

ST-280: 2016 Street Repairs and Repaving - Bid Analysis

No.	Bid Item Description	Units	QTY	Engineers Estimate		Barnhill Contracting Company		Fred Smith Company		Carolina Sunrock, LLC	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Asphalt Base Course - Type B25.0B	TON	8,500	35.00	\$ 297,500.00	\$ 30.00	\$ 255,000.00	\$ 30.00	\$ 255,000.00	\$ 36.40	\$ 309,400.00
2	Asphalt Binder for Plant Mix - Grade PG64-22	TON	750	400.00	\$ 300,000.00	\$ 420.00	\$ 315,000.00	\$ 400.00	\$ 300,000.00	\$ 489.79	\$ 367,342.50
3	Asphalt Surface Course - Type S9.5B	TON	8,300	40.00	\$ 332,000.00	\$ 51.00	\$ 423,300.00	\$ 55.00	\$ 456,500.00	\$ 43.92	\$ 364,536.00
4	Modified Recycled Base Course (Full Depth Reclamation 12-14")	SY	16,928	7.00	\$ 118,496.00	\$ 6.50	\$ 110,032.00	\$ 6.99	\$ 118,326.72	\$ 5.35	\$ 90,564.80
5	Portland Cement for Cement Modified Recycled Base	TON	350	120.00	\$ 42,000.00	\$ 144.00	\$ 50,400.00	\$ 144.00	\$ 50,400.00	\$ 170.13	\$ 59,545.50
6	Micro-Surfacing (1/4" thick overlay)	SY	10,500	3.00	\$ 31,500.00	\$ 5.15	\$ 54,075.00	\$ 5.15	\$ 54,075.00	\$ 6.08	\$ 63,840.00
7	Manhole Frame and Cover Replacement	EA	20	600.00	\$ 12,000.00	\$ 850.00	\$ 17,000.00	\$ 1,500.00	\$ 30,000.00	\$ 1,063.30	\$ 21,266.00
8	Manhole Adjustments	EA	35	350.00	\$ 12,250.00	\$ 1,500.00	\$ 52,500.00	\$ 1,100.00	\$ 38,500.00	\$ 742.62	\$ 25,991.70
9	Milling Asphalt - Upto 3.0"	SY	59,500	2.50	\$ 148,750.00	\$ 3.00	\$ 178,500.00	\$ 2.74	\$ 163,030.00	\$ 3.72	\$ 221,340.00
10	Milling Asphalt - 3 to 6"	SY	5,000	2.75	\$ 13,750.00	\$ 4.60	\$ 23,000.00	\$ 4.74	\$ 23,700.00	\$ 5.07	\$ 25,350.00
11	Milling Asphalt - 6 to 9"	SY	5,000	3.00	\$ 15,000.00	\$ 6.00	\$ 30,000.00	\$ 6.67	\$ 33,350.00	\$ 6.77	\$ 33,850.00
12	Pavement Structure Repair (10" to 18" Below Existing Pavement)	SY	500	22.00	\$ 11,000.00	\$ 35.50	\$ 17,750.00	\$ 35.42	\$ 17,710.00	\$ 44.15	\$ 22,075.00
13	Pavement Structure Repair (0" to 10" Below Existing Pavement)	SY	15,000	12.00	\$ 180,000.00	\$ 11.30	\$ 169,500.00	\$ 11.32	\$ 169,800.00	\$ 14.16	\$ 212,400.00
14	Temporary No Parking Signs (Install and Remove)	EA	20	40.00	\$ 800.00	\$ 100.00	\$ 2,000.00	\$ 239.00	\$ 4,780.00	\$ 316.27	\$ 6,325.40
15	Valve and Meter Box Adjustments	EA	15	600.00	\$ 9,000.00	\$ 840.00	\$ 12,600.00	\$ 1,100.00	\$ 16,500.00	\$ 787.63	\$ 11,814.45
16	Valve and Meter Box Frame and Cover Replacement	EA	5	300.00	\$ 1,500.00	\$ 650.00	\$ 3,250.00	\$ 1,350.00	\$ 6,750.00	\$ 886.08	\$ 4,430.40
17	Incidental ABC Stone	TON	50	50.00	\$ 2,500.00	\$ 120.00	\$ 6,000.00	\$ 48.00	\$ 2,400.00	\$ 100.58	\$ 5,029.00
18	Seeding and Mulching	SY	1,200	2.00	\$ 2,400.00	\$ 2.00	\$ 2,400.00	\$ 3.42	\$ 4,104.00	\$ 4.73	\$ 5,676.00
19	Grading	LS	1	20,000.00	\$ 20,000.00	\$ 30,000.00	\$ 30,000.00	\$ 25,000.00	\$ 25,000.00	\$ 99,921.76	\$ 99,921.76
20	Thermo Pvmt Marking Lines (4", 90 mils) - White	LF	30,400	1.00	\$ 30,400.00	\$ 0.70	\$ 21,280.00	\$ 0.70	\$ 21,280.00	\$ 0.83	\$ 25,232.00
21	Thermo Pvmt Marking Lines (4", 120 mils) - White	LF	2,750	1.00	\$ 2,750.00	\$ 0.90	\$ 2,475.00	\$ 0.90	\$ 2,475.00	\$ 1.06	\$ 2,915.00
22	Thermo Pvmt Marking Lines (4", 120 mils) - Yellow	LF	33,500	1.00	\$ 33,500.00	\$ 0.90	\$ 30,150.00	\$ 0.90	\$ 30,150.00	\$ 1.06	\$ 35,510.00
23	Thermo Pvmt Marking Lines (8", 90 mils) - Yellow	LF	700	2.00	\$ 1,400.00	\$ 4.00	\$ 2,800.00	\$ 4.00	\$ 2,800.00	\$ 4.73	\$ 3,311.00
24	Thermo Pvmt Marking Lines (8", 120 mils) - White	LF	130	2.00	\$ 260.00	\$ 4.00	\$ 520.00	\$ 4.00	\$ 520.00	\$ 4.73	\$ 614.90
25	Thermo Pvmt Marking Lines (16", 120 mils) - White	LF	670	8.00	\$ 5,360.00	\$ 10.00	\$ 6,700.00	\$ 10.00	\$ 6,700.00	\$ 11.81	\$ 7,912.70
26	Thermo Pvmt Marking Lines (24", 120 mils) - White	LF	685	15.00	\$ 10,275.00	\$ 15.00	\$ 10,275.00	\$ 15.00	\$ 10,275.00	\$ 17.72	\$ 12,138.20
27	Thermo Pvmt Marking Characters	EA	12	80.00	\$ 960.00	\$ 100.00	\$ 1,200.00	\$ 100.00	\$ 1,200.00	\$ 118.15	\$ 1,417.80
28	Thermoplastic Left Turn Arrow (120 mils)	EA	47	150.00	\$ 7,050.00	\$ 125.00	\$ 5,875.00	\$ 125.00	\$ 5,875.00	\$ 147.68	\$ 6,940.96
29	Thermoplastic Combo Right/Straight Arrow (120 mils)	EA	3	300.00	\$ 900.00	\$ 250.00	\$ 750.00	\$ 250.00	\$ 750.00	\$ 295.36	\$ 886.08
30	Thermoplastic Combo Soft Left/Hard Left Arrow (120 mils)	EA	1	300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 354.44	\$ 354.44
31	Thermoplastic Soft Left Arrow (120 mils)	EA	1	200.00	\$ 200.00	\$ 125.00	\$ 125.00	\$ 125.00	\$ 125.00	\$ 147.68	\$ 147.68
32	Thermoplastic Combo Soft Right/Hard Right Arrow (120 mils)	EA	1	300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 354.44	\$ 354.44
33	Thermoplastic Bicycle Symbol (90 mils)	EA	32	300.00	\$ 9,600.00	\$ 350.00	\$ 11,200.00	\$ 350.00	\$ 11,200.00	\$ 413.51	\$ 13,232.32
34	Thermoplastic Bicycle Straight Arrow (90 mils)	EA	32	120.00	\$ 3,840.00	\$ 125.00	\$ 4,000.00	\$ 125.00	\$ 4,000.00	\$ 147.68	\$ 4,725.76
35	Thermoplastic Sharrow (90 mils)	EA	10	400.00	\$ 4,000.00	\$ 650.00	\$ 6,500.00	\$ 650.00	\$ 6,500.00	\$ 767.94	\$ 7,679.40
36	Thermoplastic Bicycle Loop Detector	EA	4	250.00	\$ 1,000.00	\$ 250.00	\$ 1,000.00	\$ 250.00	\$ 1,000.00	\$ 295.36	\$ 1,181.44
37	Inductive Loop	LF	1,900	6.00	\$ 11,400.00	\$ 5.50	\$ 10,450.00	\$ 5.50	\$ 10,450.00	\$ 8.93	\$ 16,967.00
38	Removal of thermo Pvmt Marking Lines	LF	3,500	1.50	\$ 5,250.00	\$ 1.00	\$ 3,500.00	\$ 1.00	\$ 3,500.00	\$ 1.18	\$ 4,130.00
39	Removal of thermo Pvmt Marking Symbols	EA	25	40.00	\$ 1,000.00	\$ 50.00	\$ 1,250.00	\$ 50.00	\$ 1,250.00	\$ 59.07	\$ 1,476.75
40	Traffic Control	LS	1	15,000.00	\$ 15,000.00	\$ 14,800.00	\$ 14,800.00	\$ 115,000.00	\$ 115,000.00	\$ 73,602.27	\$ 73,602.27
41	Mobilization (Max 5% of Subtotal)	LS	1	75,000.00	\$ 75,000.00	\$ 76,160.00	\$ 76,160.00	\$ 100,000.00	\$ 100,000.00	\$ 113,408.11	\$ 113,408.11
BID TOTAL					\$ 1,770,191.00		\$ 1,963,917.00		\$ 2,105,575.72		\$ 2,284,836.76

* Apparent Low Bid