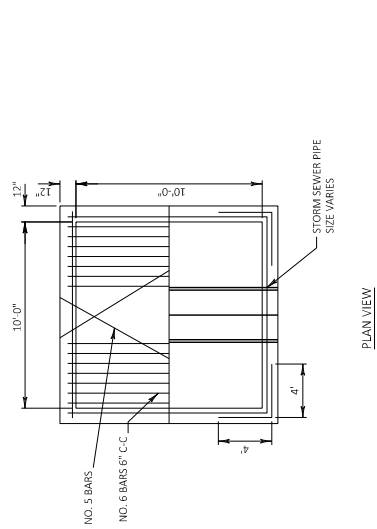
NOTES:
 DETAILS FOR CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS

Addendum No. 01
ID 1229-04-74
Added Sheet 343A
November 23, 2021

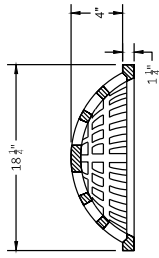
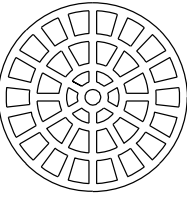


NOTES
DETAILS FOR CONSTRUCTION, MATERIALS,
AND WORKMANSHIP NOT SHOWN ON THIS
SHEET SHALL CONFORM TO THE PERTINENT
REQUIREMENTS OF THE STANDARD
SPECIFICATIONS AND THE APPLICABLE
SPECIAL PROVISIONS

SECTION C-C
MANHOLE 4-FT RISER PIPE
NOT TO SCALE

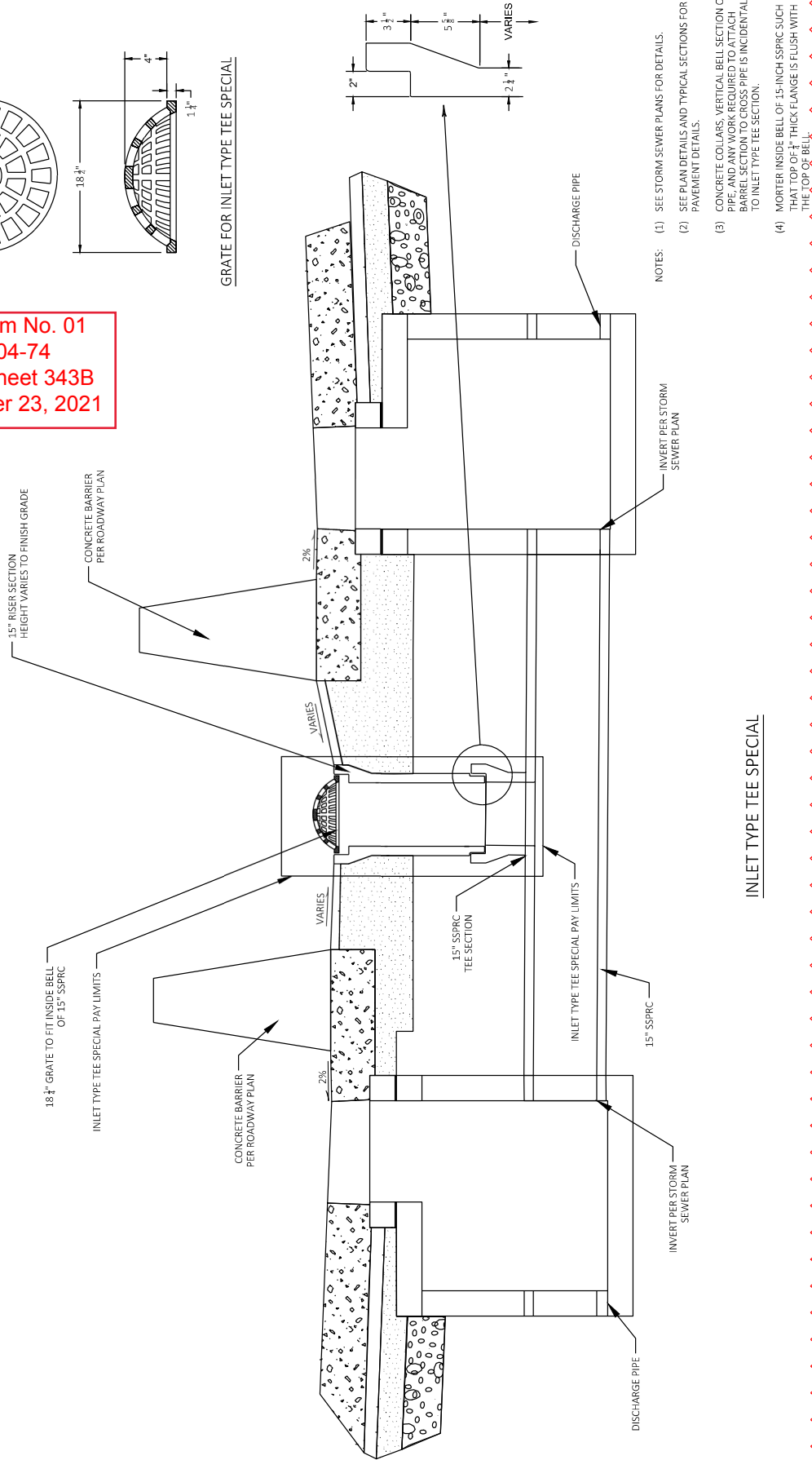


MANHOLE 10' X 10'
NOT TO SCALE
NOTE: PRE-CAST MANHOLE MAY BE
SUBSTITUTED FOR CAST-IN-PLACE/BLOCK
SEE STORM SEWER MISC CITYS FOR LOCATIONS



GRATE FOR INLET TYPE TEE SPECIAL

Addendum No. 01
 ID 1229-04-74
 Added Sheet 343B
 November 23, 2021



- NOTES:
- (1) SEE STORM SEWER PLANS FOR DETAILS.
 - (2) SEE PLAN DETAILS AND TYPICAL SECTIONS FOR PAVEMENT DETAILS.
 - (3) CONCRETE COLLARS, VERTICAL BELL SECTION OF PIPE AND ANY WORK REQUIRED TO ATTACH BARREL SECTION TO CROSS PIPE IS INCIDENTAL TO INLET TYPE TEE SECTION.
 - (4) MORTAR INSIDE BELL OF 15-INCH SSPPRC SUCH THAT TOP OF 3/4" THICK FLANGE IS FLUSH WITH THE TOP OF BELL.

INLET TYPE TEE SPECIAL

BASE AND SUBBASE ITEMS

BASE AND SUBBASE ITEMS

CATEGORY	STAGE	ROADWAY	STATION TO STATION	OFFSET	371.2000.S		211.0400		STATION TO STATION	OFFSET	371.2000.S		211.0400		
					OMP	BASE	PREPARE	FOUNDATION			OMP	BASE	PREPARE	FOUNDATION	
					TON	EACH	TON	STA						TON	STA
					DENSE	1.1/4-INCH	DENSE	FOR						DENSE	FOR
					COMPACTION	CONTRACT	COMPACTION	SHOULDER						COMPACTION	SHOULDER
					1.1/4-INCH	CONTRACT	1.1/4-INCH	RUN						1.1/4-INCH	RUN
					CONTRACT	CONTRACT	CONTRACT	TON						CONTRACT	TON
1000	1	MAINLINE IH43.RB	1294+25 - 1306+00 1327+75 - 1330+75	RT RT	516 256	- -	1,238 614	12 3	1282+46 - 1303+00 1319+00 - 1360+06	RT RT	2,384 5,907	- -	5,129 12,404	- -	
1000	1	LOCAL ROADS IH43.SB	1329+25 - 1332+25	LT	267	-	641	3	1282+46 - 1303+00 1319+00 - 1360+06	LT LT	2,643 4,675	- -	5,796 10,190	- -	
1000	1	LOCAL ROADS N.POR/WASHINGTON.RD	351PNCN+51 - 353PNCN+33	RT	86	-	206	2	1332CNA+87 - 1342CNA+84	L7/RT	1,550	-	3,211	-	
1000	1	LOCAL ROADS N.POR/WASHINGTON.LLN	23PW+81 - 352PNCN+81	L7/RT	549	-	1,318	12	1318CNB+07 - 1327CNB+23	L7/RT	2,132	-	4,436	-	
STAGE 1 SUBTOTAL					1,674	0	4,017	32	1297CNC+00 - 1300CNC+55 1300CNC+55 - 1310CNC+87	L7/RT L7/RT	381 1,752	- -	804 3,704	- -	
1000	2	MAINLINE IH43.RB	1273+65 - 1282+46 1282+46 - 1303+00 1303+00 - 1319+00 1318+95 - 1360+06 1360+06 - 1369+16	RT RT RT RT RT	811 3,260 1,411 6,549 811	- - - - -	1,953 7,292 3,386 14,612 1,945	- 16 -	1331CND+66 - 1341CND+52 1341CND+52 - 1348CND+96	L7/RT L7/RT	1,714 1,015	- -	2,974 2,358	- -	
1000	2	LOCAL ROADS IH43.SB	1273+66 - 1282+46 1282+46 - 1303+00 1303+00 - 1308+27 1308+27 - 1315+00 1319+00 - 1360+06 1360+06 - 1373+35	LT LT LT LT LT LT	756 3,268 278 167 7,025 1,233	- - - - - -	1,816 7,311 668 400 15,034 2,959	- -	10+85 - 19+75	L7/RT	2,137	-	5,128	-	
1000	2	LOCAL ROADS N.POR/WASHINGTON.RD	325PNCN+76 - 326PNCN+04 327PNCN+00 - 341PNCN+30 327PNCN+00 - 329PNCN+40 327PNCN+06 - 339PNCN+71 347PNCN+18 - 350PNCN+97	RT RT RT LT L7/RT	31 3,873 427 3,253 2,315	- 4 - 4 -	74 5,577 1,024 4,684 3,334	- -	299PSCN+00 - 309PSCN+00 308PSCN+27 - 324PSCN+53 309PSCN+00 - 324PSCN+76 339PSCN+71 - 341PSCN+36 341PNCN+30 - 343PNCN+66 346PNCN+26 - 347PNCN+10 349PSCN+77 - 353PSCN+62	RT LT LT LT L7/RT L7/RT	542 35,142 183 4,605 404 4,049 444	- 8 - - 8 - - -	- 68,645 440 10,093 5,829 639 2,996 1,173 1,780 22,890	- 0 2 - - - - - 2	
1000	2	LOCAL ROADS N.POR/WASHINGTON.LLN	11PWLS+00 - 16PWLS+24 24PW+55 - 27PW+74 26PNCN+19 - 28PNCN+13 27PW+74 - 30PW+50 30PW+00 - 30PW+52	LT LT LT L7/RT LT	1,027 100 3,796 1,228 36	- - - - -	- - - - -	- -	21CN+66 - 26CN+81 28CN+55 - 29CN+71 29CN+71 - 32CN+80	L7/RT L7/RT L7/RT	2,039 815 1,236	- - -	2,996 1,173 1,780	- - -	
1000	2	LOCAL ROADS W.FIESTA LN	15F+23 - 16FL+80	L7/RT	544	-	-	-	1303+00 - 1318+95	RT	3,988	-	8,404	-	
1000	2	LOCAL ROADS DONGES BAY	50DB+13 - 55DB+44 57DB+34 - 64DB+40	L7/RT L7/RT	1,522 1,642	- -	- -	- -	1308+84 - 1318+96	L7/RT	1,644	-	3,536	-	
1000	2	LOCAL ROADS N.LAURESTAR	13LC+00 - 15LC+14 15LC+56 - 16LC+80	L7/RT L7/RT	362 330	- -	- -	- -	STAGES SUBTOTAL		5,632	0	11,940	0	
STAGE 2 SUBTOTAL					45,557	8	72,068	34	TOTALS		101,376	28	179,560	68	

Addendum No. 01
 ID 1229-04-74
 Revised Sheet 692
 November 23, 2021

Addendum No. 01
 ID 1229-04-74
 Revised Sheet 712
 November 23, 2021

STORM SEWER PIPES

522.0412 522.0415 608.0315 608.0318 608.0324 608.0330 608.0336 608.0342 608.0348 608.0360 608.0412 608.0415 608.0418 608.0424 608.0430 608.0442 608.0484 608.0560
 CULVERT PIPE
 REINFORCED
 CONCRETE CLASS
 IV

LOCATION	FROM	TO	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT	12-INCH		15-INCH		18-INCH		24-INCH		30-INCH		36-INCH		42-INCH		48-INCH		60-INCH		84-INCH		108-INCH		
						LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
PW-NB-CN	460C-S3	460D-S3	683.10	682.57	0.0079																							
PN-CN	461B-S3	461C-S3	675.05	674.94	0.0050																							
PNSL-CN	461C-S3	462A-S3	674.40	674.40	0.0050																							
PNSL-CN	462D-S3	463A-S3	674.76	674.08	0.0081																							
PW-NB-CN	463A-S3	463E-S3	674.08	673.86	0.0080																							
PNSL-CN	463D-S3	463A-S3	675.31	675.31	0.0032																							
PNSL-CN	464A-S3	464B-S3	675.74	675.64	0.0048																							
PW-SB-CN	464B-S3	464C-S3	675.64	675.64	0.0058																							
43-RL	464E-S3	464A-S3	675.87	675.74	0.0050																							
PW-SB-CN	465A-S3	466A-S3	674.21	674.15	0.0030																							
PW-SB-CN	466A-S3	467A-S3	674.15	674.09	0.0030																							
PW-SB-CN	466B-S3	466A-S3	674.25	674.15	0.0030																							
43-RL	467A-S3	467E-S3	673.98	673.98	0.0030																							
PW-SB-CN	467B-S3	466C-S3	673.88	673.47	0.0056																							
43-RL	467C-S3	466A-S3	674.19	674.15	0.0030																							
PW-NB-CN	467E-S3	467B-S3	673.98	673.88	0.0030																							
KT-CN	468A-S3	468A-S3	671.04	671.04	0.0050																							
KT-CN	468B-S3	468A-S3	671.26	671.26	0.0051																							
KT-CN	468C-S3	468B-S3	676.17	676.14	0.0055																							
KT-CN	468D-S3	468C-S3	676.32	676.17	0.0049																							
KT-CN	469C-S3	469C-S3	674.20	674.09	0.0050																							
KT-CN	469D-S3	469E-S3	674.27	674.09	0.0050																							
KT-CN	469E-S3	469B-S3	672.34	641.43	0.0050																							
KT-CN	470A-S3	470E-S3	673.49	673.43	0.0030																							
KT-CN	470B-S3	470E-S3	673.53	673.43	0.0035																							
KT-CN	470C-S3	470A-S3	673.55	673.49	0.0030																							
KT-CN	470D-S3	470B-S3	673.53	673.53	0.0035																							
KT-CN	470E-S3	469E-S3	673.18	672.34	0.0050																							
KT-CN	471A-S3	471C-S3	674.38	674.28	0.0050																							
KT-CN	471B-S3	471C-S3	674.40	674.28	0.0050																							
KT-CN	471C-S3	470E-S3	674.03	673.18	0.0050																							
PW-NB-CN	460D-S3	462C-S2	682.57	682.11	0.0075																							
PN-CN	462A-S3	462B-S2	674.39	674.36	0.0039																							
PW-NB-CN	464C-S3	464D-S2	675.60	675.44	0.0040																							
PW-NB-CN	466C-S3	465F-S2	673.47	673.36	0.0055																							
43-RL	405-S3	421-S1	663.88	663.75	0.0038																							
43-RL	427-S3	425-S1	662.85	662.40	0.0030																							
43-RL	4312-S2	4328-S3	663.61	663.52	0.0051																							
KT-CN	472A-S3	472B-S3	676.30	676.05	0.0116																							
KT-CN	472C-S3	472D-S3	675.17	675.00	0.0066																							
43-RL	425-S1	RS_12	658.85	658.56	0.0103																							
43-RL	4078-S3	4079-S4	666.57	666.86	0.0048																							
PW-NB-CN	446-S3	RS_124	672.60	672.51	0.0050																							
43-RL	482-S3	467D-S3	674.11	673.98	0.0030																							
PW-NB-CN	463J-S3 (N)	FISH CRK JCT	672.13	672.00	0.0055																							
PW-NB-CN	463J-S3 (S)	FISH CRK JCT	672.13	672.00	0.0055																							
PW-NB-CN	RS_130	FISH CRK JCT	661.53	661.45	0.0100																							
PW-NB-CN	RS_131	FISH CRK JCT	661.53	661.45	0.0100																							
43-RL	4317C-S3	4317B-S4	663.03	662.40	0.0050																							
1229-04-74 STAGE 4						STAGE 3 SUBTOTAL		0	41	0	1094	2834	773	23	0	136	162	40	480	14	0	0	0	242	0			
43-RL	RS_12	426-S4	658.56	657.92	0.0116																							

PROJECT NO:	1229-04-74	COUNTY:	MILWAUKEE / OZAUKEE	MISCELLANEOUS QUANTITIES	SHEET	712	
FILE NAME:	C:\CADD\BYPW\BATEK\GREATLAKES\0025625\02591_35_CN-RS.DWG	LOT DATE:	3/17/2021 7:59 PM	LOT NAME:	ANDREW PATEK	LOT SCALE:	1 IN=100 FT
LAYOUT NAME:	BLANK COPY						

Addendum No. 01
ID 1229-04-74
Revised Sheet 715
November 23, 2021

608.2434 608.3012 608.3015 608.3018 608.3024 608.3615 608.3618
STORM SEWER PIPE

LOCATION	FROM	TO	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT	REINFORCED CONCRETE				COMMENTS
						CLASS III-A 12-INCH	CLASS III-A 15-INCH	CLASS III-A 18-INCH	CLASS III-B 24-INCH	
43-RL	RS_36	4096-S4	652.44	652.41	0.0014	--	--	--	--	
43-RL	4096-S4	RS_29	666.54	666.52	0.0004	--	19	--	--	
43-RL	RS_119	4096-S4	665.95	665.95	0.0050	--	21	--	--	
43-RL	404-S4	RS_120	664.89	664.81	0.0053	--	14	--	--	
43-RL	4079-S4	RS_34	666.66	666.54	0.0050	--	--	--	--	
43-RL	407-S4	RS_121	665.53	665.41	0.0050	--	--	--	--	
43-RL	4086-S4	RS_35	661.99	661.83	0.0050	--	--	--	--	
43-RL	408A-S4	RS_118	665.76	665.65	0.0050	--	--	--	--	
43-RL	408-S4	RS_117	665.74	665.62	0.0050	--	--	--	--	
43-RL	4093-S4	RS_36	659.18	658.99	0.0050	--	--	--	--	
43-RL	410-S4	RS_24	668.51	668.47	0.0050	--	9	--	--	
43-RL	411A-S4	411G-S4	676.00	675.67	0.0050	--	67	--	--	
43-RL	411B-S4	411G-S4	675.89	675.67	0.0050	--	45	--	--	
43-RL	411C-S4	4285-S4	675.52	674.55	0.0047	--	207	--	--	
PW-NB-CN	411D-S4	4285-S4	672.89	672.87	0.0035	--	--	35	--	
43-RL	411E-S4	411F-S4	673.60	673.16	0.0035	--	--	125	--	
43-RL	411F-S4	411G-S4	673.16	672.99	0.0035	--	--	48	--	
43-RL	411G-S4	411H-S4	675.67	675.52	0.0088	--	15	--	--	
CN	411H-S4	411-S4	676.39	676.39	0.0035	--	38	--	--	
CN	411J-S4	411B-S4	675.96	675.89	0.0049	--	14	--	--	
CN	411K-S4	411C-S4	675.63	675.52	0.0049	--	--	--	--	
CN	411L-S4	411B-S4	676.02	675.89	0.0038	--	--	--	--	
CN	411M-S4	4286-S4	676.28	673.22	0.0266	--	--	--	--	
43-RL	411-S4	411A-S4	676.39	676.00	0.0056	--	69	--	--	
43-RL	427A-S4	RS_23	666.96	666.91	0.0049	--	10	--	--	
43-RL	4285-S4	4286-S4	657.97	657.86	0.0050	--	--	--	--	
43-RL	4286A-S4	RS_48	657.47	656.73	0.0172	--	--	--	--	
43-RL	4286-S4	4286A-S4	657.96	657.80	0.0059	--	--	--	--	
43-RL	4288-S4	4284-S4	657.49	657.43	0.0043	--	--	--	--	
43-RL	4292-S4	4288-S4	657.99	657.49	0.0050	--	--	--	--	
43-RL	4295-S4	4296-S4	658.14	658.04	0.0055	--	--	--	--	
43-RL	4296-S4	4286A-S4	658.04	657.80	0.0048	--	--	--	--	
43-RL	4298-S4	411E-S4	674.02	673.60	0.0035	--	--	120	--	
PW-NB-CN	429-S4	RS_25	668.12	667.80	0.0142	--	--	--	--	
43-RL	4307-S4	4298-S4	674.56	674.02	0.0035	--	--	--	--	
43-RL	430A-S4	431A-S4	667.05	666.91	0.0050	--	--	--	--	
43-RL	430B-S4	430A-S4	667.19	667.05	0.0050	--	--	--	--	
43-RL	4317A-S4	4317-S4	662.24	661.72	0.0050	--	--	--	--	
43-RL	4317B-S4	4317A-S4	662.40	662.24	0.0050	--	--	--	--	
43-RL	431A-S4	RS_26	666.91	666.78	0.0050	--	--	--	--	
43-RL	432A-S4	RS_27	662.92	669.83	0.0030	--	--	--	--	
43-RL	432A-S4	432A-S4	670.15	669.92	0.0030	--	--	--	--	
CN	440B-S4	440C-S4	667.18	666.99	0.0050	--	39	--	--	
CN	440C-S4	440D-S4	666.99	666.53	0.0044	--	104	--	--	
CN	440D-S4	EX-440M-S4	666.53	666.28	0.0047	--	53	--	--	
CN	440E-S4	440D-S4	666.66	666.53	0.0050	--	--	--	--	
CN	440F-S4	440E-S4	666.95	666.68	0.0050	--	--	--	--	
CN	440G-S4	440E-S4	666.87	666.66	0.0050	--	--	--	--	
CN	441B-S4	441A-S4	675.70	675.61	0.0031	--	--	--	--	
CN	441C-S4	441B-S4	675.92	675.70	0.0035	--	--	--	--	
CN	441D-S4	441H-S4	675.68	675.34	0.0050	--	67	--	--	
43-RL	441F-S4	441D-S4	676.26	675.68	0.0050	--	117	--	--	

Addendum No. 01
ID 1229-04-74
Revised Sheet 717
November 23, 2021

608.2434 608.3012 608.3015 608.3018 608.3024 608.3615 608.3618
STORM SEWER PIPE

LOCATION	FROM	TO	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT	CLASS III-A		CLASS III-B		CLASS III-C		COMMENTS
						12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	15-INCH LF	18-INCH LF	
REINFORCED CONCRETE												
HORIZONTAL ELLIPTICAL C												
LASS HEAVY 34X53-INCH												
43-RL	4096-S4	4096-S2	652.41	652.34	0.0012	--	--	--	--	--	--	--
43-RL	4264-S4	4264-S3	663.31	663.15	0.0050	--	--	--	--	--	--	--
43-RL	4264-S4	4281-S2	657.43	657.37	0.0050	--	--	--	--	--	--	--
43-RL	4302-S4	4304-S2	661.05	660.77	0.0050	--	--	--	--	--	--	--
43-RL	4306-S4	4301-S2	658.56	658.24	0.0064	--	--	--	--	--	--	--
43-RL	441G-S4	441F-S4	676.57	676.26	0.0051	--	61	--	--	--	--	--
43-RL	4317-S4	RS_51	661.72	661.60	0.0050	--	--	--	--	--	--	--
43-RL	4469A-S4	4083-S4	659.22	659.18	0.0041	--	--	--	--	--	--	--
STAGE 4 SUBTOTAL						0	0	969	0	0	328	0
1229-04-74 STAGE 5												
43-RL	4083A-S5	RS_32	662.56	662.39	0.0050	--	--	--	--	--	--	--
43-RL	4083-S5	RS_44	664.85	664.76	0.0039	--	--	--	--	--	--	--
43-RL	4090A-S5	4090-S5	660.42	660.26	0.0040	--	--	--	--	--	--	--
43-RL	4090-S5	RS_45	660.26	660.17	0.0040	--	--	--	--	--	--	--
43-RL	4289-S5	4283-S5	658.02	657.90	0.0050	--	--	--	--	--	--	--
43-RL	4290-S5	4282-S5	654.57	654.44	0.0050	--	--	--	--	--	--	--
43-RL	4293-S5	4283-S5	657.90	657.78	0.0050	--	--	--	--	--	--	--
43-RL	4294-S5	4290-S5	654.87	654.57	0.0050	--	--	--	--	--	--	--
43-RL	4297-S5	4299-S5	655.57	655.54	0.0030	--	--	--	--	--	--	--
43-RL	4299-S5	4294-S5	655.54	654.67	0.0050	--	--	--	--	--	--	--
43-RL	4095-S2	4260-S3	652.34	652.21	0.0016	--	--	--	--	--	--	--
43-RL	4282-S5	4260-S3	654.44	653.65	0.0050	--	--	--	--	--	--	--
43-RL	4283-S5	4291-S2	657.51	657.51	0.0050	--	--	--	--	--	--	--
43-RL	4291-S2	4288-S4	657.49	657.49	0.0050	--	--	--	--	--	--	--
43-RL	4310-S5	4303-S2	660.89	660.80	0.0050	--	--	--	--	--	--	--
43-RL	4305-S5	4443-S2	658.37	658.31	0.0050	--	--	--	--	--	--	--
43-RL	4300-S5	4299-S5	657.90	655.54	0.0123	--	--	--	--	--	--	--
STAGE 5 SUBTOTAL						0	0	0	0	0	0	0
PROJECT 1229-04-74 TOTAL						361	30	2909	2475	328	220	0

Addendum No. 01
ID 1229-04-74
Revised Sheet 731
November 23, 2021

SPV.0060.0208 611.3004 611.3225 611.3230 611.3901 611.3902
INLETS
10X10 FT BOX 4 FT DIAMETER 2X2.5 FT 2X3 FT MEDIAN 1 MEDIAN 2
DEPTH FT INVERT ELEVATION RIM ELEVATION OFFSET STATION STRUCTURE LOCATION
STAGE 3 SUBTOTAL 2 0 92 36 4 9 7

LOCATION	STRUCTURE	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION	DEPTH FT	10X10 FT BOX	4 FT DIAMETER EACH	2X2.5 FT EACH	2X3 FT EACH	MEDIAN 1 GRATE EACH	MEDIAN 2 GRATE EACH	COMMENTS
PW-CN	461A-S3	28+24.25	31.61' LT	681.94	676.59	4.55	--	1	--	--	--	--	
PW-NB-CN	482-S3	353+28.57	68.66' LT	679.14	674.11	4.00	--	--	--	--	--	--	
43-RL	4317C-S3	1320+49.99	70.68' LT	688.93	683.03	4.57	--	1	--	--	--	--	
STAGE 3 SUBTOTAL 2 0 92 36 4 9 7													
1229-04-74 STAGE 4													
GN	EX-40M-S4	31+79.45	30.50' LT	673.77	650.76	22.51	--	--	--	--	--	--	
PW-NB-CN	400-S4	299+36.18	24.31' RT	671.49	666.64	3.68	--	1	--	--	--	--	
PW-NB-CN	403-S4	300+80.61	21.19' RT	671.92	666.06	4.69	--	1	--	--	--	--	
PW-NB-CN	404-S4	303+74.44	21.20' RT	672.59	664.89	6.54	--	1	--	--	--	--	
43-RL	4079-S4	1304+05.80	63.00' LT	672.97	666.66	5.71	--	--	--	--	--	--	
PW-NB-CN	407-S4	305+70.64	21.26' RT	670.41	665.53	3.71	--	1	--	--	--	--	
43-RL	4086-S4	1307+06.49	63.00' LT	668.41	661.99	5.29	--	1	--	--	--	--	
PW-NB-CN	408A-S4	306+70.20	21.21' RT	670.32	665.76	3.39	--	1	--	--	--	--	
PW-NB-CN	408-S4	306+25.74	21.19' RT	670.23	665.74	3.33	--	1	--	--	--	--	
43-RL	4093-S4	1309+00.83	63.01' LT	665.88	659.18	5.57	--	1	--	--	--	--	
43-RL	4096-S4	1310+06.19	63.84' LT	665.07	652.41	11.83	--	--	--	--	--	--	
PW-NB-CN	410-S4	311+24.48	21.20' RT	673.59	668.51	3.92	--	1	--	--	--	--	
GN	411A-S4	22+55.43	32.20' RT	680.84	676.00	4.03	--	1	--	--	--	--	
GN	411B-S4	23+19.74	26.01' LT	680.37	675.89	3.67	--	1	--	--	--	--	
GN	411C-S4	23+36.33	18.49' RT	680.54	675.52	4.21	--	1	--	--	--	--	
GN	411D-S4	25+74.55	57.49' RT	684.93	672.99	11.12	--	1	--	--	--	--	
GN	411E-S4	26+13.73	73.79' LT	685.00	673.60	10.59	--	1	--	--	--	--	
GN	411F-S4	26+21.93	50.92' RT	685.47	673.16	11.50	--	1	--	--	--	--	
GN	411G-S4	23+20.87	18.48' RT	680.52	675.67	4.04	--	1	--	--	--	--	
GN	411H-S4	21+73.00	26.12' LT	681.61	676.52	5.27	--	1	--	--	--	--	
GN	411J-S4	23+22.24	39.96' LT	679.86	675.96	4.08	--	1	--	--	--	--	
GN	411K-S4	23+44.54	40.41' RT	679.06	675.63	3.62	--	1	--	--	--	--	
GN	411L-S4	23+54.08	27.69' LT	680.43	676.02	3.60	--	1	--	--	--	--	
GN	411-S4	22+10.69	20.69' LT	681.49	676.39	4.29	--	1	--	--	--	--	
GN	4265-S4	25+39.09	58.39' RT	680.31	665.31	14.09	--	1	--	--	--	--	
PW-NB-CN	427A-S4	309+01.09	21.21' RT	671.96	666.96	3.84	--	1	--	--	--	--	
43-RL	4284-S4	1311+86.41	5.00' LT	662.44	657.43	3.88	--	1	--	--	--	--	
43-RL	4285-S4	1311+55.54	66.63' LT	665.03	657.97	5.94	--	1	--	--	--	--	
43-RL	4286A-S4	1311+86.36	67.13' LT	665.03	657.47	6.44	--	1	--	--	--	--	
43-RL	4286-S4	1311+75.09	67.02' LT	665.03	657.86	6.03	--	1	--	--	--	--	
43-RL	4288-S4	1311+99.40	5.00' LT	662.43	657.49	3.81	--	1	--	--	--	--	
43-RL	4292-S4	1312+19.37	5.00' LT	662.43	657.59	3.72	--	1	--	--	--	--	
43-RL	4295-S4	1312+50.00	80.22' LT	662.71	658.14	4.78	--	1	--	--	--	--	
43-RL	4296-S4	1312+36.71	68.17' LT	665.09	658.04	5.93	--	1	--	--	--	--	
PW-CN	4298-S4	11+83.93	25.50' LT	681.29	674.02	6.46	--	1	--	--	--	--	
PW-NB-CN	429-S4	316+67.43	21.19' RT	672.27	668.12	2.96	--	1	--	--	--	--	
43-RL	4302-S4	1315+99.99	73.76' LT	667.78	661.05	5.61	--	1	--	--	--	--	
43-RL	4306-S4	1314+04.18	70.99' LT	665.94	658.56	6.26	--	1	--	--	--	--	
PW-CN	4307-S4	13+34.96	20.56' LT	679.43	674.56	4.05	--	1	--	--	--	--	
PW-NB-CN	430A-S4	318+48.73	21.19' RT	671.18	667.05	2.96	--	1	--	--	--	--	
PW-NB-CN	430B-S4	318+20.48	20.99' RT	671.21	667.19	2.86	--	1	--	--	--	--	
43-RL	4317A-S4	1318+93.68	72.09' LT	668.80	662.24	5.44	--	1	--	--	--	--	
43-RL	4317B-S4	1319+25.00	81.08' LT	667.28	662.40	5.09	--	1	--	--	--	--	
43-RL	4317-S4	1317+90.24	72.92' LT	668.49	661.72	5.64	--	1	--	--	--	--	
PW-NB-CN	431A-S4	318+76.89	21.19' RT	671.15	666.91	3.60	--	1	--	--	--	--	
PW-NB-CN	432A-S4	321+58.39	21.20' RT	674.32	669.92	6.04	--	1	--	--	--	--	
GN	440B-S4	32+63.34	20.51' LT	672.26	667.18	4.26	--	1	--	--	--	--	
GN	440C-S4	32+63.55	18.50' RT	672.30	666.99	4.50	--	1	--	--	--	--	
GN	440D-S4	31+59.43	18.50' RT	674.73	666.53	7.38	--	1	--	--	--	--	
GN	440E-S4	31+59.33	44.40' RT	670.02	666.66	3.55	--	1	--	--	--	--	

STORM SEWER STRUCTURES

LOCATION	STRUCTURE	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION	DEPTH FT	TYPE J		TYPE L		TYPE W		4-FT MANHOLES		5-FT MANHOLES		6-FT MANHOLES		7-FT MANHOLES		8-FT MANHOLES		
							MANHOLE COVERS	SPECIAL	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
CN	440F-S4	31+05.00	51.33 RT	689.66	686.95	2.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
CN	440G-S4	32+00.00	39.79 RT	670.10	666.87	3.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
CN	441B-S4	30+39.86	37.64 LT	678.99	675.70	2.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
CN	441C-S4	30+24.73	24.00 RT	679.34	675.92	2.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
CN	441D-S4	29+77.43	87.69 LT	680.90	675.68	4.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
CN	441E-S4	28+75.53	30.51 LT	682.08	678.28	5.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
CN	441G-S4	28+72.87	30.50 RT	681.99	676.57	4.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4469A-S4	1309+02.00	74.02 LT	664.39	659.22	4.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
STAGE 4 SUBTOTAL							1	0	0	15	0	20	1	12	0	5	1	0	0	0	0	0	3
1229-04-74 STAGE 5																							
43-RL	4083A-S5	1305+59.38	63.05 RT	667.40	662.56	3.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4083-S5	1304+07.24	63.00 RT	669.60	664.85	3.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4090A-S5	1307+50.00	69.66 RT	663.64	660.42	3.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4090-S5	1307+08.02	63.00 RT	665.04	660.26	3.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4282-S5	1311+74.22	85.73 RT	659.64	654.44	4.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4283-S5	1311+99.46	5.00 RT	663.46	657.54	4.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4289-S5	1311+50.62	5.00 RT	663.42	658.02	4.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4290-S5	1312+00.02	86.84 RT	659.61	654.57	3.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4293-S5	1311+75.29	5.02 RT	663.43	657.90	4.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4294-S5	1312+20.60	87.57 RT	659.61	654.67	3.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4297-S5	1314+00.00	103.30 RT	658.45	655.57	3.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4299-S5	1314+01.14	94.10 RT	660.21	655.54	3.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4300-S5	1316+00.00	96.75 RT	663.72	657.90	4.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4305-S5	1314+03.58	5.00 RT	664.52	658.37	5.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
43-RL	4310-S5	1316+00.00	5.00 RT	666.58	660.89	4.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
STAGE 5 SUBTOTAL							0	0	0	13	0	0	4	0	0	0	0	0	0	0	0	0	0
PROJECT 1229-04-74 TOTAL																							
							9	22	1	197	3	107	53	21	33	34	14	14	0	0	0	0	

Addendum No. 01
ID 1229-04-74
Revised Sheet 732
November 23, 2021

Addendum No. 01
ID 1229-04-74
Revised Sheet 734
November 23, 2021

LOCATION	STRUCTURE	STATION	OFFSET	INVERT ELEVATION	504.0900		520.1018		520.1024		522.1012		522.1015		522.1018		522.1048		522.1060		633.5200
					CONCRETE MASONRY ENDWALLS	CY	18-INCH EACH	24-INCH EACH	12-INCH EACH	15-INCH EACH	18-INCH EACH	36-INCH CONCRETE	48-INCH CONCRETE	60-INCH CONCRETE							
1229-04-74 STAGE 1																					
43-RL	4032-S1	1287+54.99	94.24	RT	663.58	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
43-RL	420-S1	1289+06.01	173.90	RT	663.54	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1
43-RL	423-S1	1290+42.10	117.92	RT	665.46	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1
PNSL-CN	484-S1	12+82.80	38.60	LT	675.50	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
PNSL-CN	485-S1	12+90.45	40.33	LT	674.42	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
STAGE 1 SUBTOTAL					0	0	2	2	0	0	0	0	0	3	0	0	0	0	0	0	5
1229-04-74 STAGE 2																					
PW-NB-CN	4322-S2	332+16.64	81.17	LT	669.67	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1
PW-NB-CN	4341-S2	334+42.85	81.45	LT	670.74	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1
PW-NB-CN	463C-S2	349+26.62	55.16	RT	672.43	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
DB	479D-S2	60+50.00	33.15	LT	697.54	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
DB	479E-S2	60+49.61	36.99	RT	696.25	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
DB	478B-S2	58+49.97	45.50	LT	698.06	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
PN-CN	461E-S2	28+61.68	55.82	RT	678.44	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
PN-CN	461F-S2	28+45.13	55.48	RT	678.22	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
DB	480-S2	61+17.42	35.06	LT	697.43	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	1
DB	481-S2	61+89.18	30.69	LT	696.31	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	1
STAGE 2 SUBTOTAL					0	0	2	2	2	5	0	0	0	1	0	1	0	0	0	0	10
1229-04-74 STAGE 3																					
PW-NB-CN	4308-S3	329+33.64	86.04	RT	667.18	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1
CNC	4246-S3	1307+33.90	29.66	LT	672.24	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
43-RL	4329-S3	1322+51.93	82.18	RT	667.58	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
PW-NB-CN	463J-S3	348+90.76	72.99	RT	672.00	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
KTN-CN	469A-S3	13+45.55	94.09	LT	671.04	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1
KTN-CN	472A-S3	18+36.68	40.70	RT	676.30	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
KTN-CN	472B-S3	18+15.44	40.65	RT	676.05	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
KTN-CN	472C-S3	17+42.18	41.63	RT	675.17	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
KTN-CN	472D-S3	17+22.45	42.04	RT	675.00	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
PNSL-CN	462D-S3	13+09.06	42.53	LT	674.76	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
STAGE 3 SUBTOTAL					3	1	1	1	0	4	2	0	1	0	1	0	0	0	0	0	10
1229-04-74 STAGE 4																					
PW-NB-CN	426-S4	308+15.04	61.28	RT	657.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
PW-NB-CN	432B-S4	322+31.33	52.09	RT	670.15	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1
1 CN	441A-S4	30+49.79	63.89	LT	675.61	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	1
1 CN	411M-S4	25+23.56	55.87	LT	676.28	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
1 CN	441H-S4	30+44.03	78.98	LT	675.34	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	1
STAGE 4 SUBTOTAL					0	0	0	0	1	1	1	0	1	1	0	1	0	1	0	1	4
PROJECT 1229-04-74 TOTAL					3	1	5	3	10	4	2	1	2	1	0	1	0	0	0	0	29

RIPRAP ITEMS

CATEGORY	STAGE	ROADWAY	STATION	OFFSET	TYPE	SY	SY	
1000	2	MAINLINE IH43.5B	1287+55 1290+33 1289+07 1285+50	118' RT 120' RT 154' RT 109' RT	GEOTEXTILE FABRIC HEAVY	8 40 8 315	12 61 12 478	
1000	2	RAMPS RAMP.C	1304CNC+27 1305CNC+45	21' LT 48' LT		--	7	
1000	2	CTH W/ N PORT WASHINGTON LN	329PNCN+34 333PNCN+64 334PNCN+48 334PNCN+65	100' RT 85' RT 60' LT 85' LT		--	7	
1000	2	N PORT WASHINGTON LN	28PW1+25	30' RT		--	7	
STAGE 2 SUBTOTAL							12	603
1000	3	MAINLINE IH43.5B	1307+02	185' LT		--	20	
1000	3	LOCAL ROADS CTH W/ N PORT WASHINGTON LN	348PNCN+09 TO 350PNCN+00	41' RT		261	15	
STAGE 3 SUBTOTAL							272	43
1000	4	LOCAL ROADS CTH W/ N PORT WASHINGTON LN	304PSCN+20 308PSCN+18	93' LT 66' RT		--	7	
1000	4	W COUNTYLINE RD	30CN+54	75' LT		--	7	
STAGE 4 SUBTOTAL							56	123
TOTALS							340	726

MOBILIZATION EROSION CONTROL ITEMS

CATEGORY	STAGE	LOCATION	TYPE	SY	SY
1000	1	PROJECT	EROSION CONTROL EACH	5	5
1000	2	PROJECT	EROSION CONTROL EACH	6	6
1000	3	PROJECT	EROSION CONTROL EACH	4	4
1000	4	PROJECT	EROSION CONTROL EACH	6	6
1000	4	PROJECT	EROSION CONTROL EACH	4	4
1000	5	PROJECT	EROSION CONTROL EACH	3	3
TOTALS					40

EROSION CONTROL ITEMS

CATEGORY	STAGE	ROADWAY	STATION	OFFSET	TYPE	SY	SY	TYPE	SY	SY	TYPE	SY	SY
1000	1	LOCAL ROADS CTH W/ N PORT WASHINGTON LN	309PSCN+14 - 320PSCN+62	LT		--	--					3,530	1
STAGE 1 SUBTOTAL							0	0	0	0	0	3,530	1
1000	3	MAINLINE IH43.5B	128500 - 129060	RT		--	--					3,167	0.5
1000	2	RAMPS RAMP.C	1302CNC+89 - 1311CNC+32	LT		450	877					--	--
1000	2	LOCAL ROADS CTH W/ N PORT WASHINGTON LN	326PNCN+60 - 33PNCN+71	RT		732	350					--	--
1000	2	N PORT WASHINGTON LN	27PW1+74 - 30PW1+12	RT		--	655					--	0.1
1000	2	DONGES BAY RD	50DB+11 - 50DB+88 50DB+11 - 50DB+76 51DB+00 - 51DB+70 51DB+23 - 52DB+59 51DB+94 - 55DB+59	LT RT RT LT RT		--	--	92 78 81 169 310	--	--	--	--	0.1 0.0 0.0 0.0 0.1
1000	2	LOCAL ROADS CTH W/ N PORT WASHINGTON LN	52DB+83 - 55DB+65 57DB+54 - 58DB+86 57DB+59 - 61DB+33 59DB+02 - 61DB+27 61DB+84 - 64DB+40	LT RT LT RT RT		115 247	50 100	310 388 942 417 396	--	--	--	--	0.1 0.1 0.2 0.1 0.1
1000	2	LOCAL ROADS CTH W/ N PORT WASHINGTON LN	130DB+90 - 150DB+06 130DB+90 - 140DB+98 150DB+63 - 160DB+80 150DB+82 - 160DB+80	RT LT RT LT		--	--	230 105 369 247	--	--	--	--	0.0 0.0 0.0 0.0
STAGE 2 SUBTOTAL							1,446	1,400	1,461	7,355	2,737	3,167	0
1000	3	MAINLINE IH43.5B	1282+46 - 1303+00 1319+00 - 1328+06 1330+78 - 1333+10 1333+77 - 1360+06	RT RT RT RT		--	--	4,368 2,688 796 10,323	--	--	--	--	0.9 0.6 0.2 2.1
1000	3	RAMPS RAMP.B	1282+46 - 1310+00 1300+47 - 1303+00 1319+00 - 1229+00 1331+27 - 1333+05 1332+84 - 1360+06	LT LT LT LT LT		--	--	6,272 400 1,371 353 6,575	--	--	--	--	1.3 0.1 0.3 0.1 1.4
1000	3	LOCAL ROADS CTH W/ N PORT WASHINGTON LN	1318+37 - 1324+50 1324+50 - 1325+97	RT RT		200	543	1,754 676	--	--	--	--	0.4 0.1
1000	3	LOCAL ROADS CTH W/ N PORT WASHINGTON LN	298PSCN+93 - 306PSCN+86 334PNCN+50 - 341PNCN+77 345PSCN+24 - 346PSCN+59 347PSCN+25 - 349PSCN+90 350PNCN+00 - 341PNCN+77	LT RT LT LT RT		--	--	1,505 780 605 1,230 335	--	--	--	--	0.3 0.2 0.1 0.3 0.1
STAGE 3 SUBTOTAL							100	221	100	--	--	1	0.1
TOTALS							1,446	1,400	1,461	7,355	2,737	3,167	0

Addendum No. 01
 ID 1229-04-74
 Revised Sheet 750
 November 23, 2021

Addendum No. 01
ID 1229-04-74
Revised Sheet 751
November 23, 2021

CATEGORY STAGE	ROADWAY	STATION TO STATION	OFFSET		SILT FENCE		SILT FENCE MAINTENANCE		HEAVY DUTY		EROSION MAT CLASS I		EROSION MAT URBAN/CLASS I		EROSION MAT CLASS II		SOIL STABILIZER		
			LF	RF	LF	RF	TYPEA	TYPEB	TYPEA	TYPEB	TYPEA	TYPEB	TYPEA	TYPEB	TYPEA	TYPEB	TYPEA	TYPEB	ACRE
1000	3	N/PORT WASHINGTON LN																	
			26PWL+19	-	27PWL+87	LT													
			26PWL+19	-	27PWL+80	RT													
			28PWL+11	-	28PWL+64	LT													
			11WLS+70	-	13WLS+88	LT													
			13WLS+99	-	15WLS+11	LT													
			15WLS+22	-	35PSCN+27	LT													
			10KTN+46	-	12KTN+50	RT													
			11KTS+19	-	16KTS+82	LT													
			12KTN+50	-	16KTN+00	RT													
			16KTN+00	-	17KTN+22	RT													
			17KTN+41	-	18KTN+17	RT													
			18KTN+35	-	19KTN+77	RT													
							3,586	3,800	1,039	36,401	11,987	0	0	0	0	0	0	10.0	
			STAGE 3 SUBTOTAL																
			MAINLINE																
			1303+03	-	1310+73	LT													
			1311+46	-	1319+00	LT													
			LOCAL ROADS																
			298PNCN+98	-	300PNCN+42	RT													
			300PNCN+53	-	302PNCN+59	RT													
			302PNCN+92	-	303PNCN+93	RT													
			304PNCN+06	-	305PNCN+92	RT													
			306PNCN+08	-	306PNCN+39	RT													
			306PNCN+52	-	310PNCN+57	RT													
			310PNCN+89	-	313PNCN+12	RT													
			313PNCN+24	-	325PNCN+23	RT													
			323PSCN+32	-	327PSCN+08	LT													
			21CN+66	-	21CN+80	LT													
			21CN+66	-	22CN+23	RT													
			21CN+92	-	23CN+32	LT													
			22CN+51	-	23CN+54	RT													
			25CN+43	-	25CN+50	LT													
			23CN+66	-	25CN+83	RT													
			30CN+33	-	31CN+28	RT													
			30CN+35	-	32CN+81	LT													
			31CN+40	-	31CN+79	RT													
			31CN+90	-	32CN+80	RT													
			10PWL+44	-	13PWL+73	RT													
			10PWL+56	-	13PWL+73	LT													
							1,928	750	0	1,386	11,998	0	0	0	0	0	0	2.8	
			STAGE 4 SUBTOTAL																
			MAINLINE																
			1303+00	-	1309+70	RT													
			RAMP																
			1309CNB+69	-	1310CNB+64	RT													
			1311CNB+40	-	1312CNB+37	RT													
			1312CNB+37	-	1318CNB+37	RT													
							0	0	0	5,548	1,158	0	0	0	0	0	0	1.4	
			STAGE 5 SUBTOTAL																
							6,960	5,950	2,500	50,690	27,880	3,167	3,530	1.0	17.2				
			TOTALS																

Addendum No. 01
ID 1229-04-74
Revised Sheet 760
November 23, 2021

RESTORATION ITEMS CONTINUED

CATEGOR	STAGE	ROADWAY	STATION	TO	STATION	OFFSET	SPV.0085.0003		SEEDING		630.0170		630.0200		631.1000		631.1000		
							SPECIAL	MULCHING	FERTILIZER	TYPEB	SPECIAL	NO.30	MIXTURE	SEEDING	SEED	SOD	SEED	SOD	SEED
							SY	SY	LB	LB	LB	LB	LB	MGAL	MGAL	MGAL	MGAL	MGAL	MGAL
1000	3	N.PORTRWASHINGTONLN	10PW+37	-	13PW+73	RT	1,206	1,207	0.8	22	-	-	-	-	-	-	-	-	-
			10PW+78	-	13PW+73	LT	876	876	0.6	11	0.9	-	-	-	-	-	-	-	-
			26PW+14	-	27PW+50	LT	316	316	0.2	6	-	-	-	-	-	-	-	-	-
			26PW+14	-	30PW+20	RT	1,734	1,735	1.1	31	-	-	-	-	-	-	-	-	-
1000	3	N.KATHERINEDR	10KTN+50	-	19KTN+77	RT	2,948	2,949	1.9	46	1.6	-	-	-	-	-	-	-	-
1000	3	W.FIRSTALN	15FL+23	-	16FL+24	RT	334	334	0.2	6	-	-	-	-	-	-	-	-	-
			15FL+23	-	16FL+22	LT	238	238	0.2	4	-	-	-	-	-	-	-	-	-
			STAGE 3 SUBTOTAL				81,409	78,440	51	1,389	4.7	0	0	599	0	599	2,973		
1000	4	MAINLINE	1300+45	-	1310+76	LT	4,988	4,989	3.1	91	-	-	-	-	-	-	-	-	-
		IH43 SB	1311+50	-	1317+31	LT	2,002	2,003	1.3	36	-	-	-	-	-	-	-	-	-
			1317+31	-	1329+63	LT	2,329	2,330	1.5	43	-	-	-	-	-	-	-	-	-
1000	4	LOCAL ROADS	298PNCN+98	-	302PNCN+59	RT	325	325	0.2	6	-	-	-	-	-	-	-	-	-
		CEHLW/N.PORTRWASHINGTONLR	298PNCN+98	-	299PNCN+31	RT	20	-	0.0	-	-	-	-	-	-	-	-	-	-
			299PNCN+30	-	300PNCN+42	RT	52	-	0.0	-	-	-	-	-	-	-	-	-	-
			300PNCN+53	-	302PNCN+38	RT	90	-	0.1	-	-	-	-	-	-	-	-	-	-
			302PNCN+92	-	310PNCN+57	RT	1,073	1,073	0.7	19	-	-	-	-	-	-	-	-	-
			303PNCN+19	-	303PNCN+93	RT	33	-	0.0	-	-	-	-	-	-	-	-	-	-
			304PNCN+06	-	305PNCN+92	RT	87	-	0.1	-	-	-	-	-	-	-	-	-	-
			306PNCN+08	-	306PNCN+39	RT	14	-	0.0	-	-	-	-	-	-	-	-	-	-
			306PNCN+52	-	310PNCN+41	RT	184	-	0.1	-	-	-	-	-	-	-	-	-	-
			310PNCN+89	-	325PNCN+09	RT	2,213	2,213	1.4	41	-	-	-	-	-	-	-	-	-
			311PNCN+09	-	313PNCN+12	RT	97	1	0.1	-	-	-	-	-	-	-	-	-	-
			313PNCN+24	-	324PNCN+77	RT	590	-	0.4	-	-	-	-	-	-	-	-	-	-
1000	4	W.COUNTYLINEED	21CN+66	-	25CN+74	RT	1,066	1,067	0.7	19	-	-	-	-	-	-	-	-	-
			21CN+66	-	25CN+58	LT	877	877	0.6	16	-	-	-	-	-	-	-	-	-
			21CN+92	-	23CN+32	LT	39	-	0.0	-	-	-	-	-	-	-	-	-	-
			22CN+71	-	23CN+54	RT	22	1	0.0	-	-	-	-	-	-	-	-	-	-
			23CN+44	-	25CN+39	LT	54	2	0.0	-	-	-	-	-	-	-	-	-	-
			23CN+66	-	25CN+77	RT	63	2	0.0	-	-	-	-	-	-	-	-	-	-
			25CN+54	-	25CN+61	LT	7	3	0.0	-	-	-	-	-	-	-	-	-	-
			30CN+16	-	32CN+85	RT	358	358	0.2	6	-	-	-	-	-	-	-	-	-
			30CN+17	-	32CN+70	RT	86	1	0.1	-	-	-	-	-	-	-	-	-	-
			30CN+34	-	32CN+70	LT	87	2	0.1	-	-	-	-	-	-	-	-	-	-
			30CN+46	-	32CN+80	LT	616	616	0.4	11	-	-	-	-	-	-	-	-	-
			STAGE 4 SUBTOTAL				17,371	15,861	10.9	288	0.6	0	0	307	0	307	1,524		
			LINDISTRIBUTED				0	0	3.0	10	1.7	50	3,000	3	13				
			TOTALS				106,480	102,000	70	1,826	6	50	3,000	910	4,510				

Addendum No. 01
ID 1229-04-74
Revised Sheet 765
November 23, 2021

TRAFFIC CONTROL ITEMS CONTINUED

CATEGORY	LOCATION	643.0300		643.0410		643.0420		643.0705		643.0715		643.0900	
		STAGE	DURATION	STAGE	DURATION	STAGE	DURATION	STAGE	DURATION	STAGE	DURATION	STAGE	DURATION
1000		TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL
		DRUMS	BARRICADES	BARRICADES	BARRICADES	WARNING LIGHTS	WARNING LIGHTS	ARROW BOARDS	ARROW BOARDS	ARROW BOARDS	ARROW BOARDS	ARROW BOARDS	ARROW BOARDS
		EACH**	DAYS	EACH**	DAYS	EACH**	DAYS	EACH**	DAYS	EACH**	DAYS	EACH**	DAYS
44	COUNTY LINE RD	--	--	15	660	30	1,320	--	--	--	--	3	132
	PORT WASHINGTON RD	93	4,092	4	176	8	352	31	1,364	--	--	14	616
	STAGE 5 SUBTOTAL		4,092	64	176	352	1,364						616
64	COUNTY LINE RD	115	7,360	--	--	--	--	30	1,920	--	--	36	2,304
	PORT WASHINGTON RD	32	2,048	--	--	640	2,720	--	--	--	--	2	128
	STAGE 5 SUBTOTAL	9,408		0	896	1,792	2,368	0				9	576
	UNDISTRIBUTED	7,582		53	1,086	2,166	1,906	6	2,547				
	TOTALS	102,355		667	11,942	23,824	20,970	62	30,846				

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** FOR INFORMATION ONLY

TRAFFIC CONTROL ITEMS LEFT IN PLACE

CATEGORY	LOCATION	SPV.0060.0010		SPV.0060.0013		SPV.0060.0014		SPV.0060.0015	
		STAGE	DURATION	STAGE	DURATION	STAGE	DURATION	STAGE	DURATION
1000		CRASH CUSHIONS	CRASH CUSHIONS	CRASH CUSHIONS	CRASH CUSHIONS	CRASH CUSHIONS	CRASH CUSHIONS	CRASH CUSHIONS	CRASH CUSHIONS
		TEMPORARY	TEMPORARY	TEMPORARY	TEMPORARY	TEMPORARY	TEMPORARY	TEMPORARY	TEMPORARY
		LEFT IN PLACE	LEFT IN PLACE	LEFT IN PLACE	LEFT IN PLACE	LEFT IN PLACE	LEFT IN PLACE	LEFT IN PLACE	LEFT IN PLACE
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
6	COUNTY LINE SB ON RAMP/NB OFF RAMP DETOUR	6	6	12	12	11	11	11	11
	DONGES BAY RD DETOUR	--	--	41	41	--	--	--	--
	TOTALS	6	6	144	144	22	22	11	11

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRUCK ENTERING WARNING SYSTEM

CATEGORY	LOCATION	SPV.0045.1001		SPV.0045.1002	
		STAGE	DURATION	STAGE	DURATION
1000		TRUCK ENTERING WARNING SYSTEM	TRUCK ENTERING WARNING SYSTEM	TRUCK ENTERING WARNING SYSTEM	TRUCK ENTERING WARNING SYSTEM
		TEMPORARY	TEMPORARY	TEMPORARY	TEMPORARY
		LEFT IN PLACE	LEFT IN PLACE	LEFT IN PLACE	LEFT IN PLACE
		EACH**	DAYS	EACH**	DAYS
2	COUNTY LINE SB ON RAMP/NB OFF RAMP DETOUR	2	784	2	784
	DONGES BAY RD DETOUR	--	--	--	--
	TOTAL	2	784	2	784

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC QUEUE WARNING SYSTEM

CATEGORY	STAGE	LOCATION	643.1205.S	
			WARNING SYSTEM	WARNING SYSTEM
1000			QUEUE	QUEUE
			EACH**	DAYS
ALL	IH 43		392	2
	IH 43		392	2
	TOTAL		784	784

TRAFFIC CONTROL

CATEGORY	STAGE	LOCATION	643.5000
1000	ALL	PROJECT	1
	TOTAL		1

GLARE SCREEN

CATEGORY	STAGE	STATION	TO	STATION	LF
1000					
3A	1279+00	-	1295+00	-	1600
4B	1350+00	-	1363+00	-	1300
5	1292+00	-	1351+00	-	5900
	TOTAL				14700

EXPOSING EXISTING INFRASTRUCTURE ITEMS

CATEGORY	LOCATION	SPV.0060.0015		SPV.0060.0016	
		PAVED AREA	UNPAVED AREA	PAVED AREA	UNPAVED AREA
1000		EACH	DAYS	EACH	DAYS
UNDISTRIBUTED		10	10	10	10
	PROJECT 1229-04-74 T	10	10	10	10
	TOTAL	20	20	20	20

3

3

Addendum No. 01
 ID 1229-04-74
 Revised Sheet 767
 November 23, 2021

3

3

CATEGORY	STAGE	ROADWAY	STA	TO STA	DELIVERED	CONCRETE BARRIER TEMPORARY PRECAST	603.8000	603.8125	614.0905	614.1100	SPV.0090.0015	SPV.0090.0016	BACK WIDTH	OBJECT MARKING PATTERN	CRASH TEST LEVEL	TRAFFIC DIRECTION	TRAFFIC LOCATION
1000	1	PORT WASHINGTON RD	309PWN+13	321PWN+74	1,364	CONCRETE BARRIER TEMPORARY PRECAST	1,364	1,364	--	MGS GUARDRAIL TEMPORARY THIR BEAM TRANSITION	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
	2	IH 43 NB	1280+62	1360+06	11,251	CONCRETE BARRIER TEMPORARY PRECAST	7,816	11,251	--	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 SB	1282+46	1361+53	7,816	CONCRETE BARRIER TEMPORARY PRECAST	7,816	7,816	--	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 NB	1280+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 NB	1315+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 NB	1363+68		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	R
		IH 43 SB	1305+10		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 SB	1360+06		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 SB	1365+44		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
	3	IH 43 NB	1272+97	1365+55	13,419	CONCRETE BARRIER TEMPORARY PRECAST	13,419	13,419	--	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 SB	1282+46	1365+75	8,903	CONCRETE BARRIER TEMPORARY PRECAST	8,903	8,903	--	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 SB	1365+76		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 NB	1295+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	12	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 NB	1303+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	12	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 SB	1303+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	12	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 SB	1319+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	12	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 NB	1319+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	12	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 SB	1350+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	100	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		PORT WASHINGTON RD	347PNCN+00	--	100	CONCRETE BARRIER TEMPORARY PRECAST	100	100	--	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
	4	IH 43 NB	1363+55	1365+55	200	CONCRETE BARRIER TEMPORARY PRECAST	200	200	--	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 SB	1284+00	1365+76	9,406	CONCRETE BARRIER TEMPORARY PRECAST	9,406	9,406	--	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 SB	1284+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3R	TL-3	UNDIRECTIONAL	L
		IH 43 SB	1363+55		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	L
		IH 43 SB	1365+76		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
	5	IH 43 NB	1282+46	1365+55	8,328	CONCRETE BARRIER TEMPORARY PRECAST	8,328	8,328	--	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 NB	1282+46		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
		IH 43 NB	1295+00		--	CONCRETE BARRIER TEMPORARY PRECAST	--	--	1	CRASH CUSHIONS TEMPORARY	Maintain and Salvage Concrete Barrier Left in Place Each	Maintain Temporary Precast Concrete Barrier Left in Place Each	4	OM-3L	TL-3	UNDIRECTIONAL	R
TOTALS					60,787		60,787	12	72		2,100	10,236					

1

** FOR INFORMATION ONLY

EMERGENCY RESPONSE TO TRAFFIC INVOLVING CONCRETE BARRIER TEMPORARY		EMERGENCY RESPONSE TO TRAFFIC INVOLVING CONCRETE CRASH CUSHION		TRAFFIC CONTROL FULL FREEWAY CLOSURE		TEMPORARY SHORING	
CATEGORY	STAGE	LOCATION	EACH	CATEGORY	STAGE	LOCATION	EACH
1000	ALL	IH 43	10	1000	ALL	IH 43	5
TOTAL			10	TOTAL			5
1000	ALL	IH 43	10	1000	ALL	IH 43	5
TOTAL			10	TOTAL			5
1000	2	IH 43 SB	1,293+00	1000	1000	IH 43 SB	1,293+00
		IH 43 NB	1,293+00			IH 43 NB	1,293+00
		IH 43 SB	1,332+70			IH 43 SB	1,332+70
		IH 43 NB	1,332+70			IH 43 NB	1,332+70
		IH 43 SB	1,342+00			IH 43 SB	1,342+00
		IH 43 NB	1,342+00			IH 43 NB	1,342+00
TOTAL			15,488	TOTAL			15,488

STATE PROJECT NUMBER
1450-02-72

DESIGN DATA

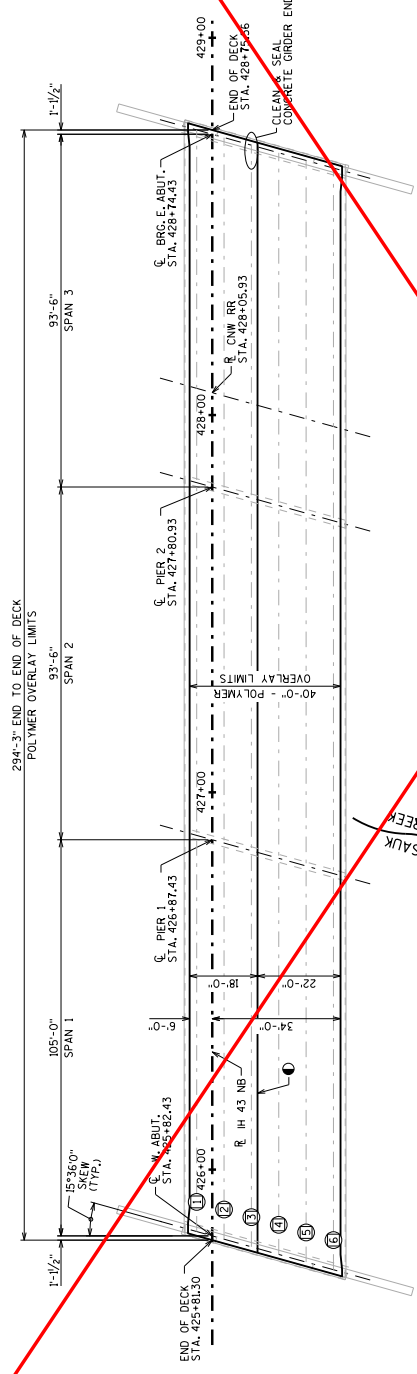
LIVE LOAD:
INVENTORY RATINGS: HS-20
SPAN 150 FT. MAXIMUM PER
MAXIMUM STANDARD PER
VEHICLE LOAD: 250 (KIPS)
MATERIAL PROPERTIES:
CONCRETE: TYPE 1
RAPID SET DECK REPAIR: $f_c = 4,000$ P.S.I.
CONCRETE SURFACE REPAIR: $f_c = 4,000$ P.S.I.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE
PLANS AND 2012 RE-DECK PLANS.
DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM
"POLYMER OVERLAY"
AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY
A SAW CUT.
PREPARATION DECKS TYPE 1 AND PREPARATION DECKS TYPE 2
AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY
THE ENGINEER. DECK PREPARATION AREAS SHALL BE FILLED
WITH "RAPID SET DECK REPAIR".

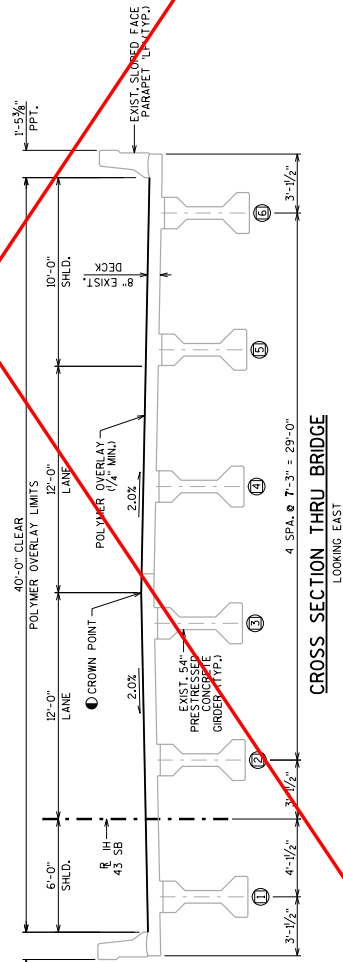
OPTIONAL LONGIT. CONST. JOINT.
INDICATES ORDER NO.

Addendum No. 01
ID 1229-04-74
Deleted Sheet 1392
November 23, 2021



PLAN

EXISTING THREE SPAN PRESTRESSED CONCRETE GIRDER



CROSS SECTION THRU BRIDGE

LOOKING EAST

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
509.0301	PREPARATION DECKS TYPE 1	SY	1
509.0302	PREPARATION DECKS TYPE 2	SY	1
509.0303	SAWING PAVEMENT DECK PREPARATION AREAS	LF	10
509.0500	CONCRETE SURFACE REPAIR	SF	5
509.5100.S	POLYMER OVERLAY	SY	1,308
SPU005	RAPID SET DECK REPAIR	CY	1
VC0060	CLEANING AND SEALING CONCRETE GIRDER ENDS	EACH	1

TRAFFIC VOLUME

11.43 NB
AD = 17,600 (2019)
RD.S = 170 M.P.H.

LIST OF DRAWINGS

- POLYMER OVERLAY
- GIRDER CLEANING & SEALING

THIS SHEET IS OBSOLETE

STRUCTURE DESIGN CONTACTS:
DAN MONROE (608) 266-8490
LAURA SHADEWALD (608) 267-9592

NO. DATE REVISION BY

BUREAU OF STRUCTURES
ACCEPTED *William C. Decker* 10/10/19
DATE 10/10/19

STRUCTURE B-45-44

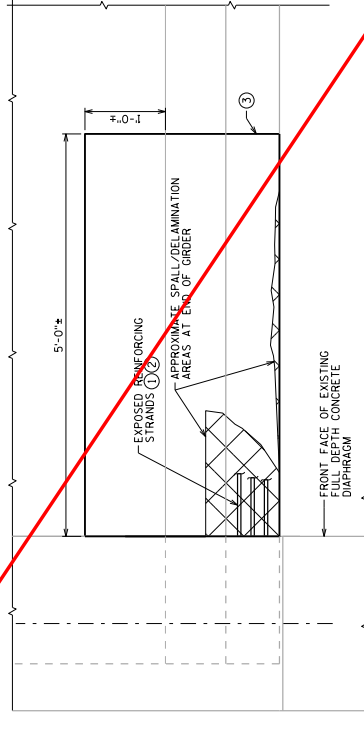
COUNTY OZAWA TOWN PORT WASHINGTON
DESIGN SPEC. REHABILITATION AND MAINTENANCE OF
BY DESIGNED DLM/CKD. DRAWN DLM/CKD. **DMB**

SHEET 1 OF 2
1392

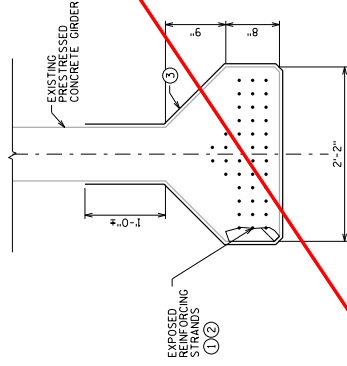
DATE: JULY 2019

SCALE = 1/8" = 1'-0"

STATE PROJECT NUMBER
1450-02-72



GIRDER END - ELEVATION VIEW



GIRDER END - SECTION VIEW

- ① BLAST CLEAN ALL EXPOSED REINFORCEMENT/STRANDS TO REMOVE ALL RUST AND CORROSION.
- ② BRUSH APPLY ORGANIC ZINC RICH PRIMER AND INTERMEDIATE COAT.
- ③ APPLY NON-PIGMENTED EPOXY CONFORMING TO AASHTO M-235 TYPE III, GRADE 2, CLASS B OR C.

Addendum No. 01
ID 1229-04-74
Deleted Sheet 1393
November 23, 2021

NOTES:

CLEAN AND SEAL GIRDER ENDS AS SHOWN ON THESE PLANS USING PRODUCT #SP-100600: CLEANING AND SEALING CONCRETE GIRDER ENDS.
REMOVE DEFERATED CONCRETE TAKING NECESSARY PRECAUTIONS TO PRECLUDE DAMAGE TO REMAINING SOUND CONCRETE.
ALL EXPOSED REINFORCEMENT/STRANDS SHALL BE PRESERVED.
THE COLOR OF THE PAINT INTERMEDIATE COAT SHALL BE CONCRETE GRAY.
WORK AREAS ARE ANTICIPATED AT ORDER 2 OF SPAN 3 AT ALL LOCATIONS AND EXTENTS SHALL BE DETERMINED BY FIELD ENGINEER.
WORK TO BE PAID FOR UNDER CLEANING AND SEALING CONCRETE GIRDER ENDS BID ITEM. SEE SPECIAL PROVISION FOR DETAILS.

① THIS SHEET IS OBSOLETE

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE B-45-44			
DESIGNED BY	DRW	PLANS	DMB
CHECKED BY	DLM	CDR	
GIRDER CLEANING & SEALING			SHEET 2
			1393

STATE PROJECT NUMBER
1229-04-74

DESIGN DATA

LIVE LOAD:
LIVE LOAD SURCHARGE (ROADWAY): 240 PSF

MATERIAL PROPERTIES:
CONCRETE MASONRY RETAINING WALL..... f_c = 4000 PSI
PRECAST CONCRETE WALL PANELS..... f_c = 4000 PSI
BAR STEEL REINFORCEMENT..... f_y = 60,000 PSI

DESIGN THE RETAINING WALL FOR A HORIZONTAL BACKSLOPE BEHIND THE WALL AND A LIVE LOAD VERTICAL SURCHARGE OF 240 PSF.

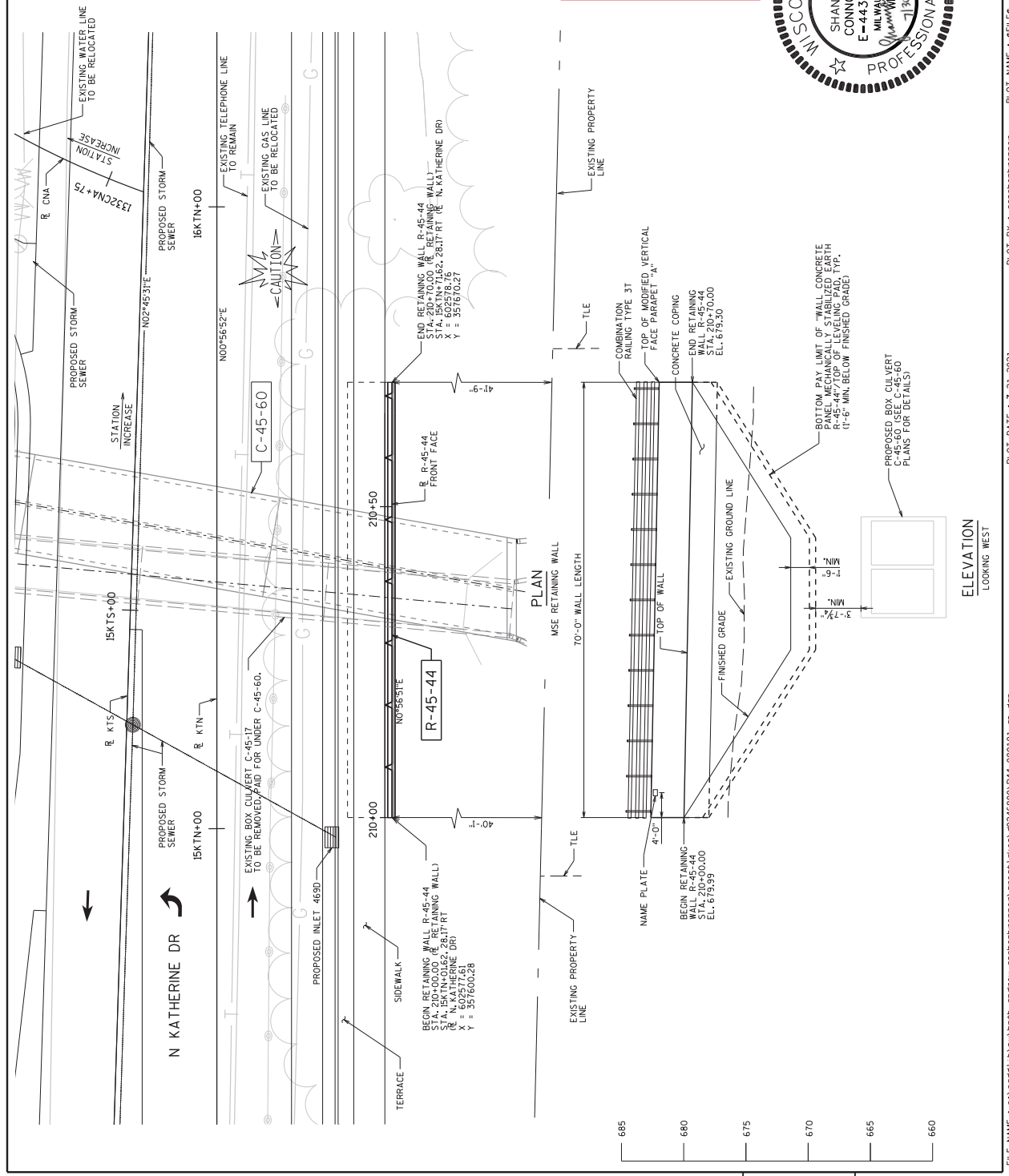
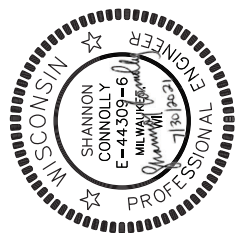
LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. TYPICAL SECTION
3. QUANTITIES
4. PROFILE GRADE LINES & DESIGN DATA
5. PARAPET & ANCHOR SLAB DETAILS (1 OF 2)
6. RAILING DETAILS
7. RAILING DETAILS
8. SUBSURFACE EXPLORATION

LEGEND

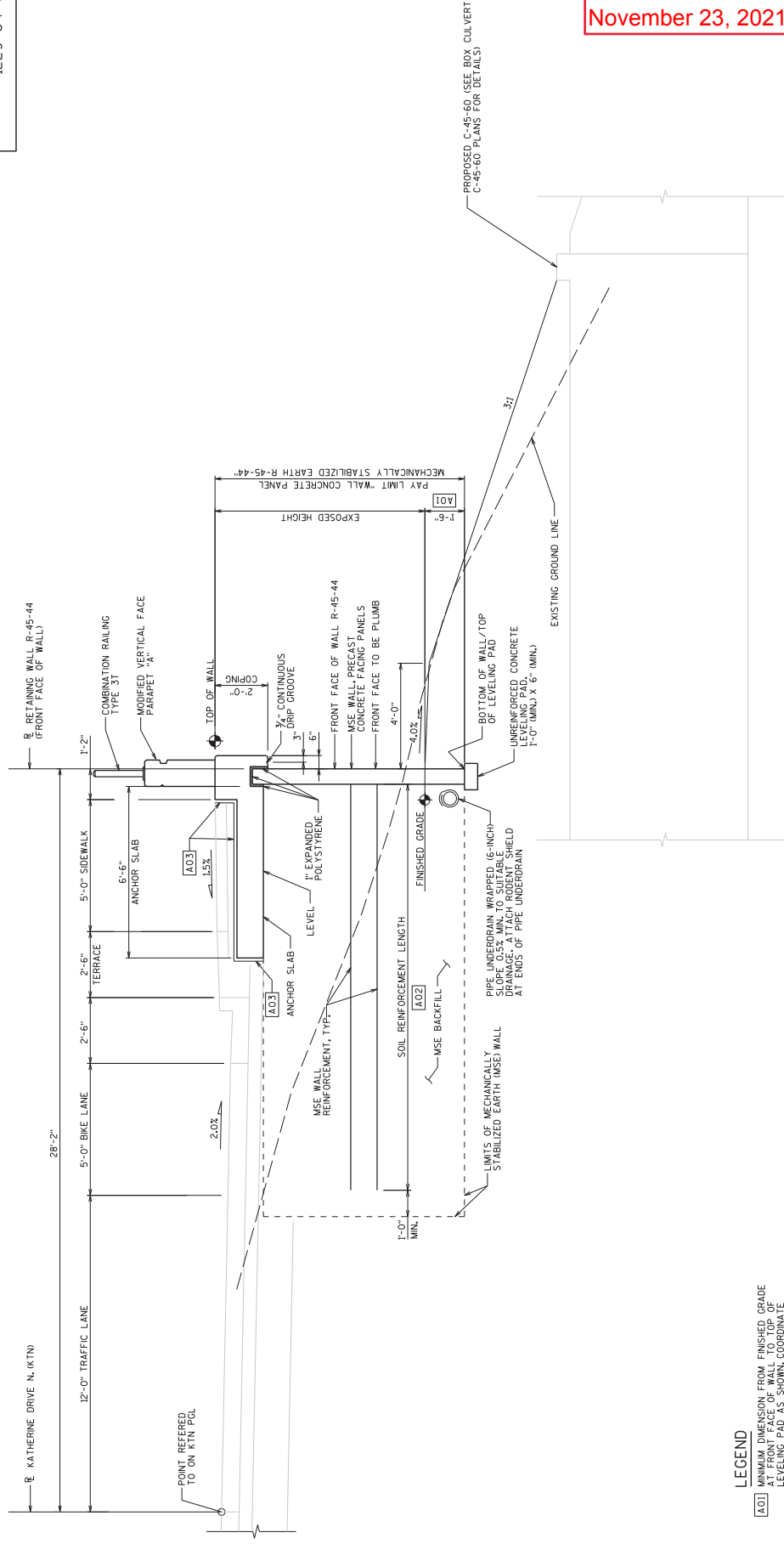


Addendum No. 01
ID 1229-04-74
Added Sheet 1393A
November 23, 2021



STATE PROJECT NUMBER
1229-04-74

Addendum No. 01
ID 1229-04-74
Added Sheet 1393B
November 23, 2021



TYPICAL WALL SECTION

(LOOKING NORTH
(WALL STA. 210+00.00 TO WALL STA. 210+70.00))

LEGEND

- A01 MINIMUM DIMENSION FROM FINISHED GRADE TO THE TOP OF THE LEVELING PAD AS SHOWN. COORDINATE CONSTRUCTION OF THE LEVELING PAD WITH THE PROPOSED WALL. MINIMUM DIMENSION BASED ON MINIMUM DIMENSION.
- A02 SEE WALL EXTERNAL STABILITY EVALUATION TABLE ON THE "PROFILE GRADE LINES & DESIGN DATA" SHEET FOR MINIMUM LENGTH OF MSE WALL REINFORCING STRIPS. SOIL REINFORCEMENT SHALL BE PLACED AT LEAST 3.0 FEET BEYOND THE FAILURE PLANE FOR INTERNAL STABILITY AS DEFINED BY AASHTO SPECIFICATIONS.
- A03 18" RUBBERIZED MEMBRANE WATERPROOFING TO BE PLACED ON THESE SURFACES AT EACH JOINT.

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE R-45-44			
BRN	MM	PLANS	MHZ
SHEET 2 OF 8			1393B
TYPICAL SECTION			

PLOT SCALE : 1:4

PLOT BY : scornolly

PLOT DATE : 6/1/2021

FILE NAME : c:\cadd\110\vw\scornolly\groot\lakes\024680\R44_080102-ts.dgn

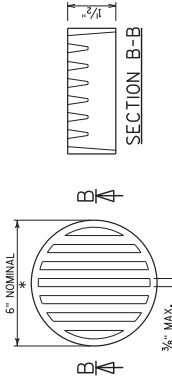
GENERAL NOTES

- DRAWINGS SHALL NOT BE SCALED.
- BEVEL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ ", UNLESS NOTED OTHERWISE.
- COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCSS), OZAUKEE COUNTY ZONE, MAD 83 (2007). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM, NAVD 88 (2007).
- THESE PLANS ARE FOR A PRECAST CONCRETE PANEL MECHANICALLY STABILIZED EARTH RETAINING WALL.
- THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE MANUFACTURER'S TECHNICAL ASSISTANCE SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-45-44".
- THE COST OF FURNISHING AND PLACING MSE BACKFILL WITHIN THE REINFORCED SOIL ZONE IS TO BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-45-44".
- THE COST OF FURNISHING AND PLACING THE UNREINFORCED CONCRETE LEVELING PAD UNDER THE PRECAST WALL PANELS IS INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-45-44".
- ALL STATIONS AND DIMENSIONS ARE ALONG THE FRONT FACE OF WALL, UNLESS SHOWN OTHERWISE.
- ONLY WALL CONCRETE PANEL MSE WALL SYSTEMS THAT USE STRIP TYPE SOIL REINFORCEMENT THAT ARE HINGED AT THE PANEL CONNECTION CAN BE USED FOR THIS PROJECT.
- SOIL REINFORCEMENT MAY BE PLACED UP TO A MAXIMUM OF 18" FROM PERPENDICULAR IF NECESSARY TO ACCOMMODATE THE BUREAU OF STRUCTURES DESIGN SECTION.
- BAR STEEL REINFORCEMENT SHALL HAVE 2" CLEAR COVER UNLESS SHOWN OTHERWISE.
- ALL BAR STEEL REINFORCEMENT WITHIN CAST-IN-PLACE CONCRETE TO BE EPOXY COATED.
- THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFY THE BAR SIZE-BAR DIMENSIONS ARE GUT TO OUT OF BAR.
- THE QUANTITIES AND REINFORCEMENT DETAILS ARE BASED ON AN ASSUMED CONCRETE WALL PANEL THICKNESS OF 12 INCHES. IF THE WALL THICKNESS IS DIFFERENT THAN 12 INCHES, THE CONTRACTOR SHALL VERIFY REINFORCEMENT BAR DETAILS AND QUANTITIES AND WILL BE RESPONSIBLE FOR ANY QUANTITY VARIATIONS.
- THE CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF WALL R-45-44 WITH THE CONSTRUCTION OF BOX CULVERT C-45-80.
- THE QUANTITIES OF CONCRETE MASONRY & BAR STEEL REINFORCEMENT FOR THE CAST-IN-PLACE WALLS OR UNDERDRAINS SHALL BE THE SAME AS THE QUANTITIES FOR THE PRECAST WALLS & BAR STEEL REINFORCEMENT IN COATED STRUCTURES, RESPECTIVELY.
- THE PLAN QUANTITY FOR THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-45-44" IS BASED ON THE PLAN QUANTITY OF THE ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-45-44" AS SHOWN IN THE PLANS. THE TOP OF LEVELING PAD IS TAKEN AS A CONSTANT 1'-6" BELOW FINISHED GRADE FOR MEASUREMENT PURPOSES. WALL AREAS CONSTRUCTED OUTSIDE THESE LIMITS WILL NOT BE MEASURED FOR PAYMENT.
- PLANS, ELEVATIONS, AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.
- 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.
- THE UTILITY AND STORM SEWER INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATIONS AS TO TYPE AND LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTHS OF ALL UTILITIES. UTILITIES LABELED AS PROPOSED MAY BE INSTALLED BY OTHERS PRIOR TO THIS CONTRACT.
- APPLY PROTECTIVE SURFACE TREATMENT TO THE EXPOSED TOP SURFACE OF THE ANCHOR SLAB.
- APPLY PIGMENTED SURFACE SEALER TO THE TOP AND INSIDE FACE OF THE PARAPET.
- REFER TO S.D.D. "NAME PLATE (STRUCTURES)" FOR NAME PLATE DETAILS. NAME PLATE SHALL BE REFERRED INCIDENTAL TO BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-45-44".
- THE CONTRACTOR MUST COORDINATE THE CONSTRUCTION OF THE STORM SEWER COMPONENTS, INCLUDING INLETS, LATENTALS AND STRUCTURES WITH THE CONSTRUCTION OF THE MSE WALL.
- MSE WALL PANEL SHAPES SHALL BE SQUARE OR RECTANGULAR.

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	TOTAL
502.3200	PROTECTIVE SURFACE TREATMENT	SY	4
502.3210	PIGMENTED SURFACE SEALER	SY	29
504.0500	CONCRETE MASONRY RETAINING WALLS	CY	30
505.0600	BAR STEEL REINFORCEMENT H5 COATED STRUCTURES	LB	3,760
513.7093	RAILING STEEL TYPE 3T	LF	70
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	3
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	20
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	75
SPV.0165-4008	WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-45-44	SF	362
	NON-BID ITEMS		
	NAME PLATE	EACH	1
	RODENT SHIELD	EACH	2
	NON-BITUMINOUS JOINT SEALER	SIZE 1"	
	CORK FILLER	SIZE 1"	
	EXPANDED POLYSTYRENE	SIZE 1"	

ALL ITEMS ARE CATEGORY 3070



RODENT SHIELD DETAIL

*DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. UNENT 30 SLOTS ARE VERTICAL. THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE WRAPPED 6 INCHES INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THIS RODENT SHIELD SHALL BE A PVC GRATE WHICH IS TO BE ATTACHED TO THE PIPE COUPLING AS SHOWN IN THE DRAWINGS. A FLOOR STRAINER, A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1/2 INCH STAINLESS STEEL SHEET METAL SCREWS.

Addendum No. 01
ID 1229-04-74
Added Sheet 1393C
November 23, 2021

NO.	DATE	REVISION	BY
		STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
STRUCTURE R-45-44			
IBRN SMC			
PAYS CDD			
MHZ			
SHEET 3 OF 8			
GENERAL NOTES & QUANTITIES			
1393C			

PLOT SCALE : 1:14

PLOT BY : scorrollo

PLOT DATE : 6.1.2021

FILE NAME : c:\cadd\ltd\pww\scorrollo\y\g\root\okess\0246800\R44_080103_07.dgn

SOIL PARAMETERS

STRATUM LOCATIONS & SOIL DESCRIPTIONS	UNIT WEIGHT (PCF)	SHORT-TERM FRICTION ANGLE (DEGREES)	CONVERSION (PSF)	LONG-TERM FRICTION ANGLE (DEGREES)	CONVERSION (PSF)	COHESION (PSF)
GRANULAR BACKFILL (REINFORCING ZONE OR BACKFILL)	120	30	0	30	0	0
RETAINED SOIL - GRANULAR	120	30	0	30	0	0
RETAINED SOIL - CLAY	120	0	1,500	28	0	0
ASPHALT (11% BASE COURSE (6"))	-	-	-	-	-	-
FILL-LEAN CLAY EL. 678.4 - EL. 678.4	135	0	3,500	31	75	0
FILL-LEAN CLAY WITH SAND EL. 678.4 - EL. 678.4	125	0	2,000	30	25	0
SANDY LEAN CLAY WITH GRAVEL EL. 664.3 - EL. 662.6	120	0	500	28	0	0
LEAN CLAY WITH SAND EL. 662.6 - EL. 660.4	120	0	2,000	30	25	0
SANDY LEAN CLAY WITH GRAVEL EL. 660.4 - EL. 658.5	120	0	1,000	29	0	0
LEAN CLAY EL. 658.5 - EL. 649.8	125	0	2,500	30	50	0
BLIND DRILLED EL. 649.8 - EL. 650.3	-	-	-	-	-	-
LEAN CLAY EL. 650.3 - EL. 637.5	130	0	2,500	30	75	0
LEAN CLAY EL. 637.5 - EL. 624.3	135	0	4,000	31	100	0
SILT WITH SAND EL. 624.3 - EL. 612.8	140	36	0	36	0	0
SAND WITH GRAVEL EL. 612.8 - EL. 607.8	140	36	0	36	0	0
SAND WITH SILT AND GRAVEL EL. 607.8 - EL. 605.1	140	36	0	36	0	0
SP-19 (19% BASE COURSE (6")) EL. 605.1 - EL. 592.6	-	-	-	-	-	-
FILL - LEAN CLAY WITH SAND EL. 679.3 - EL. 671.2	125	0	2,500	30	50	0
LEAN CLAY EL. 671.2 - EL. 661.6	130	0	3,000	31	50	0
LEAN CLAY EL. 661.6 - EL. 625.6	135	0	2,500	30	50	0
SAND EL. 625.6 - EL. 623.1	135	36	0	36	0	0
SANDY SILT EL. 623.1 - EL. 610.9	140	36	0	36	0	0

* DESIGN WALL FOR THESE VALUES

WALL ELEVATIONS

STATION & OFFSET	WALL STATION	TOP OF WALL ELEVATION	FINISHED GRADE ELEVATION
15KTN+06.62, 28.17 RT	210+00.00	679.99	679.99
15KTN+26.62, 28.17 RT	210+25.00	679.74	672.04
15KTN+46.62, 28.17 RT	210+50.00	679.55	671.40
15KTN+51.62, 28.17 RT	210+50.00	679.50	672.98
15KTN+71.62, 28.17 RT	210+70.00	679.30	679.30

WALL EXTERNAL & OVERALL STABILITY EVALUATION

DIMENSIONS	EVALUATED LOCATIONS
WALL HEIGHT (FEET)	9.6
EXPOSED WALL HEIGHT (FEET)	8.1
MINIMUM LENGTH OF REINFORCEMENT (FEET)	9.2
REINFORCEMENT LENGTH/RETAINED HEIGHT RATIO	0.95H
WALL STATION	210+45
BORING USED	CFC-05, 03A, 06
CAPACITY TO DEMAND RATIO (CDR)	
SLIDING (CDR>1.0)	1.69
ECCENTRICITY (CDR>1.0)	2.52
BEARING RESISTANCE (CDR>1.0)	1.10
FACTORED BEARING RESISTANCE (PSF)	2,566
OVERALL STABILITY (CDR>1.0)	1.2
LONG TERM	1.1

THE LENGTHS PROVIDED IN THE TABLE ARE THE MINIMUM REQUIRED REINFORCEMENT LENGTHS BASED UPON THE MINIMUM DESCRIBED IN THE WALL SYSTEM SPECIAL PROVISIONS OR THE MINIMUM DESCRIBED IN THE DESIGN MANUAL. THE DESIGNER SHALL VERIFY THAT THE REINFORCEMENT LOCATIONS REPRESENTED IN THE TABLE ARE AT THE DESIGNATED LOCATIONS. THE CONTRACTOR SHALL NOT BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR DESIGN LENGTHS SHALL MEET OR EXCEED THE MINIMUM VALUES REPRESENTED IN THE TABLE AT THESE DESIGNATED LOCATIONS.

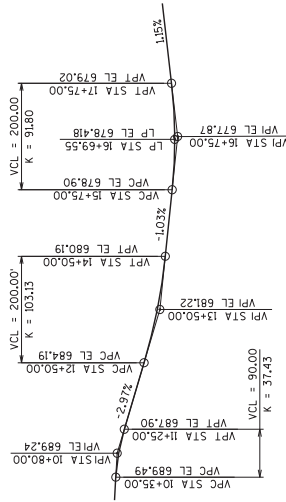
Addendum No. 01
ID 1229-04-74
Added Sheet 1393D
November 23, 2021

LEGEND

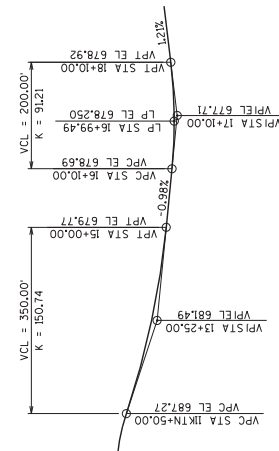
LINEARLY INTERPOLATE WALL ELEVATIONS BETWEEN STATIONS.

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE R-45-44			
PROFILE GRADE LINES & DESIGN DATA		DATE	BY
SHEET 4 OF 8		DATE	BY
1393D		DATE	BY

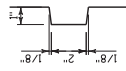
PROFILE GRADE LINE
N. KATHERINE DR SB



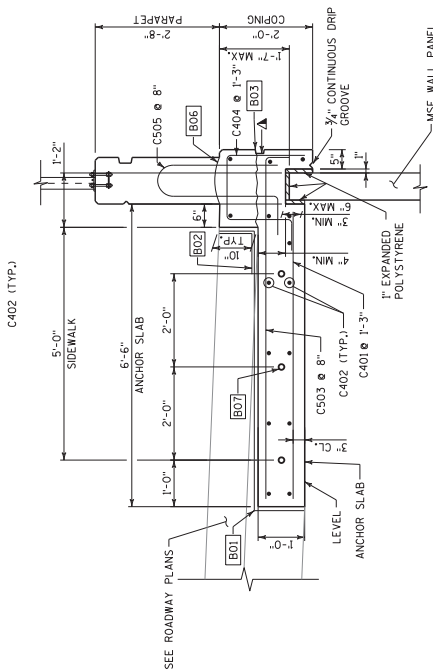
PROFILE GRADE LINE
N. KATHERINE DR NB



- NOTES**
- [B01] 18" RUBBERIZED MEMBRANE WATERPROOFING TO BE PLACED ON THESE SURFACES AT EACH JOINT.
 - [B02] IF THE OPTIONAL CONST. JOINT IS USED, PLACE 18" RUBBERIZED MEMBRANE WATERPROOFING ALONG THE ENTIRE LENGTH OF THE JOINT. THE MEMBRANE WATERPROOFING SEALING THE OPTIONAL CONST. JOINT IS INCIDENTAL TO BID ITEM "CONCRETE MASONRY RETAINING WALLS".
 - [B03] OPTIONAL CONST. JT. LEAVE SURFACE ROUGHENED
 - [B04] SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONC.)
 - [B05] EXPANSION JOINTS TO BE SPACED AT A MINIMUM OF 20'-0" AND A MAXIMUM OF 30'-0". EACH EXPANSION JOINT IS TO BE SPACED FROM THE JOINT TO THE NEXT JOINT. PROVIDE 1" CORK FILLER FOR DOWEL BARS. JOINT TO EXTEND FULL DEPTH OF PARAPET AND ANCHOR SLAB.
 - [B06] CONST. JOINT - STRIKE OFF AS SHOWN
 - [B07] 3/4" DIAMETER SMOOTH DOWEL BARS, 1'-6" LONG, AT EXPANSION JOINT; EMBED 9" IN PARAPET; BEGINNER ON 7/2 OF BARS LENGTH, COST INCLUDED IN "CONCRETE MASONRY RETAINING WALLS".

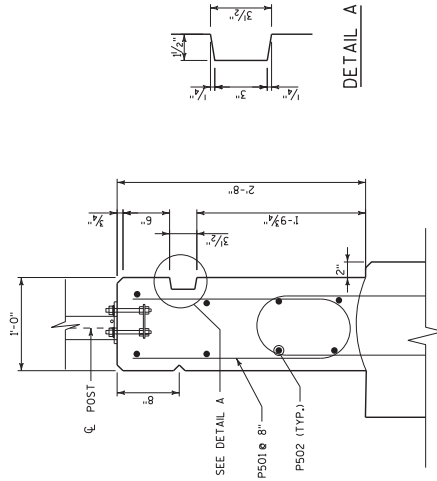


RUSTICATION DETAIL
▲ PROVIDE RUSTICATION IF OPT.
▲ CONST. JOINT IS USED.

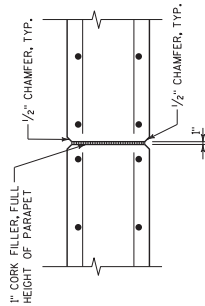


CAST-IN-PLACE CONCRETE MODIFIED SINGLE SLOPE PARAPET 42SS/ ANCHOR SLAB DETAIL FOR PRECAST WALL PANELS

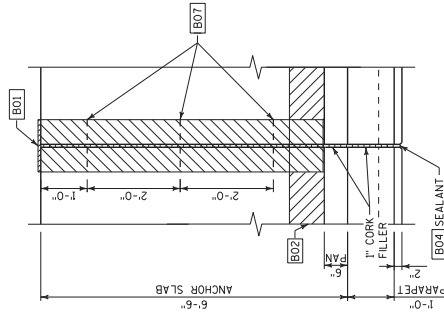
OPTIONAL CONSTRUCTION JOINTS IN THE PARAPET AND ANCHOR SLAB BETWEEN EXPANSION JOINTS MAY BE USED. RUN BAR REINFORCEMENT THROUGH THE JOINT.
LAP LONGITUDINAL #4 BARS A MINIMUM 1'-0"



MODIFIED VERTICAL FACE PARAPET A



PARAPET EXPANSION JOINT



ANCHOR SLAB EXPANSION JOINT DETAILS [B05]

Addendum No. 01
ID 1229-04-74
Added Sheet 1393E
November 23, 2021

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE R-45-44			
		BY: BROWN, SK	DATE: 11/23/21
		BY: PLANK, MHZ	DATE: 11/23/21
PARAPET & ANCHOR SLAB DETAILS (1 OF 2)			SHEET 5 OF 8
			1393E

COPING EXPANSION JOINT LOCATED WITH BARRIER AND ANCHOR SLAB EXPANSION JOINT

MULTIPLE OF PANEL LENGTH
20'-0" MIN., 30'-0" MAX.

TOP OF MODIFIED VERTICAL FACE PARAPET A

PLACE EXPANSION JOINT NORMAL TO TOP OF COPING WHEN TOP OF COPING SLOPE EXCEEDS 1:8

NAME PLATE

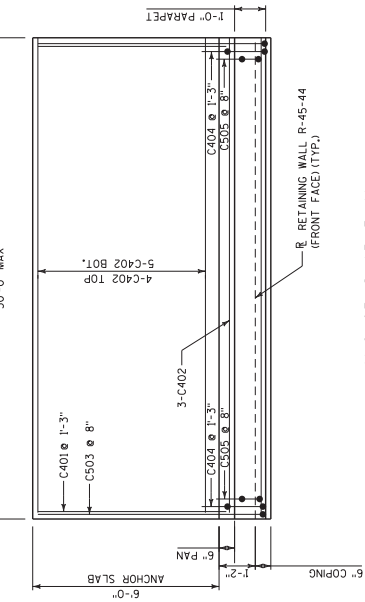
RUSTICATION 1/4" GROOVE

PARAPET

4'-0"

2'-8"

INSIDE ELEVATION SOUTH END
(LOOKING EAST)

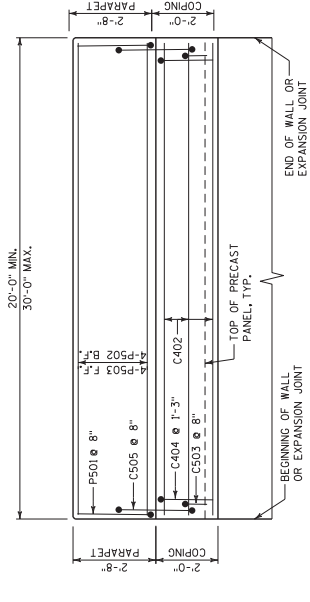


ANCHOR SLAB PLAN

(PARAPET REINFORCEMENT NOT SHOWN FOR CLARITY)

C.I.P. MODIFIED VERTICAL FACE PARAPET A OR COPING PARTIAL ELEVATION

NOTE: ALL JOINTS SHALL BE LOCATED AS SHOWN ON THE WALL ELEVATIONS AND MUST COINCIDE WITH PANEL JOINT ON FRONT FACE



OUTSIDE ELEVATION

(LOOKING WEST)
(RAILING NOT SHOWN FOR CLARITY)

ANCHOR SLAB BILL OF BARS

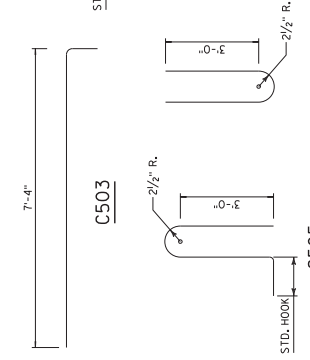
BAR MARK	NO.	LENGTH	BAR SERIES	LOCATION
C401	X 59	6'-1"	-	ANCHOR SLAB - TRANS.
C402	X 15	70'-0"	-	ANCHOR SLAB - LONG.
C503	X 107	8'-1"	X	ANCHOR SLAB - TRANS.
C404	X 59	4'-11"	X	ANCHOR SLAB - TRANS.
C505	X 107	5'-6"	X	ANCHOR SLAB/PARAPET DOWEL

NOTE: DIMENSIONS ARE OUT TO OUT OF BAR. THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE

PARAPET BILL OF BARS

BAR MARK	NO.	LENGTH	LOCATION
P501	X 107	4'-9"	X PARAPET - VERT.
P502	X 8	70'-0"	- PARAPET - LONG.

NOTE: DIMENSIONS ARE OUT TO OUT OF BAR. THE FIRST OR FIRST TWO DIGITS OF A BAR MARK SIGNIFIES THE BAR SIZE



Addendum No. 01
ID 1229-04-74
Added Sheet 1393F
November 23, 2021

BENDING DIAGRAMS

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE R-45-44			
DRAWN BY R. SK		CHECKED BY M. HZ	
PARAPET & ANCHOR SLAB DETAILS (2 OF 2)			SHEET 6 OF 8
			1393F

Addendum No. 01
 ID 1229-04-74
 Added Sheet 1393G
 November 23, 2021

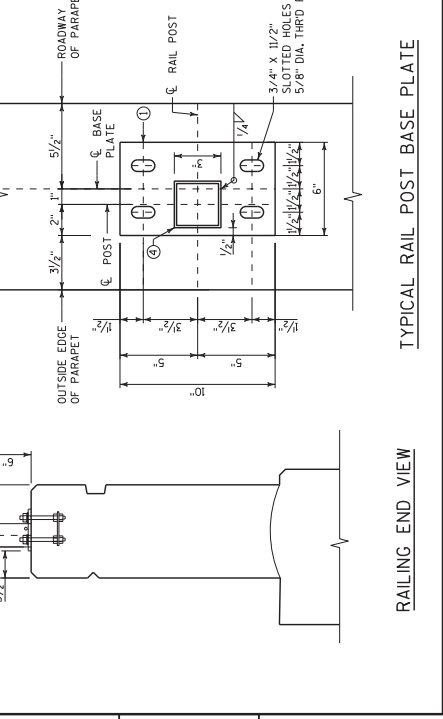
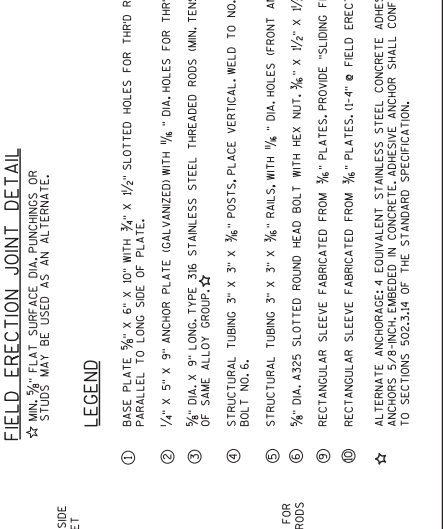
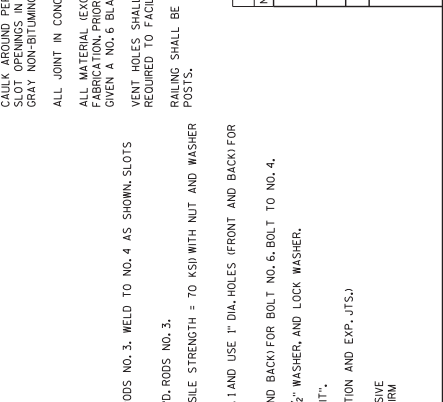
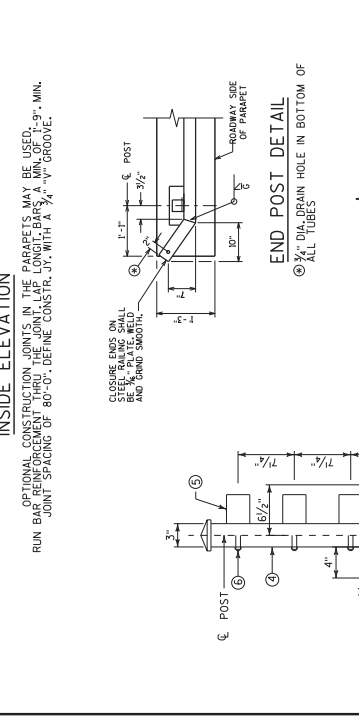
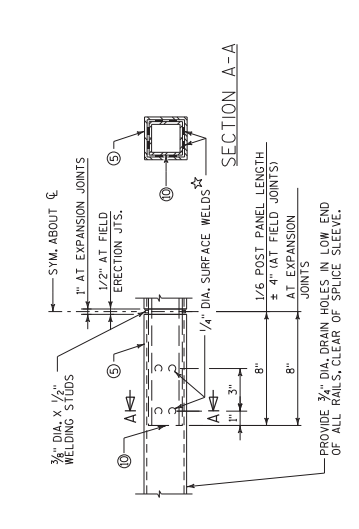
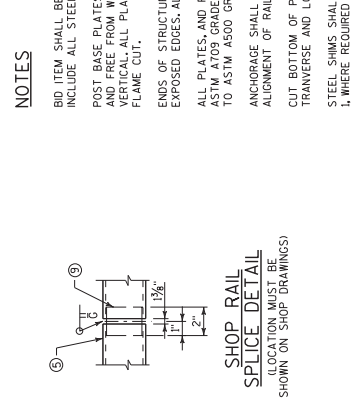
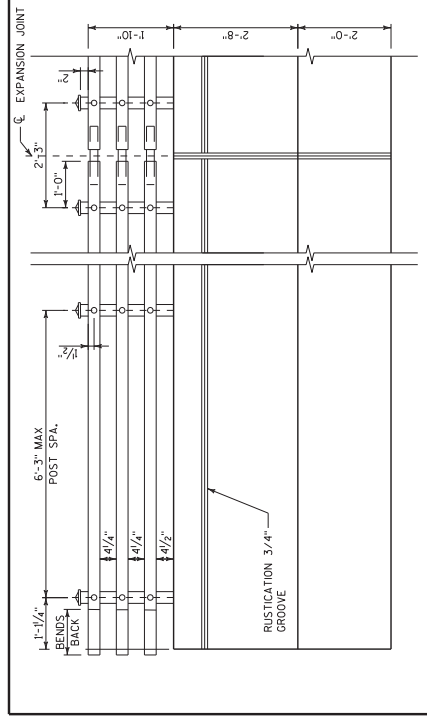
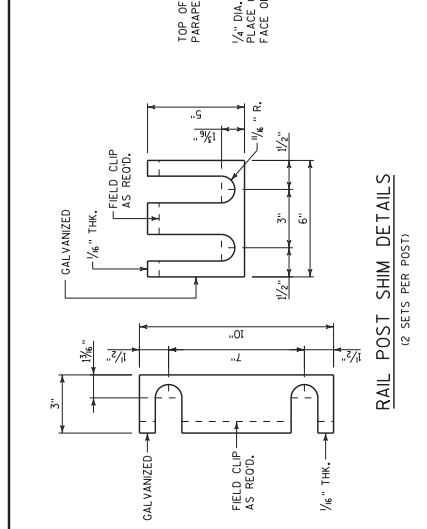
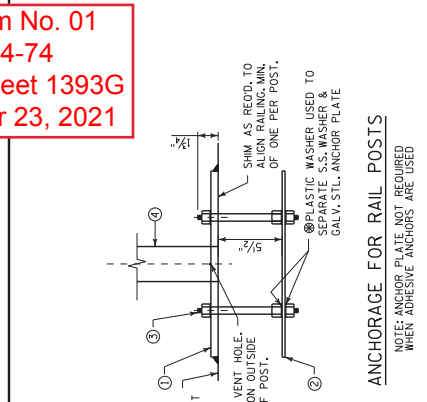
STATE PROJECT NUMBER
 1229-04-74

ANCHOR PLATE

NO. DATE REVISION BY
 STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

STRUCTURE R-45-44
 DRAWN BY: []
 CHECKED BY: []
 DATE: []

RAILING DETAILS
 SHEET 7 OF 8
 1393G



NOTES

RD ITEM SHALL BE "RAILING STEEL TYPE 317", WHICH SHALL INCLUDE ALL STEEL ITEMS SHOWN.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WRAP AND ALL EDGES SMOOTH, STRAIGHT, AND UNIFORM. ALL PLATES CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

ENDS OF STRUCTURAL TUBING SHALL BE SAVED, GRIND SMOOTH EXPOSED EDGES. ALL CUT ENDS SHALL BE TRUE AND SMOOTH.

ALL PLATES AND RECTANGULAR SLEEVES SHALL CONFORM TO ASTM A709 GRADE 36. ALL STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.

ANCHORAGE SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING, SET 1" NORMAL TO GRADE.

CUT BOTTOM OF POST TO MAKE POST VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTION.

STEEL SHIMS SHALL BE PROVIDED & USED UNDER BASE PLATE NO. 1, WHERE REQUIRED FOR ALIGNMENT, AND SHALL BE GALVANIZED.

CAULK AROUND PERIMETER OF BASE PLATE, NO. 1, AND FILL BOLT SLOT OPENINGS IN SHIMS AND BASE PLATES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

ALL JOINT IN CONCRETE PARAPET ARE TO BE VERTICAL.

ALL MATERIAL (EXCEPT NO. 3 & 12) SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING, THE STEEL RAILING SHALL BE GIVEN A NO. 6 BLAST CLEANING PER SSPC SPECIFICATIONS.

VENT HOLES SHALL BE DRILLED IN POST AND RAIL MEMBERS AS REQUIRED TO FACILITATE GALVANIZING AND DRAINAGE.

RAILING SHALL BE FABRICATED IN LENGTHS THAT INCLUDE 3 OR 4 POSTS.

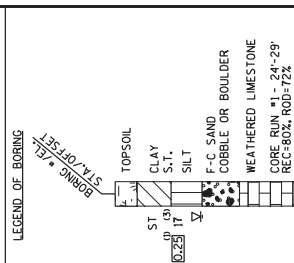
- LEGEND
- ① BASE PLATE 5/8" X 6" X 10" WITH 3/4" X 1/2" SLOTTED HOLES FOR THRD RODS NO. 3, WELD TO NO. 4 AS SHOWN. SLOTS PARALLEL TO LONG SIDE OF PLATE.
 - ② 1/4" X 5" X 9" ANCHOR PLATE GALVANIZED WITH 1/8" DIA. HOLES FOR THRD. RODS NO. 3.
 - ③ 5/8" DIA. X 9" LONG TYPE 316 STAINLESS STEEL THREADED RODS (MIN. TENSILE STRENGTH = 70 KSI) WITH NUT AND WASHER OF SAME ALLOY GROUP.
 - ④ STRUCTURAL TUBING 3" X 3" X 3/8" POSTS, PLACE VERTICAL, WELD TO NO. 1 AND USE 1" DIA. HOLES (FRONT AND BACK) FOR BOLT NO. 6.
 - ⑤ STRUCTURAL TUBING 3" X 3" X 3/8" RAILS, WITH 1/8" DIA. HOLES (FRONT AND BACK) FOR BOLT NO. 6, BOLT TO NO. 4.
 - ⑥ 3/8" DIA. A325 SLOTTED ROUND HEAD BOLT WITH HEX NUT, 3/8" X 1 1/2" X 1/2" WASHER AND LOCK WASHER.
 - ⑦ RECTANGULAR SLEEVE FABRICATED FROM 3/8" PLATES, (1-4") Ø FIELD ERECTION AND EXP. JTS).
 - ⑧ ALTERNATE ANCHORAGE: 4 EQUIVALENT STAINLESS STEEL CONCRETE ADHESIVE ANCHORS 5/8-INCH, EMBEDDED IN CONCRETE. ADHESIVE ANCHOR SHALL CONFORM TO SECTIONS 502.3.14 OF THE STANDARD SPECIFICATION.

FILE NAME : c:\cadd\110\p\scoreno11\y\root\lakes\lakes\080303_de.dgn
 PLOT DATE : 7-22-2021
 PLOT BY : scornelly
 PLOT NAME : #FILES
 PLOT SCALE : 1:12.66667

STATE PROJECT NUMBER
1229-04-74

MATERIAL SYMBOLS

ASPHALT	CONCRETE	SAND	BOULDERS OR COBBLES	SHALE	TOPSOIL	FILL	CLAY	LIMESTONE	SANDSTONE	PEAT	GRAVEL	SILT	BEDROCK (UNKNOWN)	IGNEOUS/METAL
---------	----------	------	---------------------	-------	---------	------	------	-----------	-----------	------	--------	------	-------------------	---------------



⁽¹⁾ UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSP)
⁽²⁾ UNCONFINED STRENGTH, AS DETERMINED BY UNCONFINED COMPRESSION TEST
⁽³⁾ UNLESS OTHERWISE SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206. STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

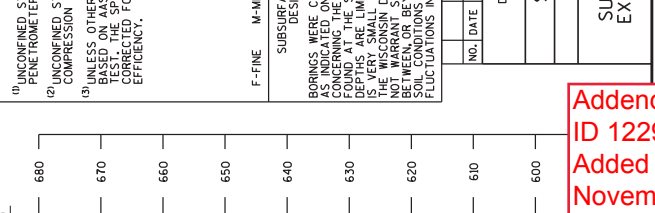
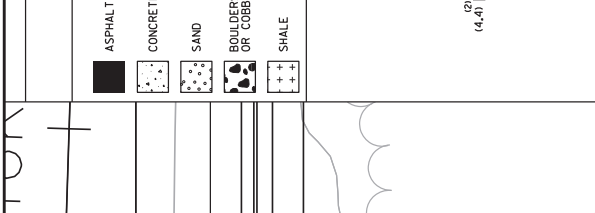
GROUND WATER ELEVATION
 ▽ AT TIME OF DRILLING
 ▽ END OF DRILLING
 ▽ AFTER DRILLING

F-FINE M-MEDIUM C-COARSE S.T.-SHELBY TUBE
 ABBREVIATIONS

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION
 BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTERISTICS OF MATERIALS FOUND AT THE SITE BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE. THESE BORINGS WERE NOT INTENDED TO REPRESENT A CROSS SECTION OF THE ENTIRE SITE. THEREFORE, NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE R-45-44			
DRAWN BY: EAJ		CHECKED BY: NMM	
SUBSURFACE EXPLORATION			SHEET 8 OF 8
1393H			

PLOT SCALE : 1:20.11



NOTE:
 THE SUBSURFACE INFORMATION PRESENTED HEREIN IS AN ABBREVIATED VERSION OF THE INFORMATION PRESENTED IN THE RESUME AND APPROPRIATE GEOTECHNICAL REPORT AND SOIL BORING LOGS FOR ADDITIONAL SUBSURFACE INFORMATION.
 WATER LEVELS INDICATED MAY NOT BE REPRESENTATIVE OF HYDROSTATIC WATER LEVELS.
 ⬤ DENOTES SOIL BORING LOCATION

Addendum No. 01
 ID 1229-04-74
 Added Sheet 1393H
 November 23, 2021

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
CFC-05A	FEBRUARY 18, 2020	357168	602549
CFC-05B	AUGUST 18, 2020	357165	602547
CFC-06	AUGUST 18, 2020	357199	602547

BORING NO.	DEPTH (FT)	SOIL TYPE	UNCONFINED STRENGTH (KSF)	SPT 'N' VALUE	GROUND WATER ELEVATION (FT)
R-45-44	0-1	ASPHALT (SP)			
	1-2	BASE COURSE (6")			
	2-3	LEAN CLAY W/ SAND (FILL)	3.75-4.50	28	
	3-4	LEAN CLAY (FILL)	4.25	11	
	4-5	LEAN CLAY (FILL)	2.50	14	
	5-6	LEAN CLAY (FILL)	1.75	15	
	6-7	LEAN CLAY W/ SAND (FILL)	1.50 (2.3)	5	
	7-8	SANDY LEAN CLAY W/ GRAVEL	1.75	7	
	8-9	LEAN CLAY W/ SAND	2.00	3	
	9-10	LEAN CLAY	1.00	8	
	10-11	LEAN CLAY	3.00	12	
CFC-05A	0-1	ASPHALT (SP)			
	1-2	BASE COURSE (6")			
	2-3	LEAN CLAY W/ SAND (FILL)	3.75-4.50	28	
	3-4	LEAN CLAY (FILL)	4.25	11	
	4-5	LEAN CLAY (FILL)	2.50	14	
	5-6	LEAN CLAY (FILL)	1.75	15	
	6-7	LEAN CLAY W/ SAND (FILL)	1.50 (2.3)	5	
	7-8	SANDY LEAN CLAY W/ GRAVEL	1.75	7	
	8-9	LEAN CLAY W/ SAND	2.00	3	
	9-10	LEAN CLAY	1.00	8	
	10-11	LEAN CLAY	3.00	12	
CFC-05B	0-1	ASPHALT (SP)			
	1-2	BASE COURSE (6")			
	2-3	LEAN CLAY W/ SAND (FILL)	3.75-4.50	28	
	3-4	LEAN CLAY (FILL)	4.25	11	
	4-5	LEAN CLAY (FILL)	2.50	14	
	5-6	LEAN CLAY (FILL)	1.75	15	
	6-7	LEAN CLAY W/ SAND (FILL)	1.50 (2.3)	5	
	7-8	SANDY LEAN CLAY W/ GRAVEL	1.75	7	
	8-9	LEAN CLAY W/ SAND	2.00	3	
	9-10	LEAN CLAY	1.00	8	
	10-11	LEAN CLAY	3.00	12	
CFC-06	0-1	ASPHALT (SP)			
	1-2	BASE COURSE (6")			
	2-3	LEAN CLAY W/ SAND (FILL)	3.75-4.50	28	
	3-4	LEAN CLAY (FILL)	4.25	11	
	4-5	LEAN CLAY (FILL)	2.50	14	
	5-6	LEAN CLAY (FILL)	1.75	15	
	6-7	LEAN CLAY W/ SAND (FILL)	1.50 (2.3)	5	
	7-8	SANDY LEAN CLAY W/ GRAVEL	1.75	7	
	8-9	LEAN CLAY W/ SAND	2.00	3	
	9-10	LEAN CLAY	1.00	8	
	10-11	LEAN CLAY	3.00	12	

FILE NAME : D:\11\dw\1-nt\mtd-or\g\mrcor_Lakes\Documents\WLn\Lakee Projects\62577 - 76950 - I-43 NS\VA\Structures\R-45-44\Cds\R44_08000130.dgn : 5/28/2021 2:35:06 PM PLOT BY : eajl@link PLOT NAME : #FILE#



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	60.000 STA	_____.	_____.
0004	201.0120 Clearing	142.000 ID	_____.	_____.
0006	201.0205 Grubbing	60.000 STA	_____.	_____.
0008	201.0220 Grubbing	142.000 ID	_____.	_____.
0010	203.0211.S Abatement of Asbestos Containing Material (structure) 0001. B-40-338	1.000 EACH	_____.	_____.
0012	203.0211.S Abatement of Asbestos Containing Material (structure) 0002. B-45-17	1.000 EACH	_____.	_____.
0014	203.0211.S Abatement of Asbestos Containing Material (structure) 0004. B-45-18	1.000 EACH	_____.	_____.
0016	203.0220 Removing Structure (structure) 0001. B- 40-338	1.000 EACH	_____.	_____.
0018	203.0220 Removing Structure (structure) 0002. B- 45-17	1.000 EACH	_____.	_____.
0020	203.0220 Removing Structure (structure) 0013. C- 45-17	1.000 EACH	_____.	_____.
0022	203.0220 Removing Structure (structure) 2003. 56DB+59	1.000 EACH	_____.	_____.
0024	204.0100 Removing Concrete Pavement	81,880.000 SY	_____.	_____.
0026	204.0150 Removing Curb & Gutter	3,570.000 LF	_____.	_____.
0028	204.0155 Removing Concrete Sidewalk	1,470.000 SY	_____.	_____.
0030	204.0157 Removing Concrete Barrier	230.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0165 Removing Guardrail	13,660.000 LF	_____.	_____.
0034	204.0170 Removing Fence	16,690.000 LF	_____.	_____.
0036	204.0180 Removing Delineators and Markers	34.000 EACH	_____.	_____.
0038	204.0185 Removing Masonry	10.000 CY	_____.	_____.
0040	204.0195 Removing Concrete Bases	22.000 EACH	_____.	_____.
0042	204.0210 Removing Manholes	15.000 EACH	_____.	_____.
0044	204.0220 Removing Inlets	152.000 EACH	_____.	_____.
0046	204.0245 Removing Storm Sewer (size) 0001. 12-Inch	3,438.000 LF	_____.	_____.
0048	204.0245 Removing Storm Sewer (size) 0002. 15-Inch	812.000 LF	_____.	_____.
0050	204.0245 Removing Storm Sewer (size) 0003. 18-Inch	1,800.000 LF	_____.	_____.
0052	204.0245 Removing Storm Sewer (size) 0004. 21-Inch	146.000 LF	_____.	_____.
0054	204.0245 Removing Storm Sewer (size) 0005. 24-Inch	1,330.000 LF	_____.	_____.
0056	204.0245 Removing Storm Sewer (size) 0006. 30-Inch	299.000 LF	_____.	_____.
0058	204.0245 Removing Storm Sewer (size) 0007. 36-Inch	1,067.000 LF	_____.	_____.
0060	204.0245 Removing Storm Sewer (size) 0008. 42-Inch	2,427.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	204.0245 Removing Storm Sewer (size) 0009. 48-Inch	10.000 LF	_____.	_____.
0064	204.0245 Removing Storm Sewer (size) 0010. 60-Inch	605.000 LF	_____.	_____.
0066	204.0245 Removing Storm Sewer (size) 0011. 4'x8' Box	208.000 LF	_____.	_____.
0068	204.0246 Removing Ancillary Structure (structure) 0001. S-40-927	1.000 EACH	_____.	_____.
0070	204.0265 Abandoning Wells	7.000 EACH	_____.	_____.
0072	204.0291.S Abandoning Sewer	220.120 CY	_____.	_____.
0074	204.9060.S Removing (item description) 0001. Barricade Rack and Barricades	1.000 EACH	_____.	_____.
0076	204.9060.S Removing (item description) 1001. Lighting Units	4.000 EACH	_____.	_____.
0078	204.9060.S Removing (item description) 3001. Luminaires	4.000 EACH	_____.	_____.
0080	204.9060.S Removing (item description) 3002. Traffic Signals IH 43 NB Off Ramp & CTH W	1.000 EACH	_____.	_____.
0082	204.9060.S Removing (item description) 3003. Loop Detector Wire and Lead-In Cable IH 43 NB Off Ramp & CTH W	1.000 EACH	_____.	_____.
0084	204.9060.S Removing (item description) 3004. Loop Detector Wire and Lead-In Cable CTH W & Donges Bay Rd	1.000 EACH	_____.	_____.
0086	204.9090.S Removing (item description) 0001. Lannon Stone Wall	4.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0088	204.9165.S Removing (item description) 0001. Temporary Shoring Left In Place	2,531.000 SF	_____.	_____.
0090	205.0100 Excavation Common	164,092.000 CY	_____.	_____.
0092	205.0300 Excavation Stone Piles and Stone Fences	6.000 CY	_____.	_____.
0094	206.1000 Excavation for Structures Bridges (structure) 0001.B-40-918	LS	LUMP SUM	_____.
0096	206.1000 Excavation for Structures Bridges (structure) 0003. B-45-103	LS	LUMP SUM	_____.
0098	206.1000 Excavation for Structures Bridges (structure) 1001. B-45-106	LS	LUMP SUM	_____.
0100	206.2000 Excavation for Structures Culverts (structure) 0013. C-45-60	LS	LUMP SUM	_____.
0102	210.1500 Backfill Structure Type A	1,282.000 TON	_____.	_____.
0104	210.2500 Backfill Structure Type B	11,160.000 TON	_____.	_____.
0106	211.0400 Prepare Foundation for Asphaltic Shoulders	68.000 STA	_____.	_____.
0108	213.0100 Finishing Roadway (project) 0100. 1229- 04-74	1.000 EACH	_____.	_____.
0110	305.0120 Base Aggregate Dense 1 1/4-Inch	106,057.000 TON	_____.	_____.
0112	310.0110 Base Aggregate Open-Graded	730.000 TON	_____.	_____.
0114	311.0110 Breaker Run	185,920.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0116	371.2000.S QMP Base Aggregate Dense 1 1/4-Inch Compaction	28.000 EACH	_____.	_____.
0118	390.0203 Base Patching Asphaltic	2,600.000 SY	_____.	_____.
0120	415.0060 Concrete Pavement 6-Inch	1,290.000 SY	_____.	_____.
0122	415.0410 Concrete Pavement Approach Slab	730.000 SY	_____.	_____.
0124	416.0270 Concrete Driveway HES 7-Inch	620.000 SY	_____.	_____.
0126	416.1110 Concrete Shoulder Rumble Strips	14,410.000 LF	_____.	_____.
0128	450.1100.S Asphaltic Mixture For Extreme Conditions	50.000 TON	_____.	_____.
0130	450.4000 HMA Cold Weather Paving	210.000 TON	_____.	_____.
0132	455.0605 Tack Coat	6,300.000 GAL	_____.	_____.
0134	460.2000 Incentive Density HMA Pavement	14,330.000 DOL	1.00000	14,330.00
0136	460.6223 HMA Pavement 3 MT 58-28 S	14,560.000 TON	_____.	_____.
0138	460.6224 HMA Pavement 4 MT 58-28 S	7,830.000 TON	_____.	_____.
0140	465.0120 Asphaltic Surface Driveways and Field Entrances	200.000 TON	_____.	_____.
0142	465.0125 Asphaltic Surface Temporary	100.000 TON	_____.	_____.
0144	495.1000.S Cold patch	20.000 TON	_____.	_____.
0146	501.1000.S Ice Hot Weather Concreting	50,469.000 LB	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0148	502.0100 Concrete Masonry Bridges	1,294.000 CY	_____.	_____.
0150	502.2000 Compression Joint Sealer Preformed Elastomeric (width) 0002. 2 1/4-Inch	221.000 LF	_____.	_____.
0152	502.3101 Expansion Device	328.000 LF	_____.	_____.
0154	502.3200 Protective Surface Treatment	6,585.000 SY	_____.	_____.
0156	502.3210 Pigmented Surface Sealer	1,208.000 SY	_____.	_____.
0158	503.0137 Prestressed Girder Type I 36W-Inch	2,643.000 LF	_____.	_____.
0160	503.0146 Prestressed Girder Type I 45W-Inch	3,470.000 LF	_____.	_____.
0162	504.0100 Concrete Masonry Culverts	930.000 CY	_____.	_____.
0164	504.0500 Concrete Masonry Retaining Walls	895.000 CY	_____.	_____.
0166	504.0900 Concrete Masonry Endwalls	3.000 CY	_____.	_____.
0168	505.0400 Bar Steel Reinforcement HS Structures	161,570.000 LB	_____.	_____.
0170	505.0600 Bar Steel Reinforcement HS Coated Structures	700,910.000 LB	_____.	_____.
0172	505.0800.S Bar Steel Reinforcement HS Stainless Structures	7,440.000 LB	_____.	_____.
0174	506.2605 Bearing Pads Elastomeric Non-Laminated	96.000 EACH	_____.	_____.
0176	506.2610 Bearing Pads Elastomeric Laminated	32.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0178	506.4000 Steel Diaphragms (structure) 0001. B-40-918	30.000 EACH	_____.	_____.
0180	506.4000 Steel Diaphragms (structure) 0002. B-45-102	28.000 EACH	_____.	_____.
0182	506.4000 Steel Diaphragms (structure) 0003. B-45-103	28.000 EACH	_____.	_____.
0184	506.4000 Steel Diaphragms (structure) 1002. B-45-106	8.000 EACH	_____.	_____.
0186	509.5100.S Polymer Overlay	2,153.000 SY	_____.	_____.
0188	511.1200 Temporary Shoring (structure) 0001. B-40-918	480.000 SF	_____.	_____.
0190	511.1200 Temporary Shoring (structure) 0002. B-45-102	1,000.000 SF	_____.	_____.
0192	511.1200 Temporary Shoring (structure) 0013. C-45-60	4,260.000 SF	_____.	_____.
0194	511.1300 Temporary Shoring (location) 0010. Mainline Sta. 1326+00 To 1347+00 LT/RT	15,488.000 SF	_____.	_____.
0196	513.2001 Railing Pipe	1,351.000 LF	_____.	_____.
0198	513.4091 Railing Tubular Screening	1,236.000 LF	_____.	_____.
0200	513.7093 Railing Steel Type 3T	70.000 LF	_____.	_____.
0202	516.0500 Rubberized Membrane Waterproofing	273.000 SY	_____.	_____.
0204	520.1018 Apron Endwalls for Culvert Pipe 18-Inch	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0206	520.1024 Apron Endwalls for Culvert Pipe 24-Inch	5.000 EACH	_____.	_____.
0208	522.0412 Culvert Pipe Reinforced Concrete Class IV 12-Inch	72.000 LF	_____.	_____.
0210	522.0415 Culvert Pipe Reinforced Concrete Class IV 15-Inch	55.000 LF	_____.	_____.
0212	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	3.000 EACH	_____.	_____.
0214	522.1015 Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	10.000 EACH	_____.	_____.
0216	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	3.000 EACH	_____.	_____.
0218	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	4.000 EACH	_____.	_____.
0220	522.1048 Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	2.000 EACH	_____.	_____.
0222	522.1060 Apron Endwalls for Culvert Pipe Reinforced Concrete 60-Inch	1.000 EACH	_____.	_____.
0224	531.1100 Concrete Masonry Ancillary Structures Type NS	42.000 CY	_____.	_____.
0226	531.1140 Steel Reinforcement HS Ancillary Structures Type NS	4,892.000 LB	_____.	_____.
0228	531.1160 Steel Reinforcement HS Coated Ancillary Structures Type NS	2,440.000 LB	_____.	_____.
0230	531.2024 Drilling Shaft 24-Inch	96.000 LF	_____.	_____.
0232	531.2036 Drilling Shaft 36-Inch	146.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0234	531.2048 Drilling Shaft 48-Inch	23.000 LF	_____.	_____.
0236	531.4050 Foundation Camera Pole 50-FT	1.000 EACH	_____.	_____.
0238	531.5330 Foundation Single-Shaft Type TC-III (structure) 0015. S-40-3059	1.000 EACH	_____.	_____.
0240	531.5420 Foundation Single-Shaft Type TF-II (structure) 0017. S-45-217	2.000 EACH	_____.	_____.
0242	531.6020 Foundation Two-Shaft Type FC-II (structure) 0018. S-45-218	1.000 EACH	_____.	_____.
0244	532.5330 Truss Cantilever 2-Chord Type III (structure) 0015. S-40-3059	1.000 EACH	_____.	_____.
0246	532.5420 Truss Full Span 2-Chord Type II (structure) 0017. S-45-217	1.000 EACH	_____.	_____.
0248	532.6000 Truss Cantilever 4-Chord Type NS (structure) 0014. S-40-3058	1.000 EACH	_____.	_____.
0250	532.6000 Truss Cantilever 4-Chord Type NS (structure) 0016. S-45-5	1.000 EACH	_____.	_____.
0252	532.6020 Truss Cantilever 4-Chord Type II (structure) 0018. S-45-218	1.000 EACH	_____.	_____.
0254	541.0300.S Noise Barriers Double-Sided Sound Absorptive (structure) 0019. N-40-101	67,350.000 SF	_____.	_____.
0256	550.0500 Pile Points	182.000 EACH	_____.	_____.
0258	550.2126 Piling CIP Concrete 12 3/4 X 0.375-Inch	15,480.000 LF	_____.	_____.
0260	601.0331 Concrete Curb & Gutter 31-Inch	3,430.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0262	601.0409 Concrete Curb & Gutter 30-Inch Type A	3,450.000 LF	_____.	_____.
0264	601.0411 Concrete Curb & Gutter 30-Inch Type D	12,880.000 LF	_____.	_____.
0266	601.0600 Concrete Curb Pedestrian	25.000 LF	_____.	_____.
0268	602.0410 Concrete Sidewalk 5-Inch	75,480.000 SF	_____.	_____.
0270	602.0505 Curb Ramp Detectable Warning Field Yellow	210.000 SF	_____.	_____.
0272	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	433.000 SF	_____.	_____.
0274	603.1456 Concrete Barrier Type S56C	1,563.000 LF	_____.	_____.
0276	603.2156 Concrete Barrier Fixed Object Protection Type S56	40.000 LF	_____.	_____.
0278	603.3559 Concrete Barrier Transition Type S42 to S56	18.000 EACH	_____.	_____.
0280	603.8000 Concrete Barrier Temporary Precast Delivered	60,787.000 LF	_____.	_____.
0282	603.8125 Concrete Barrier Temporary Precast Installed	60,787.000 LF	_____.	_____.
0284	604.0400 Slope Paving Concrete	228.000 SY	_____.	_____.
0286	606.0200 Riprap Medium	340.000 CY	_____.	_____.
0288	606.0300 Riprap Heavy	431.000 CY	_____.	_____.
0290	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	1,663.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0292	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	5,703.000 LF	_____.	_____.
0294	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	2,828.000 LF	_____.	_____.
0296	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	619.000 LF	_____.	_____.
0298	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	2,697.000 LF	_____.	_____.
0300	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	957.000 LF	_____.	_____.
0302	608.0348 Storm Sewer Pipe Reinforced Concrete Class III 48-Inch	303.000 LF	_____.	_____.
0304	608.0360 Storm Sewer Pipe Reinforced Concrete Class III 60-Inch	264.000 LF	_____.	_____.
0306	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	200.000 LF	_____.	_____.
0308	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	1,103.000 LF	_____.	_____.
0310	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	1,117.000 LF	_____.	_____.
0312	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	353.000 LF	_____.	_____.
0314	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	14.000 LF	_____.	_____.
0316	608.0442 Storm Sewer Pipe Reinforced Concrete Class IV 42-Inch	288.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0318	608.0484 Storm Sewer Pipe Reinforced Concrete Class IV 84-Inch	782.000 LF	_____.	_____.
0320	608.0560 Storm Sewer Pipe Reinforced Concrete Class V 60-Inch	404.000 LF	_____.	_____.
0322	608.2434 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch	361.000 LF	_____.	_____.
0324	608.3012 Storm Sewer Pipe Class III-A 12-Inch	30.000 LF	_____.	_____.
0326	608.3015 Storm Sewer Pipe Class III-A 15-Inch	2,909.000 LF	_____.	_____.
0328	608.3018 Storm Sewer Pipe Class III-A 18-Inch	1,053.000 LF	_____.	_____.
0330	608.3024 Storm Sewer Pipe Class III-A 24-Inch	2,475.000 LF	_____.	_____.
0332	608.3615 Storm Sewer Pipe Class III-B 15-Inch	328.000 LF	_____.	_____.
0334	608.3618 Storm Sewer Pipe Class III-B 18-Inch	220.000 LF	_____.	_____.
0336	611.0420 Reconstructing Manholes	2.000 EACH	_____.	_____.
0338	611.0530 Manhole Covers Type J	9.000 EACH	_____.	_____.
0340	611.0535 Manhole Covers Type J-Special	22.000 EACH	_____.	_____.
0342	611.0545 Manhole Covers Type L	1.000 EACH	_____.	_____.
0344	611.0550 Manhole Covers Type M	2.000 EACH	_____.	_____.
0346	611.0610 Inlet Covers Type BW	197.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0348	611.0612 Inlet Covers Type C	3.000 EACH	_____.	_____.
0350	611.0624 Inlet Covers Type H	107.000 EACH	_____.	_____.
0352	611.0642 Inlet Covers Type MS	55.000 EACH	_____.	_____.
0354	611.0657 Inlet Covers Type W	21.000 EACH	_____.	_____.
0356	611.2004 Manholes 4-FT Diameter	3.000 EACH	_____.	_____.
0358	611.2005 Manholes 5-FT Diameter	33.000 EACH	_____.	_____.
0360	611.2006 Manholes 6-FT Diameter	34.000 EACH	_____.	_____.
0362	611.2007 Manholes 7-FT Diameter	14.000 EACH	_____.	_____.
0364	611.2008 Manholes 8-FT Diameter	14.000 EACH	_____.	_____.
0366	611.3004 Inlets 4-FT Diameter	171.000 EACH	_____.	_____.
0368	611.3225 Inlets 2x2.5-FT	67.000 EACH	_____.	_____.
0370	611.3230 Inlets 2x3-FT	15.000 EACH	_____.	_____.
0372	611.3901 Inlets Median 1 Grate	21.000 EACH	_____.	_____.
0374	611.3902 Inlets Median 2 Grate	16.000 EACH	_____.	_____.
0376	611.8115 Adjusting Inlet Covers	4.000 EACH	_____.	_____.
0378	611.8120.S Cover Plates Temporary	9.000 EACH	_____.	_____.
0380	611.9800.S Pipe Grates	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0382	611.9900.S Drain Slotted Vane	5.000 EACH	_____.	_____.
0384	612.0106 Pipe Underdrain 6-Inch	23,280.000 LF	_____.	_____.
0386	612.0206 Pipe Underdrain Unperforated 6-Inch	304.000 LF	_____.	_____.
0388	612.0406 Pipe Underdrain Wrapped 6-Inch	3,259.000 LF	_____.	_____.
0390	614.0150 Anchor Assemblies for Steel Plate Beam Guard	4.000 EACH	_____.	_____.
0392	614.0397 Guardrail Mow Strip Emulsified Asphalt	42.000 SY	_____.	_____.
0394	614.0805 Crash Cushions Permanent Low Maintenance	2.000 EACH	_____.	_____.
0396	614.0905 Crash Cushions Temporary	12.000 EACH	_____.	_____.
0398	614.1100 MGS Guardrail Temporary Thrie Beam Transition	72.000 LF	_____.	_____.
0400	614.2310 MGS Guardrail 3 HS	12.500 LF	_____.	_____.
0402	614.2500 MGS Thrie Beam Transition	39.000 LF	_____.	_____.
0404	614.2610 MGS Guardrail Terminal EAT	1.000 EACH	_____.	_____.
0406	616.0206 Fence Chain Link 6-FT	13,838.000 LF	_____.	_____.
0408	616.0329 Gates Chain Link (width) 0001. 4-FT	1.000 EACH	_____.	_____.
0410	616.0329 Gates Chain Link (width) 0002. 13-FT	1.000 EACH	_____.	_____.
0412	616.0700.S Fence Safety	8,500.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0414	618.0100 Maintenance And Repair of Haul Roads (project) 0100. 1229-04-74	1.000 EACH	_____.	_____.
0416	619.1000 Mobilization	1.000 EACH	_____.	_____.
0418	620.0200 Concrete Median Blunt Nose	140.000 SF	_____.	_____.
0420	620.0300 Concrete Median Sloped Nose	1,420.000 SF	_____.	_____.
0422	624.0100 Water	660.000 MGAL	_____.	_____.
0424	627.0200 Mulching	102,000.000 SY	_____.	_____.
0426	628.1104 Erosion Bales	200.000 EACH	_____.	_____.
0428	628.1504 Silt Fence	6,960.000 LF	_____.	_____.
0430	628.1520 Silt Fence Maintenance	5,950.000 LF	_____.	_____.
0432	628.1905 Mobilizations Erosion Control	25.000 EACH	_____.	_____.
0434	628.1910 Mobilizations Emergency Erosion Control	40.000 EACH	_____.	_____.
0436	628.2002 Erosion Mat Class I Type A	50,690.000 SY	_____.	_____.
0438	628.2006 Erosion Mat Urban Class I Type A	27,880.000 SY	_____.	_____.
0440	628.2008 Erosion Mat Urban Class I Type B	3,167.000 SY	_____.	_____.
0442	628.2023 Erosion Mat Class II Type B	3,530.000 SY	_____.	_____.
0444	628.6505 Soil Stabilizer Type A	1.000 ACRE	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0446	628.6510 Soil Stabilizer Type B	17.200 ACRE	_____.	_____.
0448	628.7005 Inlet Protection Type A	78.000 EACH	_____.	_____.
0450	628.7010 Inlet Protection Type B	181.000 EACH	_____.	_____.
0452	628.7015 Inlet Protection Type C	157.000 EACH	_____.	_____.
0454	628.7020 Inlet Protection Type D	21.000 EACH	_____.	_____.
0456	628.7504 Temporary Ditch Checks	650.000 LF	_____.	_____.
0458	628.7555 Culvert Pipe Checks	42.000 EACH	_____.	_____.
0460	628.7560 Tracking Pads	10.000 EACH	_____.	_____.
0462	628.7570 Rock Bags	220.000 EACH	_____.	_____.
0464	629.0210 Fertilizer Type B	70.000 CWT	_____.	_____.
0466	630.0170 Seeding Mixture No. 70	6.000 LB	_____.	_____.
0468	630.0200 Seeding Temporary	50.000 LB	_____.	_____.
0470	630.0500 Seed Water	3,000.000 MGAL	_____.	_____.
0472	631.0300 Sod Water	910.000 MGAL	_____.	_____.
0474	631.1000 Sod Lawn	4,510.000 SY	_____.	_____.
0476	633.1000 Delineators Barrier Wall	180.000 EACH	_____.	_____.
0478	633.5200 Markers Culvert End	29.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0480	634.0618 Posts Wood 4x6-Inch X 18-FT	62.000 EACH	_____.	_____.
0482	634.0622 Posts Wood 4x6-Inch X 22-FT	53.000 EACH	_____.	_____.
0484	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	154.000 EACH	_____.	_____.
0486	634.0885 Posts Tubular Steel 2x2-Inch X 8.5-FT	13.000 EACH	_____.	_____.
0488	635.0200 Sign Supports Structural Steel HS	6,800.000 LB	_____.	_____.
0490	637.1220 Signs Type I Reflective SH	2,008.500 SF	_____.	_____.
0492	637.2210 Signs Type II Reflective H	2,111.810 SF	_____.	_____.
0494	637.2215 Signs Type II Reflective H Folding	143.960 SF	_____.	_____.
0496	637.2230 Signs Type II Reflective F	504.750 SF	_____.	_____.
0498	638.2101 Moving Signs Type I	2.000 EACH	_____.	_____.
0500	638.2102 Moving Signs Type II	6.000 EACH	_____.	_____.
0502	638.2601 Removing Signs Type I	9.000 EACH	_____.	_____.
0504	638.2602 Removing Signs Type II	177.000 EACH	_____.	_____.
0506	638.3000 Removing Small Sign Supports	187.000 EACH	_____.	_____.
0508	638.3100 Removing Structural Steel Sign Supports	13.000 EACH	_____.	_____.
0510	640.1303.S Pond Liner Clay	2,165.000 CY	_____.	_____.
0512	643.0300 Traffic Control Drums	102,355.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0514	643.0410 Traffic Control Barricades Type II	667.000 DAY	_____.	_____.
0516	643.0420 Traffic Control Barricades Type III	11,942.000 DAY	_____.	_____.
0518	643.0705 Traffic Control Warning Lights Type A	23,824.000 DAY	_____.	_____.
0520	643.0715 Traffic Control Warning Lights Type C	20,970.000 DAY	_____.	_____.
0522	643.0800 Traffic Control Arrow Boards	62.000 DAY	_____.	_____.
0524	643.0900 Traffic Control Signs	49,488.000 DAY	_____.	_____.
0526	643.0910 Traffic Control Covering Signs Type I	5.000 EACH	_____.	_____.
0528	643.0920 Traffic Control Covering Signs Type II	99.000 EACH	_____.	_____.
0530	643.1000 Traffic Control Signs Fixed Message	38.750 SF	_____.	_____.
0532	643.1050 Traffic Control Signs PCMS	784.000 DAY	_____.	_____.
0534	643.1055.S Truck or Trailer Mounted Attenuator	10.000 DAY	_____.	_____.
0536	643.1205.S Basic Traffic Queue Warning System	784.000 DAY	_____.	_____.
0538	643.4100.S Traffic Control Interim Lane Closure	10.000 EACH	_____.	_____.
0540	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0542	645.0105 Geotextile Type C	1,190.000 SY	_____.	_____.
0544	645.0111 Geotextile Type DF Schedule A	12,940.000 SY	_____.	_____.
0546	645.0120 Geotextile Type HR	856.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0548	646.1020 Marking Line Epoxy 4-Inch	52,510.000 LF	_____.	_____.
0550	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	23,640.000 LF	_____.	_____.
0552	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch	3,980.000 LF	_____.	_____.
0554	646.3020 Marking Line Epoxy 8-Inch	3,260.000 LF	_____.	_____.
0556	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch	6,390.000 LF	_____.	_____.
0558	646.5020 Marking Arrow Epoxy	31.000 EACH	_____.	_____.
0560	646.5120 Marking Word Epoxy	9.000 EACH	_____.	_____.
0562	646.5320 Marking Railroad Crossings Epoxy	2.000 EACH	_____.	_____.
0564	646.6120 Marking Stop Line Epoxy 18-Inch	562.000 LF	_____.	_____.
0566	646.6220 Marking Yield Line Epoxy 18-Inch	19.000 EACH	_____.	_____.
0568	646.7120 Marking Diagonal Epoxy 12-Inch	4,880.000 LF	_____.	_____.
0570	646.7220 Marking Chevron Epoxy 24-Inch	770.000 LF	_____.	_____.
0572	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,865.000 LF	_____.	_____.
0574	646.8120 Marking Curb Epoxy	410.000 LF	_____.	_____.
0576	646.8220 Marking Island Nose Epoxy	11.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0578	646.9010 Marking Removal Line Water Blasting 4-Inch	146,274.000 LF	_____.	_____.
0580	649.0105 Temporary Marking Line Paint 4-Inch	231,879.000 LF	_____.	_____.
0582	649.0760 Temporary Marking Raised Pavement Marker Type I	4,603.000 EACH	_____.	_____.
0584	652.0125 Conduit Rigid Metallic 2-Inch	63.000 LF	_____.	_____.
0586	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	7,369.000 LF	_____.	_____.
0588	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	5,220.000 LF	_____.	_____.
0590	652.0605 Conduit Special 2-Inch	600.000 LF	_____.	_____.
0592	652.0800 Conduit Loop Detector	2,616.000 LF	_____.	_____.
0594	653.0135 Pull Boxes Steel 24x36-Inch	10.000 EACH	_____.	_____.
0596	653.0140 Pull Boxes Steel 24x42-Inch	66.000 EACH	_____.	_____.
0598	653.0220 Junction Boxes 18x6x6-Inch	2.000 EACH	_____.	_____.
0600	653.0905 Removing Pull Boxes	20.000 EACH	_____.	_____.
0602	654.0101 Concrete Bases Type 1	24.000 EACH	_____.	_____.
0604	654.0102 Concrete Bases Type 2	9.000 EACH	_____.	_____.
0606	654.0105 Concrete Bases Type 5	11.000 EACH	_____.	_____.
0608	654.0106 Concrete Bases Type 6	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0610	654.0110 Concrete Bases Type 10	3.000 EACH	_____.	_____.
0612	654.0120 Concrete Bases Type 10-Special	8.000 EACH	_____.	_____.
0614	654.0217 Concrete Control Cabinet Bases Type 9 Special	3.000 EACH	_____.	_____.
0616	654.0230 Concrete Control Cabinet Bases Type L30	1.000 EACH	_____.	_____.
0618	654.1239 Concrete Control Cabinet Bases ITS	1.000 EACH	_____.	_____.
0620	655.0210 Cable Traffic Signal 3-14 AWG	5,400.000 LF	_____.	_____.
0622	655.0230 Cable Traffic Signal 5-14 AWG	1,888.000 LF	_____.	_____.
0624	655.0240 Cable Traffic Signal 7-14 AWG	6,633.000 LF	_____.	_____.
0626	655.0260 Cable Traffic Signal 12-14 AWG	4,848.000 LF	_____.	_____.
0628	655.0320 Cable Type UF 2-10 AWG Grounded	3,502.000 LF	_____.	_____.
0630	655.0510 Electrical Wire Traffic Signals 12 AWG	1,010.000 LF	_____.	_____.
0632	655.0515 Electrical Wire Traffic Signals 10 AWG	16,562.000 LF	_____.	_____.
0634	655.0610 Electrical Wire Lighting 12 AWG	5,424.000 LF	_____.	_____.
0636	655.0620 Electrical Wire Lighting 8 AWG	4,907.000 LF	_____.	_____.
0638	655.0625 Electrical Wire Lighting 6 AWG	3,165.000 LF	_____.	_____.
0640	655.0630 Electrical Wire Lighting 4 AWG	1,745.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0642	655.0700 Loop Detector Lead In Cable	10,075.000 LF	_____.	_____.
0644	655.0800 Loop Detector Wire	10,116.000 LF	_____.	_____.
0646	655.0900 Traffic Signal EVP Detector Cable	5,400.000 LF	_____.	_____.
0648	656.0200 Electrical Service Meter Breaker Pedestal (location) 2001. MB-RM-40-0086	LS	LUMP SUM	_____.
0650	656.0200 Electrical Service Meter Breaker Pedestal (location) 3001. IH 43 NB Off Ramp/N Katherine Dr & CTH W	LS	LUMP SUM	_____.
0652	656.0200 Electrical Service Meter Breaker Pedestal (location) 3002. IH 43 SB Off Ramp/Port Washington Ln & CTH W	LS	LUMP SUM	_____.
0654	656.0200 Electrical Service Meter Breaker Pedestal (location) 3003. N Port Washington Rd & W County Line Road	LS	LUMP SUM	_____.
0656	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 1001. HL-45-RH	LS	LUMP SUM	_____.
0658	656.0500 Electrical Service Breaker Disconnect Box (location) 2001. CB-RM-40-0086	LS	LUMP SUM	_____.
0660	657.0100 Pedestal Bases	19.000 EACH	_____.	_____.
0662	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	21.000 EACH	_____.	_____.
0664	657.0310 Poles Type 3	9.000 EACH	_____.	_____.
0666	657.0322 Poles Type 5-Aluminum	11.000 EACH	_____.	_____.
0668	657.0327 Poles Type 6-Aluminum	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0670	657.0420 Traffic Signal Standards Aluminum 13-FT	8.000 EACH	_____.	_____.
0672	657.0425 Traffic Signal Standards Aluminum 15-FT	4.000 EACH	_____.	_____.
0674	657.0430 Traffic Signal Standards Aluminum 10-FT	7.000 EACH	_____.	_____.
0676	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	13.000 EACH	_____.	_____.
0678	657.0610 Luminaire Arms Single Member 4 1/2- Inch Clamp 6-FT	11.000 EACH	_____.	_____.
0680	658.0173 Traffic Signal Face 3S 12-Inch	42.000 EACH	_____.	_____.
0682	658.0174 Traffic Signal Face 4S 12-Inch	16.000 EACH	_____.	_____.
0684	658.0416 Pedestrian Signal Face 16-Inch	16.000 EACH	_____.	_____.
0686	658.0500 Pedestrian Push Buttons	16.000 EACH	_____.	_____.
0688	658.5069 Signal Mounting Hardware (location) 3001. IH 43 NB Off Ramp/N Katherine Dr & CTH W	LS	LUMP SUM	_____.
0690	658.5069 Signal Mounting Hardware (location) 3002. IH 43 SB Off Ramp/Port Washington Ln & CTH W	LS	LUMP SUM	_____.
0692	658.5069 Signal Mounting Hardware (location) 3003. N Port Washington Rd & W County Line Road	LS	LUMP SUM	_____.
0694	659.1125 Luminaires Utility LED C	41.000 EACH	_____.	_____.
0696	659.2130 Lighting Control Cabinets 120/240 30- Inch	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0698	662.1040.S Ramp Closure Gates 40-FT	3.000 EACH	_____.	_____.
0700	670.0100 Field System Integrator 0100. FTMS	LS	LUMP SUM	_____.
0702	670.0100 Field System Integrator 3001. CTH W	LS	LUMP SUM	_____.
0704	670.0100 Field System Integrator 3002. W County Line Rd	LS	LUMP SUM	_____.
0706	670.0200 ITS Documentation 0200. FTMS	LS	LUMP SUM	_____.
0708	670.0200 ITS Documentation 3001. CTH W	LS	LUMP SUM	_____.
0710	670.0200 ITS Documentation 3002. W County Line Rd	LS	LUMP SUM	_____.
0712	671.0132 Conduit HDPE 3-Duct 2-Inch	7,625.000 LF	_____.	_____.
0714	673.0105 Communication Vault Type 1	4.000 EACH	_____.	_____.
0716	673.0200.S Install ITS Field Cabinet	1.000 EACH	_____.	_____.
0718	674.0200 Cable Microwave Detector	4,125.000 LF	_____.	_____.
0720	674.0300 Remove Cable	495.000 LF	_____.	_____.
0722	675.0100 Install Controller Ramp Meter Processor Assembly	1.000 EACH	_____.	_____.
0724	675.0300 Install Mounted Controller Microwave Detector Assembly	6.000 EACH	_____.	_____.
0726	677.0150 Install Camera Pole 50-FT	1.000 EACH	_____.	_____.
0728	677.0200 Install Camera Assembly	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0730	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	2,655.000 LF	_____.	_____.
0732	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	8,175.000 LF	_____.	_____.
0734	678.0300 Fiber Optic Splice	80.000 EACH	_____.	_____.
0736	678.0400 Fiber Optic Termination	6.000 EACH	_____.	_____.
0738	678.0500 Communication System Testing 0500. FTMS	LS	LUMP SUM	_____.
0740	678.0500 Communication System Testing 3001. CTH W	LS	LUMP SUM	_____.
0742	678.0500 Communication System Testing 3002. W County Line Rd	LS	LUMP SUM	_____.
0744	678.0600 Install Ethernet Switches	4.000 EACH	_____.	_____.
0746	690.0150 Sawing Asphalt	800.000 LF	_____.	_____.
0748	690.0250 Sawing Concrete	23,670.000 LF	_____.	_____.
0750	715.0502 Incentive Strength Concrete Structures	32,906.000 DOL	1.00000	32,906.00
0752	715.0603 Incentive Strength Concrete Barrier	11,525.000 DOL	1.00000	11,525.00
0754	715.0715 Incentive Flexural Strength Concrete Pavement	43,455.000 DOL	1.00000	43,455.00
0756	740.0440 Incentive IRI Ride	27,550.000 DOL	1.00000	27,550.00
0758	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	11,200.000 HRS	5.00000	56,000.00



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0760	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	17,280.000 HRS	5.00000	86,400.00
0762	SPV.0035 Special 0001. Roadway Embankment	87,605.000 CY	_____	_____
0764	SPV.0035 Special 4000. HPC Masonry Structures	2,312.000 CY	_____	_____
0766	SPV.0045 Special 1001. Truck Entering Warning System	784.000 DAY	_____	_____
0768	SPV.0045 Special 1002. Combination Work Zone Digital Speed Limit - Speed Feedback Sign Trailer	784.000 DAY	_____	_____
0770	SPV.0060 Special 0010. Maintain and Salvage Crash Cushions Temporary Left In Place	6.000 EACH	_____	_____
0776	SPV.0060 Special 0013. Maintain and Salvage Traffic Control Warning Lights Type A Left In Place	22.000 EACH	_____	_____
0778	SPV.0060 Special 0014. Maintain and Salvage Traffic Control Barricades Type III Left In Place	11.000 EACH	_____	_____
0780	SPV.0060 Special 0020. Marking Contrast Epoxy Special Marking Arrow	25.000 EACH	_____	_____
0782	SPV.0060 Special 0021. Marking Contrast Epoxy Special Marking Word	6.000 EACH	_____	_____
0784	SPV.0060 Special 0101. Concrete Barrier Transition Type G1	1.000 EACH	_____	_____
0786	SPV.0060 Special 0102. Concrete Barrier Transition Type G2	1.000 EACH	_____	_____
0788	SPV.0060 Special 0106. Inlets Type Tee Special	2.000 EACH	_____	_____



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0790	SPV.0060 Special 0107. Temporary Storm Sewer Plug	59.000 EACH	_____.	_____.
0792	SPV.0060 Special 0110. Reconnect Storm Sewer	108.000 EACH	_____.	_____.
0794	SPV.0060 Special 0120. Mobilizations Emergency Pavement Repair	10.000 EACH	_____.	_____.
0796	SPV.0060 Special 0125. Section Corner Monuments Special	2.000 EACH	_____.	_____.
0798	SPV.0060 Special 0200. Fastening Sewer Access Covers	12.000 EACH	_____.	_____.
0800	SPV.0060 Special 0208. Manhole, 10X10-FT	7.000 EACH	_____.	_____.
0802	SPV.0060 Special 0210. Riser Pipe Grate	2.000 EACH	_____.	_____.
0804	SPV.0060 Special 0601. Baseline CPM Progress Schedule	1.000 EACH	_____.	_____.
0806	SPV.0060 Special 0602. Monthly CPM Progress Schedule Updates	22.000 EACH	_____.	_____.
0808	SPV.0060 Special 0700. Port Washington Pond Outlet Storm Sewer Structure	1.000 EACH	_____.	_____.
0810	SPV.0060 Special 0701. Corrugated Metal Anti-Seep Collar	1.000 EACH	_____.	_____.
0812	SPV.0060 Special 0918. Traffic Control Full Freeway Closure	5.000 EACH	_____.	_____.
0814	SPV.0060 Special 0940. Emergency Response to Traffic Involving Concrete Barrier Temporary	10.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0816	SPV.0060 Special 0945. Emergency Response to Traffic Involving Crash Cushion	5.000 EACH	_____.	_____.
0818	SPV.0060 Special 1000. Survey Project 1229-04-74	1.000 EACH	_____.	_____.
0820	SPV.0060 Special 1001. Remove Electrical Service Meter Breaker Pedestal Lighting	1.000 EACH	_____.	_____.
0822	SPV.0060 Special 1002. Removing Municipal Lighting Units	2.000 EACH	_____.	_____.
0824	SPV.0060 Special 1003. Municipal LED Luminaires	9.000 EACH	_____.	_____.
0826	SPV.0060 Special 1004. Concrete Bases Type 2 Modified	6.000 EACH	_____.	_____.
0828	SPV.0060 Special 1005. Salvage Municipal Pole	6.000 EACH	_____.	_____.
0830	SPV.0060 Special 1006. Install Salvaged Municipal Pole	6.000 EACH	_____.	_____.
0832	SPV.0060 Special 1007. Maintenance of Lighting System	1.000 EACH	_____.	_____.
0834	SPV.0060 Special 1008. Lighting System Integrator	1.000 EACH	_____.	_____.
0836	SPV.0060 Special 2000. Removing Electrical Service Meter Breaker Pedestal	1.000 EACH	_____.	_____.
0838	SPV.0060 Special 2001. Removing Controller Cabinet	1.000 EACH	_____.	_____.
0840	SPV.0060 Special 2002. Removing Controller Cabinet Base	1.000 EACH	_____.	_____.
0842	SPV.0060 Special 2008. Remove Pole	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0844	SPV.0060 Special 2013. Ground Rod	6.000 EACH	_____.	_____.
0846	SPV.0060 Special 2015. Refocus Vehicle Detector Assembly	4.000 EACH	_____.	_____.
0848	SPV.0060 Special 2016. Install Ethernet Radio	2.000 EACH	_____.	_____.
0850	SPV.0060 Special 2017. Signal Assembly Ramp Control Sidemount	2.000 EACH	_____.	_____.
0852	SPV.0060 Special 2018. Signal Assembly Advance Flasher Type 1	2.000 EACH	_____.	_____.
0854	SPV.0060 Special 2019. Install Salvaged Pole	1.000 EACH	_____.	_____.
0856	SPV.0060 Special 2020. Install Terminal Servers	1.000 EACH	_____.	_____.
0858	SPV.0060 Special 3001. Install Poles Type 9	1.000 EACH	_____.	_____.
0860	SPV.0060 Special 3002. Install Poles Type 10	2.000 EACH	_____.	_____.
0862	SPV.0060 Special 3003. Install Poles Type 9-Special	2.000 EACH	_____.	_____.
0864	SPV.0060 Special 3004. Install Poles Type 10-Special	6.000 EACH	_____.	_____.
0866	SPV.0060 Special 3007. Install Monotube Arms 15-FT	1.000 EACH	_____.	_____.
0868	SPV.0060 Special 3008. Install Monotube Arms 20-FT	1.000 EACH	_____.	_____.
0870	SPV.0060 Special 3010. Install Monotube Arms 30-FT	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0872	SPV.0060 Special 3012. Install Monotube Arms 35-FT-Special	3.000 EACH	_____.	_____.
0874	SPV.0060 Special 3014. Install Monotube Arms 40-FT-Special	5.000 EACH	_____.	_____.
0876	SPV.0060 Special 3019. Install Luminaire Arms Steel 15-FT	13.000 EACH	_____.	_____.
0878	SPV.0060 Special 3021. Video Detection System Programming	1.000 EACH	_____.	_____.
0880	SPV.0060 Special 3022. Traffic Signal Controller Programming	2.000 EACH	_____.	_____.
0882	SPV.0060 Special 3023. EVP Cabinet Equipment	1.000 EACH	_____.	_____.
0884	SPV.0060 Special 3051. Trnsp & Inst St Furn Traf Sig Cabin IH 43 NB Off R/N Katherine & CTH W	1.000 EACH	_____.	_____.
0886	SPV.0060 Special 3052. Trnsp & Ins St Furn Traf Sig Cab IH 43 SB Off R/Port Wash Ln & CTH W	1.000 EACH	_____.	_____.
0888	SPV.0060 Special 3053. Trnsp Traf Sig & Inter Light Matl IH 43 NB Off R/N Katherine Dr & CTH W	1.000 EACH	_____.	_____.
0890	SPV.0060 Special 3054. Trnsp Traf Sig & Inter Light Matl IH 43 SB Off R/Port Wash Ln & CTH W	1.000 EACH	_____.	_____.
0892	SPV.0060 Special 3055. Trnsp & Inst S-F FO Cable Pigtail 8-CT IH 43 Off R/N Katherine Dr & CTH W	1.000 EACH	_____.	_____.
0894	SPV.0060 Special 3056. Trnsp & Inst S-F FO Cable Pigtail 8-CT IH 43 Off R/Port Wash Ln & CTH W	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0896	SPV.0060 Special 3057. Trnsp & Inst S-F Radar Detec System IH 43 NB Off R/N Katherine Dr & CTH W	1.000 EACH	_____.	_____.
0898	SPV.0060 Special 3058. Trnsp & Inst S-F Radar Detec Syst IH 43 SB Off R/Port Wash Ln & CTH W	1.000 EACH	_____.	_____.
0900	SPV.0060 Special 3059. Trnsp & Inst S-F EVP Heads W/ Conf Lts IH 43 NB Off R/N Katherine & CTH W	1.000 EACH	_____.	_____.
0902	SPV.0060 Special 3060. Trnsp & Inst S-F EVP Heads W/Conf Lts IH 43 SB Off R/Port Wash Ln & CTH W	1.000 EACH	_____.	_____.
0904	SPV.0060 Special 3061. Trnsp & Inst S-F EVP Heads W/Conf Lts CTH W & Donges Bay	1.000 EACH	_____.	_____.
0906	SPV.0060 Special 3062. Trnsp & Inst S-F Muni Sig Cab N Port Washington Rd & W County Line Road	1.000 EACH	_____.	_____.
0908	SPV.0060 Special 3063. Trnsp Trf Sig & Inter Ltg Mat N Port Washington Rd & W County Line Road	1.000 EACH	_____.	_____.
0910	SPV.0060 Special 3064. Trnsp & Inst S-F FO Cable Pigtail 8-CT N Port Wash Rd & W County Line	1.000 EACH	_____.	_____.
0912	SPV.0060 Special 3065. Video Vehicle Detection System N Port Washington Rd & W County Line Rd	1.000 EACH	_____.	_____.
0914	SPV.0060 Special 3066. Trnsp & Inst S-F EVP Heads With Conf Ltg N Port Wash & W County Line	1.000 EACH	_____.	_____.
0916	SPV.0060 Special 4000. Pile Dynamic Analyzer (PDA) Testing	6.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0918	SPV.0060 Special 4001. Pile Dynamic Analyzer (PDA) Restrikes	6.000 EACH	_____.	_____.
0920	SPV.0060 Special 4002. Case Pile Wave Analysis Program (CAPWAP) Evaluation	3.000 EACH	_____.	_____.
0922	SPV.0060 Special 4003. Concrete Base Sleeves	1.000 EACH	_____.	_____.
0924	SPV.0060 Special 4004. Temporary Water Diversion Culvert C-45-60	1.000 EACH	_____.	_____.
0926	SPV.0060 Special 4005. Temporary Water Diversion Junction Chamber	1.000 EACH	_____.	_____.
0928	SPV.0060 Special 5000. Adjusting Sanitary Manhole	5.000 EACH	_____.	_____.
0930	SPV.0060 Special 5001. Reconstruct Sanitary Manhole	14.000 EACH	_____.	_____.
0932	SPV.0060 Special 5002. Furnish Sanitary Manhole Cover	8.000 EACH	_____.	_____.
0934	SPV.0060 Special 5010. Adjusting Water Valve Boxes	24.000 EACH	_____.	_____.
0936	SPV.0060 Special 5020. Hydrant Assembly Relocation	4.000 EACH	_____.	_____.
0938	SPV.0060 Special 5030. Valve Stem Extension and New Valve Box	4.000 EACH	_____.	_____.
0940	SPV.0075 Special 0601. Pavement Cleanup Project 1229-04-74	1,500.000 HRS	_____.	_____.
0942	SPV.0085 Special 0003. Seeding Mixture No. 30 Special	1,826.000 LB	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0944	SPV.0090 Special 0001. Concrete Curb and Gutter 54-Inch Type A	400.000 LF	_____.	_____.
0946	SPV.0090 Special 0002. Concrete Barrier Type S42 Special	25,529.000 LF	_____.	_____.
0948	SPV.0090 Special 0003. Concrete Barrier Type S56 Special	8,923.000 LF	_____.	_____.
0950	SPV.0090 Special 0004. Salvage and Reinstall Fence	155.000 LF	_____.	_____.
0952	SPV.0090 Special 0015. Maintain and Salvage Temporary Precast Concrete Barrier Left In Place	2,100.000 LF	_____.	_____.
0954	SPV.0090 Special 0201. Storm Sewer Pipe PVC, 6- Inch	8.000 LF	_____.	_____.
0956	SPV.0090 Special 0301. Heavy Duty Silt Fence	2,500.000 LF	_____.	_____.
0958	SPV.0090 Special 0600. Concrete Barrier Temporary Precast Left In Place	4,518.000 LF	_____.	_____.
0960	SPV.0090 Special 0910. Glare Screens Temporary	14,700.000 LF	_____.	_____.
0962	SPV.0090 Special 2001. Outdoor Rated Network Cable	420.000 LF	_____.	_____.
0964	SPV.0090 Special 5010. 4-Inch Water Main By- Pass Piping	209.000 LF	_____.	_____.
0966	SPV.0135 Special 0001. Field Office Special	18.000 MON	_____.	_____.
0968	SPV.0165 Special 4000. Longitudinal Grooving Bridge Deck	18,118.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0970	SPV.0165 Special 4001. Wall Concrete Panel Mechanically Stabilized Earth R-40-653	3,860.000 SF	_____.	_____.
0972	SPV.0165 Special 4002. Wall Concrete Panel Mechanically Stabilized Earth R-40-654	4,321.000 SF	_____.	_____.
0974	SPV.0165 Special 4003. Wall Concrete Panel Mechanically Stabilized Earth R-45-27	9,426.000 SF	_____.	_____.
0976	SPV.0165 Special 4004. Wall Concrete Panel Mechanically Stabilized Earth R-45-28	15,040.000 SF	_____.	_____.
0978	SPV.0165 Special 4005. Wall Concrete Panel Mechanically Stabilized Earth R-45-29	2,771.000 SF	_____.	_____.
0980	SPV.0165 Special 4006. Wall Concrete Panel Mechanically Stabilized Earth R-45-33	2,761.000 SF	_____.	_____.
0982	SPV.0165 Special 4007. Wall Concrete Panel Mechanically Stabilized Earth R-45-34	2,521.000 SF	_____.	_____.
0984	SPV.0165 Special 4008. Wall Concrete Panel Mechanically Stabilized Earth R-45-44	362.000 SF	_____.	_____.
0986	SPV.0180 Special 0001. Topsoil Special	106,480.000 SY	_____.	_____.
0988	SPV.0180 Special 0003. Concrete Pavement 8-Inch Special	23,500.000 SY	_____.	_____.
0990	SPV.0180 Special 0004. Concrete Pavement 10.5- Inch Special	120,060.000 SY	_____.	_____.
0992	SPV.0180 Special 0106. Asphaltic Material Binder	2,450.000 SY	_____.	_____.
0994	SPV.0195 Special 0001. HMA Longitudinal Joint Repair	50.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20211214024 Project(s): 1229-04-74

Federal ID(s): WISC 2022106

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0996	SPV.0195 Special 0002. HMA Transverse Joint Repair	20.000 TON	_____.	_____.
0998	SPV.0195 Special 4000. Excavation, Hauling, and Disposal of Creosote Contaminated Soil	1,907.000 TON	_____.	_____.
1000	SPV.0060 Special 0015. Maintain Traffic Control Signs Left In Place	316.000 EACH	_____.	_____.
1002	SPV.0060 Special 0950. Exposing Existing Infrastructure Paved Area	10.000 EACH	_____.	_____.
1004	SPV.0060 Special 0955. Exposing Existing Infrastructure Unpaved Area	10.000 EACH	_____.	_____.
1006	SPV.0090 Special 0016. Maintain Temporary Precast Concrete Barrier Left In Place	10,236.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.