



**Watson Blvd**

# **Appendix B**

## **Cost Estimates**

January 2024

**Watson Boulevard Complete Streets  
Concept 2 Cost Estimates (Planning Level)**



October 25, 2023

Section Description	Estimated Cost
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Zone 1 - (Hooper Road to Mid-Block Crossing #1) - 2360 LF	\$800,000
Zone 2 - (Mid-Block Crossing #1 to End of Retaining Wall) - 1500 LF	\$4,700,000
Zone 3 - (End of Retaining Wall to Wetland) - 680 LF	\$300,000
Zone 4 - (Wetland Area & Culvert Extension) - 400 LF	\$800,000
Zone 5 - (End of Wetland/Culvert Extention to Mid-Block Crossing #3) - 4720 LF	\$1,900,000
Zone 6 - (Pour House to Wilkins Way) - 500 LF	\$150,000
Zone 7 - (Wilkins Way to Valley Plaza) - 1020 LF	\$500,000
Midblock Crossings (4 locations)	\$300,000

<b>Total</b>	<b>\$9,450,000</b>
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Implementation Phase 1 - Zones 5, 6, & 7 and 3 Midblock Crossings	\$2,775,000
Implementation Phase 2 - Zones 1, 2, 3, & 4 and 1 Midblock Crossing	\$6,675,000

**Watson Boulevard Complete Streets  
Concept 2 Cost Estimates (Planning Level)**



**Zone 1 (Hooper Road to Mid-Block Crossing #1) - 2360 LF**

October 25, 2023

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
<b>Sidewalk + Curb</b>				
5' Wide Concrete Sidewalk (5" avg. depth - to include thicker sidewalk across driveways)	CY	182.1	\$800	\$145,679
Stone Curb, near vertical face (one side of the street)	LF	2360	\$75	\$177,000
Topsoil - 3' on one side (4" depth)	CY	87	\$65	\$5,681
Turf Establishment (seed mix as specified) - assume 3' on one side	SY	787	\$2	\$1,573
Excavation - 11' width (2' pav't repair + .5' curb + 5.5' sidewalk/subbase + 3' topsoil) and 1.5' depth	CY	1442	\$40	\$57,689
Pavement Repair (2' along curb)	SF	4720	\$11	\$51,920
Subbase - under sidewalk + 6" (assume 6" depth)	CY	240	\$80	\$19,230

<b>Striping</b>				
White Epoxy Symbols - sharrows	EA	38	\$90	\$3,420
White Epoxy Stripes (1 ladder crosswalk)	LF	240	\$1	\$240

<b>Bus Loading Area</b>				
5'x8' Bus Loading Area - not in sidewalk/path area (Lump Sum per location)	EA	1.0	\$547	\$547
5'x8' Bus Loading Area - in sidewalk/path area (Lump Sum per location)	EA	1.0	\$458	\$458

**SUB-TOTAL \$463,437**

Basic Work Zone traffic Control (5%)	LS	1		\$23,172
Survey Operations (2%)	LS	1		\$9,269
Erosion and Sediment Control (0.5%)	LS	1		\$2,317
			<b>SUB-TOTAL</b>	<b>\$498,195</b>
Field Change Payment (5%)	LS	1		\$24,910
			<b>SUB-TOTAL</b>	<b>\$523,105</b>
Mobilization (4%)	LS	1		\$20,924
			<b>SUB-TOTAL</b>	<b>\$544,029</b>
Miscellaneous (10%)	LS	1		\$54,403
Contingency (20%)	LS	1		\$108,806
			<b>CONSTRUCTION COST</b>	<b>\$707,238</b>

**CONSTRUCTION INSPECTION (10% OF CONST. COST) \$70,723.77**

**TOTAL \$777,961**  
**SAY \$800,000**

**Watson Boulevard Complete Streets  
Concept 2 Cost Estimates (Planning Level)**



**Zone 2 (Mid-Block Crossing #1 to End of Retaining Wall) - 1500 LF**

October 25, 2023

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
<b>Sidewalk, Curb and Retaining Wall</b>				
5' Wide Concrete Sidewalk (4" avg. depth)	CY	115.7	\$800	\$92,593
Stone Curb, near vertical face (one side of the street)	LF	1500	\$75	\$112,500
Topsoil - assume 3' behind wall (4" depth)	CY	56	\$65	\$3,611
Turf Establishment (seed mix as specified) - assume 3' behind wall	SY	500	\$2	\$1,000
Excavation - 11' width (2' pav't repair + .5' curb + 5.5' sidewalk/subbase + 3' topsoil) and 1.5' depth	CY	917	\$40	\$36,667
Pavement Repair (2' along curb)	SF	3000	\$11	\$33,000
Subbase - under sidewalk + 6" (assume 6" depth)	CY	153	\$80	\$12,222
Retaining Wall - assume 10' average height, tapers at ends	SF	15000	\$150	\$2,250,000

<b>Striping</b>				
White Epoxy Symbols - sharrows	EA	24.0	\$90	\$2,160

<b>Drainage Modifications</b>				
Replace existing catch basins, coonnect to existing closed system	EA	1.0	\$200,000	\$200,000

**SUB-TOTAL** **\$2,743,753**

Basic Work Zone traffic Control (5%)	LS	1		\$137,188
Survey Operations (2%)	LS	1		\$54,875
Erosion and Sediment Control (0.5%)	LS	1		\$13,719
			<b>SUB-TOTAL</b>	<b>\$2,949,534</b>
Field Change Payment (5%)	LS	1		\$147,477
			<b>SUB-TOTAL</b>	<b>\$3,097,011</b>
Mobilization (4%)	LS	1		\$123,880
			<b>SUB-TOTAL</b>	<b>\$3,220,891</b>
Miscellaneous (10%)	LS	1		\$322,089
Contingency (20%)	LS	1		\$644,178
			<b>CONSTRUCTION COST</b>	<b>\$4,187,159</b>

**CONSTRUCTION INSPECTION (10% OF CONST. COST)** \$418,715.85

**TOTAL** **\$4,605,874**  
**SAY** **\$4,700,000**

**Key Assumptions:**

Assume segmented block, cantilever, or gravity wall can be used. No reinforcement or excavation for tie-backs are assumed.  
Average retaining wall height is assumed as 10'. Actual height required to be confirmed during design with survey and geotechnical analysis.

Zone 3 (End of Retaining Wall to Wetland) - 680 LF

October 25, 2023

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
<b>Shared Use Path + Snow Storage</b>				
Asphalt shared use path (10' wide, 4" depth)	TON	175.7	\$500	\$87,833
Topsoil - 5' snow storage and 2' behind/graded area (4" depth)	CY	59	\$65	\$3,820
Turf Establishment (seed mix as specified) - assume 7'	SY	529	\$2	\$1,058
Excavation - assume 17' width (2' pav't repair + 10' path + 5' snow storage) and 1' depth	CY	428	\$40	\$17,126
Pavement Repair (2' along snow storage)	SF	1360	\$11	\$14,960
Subbase - 11.96 SF measured in CAD, 680' length	CY	301	\$80	\$24,097
Embankment - 16.25 SF measured in CAD, 1' depth	CY	409	\$30	\$12,278

<b>Striping</b>				
Yellow Epoxy Stripes - centerline	LF	1360.0	\$1	\$1,360
White Epoxy Stripes - edge lines	LF	1360.0	\$1	\$1,360

**SUB-TOTAL \$163,892**

Basic Work Zone traffic Control (5%)	LS	1		\$8,195
Survey Operations (2%)	LS	1		\$3,278
Erosion and Sediment Control (0.5%)	LS	1		\$819
			<b>SUB-TOTAL</b>	<b>\$176,184</b>
Field Change Payment (5%)	LS	1		\$8,809
			<b>SUB-TOTAL</b>	<b>\$184,993</b>
Mobilization (4%)	LS	1		\$7,400
			<b>SUB-TOTAL</b>	<b>\$192,393</b>
Miscellaneous (10%)	LS	1		\$19,239
Contingency (20%)	LS	1		\$38,479
			<b>CONSTRUCTION COST</b>	<b>\$250,110</b>

**CONSTRUCTION INSPECTION (10% OF CONST. COST) \$25,011.03**

**TOTAL \$275,121**  
**SAY \$300,000**

**Watson Boulevard Complete Streets  
Concept 2 Cost Estimates (Planning Level)**



**Zone 4 (Wetland Area & Culvert Extension) - 400 LF**

October 25, 2023

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
<b>Culvert Extension</b>				
Excavation (Benches, Stripping, Stone Apron, Headwall)	CY	1469.0	\$40	\$58,760
Embankment (Benches, Widening)	CY	4737.8	\$30	\$142,133
Pedestrian and Bicycle Safety Railing (Behind path)	LF	400.0	\$250	\$100,000
Boxbeam guiderail (same tangent length as existing, measured on google earth)	LF	400.0	\$70	\$28,000
Boxbeam guiderail Type III end terminals	EA	2.0	\$7,000	\$14,000
Concrete Collar	EA	1.0	\$2,050	\$2,050
Concrete Pipe-24" (Assume 10' extension collared onto existing pipe)	LF	10.0	\$125	\$1,250
Concrete End Section-24"	EA	1.0	\$4,250	\$4,250
Medium Stone Fill (around end section and up slope to presumed water mark, 2' thickness)	CY	38.0	\$180	\$6,840
Bedding Type II	CY	10.0	\$175	\$1,750
Topsoil (4" over entire undisturbed area not covered by stone)	CY	129.0	\$65	\$8,385
Turf Establishment (seed mix as specified) - assume 2x area of topsoil	SY	1156.0	\$2	\$2,312
Select Granular Fill (around pipe)	CY	9.5	\$85	\$808
Cofferdam Type 2 - (Type 2 assumed, water depth 8' or less, 10 day review)	EA	1.0	\$15,000	\$15,000

**Shared use path, Curb and Pavement Repair**

Subbase (under path to daylight), 12" depth	CY	210.0	\$80	\$16,800
Excavation (Pavement repair, curb)	CY	29.6	\$40	\$1,184
Asphalt (10' shared use path)	TON	2.9	\$500	\$1,473
Pavement Repair - 7' total width (2' into existing travelway and 5' shoulder extension for snow storage)	SF	2800.0	\$11	\$30,800

**Striping**

Yellow Epoxy Stripes - center lines	LF	800.0	\$1	\$800
White Epoxy Stripes - edge lines	LF	800.0	\$1	\$800

**SUB-TOTAL \$437,394**

Basic Work Zone traffic Control (5%)	LS	1	\$21,870
Survey Operations (2%)	LS	1	\$8,748
Erosion and Sediment Control (0.5%)	LS	1	\$2,187
			<b>SUB-TOTAL \$470,199</b>
Field Change Payment (5%)	LS	1	\$23,510
			<b>SUB-TOTAL \$493,709</b>
Mobilization (4%)	LS	1	\$19,748
			<b>SUB-TOTAL \$513,457</b>
Miscellaneous (10%)	LS	1	\$51,346
Contingency (20%)	LS	1	\$102,691
			<b>CONSTRUCTION COST \$667,494</b>

**CONSTRUCTION INSPECTION (10% OF CONST. COST) \$66,749.44**

**TOTAL \$734,244**  
**SAY \$800,000**

**Key Assumptions:**

Existing 24" concrete pipe can be extended, does not require replacement below roadway. Survey and Inspection to be done during detailed design.  
Assumed dewatering will not exceed 8' depth.  
Cost of wetland permitting, including submittal package and fees, is not included.

**Watson Boulevard Complete Streets  
Concept 2 Cost Estimates (Planning Level)**



**Zone 5 (End of Wetland/Culvert Extension to Mid-Block Crossing #3) - 4720 LF**

October 25, 2023

Approximately from Country Club Road to Pour House

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
<b>Shared Use Path and Snow Storage - 4590 LF (total except 130' flood gate section - path on existing pavement)</b>				
Asphalt shared use path (10' wide, 4" depth)	TON	1185.8	\$500	\$592,875
Topsoil - 5' snow storage and 2' behind/graded area (4" depth)	CY	397	\$65	\$25,783
Turf Establishment (seed mix as specified) - assume 7'	SY	3570	\$2	\$7,140
Excavation - assume 17' width (2' pav't repair + 10' path + 5' snow storage) and 1' depth	CY	2890	\$40	\$115,600
Pavement Repair (2' along snow storage)	SF	9180	\$11	\$100,980
Subbase - 11.96 SF measured in CAD, 680' length	CY	2033	\$80	\$162,656
Embankment - 16.25 SF measured in CAD, 1' depth	CY	2763	\$30	\$82,875

<b>Striping</b>				
Yellow Epoxy Stripes - centerline	LF	9440	\$1	\$9,440
White Epoxy Stripes - edge lines	LF	9440	\$1	\$9,440
Removal of Epoxy Stripes (Yellow Epoxy length + 200' white stripe at flood gate)	LF	9640	\$2	\$19,280
White Epoxy Stripes (4 ladder crosswalks and white solid/hatched at flood gate)	LF	2156	\$1	\$2,156

<b>Bus Loading Area</b>				
5'x8' Bus Loading Area - not in sidewalk/path area (Lump Sum per location)	EA	2.0	\$547	\$1,094
5'x8' Bus Loading Area - in sidewalk/path area (Lump Sum per location)	EA	4.0	\$458	\$1,832

<b>SUB-TOTAL</b>	<b>\$1,129,319</b>
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Basic Work Zone traffic Control (5%)	LS	1	\$56,466
Survey Operations (2%)	LS	1	\$22,586
Erosion and Sediment Control (0.5%)	LS	1	\$5,647
			<b>SUB-TOTAL</b>
			<b>\$1,214,018</b>
Field Change Payment (5%)	LS	1	\$60,701
			<b>SUB-TOTAL</b>
			<b>\$1,274,719</b>
Mobilization (4%)	LS	1	\$50,989
			<b>SUB-TOTAL</b>
			<b>\$1,325,708</b>
Miscellaneous (10%)	LS	1	\$132,571
Contingency (20%)	LS	1	\$265,142
			<b>CONSTRUCTION COST</b>
			<b>\$1,723,420</b>

**CONSTRUCTION INSPECTION (10% OF CONST. COST) \$172,342.00**

<b>TOTAL</b>	<b>\$1,895,762</b>
<b>SAY</b>	<b>\$1,900,000</b>

**Watson Boulevard Complete Streets  
Concept 2 Cost Estimates (Planning Level)**



**Zone 6 (Pour House to Wilkins Way) - 500 LF**

October 25, 2023

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
<b>Northern Sidewalk + Snow Storage (no curb) - Approx. 500 LF</b>				
5' Wide Concrete Sidewalk (4" depth)	CY	30.9	\$800	\$24,691
Topsoil - 6' total (3' snow storage and 3' behind) (4" depth)	CY	37	\$65	\$2,407
Turf Establishment (seed mix as specified) - assume 6'	SY	333	\$2	\$667
Excavation - assume 14' width (2' pav't repair + 6' sidewalk/subbase + 6' topsoil) and 1' depth	CY	259	\$40	\$10,370
Pavement Repair (2' along snow storage)	SF	1000	\$11	\$11,000
Subbase - under sidewalk + 1' (assume 6" depth)	CY	56	\$80	\$4,444

<b>Southern Sidewalk + Curb - Approx. 50 LF</b>				
5' Wide Concrete Sidewalk (4" avg. depth)	CY	3.1	\$800	\$2,469
Stone Curb, near vertical face (one side of the street)	LF	50	\$75	\$3,750
Topsoil - 3' behind (4" depth)	CY	2	\$65	\$120
Turf Establishment (seed mix as specified) - assume 3' on one side	SY	17	\$2	\$33
Excavation - assume 11' width (2' pav't repair + .5' curb + 5.5' sidewalk/subbase + 3' topsoil) and 1.5' depth	CY	31	\$40	\$1,222
Pavement Repair (2' along snow storage)	SF	100	\$11	\$1,100
Subbase - under sidewalk + 6" (assume 6" depth)	CY	5	\$80	\$407

<b>Striping</b>				
White Epoxy Symbols - sharrows	EA	8.0	\$90	\$720
Yellow Epoxy Stripes - centerline	LF	1000	\$1	\$1,000

<b>Bus Loading Area</b>				
5'x8' Bus Loading Area - in sidewalk/path area (Lump Sum per location)	LS	1.0	\$458	\$458

			<b>SUB-TOTAL</b>	<b>\$64,861</b>
Basic Work Zone traffic Control (5%)	LS	1		\$3,243
Survey Operations (2%)	LS	1		\$1,297
Erosion and Sediment Control (0.5%)	LS	1		\$324
			<b>SUB-TOTAL</b>	<b>\$69,725</b>
Field Change Payment (5%)	LS	1		\$3,486
			<b>SUB-TOTAL</b>	<b>\$73,212</b>
Mobilization (4%)	LS	1		\$2,928
			<b>SUB-TOTAL</b>	<b>\$76,140</b>
Miscellaneous (10%)	LS	1		\$7,614
Contingency (20%)	LS	1		\$15,228
			<b>CONSTRUCTION COST</b>	<b>\$98,982</b>

**CONSTRUCTION INSPECTION (10% OF CONST. COST) \$9,898.20**

<b>TOTAL</b>	<b>\$108,880</b>
<b>SAY</b>	<b>\$150,000</b>



**Watson Boulevard Complete Streets  
Concept 2 Cost Estimates (Planning Level)**



**Zone 7 (Wilkins Way to Valley Plaza) - 1020 LF**

October 25, 2023

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
<b>NW Sidewalk and Curb - 745 LF</b>				
5' Wide Concrete Sidewalk (4" depth)	CY	46.0	\$800	\$36,790
Stone Curb, near vertical face (one side of the street)	LF	745	\$75	\$55,875
Topsoil - 3' on one side (4" depth)	CY	28	\$65	\$1,794
Turf Establishment (seed mix as specified) - assume 3' on one side	SY	248	\$2	\$497
Excavation - assume 11' width (2' pav't repair + .5' curb + 5.5' sidewalk/subbase + 3' topsoil) and 1.5' depth	CY	455	\$40	\$18,211
Pavement Repair (2' along curb)	SF	1490	\$11	\$16,390
Subbase - under sidewalk + 6" (assume 6" depth)	CY	76	\$80	\$6,070

<b>SW Valley Plaza Sidewalk and Curb (excluding Mid-Block Crossing #3) - 55 LF</b>				
5' Wide Concrete Sidewalk (4" depth)	CY	3.4	\$800	\$2,716
Stone Curb, near vertical face (one side of the street)	LF	55	\$75	\$4,125
Topsoil - 3' on one side (4" depth)	CY	2	\$65	\$132
Turf Establishment (seed mix as specified) - assume 3' on one side	SY	18	\$2	\$37
Excavation - assume 11' width (2' pav't repair + .5' curb + 5.5' sidewalk/subbase + 3' topsoil) and 1.5' depth	CY	34	\$40	\$1,344
Pavement Repair (2' along curb)	SF	110	\$11	\$1,210
Subbase - under sidewalk + 6" (assume 6" depth)	CY	6	\$80	\$448

<b>SE Valley Plaza Sidewalk and Curb (Valley Plaza to Church Driveway) - 125 LF</b>				
5' Wide Concrete Sidewalk (4" depth)	CY	7.7	\$800	\$6,173
Stone Curb, near vertical face (one side of the street)	LF	125	\$75	\$9,375
Topsoil - 3' on one side (4" depth)	CY	5	\$65	\$301
Turf Establishment (seed mix as specified) - assume 3' on one side	SY	42	\$2	\$83
Excavation - assume 11' width (2' pav't repair + .5' curb + 5.5' sidewalk/subbase + 3' topsoil) and 1.5' depth	CY	76	\$40	\$3,056
Pavement Repair (2' along curb)	SF	250	\$11	\$2,750
Subbase - under sidewalk + 6" (assume 6" depth)	CY	13	\$80	\$1,019

<b>Striping</b>				
White Epoxy Symbols - sharrows	EA	12.0	\$90	\$1,080
Yellow Epoxy Stripes - centerline	LF	2040	\$1	\$2,040
White Epoxy Stripes (Crosswalk at Valley Plaza)	LF	1260	\$1	\$1,260
Removal of Epoxy Stripes (Yellow Epoxy length)	LF	2040	\$2	\$4,080

<b>Drainage Modifications</b>				
Sidewalk Curb Drains and Erosion Protection	LS	1.0	\$100,000	\$100,000

<b>Bus Loading Area</b>				
5'x8' Bus Loading Area - not in sidewalk/path area (Lump Sum per location)	EA	1.0	\$547	\$547
5'x8' Bus Loading Area - in sidewalk/path area (Lump Sum per location)	EA	1.0	\$458	\$458

			<b>SUB-TOTAL</b>	<b>\$277,861</b>
Basic Work Zone traffic Control (5%)	LS	1	\$13,893	
Survey Operations (2%)	LS	1	\$5,557	
Erosion and Sediment Control (0.5%)	LS	1	\$1,389	
			<b>SUB-TOTAL</b>	<b>\$298,700</b>
Field Change Payment (5%)	LS	1	\$14,935	
			<b>SUB-TOTAL</b>	<b>\$313,635</b>
Mobilization (4%)	LS	1	\$12,545	
			<b>SUB-TOTAL</b>	<b>\$326,181</b>

**Zone 7 (Wilkins Way to Valley Plaza) - 1020 LF**

October 25, 2023

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
Miscellaneous (10%)	LS	1		\$32,618
Contingency (20%)	LS	1		\$65,236
<b>CONSTRUCTION COST</b>				<b>\$424,035</b>

**CONSTRUCTION INSPECTION (10% OF CONST. COST)      \$42,403.47**

<b>TOTAL</b>	<b>\$466,438</b>
<b>SAY</b>	<b>\$500,000</b>

**Key Assumptions:**

Does not include costs for any permitting, including submittal package and fees, that may be required for construction near the levee.  
Assume existing guiderail to remain.

**Mid-Block Crossings - Lump Sum**

October 25, 2023

Item Description	Unit	Quantity	Unit Price (2023 \$)	Cost
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**Mid-Block Crossing #1 - east of Groveland Avenue**

Crosswalk Striping ( avg. 26' roadway, equiv. 4" striped - STD sheet 685-01, Type LS Crosswalk)	LF	500.0	\$1	\$500
Accessible Curb Ramps (250 SF per location - assuming 3.1 CY conc., 5.3 CY subbase, and 8.4 CY exc.)	CY	16.8	\$1,000	\$16,800
Rectangular Rapid Flashing Beacon Assembly (solar recommended, cost per site)	EA	1	\$20,000	\$20,000

**Mid-Block Crossing #2 - near Country Club Road**

Crosswalk Striping ( avg. 26' roadway, equiv. 4" striped - STD sheet 685-01, Type LS Crosswalk)	LF	500.0	\$1	\$500
Accessible Curb Ramps (250 SF per location - assuming 3.1 CY conc., 5.3 CY subbase, and 8.4 CY exc.)	CY	16.8	\$1,000	\$16,800
Rectangular Rapid Flashing Beacon Assembly (solar recommended, cost per site)	EA	1	\$20,000	\$20,000

**Mid-Block Crossing #3 - near Pour House**

Crosswalk Striping ( avg. 26' roadway, equiv. 4" striped - STD sheet 685-01, Type LS Crosswalk)	LF	500.0	\$1	\$500
Accessible Curb Ramps (250 SF per location - assuming 3.1 CY conc., 5.3 CY subbase, and 8.4 CY exc.)	CY	16.8	\$1,000	\$16,800
Rectangular Rapid Flashing Beacon Assembly (solar recommended, cost per site)	EA	1	\$20,000	\$20,000

**Mid-Block Crossing #4 - west of Valley Plaza**

Crosswalk Striping ( avg. 26' roadway, equiv. 4" striped - STD sheet 685-01, Type LS Crosswalk)	LF	500.0	\$1	\$500
Accessible Curb Ramps (250 SF per location - assuming 3.1 CY conc., 5.3 CY subbase, and 8.4 CY exc.)	CY	16.8	\$1,000	\$16,800
Rectangular Rapid Flashing Beacon Assembly (solar recommended, cost per site)	EA	1	\$20,000	\$20,000

**SUB-TOTAL(ALL) \$149,200**

Basic Work Zone traffic Control (5%)	LS	1		\$7,460
Survey Operations (2%)	LS	1		\$2,984
Erosion and Sediment Control (0.5%)	LS	1		\$746
			<b>SUB-TOTAL</b>	<b>\$160,390</b>
Field Change Payment (5%)	LS	1		\$8,020
			<b>SUB-TOTAL</b>	<b>\$168,410</b>
Mobilization (4%)	LS	1		\$6,736
			<b>SUB-TOTAL</b>	<b>\$175,146</b>
Miscellaneous (10%)	LS	1		\$17,515
Contingency (20%)	LS	1		\$35,029
			<b>CONSTRUCTION COST</b>	<b>\$227,690</b>

**CONSTRUCTION INSPECTION (10% OF CONST. COST) \$22,768.96**

**TOTAL \$250,459**

**SAY \$300,000**

Subtotal PER Crossing	\$37,300
Total PER Crossing	\$62,615
SAY Per Crossing	\$75,000