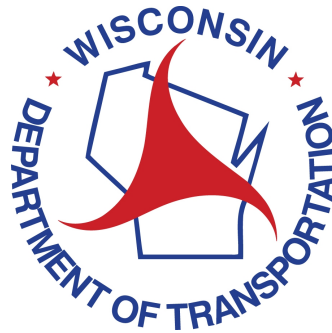




CONFIDENTIAL

**Wisconsin Department of Transportation
Preliminary Proposal Detail Estimate Report
Detail Estimate Report**

Proposal ID: C8680-00-74

Proposal Description: Superior - Wentworth; Bong Bridge B-16-
0038-0001 to 0019

Spec Book: 25

Date Printed: 12/3/2024

Federal Project Number: N/A

State Project Number: 8680-00-74

PROJECT ID	FEDERAL PROJECT NUMBER	PROJECT DESCRIPTION
8680-00-74	WISC	Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019

**CONFIDENTIAL****Preliminary Proposal Detail Estimate Report
Detail Estimate Cost Summary**

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Proposal ID: C8680-00-74**Project ID:** 8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019

Fund Package			Total Fund Package Cost	E&C Amount	Total	Funding Limit	Funding
Fund	STATE	ST020 - ST OF MINNESOTA DOT					
Package	Category 0010		118,182.78	11,818.28	130,001.06		130,001.06
Package	Category 0020		1,701,680.00	170,168.00	1,871,848.00		1,871,848.00
Package	Category 0030		651,762.60	65,176.26	716,938.86		716,938.86
Package	Category 0050		205,860.00	20,586.00	226,446.00		226,446.00
Fund	STATE	Totals	\$2,677,485.38	\$267,748.54	\$2,945,233.92		\$2,945,233.92
Fund	FED	Federal Funding					
Package	Category 0010		94,546.22	9,454.62	104,000.84		104,000.84
Package	Category 0020		1,361,344.00	136,134.40	1,497,478.40		1,497,478.40
Fund	FED	Totals	\$1,455,890.22	\$145,589.02	\$1,601,479.24		\$1,601,479.24
Fund	STATE1	State Funding					
Package	Category 0010		23,636.55	2,363.66	26,000.21		26,000.21
Package	Category 0020		340,336.00	34,033.60	374,369.60		374,369.60
Package	Category 0040		573,073.20	57,307.32	630,380.52		630,380.52
Fund	STATE1	Totals	\$937,045.75	\$93,704.58	\$1,030,750.33		\$1,030,750.33
Project Total 8680-00-74			\$5,070,421.35	\$507,042.14	\$5,577,463.49		\$5,577,463.49
Proposal Total C8680-00-74			\$5,070,421.35	\$507,042.14	\$5,577,463.49		\$5,577,463.49

**CONFIDENTIAL****Preliminary Proposal Detail Estimate Report
Detail Cost Estimate**

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Proposal ID: C8680-00-74**Proposal Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Project ID:** 8680-00-74**Federal Project No.:** WISC**Contract ID:** C8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Category:** 0010

Roadway Construction

Funding Source(s) and Participation:	1 FED Federal Funding	40.00%	0.00
	1 STATE ST020 - ST OF MINNESOTA DOT	50.00%	0.00
	1 STATE1 State Funding	10.00%	0.00

Category Work Class: RDCN

Roadway Construction

Fed Work Category: 06

4r Maintenance-Restoration&Rehabilitation

Category Length: 0.0000 MILES**Fed Construction Class:** LET

Let Project Items

Category Width: 0.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0002	213.0100	Finishing Roadway (project) 01. 8680-00-74	EACH	1.000	2,000.00000	2,000.00
0004	618.0100	Maintenance and Repair of Haul Roads (project) 01. 8680-00-74	EACH	1.000	1,000.00000	1,000.00
0006	619.1000	Mobilization	EACH	0.050	356,000.00000	17,800.00
0008	642.5001	Field Office Type B	EACH	1.000	11,200.00000	11,200.00
0010	643.0300	Traffic Control Drums	DAY	28,750.000	0.60000	17,250.00
0012	643.0420	Traffic Control Barricades Type III	DAY	2,205.000	0.64900	1,431.05
0014	643.0705	Traffic Control Warning Lights Type A	DAY	4,025.000	0.20000	805.00
0016	643.0715	Traffic Control Warning Lights Type C	DAY	6,320.000	0.30000	1,896.00
0018	643.0800	Traffic Control Arrow Boards	DAY	210.000	16.50000	3,465.00
0020	643.0900	Traffic Control Signs	DAY	7,625.000	0.70000	5,337.50
0022	643.0910	Traffic Control Covering Signs Type I	EACH	3.000	375.00000	1,125.00
0024	643.0920	Traffic Control Covering Signs Type II	EACH	3.000	65.00000	195.00
0026	643.1000	Traffic Control Signs Fixed Message	SF	219.000	25.00000	5,475.00
0028	643.1050	Traffic Control Signs PCMS	DAY	21.000	55.00000	1,155.00
0030	643.1070	Traffic Control Cones 42-Inch	DAY	19,490.000	0.20000	3,898.00
0032	643.3165	Temporary Marking Line Paint 6-Inch	LF	21,480.000	0.50000	10,740.00
0034	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	840.000	2.25000	1,890.00

**CONFIDENTIAL****Preliminary Proposal Detail Estimate Report
Detail Cost Estimate**

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Proposal ID: C8680-00-74**Proposal Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Project ID:** 8680-00-74**Federal Project No.:** WISC**Contract ID:** C8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Category:** 0010

Roadway Construction

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0036	643.3265	Temporary Marking Line Paint 10-Inch	LF	710.000	0.80000	568.00
0038	643.5000	Traffic Control	EACH	1.000	45,000.00000	45,000.00
0040	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	3,804.000	1.45000	5,515.80
0042	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	39,857.000	1.60000	63,771.20
0044	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	9,980.000	0.65000	6,487.00
0046	646.9102	Marking Removal Line 10-Inch	LF	1,220.000	0.85000	1,037.00
0048	650.9911	Construction Staking Supplemental Control (project) 01. 8680-00-74	EACH	1.000	1,300.00000	1,300.00
0050	999.2000.S	Installing and Maintaining Bird Deterrent System (station) 01. STA 73+30	EACH	1.000	14,000.00000	14,000.00
0052	SPV.0060	Special 05. Marking Arrows Grooved Preformed Thermoplastic	EACH	2.000	300.00000	600.00
0054	SPV.0060	Special 06. Marking Words Grooved Preformed Thermoplastic	EACH	2.000	300.00000	600.00
0056	SPV.0090	Special 03. Marking Line Grooved Wet Ref Contrast Epoxy 6-Inch	LF	156.000	4.50000	702.00
0058	SPV.0090	Special 04. Marking Line Grooved Wet Ref Contrast Epoxy 10-Inch	LF	1,687.000	6.00000	10,122.00

Category 0010 Total: \$236,365.55**Eng & Contg:** \$23,636.56**Total:** \$260,002.11

**CONFIDENTIAL****Preliminary Proposal Detail Estimate Report
Detail Cost Estimate**

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Proposal ID: C8680-00-74**Proposal Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Project ID:** 8680-00-74**Federal Project No.:** WISC**Contract ID:** C8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Category:** 0020

Bridge Construction: Bong Bridge B-16-0038-0013

Funding Source(s) and Participation:

1 FED	Federal Funding	40.00%	0.00
1 STATE	ST020 - ST OF MINNESOTA DOT	50.00%	0.00
1 STATE1	State Funding	10.00%	0.00

Category Work Class: BRCN

Bridge Construction

Fed Work Category: 47

Bridge Preservation

Category Length: 8319.1600 FEET**Fed Construction Class:** LET

Let Project Items

Category Width: 48.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0060	203.0270	Removing Structure Over Waterway Debris Capture (structure) 01. B-16-0038	EACH	0.423	130,000.00000	54,990.00
0062	502.3205	Pigmented Surface Sealer Reseal	SY	13,337.000	10.00000	133,370.00
0064	509.0301	Preparation Decks Type 1	SY	329.000	190.00000	62,510.00
0066	509.1500	Concrete Surface Repair	SF	1,500.000	400.00000	600,000.00
0068	517.3001.S	Structure Overcoating Cleaning and Priming (structure) 01. B-16-0038	EACH	1.000	800,000.00000	800,000.00
0070	517.4001.S	Containment and Collection of Waste Materials (structure) 01. B-16-0038	EACH	1.000	400,000.00000	400,000.00
0072	517.6001.S	Portable Decontamination Facility	EACH	1.000	10,000.00000	10,000.00
0074	603.8000	Concrete Barrier Temporary Precast Delivered	LF	1,570.000	22.00000	34,540.00
0076	603.8125	Concrete Barrier Temporary Precast Installed	LF	1,570.000	10.00000	15,700.00
0078	619.1000	Mobilization	EACH	0.700	356,000.00000	249,200.00
0080	SPV.0090	Special 02. Strip Seal Gland Replacement	LF	166.000	250.00000	41,500.00
0082	SPV.0180	Special 01. Methacrylate Flood Seal (Bridge)	SY	66,770.000	15.00000	1,001,550.00

Category 0020 Total: \$3,403,360.00**Eng & Contg:** \$340,336.00**Total:** \$3,743,696.00

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Detail Cost Estimate**

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Proposal ID: C8680-00-74**Proposal Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Project ID:** 8680-00-74**Federal Project No.:** WISC**Contract ID:** C8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Category:** 0030

Lighting Minnesota Approach

Funding Source(s) and Participation: 1 STATE ST020 - ST OF MINNESOTA DOT 100.00% 0.00**Category Work Class:** MISC

Miscellaneous Work

Fed Work Category: 43

Utilities

Category Length: 0.0000 MILES**Fed Construction Class:** LET

Let Project Items

Category Width: 0.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0084	203.0270	Removing Structure Over Waterway Debris Capture (structure) 01. B-16-0038	EACH	0.577	130,000.00000	75,010.00
0086	204.9060.S	Removing (item description) 01. Lighting Units	EACH	29.000	600.00000	17,400.00
0088	204.9090.S	Removing (item description) 01. Electrical Conductors from Existing Conduit	LF	7,535.000	1.00000	7,535.00
0090	502.0100	Concrete Masonry Bridges	CY	96.000	867.23000	83,254.08
0092	502.3210	Pigmented Surface Sealer	SY	399.000	10.00000	3,990.00
0094	502.4205	Adhesive Anchors No. 5 Bar	EACH	753.000	30.00000	22,590.00
0096	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	6,780.000	2.00000	13,560.00
0098	531.8990	Anchor Assemblies Poles on Structures	EACH	24.000	1,100.00000	26,400.00
0100	603.8000	Concrete Barrier Temporary Precast Delivered	LF	5,090.000	22.00000	111,980.00
0102	603.8125	Concrete Barrier Temporary Precast Installed	LF	5,090.000	10.00000	50,900.00
0104	619.1000	Mobilization	EACH	0.090	356,000.00000	32,040.00
0106	652.0210	Conduit Rigid Nonmetallic Schedule 40 1-Inch	LF	38.000	10.00000	380.00
0108	652.0220	Conduit Rigid Nonmetallic Schedule 40 1 1/2-Inch	LF	6.000	36.42000	218.52
0110	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	547.000	10.00000	5,470.00
0112	655.0610	Electrical Wire Lighting 12 AWG	LF	9,360.000	1.00000	9,360.00
0114	655.0630	Electrical Wire Lighting 4 AWG	LF	29,400.000	2.25000	66,150.00
0116	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	53.000	125.00000	6,625.00
0118	SPV.0060	Special 01. MNDOT Lighting Unit Type 1	EACH	24.000	3,500.00000	84,000.00
0120	SPV.0060	Special 02. MNDOT Lighting Unit Type 2	EACH	5.000	3,500.00000	17,500.00



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**Preliminary Proposal Detail Estimate Report
Detail Cost Estimate**

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Proposal ID: C8680-00-74

Proposal Description: Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019

Project ID: 8680-00-74

Federal Project No.: WISC

Contract ID: C8680-00-74

Project Description: Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019

Category: 0030

Lighting Minnesota Approach

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0122	SPV.0060	Special 04. Temporary Lighting	EACH	1.000	10,000.00000	10,000.00
0124	SPV.0060	Special 09. Junction Boxes 8X8X6-Inch	EACH	2.000	3,700.00000	7,400.00

Category 0030 Total: \$651,762.60

Eng & Contg: \$65,176.26

Total: \$716,938.86

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Detail Cost Estimate**

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Proposal ID: C8680-00-74**Proposal Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Project ID:** 8680-00-74**Federal Project No.:** WISC**Contract ID:** C8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Category:** 0040

Lighting Wisconsin Approach

Funding Source(s) and Participation: 1 STATE1 State Funding

100.00%

0.00

Category Work Class: MISC

Miscellaneous Work

Fed Work Category: 43

Utilities

Category Length: 0.0000 MILES**Fed Construction Class:** LET

Let Project Items

Category Width: 0.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0126	204.0157	Removing Concrete Barrier	LF	285.000	40.00000	11,400.00
0128	204.0195	Removing Concrete Bases	EACH	18.000	500.00000	9,000.00
0130	204.9060.S	Removing (item description) .01 Lighting Units	EACH	18.000	600.00000	10,800.00
0132	204.9060.S	Removing (item description) 02. Luminaires	EACH	41.000	250.00000	10,250.00
0134	204.9090.S	Removing (item description) 01. Electrical Conductors from Existing Conduit	LF	3,250.000	1.00000	3,250.00
0136	204.9090.S	Removing (item description) 02. Or Abandoning Existing Conduit	LF	2,900.000	2.50000	7,250.00
0138	603.0105	Concrete Barrier Single-Faced 32-Inch	LF	285.000	325.00000	92,625.00
0140	603.8000	Concrete Barrier Temporary Precast Delivered	LF	3,600.000	22.00000	79,200.00
0142	603.8125	Concrete Barrier Temporary Precast Installed	LF	3,600.000	10.00000	36,000.00
0144	619.1000	Mobilization	EACH	0.120	356,000.00000	42,720.00
0146	643.0800	Traffic Control Arrow Boards	DAY	4.000	16.50000	66.00
0148	643.0900	Traffic Control Signs	DAY	30.000	0.70000	21.00
0150	643.1050	Traffic Control Signs PCMS	DAY	2.000	55.00000	110.00
0152	643.1070	Traffic Control Cones 42-Inch	DAY	360.000	0.20000	72.00
0154	646.1020	Marking Line Epoxy 4-Inch	LF	55.000	0.90000	49.50
0156	646.2020	Marking Line Epoxy 6-Inch	LF	306.000	0.85000	260.10
0158	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	2,336.000	1.45000	3,387.20
0160	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	21,222.000	1.60000	33,955.20
0162	646.3020	Marking Line Epoxy 8-Inch	LF	77.000	3.50000	269.50

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Proposal ID: C8680-00-74**Proposal Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Project ID:** 8680-00-74**Federal Project No.:** WISC**Contract ID:** C8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Category:** 0040

Lighting Wisconsin Approach

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0164	646.4020	Marking Line Epoxy 10-Inch	LF	966.000	1.95000	1,883.70
0166	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	109.000	19.50000	2,125.50
0168	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	108.000	14.00000	1,512.00
0170	650.9911	Construction Staking Supplemental Control (project) 01. 8680-00-74	EACH	1.000	1,300.00000	1,300.00
0172	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	2,900.000	10.00000	29,000.00
0174	652.0700.S	Install Conduit into Existing Item	EACH	1.000	400.00000	400.00
0176	655.0610	Electrical Wire Lighting 12 AWG	LF	6,480.000	1.00000	6,480.00
0178	655.0630	Electrical Wire Lighting 4 AWG	LF	13,000.000	2.25000	29,250.00
0180	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	18.000	650.00000	11,700.00
0182	657.0322	Poles Type 5-Aluminum	EACH	18.000	2,000.00000	36,000.00
0184	657.0610	Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	EACH	36.000	400.00000	14,400.00
0186	659.1120	Luminaires Utility LED B	EACH	77.000	350.00000	26,950.00
0188	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	78.000	125.00000	9,750.00
0190	SPV.0060	Special 03. Concrete Bases Type 5 - Tall	EACH	18.000	2,000.00000	36,000.00
0192	SPV.0060	Special 04. Temporary Lighting	EACH	1.000	10,000.00000	10,000.00
0194	SPV.0060	Special 07. Marking Arrows Preformed Thermoplastic	EACH	13.000	250.00000	3,250.00
0196	SPV.0060	Special 08. Marking Words Preformed Thermoplastic	EACH	4.000	250.00000	1,000.00
0198	SPV.0090	Special 01. Marking Chevron Epoxy 12-Inch	LF	57.000	16.50000	940.50
0200	SPV.0090	Special 04. Marking Line Grooved Wet Ref Contrast Epoxy 10-Inch	LF	1,741.000	6.00000	10,446.00

Category 0040 Total: \$573,073.20**Eng & Contg:** \$57,307.32**Total:** \$630,380.52

**CONFIDENTIAL****Preliminary Proposal Detail Estimate Report
Detail Cost Estimate**

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Proposal ID: C8680-00-74**Proposal Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Project ID:** 8680-00-74**Federal Project No.:** WISC**Contract ID:** C8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019**Category:** 0050

MN Ramp Flood Seal

Funding Source(s) and Participation:

1 STATE ST020 - ST OF MINNESOTA DOT

100.00%

0.00

Category Work Class: MISC

Miscellaneous Work

Fed Work Category: 44

Other

Category Length: 0.0000 MILES**Fed Construction Class:** LET

Let Project Items

Category Width: 0.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0202	619.1000	Mobilization	EACH	0.040	356,000.00000	14,240.00
0204	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	9,700.000	1.60000	15,520.00
0206	SPV.0180	Special 02. Methacrylate Flood Seal (Ramps)	SY	11,740.000	15.00000	176,100.00
Category 0050 Total:					\$205,860.00	
Eng & Contg:					\$20,586.00	
Total:					\$226,446.00	
Project 8680-00-74 Total:					\$5,070,421.35	
Engineer's Estimate w/o E&C Total:					\$5,070,421.35	
Proposal Estimate Total:					\$5,070,421.35	
Proposal E&C Total:					\$507,042.14	
Proposal C8680-00-74 Total:					\$5,577,463.49	

**CONFIDENTIAL****Preliminary Proposal Detail Estimate Report
Detail Estimate Funding Summary**

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Proposal ID: C8680-00-74**Project ID:** 8680-00-74**Project Description:** Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019

Category	Cost	E & C Percent	E&C Amount	Total	Funding Package	Fund	Funding Amount
0010	Roadway Construction						
	236,365.55	10.00 %	23,636.56	260,002.11	Catego ry 0010 STATE	ST020 - ST OF MINNESOTA DOT	130,001.06
					Catego ry 0010 FED	Federal Funding	104,000.84
					Catego ry 0010 STATE1	State Funding	26,000.21
Category Total 0010							\$260,002.11
0020	Bridge Construction: Bong Bridge B-16-0038-0013						
	3,403,360.00	10.00 %	340,336.00	3,743,696.00	Catego ry 0020 STATE	ST020 - ST OF MINNESOTA DOT	1,871,848.00
					Catego ry 0020 FED	Federal Funding	1,497,478.40
					Catego ry 0020 STATE1	State Funding	374,369.60
Category Total 0020							\$3,743,696.00
0030	Lighting Minnesota Approach						
	651,762.60	10.00 %	65,176.26	716,938.86	Catego ry 0030 STATE	ST020 - ST OF MINNESOTA DOT	716,938.86
Category Total 0030							\$716,938.86
0040	Lighting Wisconsin Approach						
	573,073.20	10.00 %	57,307.32	630,380.52	Catego ry 0040 STATE1	State Funding	630,380.52
Category Total 0040							\$630,380.52
0050	MN Ramp Flood Seal						
	205,860.00	10.00 %	20,586.00	226,446.00	Catego ry 0050 STATE	ST020 - ST OF MINNESOTA DOT	226,446.00



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**Preliminary Proposal Detail Estimate Report
Detail Estimate Funding Summary**

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Proposal ID: C8680-00-74

Project ID: 8680-00-74

Project Description: Superior - Wentworth; Bong Bridge B-16-0038-0001 to 0019

Category	Cost	E & C Percent	E&C Amount	Total	Funding Package	Fund	Funding Amount
					Category Total	0050	\$226,446.00
					Project Total	8680-00-74	\$5,577,463.49
					Proposal Total	C8680-00-74	\$5,577,463.49

Estimate Of Quantities

8680-00-74

Line	Item	Item Description	Unit	Total	Qty
0002	203.0270	Removing Structure Over Waterway Debris Capture (structure) 01. B-16-0038	EACH	1.000	1.000
0004	204.0157	Removing Concrete Barrier	LF	285.000	285.000
0006	204.0195	Removing Concrete Bases	EACH	18.000	18.000
0008	204.9060.S	Removing (item description) .01 Lighting Units	EACH	18.000	18.000
0010	204.9060.S	Removing (item description) 01. Lighting Units	EACH	29.000	29.000
0012	204.9060.S	Removing (item description) 02. Luminaires	EACH	41.000	41.000
0014	204.9090.S	Removing (item description) 01. Electrical Conductors from Existing Conduit	LF	10,785.000	10,785.000
0016	204.9090.S	Removing (item description) 02. Or Abandoning Existing Conduit	LF	2,900.000	2,900.000
0018	213.0100	Finishing Roadway (project) 01. 8680-00-74	EACH	1.000	1.000
0020	502.0100	Concrete Masonry Bridges	CY	96.000	96.000
0022	502.3205	Pigmented Surface Sealer Reseal	SY	13,337.000	13,337.000
0024	502.3210	Pigmented Surface Sealer	SY	399.000	399.000
0026	502.4205	Adhesive Anchors No. 5 Bar	EACH	753.000	753.000
0028	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	6,780.000	6,780.000
0030	509.0301	Preparation Decks Type 1	SY	329.000	329.000
0032	509.1500	Concrete Surface Repair	SF	1,500.000	1,500.000
0034	517.3001.S	Structure Overcoating Cleaning and Priming (structure) 01. B-16-0038	EACH	1.000	1.000
0036	517.4001.S	Containment and Collection of Waste Materials (structure) 01. B-16-0038	EACH	1.000	1.000
0038	517.6001.S	Portable Decontamination Facility	EACH	1.000	1.000
0040	531.8990	Anchor Assemblies Poles on Structures	EACH	24.000	24.000
0042	603.0105	Concrete Barrier Single-Faced 32-Inch	LF	285.000	285.000
0044	603.8000	Concrete Barrier Temporary Precast Delivered	LF	10,260.000	10,260.000
0046	603.8125	Concrete Barrier Temporary Precast Installed	LF	10,260.000	10,260.000
0048	618.0100	Maintenance and Repair of Haul Roads (project) 01. 8680-00-74	EACH	1.000	1.000
0050	619.1000	Mobilization	EACH	1.000	1.000
0052	642.5001	Field Office Type B	EACH	1.000	1.000
0054	643.0300	Traffic Control Drums	DAY	28,750.000	28,750.000
0056	643.0420	Traffic Control Barricades Type III	DAY	2,205.000	2,205.000
0058	643.0705	Traffic Control Warning Lights Type A	DAY	4,025.000	4,025.000
0060	643.0715	Traffic Control Warning Lights Type C	DAY	6,320.000	6,320.000
0062	643.0800	Traffic Control Arrow Boards	DAY	214.000	214.000
0064	643.0900	Traffic Control Signs	DAY	7,655.000	7,655.000
0066	643.0910	Traffic Control Covering Signs Type I	EACH	3.000	3.000
0068	643.0920	Traffic Control Covering Signs Type II	EACH	3.000	3.000
0070	643.1000	Traffic Control Signs Fixed Message	SF	219.000	219.000
0072	643.1050	Traffic Control Signs PCMS	DAY	23.000	23.000
0074	643.1070	Traffic Control Cones 42-Inch	DAY	19,850.000	19,850.000
0076	643.3165	Temporary Marking Line Paint 6-Inch	LF	21,480.000	21,480.000
0078	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	840.000	840.000
0080	643.3265	Temporary Marking Line Paint 10-Inch	LF	710.000	710.000
0082	643.5000	Traffic Control	EACH	1.000	1.000
0084	646.1020	Marking Line Epoxy 4-Inch	LF	55.000	55.000
0086	646.2020	Marking Line Epoxy 6-Inch	LF	306.000	306.000
0088	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	6,140.000	6,140.000
0090	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	70,779.000	70,779.000
0092	646.3020	Marking Line Epoxy 8-Inch	LF	77.000	77.000
0094	646.4020	Marking Line Epoxy 10-Inch	LF	966.000	966.000
0096	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	109.000	109.000
0098	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	108.000	108.000

Estimate Of Quantities

8680-00-74

Line	Item	Item Description	Unit	Total	Qty
0100	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	9,980.000	9,980.000
0102	646.9102	Marking Removal Line 10-Inch	LF	1,220.000	1,220.000
0104	650.9911	Construction Staking Supplemental Control (project) 01. 8680-00-74	EACH	2.000	2.000
0106	652.0210	Conduit Rigid Nonmetallic Schedule 40 1-Inch	LF	38.000	38.000
0108	652.0220	Conduit Rigid Nonmetallic Schedule 40 1 1/2-Inch	LF	6.000	6.000
0110	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	3,447.000	3,447.000
0112	652.0700.S	Install Conduit into Existing Item	EACH	1.000	1.000
0114	655.0610	Electrical Wire Lighting 12 AWG	LF	15,840.000	15,840.000
0116	655.0630	Electrical Wire Lighting 4 AWG	LF	42,400.000	42,400.000
0118	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	18.000	18.000
0120	657.0322	Poles Type 5-Aluminum	EACH	18.000	18.000
0122	657.0610	Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	EACH	36.000	36.000
0124	659.1120	Luminaires Utility LED B	EACH	77.000	77.000
0126	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	131.000	131.000
0128	999.2000.S	Installing and Maintaining Bird Deterrent System (station) 01. STA 73+30	EACH	1.000	1.000
0130	SPV.0060	Special 01. MNDOT Lighting Unit Type 1	EACH	24.000	24.000
0132	SPV.0060	Special 02. MNDOT Lighting Unit Type 2	EACH	5.000	5.000
0134	SPV.0060	Special 03. Concrete Bases Type 5 - Tall	EACH	18.000	18.000
0136	SPV.0060	Special 04. Temporary Lighting	EACH	2.000	2.000
0138	SPV.0060	Special 05. Marking Arrows Grooved Preformed Thermoplastic	EACH	2.000	2.000
0140	SPV.0060	Special 06. Marking Words Grooved Preformed Thermoplastic	EACH	2.000	2.000
0142	SPV.0060	Special 07. Marking Arrows Preformed Thermoplastic	EACH	13.000	13.000
0144	SPV.0060	Special 08. Marking Words Preformed Thermoplastic	EACH	4.000	4.000
0146	SPV.0060	Special 09. Junction Boxes 8X8X6-Inch	EACH	2.000	2.000
0148	SPV.0090	Special 01. Marking Chevron Epoxy 12-Inch	LF	57.000	57.000
0150	SPV.0090	Special 02. Strip Seal Gland Replacement	LF	166.000	166.000
0152	SPV.0090	Special 03. Marking Line Grooved Wet Ref Contrast Epoxy 6-Inch	LF	156.000	156.000
0154	SPV.0090	Special 04. Marking Line Grooved Wet Ref Contrast Epoxy 10-Inch	LF	3,428.000	3,428.000
0156	SPV.0180	Special 01. Methacrylate Flood Seal (Bridge)	SY	66,770.000	66,770.000
0158	SPV.0180	Special 02. Methacrylate Flood Seal (Ramps)	SY	11,740.000	11,740.000

Proposal Validation Results

[Help](#)

- Proposal 'C8680-00-74' is valid.
- Project '8680-00-74' is valid.