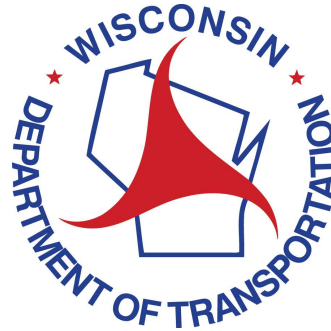




**Wisconsin Department of Transportation
Detail Cost Estimate**

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Spec Book: 03

Date Printed: 3/13/2019

Federal Project Number: WISC

State Project Number: 1070-04-75

PROJECT ID	FEDERAL PROJECT NUMBER	PROJECT DESCRIPTION
1070-04-75	WISC	La Crosse - Sparta; STH 157 Interchange



Detail Estimate Cost Summary

Page 1 of 1

Proposal ID: C1070-04-75

Project ID: 1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Fund Package			Total Fund Package Cost	E&C Amount	Total	Funding Limit	Funding
Fund	STATE	State Funding					
Package	F90S10		387,036.07	58,055.41	445,091.48		445,091.48
Fund	STATE	Totals	\$387,036.07	\$58,055.41	\$445,091.48		\$445,091.48
Fund	FED	Federal Funding					
Package	F90S10		3,483,324.66	522,498.70	4,005,823.36		4,005,823.36
Fund	FED	Totals	\$3,483,324.66	\$522,498.70	\$4,005,823.36		\$4,005,823.36
Fund	CNY001	La Crosse County					
Package	CNY100		478,212.81	71,731.92	549,944.73		549,944.73
Fund	CNY001	Totals	\$478,212.81	\$71,731.92	\$549,944.73		\$549,944.73
Fund	CIT001	City of Onalaska					
Package	CIT100		263,413.03	39,511.95	302,924.98		302,924.98
Fund	CIT001	Totals	\$263,413.03	\$39,511.95	\$302,924.98		\$302,924.98
Project Total 1070-04-75			\$4,611,986.57	\$691,797.98	\$5,303,784.55		\$5,303,784.55
Proposal Total C1070-04-75			\$4,611,986.57	\$691,797.98	\$5,303,784.55		\$5,303,784.55



Detail Cost Estimate

Page 1 of 20

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0010

Roadway Items - Backbone

Funding Source(s) and Participation: 1 FED Federal Funding 90.00% 0.00
1 STATE State Funding 10.00% 0.00

Category Work Class: RDCN

Roadway Construction

Fed Work Category: 05

4r Maintenance - Resurfacing

Category Length: 0.5871 MILES

Fed Construction Class: LET

Let Project Items

Category Width: 52.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0002	204.0105	Removing Pavement Butt Joints	SY	2,672.000	12.00000	32,064.00
0004	204.0109.S	Removing Concrete Surface Partial Depth	SF	204,250.000	0.65000	132,762.50
0006	204.0115	Removing Asphaltic Surface Butt Joints	SY	32.000	23.00000	736.00
0008	204.0120	Removing Asphaltic Surface Milling	SY	14,826.000	3.00000	44,478.00
0010	204.0150	Removing Curb & Gutter	LF	683.000	2.30000	1,570.90
0012	204.0155	Removing Concrete Sidewalk	SY	109.000	6.30000	686.70
0014	204.0165	Removing Guardrail	LF	822.000	2.80000	2,301.60
0016	204.0195	Removing Concrete Bases	EACH	11.000	200.00000	2,200.00
0018	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 1070-04-75	LS	1.000	10,000.00000	10,000.00
0020	213.0100	Finishing Roadway (project) 01. 1070-04-75	EACH	1.000	2,000.00000	2,000.00
0022	305.0110	Base Aggregate Dense 3/4-Inch	TON	112.000	24.00000	2,688.00
0024	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	100.000	13.50000	1,350.00
0026	305.0500	Shaping Shoulders	STA	44.000	60.00000	2,640.00
0028	390.0403	Base Patching Concrete Shes	SY	1,917.000	110.00000	210,870.00
0030	416.0610	Drilled Tie Bars	EACH	359.000	8.80000	3,159.20
0032	416.0620	Drilled Dowel Bars	EACH	120.000	12.80000	1,536.00
0034	416.1725	Concrete Pavement Replacement SHES	SY	440.000	145.00000	63,800.00
0036	455.0605	Tack Coat	GAL	2,861.000	1.90000	5,435.90
0038	460.2000	Incentive Density HMA Pavement	DOL	5,780.000	1.00000	5,780.00
0040	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	11,786.000	0.40000	4,714.40



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0010

Roadway Items - Backbone

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0042	460.6424	HMA Pavement 4 MT 58-28 H	TON	4,065.000	90.00000	365,850.00
0044	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	356.000	20.00000	7,120.00
0046	602.0405	Concrete Sidewalk 4-Inch	SF	977.000	4.60000	4,494.20
0048	611.8110	Adjusting Manhole Covers	EACH	8.000	375.00000	3,000.00
0050	611.8115	Adjusting Inlet Covers	EACH	3.000	385.00000	1,155.00
0052	614.2330	MGS Guardrail 3 K	LF	741.000	25.50000	18,895.50
0054	614.2610	MGS Guardrail Terminal EAT	EACH	6.000	2,750.00000	16,500.00
0056	614.2620	MGS Guardrail Terminal Type 2	EACH	6.000	950.00000	5,700.00
0058	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1070-04-75	EACH	1.000	1,500.00000	1,500.00
0060	619.1000	Mobilization	EACH	0.300	400,000.00000	120,000.00
0062	625.0500	Salvaged Topsoil	SY	800.000	2.35000	1,880.00
0064	628.1905	Mobilizations Erosion Control	EACH	4.000	250.00000	1,000.00
0066	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	200.00000	400.00
0068	628.2006	Erosion Mat Urban Class I Type A	SY	800.000	1.80000	1,440.00
0070	629.0210	Fertilizer Type B	CWT	1.500	42.50000	63.75
0072	630.0120	Seeding Mixture No. 20	LB	8.300	4.75000	39.43
0074	630.0140	Seeding Mixture No. 40	LB	9.400	11.50000	108.10
0076	630.0200	Seeding Temporary	LB	22.300	4.40000	98.12
0078	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	2.000	60.00000	120.00
0080	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	6.000	57.00000	342.00
0082	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	20.000	62.00000	1,240.00
0084	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	10.000	69.00000	690.00
0086	637.2210	Signs Type II Reflective H	SF	343.000	16.00000	5,488.00
0088	637.2215	Signs Type II Reflective H Folding	SF	89.520	22.00000	1,969.44
0090	637.2230	Signs Type II Reflective F	SF	46.000	18.75000	862.50
0092	638.2602	Removing Signs Type II	EACH	43.000	15.25000	655.75

Water item needed
anywhere in contract?



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0010

Roadway Items - Backbone

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0094	638.3000	Removing Small Sign Supports	EACH	36.000	16.50000	594.00
0096	642.5001	Field Office Type B	EACH	1.000	12,000.00000	12,000.00
0098	643.0300	Traffic Control Drums	DAY	6,135.000	0.40000	2,454.00
0100	643.0420	Traffic Control Barricades Type III	DAY	375.000	1.10000	412.50
0102	643.0705	Traffic Control Warning Lights Type A	DAY	650.000	0.25000	162.50
0104	643.0800	Traffic Control Arrow Boards	DAY	38.000	25.00000	950.00
0106	643.0900	Traffic Control Signs	DAY	1,530.000	0.85000	1,300.50
0108	643.0910	Traffic Control Covering Signs Type I	EACH	9.000	350.00000	3,150.00
0110	643.0920	Traffic Control Covering Signs Type II	EACH	16.000	32.00000	512.00
0112	643.1050	Traffic Control Signs PCMS	DAY	5.000	35.50000	177.50
0114	643.5000	Traffic Control	EACH	1.000	30,000.00000	30,000.00
0116	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	29,107.000	1.65000	48,026.55
0118	646.1041.S	Marking Replace Wet Reflective Epoxy 4-Inch	LF	751.000	1.25000	938.75
0120	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	5,775.000	2.50000	14,437.50
0122	646.3041.S	Marking Replace Wet Reflective Epoxy 8-Inch	LF	97.000	2.75000	266.75
0124	646.4505	Marking Line Same Day Paint 4-Inch	LF	2,020.000	2.00000	4,040.00
0126	646.4605	Marking Line Same Day Paint 8-Inch	LF	5,775.000	2.50000	14,437.50
0128	646.5020	Marking Arrow Epoxy	EACH	12.000	165.00000	1,980.00
0130	646.5120	Marking Word Epoxy	EACH	4.000	205.00000	820.00
0132	646.6120	Marking Stop Line Epoxy 18-Inch	LF	226.000	8.80000	1,988.80
0134	646.7120	Marking Diagonal Epoxy 12-Inch	LF	400.000	7.75000	3,100.00
0136	646.7220	Marking Chevron Epoxy 24-Inch	LF	289.000	10.50000	3,034.50
0138	646.8120	Marking Curb Epoxy	LF	148.000	6.00000	888.00
0140	649.0105	Temporary Marking Line Paint 4-Inch	LF	636.000	0.50000	318.00
0142	649.0205	Temporary Marking Line Paint 8-Inch	LF	1,218.000	0.40000	487.20
0144	650.8000	Construction Staking Resurfacing Reference	LF	14,411.000	0.12000	1,729.32



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0010

Roadway Items - Backbone

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0146	650.8500	Construction Staking Electrical Installations (project) 01. 1070-04-75	LS	1.000	2,500.00000	2,500.00
0148	650.9910	Construction Staking Supplemental Control (project) 01. 1070-04-75	LS	1.000	800.00000	800.00
0150	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	2,214.000	4.75000	10,516.50
0152	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	685.000	6.00000	4,110.00
0154	652.0615	Conduit Special 3-Inch	LF	1,529.000	20.00000	30,580.00
0156	652.0800	Conduit Loop Detector	LF	642.000	4.25000	2,728.50
0158	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	34.000	1,100.00000	37,400.00
0160	653.0905	Removing Pull Boxes	EACH	26.000	100.00000	2,600.00
0162	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	2.000	1,400.00000	2,800.00
0164	655.0230	Cable Traffic Signal 5-14 AWG	LF	722.000	1.15000	830.30
0166	655.0240	Cable Traffic Signal 7-14 AWG	LF	3,319.000	1.35000	4,480.65
0168	655.0260	Cable Traffic Signal 12-14 AWG	LF	762.000	1.85000	1,409.70
0170	655.0305	Cable Type UF 2-12 AWG Grounded	LF	2,274.000	1.25000	2,842.50
0172	655.0610	Electrical Wire Lighting 12 AWG	LF	450.000	0.60000	270.00
0174	655.0700	Loop Detector Lead In Cable	LF	8,333.000	1.10000	9,166.30
0176	655.0800	Loop Detector Wire	LF	2,076.000	0.75000	1,557.00
0178	656.0200	Electrical Service Meter Breaker Pedestal (location) 04. STH 157 & IH 90 EB Ramp	LS	1.000	1,100.00000	1,100.00
0180	656.0200	Electrical Service Meter Breaker Pedestal (location) 05. STH 157 & IH 90 WB Ramp	LS	1.000	1,100.00000	1,100.00
0182	657.0812	Luminaire Arms Steel 12-FT	EACH	3.000	1,020.00000	3,060.00
0184	658.0173	Traffic Signal Face 3S 12-Inch	EACH	13.000	400.00000	5,200.00
0186	658.5069	Signal Mounting Hardware (location) 04. STH 157 & IH 90 EB Ramps	LS	1.000	3,000.00000	3,000.00
0188	658.5069	Signal Mounting Hardware (location) 05. STH 157 & IH 90 WB Ramps	LS	1.000	3,000.00000	3,000.00
0190	659.1125	Luminaires Utility LED C	EACH	3.000	375.00000	1,125.00
0192	690.0250	Sawing Concrete	LF	19,087.000	2.50000	47,717.50
0194	740.0440	Incentive IRI Ride	DOL	15,900.000	1.00000	15,900.00



Detail Cost Estimate

Page 5 of 20

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0010

Roadway Items - Backbone

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0196	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	1,000.000	5.00000	5,000.00
0198	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	800.000	5.00000	4,000.00
0200	SPV.0060	Special 01. Concrete Bases Type 9 & 10 Special	EACH	4.000	7,000.00000	28,000.00
0202	SPV.0060	Special 02. Type 9 Special Pole	EACH	1.000	4,000.00000	4,000.00
0204	SPV.0060	Special 03. Type 10 Special Pole	EACH	3.000	5,000.00000	15,000.00
0206	SPV.0060	Special 04. Type 9 & 10 Special Pole Arm 40-FT	EACH	2.000	5,300.00000	10,600.00
0208	SPV.0060	Special 05. Type 9 & 10 Special Pole Arm 45-FT	EACH	2.000	6,500.00000	13,000.00
0210	SPV.0060	Special 06. Removing Traffic Signal Unit	EACH	9.000	200.00000	1,800.00
0212	SPV.0060	Special 07. Adjusting Concrete Bases	EACH	19.000	100.00000	1,900.00
0214	SPV.0090	Special 02. Concrete Curb & Cutter 30-Inch Type A SHES	LF	599.000	30.00000	17,970.00
0216	SPV.0090	Special 04. Concrete Joint & Crack Cleaning	LF	945.000	3.00000	2,835.00
0218	SPV.0180	Special 01. Concrete Pavement SHES 9-Inch	SY	119.000	155.00000	18,445.00

02. change Cutter to
Gutter

Category 0010 Total: \$1,557,934.81
Eng & Contg: \$233,690.22
Total: \$1,791,625.03



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0020

Roadway Items - State 3R

Funding Source(s) and Participation: 1 FED Federal Funding
1 STATE State Funding

Category Work Class: RDCN

Roadway Construction

Fed Work Category: 05

4r Maintenance - Resurfacing

Fed Construction Class: LET

Let Project Items

Category Length: 0.7394 MILES

Category Width: 52.0000 FEET

90.00%
10.00%

This matches FIIPS but I'm not sure it's right for 3R category. I'll check with Vicki and Becky too.

Checked with Vicki & Becky. FIIPS is now 80/20 for this category. (Category 0010 is correct at 90/10.)

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0220	204.0100	Removing Pavement	SY	67.000	12.50000	837.50
0222	204.0105	Removing Pavement Butt Joints	SY	3,380.000	12.00000	40,560.00
0224	204.0109.S	Removing Concrete Surface Partial Depth	SF	325,591.000	0.65000	211,634.15
0226	204.0110	Removing Asphaltic Surface	SY	1,600.000	3.30000	5,280.00
0228	204.0115	Removing Asphaltic Surface Butt Joints	SY	5.000	23.00000	115.00
0230	204.0120	Removing Asphaltic Surface Milling	SY	10,842.000	3.00000	32,526.00
0232	204.0150	Removing Curb & Gutter	LF	457.000	2.30000	1,051.10
0234	204.0155	Removing Concrete Sidewalk	SY	303.000	6.30000	1,908.90
0236	204.0165	Removing Guardrail	LF	405.000	2.80000	1,134.00
0238	204.0180	Removing Delineators and Markers	EACH	6.000	25.00000	150.00
0240	204.0185	Removing Masonry	CY	86.000	33.00000	2,838.00
0242	204.0195	Removing Concrete Bases	EACH	25.000	200.00000	5,000.00
0244	305.0110	Base Aggregate Dense 3/4-Inch	TON	46.000	24.00000	1,104.00
0246	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	83.000	13.50000	1,120.50
0248	305.0500	Shaping Shoulders	STA	19.000	60.00000	1,140.00
0250	390.0403	Base Patching Concrete Shes	SY	2,919.000	110.00000	321,090.00
0252	416.0610	Drilled Tie Bars	EACH	506.000	8.80000	4,452.80
0254	416.0620	Drilled Dowel Bars	EACH	1,161.000	12.80000	14,860.80
0256	416.1725	Concrete Pavement Replacement SHES	SY	1,893.000	145.00000	274,485.00
0258	455.0605	Tack Coat	GAL	3,305.000	1.90000	6,279.50
0260	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	17,239.000	0.40000	6,895.60
0262	460.6223	HMA Pavement 3 MT 58-28 S	TON	186.000	90.00000	16,740.00



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0020

Roadway Items - State 3R

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0264	460.6424	HMA Pavement 4 MT 58-28 H	TON	4,626.000	90.00000	416,340.00
0266	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	49.000	127.00000	6,223.00
0268	465.0305	Asphaltic Surface Safety Islands	TON	11.000	156.00000	1,716.00
0270	465.0400	Asphaltic Shoulder Rumble Strips	LF	998.000	0.20000	199.60
0272	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	272.000	20.00000	5,440.00
0274	602.0405	Concrete Sidewalk 4-Inch	SF	2,374.000	4.60000	10,920.40
0276	604.0400	Slope Paving Concrete	SY	108.000	75.00000	8,100.00
0278	611.8115	Adjusting Inlet Covers	EACH	3.000	385.00000	1,155.00
0280	614.2300	MGS Guardrail 3	LF	184.500	20.00000	3,690.00
0282	614.2330	MGS Guardrail 3 K	LF	184.500	25.50000	4,704.75
0284	614.2610	MGS Guardrail Terminal EAT	EACH	4.000	2,750.00000	11,000.00
0286	614.2620	MGS Guardrail Terminal Type 2	EACH	4.000	950.00000	3,800.00
0288	619.1000	Mobilization	EACH	0.500	400,000.00000	200,000.00
0290	625.0500	Salvaged Topsoil	SY	1,488.000	2.35000	3,496.80
0292	628.2006	Erosion Mat Urban Class I Type A	SY	1,488.000	1.80000	2,678.40
0294	628.7010	Inlet Protection Type B	EACH	2.000	55.00000	110.00
0296	628.7015	Inlet Protection Type C	EACH	32.000	55.00000	1,760.00
0298	628.7570	Rock Bags	EACH	3.000	20.00000	60.00
0300	629.0210	Fertilizer Type B	CWT	2.100	42.50000	89.25
0302	630.0120	Seeding Mixture No. 20	LB	2.400	4.75000	11.40
0304	630.0140	Seeding Mixture No. 40	LB	26.900	11.50000	309.35
0306	630.0200	Seeding Temporary	LB	41.500	4.40000	182.60
0308	633.5400	Markers Median	EACH	6.000	50.00000	300.00
0310	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	13.000	60.00000	780.00
0312	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	53.000	57.00000	3,021.00
0314	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	28.000	62.00000	1,736.00
0316	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	10.000	69.00000	690.00



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0020

Roadway Items - State 3R

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0318	637.2210	Signs Type II Reflective H	SF	1,002.020	16.00000	16,032.32
0320	637.2215	Signs Type II Reflective H Folding	SF	186.500	22.00000	4,103.00
0322	637.2230	Signs Type II Reflective F	SF	156.250	18.75000	2,929.69
0324	638.2602	Removing Signs Type II	EACH	125.000	15.25000	1,906.25
0326	638.3000	Removing Small Sign Supports	EACH	80.000	16.50000	1,320.00
0328	641.8100	Overhead Sign Support (structure) 01. S-32-69	LS	1.000	18,000.00000	18,000.00
0330	641.8100	Overhead Sign Support (structure) 02. S-32-70	LS	1.000	27,500.00000	27,500.00
0332	641.8100	Overhead Sign Support (structure) 03. S-32-71	LS	1.000	27,500.00000	27,500.00
0334	643.0300	Traffic Control Drums	DAY	13,465.000	0.40000	5,386.00
0336	643.0410	Traffic Control Barricades Type II	DAY	10.000	1.25000	12.50
0338	643.0420	Traffic Control Barricades Type III	DAY	1,124.000	1.10000	1,236.40
0340	643.0705	Traffic Control Warning Lights Type A	DAY	1,912.000	0.25000	478.00
0342	643.0715	Traffic Control Warning Lights Type C	DAY	740.000	0.35000	259.00
0344	643.0800	Traffic Control Arrow Boards	DAY	17.000	25.00000	425.00
0346	643.0900	Traffic Control Signs	DAY	2,092.000	0.85000	1,778.20
0348	643.0920	Traffic Control Covering Signs Type II	EACH	24.000	32.00000	768.00
0350	643.1050	Traffic Control Signs PCMS	DAY	5.000	35.50000	177.50
0352	644.1420.S	Temporary Pedestrian Surface Plywood	SF	884.000	4.50000	3,978.00
0354	644.1601.S	Temporary Curb Ramp	EACH	4.000	600.00000	2,400.00
0356	646.1020	Marking Line Epoxy 4-Inch	LF	685.000	0.50000	342.50
0358	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	23,772.000	1.65000	39,223.80
0360	646.3020	Marking Line Epoxy 8-Inch	LF	875.000	1.15000	1,006.25
0362	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	6,561.000	2.50000	16,402.50
0364	646.4505	Marking Line Same Day Paint 4-Inch	LF	3,261.000	2.00000	6,522.00
0366	646.4605	Marking Line Same Day Paint 8-Inch	LF	5,544.000	2.50000	13,860.00
0368	646.5020	Marking Arrow Epoxy	EACH	28.000	165.00000	4,620.00
0370	646.5120	Marking Word Epoxy	EACH	11.000	205.00000	2,255.00



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0020

Roadway Items - State 3R

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0372	646.6120	Marking Stop Line Epoxy 18-Inch	LF	424.000	8.80000	3,731.20
0374	646.7120	Marking Diagonal Epoxy 12-Inch	LF	124.000	7.75000	961.00
0376	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	395.000	7.50000	2,962.50
0378	646.8120	Marking Curb Epoxy	LF	545.000	6.00000	3,270.00
0380	646.8220	Marking Island Nose Epoxy	EACH	7.000	115.00000	805.00
0382	649.0105	Temporary Marking Line Paint 4-Inch	LF	1,024.000	0.50000	512.00
0384	649.0205	Temporary Marking Line Paint 8-Inch	LF	5,152.000	0.40000	2,060.80
0386	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	328.000	1.75000	574.00
0388	649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	12.000	5.30000	63.60
0390	649.0960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	75.000	2.45000	183.75
0392	650.8000	Construction Staking Resurfacing Reference	LF	6,763.000	0.12000	811.56
0394	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	2,633.000	4.75000	12,506.75
0396	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	779.000	6.00000	4,674.00
0398	652.0615	Conduit Special 3-Inch	LF	3,365.000	20.00000	67,300.00
0400	652.0800	Conduit Loop Detector	LF	920.000	4.25000	3,910.00
0402	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	44.000	1,100.00000	48,400.00
0404	653.0900	Adjusting Pull Boxes	EACH	9.000	200.00000	1,800.00
0406	653.0905	Removing Pull Boxes	EACH	43.000	100.00000	4,300.00
0408	654.0101	Concrete Bases Type 1	EACH	9.000	600.00000	5,400.00
0410	654.0110	Concrete Bases Type 10	EACH	3.000	3,800.00000	11,400.00
0412	654.0113	Concrete Bases Type 13	EACH	2.000	7,000.00000	14,000.00
0414	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	3.000	1,400.00000	4,200.00
0416	655.0210	Cable Traffic Signal 3-14 AWG	LF	30.000	1.00000	30.00
0418	655.0230	Cable Traffic Signal 5-14 AWG	LF	1,473.000	1.15000	1,693.95
0420	655.0240	Cable Traffic Signal 7-14 AWG	LF	5,632.000	1.35000	7,603.20
0422	655.0260	Cable Traffic Signal 12-14 AWG	LF	4,002.000	1.85000	7,403.70
0424	655.0305	Cable Type UF 2-12 AWG Grounded	LF	3,324.000	1.25000	4,155.00



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0020

Roadway Items - State 3R

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0426	655.0610	Electrical Wire Lighting 12 AWG	LF	1,200.000	0.60000	720.00
0428	655.0700	Loop Detector Lead In Cable	LF	5,555.000	1.10000	6,110.50
0430	655.0800	Loop Detector Wire	LF	2,990.000	0.75000	2,242.50
0432	656.0200	Electrical Service Meter Breaker Pedestal (location) 01. STH 157 & STH 16	LS	1.000	1,100.00000	1,100.00
0434	656.0200	Electrical Service Meter Breaker Pedestal (location) 02. STH 157 & CTH PH	LS	1.000	1,100.00000	1,100.00
0436	656.0200	Electrical Service Meter Breaker Pedestal (location) 03. STH 157 & CTH SS	LS	1.000	1,100.00000	1,100.00
0438	657.0100	Pedestal Bases	EACH	9.000	200.00000	1,800.00
0440	657.0350	Poles Type 10	EACH	3.000	3,700.00000	11,100.00
0442	657.0360	Poles Type 13	EACH	2.000	8,200.00000	16,400.00
0444	657.0420	Traffic Signal Standards Aluminum 13-FT	EACH	7.000	420.00000	2,940.00
0446	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	2.000	460.00000	920.00
0448	657.0530	Monotube Arms 30-FT	EACH	3.000	3,500.00000	10,500.00
0450	657.0550	Monotube Arms 50-FT	EACH	2.000	12,000.00000	24,000.00
0452	657.0812	Luminaire Arms Steel 12-FT	EACH	8.000	1,020.00000	8,160.00
0454	658.0173	Traffic Signal Face 3S 12-Inch	EACH	28.000	400.00000	11,200.00
0456	658.0174	Traffic Signal Face 4S 12-Inch	EACH	7.000	550.00000	3,850.00
0458	658.0416	Pedestrian Signal Face 16-Inch	EACH	2.000	300.00000	600.00
0460	658.0500	Pedestrian Push Buttons	EACH	2.000	285.00000	570.00
0462	658.5069	Signal Mounting Hardware (location) 01. STH 157 & STH 16	LS	1.000	3,000.00000	3,000.00
0464	658.5069	Signal Mounting Hardware (location) 02. STH 157 & CTH PH	LS	1.000	3,000.00000	3,000.00
0466	658.5069	Signal Mounting Hardware (location) 03. STH 157 & CTH SS	LS	1.000	3,000.00000	3,000.00
0468	659.1125	Luminaires Utility LED C	EACH	8.000	375.00000	3,000.00
0470	661.0200	Temporary Traffic Signals for Intersections (location) 01. STH 157 & CTH SS	LS	1.000	30,000.00000	30,000.00
0472	690.0150	Sawing Asphalt	LF	834.000	1.65000	1,376.10
0474	690.0250	Sawing Concrete	LF	6,785.000	2.50000	16,962.50



Detail Cost Estimate

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Proposal ID: C1070-04-75**Proposal Description:** La Crosse - Sparta; STH 157 Interchange**Project ID:** 1070-04-75**Federal Project No.:** WISC**Contract ID:** C1070-04-75**Project Description:** La Crosse - Sparta; STH 157 Interchange**Category:** 0020

Roadway Items - State 3R

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0476	SPV.0060	Special 01. Concrete Bases Type 9 & 10 Special	EACH	3.000	7,000.00000	21,000.00
0478	SPV.0060	Special 03. Type 10 Special Pole	EACH	3.000	5,000.00000	15,000.00
0480	SPV.0060	Special 04. Type 9 & 10 Special Pole Arm 40-FT	EACH	1.000	5,300.00000	5,300.00
0482	SPV.0060	Special 05. Type 9 & 10 Special Pole Arm 45-FT	EACH	2.000	6,500.00000	13,000.00
0484	SPV.0060	Special 06. Removing Traffic Signal Unit	EACH	22.000	200.00000	4,400.00
0486	SPV.0060	Special 07. Adjusting Concrete Bases	EACH	18.000	100.00000	1,800.00
0488	SPV.0090	Special 01. Longitudinal Joint Repair	LF	406.000	10.00000	4,060.00
0490	SPV.0090	Special 02. Concrete Curb & Gutter 30-Inch Type A SHES	LF	224.000	30.00000	6,720.00
0492	SPV.0090	Special 03. Concrete Curb & Gutter 30-Inch Type D SHES	LF	272.000	28.00000	7,616.00
0494	SPV.0090	Special 04. Concrete Joint & Crack Cleaning	LF	3,661.000	3.00000	10,983.00
0496	SPV.0180	Special 01. Concrete Pavement SHES 9-Inch	SY	19.000	155.00000	2,945.00

Category 0020 Total: \$2,312,425.92**Eng & Contg:** \$346,863.89**Total:** \$2,659,289.81



Detail Cost Estimate

Proposal ID: C1070-04-75**Proposal Description:** La Crosse - Sparta; STH 157 Interchange**Project ID:** 1070-04-75**Federal Project No.:** WISC**Contract ID:** C1070-04-75**Project Description:** La Crosse - Sparta; STH 157 Interchange**Category:** 0030

Pav't Replace CTH PH, La Crosse County

Funding Source(s) and Participation:

1 CNY001 La Crosse County

100.00%

0.00

Category Work Class: RDCN

Roadway Construction

Fed Work Category: 04

Reconstruction - No Added Capacity

Category Length: 0.0311 MILES**Fed Construction Class:** LET

Let Project Items

Category Width: 48.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0498	204.0150	Removing Curb & Gutter	LF	331.000	2.30000	761.30
0500	204.0155	Removing Concrete Sidewalk	SY	12.000	6.30000	75.60
0502	205.0100	Excavation Common	CY	490.000	12.75000	6,247.50
0504	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	440.000	13.50000	5,940.00
0506	415.1085	Concrete Pavement HES 8 1/2-Inch	SY	1,052.000	55.00000	57,860.00
0508	416.0160	Concrete Driveway 6-Inch	SY	22.000	57.00000	1,254.00
0510	416.0620	Drilled Dowel Bars	EACH	58.000	12.80000	742.40
0512	465.0125	Asphaltic Surface Temporary	TON	5.000	130.00000	650.00
0514	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	346.000	21.50000	7,439.00
0516	602.0405	Concrete Sidewalk 4-Inch	SF	208.000	4.60000	956.80
0518	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	20.000	38.00000	760.00
0520	611.8110	Adjusting Manhole Covers	EACH	1.000	375.00000	375.00
0522	611.8115	Adjusting Inlet Covers	EACH	3.000	385.00000	1,155.00
0524	619.1000	Mobilization	EACH	0.050	400,000.00000	20,000.00
0526	625.0500	Salvaged Topsoil	SY	267.000	2.35000	627.45
0528	628.1504	Silt Fence	LF	419.000	2.20000	921.80
0530	628.2006	Erosion Mat Urban Class I Type A	SY	267.000	1.80000	480.60
0532	628.7010	Inlet Protection Type B	EACH	2.000	55.00000	110.00
0534	628.7015	Inlet Protection Type C	EACH	3.000	55.00000	165.00
0536	629.0210	Fertilizer Type B	CWT	1.400	42.50000	59.50
0538	630.0140	Seeding Mixture No. 40	LB	5.000	11.50000	57.50
0540	630.0200	Seeding Temporary	LB	8.000	4.40000	35.20



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0030

Pav't Replace CTH PH, La Crosse County

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0542	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	3.000	57.00000	171.00
0544	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	1.000	62.00000	62.00
0546	637.2210	Signs Type II Reflective H	SF	14.180	16.00000	226.88
0548	637.2230	Signs Type II Reflective F	SF	9.380	18.75000	175.88
0550	638.2602	Removing Signs Type II	EACH	3.000	15.25000	45.75
0552	638.3000	Removing Small Sign Supports	EACH	2.000	16.50000	33.00
0554	643.0300	Traffic Control Drums	DAY	581.000	0.40000	232.40
0556	643.0410	Traffic Control Barricades Type II	DAY	16.000	1.25000	20.00
0558	643.0420	Traffic Control Barricades Type III	DAY	164.000	1.10000	180.40
0560	643.0705	Traffic Control Warning Lights Type A	DAY	102.000	0.25000	25.50
0562	643.0900	Traffic Control Signs	DAY	51.000	0.85000	43.35
0564	644.1420.S	Temporary Pedestrian Surface Plywood	SF	96.000	4.50000	432.00
0566	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	557.000	1.65000	919.05
0568	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	293.000	2.50000	732.50
0570	646.4505	Marking Line Same Day Paint 4-Inch	LF	369.000	2.00000	738.00
0572	646.4605	Marking Line Same Day Paint 8-Inch	LF	254.000	2.50000	635.00
0574	646.5020	Marking Arrow Epoxy	EACH	6.000	165.00000	990.00
0576	646.6120	Marking Stop Line Epoxy 18-Inch	LF	37.000	8.80000	325.60
0578	646.7120	Marking Diagonal Epoxy 12-Inch	LF	47.000	7.75000	364.25
0580	646.9300	Marking Removal Special Marking	EACH	4.000	125.00000	500.00
0582	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	938.000	0.95000	891.10
0584	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	24.000	1.75000	42.00
0586	650.4500	Construction Staking Subgrade	LF	164.000	0.20000	32.80
0588	650.7000	Construction Staking Concrete Pavement	LF	164.000	2.10000	344.40
0590	650.9000	Construction Staking Curb Ramps	EACH	2.000	135.00000	270.00
0592	650.9920	Construction Staking Slope Stakes	LF	305.000	1.15000	350.75
0594	690.0150	Sawing Asphalt	LF	349.000	1.65000	575.85



Detail Cost Estimate

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Proposal ID: C1070-04-75**Proposal Description:** La Crosse - Sparta; STH 157 Interchange**Project ID:** 1070-04-75**Federal Project No.:** WISC**Contract ID:** C1070-04-75**Project Description:** La Crosse - Sparta; STH 157 Interchange**Category:** 0030

Pav't Replace CTH PH, La Crosse County

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0596	690.0250	Sawing Concrete	LF	56.000	2.50000	140.00
0598	SPV.0105	Special 01. Concrete Pavement Joint Layout	LS	0.150	2,500.00000	375.00
Category 0030 Total:					\$116,548.11	
Eng & Contg:					\$17,482.21	
Total:					\$134,030.32	



Detail Cost Estimate

Proposal ID: C1070-04-75**Proposal Description:** La Crosse - Sparta; STH 157 Interchange**Project ID:** 1070-04-75**Federal Project No.:** WISC**Contract ID:** C1070-04-75**Project Description:** La Crosse - Sparta; STH 157 Interchange**Category:** 0040

Pav't Replace CTH SS, City of Onalaska

Funding Source(s) and Participation:

1 CIT001 City of Onalaska

100.00%

0.00

Category Work Class: RDCN

Roadway Construction

Fed Work Category: 04

Reconstruction - No Added Capacity

Category Length: 0.1021 MILES**Fed Construction Class:** LET

Let Project Items

Category Width: 48.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0600	204.0110	Removing Asphaltic Surface	SY	268.000	3.30000	884.40
0602	204.0150	Removing Curb & Gutter	LF	1,891.000	2.30000	4,349.30
0604	204.0155	Removing Concrete Sidewalk	SY	17.000	6.30000	107.10
0606	205.0100	Excavation Common	CY	2,784.000	12.75000	35,496.00
0608	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	2,178.000	13.50000	29,403.00
0610	416.0160	Concrete Driveway 6-Inch	SY	88.000	57.00000	5,016.00
0612	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	65.000	127.00000	8,255.00
0614	465.0125	Asphaltic Surface Temporary	TON	86.000	130.00000	11,180.00
0616	465.0305	Asphaltic Surface Safety Islands	TON	26.000	156.00000	4,056.00
0618	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	1,893.000	21.50000	40,699.50
0620	601.0600	Concrete Curb Pedestrian	LF	26.000	31.00000	806.00
0622	602.0405	Concrete Sidewalk 4-Inch	SF	322.000	4.60000	1,481.20
0624	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	20.000	38.00000	760.00
0626	611.8110	Adjusting Manhole Covers	EACH	7.000	375.00000	2,625.00
0628	611.8115	Adjusting Inlet Covers	EACH	3.000	385.00000	1,155.00
0630	619.1000	Mobilization	EACH	0.050	400,000.00000	20,000.00
0632	625.0500	Salvaged Topsoil	SY	881.700	2.35000	2,072.00
0634	628.1504	Silt Fence	LF	784.000	2.20000	1,724.80
0636	628.2006	Erosion Mat Urban Class I Type A	SY	881.700	1.80000	1,587.06
0638	628.7015	Inlet Protection Type C	EACH	4.000	55.00000	220.00
0640	629.0210	Fertilizer Type B	CWT	2.000	42.50000	85.00
0642	630.0140	Seeding Mixture No. 40	LB	17.000	11.50000	195.50



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0040

Pav't Replace CTH SS, City of Onalaska

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0644	630.0200	Seeding Temporary	LB	24.400	4.40000	107.36
0646	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	2.000	57.00000	114.00
0648	634.0814	Posts Tubular Steel 2x2-Inch X 14-FT	EACH	2.000	135.00000	270.00
0650	634.0818	Posts Tubular Steel 2x2-Inch X 18-FT	EACH	2.000	165.00000	330.00
0652	637.2210	Signs Type II Reflective H	SF	76.500	16.00000	1,224.00
0654	637.2215	Signs Type II Reflective H Folding	SF	31.080	22.00000	683.76
0656	638.2602	Removing Signs Type II	EACH	11.000	15.25000	167.75
0658	638.3000	Removing Small Sign Supports	EACH	2.000	16.50000	33.00
0660	643.0300	Traffic Control Drums	DAY	2,846.000	0.40000	1,138.40
0662	643.0410	Traffic Control Barricades Type II	DAY	41.000	1.25000	51.25
0664	643.0420	Traffic Control Barricades Type III	DAY	277.000	1.10000	304.70
0666	643.0705	Traffic Control Warning Lights Type A	DAY	377.000	0.25000	94.25
0668	643.0715	Traffic Control Warning Lights Type C	DAY	213.000	0.35000	74.55
0670	643.0900	Traffic Control Signs	DAY	724.000	0.85000	615.40
0672	643.0920	Traffic Control Covering Signs Type II	EACH	2.000	32.00000	64.00
0674	643.1000	Traffic Control Signs Fixed Message	SF	10.000	25.00000	250.00
0676	644.1420.S	Temporary Pedestrian Surface Plywood	SF	280.000	4.50000	1,260.00
0678	644.1601.S	Temporary Curb Ramp	EACH	2.000	600.00000	1,200.00
0680	646.1005	Marking Line Paint 4-Inch	LF	430.000	0.11000	47.30
0682	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	764.000	1.65000	1,260.60
0684	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	1,571.000	2.50000	3,927.50
0686	646.4505	Marking Line Same Day Paint 4-Inch	LF	403.000	2.00000	806.00
0688	646.4605	Marking Line Same Day Paint 8-Inch	LF	1,406.000	2.50000	3,515.00
0690	646.5020	Marking Arrow Epoxy	EACH	14.000	165.00000	2,310.00
0692	646.6120	Marking Stop Line Epoxy 18-Inch	LF	92.000	8.80000	809.60
0694	646.7220	Marking Chevron Epoxy 24-Inch	LF	131.000	10.50000	1,375.50
0696	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	129.000	7.50000	967.50



Detail Cost Estimate

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Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0040

Pav't Replace CTH SS, City of Onalaska

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0698	646.8120	Marking Curb Epoxy	LF	65.000	6.00000	390.00
0700	646.8220	Marking Island Nose Epoxy	EACH	2.000	115.00000	230.00
0702	646.9300	Marking Removal Special Marking	EACH	3.000	125.00000	375.00
0704	649.0105	Temporary Marking Line Paint 4-Inch	LF	575.000	0.50000	287.50
0706	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	1,183.000	0.95000	1,123.85
0708	649.0205	Temporary Marking Line Paint 8-Inch	LF	77.000	0.40000	30.80
0710	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	118.000	1.75000	206.50
0712	649.0505	Temporary Marking Arrow Paint	EACH	1.000	45.00000	45.00
0714	649.0805	Temporary Marking Stop Line Paint 18-Inch	LF	5.000	10.00000	50.00
0716	649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	34.000	5.30000	180.20
0718	649.0960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	362.000	2.45000	886.90
0720	650.4500	Construction Staking Subgrade	LF	448.000	0.20000	89.60
0722	650.7000	Construction Staking Concrete Pavement	LF	448.000	2.10000	940.80
0724	650.9000	Construction Staking Curb Ramps	EACH	2.000	135.00000	270.00
0726	650.9920	Construction Staking Slope Stakes	LF	844.000	1.15000	970.60
0728	661.0200	Temporary Traffic Signals for Intersections (location) 02. CTH SS & 12th Ave	LS	1.000	30,000.00000	30,000.00
0730	661.0200	Temporary Traffic Signals for Intersections (location) 03. 12th Ave & Crossing Meadows Dr	LS	1.000	30,000.00000	30,000.00
0732	690.0150	Sawing Asphalt	LF	430.000	1.65000	709.50
0734	690.0250	Sawing Concrete	LF	187.000	2.50000	467.50
0736	SPV.0105	Special 01. Concrete Pavement Joint Layout	LS	0.400	2,500.00000	1,000.00

Category 0040 Total: \$263,413.03

Eng & Contg: \$39,511.95

Total: \$302,924.98



Detail Cost Estimate

Proposal ID: C1070-04-75**Proposal Description:** La Crosse - Sparta; STH 157 Interchange**Project ID:** 1070-04-75**Federal Project No.:** WISC**Contract ID:** C1070-04-75**Project Description:** La Crosse - Sparta; STH 157 Interchange**Category:** 0050

Pav't Replace CTH SS, La Crosse County

Funding Source(s) and Participation:

1 CNY001 La Crosse County

100.00%

0.00

Category Work Class: RDCN

Roadway Construction

Fed Work Category: 04

Reconstruction - No Added Capacity

Category Length: 0.0674 MILES**Fed Construction Class:** LET

Let Project Items

Category Width: 48.0000 FEET

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0738	204.0150	Removing Curb & Gutter	LF	1,514.000	2.30000	3,482.20
0740	205.0100	Excavation Common	CY	2,059.000	12.75000	26,252.25
0742	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	1,860.000	13.50000	25,110.00
0744	415.1085	Concrete Pavement HES 8 1/2-Inch	SY	3,428.000	55.00000	188,540.00
0746	416.0620	Drilled Dowel Bars	EACH	265.000	12.80000	3,392.00
0748	465.0125	Asphaltic Surface Temporary	TON	86.000	130.00000	11,180.00
0750	465.0305	Asphaltic Surface Safety Islands	TON	19.000	156.00000	2,964.00
0752	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	1,510.000	21.50000	32,465.00
0754	602.0405	Concrete Sidewalk 4-Inch	SF	135.000	4.60000	621.00
0756	611.8110	Adjusting Manhole Covers	EACH	1.000	375.00000	375.00
0758	611.8115	Adjusting Inlet Covers	EACH	2.000	385.00000	770.00
0760	619.1000	Mobilization	EACH	0.100	400,000.00000	40,000.00
0762	625.0500	Salvaged Topsoil	SY	1,118.100	2.35000	2,627.54
0764	628.1504	Silt Fence	LF	955.000	2.20000	2,101.00
0766	628.2006	Erosion Mat Urban Class I Type A	SY	1,118.100	1.80000	2,012.58
0768	628.7015	Inlet Protection Type C	EACH	3.000	55.00000	165.00
0770	629.0210	Fertilizer Type B	CWT	1.700	42.50000	72.25
0772	630.0140	Seeding Mixture No. 40	LB	21.300	11.50000	244.95
0774	630.0200	Seeding Temporary	LB	31.200	4.40000	137.28
0776	643.0300	Traffic Control Drums	DAY	1,166.000	0.40000	466.40
0778	643.0410	Traffic Control Barricades Type II	DAY	41.000	1.25000	51.25
0780	643.0420	Traffic Control Barricades Type III	DAY	136.000	1.10000	149.60



Detail Cost Estimate

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category: 0050

Pav't Replace CTH SS, La Crosse County

Line No.	Item Number	Item Description	Units	Estimated Qty	Unit Price	Amount
0782	643.0705	Traffic Control Warning Lights Type A	DAY	137.000	0.25000	34.25
0784	643.0715	Traffic Control Warning Lights Type C	DAY	233.000	0.35000	81.55
0786	643.0900	Traffic Control Signs	DAY	364.000	0.85000	309.40
0788	643.0910	Traffic Control Covering Signs Type I	EACH	1.000	350.00000	350.00
0790	643.0920	Traffic Control Covering Signs Type II	EACH	2.000	32.00000	64.00
0792	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	1,093.000	2.50000	2,732.50
0794	646.4605	Marking Line Same Day Paint 8-Inch	LF	1,093.000	2.50000	2,732.50
0796	646.5020	Marking Arrow Epoxy	EACH	15.000	165.00000	2,475.00
0798	646.5120	Marking Word Epoxy	EACH	11.000	205.00000	2,255.00
0800	646.6120	Marking Stop Line Epoxy 18-Inch	LF	61.000	8.80000	536.80
0802	646.8120	Marking Curb Epoxy	LF	66.000	6.00000	396.00
0804	646.8220	Marking Island Nose Epoxy	EACH	3.000	115.00000	345.00
0806	646.9300	Marking Removal Special Marking	EACH	2.000	125.00000	250.00
0808	649.0105	Temporary Marking Line Paint 4-Inch	LF	575.000	0.50000	287.50
0810	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	1,183.000	0.95000	1,123.85
0812	649.0205	Temporary Marking Line Paint 8-Inch	LF	77.000	0.40000	30.80
0814	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	118.000	1.75000	206.50
0816	649.0505	Temporary Marking Arrow Paint	EACH	1.000	45.00000	45.00
0818	649.0805	Temporary Marking Stop Line Paint 18-Inch	LF	5.000	10.00000	50.00
0820	649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	34.000	5.30000	180.20
0822	649.0960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	362.000	2.45000	886.90
0824	650.4500	Construction Staking Subgrade	LF	448.000	0.20000	89.60
0826	650.7000	Construction Staking Concrete Pavement	LF	448.000	2.10000	940.80
0828	650.9920	Construction Staking Slope Stakes	LF	784.000	1.15000	901.60
0830	690.0150	Sawing Asphalt	LF	11.000	1.65000	18.15
0832	690.0250	Sawing Concrete	LF	15.000	2.50000	37.50
0834	SPV.0105	Special 01. Concrete Pavement Joint Layout	LS	0.450	2,500.00000	1,125.00



Detail Cost Estimate

Page 20 of 20

Proposal ID: C1070-04-75

Proposal Description: La Crosse - Sparta; STH 157 Interchange

Project ID: 1070-04-75

Federal Project No.: WISC

Contract ID: C1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category 0050 Total:	\$361,664.70
Eng & Contg:	\$54,249.71
Total:	\$415,914.41
Project 1070-04-75 Total:	\$4,611,986.57
Estimate Total:	\$4,611,986.57
Proposal Estimate Total:	\$4,611,986.57
Proposal E&C Total:	\$691,797.98
Proposal C1070-04-75 Total:	\$5,303,784.55



Detail Estimate Funding Summary

Proposal ID: C1070-04-75

Project ID: 1070-04-75

Project Description: La Crosse - Sparta; STH 157 Interchange

Category	Cost	E & C Percent	E&C Amount	Total	Funding Package	Fund	Funding Amount
0010	Roadway Items - Backbone						
	1,557,934.81	15.00 %	233,690.22	1,791,625.03	F90S1 STATE 0	State Funding	179,162.50
					F90S1 FED 0	Federal Funding	1,612,462.53
					Category Total 0010		\$1,791,625.03
0020	Roadway Items - State 3R						
	2,312,425.92	15.00 %	346,863.89	2,659,289.81	F90S1 STATE 0	State Funding	265,928.98
					F90S1 FED 0	Federal Funding	2,393,360.83
					Category Total 0020		\$2,659,289.81
0030	Pav't Replace CTH PH, La Crosse County						
	116,548.11	15.00 %	17,482.21	134,030.32	CNY10 CNY001 0	La Crosse County	134,030.32
					Category Total 0030		\$134,030.32
0040	Pav't Replace CTH SS, City of Onalaska						
	263,413.03	15.00 %	39,511.95	302,924.98	CIT100 CIT001	City of Onalaska	302,924.98
					Category Total 0040		\$302,924.98
0050	Pav't Replace CTH SS, La Crosse County						
	361,664.70	15.00 %	54,249.71	415,914.41	CNY10 CNY001 0	La Crosse County	415,914.41
					Category Total 0050		\$415,914.41
					Project Total	1070-04-75	\$5,303,784.55
					Proposal Total	C1070-04-75	\$5,303,784.55

think 15% delivery is too high based on I/E = \$430,000 and I/E = \$184,983 in IPS. This is only 12%. Or do you think it won't be enough to build the project?

I think 15% delivery is too high based on C/E = \$430,000 and I/E = \$184,983 in FIIPS. This is only 12%. Or do you think this won't be enough to build the project?

Proposal Validation Results

[Help](#)

Proposal 'C1070-04-75' is valid.
Project '1070-04-75' is valid.



Proposal Estimate

Page 1 of 17

Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0002	204.0100 Removing Pavement	67.000 SY		12.50000		837.50
0004	204.0105 Removing Pavement Butt Joints	6,052.000 SY		12.00000		72,624.00
0006	204.0109.S Removing Concrete Surface Partial Depth	529,841.000 SF		0.65000		344,396.65
0008	204.0110 Removing Asphaltic Surface	1,868.000 SY		3.30000		6,164.40
0010	204.0115 Removing Asphaltic Surface Butt Joints	37.000 SY		23.00000		851.00
0012	204.0120 Removing Asphaltic Surface Milling	25,668.000 SY		3.00000		77,004.00
0014	204.0150 Removing Curb & Gutter	4,876.000 LF		2.30000		11,214.80
0016	204.0155 Removing Concrete Sidewalk	441.000 SY		6.30000		2,778.30
0018	204.0165 Removing Guardrail	1,227.000 LF		2.80000		3,435.60
0020	204.0180 Removing Delineators and Markers	6.000 EACH		25.00000		150.00
0022	204.0185 Removing Masonry	86.000 CY		33.00000		2,838.00
0024	204.0195 Removing Concrete Bases	36.000 EACH		200.00000		7,200.00



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0026	205.0100 Excavation Common	5,333.000 CY		12.75000		67,995.75
0028	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 1070-04-75	LS		LUMP SUM		10,000.00
0030	213.0100 Finishing Roadway (project) 01. 1070- 04-75	1.000 EACH		2,000.00000		2,000.00
0032	305.0110 Base Aggregate Dense 3/4-Inch	158.000 TON		24.00000		3,792.00
0034	305.0120 Base Aggregate Dense 1 1/4-Inch	4,661.000 TON		13.50000		62,923.50
0036	305.0500 Shaping Shoulders	63.000 STA		60.00000		3,780.00
0038	390.0403 Base Patching Concrete Shes	4,836.000 SY		110.00000		531,960.00
0040	415.1085 Concrete Pavement HES 8 1/2-Inch	4,480.000 SY		55.00000		246,400.00
0042	416.0160 Concrete Driveway 6-Inch	110.000 SY		57.00000		6,270.00
0044	416.0610 Drilled Tie Bars	865.000 EACH		8.80000		7,612.00
0046	416.0620 Drilled Dowel Bars	1,604.000 EACH		12.80000		20,531.20
0048	416.1725 Concrete Pavement Replacement SHES	2,333.000 SY		145.00000		338,285.00



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0050	455.0605 Tack Coat	6,166.000 GAL		1.90000		11,715.40
0052	460.2000 Incentive Density HMA Pavement	5,780.000 DOL		1.00000		5,780.00
0054	460.4110.S Reheating HMA Pavement Longitudinal Joints	29,025.000 LF		0.40000		11,610.00
0056	460.6223 HMA Pavement 3 MT 58-28 S	186.000 TON		90.00000		16,740.00
0058	460.6424 HMA Pavement 4 MT 58-28 H	8,691.000 TON		90.00000		782,190.00
0060	465.0120 Asphaltic Surface Driveways and Field Entrances	114.000 TON		127.00000		14,478.00
0062	465.0125 Asphaltic Surface Temporary	177.000 TON		130.00000		23,010.00
0064	465.0305 Asphaltic Surface Safety Islands	56.000 TON		156.00000		8,736.00
0066	465.0400 Asphaltic Shoulder Rumble Strips	998.000 LF		0.20000		199.60
0068	601.0409 Concrete Curb & Gutter 30-Inch Type A	3,749.000 LF		21.50000		80,603.50
0070	601.0411 Concrete Curb & Gutter 30-Inch Type D	628.000 LF		20.00000		12,560.00
0072	601.0600 Concrete Curb Pedestrian	26.000 LF		31.00000		806.00



Proposal Estimate

Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0074	602.0405 Concrete Sidewalk 4-Inch	4,016.000 SF		4.60000	18,473.60	
0076	602.0515 Curb Ramp Detectable Warning Field Natural Patina	40.000 SF		38.00000	1,520.00	
0078	604.0400 Slope Paving Concrete	108.000 SY		75.00000	8,100.00	
0080	611.8110 Adjusting Manhole Covers	17.000 EACH		375.00000	6,375.00	
0082	611.8115 Adjusting Inlet Covers	14.000 EACH		385.00000	5,390.00	
0084	614.2300 MGS Guardrail 3	184.500 LF		20.00000	3,690.00	
0086	614.2330 MGS Guardrail 3 K	925.500 LF		25.50000	23,600.25	
0088	614.2610 MGS Guardrail Terminal EAT	10.000 EACH		2,750.00000	27,500.00	
0090	614.2620 MGS Guardrail Terminal Type 2	10.000 EACH		950.00000	9,500.00	
0092	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1070-04-75	1.000 EACH		1,500.00000	1,500.00	
0094	619.1000 Mobilization	1.000 EACH		400,000.00000	400,000.00	
0096	625.0500 Salvaged Topsoil	4,554.800 SY		2.35000	10,703.79	



Proposal Estimate

Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0098	628.1504 Silt Fence	2,158.000 LF		2.20000		4,747.60
0100	628.1905 Mobilizations Erosion Control	4.000 EACH		250.00000		1,000.00
0102	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH		200.00000		400.00
0104	628.2006 Erosion Mat Urban Class I Type A	4,554.800 SY		1.80000		8,198.64
0106	628.7010 Inlet Protection Type B	4.000 EACH		55.00000		220.00
0108	628.7015 Inlet Protection Type C	42.000 EACH		55.00000		2,310.00
0110	628.7570 Rock Bags	3.000 EACH		20.00000		60.00
0112	629.0210 Fertilizer Type B	8.700 CWT		42.50000		369.75
0114	630.0120 Seeding Mixture No. 20	10.700 LB		4.75000		50.83
0116	630.0140 Seeding Mixture No. 40	79.600 LB		11.50000		915.40
0118	630.0200 Seeding Temporary	127.400 LB		4.40000		560.56
0120	633.5400 Markers Median	6.000 EACH		50.00000		300.00



Proposal Estimate

Page 6 of 17

Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001

Contract Items

\$4,611,986.57

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0122	634.0612 Posts Wood 4x6-Inch X 12-FT	15.000 EACH		60.00000		900.00
0124	634.0614 Posts Wood 4x6-Inch X 14-FT	64.000 EACH		57.00000		3,648.00
0126	634.0616 Posts Wood 4x6-Inch X 16-FT	49.000 EACH		62.00000		3,038.00
0128	634.0618 Posts Wood 4x6-Inch X 18-FT	20.000 EACH		69.00000		1,380.00
0130	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	2.000 EACH		135.00000		270.00
0132	634.0818 Posts Tubular Steel 2x2-Inch X 18-FT	2.000 EACH		165.00000		330.00
0134	637.2210 Signs Type II Reflective H	1,435.700 SF		16.00000		22,971.20
0136	637.2215 Signs Type II Reflective H Folding	307.100 SF		22.00000		6,756.20
0138	637.2230 Signs Type II Reflective F	211.630 SF		18.75000		3,968.07
0140	638.2602 Removing Signs Type II	182.000 EACH		15.25000		2,775.50
0142	638.3000 Removing Small Sign Supports	120.000 EACH		16.50000		1,980.00
0144	641.8100 Overhead Sign Support (structure) 01. S-32-69	LS		LUMP SUM		18,000.00



Proposal Estimate

Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0146	641.8100 Overhead Sign Support (structure) 02. S-32-70	LS		LUMP SUM	27,500.00	
0148	641.8100 Overhead Sign Support (structure) 03. S-32-71	LS		LUMP SUM	27,500.00	
0150	642.5001 Field Office Type B	1.000 EACH		12,000.00000	12,000.00	
0152	643.0300 Traffic Control Drums	24,193.000 DAY		0.40000	9,677.20	
0154	643.0410 Traffic Control Barricades Type II	108.000 DAY		1.25000	135.00	
0156	643.0420 Traffic Control Barricades Type III	2,076.000 DAY		1.10000	2,283.60	
0158	643.0705 Traffic Control Warning Lights Type A	3,178.000 DAY		0.25000	794.50	
0160	643.0715 Traffic Control Warning Lights Type C	1,186.000 DAY		0.35000	415.10	
0162	643.0800 Traffic Control Arrow Boards	55.000 DAY		25.00000	1,375.00	
0164	643.0900 Traffic Control Signs	4,761.000 DAY		0.85000	4,046.85	
0166	643.0910 Traffic Control Covering Signs Type I	10.000 EACH		350.00000	3,500.00	
0168	643.0920 Traffic Control Covering Signs Type II	44.000 EACH		32.00000	1,408.00	



Proposal Estimate

Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0170	643.1000 Traffic Control Signs Fixed Message	10.000 SF		25.00000		250.00
0172	643.1050 Traffic Control Signs PCMS	10.000 DAY		35.50000		355.00
0174	643.5000 Traffic Control	1.000 EACH		30,000.00000		30,000.00
0176	644.1420.S Temporary Pedestrian Surface Plywood	1,260.000 SF		4.50000		5,670.00
0178	644.1601.S Temporary Curb Ramp	6.000 EACH		600.00000		3,600.00
0180	646.1005 Marking Line Paint 4-Inch	430.000 LF		0.11000		47.30
0182	646.1020 Marking Line Epoxy 4-Inch	685.000 LF		0.50000		342.50
0184	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	54,200.000 LF		1.65000		89,430.00
0186	646.1041.S Marking Replace Wet Reflective Epoxy 4-Inch	751.000 LF		1.25000		938.75
0188	646.3020 Marking Line Epoxy 8-Inch	875.000 LF		1.15000		1,006.25
0190	646.3040 Marking Line Grooved Wet Ref Epoxy 8-Inch	15,293.000 LF		2.50000		38,232.50
0192	646.3041.S Marking Replace Wet Reflective Epoxy 8-Inch	97.000 LF		2.75000		266.75



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001

Contract Items

\$4,611,986.57

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0194	646.4505 Marking Line Same Day Paint 4-Inch	6,053.000 LF		2.00000	12,106.00	
0196	646.4605 Marking Line Same Day Paint 8-Inch	14,072.000 LF		2.50000	35,180.00	
0198	646.5020 Marking Arrow Epoxy	75.000 EACH		165.00000	12,375.00	
0200	646.5120 Marking Word Epoxy	26.000 EACH		205.00000	5,330.00	
0202	646.6120 Marking Stop Line Epoxy 18-Inch	840.000 LF		8.80000	7,392.00	
0204	646.7120 Marking Diagonal Epoxy 12-Inch	571.000 LF		7.75000	4,425.25	
0206	646.7220 Marking Chevron Epoxy 24-Inch	420.000 LF		10.50000	4,410.00	
0208	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	524.000 LF		7.50000	3,930.00	
0210	646.8120 Marking Curb Epoxy	824.000 LF		6.00000	4,944.00	
0212	646.8220 Marking Island Nose Epoxy	12.000 EACH		115.00000	1,380.00	
0214	646.9300 Marking Removal Special Marking	9.000 EACH		125.00000	1,125.00	
0216	649.0105 Temporary Marking Line Paint 4-Inch	2,810.000 LF		0.50000	1,405.00	



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001

Contract Items

\$4,611,986.57

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0218	649.0150 Temporary Marking Line Removable Tape 4-Inch	3,304.000 LF		0.95000		3,138.80
0220	649.0205 Temporary Marking Line Paint 8-Inch	6,524.000 LF		0.40000		2,609.60
0222	649.0250 Temporary Marking Line Removable Tape 8-Inch	588.000 LF		1.75000		1,029.00
0224	649.0505 Temporary Marking Arrow Paint	2.000 EACH		45.00000		90.00
0226	649.0805 Temporary Marking Stop Line Paint 18- Inch	10.000 LF		10.00000		100.00
0228	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	80.000 LF		5.30000		424.00
0230	649.0960 Temporary Marking Removable Mask Out Tape 6-Inch	799.000 LF		2.45000		1,957.55
0232	650.4500 Construction Staking Subgrade	1,060.000 LF		0.20000		212.00
0234	650.7000 Construction Staking Concrete Pavement	1,060.000 LF		2.10000		2,226.00
0236	650.8000 Construction Staking Resurfacing Reference	21,174.000 LF		0.12000		2,540.88
0238	650.8500 Construction Staking Electrical Installations (project) 01. 1070-04-75	LS		LUMP SUM		2,500.00



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0240	650.9000 Construction Staking Curb Ramps	4.000 EACH		135.00000		540.00
0242	650.9910 Construction Staking Supplemental Control (project) 01. 1070-04-75	LS		LUMP SUM		800.00
0244	650.9920 Construction Staking Slope Stakes	1,933.000 LF		1.15000		2,222.95
0246	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	4,847.000 LF		4.75000		23,023.25
0248	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,464.000 LF		6.00000		8,784.00
0250	652.0615 Conduit Special 3-Inch	4,894.000 LF		20.00000		97,880.00
0252	652.0800 Conduit Loop Detector	1,562.000 LF		4.25000		6,638.50
0254	653.0164 Pull Boxes Non-Conductive 24x42-Inch	78.000 EACH		1,100.00000		85,800.00
0256	653.0900 Adjusting Pull Boxes	9.000 EACH		200.00000		1,800.00
0258	653.0905 Removing Pull Boxes	69.000 EACH		100.00000		6,900.00
0260	654.0101 Concrete Bases Type 1	9.000 EACH		600.00000		5,400.00
0262	654.0110 Concrete Bases Type 10	3.000 EACH		3,800.00000		11,400.00



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0264	654.0113 Concrete Bases Type 13	2.000 EACH	7,000.00000		14,000.00	
0266	654.0217 Concrete Control Cabinet Bases Type 9 Special	5.000 EACH	1,400.00000		7,000.00	
0268	655.0210 Cable Traffic Signal 3-14 AWG	30.000 LF	1.00000		30.00	
0270	655.0230 Cable Traffic Signal 5-14 AWG	2,195.000 LF	1.15000		2,524.25	
0272	655.0240 Cable Traffic Signal 7-14 AWG	8,951.000 LF	1.35000		12,083.85	
0274	655.0260 Cable Traffic Signal 12-14 AWG	4,764.000 LF	1.85000		8,813.40	
0276	655.0305 Cable Type UF 2-12 AWG Grounded	5,598.000 LF	1.25000		6,997.50	
0278	655.0610 Electrical Wire Lighting 12 AWG	1,650.000 LF	0.60000		990.00	
0280	655.0700 Loop Detector Lead In Cable	13,888.000 LF	1.10000		15,276.80	
0282	655.0800 Loop Detector Wire	5,066.000 LF	0.75000		3,799.50	
0284	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. STH 157 & STH 16	LS	LUMP SUM		1,100.00	



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

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SECTION 0001

Contract Items

\$4,611,986.57

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0286	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. STH 157 & CTH PH	LS	LUMP SUM		1,100.00	
0288	656.0200 Electrical Service Meter Breaker Pedestal (location) 03. STH 157 & CTH SS	LS	LUMP SUM		1,100.00	
0290	656.0200 Electrical Service Meter Breaker Pedestal (location) 04. STH 157 & IH 90 EB Ramp	LS	LUMP SUM		1,100.00	
0292	656.0200 Electrical Service Meter Breaker Pedestal (location) 05. STH 157 & IH 90 WB Ramp	LS	LUMP SUM		1,100.00	
0294	657.0100 Pedestal Bases	9.000 EACH	200.00000		1,800.00	
0296	657.0350 Poles Type 10	3.000 EACH	3,700.00000		11,100.00	
0298	657.0360 Poles Type 13	2.000 EACH	8,200.00000		16,400.00	
0300	657.0420 Traffic Signal Standards Aluminum 13-FT	7.000 EACH	420.00000		2,940.00	
0302	657.0425 Traffic Signal Standards Aluminum 15-FT	2.000 EACH	460.00000		920.00	
0304	657.0530 Monotube Arms 30-FT	3.000 EACH	3,500.00000		10,500.00	



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

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SECTION 0001

Contract Items

\$4,611,986.57

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0306	657.0550 Monotube Arms 50-FT	2.000 EACH	12,000.00000		24,000.00	
0308	657.0812 Luminaire Arms Steel 12-FT	11.000 EACH	1,020.00000		11,220.00	
0310	658.0173 Traffic Signal Face 3S 12-Inch	41.000 EACH	400.00000		16,400.00	
0312	658.0174 Traffic Signal Face 4S 12-Inch	7.000 EACH	550.00000		3,850.00	
0314	658.0416 Pedestrian Signal Face 16-Inch	2.000 EACH	300.00000		600.00	
0316	658.0500 Pedestrian Push Buttons	2.000 EACH	285.00000		570.00	
0318	658.5069 Signal Mounting Hardware (location) 01. STH 157 & STH 16	LS	LUMP SUM		3,000.00	
0320	658.5069 Signal Mounting Hardware (location) 02. STH 157 & CTH PH	LS	LUMP SUM		3,000.00	
0322	658.5069 Signal Mounting Hardware (location) 03. STH 157 & CTH SS	LS	LUMP SUM		3,000.00	
0324	658.5069 Signal Mounting Hardware (location) 04. STH 157 & IH 90 EB Ramps	LS	LUMP SUM		3,000.00	
0326	658.5069 Signal Mounting Hardware (location) 05. STH 157 & IH 90 WB Ramps	LS	LUMP SUM		3,000.00	



Proposal Estimate

Proposal ID: C1070-04-75

Project(s): 1070-04-75

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SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0328	659.1125 Luminaires Utility LED C	11.000 EACH		375.00000		4,125.00
0330	661.0200 Temporary Traffic Signals for Intersections (location) 01. STH 157 & CTH SS	LS		LUMP SUM		30,000.00
0332	661.0200 Temporary Traffic Signals for Intersections (location) 02. CTH SS & 12th Ave	LS		LUMP SUM		30,000.00
0334	661.0200 Temporary Traffic Signals for Intersections (location) 03. 12th Ave & Crossing Meadows Dr	LS		LUMP SUM		30,000.00
0336	690.0150 Sawing Asphalt	1,624.000 LF		1.65000		2,679.60
0338	690.0250 Sawing Concrete	26,130.000 LF		2.50000		65,325.00
0340	740.0440 Incentive IRI Ride	15,900.000 DOL		1.00000		15,900.00
0342	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,000.000 HRS		5.00000		5,000.00
0344	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	800.000 HRS		5.00000		4,000.00
0346	SPV.0060 Special 01. Concrete Bases Type 9 & 10 Special	7.000 EACH		7,000.00000		49,000.00



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

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SECTION 0001

Contract Items

\$4,611,986.57

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0348	SPV.0060 Special 02. Type 9 Special Pole	1.000 EACH	4,000.00000		4,000.00	
0350	SPV.0060 Special 03. Type 10 Special Pole	6.000 EACH	5,000.00000		30,000.00	
0352	SPV.0060 Special 04. Type 9 & 10 Special Pole Arm 40-FT	3.000 EACH	5,300.00000		15,900.00	
0354	SPV.0060 Special 05. Type 9 & 10 Special Pole Arm 45-FT	4.000 EACH	6,500.00000		26,000.00	
0356	SPV.0060 Special 06. Removing Traffic Signal Unit	31.000 EACH	200.00000		6,200.00	
0358	SPV.0060 Special 07. Adjusting Concrete Bases	37.000 EACH	100.00000		3,700.00	
0360	SPV.0090 Special 01. Longitudinal Joint Repair	406.000 LF	10.00000		4,060.00	
0362	SPV.0090 Special 02. Concrete Curb & Cutter 30- Inch Type A SHES	599.000 LF	30.00000		17,970.00	
0364	SPV.0090 Special 02. Concrete Curb & Gutter 30- Inch Type A SHES	224.000 LF	30.00000		6,720.00	
0366	SPV.0090 Special 03. Concrete Curb & Gutter 30- Inch Type D SHES	272.000 LF	28.00000		7,616.00	
0368	SPV.0090 Special 04. Concrete Joint & Crack Cleaning	4,606.000 LF	3.00000		13,818.00	



Proposal Estimate

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Proposal ID: C1070-04-75

Project(s): 1070-04-75

Contractor: _____

SECTION 0001 Contract Items \$4,611,986.57

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Estimated Amount	
			Dollars	Cents	Dollars	Cents
0370	SPV.0105 Special 01. Concrete Pavement Joint Layout	LS		LUMP SUM		2,500.00
0372	SPV.0180 Special 01. Concrete Pavement SHES 9-Inch	138.000 SY		155.00000		21,390.00

Estimated Total : \$4,611,986.57

Estimate Of Quantities

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Line	Item	Item Description	Unit	Total	Qty
0002	204.0100	Removing Pavement	SY	67.000	67.000
0004	204.0105	Removing Pavement Butt Joints	SY	6,052.000	6,052.000
0006	204.0109.S	Removing Concrete Surface Partial Depth	SF	529,841.000	529,841.000
0008	204.0110	Removing Asphaltic Surface	SY	1,868.000	1,868.000
0010	204.0115	Removing Asphaltic Surface Butt Joints	SY	37.000	37.000
0012	204.0120	Removing Asphaltic Surface Milling	SY	25,668.000	25,668.000
0014	204.0150	Removing Curb & Gutter	LF	4,876.000	4,876.000
0016	204.0155	Removing Concrete Sidewalk	SY	441.000	441.000
0018	204.0165	Removing Guardrail	LF	1,227.000	1,227.000
0020	204.0180	Removing Delineators and Markers	EACH	6.000	6.000
0022	204.0185	Removing Masonry	CY	86.000	86.000
0024	204.0195	Removing Concrete Bases	EACH	36.000	36.000
0026	205.0100	Excavation Common	CY	5,333.000	5,333.000
0028	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 1070-04-75	LS	1.000	1.000
0030	213.0100	Finishing Roadway (project) 01. 1070-04-75	EACH	1.000	1.000
0032	305.0110	Base Aggregate Dense 3/4-Inch	TON	158.000	158.000
0034	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	4,661.000	4,661.000
0036	305.0500	Shaping Shoulders	STA	63.000	63.000
0038	390.0403	Base Patching Concrete Shes	SY	4,836.000	4,836.000
0040	415.1085	Concrete Pavement HES 8 1/2-Inch	SY	4,480.000	4,480.000
0042	416.0160	Concrete Driveway 6-Inch	SY	110.000	110.000
0044	416.0610	Drilled Tie Bars	EACH	865.000	865.000
0046	416.0620	Drilled Dowel Bars	EACH	1,604.000	1,604.000
0048	416.1725	Concrete Pavement Replacement SHES	SY	2,333.000	2,333.000
0050	455.0605	Tack Coat	GAL	6,166.000	6,166.000
0052	460.2000	Incentive Density HMA Pavement	DOL	5,780.000	5,780.000
0054	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	29,025.000	29,025.000
0056	460.6223	HMA Pavement 3 MT 58-28 S	TON	186.000	186.000
0058	460.6424	HMA Pavement 4 MT 58-28 H	TON	8,691.000	8,691.000
0060	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	114.000	114.000
0062	465.0125	Asphaltic Surface Temporary	TON	177.000	177.000
0064	465.0305	Asphaltic Surface Safety Islands	TON	56.000	56.000
0066	465.0400	Asphaltic Shoulder Rumble Strips	LF	998.000	998.000
0068	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	3,749.000	3,749.000
0070	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	628.000	628.000
0072	601.0600	Concrete Curb Pedestrian	LF	26.000	26.000
0074	602.0405	Concrete Sidewalk 4-Inch	SF	4,016.000	4,016.000
0076	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	40.000	40.000
0078	604.0400	Slope Paving Concrete	SY	108.000	108.000

Estimate Of Quantities

1070-04-75					
Line	Item	Item Description	Unit	Total	Qty
0080	611.8110	Adjusting Manhole Covers	EACH	17.000	17.000
0082	611.8115	Adjusting Inlet Covers	EACH	14.000	14.000
0084	614.2300	MGS Guardrail 3	LF	184.500	184.500
0086	614.2330	MGS Guardrail 3 K	LF	925.500	925.500
0088	614.2610	MGS Guardrail Terminal EAT	EACH	10.000	10.000
0090	614.2620	MGS Guardrail Terminal Type 2	EACH	10.000	10.000
0092	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1070-04-75	EACH	1.000	1.000
0094	619.1000	Mobilization	EACH	1.000	1.000
0096	625.0500	Salvaged Topsoil	SY	4,554.800	4,554.800
0098	628.1504	Silt Fence	LF	2,158.000	2,158.000
0100	628.1905	Mobilizations Erosion Control	EACH	4.000	4.000
0102	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0104	628.2006	Erosion Mat Urban Class I Type A	SY	4,554.800	4,554.800
0106	628.7010	Inlet Protection Type B	EACH	4.000	4.000
0108	628.7015	Inlet Protection Type C	EACH	42.000	42.000
0110	628.7570	Rock Bags	EACH	3.000	3.000
0112	629.0210	Fertilizer Type B	CWT	8.700	8.700
0114	630.0120	Seeding Mixture No. 20	LB	10.700	10.700
0116	630.0140	Seeding Mixture No. 40	LB	79.600	79.600
0118	630.0200	Seeding Temporary	LB	127.400	127.400
0120	633.5400	Markers Median	EACH	6.000	6.000
0122	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	15.000	15.000
0124	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	64.000	64.000
0126	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	49.000	49.000
0128	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	20.000	20.000
0130	634.0814	Posts Tubular Steel 2x2-Inch X 14-FT	EACH	2.000	2.000
0132	634.0818	Posts Tubular Steel 2x2-Inch X 18-FT	EACH	2.000	2.000
0134	637.2210	Signs Type II Reflective H	SF	1,435.700	1,435.700
0136	637.2215	Signs Type II Reflective H Folding	SF	307.100	307.100
0138	637.2230	Signs Type II Reflective F	SF	211.630	211.630
0140	638.2602	Removing Signs Type II	EACH	182.000	182.000
0142	638.3000	Removing Small Sign Supports	EACH	120.000	120.000
0144	641.8100	Overhead Sign Support (structure) 01. S-32-69	LS	1.000	1.000
0146	641.8100	Overhead Sign Support (structure) 02. S-32-70	LS	1.000	1.000
0148	641.8100	Overhead Sign Support (structure) 03. S-32-71	LS	1.000	1.000
0150	642.5001	Field Office Type B	EACH	1.000	1.000
0152	643.0300	Traffic Control Drums	DAY	24,193.000	24,193.000
0154	643.0410	Traffic Control Barricades Type II	DAY	108.000	108.000
0156	643.0420	Traffic Control Barricades Type III	DAY	2,076.000	2,076.000

Estimate Of Quantities

1070-04-75					
Line	Item	Item Description	Unit	Total	Qty
0158	643.0705	Traffic Control Warning Lights Type A	DAY	3,178.000	3,178.000
0160	643.0715	Traffic Control Warning Lights Type C	DAY	1,186.000	1,186.000
0162	643.0800	Traffic Control Arrow Boards	DAY	55.000	55.000
0164	643.0900	Traffic Control Signs	DAY	4,761.000	4,761.000
0166	643.0910	Traffic Control Covering Signs Type I	EACH	10.000	10.000
0168	643.0920	Traffic Control Covering Signs Type II	EACH	44.000	44.000
0170	643.1000	Traffic Control Signs Fixed Message	SF	10.000	10.000
0172	643.1050	Traffic Control Signs PCMS	DAY	10.000	10.000
0174	643.5000	Traffic Control	EACH	1.000	1.000
0176	644.1420.S	Temporary Pedestrian Surface Plywood	SF	1,260.000	1,260.000
0178	644.1601.S	Temporary Curb Ramp	EACH	6.000	6.000
0180	646.1005	Marking Line Paint 4-Inch	LF	430.000	430.000
0182	646.1020	Marking Line Epoxy 4-Inch	LF	685.000	685.000
0184	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	54,200.000	54,200.000
0186	646.1041.S	Marking Replace Wet Reflective Epoxy 4-Inch	LF	751.000	751.000
0188	646.3020	Marking Line Epoxy 8-Inch	LF	875.000	875.000
0190	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	15,293.000	15,293.000
0192	646.3041.S	Marking Replace Wet Reflective Epoxy 8-Inch	LF	97.000	97.000
0194	646.4505	Marking Line Same Day Paint 4-Inch	LF	6,053.000	6,053.000
0196	646.4605	Marking Line Same Day Paint 8-Inch	LF	14,072.000	14,072.000
0198	646.5020	Marking Arrow Epoxy	EACH	75.000	75.000
0200	646.5120	Marking Word Epoxy	EACH	26.000	26.000
0202	646.6120	Marking Stop Line Epoxy 18-Inch	LF	840.000	840.000
0204	646.7120	Marking Diagonal Epoxy 12-Inch	LF	571.000	571.000
0206	646.7220	Marking Chevron Epoxy 24-Inch	LF	420.000	420.000
0208	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	524.000	524.000
0210	646.8120	Marking Curb Epoxy	LF	824.000	824.000
0212	646.8220	Marking Island Nose Epoxy	EACH	12.000	12.000
0214	646.9300	Marking Removal Special Marking	EACH	9.000	9.000
0216	649.0105	Temporary Marking Line Paint 4-Inch	LF	2,810.000	2,810.000
0218	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	3,304.000	3,304.000
0220	649.0205	Temporary Marking Line Paint 8-Inch	LF	6,524.000	6,524.000
0222	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	588.000	588.000
0224	649.0505	Temporary Marking Arrow Paint	EACH	2.000	2.000
0226	649.0805	Temporary Marking Stop Line Paint 18-Inch	LF	10.000	10.000
0228	649.0850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	80.000	80.000
0230	649.0960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	799.000	799.000
0232	650.4500	Construction Staking Subgrade	LF	1,060.000	1,060.000
0234	650.7000	Construction Staking Concrete Pavement	LF	1,060.000	1,060.000
0236	650.8000	Construction Staking Resurfacing Reference	LF	21,174.000	21,174.000

Estimate Of Quantities

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Line	Item	Item Description	Unit	Total	Qty
0238	650.8500	Construction Staking Electrical Installations (project) 01. 1070-04-75	LS	1.000	1.000
0240	650.9000	Construction Staking Curb Ramps	EACH	4.000	4.000
0242	650.9910	Construction Staking Supplemental Control (project) 01. 1070-04-75	LS	1.000	1.000
0244	650.9920	Construction Staking Slope Stakes	LF	1,933.000	1,933.000
0246	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	4,847.000	4,847.000
0248	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	1,464.000	1,464.000
0250	652.0615	Conduit Special 3-Inch	LF	4,894.000	4,894.000
0252	652.0800	Conduit Loop Detector	LF	1,562.000	1,562.000
0254	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	78.000	78.000
0256	653.0900	Adjusting Pull Boxes	EACH	9.000	9.000
0258	653.0905	Removing Pull Boxes	EACH	69.000	69.000
0260	654.0101	Concrete Bases Type 1	EACH	9.000	9.000
0262	654.0110	Concrete Bases Type 10	EACH	3.000	3.000
0264	654.0113	Concrete Bases Type 13	EACH	2.000	2.000
0266	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	5.000	5.000
0268	655.0210	Cable Traffic Signal 3-14 AWG	LF	30.000	30.000
0270	655.0230	Cable Traffic Signal 5-14 AWG	LF	2,195.000	2,195.000
0272	655.0240	Cable Traffic Signal 7-14 AWG	LF	8,951.000	8,951.000
0274	655.0260	Cable Traffic Signal 12-14 AWG	LF	4,764.000	4,764.000
0276	655.0305	Cable Type UF 2-12 AWG Grounded	LF	5,598.000	5,598.000
0278	655.0610	Electrical Wire Lighting 12 AWG	LF	1,650.000	1,650.000
0280	655.0700	Loop Detector Lead In Cable	LF	13,888.000	13,888.000
0282	655.0800	Loop Detector Wire	LF	5,066.000	5,066.000
0284	656.0200	Electrical Service Meter Breaker Pedestal (location) 01. STH 157 & STH 16	LS	1.000	1.000
0286	656.0200	Electrical Service Meter Breaker Pedestal (location) 02. STH 157 & CTH PH	LS	1.000	1.000
0288	656.0200	Electrical Service Meter Breaker Pedestal (location) 03. STH 157 & CTH SS	LS	1.000	1.000
0290	656.0200	Electrical Service Meter Breaker Pedestal (location) 04. STH 157 & IH 90 EB Ramp	LS	1.000	1.000
0292	656.0200	Electrical Service Meter Breaker Pedestal (location) 05. STH 157 & IH 90 WB Ramp	LS	1.000	1.000
0294	657.0100	Pedestal Bases	EACH	9.000	9.000
0296	657.0350	Poles Type 10	EACH	3.000	3.000
0298	657.0360	Poles Type 13	EACH	2.000	2.000
0300	657.0420	Traffic Signal Standards Aluminum 13-FT	EACH	7.000	7.000
0302	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	2.000	2.000
0304	657.0530	Monotube Arms 30-FT	EACH	3.000	3.000

Estimate Of Quantities

1070-04-75					
Line	Item	Item Description	Unit	Total	Qty
0306	657.0550	Monotube Arms 50-FT	EACH	2.000	2.000
0308	657.0812	Luminaire Arms Steel 12-FT	EACH	11.000	11.000
0310	658.0173	Traffic Signal Face 3S 12-Inch	EACH	41.000	41.000
0312	658.0174	Traffic Signal Face 4S 12-Inch	EACH	7.000	7.000
0314	658.0416	Pedestrian Signal Face 16-Inch	EACH	2.000	2.000
0316	658.0500	Pedestrian Push Buttons	EACH	2.000	2.000
0318	658.5069	Signal Mounting Hardware (location) 01. STH 157 & STH 16	LS	1.000	1.000
0320	658.5069	Signal Mounting Hardware (location) 02. STH 157 & CTH PH	LS	1.000	1.000
0322	658.5069	Signal Mounting Hardware (location) 03. STH 157 & CTH SS	LS	1.000	1.000
0324	658.5069	Signal Mounting Hardware (location) 04. STH 157 & IH 90 EB Ramps	LS	1.000	1.000
0326	658.5069	Signal Mounting Hardware (location) 05. STH 157 & IH 90 WB Ramps	LS	1.000	1.000
0328	659.1125	Luminaires Utility LED C	EACH	11.000	11.000
0330	661.0200	Temporary Traffic Signals for Intersections (location) 01. STH 157 & CTH SS	LS	1.000	1.000
0332	661.0200	Temporary Traffic Signals for Intersections (location) 02. CTH SS & 12th Ave	LS	1.000	1.000
0334	661.0200	Temporary Traffic Signals for Intersections (location) 03. 12th Ave & Crossing Meadows Dr	LS	1.000	1.000
0336	690.0150	Saving Asphalt	LF	1,624.000	1,624.000
0338	690.0250	Saving Concrete	LF	26,130.000	26,130.000
0340	740.0440	Incentive IRI Ride	DOL	15,900.000	15,900.000
0342	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	1,000.000	1,000.000
0344	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	800.000	800.000
0346	SPV.0060	Special 01. Concrete Bases Type 9 & 10 Special	EACH	7.000	7.000
0348	SPV.0060	Special 02. Type 9 Special Pole	EACH	1.000	1.000
0350	SPV.0060	Special 03. Type 10 Special Pole	EACH	6.000	6.000
0352	SPV.0060	Special 04. Type 9 & 10 Special Pole Arm 40-FT	EACH	3.000	3.000
0354	SPV.0060	Special 05. Type 9 & 10 Special Pole Arm 45-FT	EACH	4.000	4.000
0356	SPV.0060	Special 06. Removing Traffic Signal Unit	EACH	31.000	31.000
0358	SPV.0060	Special 07. Adjusting Concrete Bases	EACH	37.000	37.000
0360	SPV.0090	Special 01. Longitudinal Joint Repair	LF	406.000	406.000
0362	SPV.0090	Special 02. Concrete Curb & Cutter 30-Inch Type A SHES	LF	599.000	599.000
0364	SPV.0090	Special 02. Concrete Curb & Gutter 30-Inch Type A SHES	LF	224.000	224.000
0366	SPV.0090	Special 03. Concrete Curb & Gutter 30-Inch Type D SHES	LF	272.000	272.000

Estimate Of Quantities

1070-04-75					
Line	Item	Item Description	Unit	Total	Qty
0368	SPV.0090	Special 04. Concrete Joint & Crack Cleaning	LF	4,606.000	4,606.000
0370	SPV.0105	Special 01. Concrete Pavement Joint Layout	LS	1.000	1.000
0372	SPV.0180	Special 01. Concrete Pavement SHES 9-Inch	SY	138.000	138.000