

**MEMORANDUM**

**To:** Mike Pivero, Road Agent  
**From:** Mike Vignale, KVPartners, LLC  
**Project:** Roadway Condition Evaluation  
**Subject:** Approximate Construction Estimate  
**Date:** February 5, 2014

**THORNELL ROAD**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COSTS
1	Mobilization	1	LS	\$10,000.00	\$10,000
2	Site Preparation	1	LS	\$4,500.00	\$4,500
3	Excavation	0	CY	\$12.00	\$0
4	Reclaimed Base Course	12000	SY	\$1.75	\$21,000
5	Gravel	0	CY	\$16.00	\$0
6	Crushed Gravel	250	CY	\$22.00	\$5,500
7	Hot Bituminous Pavement Base and Surface	2,800	TON	\$80.00	\$224,000
8	Bituminous Concrete Berm	1,000	LF	\$3.50	\$3,500
9	Vegetated Swale/Rebuild Stone Swale	2,200	LF	\$6.50	\$14,300
10	Catch Basin - Drain	0	EA	\$2,000.00	\$0
11	6" Underdrain	0	LF	\$20.00	\$0
12	18" HDPE	40	LF	\$35.00	\$1,400
13	Pipe End Sections	4	EA	\$250.00	\$1,000
14	Loam and Seed	2000	SY	\$2.00	\$4,000
15	Erosion Control (Project wide)	1	LS	\$2,500.00	\$2,500
16	Traffic Control (Project wide)	1	LS	\$2,500.00	\$2,500
	Miscellaneous (10%)	1	LS	\$27,470.00	\$27,470

**TOTAL:** **\$321,670**

Engineering and Contingency (10%)

**\$32,167**

**SAY:** **\$354,000**

**Average Per Foot Cost**

**\$64.36**