

Detailed Project Estimate and Total Project Costs - Cycle 8

Important: Read the Instructions in the first sheet (tab) before entering data. Do not enter data in shaded fields (with formulas).

Project Information:

Agency: <input type="text" value="City of Needles"/>	Date: <input type="text" value="6/3/2026"/>
Project Description: Fill these in	
Project Location: 	
Licensed Engineer in responsible charge of preparing or reviewing this PSR-Equivalent Cost Estimate: 	
License #: 	

Project Estimate and Cost Breakdown:

Project Estimate (for Construction Items Only)						Cost Breakdown					
Item No.	Item	Quantity	Units	Unit Cost	Total Item Cost	ATP Eligible/ ATP Funded Costs		ATP Ineligible and/or Non-ATP Funded Costs		Corps/CCC to Construct	
						%	\$	%	\$	%	\$
General Overhead-Related Construction Items											
1	Mobilization	1	LS	\$352,000.00	\$352,000	100%	\$352,000				
2	Progress Schedule	1	LS	\$70,000.00	\$70,000	100%	\$70,000				
3	Traffic Control	1	LS	\$352,000.00	\$352,000	100%	\$352,000				
4	Stormwater Protection Plan	1	LS	\$141,000.00	\$141,000	100%	\$141,000				
5	Construction Survey/Staking	1	LS	\$176,000.00	\$176,000	100%	\$176,000				
6			LS					100%			
7			LS					100%			
8			LS					100%			
9			LS					100%			
10			LS					100%			
General Construction Items											
11	Thermoplastic Striping (6" White)	42,000	LF	\$6.00	\$252,000	100%	\$252,000				
12	Thermoplastic Striping (12" White)	200	LF	\$13.00	\$2,600	100%	\$2,600				
13	Thermoplastic Striping (Detail 1)	7,400	LF	\$3.00	\$22,200	100%	\$22,200				
14	Thermoplastic Striping (Detail 12)	4,700	LF	\$2.00	\$9,400	100%	\$9,400				
15	Thermoplastic Striping (Detail 22)	11,000	LF	\$3.00	\$33,000	100%	\$33,000				
16	Thermoplastic Striping (Detail 32)	4,000	LF	\$2.00	\$8,000	100%	\$8,000				
17	Green Conflict Striping	6,200	LF	\$60.00	\$372,000	100%	\$372,000				
18	Crosswalk Marking	4,400	SF	\$20.00	\$88,000	100%	\$88,000				
19	Curb and Gutter	2,390	LF	\$80.00	\$191,200	100%	\$191,200				
20	Curb Ramp (includes removal)	43	EA	\$19,000.00	\$817,000	100%	\$817,000				
21	Sidewalk PCC	16,000	SF	\$25.00	\$400,000	100%	\$400,000				
22	RRFB Assembly (Single)	2	EA	\$44,000.00	\$88,000	100%	\$88,000				
23	RRFB Assembly (Dual)	11	EA	\$50,000.00	\$550,000	100%	\$550,000				
24	Demolish Sidewalk	3,500	SF	\$15.00	\$52,500	100%	\$52,500				
25	AC Berm (6' Sections)	510	EA	\$170.00	\$86,700	100%	\$86,700				
26	Slurry Seal (Type 2 with crack sealing)	950,000	SF	\$0.60	\$570,000	100%	\$570,000				
27	Slurry Seal (Type 2)	950,000	SF	\$0.50	\$475,000	100%	\$475,000				
28	AC Pavement Digout and replacement (6")	95,000	SF	\$9.00	\$855,000	100%	\$855,000				
29	Bus Shelter Relocation	4	EA	\$25,000.00	\$100,000	100%	\$100,000				
30	New Bus Shelter Installation	3	EA	\$50,000.00	\$150,000	100%	\$150,000				
31	Furnish and Install Thermoplastic White "STOP" Pavement	12	EA	\$600.00	\$7,200	100%	\$7,200				
32	Furnish and Install Thermoplastic Bike Lane with Arrow Pa	7	EA	\$400.00	\$2,800	100%	\$2,800				
33	Furnish and Install Thermoplastic White Type IV (L) Arrow	19	EA	\$600.00	\$11,400	100%	\$11,400				
34	Furnish and Install Thermoplastic White Type IV (R) Arrow	5	EA	\$600.00	\$3,000	100%	\$3,000				
35	Clearing and Grubbing	28,325	SF	\$20.00	\$566,500	100%	\$566,500				
36	PHB Assembly	1	EA	\$350,000.00	\$350,000	100%	\$350,000				
37	Inlet Relocation	1	EA	\$50,000.00	\$50,000	100%	\$50,000				
38	Furnish and Install Thermoplastic White Yield Triangles	35	EA	\$25.00	\$875	100%	\$875				
39	Concrete Bus Pads	7	EA	\$30,000.00	\$210,000	100%	\$210,000				
40	Delineators	510	EA	\$250.00	\$127,604	100%	\$127,604				
41	Construct 4" AC Pavement	100	TON	\$280.00	\$28,000	100%	\$28,000				
42	Construct 10" Aggregate Base (Class II)	100	TON	\$110.00	\$11,000	100%	\$11,000				
43	Lighting	1	LS	\$500,000.00	\$500,000	100%	\$500,000				
44	Signs	1	LS	\$50,000.00	\$50,000	100%	\$50,000				
45								100%			
46								100%			
47								100%			
48								100%			
49								100%			
50								100%			
51								100%			
52								100%			
Subtotal of Construction Items:					\$8,131,979		\$8,131,979				
Construction Item Contingencies (% of Construction Items):				20.00%	\$1,626,396		\$1,626,396				
Total (Construction Items & Contingencies) cost:					\$9,758,375		\$9,758,375				

Project Delivery Costs:

Type of Project Cost	Cost \$	ATP Eligible and ATP Funded Costs	ATP Ineligible and/or Non-ATP Funded Costs	"PE" costs / "CON" costs
Preliminary Engineering (PE)				
Project Approval and Environmental Document (PA&ED):	732,000	\$732,000		
Plans, Specifications and Estimates (PS&E):	1,220,000	\$1,220,000		
Total PE:	\$ 1,952,000	\$1,952,000		20% 25% Max

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License #:

Right of Way (RW)

Right of Way Engineering:

Acquisitions and Utilities:

Total RW:

\$

-

Total Pre-Construction Costs (PE+RW):

\$1,952,000

\$1,952,000

Construction Engineering (CE)

Construction Engineering (CE):

\$

1,464,000

\$1,464,000

"CE" costs / "CON" costs

15%

15% Max

Total Construction Costs (Construction Items & Contingencies + CE):

\$11,222,375

\$11,222,375

Total Project Cost:

\$13,174,375

\$13,174,375

ATP Ineligible
and/or
Non-ATP Funded
Costs

ATP Eligible and
ATP Funded Costs

Documentation of Eligible and/or Ineligible Costs:

The
Engineer's

Separate

Item #: Description of Engineer's Justification: (See example shown in the Instructions)