

**Gem County CIP, Construction cost per mile
MINOR COLLECTOR
(Flat Terrain)
(Full Reconstruction)**

**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	\$ 65.00	\$ 186,615	
Gravel Base (4")	2906	CY	\$ 20.00	\$ 58,120	
Subbase (16")	11994	CY	\$ 15.00	\$ 179,910	
Excavation/Embankment	6682	CY	\$ 10.00	\$ 66,820	\$ 491,465
Drainage	5%	EST	LUMP SUM	\$ 24,573	
SWPP	5%	EST	LUMP SUM	\$ 25,802	
Clearing & Grubbing	5%	EST	LUMP SUM	\$ 27,092	
Traffic Control	5%	EST	LUMP SUM	\$ 28,447	
Miscellaneous	5%	EST	LUMP SUM	\$ 29,869	
Contingency	20%	EST	LUMP SUM	\$ 125,450	
Mobilization	5%	EST	LUMP SUM	\$ 37,635	
			ROADWAY TOTAL	\$ 790,332	
Engineering	20%	EST	LUMP SUM	\$ 158,066	\$ 948,399
			TOTAL	\$ 948,400	

USE \$ 950,000 Per Mile

**Gem County CIP, Construction cost per mile
MAJOR COLLECTOR
(Flat Terrain)
(Full Reconstruction)**

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

ITEM	QUANTITY	UNITS	UNIT COST	TOTAL
Asphalt (4")	4594	TON	\$ 65.00	\$ 298,610
Gravel Base (4")	3477	CY	\$ 20.00	\$ 69,540
Subbase (18")	15646	CY	\$ 15.00	\$ 234,690
Excavation/Embankment	6682	CY	\$ 10.00	\$ 66,820
Drainage	5%	EST	LUMP SUM	\$ 33,483
SWPP	5%	EST	LUMP SUM	\$ 35,157
Clearing & Grubbing	5%	EST	LUMP SUM	\$ 36,915
Traffic Control	5%	EST	LUMP SUM	\$ 38,761
Miscellaneous	5%	EST	LUMP SUM	\$ 40,699
Contingency	20%	EST	LUMP SUM	\$ 170,935
Mobilization	5%	EST	LUMP SUM	\$ 51,280
			ROADWAY TOTAL	\$ 1,076,890
Engineering	20%	EST	LUMP SUM	\$ 215,378
			TOTAL	\$ 1,292,300
			USE	\$ 1,300,000

PARAMETRIX
October 5, 2007

\$ 669,660

\$ 1,292,268

Per Mile

**Gem County CIP, Construction cost per mile
MAJOR COLLECTOR
(Flat Terrain)
(Partial Reconstruction)**

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

**PARAMETRIX
October 5, 2007**

ITEM	QUANTITY UNITS	UNIT COST	TOTAL	
Asphalt (4")	4594 TON	\$65.00	\$298,610	
Gravel Base (4")	3477 CY	\$20.00	\$69,540	
Subbase (18")	8606 CY	\$15.00	\$129,090	
Excavation/Embankment	2445 CY	\$10.00	\$24,450	\$521,690
Drainage	5% EST	LUMP SUM	\$ 26,085	
SWPP	5% EST	LUMP SUM	\$ 27,389	
Clearing & Grubbing	5% EST	LUMP SUM	\$ 28,758	
Traffic Control	5% EST	LUMP SUM	\$ 30,196	
Miscellaneous	5% EST	LUMP SUM	\$ 31,706	
Contingency	20% EST	LUMP SUM	\$ 133,165	
Mobilization	5% EST	LUMP SUM	\$ 39,949	
		ROADWAY TOTAL	\$ 838,937	
Engineering	20% EST	LUMP SUM	\$ 167,787	
		TOTAL	\$ 1,006,700	

USE	\$1,000,000	Per Mile
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