

## COST ESTIMATE FORM

**Project Name:** Colusa Town Center  
**Street Location:** 1601 State Highway 20  
**Municipality:** Colusa, California  
**Developer:** Sutter Equities  
**Engineer:** Kacey Held, PE  
**Contractor:** To be Determined

**Date:** 03/10/23  
**No. of Lots:** 1  
**Acreage:** 0.82  
**Sales Tax Rate:** 7.3%  
**Our Job No.:** 17828

HARD COSTS	
ITEM DESCRIPTION	ESTIMATED BUDGET
A. CLEARING/GRADING/EARTHWORK	\$231,980
B. EROSION CONTROL	\$70,000
C. FRONTAGE OR OTHER OFF-SITE ROAD IMPROVEMENTS IN PUBLIC RIGHT-OF-WAY	\$964,004
D. LANDSCAPING/FENCING/PARKS/OPEN SPACE	\$24,311
E. SIGNALIZED INTERSECTION	\$416,350
Subtotal Hard Costs	\$1,706,645

**SALES TAX ON MATERIALS (7.25% OF 40% OF HARD COSTS)**

**\$49,493**

20% CONTINGENCY	\$341,329
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GRAND TOTAL HARD COSTS	\$2,097,466
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SOFT COSTS	
ITEM DESCRIPTION	ESTIMATED BUDGET
A. REPORT INVESTIGATION AND DESIGN FEES	\$260,897
B. CONSTRUCTION RELATED SOFT COSTS	\$70,000
Subtotal Soft Costs	\$330,897

GRAND TOTAL HARD COSTS + SOFT COSTS	\$2,428,363
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## HARD COSTS

### A. CLEARING/GRADING/EARTHWORK

DESCRIPTION	UNIT	UNIT COST	BUDGET	
			QTY	TOTAL
Mobilization	LS	\$82,000.00	1	\$82,000
Clearing and Grubbing	AC	\$16,500.00	1.1	\$18,118
Concrete Curb Demolition and Disposal	LF	\$5.00	940	\$4,700
AC Removal/Demolition	SF	\$6.00	10,042	\$60,252
Sidewalk Demolition and Disposal	SF	\$6.00	4,025	\$24,150
Mass Excavation and Export	BCY	\$60.00	190	\$11,400
Demolish Catch Basin	EA	\$920.00	4	\$3,680
Remove Existing Sign	EA	\$500.00	3	\$1,500
Remove Existing Traffic Striping	LF	\$1.00	3,248	\$3,248
Demolish Existing Fence	LF	\$10.00	506	\$5,060
Demolish Existing AC Dike	LF	\$6.00	312	\$1,872
Demolish Existing Structure	EA	\$6,000.00	1	\$6,000
Remove Existing Pavement Marking	EA	\$2,000.00	5	\$10,000
<b>TOTAL SECTION A</b>				<b>\$231,980</b>

### B. EROSION CONTROL

DESCRIPTION	UNIT	UNIT COST	BUDGET	
			QTY	TOTAL
Erosion Control (includes mirafi silt fence, construction entrance, temporary inlet protection, temporary staging area with concrete washout, street cleaning)	LS	\$70,000.00	1	\$70,000
<b>TOTAL SECTION B</b>				<b>\$70,000</b>

### C. FRONTAGE OR OTHER OFF-SITE ROAD IMPROVEMENTS IN PUBLIC RIGHT-OF-WAY

DESCRIPTION	UNIT	UNIT COST	BUDGET	
			QTY	TOTAL
Concrete Vertical Curb	LF	\$30.00	473	\$14,190
2-Foot Concrete Curb and Gutter (vertical)	LF	\$50.00	1,690	\$84,500
Concrete Sidewalk (4-inch thick)	SF	\$20.00	10,964	\$219,280
ADA Curb Ramps (with truncated domes)	EA	\$3,500.00	16	\$56,000
HMA Paving	TON	\$225.00	766	\$172,409
Class 2 Aggregate Base	CY	\$90.00	1,013	\$91,187
Adjust Existing Utility Cover to Grade	LS	\$7,500.00	2	\$15,000
Adjust Existing Utility Pole(s)	EA	\$35,000.00	1	\$35,000
Striping/Channelization Marking	LF	\$8.00	5,676	\$45,408
Pavement Marking	EA	\$100.00	33	\$3,300
Street Signs - Salvage and relocate existing signs	EA	\$500.00	5	\$2,500
Install Street Sign - Including posts	EA	\$1,000.00	4	\$4,000
Site Retaining Curb and Fencing	LS	\$1,000.00	1	\$1,000
Traffic Control	LS	\$80,000.00	1	\$80,000
<b>STORM DRAINAGE</b>				
36-Inch RCP	LF	\$500.00	59	\$29,500
12-Inch RCP	LF	\$200.00	37	\$7,400
Catch Basin	EA	\$3,500.00	4	\$14,000
Catch Basin w/ Manhole	EA	\$5,000.00	1	\$5,000
48-Inch Manhole/Type 1	EA	\$8,000.00	2	\$16,000
Connect to Existing Main or Manhole	EA	\$5,000.00	2	\$10,000
<b>SANITARY SEWER SYSTEM</b>				
6-Inch PVC	LF	\$110.00	30	\$3,300

8-Inch PVC	LF	\$150.00	54	\$8,100
Cleanout with Concrete Collar	EA	\$800.00	1	\$800
48-Inch Manhole/Type 1	EA	\$8,000.00	1	\$8,000
Connect to Existing Main or Manhole	EA	\$5,000.00	2	\$10,000
<b>WATER SUPPLY SYSTEM</b>				
6-Inch DIP	LF	\$110.00	23	\$2,530
8-Inch PVC	LF	\$150.00	60	\$9,000
8-Inch Gate Valves with Box	EA	\$1,500.00	2	\$3,000
8-Inch Fittings and Blocking	EA	\$800.00	2	\$1,600
Connect to Existing Main	EA	\$5,000.00	2	\$10,000
Fire Hydrant Assembly (including tee and valve)	EA	\$2,000.00	1	\$2,000
<b>TOTAL SECTION C</b>				<b>\$964,004</b>
<b>D. LANDSCAPING/FENCING/PARKS/OPEN SPACE</b>				
DESCRIPTION	UNIT	UNIT COST	BUDGET	
			QTY	TOTAL
Landscaping (shrubs, plants, irrigation)	SF	\$7.00	3,423	\$23,961
Landscaping Trees	EA	\$350.00	1	\$350
<b>TOTAL SECTION D</b>				<b>\$24,311</b>
<b>E. SIGNALIZED INTERSECTION</b>				
DESCRIPTION	UNIT	UNIT COST	BUDGET	
			QTY	TOTAL
Signalized Intersection (includes relocating flashing beacon and interconnection to Sioc)	LS	\$400,000.00	1	\$400,000
Connectivity and power conduit installed during Caltrans widening project	LS	\$16,350.00	1	\$16,350
<b>TOTAL SECTION M</b>				<b>\$416,350</b>

## **GENERAL NOTES/ASSUMPTION AND QUALIFICATIONS:**

1. Engineer cannot and does not guarantee or warrant the accuracy of the unit prices as indicated. These unit prices are based upon engineer's general experience and may be subject to significant variations at the time actual bids are received.
2. This estimate has been prepared for the purpose of giving the client and engineer an approximate understanding of the general range of construction costs that may be expected for this project, based upon the information that the engineer had available at the time this estimate was completed.
3. Engineer makes no guarantee or warranty, expressed or implied, that ALL aspects of the construction effort expected for the project have been included, and the client is advised to budget appropriately for contingencies and items not covered or included in this preliminary summary.
4. Engineer makes no guarantee or warranty, expressed or implied, as to the accuracy of the quantities outlined. If the client desires a more definitive cost estimate, actual construction bids and/or the services of a qualified construction estimator should be utilized by the client.
5. Costs associated with building (vertical) construction.
6. The earthwork quantity is approximate only, and should be verified at the time of bid preparation, based on approved final construction plans.
7. This estimate does NOT include any costs associated with the purchase of off-site slope or utility easements unless noted.
8. This estimate is based on the Colusa Town Center Offsite Improvement Plans dated February 2023.
9. The unit prices listed are based on the 2020 *BNI Building News General Construction Costbook; 30th edition* and Caltrans Bid Summary Results dated 10/07/2020. The unit prices have been adjusted to reflect the associated construction costs of the Colusa area.
10. The estimated cost associated with signalizing the proposed intersection at Highway State 20 and the Westcott Road realignment is approximate only. This estimate was provided by traffic engineer Ken Anderson at KD Anderson & Associates, Inc. If the client desires a more definitive cost estimate, actual construction bids and/or the services of a qualified construction estimator should be utilized by the client.
11. Structural sections for the Wescott Road Retrofit and Wescott Road Realignment were assumed to be 0.35 feet HMA over 1.15 feet AB using the Public Works Department Improvement Standards dated November 2007. Structural sections along State Highway 20 were assumed to be 0.45 feet HMA over 1.5 feet AB to match the average structural section indicated in Caltrans project plans contract no. 03-2F9804.
12. Cost opinion does not include costs associated with permit fees, impact fees or inspection fees incurred by the local agency.