

ST-278: Ravenstone and Stone Hill Estates Paving 2016 - Bid Analysis

				Engineers Estimate		Fred Smith Company	
No.	Bid Item Description	Units	QTY	Unit Price	Cost	Unit Price	Cost
1	Asphalt Binder for Plant Mix - Grade PG64-22	TON	550	\$ 420.00	\$ 231,000.00	\$ 540.00	\$ 297,000.00
2	Asphalt Base Course - Type B25.0	TON	1800	\$ 35.00	\$ 63,000.00	\$ 118.00	\$ 212,400.00
3	Asphalt Surface Course - Type S9.5B (1.5")	TON	4065	\$ 40.00	\$ 162,600.00	\$ 74.00	\$ 300,810.00
4	Asphalt Surface - Type S9.5A (1.5")	TON	2660	\$ 45.00	\$ 119,700.00	\$ 82.00	\$ 218,120.00
5	Modified Recycled Base Course (Full Depth Reclamation 12-14")	SY	48350	\$ 6.50	\$ 314,275.00	\$ 11.00	\$ 531,850.00
6	Portland Cement for Cement Modified Recycled Base	TON	970	\$ 140.00	\$ 135,800.00	\$ 150.00	\$ 145,500.00
7	Micro-Surfacing (1/4" thick overlay)	SY	59110	\$ 4.00	\$ 236,440.00	\$ 2.80	\$ 165,508.00
8	Pavement Structure Repair (upto depth 12")	SY	2500	\$ 15.00	\$ 37,500.00	\$ 41.00	\$ 102,500.00
9	Manhole/Drainage Structure Adjustments	EA	110	\$ 350.00	\$ 38,500.00	\$ 600.00	\$ 66,000.00
10	Valve and Meter Box Adjustments	EA	80	\$ 575.00	\$ 46,000.00	\$ 600.00	\$ 48,000.00
11	Valve and Meter Box Frame and Cover Replacement	EA	5	\$ 300.00	\$ 1,500.00	\$ 750.00	\$ 3,750.00
12	Burrow Excavation	CY	2500	\$ 75.00	\$ 187,500.00	\$ 68.00	\$ 170,000.00
13	Undercut Excavation	CY	500	\$ 54.00	\$ 27,000.00	\$ 68.00	\$ 34,000.00
14	30" concrete rolled curb and gutter	LF	2000	\$ 50.00	\$ 100,000.00	\$ 30.00	\$ 60,000.00
15	24" concrete curb and gutter	LF	200	\$ 40.00	\$ 8,000.00	\$ 30.00	\$ 6,000.00
16	4" concrete sidewalk (5ft wide)	LF	1500	\$ 60.00	\$ 90,000.00	\$ 25.00	\$ 37,500.00
17	Temporary No Parking Signs (Install and Remove)	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 7,500.00	\$ 7,500.00
18	15-inch R.C. Pipe Culvert, Class III (0 to 5-feet)	LF	825	\$ 45.00	\$ 37,125.00	\$ 315.00	\$ 259,875.00
19	15-inch R.C. Pipe Culvert, Class III (5.1 to 11-feet)	LF	240	\$ 50.00	\$ 12,000.00	\$ 390.00	\$ 93,600.00
20	18-inch R.C. Pipe Culvert, Class III (0 to 5-feet)	LF	680	\$ 55.00	\$ 37,400.00	\$ 320.00	\$ 217,600.00
21	18-inch R.C. Pipe Culvert, Class III (5.1 to 11-feet)	LF	100	\$ 59.00	\$ 5,900.00	\$ 395.00	\$ 39,500.00
22	24-inch R.C. Pipe Culvert, Class III (0 to 5-feet)	LF	385	\$ 60.00	\$ 23,100.00	\$ 325.00	\$ 125,125.00
23	24-inch R.C. Pipe Culvert, Class III (5.1 to 11-feet)	LF	35	\$ 66.00	\$ 2,310.00	\$ 400.00	\$ 14,000.00
24	30-inch R.C. Pipe Culvert, Class III (0 to 5-feet)	LF	100	\$ 75.00	\$ 7,500.00	\$ 360.00	\$ 36,000.00
25	30-inch R.C. Pipe Culvert, Class III (5.1 to 11-feet)	LF	100	\$ 80.00	\$ 8,000.00	\$ 415.00	\$ 41,500.00
26	36-inch R.C. Pipe Culvert, Class III (0 to 5-feet)	LF	435	\$ 85.00	\$ 36,975.00	\$ 375.00	\$ 163,125.00
27	36-inch R.C. Pipe Culvert, Class III (5.1 to 11-feet)	LF	100	\$ 91.00	\$ 9,100.00	\$ 485.00	\$ 48,500.00
28	Foundation Conditioning Geotextile	SY	1200	\$ 5.00	\$ 6,000.00	\$ 2.20	\$ 2,640.00
29	Foundation Conditioning Material	TON	1000	\$ 60.00	\$ 60,000.00	\$ 31.00	\$ 31,000.00
30	MS4 Inspections	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 15,500.00	\$ 15,500.00
31	Cleaning for MS4 Inspections	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 11,500.00	\$ 11,500.00
32	Seeding and Mulching	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 30,000.00	\$ 30,000.00
33	Traffic Control	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 120,000.00	\$ 120,000.00
34	Mobilization for Paving(5% Max of Subtotal)	LS	1	\$ 70,000.00	\$ 70,000.00	\$ 101,500.00	\$ 101,500.00
35	Mobilization for Storm Pipe Replacement	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 59,000.00	\$ 59,000.00
BID TOTAL					\$ 2,196,725.00		\$ 3,816,403.00