



**CIVIL DESIGN STUDIO**  
 CIVIL ENGINEERING | PLANNING | PERMITTING  
 P.O. Box 199  
 Cambria, CA 93428  
 805.706.0401

Date: 11/2/2022  
 Job Number: 21-016  
 Job Name: Cambria Skate Park - Preliminary

**PRELIMINARY Engineers Estimate**

CAT.	ITEM	QUANT	UNIT	\$/UNIT	% REMAIN.	\$	DESCRIPTION
<b>GENERAL PROJECT COSTS</b>							
	MOBILIZATION / OVERHEAD	1	LS	15000.00	100	\$15,000	
	TRAFFIC CONTROL	1	LS	5000.00	100	\$5,000	
	SURVEYING	1	LS	8000.00	100	\$8,000	
	SPECIAL INSPECTION (WALL/SOILS)	1	LS	8000.00	100	\$8,000	
	ENGINEERING	1	LS	7000.00	100	\$7,000	
	OTHER						
<b>GENERAL PROJECT COSTS</b>						<b>SUBTOTAL:</b>	<b>\$43,000</b>

<b>DEMO &amp; EARTHWORK</b>							
	CLEARING & GRUBBING	0.3	AC	7490.00	100	\$2,247	LIGHT DENSITY
	DEMO CONCRETE	550	SY	10.00	100	\$5,500	
	OVEREXCAVATION AND GRADING	1	LS	25000.00	100	\$25,000	
	OTHER						
<b>DEMO &amp; EARTHWORK</b>						<b>SUBTOTAL:</b>	<b>\$32,747</b>

<b>OFFSITE IMPROVEMENTS</b>							
	SAWCUT	460	LF	5.00	100	\$2,300	
	PAVEMENT REMOVAL AND DISPOSAL	2,000	SF	2.00	100	\$4,000	
	CURB AND GUTTER - 18"	290	LF	60.50	100	\$17,545	
	COMMERCIAL DRIVEWAY	230	SF	26.40	100	\$6,072	
	SIDEWALK	660	SF	16.50	100	\$10,890	
	ASPHALT PAVING	96	TN	250.00	100	\$24,000	
	AGGREGATE BASE	123	CY	150.00	100	\$18,450	
	SUBGRADE OVEREXCAVATION	173	CY	50.00	100	\$8,650	
	RELOCATE STREET LIGHT	1	EA	8500.00	100	\$8,500	
	4" SEWER LATERAL	1	EA	4420.00	100	\$4,420	
	1" WATER SERVICE LATERAL	1	EA	3000.00	100	\$3,000	
	STORM DRAIN INLET	1	EA	10000.00	100	\$10,000	
	PREVAILING WAGE RATES	1	EST	30000.00	100	\$30,000	
<b>OFFSITE IMPROVEMENTS</b>						<b>SUBTOTAL:</b>	<b>\$147,827</b>

## PRELIMINARY Engineers Estimate

CAT.	ITEM	QUANT	UNIT	\$/UNIT	% REMAIN.	\$	DESCRIPTION
<b>ONSITE IMPROVEMENTS</b>							
	PREMANUFACTURED BATHROOM	1	EA	150000.00	100	\$150,000	MANUFACTURER ESTIMATES \$130-150K
	CLASS 2 AGGREGATE BASE	160	CY	150.00	100	\$24,000	INCLUDES SKATE PARK AREA PREPARATION
	A.C. PAVING	34	TN	250.00	100	\$8,500	PARKING LOT
	CONCRETE PAVING	325	SF	16.50	100	\$5,363	ACCESSIBLE PARKING SPACE
	CURB AND GUTTER - 18"	18	LF	60.50	100	\$1,089	
	CURB - 6"	144	LF	45.00	100	\$6,480	
	CONCRETE V GUTTER	24	LF	85.00	100	\$2,040	
	ROCK LINED SWALE	220	LF	60.00	100	\$13,200	
	ACCESSIBILITY FEATURES	1	EA	2500.00	100	\$2,500	
	RETAINING WALL - 4 FT MAX	60	LF	500.00	100	\$30,000	
	SKATE PARK ALLOWANCE	1	EA	350000.00	100	\$350,000	
	OTHER						
<b>ONSITE IMPROVEMENTS SUBTOTAL:</b>						<b>\$593,172</b>	

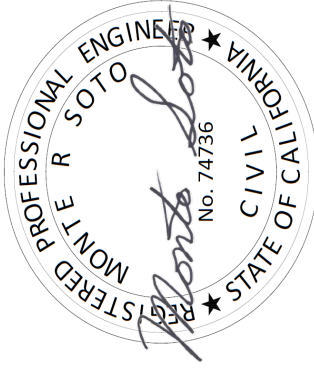
<b>WATER</b>							
	1" WATER PIPE SCHEDULE 80	43	LF	40.00	100	\$1,720	
	OTHER						
<b>WATER SUBTOTAL:</b>						<b>\$1,720</b>	

<b>STORM DRAIN</b>							
	STORM DRAIN INLET 18"	1	EA	750.00	100	\$750	
	STORM DRAIN INLET 12"	1	EA	500.00	100	\$500	
	STORM DRAIN PIPE						
	8" SDR 35 PVC	140	EA	80.00	100	\$11,200	
	6" SDR 35 PVC	18	LF	60.00	100	\$1,080	
	OTHER						
<b>STORM DRAIN SUBTOTAL:</b>						<b>\$13,550</b>	

## PRELIMINARY Engineers Estimate

CAT.	ITEM	QUANT	UNIT	\$/UNIT	% REMAIN.	\$	DESCRIPTION
<b>SEWER</b>							
	SEWER CLEANOUT	1	EA	250.00	100	\$250	
	SEWER LINE						
	4" PVC - SDR 35	43	LF	73.00	100	\$3,139	
	OTHER						
<b>SEWER SUBTOTAL:</b>						<b>\$3,389</b>	

<b>MISCELLANEOUS:</b>							
	EROSION CONTROL MEASURES	1	LS	15000.00	100	\$15,000	
	OTHER						
<b>MISCELLANEOUS: SUBTOTAL:</b>						<b>\$15,000</b>	
<b>SUBTOTAL:</b>						<b>850,385</b>	
CONTINGENCIES & INFLATION %:						20	170,077
ENGINEERING ADMINISTRATION %:							
<b>TOTAL:</b>						<b>1,020,461</b>	



**NOTES:**

- 1 This estimate has been prepared for public works bonding purposes only. The contractor / owner is responsible for providing independent cost and quantities.
- 2 The unit prices in this estimate are derived using the 2020 BNI Public Works Cost Book.
- 3 In the event that additional items are encountered during the bidding process, contact the engineer for clarification.