

**City of Manzanita - Dorcas & 4th
Preliminary Road Cost Est.**

<i>Item</i>	<i>Description</i>	<i>Units</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total for Item</i>
1	Mobilization, Traffic Control & Flagging (5%)	LS	1	\$ 15,300	\$ 15,300
2	Erosion Control, Stormwater Management & Dewatering	LS	1	\$ 4,800	\$ 4,800
3	Clearing & Grubbing	AC		\$ 20,000	\$ -
4	Asphalt Sawcut	LF	5280	\$ 3.50	\$ 18,480
5	Pavement Demolition (in place quantities)	SY	1178	\$ 4.00	\$ 4,711
6	Subgrade or General Excavation & Fill	CY		\$ 16	\$ -
7	3/4"-0" Aggregate Leveling Course & Shoulder Rock (12" In-Place Compacted Units)	CY	393	\$ 60	\$ 23,556
8	Asphalt Paving (6" Patch)	Ton	972	\$ 250	\$ 243,100
9	Construction Fabric	SY		\$ 1.00	\$ -
10	12" Striping	LF	50	\$ 10	\$ 500
11	4" Striping	LF		\$ 2	\$ -
12	Signage	EA		\$ 200	\$ -
13	Survey Monument Protection & Monument Box Construction	EA		\$ 1,000	\$ -
14	Adjust Existing Utilities For Crossing Conflicts	LS	1	\$ 10,000	\$ 10,000
Subtotal:					\$ 320,447
15% Construction Contingency					\$ 49,000
Preliminary Road Construction Estimate					\$ 369,447

Preliminary Storm Cost Est.

<i>Item</i>	<i>Description</i>	<i>Units</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total for Item</i>
1	Mobilization, Traffic Control & Flagging (5%)	LS	1	\$ 13,800	\$ 13,800
2	Connect to New Storm Pipe to Existing Storm Pipe	EA	5	\$ 1,600	\$ 8,000
3	Construct new 8" & 12" HDPE Storm Main	LF	450	\$ 50	\$ 22,500
4	Construct new 18" HDPE Storm Main	LF	2200	\$ 70	\$ 154,000
5	Construct New 48" Storm Manhole	EA	14	\$ 5,000	\$ 70,000
6	Construct New Catchbasin	EA	10	\$ 2,000	\$ 20,000
7	Construct New 18" Concrete Valley Gutter	LF		\$ 31	\$ -
Subtotal:					\$ 288,300
15% Construction Contingency					\$ 44,000
Preliminary Storm Construction Estimate					\$ 332,300
18.00% Engr & Survey					\$ 126,314
Project Construction Estimate without Contingency					\$ 735,061
Project Contingency					\$ 93,000
Project Construction Estimate with Contingency					\$ 828,061