

**Gem County CIP, Construction cost per mile  
LOCAL ROAD  
(Flat Terrain)  
(Full Reconstruction)  
(Includes Haul)**

**24' Pavement, 5' unpaved shoulders w/ 4:1 slope  
1 Mile Length**

**PARAMETRIX  
October 5, 2007**

ITEM	QUANTITY	UNITS	UNIT COST	TOTAL	
Asphalt (3")	2297	TON	\$ 70.00	\$ 160,790	
Gravel Base (4")	2971	CY	\$ 24.00	\$ 71,304	
Subbase (12")	8342	CY	\$ 19.00	\$ 158,498	
Excavation/Embankment	6030	CY	\$ 10.00	\$ 60,300	\$ 450,892
Drainage	5%	EST	LUMP SUM	\$ 22,545	
SWPP	5%	EST	LUMP SUM	\$ 23,672	
Clearing & Grubbing	5%	EST	LUMP SUM	\$ 24,855	
Traffic Control	5%	EST	LUMP SUM	\$ 26,098	
Miscellaneous	5%	EST	LUMP SUM	\$ 27,403	
Contingency	20%	EST	LUMP SUM	\$ 115,093	
Mobilization	5%	EST	LUMP SUM	\$ 34,528	
			<b>ROADWAY TOTAL</b>	<b>\$ 725,086</b>	
Engineering	20%	EST	LUMP SUM	\$ 145,017	\$ 870,103
			<b>TOTAL</b>	<b>\$ 870,100</b>	

<b>USE \$ 870,000 Per Mile</b>
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**Gem County CIP, Construction cost per mile  
MINOR COLLECTOR  
(Flat Terrain)  
(Full Reconstruction)  
(Includes Haul)**

**30' Pavement 3' unpaved shoulders w/4:1 slope  
1 Mile Length**

**PARAMETRIX  
October 5, 2007**

ITEM	QUANTITY	UNITS	UNIT COST	TOTAL		
Asphalt (3")	2871	TON	\$ 70.00	\$	200,970	
Gravel Base (4")	2906	CY	\$ 24.00	\$	69,744	
Subbase (16")	11994	CY	\$ 19.00	\$	227,886	
Excavation/Embankment	6682	CY	\$ 10.00	\$	66,820	\$ 565,420
Drainage	5%	EST	LUMP SUM	\$	28,271	
SWPP	5%	EST	LUMP SUM	\$	29,685	
Clearing & Grubbing	5%	EST	LUMP SUM	\$	31,169	
Traffic Control	5%	EST	LUMP SUM	\$	32,727	
Miscellaneous	5%	EST	LUMP SUM	\$	34,364	
Contingency	20%	EST	LUMP SUM	\$	144,327	
Mobilization	5%	EST	LUMP SUM	\$	43,298	
			<b>ROADWAY TOTAL</b>	<b>\$</b>	<b>909,260</b>	
Engineering	20%	EST	LUMP SUM	\$	181,852	\$ 1,091,112
			<b>TOTAL</b>	<b>\$</b>	<b>1,091,100</b>	

<b>USE \$ 1,100,000 Per Mile</b>
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**Gem County CIP, Construction cost per mile  
MAJOR COLLECTOR  
(Flat Terrain)  
(Full Reconstruction)  
(Includes Haul)**

**36' Pavement 3 foot unpaved shoulders w/4:1 Slope  
1 Mile Length**

ITEM	QUANTITY	UNITS	UNIT COST	TOTAL
Asphalt (4")	4594	TON	\$ 70.00	\$ 321,580
Gravel Base (4")	3477	CY	\$ 24.00	\$ 83,448
Subbase (18")	15646	CY	\$ 19.00	\$ 297,274
Excavation/Embankment	6682	CY	\$ 10.00	\$ 66,820
Drainage	5% EST		LUMP SUM	\$ 38,456
SWPP	5% EST		LUMP SUM	\$ 40,379
Clearing & Grubbing	5% EST		LUMP SUM	\$ 42,398
Traffic Control	5% EST		LUMP SUM	\$ 44,518
Miscellaneous	5% EST		LUMP SUM	\$ 46,744
Contingency	20% EST		LUMP SUM	\$ 196,323
Mobilization	5% EST		LUMP SUM	\$ 58,897
			<b>ROADWAY TOTAL</b>	<b>\$ 1,236,836</b>
Engineering	20% EST		LUMP SUM	\$ 247,367
			<b>TOTAL</b>	<b>\$ 1,484,200</b>
			<b>USE</b>	<b>\$ 1,500,000</b>

**PARAMETRIX**  
**October 5, 2007**

\$ 769,122

\$ 1,484,204

**Per Mile**