

Santa Barbara County Public Works Department
UVP WIDENING
ENGINEERS ESTIMATE

Item No.	Item Description	UNITS	QUANTITY	UNIT COST	AMOUNT
A	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1	\$30,000	\$30,000
B1	CLEARING & GRUBBING AND REMOVALS	LS	1	\$100,000	\$100,000
B2	EXCAVATION AND GRADING	CY	15,000	\$25	\$375,000
C	SAWCUTTING	LF	12,000	\$2	\$24,000
E	COLD PLANE ASPHALT CONCRETE	SF	32,000	\$1	\$32,000
K	DRAINAGE	LS	1	\$300,000	\$300,000
L	SLURRY SEAL (TYPE II)	SF	39,000	\$2	\$78,000
M	ASPHALT CONCRETE (TYPE A)	TON	7,200	\$150	\$1,080,000
O	CLASS 2 AGGREGATE BASE	TON	10,800	\$25	\$270,000
P	ROADWAY PREPARATION	SF	192,000	\$2	\$384,000
Q	P.C.C. MEDIAN CURB AND GUTTER	LF	1,200	\$20	\$24,000
R1	P.C.C. CURB & GUTTER	LF	10,000	\$20	\$200,000
R2	ASPHALT CONCRETE DIKE	LF	1,000	\$20	\$20,000
S	P.C.C. SIDEWALK	SF	60,000	\$2	\$120,000
EE	CONSTRUCTION AREA SIGNS AND TRAFFIC CONTROL DEVICES	LS	1	\$30,000	\$30,000
FF	TRAFFIC CONTROL	LS	1	\$100,000	\$100,000
GG-1	TRAFFIC SIGNAL (UNION VALLEY PARKWAY / HUMMEL)	LS	1	\$500,000	\$500,000
GG-2	TRAFFIC SIGNAL (UNION VALLEY PARKWAY / MORNING RIDGE)	LS	1	\$400,000	\$400,000
HH-1.01	ROADSIDE SIGNS	EA	100	\$300	\$30,000
HH-1.05	PAINTED TRAFFIC STRIPE	LF	30,000	\$1	\$30,000
HH-1.06	PAINTED PAVEMENT MARKING	SF	4,700	\$3	\$14,000
II	STREETLIGHT SYSTEM	LS	1	\$100,000	\$100,000
LL	HYDROSEEDING, LANDSCAPING	LS	1	\$50,000	\$50,000
OO	MOBILIZATION	LS	1	\$200,000	\$200,000
PP	TAR SAND REMEDIATION	LS	1	\$50,000	\$50,000
QQ	CHAIN LINK FENCE	LF	6,000	\$20	\$120,000
TT	UTILITY RELOCATION	LS	1	\$100,000	\$100,000

Subtotal	\$4,761,000
Contigencies	\$239,000
Enviro	\$100,000
Design	\$1,200,000
Construction Admin	\$720,000
TOTAL COST	\$5,000,000

COUNTY OF SANTA BARBARA ENGINEER'S ESTIMATE

Santa Barbara County Public Works Department Rice Ranch Road Reconstruction

ENGINEERS ESTIMATE					
ITEM	DESCRIPTION	UNIT	EST. QTY	UNIT PRICE	ITEM TOTAL
1	TRAFFIC CONTROL SYSTEM	LS	1	\$ 30,000.00	\$30,000
2	FULL WIDTH GRIND	SY	26,000	\$ 10.00	\$260,000
3	HOT MIX ASPHALT (TYPE A, 1/2" MAXIMUM GRADING)	TON	5,300	\$ 150.00	\$795,000
4	PAVING ASPHALT (BINDER, GEOSYNTHETIC PAVEMENT INTERLAYER)	TON	8	\$ 1,000.00	\$8,000
5	GEOSYNTHETIC, PAVEMENT INTERLAYER	SY	26,000	\$ 1.00	\$26,000
6	REMOVE AND PLACE HOT MIX ASPHALT (3.5% DIGOUTS)	CY	1,300	\$ 450.00	\$585,000
7	ASPHALT EMULSION (PAINT BINDER)	TON	8	\$ 1,000.00	\$8,000
8	PAINT TRAFFIC STRIPE (2-COAT)	LF	15,000	\$ 1.00	\$15,000
9	PAINT PAVEMENT MARKING (2-COAT)	SF	4,000	\$ 1.00	\$4,000
10	MINOR CONCRETE - SIDEWALK	LF	4,000	\$ 15.00	\$60,000
11	ADA CURB RAMP AND MISC. CONCRETE	EA	4	\$ 5,000.00	\$20,000
12	SUPPLEMENTAL WORK (MAINTAIN TRAFFIC, COUNTY PORTION)	LS	1	\$ 10,000.00	\$10,000
	CONTINGENCY			\$179,000	\$179,000

\$2,000,000

COUNTY OF SANTA BARBARA ENGINEER'S ESTIMATE

Santa Barbara County Public Works Department Stillwell Road Reconstruction

ENGINEERS ESTIMATE					
ITEM	DESCRIPTION	UNIT	EST. QTY	UNIT PRICE	ITEM TOTAL
1	TRAFFIC CONTROL SYSTEM	LS	1	\$ 30,000.00	\$30,000
2	CLEARING AND GRUBBING	LS	1	\$ 30,000.00	\$30,000
3	COLD PLANING	SY	2,000	\$ 5.00	\$10,000
4	ROADWAY EX	CY	3,000	\$ 50.00	\$150,000
5	CLASS 2 BASE	CY	500	\$ 40.00	\$20,000
6	HOT MIX ASPHALT (TYPE A, 3/4" MAXIMUM GRADING)	TON	500	\$ 120.00	\$60,000
7	HOT MIX ASPHALT (TYPE A, 1/2" MAXIMUM GRADING)	TON	1,100	\$ 150.00	\$165,000
8	REMOVE AND PLACE HOT MIX ASPHALT (3.5% DIGOUTS)	CY	150	\$ 500.00	\$75,000
9	ASPHALT EMULSION (PAINT BINDER)	TON	12	\$ 1,000.00	\$12,000
10	PAINT TRAFFIC STRIPE (2-COAT)	LF	9,000	\$ 1.00	\$9,000
11	PAINT PAVEMENT MARKING (2-COAT)	SF	2,500	\$ 2.00	\$5,000
12	RETAINING WALL	LF	1,300	\$ 200.00	\$260,000
13	MINOR CONCRETE - CURB AND GUTTER	LF	2,700	\$ 20.00	\$54,000
14	MINOR CONCRETE - SIDEWALK	LF	2,700	\$ 20.00	\$54,000
15	ADA CURB RAMP AND MISC. CONCRETE	EA	6	\$ 5,000.00	\$30,000
16	BOX CULVERT AND DRAINAGE	LS	1	\$ 200,000.00	\$200,000
#REF!	CONTINGENCY			\$116,000	\$116,000

DESIGN AND CONSTRUCTION ENGINEERING (25%, 15%)

\$520,000

\$1,800,000

Clark @ 101 is both NB and SB, NB is from current project, SB is from Oct 2011 P&S estimate with 5% inflation

	PSE	CE	R/W, CON and Caltrans	Grants	OTIP	TOTAL
NB	\$670,000	\$410,000	\$2,670,000	\$900,000	\$2,850,000	\$3,750,000
SB	\$670,000	\$410,000	\$2,670,000	\$1,000,000	\$2,750,000	\$3,750,000
				\$1,900,000	\$5,600,000	\$7,500,000

CONSTRUCTION COST ESTIMATE

Project: CLARK AVE INTERCHANGE
 Location: ORCUTT
 Client: COUNTY OF SANTA BARBARA
 W.O. No.: 19587.01
 Calc'd By: DJL
 Path Name: W:\work\19000-19999\19587\cost estimates
 File Name: CIVIL ESTIMATE - BUILD ALTERNATIVE 1

Penfield & Smith, Inc.
 111 E. Victoria Street
 Santa Barbara, CA 93101
 (805) 963-9532
 Date: 15-Dec-11

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST
1	ROADWAY ITEMS				
	1. EARTHWORK¹				
	Excavation	CY	20,000.00	20.00	\$400,000
	Imported Borrow	CY	31,000.00	15.00	\$465,000
	Eartwork Contingency (10% of Earthwork)	LS	1.00	102,500	\$102,500
	2. PAVEMENT STRUCTURAL SECTION				
	Roadbed Preparation/Aggregate Base/ AC Pavement	SF	87,000.00	8.00	\$696,000
	3. DRAINAGE				
	Drainage Lump Sum (10% of 1 - 2)	LS	1.00	187,600	\$166,350
	4. SPECIALTY ITEMS				
	Barriers and Guardrail	LF	1,200.00	100.00	\$120,000
	Clearing/Landscaping	LS	1.00	200,000	\$200,000
	Environmental Mitigation	LS	1.00	300,000	\$300,000
	5. TRAFFIC ITEMS				
	Traffic Signal	EA	2.00	200,000	\$400,000
	Striping & Signing (incl. removal)	LS	1.00	30,000	\$30,000
	Traffic Management Plan	LS	1.00	300,000	\$300,000
	6. MINOR ITEMS (5% of 1-5)	LS	1.00	158,992.50	\$158,993
	7. MOBILIZATION (10% of 1-6)	LS	1.00	333,884.25	\$333,884
				SUBTOTAL	\$3,672,727
				25% CONT.	\$918,182
				Total	\$4,590,908
2	STRUCTURES ITEMS				\$0
3	RIGHT OF WAY ITEMS				
	Acquisition	SF	47,300.00	1.15	\$54,395
	Utility Relocation	SF	50,900.00	5.00	\$254,500
			-	-	
				TOTAL	\$4,899,803

NOTES

¹ Excavation and Imported Borrow calculations assume all ramps remain open during construction.