



Wisconsin Department of Transportation

February 4, 2021

Division of Transportation Systems Development

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

Telephone: (608) 266-1631
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NOTICE TO ALL CONTRACTORS:

Proposal #23: 6170-00-61
C Wautoma, S Cambridge St
STH 22 S to STH 22 N
STH 21
Waushara County

6310-00-60, WISC 202118
Princeton - Plainfield
STH 22 S to CTH BB
STH 73
Waushara County

6321-00-72, WISC 2021181
Plainfield – Wisconsin Rapids
CTH BB to 5th Avenue
STH 73
Waushara County

Letting of February 9, 2021

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

Special Provisions:

Added Special Provisions	
Article No.	Description
32	Culvert Pipe Liners, 18-Inch, Item 520.9700.S.02; Culvert Pipe Liners, 24-Inch, Item 520.9700.S.03; Culvert Pipe Liners, 30-Inch, Item 520.9700.S.04; Culvert Pipe Liners, 36-Inch, Item 520.9700.S.05; Cleaning Culvert Pipes for Liner Verification, Item 520.9750.S.

Deleted Special Provisions	
Article No.	Description
21	Culvert Pipe Liners, 12-Inch, Item 520.9700.S.01; Culvert Pipe Liners, 18-Inch, Item 520.9700.S.02; Culvert Pipe Liners, 24-Inch, Item 520.9700.S.03; Culvert Pipe Liners, 30-Inch, Item 520.9700.S.04; Cleaning Culvert Pipes for Liner Verification, Item 520.9750.S.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
520.9700.S.02	Culvert Pipe Liners 18-Inch	LF	110	-55	65
520.9700.S.03	Culvert Pipe Liners 24-Inch	LF	190	-80	110
520.9700.S.04	Culvert Pipe Liners 30-Inch	LF	55	135	190

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
520.9700.S.05	Culvert Pipe Liners 36-Inch	LF	0	55	55

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
520.9700.S.01	Culvert Pipe Liners 12-Inch	LF	65	0	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
50	Item Revisions in Miscellaneous Quantities for Pipe Liners

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

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 03

6170-00-61 / 6310-00-60 / 6321-00-72

February 4, 2021

Special Provisions

21. DELETED

32. Culvert Pipe Liners, 18-Inch, Item 520.9700.S.02; Culvert Pipe Liners, 24-Inch, Item 520.9700.S.03; Culvert Pipe Liners, 30-Inch, Item 520.9700.S.04; Culvert Pipe Liners, 36-Inch, Item 520.9700.S.05; Cleaning Culvert Pipes for Liner Verification, Item 520.9750.S.

A Description

This special provision describes providing, verifying, and pressure grouting culvert pipe liners for circular culverts.

B Materials

B.1 General

Provide flow calculations at the preconstruction conference. Use contractor-proposed liner properties, the Manning's coefficients listed on the department's approved products list, and base calculations on existing culvert sizes and liner sizes the plans show. Ensure that pipes when lined have a capacity within $\pm 5\%$ of the original full flow capacity of the pipe.

B.2 Flexible Pipe Liner

Use liners with a Manning's coefficient value published on the department's approved products list. Upon delivery provide manufacturer certificates of compliance certifying that the liners conform to the following:

Pipe Type	ASTM Designation	ASTM D3350 Resin
High Density Polyethylene (HDPE)		
Profile Wall Pipe	F894	345463C
Solid Wall Pipe	F714	345463C
Polyvinylchloride (PVC)	F949	---

B.3 Grout

B.3.1 Cement

Furnish cement meeting the requirements of standard specification 501.2.1 for Type I or II Portland Cement.

B.3.2 Fly Ash

Furnish Class C or F Fly Ash meeting the requirements of standard specification 501.2.6.

B.3.3 Sand

Furnish natural sand meeting the fine aggregate requirements of standard specification 501.2.5.3. In addition to the size requirements of standard specification 501.2.5.3.4 the percent passing of the number 200 sieve shall be 0-5 percent passing by weight.

B.3.4 Water

Furnish water meeting the requirements of standard specification 501.2.4.

B.3.5 Mix Design

Use the basic proportions of dry materials per cubic yard of grout as follows:

- Cement 100 pounds
- Fly Ash 400 pounds
- Fine Aggregate 2600 pounds

Air entraining and chemical admixtures to control fluidity of the grout are allowable. Ten days before placement, furnish to the engineer a design mix detailing all components and their proportions in the mix.

B.8.6 Fluidity

Measure the fluidity of the grout per ASTM C939. Prior to filling the flow cone with flowable mortar, pass the mixture through a 1/4-inch screen. Use an efflux time of 10 seconds to 16 seconds. Measure in the presence of the engineer prior to placement and at least once every 4 working hours until work is complete.

B.8.7 Cellular Grout

Alternatively, the contractor may use, or if the manufacturer recommends, an engineer-approved commercial cellular concrete grout conforming to the following:

Cement	ASTM C150	Type I or II
Density	ASTM C495 (no oven drying)	50 pcf min
Compressive Strength	ASTM C495	300 psi @ 28 day min 100 psi in 24 hours
Shrinkage	ASTM	1% by volume
Flow	ASTM C939	35 sec max

C Construction

C.1 General

As soon as possible after contract execution, survey existing culvert pipes to determine which culverts need cleaning in order to verify the required liner diameter and length. Notify the engineer before cleaning to confirm payment under the Cleaning Culvert Pipes for Liner Verification bid item.

Coordinate with the engineer to field verify culvert diameter and length, shape, material, and condition before ordering the liners.

Obtain easements if necessary for installing long sections of pipe.

C.2 Excavating and Cleaning

Before inserting the liner, clean and dry the pipe. Excavate and pump as required to remove debris and other materials that would interfere with the placement or support of the inserted liner. Dispose of and replace unserviceable endwalls as the engineer directs.

C.3 Placing Liners

Unload liners using slings and boom-type trucks or equivalents. Do not use chains or wire rope to handle liners and do not dump liners from the trucks when unloading.

Install liners such that the alignment and invert lie true to the lines, grades, and elevations in the plan. In absence of plan details, install liners horizontally to provide even annular space between the host pipe and sides of the liner. Install liners vertically with the invert as close to the host pipe invert as possible.

Obtain additional easements, if necessary, for installing long sections of liner.

Connect joints and install the liner per the manufacturer's recommendations and this part.

C.4 Pressure Grouting

Furnish a written plan for grouting the annular space between the host pipe and culvert pipe liner to the engineer for acceptance. Furnish the grouting plan prior to or at the project preconstruction conference so that it can be reviewed and discussed. At a minimum, the grouting plan shall consist of the following:

- Intended grout mix(es)
- Testing methods and frequency
- Pumping equipment and pressure regulation
- Intended grout staging
- Grout monitoring
- Bracing/floatation control

Include a description of staging in the grouting plan. Based on the length and slope of the host culvert, multiple stages may be required to minimize external loads on the culvert pipe liner. Develop the staging plan with the manufacturer based on the recommended maximum loading for the culvert pipe liner and the condition of the host culvert. Unless approved by the manufacturer, in no case shall a single lift of grout exceed 1/3rd the pipe external diameter at any point in the pour.

After the liner is in place, fill the area between the original culvert and the liner completely with grout per the accepted grouting plan. Block, grout in lifts, or otherwise secure liners to prevent floatation or deformation of the liner while grouting. Grout ports can be fabricated to allow placement of anti-floatation bracing or spacers. Use a grout plant that is capable of accurately measuring, proportioning, mixing, and discharging by volume and at discharge pressures the liner manufacturer recommends. Do not exceed manufacturer-specified maximum pressures. Place grout in lifts to prevent exceeding maximum allowable pressures and to prevent floatation.

Use grout and witness ports to vent grouting and monitoring grouting progress. Plug ports as necessary as grout reaches them.

Do not remove any bracing inside of the liner until the grouting process is complete.

C.5 Assembly, Floatation, and Deflection Mitigation

Damage or misalignment due to assembly, floatation or deformation during grouting, or otherwise resulting from workmanship will be mitigated at the contractor's expense.

C.6 Site Restoration

Replace pipe sections damaged or collapsed during installation or grouting operations. Restore the grade to its original or improved cross section. Dispose of waste material.

D Measurement

The department will measure the Culvert Pipe Liners bid items by the linear foot measured in place for each culvert location, acceptably completed.

The department will measure Cleaning Culvert Pipes for Liner Verification as each culvert, acceptably cleaned. The department will only measure culverts the engineer approves for payment.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
520.9700.S.02	Culvert Pipe Liners 18-Inch	LF
520.9700.S.03	Culvert Pipe Liners 24-Inch	LF
520.9700.S.04	Culvert Pipe Liners 30-Inch	LF
520.9700.S.05	Culvert Pipe Liners 36-Inch	LF
520.9750.S	Cleaning Culvert Pipes for Liner Verification	EACH

Payment for the Culvert Pipe Liners bid items is full compensation for providing pipe liners; obtaining easements; for excavation and pumping; for cleaning the existing pipe before liner installation; for pressure

grouting; for replacing contractor-damaged pipe and endwalls; and for restoring the grade and disposing of waste materials.

The department will pay the contractor \$150 per cubic yard for grout required in excess of 110 percent of the theoretical quantity required to fill the space between the inside diameter of the existing pipe and the outside diameter of the liner.

Payment for Cleaning Culvert Pipes for Liner Verification is full compensation for cleaning required to verify liner length and diameter; for excavation and pumping; and for disposing of waste material.

The department will pay separately for replacing unserviceable endwalls not rendered unserviceable by contractor operations under the appropriate contract endwall bid item, or absent the appropriate item as extra work.

stp-520-015 (20180628)

Schedule of Items

Attached, dated February 4, 2021, are the revised Schedule of Items Pages 1 – 9.

Plan Sheets

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

6310-00-60

Revised: 50

END OF ADDENDUM

Addendum No. 01
ID 6310-00-60
Revised Sheet 50
February 4, 2021

CULVERT PIPE TRANSITION

CULVERT	LIMITS	"D" DEPTH LENGTH (FT)	DEPTH TO CENTER OF PIPE (IN)	"T" DEPTH WIDTH (FT)	TRENCH WIDTH (FT)	SHOULDER POINT TO SHOULDER POINT PERPENDICULAR (FT)	SHOULDER POINT TO SHOULDER POINT ALONG TRENCH (FT)	PAVEMENT REMOVAL (CF)	LENGTH OF CUT (FT)	TRANSITION CUT VOLUME W/O PAVEMENT (CF)	204.0100 CONCRETE PAVEMENT (SY)	204.9060S REMOVING CATTLEPASS TOP (EACH)	205.0100 EXCAVATION COMMON (CY)
C-69073007418	575+88 to 575+28	140	17.7	30	5	38	38	8764	135	12825	312	1	800
C-69073008079	705+39 to 705+47	108	5.7	30	5	38	40	6886	103	10300	240	1	630
C-69073007097	812+92 to 813+98	106	0.8	24	4	47	47	8190	102	4235	236	-	461
TOTAL											768	2	1881

CULVERT PIPE LINERS

LOCATION	520.9700.S CULVERT PIPE LINERS (18-INCH) (LF)	520.9700.S CULVERT PIPE LINERS (24-INCH) (LF)	520.9700.S CULVERT PIPE LINERS (30-INCH) (LF)	520.9700.S CULVERT PIPE LINERS (36-INCH) (LF)	520.9750.S CLEANING CULVERT PIPES FOR LINER VERIFICATION (EACH)
C-69073007074	-	-	-	55	1
C-69073007076	65	-	-	-	1
C-69073007080	-	65	-	-	1
C-69073007081	-	-	65	-	1
C-69073007089	-	-	60	-	1
C-69073007092	-	50	-	-	1
C-69073007099	-	60	-	-	1
TOTALS	65	110	190	55	7

CULVERT PIPE

LOCATION	203.0100 REMOVING SMALL PIPE (EACH)	520.3524 CULVERT PIPE CLASS III-B (LF)	520.3530 CULVERT PIPE CLASS III-B (LF)	522.1024 APRON ENDWALLS FOR CULVERT PIPE (EACH)	522.1030 APRON ENDWALLS FOR CULVERT PIPE (EACH)	633.5200 MARKERS CULVERT ENDS (EACH)	SPV. 0060.02 LANE SHIFT (EA)
C-69073007418	-	-	113	-	2	1130.39	1123.06
C-69073008079	-	-	80	-	2	1107.89	1112.32
C-69073007097	1	50	-	2	-	1103.26	1104.12
TOTALS	1	50	193	2	4	6	6

ALL ITEMS ON THIS PAGE ARE CATEGORY 0010

PROJECT NO: 6310-00-60	HWY: STH 73	COUNTY: WAUSHARA	MISCELLANEOUS QUANTITIES	SHEET 50	E
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FILE NAME: _____ PLOT DATE: _____ PLOT BY: _____ PLOT NAME: _____ ORG DATE: _____ ORIGINATOR: DIST. _____ PLOT SCALE: 1:1



Proposal Schedule of Items

Proposal ID: 20210209023 Project(s): 6170-00-61, 6310-00-60, 6321-00-72

Federal ID(s): N/A, WISC 2021180, WISC 2021181

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	201.0120 Clearing	36.000 ID	_____.	_____.
0004	203.0100 Removing Small Pipe Culverts	1.000 EACH	_____.	_____.
0006	204.0100 Removing Concrete Pavement	788.000 SY	_____.	_____.
0008	204.0110 Removing Asphaltic Surface	510.000 SY	_____.	_____.
0010	204.0115 Removing Asphaltic Surface Butt Joints	2,264.000 SY	_____.	_____.
0012	204.0120 Removing Asphaltic Surface Milling	329,271.000 SY	_____.	_____.
0014	204.0150 Removing Curb & Gutter	2,252.000 LF	_____.	_____.
0016	204.0155 Removing Concrete Sidewalk	1,132.000 SY	_____.	_____.
0018	204.0165 Removing Guardrail	8,612.000 LF	_____.	_____.
0020	204.9060.S Removing (item description) 01. Cattle Pass Top	2.000 EACH	_____.	_____.
0022	204.9060.S Removing (item description) 02. Removing Bench	1.000 EACH	_____.	_____.
0024	204.9165.S Removing (item description) 01. Removing Pavers	82.000 SF	_____.	_____.
0026	205.0100 Excavation Common	1,891.000 CY	_____.	_____.
0028	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 6170-00-61	LS	LUMP SUM	_____.
0030	211.0100 Prepare Foundation for Asphaltic Paving (project) 02. 6310-00-60	LS	LUMP SUM	_____.



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SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	211.0100 Prepare Foundation for Asphaltic Paving (project) 03. 6321-00-72	LS	LUMP SUM	_____.
0034	211.0400 Prepare Foundation for Asphaltic Shoulders	43.000 STA	_____.	_____.
0036	213.0100 Finishing Roadway (project) 01. 6170-00-61	1.000 EACH	_____.	_____.
0038	213.0100 Finishing Roadway (project) 02. 6310-00-60	1.000 EACH	_____.	_____.
0040	213.0100 Finishing Roadway (project) 03. 6321-00-72	1.000 EACH	_____.	_____.
0042	305.0110 Base Aggregate Dense 3/4-Inch	1,643.000 TON	_____.	_____.
0044	305.0120 Base Aggregate Dense 1 1/4-Inch	1,191.000 TON	_____.	_____.
0046	455.0605 Tack Coat	23,338.000 GAL	_____.	_____.
0048	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	1.000 EACH	_____.	_____.
0050	460.0110.S HMA Percent Within Limits (PWL) Test Strip Density	1.000 EACH	_____.	_____.
0052	460.2000 Incentive Density HMA Pavement	1,680.000 DOL	1.00000	1,680.00
0054	460.2005 Incentive Density PWL HMA Pavement	18,820.000 DOL	1.00000	18,820.00
0056	460.2007 Incentive Density HMA Pavement Longitudinal Joints	31,229.000 DOL	1.00000	31,229.00
0058	460.2010 Incentive Air Voids HMA Pavement	23,810.000 DOL	1.00000	23,810.00
0060	460.6225 HMA Pavement 5 MT 58-28 S	23,805.000 TON	_____.	_____.



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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	460.6425 HMA Pavement 5 MT 58-28 H	4,457.000 TON	_____.	_____.
0064	465.0105 Asphaltic Surface	331.000 TON	_____.	_____.
0066	465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural	78,071.000 LF	_____.	_____.
0070	520.9700.S Culvert Pipe Liners (size) 02. 18-Inch	65.000 LF	_____.	_____.
0072	520.9700.S Culvert Pipe Liners (size) 03. 24-Inch	110.000 LF	_____.	_____.
0074	520.9700.S Culvert Pipe Liners (size) 04. 30-Inch	190.000 LF	_____.	_____.
0076	520.9750.S Cleaning Culvert Pipes for Liner Verification	7.000 EACH	_____.	_____.
0082	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	2.000 EACH	_____.	_____.
0084	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	4.000 EACH	_____.	_____.
0086	601.0411 Concrete Curb & Gutter 30-Inch Type D	2,256.000 LF	_____.	_____.
0088	601.0600 Concrete Curb Pedestrian	30.000 LF	_____.	_____.
0090	602.0410 Concrete Sidewalk 5-Inch	10,156.000 SF	_____.	_____.
0092	602.0505 Curb Ramp Detectable Warning Field Yellow	701.000 SF	_____.	_____.
0094	606.0200 Riprap Medium	43.000 CY	_____.	_____.
0096	611.8115 Adjusting Inlet Covers	4.000 EACH	_____.	_____.



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SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0098	614.0010 Barrier System Grading Shaping Finishing	32.000 EACH	_____.	_____.
0100	614.2300 MGS Guardrail 3	4,230.000 LF	_____.	_____.
0102	614.2330 MGS Guardrail 3 K	2,689.000 LF	_____.	_____.
0104	614.2610 MGS Guardrail Terminal EAT	32.000 EACH	_____.	_____.
0106	618.0100 Maintenance And Repair of Haul Roads (project) 01. 6170-00-61	1.000 EACH	_____.	_____.
0108	618.0100 Maintenance And Repair of Haul Roads (project) 02. 6310-00-60	1.000 EACH	_____.	_____.
0110	618.0100 Maintenance And Repair of Haul Roads (project) 03. 6321-00-72	1.000 EACH	_____.	_____.
0112	619.1000 Mobilization	1.000 EACH	_____.	_____.
0114	621.0100 Landmark Reference Monuments	6.000 EACH	_____.	_____.
0116	624.0100 Water	57.000 MGAL	_____.	_____.
0118	625.0100 Topsoil	6,434.000 SY	_____.	_____.
0120	625.0500 Salvaged Topsoil	458.000 SY	_____.	_____.
0122	628.1104 Erosion Bales	120.000 EACH	_____.	_____.
0124	628.1504 Silt Fence	10,209.000 LF	_____.	_____.
0126	628.1520 Silt Fence Maintenance	12,569.000 LF	_____.	_____.
0128	628.1905 Mobilizations Erosion Control	27.000 EACH	_____.	_____.



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0130	628.1910 Mobilizations Emergency Erosion Control	5.000 EACH	_____.	_____.
0132	628.2006 Erosion Mat Urban Class I Type A	716.000 SY	_____.	_____.
0134	628.2008 Erosion Mat Urban Class I Type B	8,016.000 SY	_____.	_____.
0136	628.2023 Erosion Mat Class II Type B	3,053.000 SY	_____.	_____.
0138	628.2027 Erosion Mat Class II Type C	470.000 SY	_____.	_____.
0140	628.7015 Inlet Protection Type C	34.000 EACH	_____.	_____.
0142	628.7504 Temporary Ditch Checks	120.000 LF	_____.	_____.
0144	628.7555 Culvert Pipe Checks	150.000 EACH	_____.	_____.
0146	628.7570 Rock Bags	140.000 EACH	_____.	_____.
0148	629.0205 Fertilizer Type A	4.800 CWT	_____.	_____.
0150	630.0120 Seeding Mixture No. 20	186.000 LB	_____.	_____.
0152	630.0140 Seeding Mixture No. 40	22.000 LB	_____.	_____.
0154	630.0171 Seeding Mixture No. 70A	4.000 LB	_____.	_____.
0156	630.0200 Seeding Temporary	30.000 LB	_____.	_____.
0158	630.0500 Seed Water	155.000 MGAL	_____.	_____.
0160	633.5200 Markers Culvert End	6.000 EACH	_____.	_____.
0162	634.0616 Posts Wood 4x6-Inch X 16-FT	4.000 EACH	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0164	638.2102 Moving Signs Type II	19.000 EACH	_____.	_____.
0166	638.4000 Moving Small Sign Supports	17.000 EACH	_____.	_____.
0168	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0170	643.0300 Traffic Control Drums	11,975.000 DAY	_____.	_____.
0172	643.0410 Traffic Control Barricades Type II	1,420.000 DAY	_____.	_____.
0174	643.0420 Traffic Control Barricades Type III	105.000 DAY	_____.	_____.
0176	643.0705 Traffic Control Warning Lights Type A	170.000 DAY	_____.	_____.
0178	643.0715 Traffic Control Warning Lights Type C	80.000 DAY	_____.	_____.
0180	643.0900 Traffic Control Signs	1,725.000 DAY	_____.	_____.
0182	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0184	644.1410 Temporary Pedestrian Surface Asphalt	175.000 SF	_____.	_____.
0186	644.1601 Temporary Pedestrian Curb Ramp	51.000 DAY	_____.	_____.
0188	645.0120 Geotextile Type HR	84.000 SY	_____.	_____.
0190	646.1020 Marking Line Epoxy 4-Inch	114,388.000 LF	_____.	_____.
0192	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	156,078.000 LF	_____.	_____.
0194	646.3020 Marking Line Epoxy 8-Inch	1,341.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0196	646.5020 Marking Arrow Epoxy	8.000 EACH	_____.	_____.
0198	646.5120 Marking Word Epoxy	3.000 EACH	_____.	_____.
0200	646.6120 Marking Stop Line Epoxy 18-Inch	511.000 LF	_____.	_____.
0202	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	2,599.000 LF	_____.	_____.
0204	646.8320 Marking Parking Stall Epoxy	194.000 LF	_____.	_____.
0206	648.0100 Locating No-Passing Zones	16.500 MI	_____.	_____.
0208	649.0105 Temporary Marking Line Paint 4-Inch	82,183.000 LF	_____.	_____.
0210	649.0120 Temporary Marking Line Epoxy 4-Inch	98,163.000 LF	_____.	_____.
0212	650.5500 Construction Staking Curb Gutter and Curb & Gutter	2,261.000 LF	_____.	_____.
0214	650.6000 Construction Staking Pipe Culverts	5.000 EACH	_____.	_____.
0216	650.8000 Construction Staking Resurfacing Reference	89,620.000 LF	_____.	_____.
0218	650.9000 Construction Staking Curb Ramps	73.000 EACH	_____.	_____.
0220	650.9910 Construction Staking Supplemental Control (project) 01. 6170-00-61	LS	LUMP SUM	_____.
0222	650.9910 Construction Staking Supplemental Control (project) 02. 6310-00-60	LS	LUMP SUM	_____.
0224	650.9910 Construction Staking Supplemental Control (project) 03. 6321-00-72	LS	LUMP SUM	_____.



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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0226	690.0150 Sawing Asphalt	2,256.000 LF	_____	_____
0228	690.0250 Sawing Concrete	1,016.000 LF	_____	_____
0230	740.0440 Incentive IRI Ride	67,992.000 DOL	1.00000	67,992.00
0232	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0234	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	1,980.000 HRS	5.00000	9,900.00
0236	SPV.0060 Special 01. Lane Shift	6.000 EACH	_____	_____
0238	SPV.0060 Special 02. Adjust Water Valves	5.000 EACH	_____	_____
0240	SPV.0085 Special 01. Seeding Mixture Wetland	1.000 LB	_____	_____
0242	SPV.0090 Special 01. Heavy Duty Silt Fence	2,360.000 LF	_____	_____
0244	SPV.0105 Special 01. Cofferdam Special	LS	LUMP SUM	_____
0246	SPV.0180 Special 01. Salvaged Topsoil Wetland	24.000 SY	_____	_____
0248	520.3524 Culvert Pipe Class III-B 24-Inch	50.000 LF	_____	_____
0250	520.3530 Culvert Pipe Class III-B 30-Inch	193.000 LF	_____	_____
0252	650.9920 Construction Staking Slope Stakes	220.000 LF	_____	_____
0254	520.9700.S Culvert Pipe Liners (size) 05. 36-Inch	55.000 LF	_____	_____

Section: 0001 Total: _____

Total Bid: _____

