

Doucet & Associates, Inc.
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Date: 2/23/2022
 Client Name: Ashton Woods
 Project Name: Cannon Ranch
 D&A #: 1298-003

ROB SHELTON ROAD IMPROVEMENTS

Item	Quantity	Unit	Unit Cost	Total
22' Widening to Rob Shelton - 60' ROW				
SITE IMPROVEMENT				
Clearing and Grubbing (ROW)	2662	SY	\$ 2.50	\$ 6,655.00
Revegetation outside ROW	4581	SY	\$ 1.00	\$ 4,581.11
Excavation	2500	CY	\$ 17.00	\$ 42,500.00
Fill	2500	CY	\$ 9.00	\$ 22,500.00
Erosion and Sedimentation Control	1	LS	\$ 5,000.00	\$ 5,000.00
SITE IMPROVEMENT SUBTOTAL				\$ 81,236.11
PAVING IMPROVEMENT				
Subgrade Prep - 4" Thick	3134	SY	\$ 3.50	\$ 10,970.56
Flexible base - 15" Thick	3134	SY	\$ 17.00	\$ 53,285.56
HMAC, 3" Thick	2652	SY	\$ 15.50	\$ 41,109.44
Curb and Gutter	3255	LF	\$ 30.00	\$ 97,650.00
Laydown Curb	1085	LF	\$ 15.00	\$ 16,275.00
5' Sidewalk	1085	LF	\$ 32.50	\$ 35,262.50
Existing Pavement Sawcut, Mill, and Demo	1	LS	\$ 22,500.00	\$ 22,500.00
Signage and Pavement Markings	1	LS	\$ 25,000.00	\$ 25,000.00
ADA Ramps	3	EA	\$ 1,500.00	\$ 4,500.00
PAVING IMPROVEMENT SUBTOTAL				\$ 306,553.06
DRAINAGE IMPROVEMENT				
Intersection Improvements and Tie-In (includes drainage modifications)	1	LS	\$ 175,000.00	\$ 175,000.00
18" RCP	210	LF	\$ 90.00	\$ 18,900.00
Trench Safety	210	LF	\$ 1.25	\$ 262.50
18" Headwall	2	EA	\$ 4,250.00	\$ 8,500.00
5' Sidewalk Flume with Steel Plate	1	LS	\$ 5,000.00	\$ 5,000.00
Drainage Ditch along Back of Lots	1085	LF	\$ 15.00	\$ 16,275.00
DRAINAGE IMPROVEMENT SUBTOTAL				\$ 223,937.50
				Hard Cost SUBTOTAL \$ 611,726.67
OTHER ITEMS				
Engineering Design	1	LS	\$ 63,000.00	\$ 63,000.00
Construction Administration & Inspection and Testing (15% Hard Cost)	1	LS	\$ 91,759.00	\$ 91,759.00
Mobilization (10% Hard Cost)	1	LS	\$ 61,172.67	\$ 61,172.67
SUBTOTAL				\$ 215,931.67
20% Contingency:				\$ 165,531.67
TRANSPORTATION IMPROVEMENT SUBTOTAL:				\$ 993,190.00

***Notes/Assumptions:**

1. Cut/Fill quantities are based on rough grading of roadways only
2. Road base extends 2' beyond BOC on either side
3. Road Sections assumed are in the table as follows:
- 4 Lighting Infrastructure not included in the cost estimate.

ROADWAY	ROADWAY SECTION	SIDEWALKS
ROB SHELTON	22' PAVEMENT WITH CURB (ALL SIDES)	5' SIDEWALK ONE SIDE