

Detailed Project Estimate and Total Project Costs- Cycle 6

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

Project Information:

Agency: City of Healdsburg	Date: 6/14/2022
Project Description: Healdsburg Avenue Complete Streets Project	
Project Location: Healdsburg Avenue from Powell Avenue to Foss Creek Bridge	
Licensed Engineer in responsible charge of preparing or reviewing this PSR-Equivalent Cost Estimate: Benjamin Kageyama	
License #: C42349	

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 Costs/Items		ATP Ineligible Costs/Items		Corps/CCC to construct	
						%	\$	%	\$	%	\$
General Overhead-Related Construction Items											
1	Mobilization, Demobilization, and Final Cleanup	1	LS	\$395,500.00	\$395,500	100%	\$395,500				
2	Traffic Management Plan	1	LS	\$169,500.00	\$169,500	100%	\$169,500				
3	Clearing and Grubbing	1	LS	\$56,500.00	\$56,500	100%	\$56,500				
4			LS					100%			
5			LS					100%			
6			LS					100%			
7			LS					100%			
8			LS					100%			
9			LS					100%			
10			LS					100%			
General Construction Items											
11	Demolish/Remove Existing Curb	3940	LF	\$4.52	\$17,809	100%	\$17,809				
12	Demolish/Remove Existing Sidewalk	16205	SF	\$9.04	\$146,493	100%	\$146,493				
13	Install Concrete Sidewalk (4" Class II Base)	19331	SF	\$19.21	\$371,349	100%	\$371,349				
14	Mill and Overlay Asphalt	58682	SY	\$33.90	\$1,989,320	100%	\$1,989,320				
15	Furnish and Install Rubber Chip Seal	58682	SY	\$4.80	\$281,674	100%	\$281,674				
16	Furnish and Install Micro-Surfacing	58682	SY	\$2.26	\$132,621	100%	\$132,621				
17	Install Type "A" Ramp with 4" Class II Base	70	EA	\$12,995.00	\$909,650	100%	\$909,650				
18	Install 6" Concrete Curb	27085	LF	\$24.86	\$673,333	100%	\$673,333				
19	Remove Red Paint from Curb	640	LF	\$22.60	\$14,464	100%	\$14,464				
20	Excavation and Export of Soil	5500	CY	\$33.90	\$186,450	100%	\$186,450				
21	Root Barrier	20732	LF	\$2.83	\$58,672	100%	\$58,672				
22	Stormwater Landscape Planting (Soil, Mulch, Plants, Acces	1550	EA	\$16.39	\$25,405	100%	\$25,405				
23	Landscape Planting (Soil, Mulch, Plants, Accessories)	48850	SF	\$6.78	\$331,203	100%	\$331,203				
24	24" Box Street Trees	366	EA	\$565.00	\$206,790	100%	\$206,790				
25	CU-Structural Soil (36" Depth typ.)	1621	CY	\$62.15	\$100,745	100%	\$100,745				
26	Knockdown Stanchions for Bike/Emergency Access Lanes	110	EA	\$106.22	\$11,684	100%	\$11,684				
27	Traffic Signals: New	2	EA	\$452,000.00	\$904,000	100%	\$904,000				
28	Traffic Signals: Modification (PER INTERSECTION)	3	EA	\$226,000.00	\$678,000	100%	\$678,000				
29	Solar Rectangular Rapid Flashing Beacon - 4 pole locations	3	EA	\$135,600.00	\$406,800	100%	\$406,800				
30	Solar Rectangular Rapid Flashing Beacon - 2 pole locations	1	EA	\$56,500.00	\$56,500	100%	\$56,500				
31	Remove Drainage Facility	1	LS	\$5,085.00	\$5,085	100%	\$5,085				
32	Remove Slope Paving	1	LS	\$5,085.00	\$5,085	100%	\$5,085				
33	Grind and Remove Pavement Markings	28000	LF	\$0.96	\$26,880	100%	\$26,880				
34	Striping	1	LS	\$226,000.00	\$226,000	100%	\$226,000				
35	Relocation of Private Infrastructure (Backflow Preventer, V	30	EA	\$5,650.00	\$169,500	100%	\$169,500				
36	Irrigation	50400	SF	\$6.22	\$313,488	100%	\$313,488				
37	Irrigation Meter	2	EA	\$33,900.00	\$67,800	100%	\$67,800				
38	Backflow Prevention	1	EA	\$13,560.00	\$13,560	100%	\$13,560				
39	Install Trench Conduit and Pull Wires for Bus Stop Lightin	885	LF	\$113.00	\$100,005	100%	\$100,005				
40	Interconnection Conduit and Cable	1	LS	\$1,130,000.00	\$1,130,000	100%	\$1,130,000				
41	Signs	1	LS	\$39,550.00	\$39,550	100%	\$39,550				
42								100%			
43								100%			
44								100%			
45								100%			
46								100%			
47								100%			
48								100%			
49								100%			
50								100%			
51								100%			
52								100%			
Subtotal of Construction Items:					\$10,221,414		\$10,221,414				
Construction Item Contingencies (% of Construction Items):				25.00%	\$2,555,353		\$2,555,353				
Total (Construction Items & Contingencies) cost:					\$12,776,767		\$12,776,767				

Project Delivery Costs:

Type of Project Cost	Cost \$	ATP Eligible Costs	Non-participating Costs	
Preliminary Engineering (PE)				
Environmental Studies and Permits(PA&ED):	\$ 447,000	\$447,000		
Plans, Specifications and Estimates (PS&E):	\$ 500,000	\$500,000		
Total PE:	\$ 947,000	\$947,000		"PE" costs / "CON" costs 7% 25% Max
Right of Way (RW)				
Right of Way Engineering:	\$ 50,000	\$50,000		
Acquisitions and Utilities:	\$ -			
Total RW:	\$ 50,000	\$50,000		
Total Pre-Construction Costs (PE+RW):		\$997,000		

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License #: C42349	
Construction Engineering (CE)	
Construction Engineering (CE):	\$ 1,000,000
	\$1,000,000
	8% 15% Max
Total Construction Costs:	\$13,776,767
	ATP Eligible Costs
	Non-participating Costs
Total Project Cost:	\$14,773,767

Documentation of Ineligible (Non-Participating) Costs:

The Engineer's logic and/or calculations for splitting costs between ATP-Eligible and Non-participating costs must be documented in this section of the Estimate form.

Separate logic is required for each item which is partly ineligible for ATP funding or is required for the construction of an ineligible item/element of the project.

Item #:	Description of Engineer's Logic: (See examples shown in the Instructions)