



MEMORANDUM

TO: City Council

FROM: Brian Pedrotti, Community Development Director

SUBJECT: Supplemental Information
Agenda Item 11.a. – July 25, 2023 City Council Meeting
Consideration of Approval of the Halcyon Road Complete Streets Plan
and Adoption of the Mitigated Negative Declaration

DATE: July 25, 2023

Page 2 of Attachment 5 was inadvertently left out of the Agenda Packet and is enclosed.

cc: City Manager
Assistant City Manager
City Attorney
City Clerk
City Website and Public Review Binder

Enc

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 Arroyo Grande

Date: 6/10/2022

Project Description: Halcyon Complete Street Improvements

Project Location: Halcyon Road, City of Arroyo Grande

Licensed Engineer in responsible charge of preparing or reviewing this PSR-Equivalent Cost Estimate: Chenin Otto

License #: 82675

Project Estimate and Cost Breakdown:

Project Estimate (for Construction Items Only)

Cost Breakdown

Project Estimate (for Construction Items Only)						ATP Eligible Costs/Items		ATP Ineligible Costs/Items		Corps/CCC to construct	
Item No.	Item	Quantity	Units	Unit Cost	Total Item Cost	%	\$	%	\$	%	\$
General Overhead-Related Construction Items											
1	Mobilization	10%	LS	\$3,817,300.00	\$381,730	100%	\$381,730				
2	Traffic Control	100%	LS	\$342,000.00	\$342,000	100%	\$342,000				
3	Minor/ Supplemental Items	25%	LS	\$3,817,300.00	\$954,325	100%	\$954,325				
4								100%			
5								100%			
6								100%			
7								100%			
8								100%			
9								100%			
10								100%			
General Construction Items											
11	Remove Tree	16	EA	\$2,000.00	\$32,000	100%	\$32,000				
12	Remove Concrete (Curb & Gutter)	2970	LF	\$33.00	\$98,010	100%	\$98,010				
13	Remove Concrete Sidewalk	14760	SQFT	\$8.00	\$118,080	100%	\$118,080				
14	Roadway Excavation	2210	CY	\$235.00	\$519,350	100%	\$519,350				
15	Class 2 Aggregate Base	1850	CY	\$136.00	\$251,600	100%	\$251,600				
16	Micro-Surfacing	36912	SY	\$3.60	\$132,882	100%	\$132,882				
17	Hot Mix Asphalt (Type A)	1360	TON	\$200.00	\$272,000	100%	\$272,000				
18	Detectable Warning Surface	1041	SQFT	\$50.00	\$52,050	100%	\$52,050				
19	Minor Concrete (Curb)	2410	LF	\$50.00	\$120,496	100%	\$120,496				
20	Minor Concrete (Curb and Gutter)	2989	LF	\$54.00	\$161,400	100%	\$161,400				
21	Minor Concrete (Curb Ramp)	6840	SQFT	\$18.00	\$123,120	100%	\$123,120				
22	Minor Concrete (Sidewalk)	22729	SQFT	\$12.00	\$272,752	100%	\$272,752				
23	Minor Concrete (Driveway)	985	SQFT	\$18.00	\$17,724	100%	\$17,724				
24	Reconstruct Drainage Facility	1	LS	\$170,000.00	\$170,000	100%	\$170,000				
25	Pavement Marker (Retroreflective)	285	EA	\$17.00	\$4,847	100%	\$4,847				
26	Thermoplastic Traffic Stripe	33659	LF	\$2.00	\$67,318	100%	\$67,318				
27	Thermoplastic Pavement Marking	7851	SQFT	\$8.00	\$62,810	100%	\$62,810				
28	Signs	85	EA	\$382.00	\$32,470	100%	\$32,470				
29	Lighting System	1	LS	\$127,500.00	\$127,500	100%	\$127,500				
30	Planting and Irrigation	13605	SQFT	\$10.00	\$136,050	100%	\$136,050				
31	Adjust Utility to Grade	1	LS	\$243,500.00	\$243,500	100%	\$243,500				
32	Minor Concrete (Curb - Truck Apron)	14	CY	\$700.00	\$9,800	100%	\$9,800				
33	Minor Concrete (Stamped Concrete - Truck	50	CY	\$1,200.00	\$60,000	100%	\$60,000				
34	Minor Concrete (Bus Pad)	1639.4	SQFT	\$25.00	\$40,985	100%	\$40,985				
35	Minor Concrete (Miscellaneous Construction	2030	SQFT	\$20.00	\$40,600	100%	\$40,600				
36	Retaining Wall	1250	SQFT	\$120.00	\$150,000	100%	\$150,000				
37	Modifying Existing Electrical System	1	LS	\$500,000.00	\$500,000	100%	\$500,000				
38								100%			
39								100%			
40								100%			
41								100%			
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:					\$5,495,399		\$5,495,399				

Construction Item Contingencies (% of Construction Items):

25.00%

\$1,373,850

\$1,373,850

Total (Construction Items & Contingencies) cost:

\$6,869,248

\$6,869,248

Project Delivery Costs:

Type of Project Cost		Cost \$				
Preliminary Engineering (PE)			ATP Eligible Costs	Non-participating Costs		
Environmental Studies and Permits(PA&ED):	\$	252,494	\$252,494			
Plans, Specifications and Estimates (PS&E):	\$	647,800	\$647,800		"PE" costs / "CON" costs	
Total PE:		\$ 900,294	\$900,294		13%	25% Max

Detailed Project Estimate and Total Project Costs- Cycle 6

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Right of Way (RW)

Right of Way Engineering: \$ 165,000

\$165,000

Acquisitions and Utilities: \$ 490,800

\$490,800

Total RW: \$ 655,800

\$655,800

Total Pre-Construction Costs (PE+RW): \$1,556,094

\$1,556,094

Construction Engineering (CE)

Construction Engineering (CE): \$ 645,200

\$645,200

"CE" costs / "CON" costs

9% 15% Max

Total Construction Costs: \$7,514,448

\$7,514,448

Total Project Cost: \$9,070,542

\$9,070,542

ATP Eligible Costs

Non-participating Costs

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)