

**Engineers Opinion of Probable Cost  
SOMERS AVENUE RECONSTRUCTION PROJECT  
Revised 12/20/17 by BMT**



**SUMMARY OF PROJECT COSTS**

**Construction Costs**

Base Bid	\$1,783,000.00	Estimated
Owner Supplied Street Lights & Piers	\$30,000.00	Estimated
<b>Subtotal =</b>	<b>\$1,813,000.00</b>	

**Professional Fees**

Task Order No. 1 - Project Management	\$8,800.00	Ongoing
Task Order No. 2 - Verification Survey	\$4,000.00	Complete
Task Order No. 3 - Preliminary Engineering	\$29,500.00	Complete
Task Order No. 4 - Public Outreach	\$14,300.00	Ongoing
Task Order No. 5 - Design Phase	\$116,200.00	Ongoing
Task Order No. 6 - Pick-Up Surveys	\$6,363.06	Complete - NO TASK ORDER SIGNED
Task Order No. 7 - Bid to Award Phase	\$12,300.00	Estimated
Task Order No. 8 - Construction Phase	\$90,000.00	Estimated
Task Order No. 9 - Post Construction Phase	\$12,900.00	Estimated
<b>Subtotal =</b>	<b>\$294,363.06</b>	

<b>Total Project Costs</b>	<b>\$2,107,363.06</b>
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Robert Peccia & Associates, Inc.  
825 Custer Avenue \* Helena \* Montana \* (406) 447-5000  
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Item No.	Quantity	Unit	Unit Description	Engineer's Estimate	
				Unit Price (Figures)	Total Price (Figures)
<b>Base Bid</b>					
1	2.9	ACRE	Site Preparation	\$8,000.00	\$23,200.00
2	40	EA	Tree and Stump Removal (6" DBH and Larger)	\$500.00	\$20,000.00
3	1	LS	Excavation and Embankment	\$100,000.00	\$100,000.00
4	40	HOUR	Exploratory Excavation	\$250.00	\$10,000.00
5	1,000	TON	Sub-Excavation and Stabilization	\$22.00	\$22,000.00
6	9,850	SY	Stabilization Fabric	\$1.50	\$14,775.00
7	2,750	CY	Crushed Base Course - 1-1/2" Minus (10" Thick)	\$30.00	\$82,500.00
8	1,100	CY	Crushed Base Course - 3/4" Minus (4" Thick)	\$38.00	\$41,800.00
9	1.7	TON	Asphalt Tack Coat (Undiluted, SS-1)	\$1,000.00	\$1,700.00
10	2,075	TON	Asphalt Concrete Pavement (4" Thick)	\$85.00	\$176,375.00
11	4,786	LF	Concrete Curb	\$16.00	\$76,576.00
12	5,900	GAL	Dust Control - Magnesium Chloride (4 Applications at 0.15 gal/SY)	\$1.10	\$6,490.00
13	880	SY	4" Concrete Sidewalk	\$70.00	\$61,600.00
14	600	SY	6" Concrete Driveway	\$75.00	\$45,000.00
15	24	EA	New Sign	\$375.00	\$9,000.00
16	1,065	LF	Epoxy Striping - 8" Solid	\$7.00	\$7,455.00
17	344	LF	Epoxy Striping - 24" Solid	\$16.00	\$5,504.00
18	5	LF	Pipe - Buried: 4" Water Main - C-900 CL150 PVC Pipe	\$50.00	\$250.00
19	10	LF	Pipe - Buried: 6" Water Main - C-900 CL150 PVC Pipe	\$50.00	\$500.00
20	2,348	LF	Pipe - Buried: 8" Water Main - C-900 CL150 PVC Pipe	\$55.00	\$129,140.00
21	20	LF	Pipe - Buried: 12" Water Main - C-900 CL150 PVC Pipe	\$60.00	\$1,200.00
22	10	EA	Gate Valve - 8"	\$2,000.00	\$20,000.00
23	1	EA	Gate Valve - 12"	\$2,800.00	\$2,800.00
24	6	EA	Existing Water Main Connection	\$2,500.00	\$15,000.00
25	79	EA	Water Service - 1" IPS HDPE SDR 7	\$2,000.00	\$158,000.00
26	6	EA	Fire Hydrant Assembly	\$5,500.00	\$33,000.00
27	5	EA	Manhole - 48" Storm Drain Manhole	\$4,000.00	\$20,000.00
28	2	EA	Manhole - 48" Combination Manhole Inlet	\$4,000.00	\$8,000.00
29	22	EA	Inlet - 30" Storm Drain Inlet	\$2,600.00	\$57,200.00
30	644	LF	Pipe - Buried: 8" Storm Drain - SDR 35 PVC Pipe	\$38.00	\$24,472.00
31	206	LF	Pipe - Buried: 12" Storm Drain - SDR 35 PVC Pipe	\$40.00	\$8,240.00
32	4,744	LF	4" Curb Underdrains	\$7.00	\$33,208.00
33	3,458	LF	Pipe - Buried: 6" Sump Pump Collection Pipe	\$15.00	\$51,870.00
34	46	EA	Sump Pump Connection	\$1,200.00	\$55,200.00
35	4,537	LF	Imported Trench Backfill	\$30.00	\$136,110.00
36	2,490	LF	Conduit - 1-1/4" PVC Sch 40	\$5.00	\$12,450.00
37	231	LF	Conduit - 2" HDPE SDR 11 (Directional Drill)	\$50.00	\$11,550.00
38	9	EA	Pull Box - Type I	\$500.00	\$4,500.00
39	15	EA	Street Light Base	\$1,000.00	\$15,000.00
40	1	LS	Electrical Wiring and Misc. Items	\$20,000.00	\$20,000.00
41	400	CY	Imported Topsoil (3" Thick)	\$40.00	\$16,000.00
42	1	LS	Hydroseeding, Fertilizer and Mulch	\$5,000.00	\$5,000.00
43	4	EA	Survey Monument - Asphalt	\$600.00	\$2,400.00
44	90	DAY	Traffic Control - Devices	\$400.00	\$36,000.00
45	30	DAY	Traffic Control - Flaggers	\$800.00	\$24,000.00
46	1	LS	Construction Surveys	\$31,600.00	\$31,600.00
47	1	LS	Material Testing	\$31,600.00	\$31,600.00
48	10	EA	Irrigation Repairs	\$1,000.00	\$10,000.00
49	20,000	EA	Miscellaneous Work	\$1.00	\$20,000.00
50	1	LS	Mobilization, Bonding and Submittals (5% Max)	\$84,900.00	\$84,900.00
<b>TOTAL ESTIMATED CONSTRUCTION COST (ROUNDED):</b>					<b>\$1,783,000.00</b>