

ENGINEER'S ESTIMATE \$1,143,902		Engineer's Estimate			P & S Paving		
DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT
Mobilization	LS	\$ 94,537.32	1.000	\$ 94,537.32	\$ 129,000.00	1.00	\$ 129,000.00
Grading/Final Dressing	LS			\$ -	\$ 63,000.00	1.00	\$ 63,000.00
Survey/Layout/As Builts	LS			\$ -	\$ 42,000.00	1.00	\$ 42,000.00
Payment/Performance Bond	LS			\$ -	\$ 12,000.00	1.00	\$ 12,000.00
Quality Control Testing	LS			\$ -	\$ 31,000.00	1.00	\$ 31,000.00
NPDES Permit	LS			\$ -	\$ 500.00	1.00	\$ 500.00
Portable Toilet	LS			\$ -	\$ 1,000.00	1.00	\$ 1,000.00
Maintenance of Traffic	LS	\$ 103,991.06	1.000	\$ 103,991.06	\$ 165,000.00	1.00	\$ 165,000.00
Work Zone Sign	ED	\$ 0.30	35620.000	\$ 10,686.00	\$ 0.45	30000.00	\$ 13,500.00
Temporary Barrier, F&I, Anchored	LF	\$ 24.02	840.000	\$ 20,176.80	\$ 31.00	836.00	\$ 25,916.00
Channelizing Device - Types I, II, DI, VP, Drum, or LCD	ED	\$ 0.13	75570.000	\$ 9,824.10	\$ 0.15	20000.00	\$ 3,000.00
Temporary Crash Cushion, Redirective Option	LO	\$ 982.30	2.000	\$ 1,964.60	\$ 4,300.00	2.00	\$ 8,600.00
Portable Changeable Message Sign, Temporary	ED	\$ 11.87	417.000	\$ 4,949.79	\$ 22.50	400.00	\$ 9,000.00
Temporary Raised Rumble Strips	DA	\$ 32.03	260.000	\$ 8,327.80	\$ 12.50	200.00	\$ 2,500.00
Sediment Barrier	LF	\$ 1.87	16380.508	\$ 30,631.55	\$ 2.00	13300.00	\$ 26,600.00
Staked Turbidity Barrier – Nylon Reinforced PVC	LF	\$ 4.97	110.000	\$ 546.70	\$ 8.00	80.00	\$ 640.00
Inlet Protection System	EA	\$ 115.69	3.000	\$ 347.07	\$ 180.00	1.00	\$ 180.00
Litter Removal	AC	\$ 27.94	62.656	\$ 1,750.61	\$ 50.00	230.00	\$ 11,500.00
Mowing	AC	\$ 45.47	72.820	\$ 3,311.13	\$ 50.00	230.00	\$ 11,500.00
Clearing and Grubbing	AC	\$ 10,348.06	4.590	\$ 47,456.20	\$ 90,000.00	1.00	\$ 90,000.00
Selective Clearing and Grubbing, areas with trees to remain	AC	\$ 27,107.79	0.490	\$ 13,282.82	\$ 25,000.00	1.00	\$ 25,000.00
Removal of Existing Concrete	SY	\$ 20.01	5.329	\$ 106.65	\$ 100.00	6.00	\$ 600.00
Regular Excavation	CY	\$ 6.71	2571.000	\$ 17,251.41	\$ 15.00	2534.00	\$ 38,010.00
Subsoil Excavation	CY	\$ 7.56	1129.000	\$ 8,535.24	\$ 25.00	1251.00	\$ 31,275.00
Embankment	CY	\$ 8.63	1775.000	\$ 15,318.25	\$ 25.00	1996.00	\$ 49,900.00
Type B Stabilization	SY	\$ 5.47	7658.400	\$ 41,891.45	\$ 10.00	7683.00	\$ 76,830.00
Optional Base, Base Group 09	SY	\$ 21.37	5510.500	\$ 117,759.39	\$ 42.00	5799.00	\$ 243,558.00
Turnout Construction – Asphalt	TN	\$ 174.77	3.400	\$ 594.22	\$ 450.00	12.00	\$ 5,400.00
Superpave Asphaltic Concrete, Traffic B	TN	\$ 87.45	574.000	\$ 50,196.30	\$ 168.00	627.00	\$ 105,336.00
Asphalt Concrete Friction Course, Traffic B, FC-12.5, Pg 76-22	TN	\$ 110.93	432.600	\$ 47,988.32	\$ 230.00	470.00	\$ 108,100.00
Miscellaneous Asphalt Pavement	TN	\$ 142.57	7.740	\$ 1,103.49	\$ 230.00	48.00	\$ 11,040.00
Pipe Culvert, Optional Material, Round, 18" S/CD	LF	\$ 75.17	50.000	\$ 3,758.50	\$ 215.00	50.00	\$ 10,750.00
Mitered End Section, Optional Round, 18" CD	EA	\$ 1,604.92	2.000	\$ 3,209.84	\$ 3,500.00	2.00	\$ 7,000.00
Concrete Curb and Gutter, Type F	LF	\$ 26.14	22.480	\$ 587.63	\$ 200.00	22.00	\$ 4,400.00
Guardrail – Roadway, General TL-3	LF	\$ 15.90	694.000	\$ 11,034.60	\$ 33.00	689.00	\$ 22,737.00
Special Guardrail Post – Deep Post for Slope Break Condition – Timber Or Steel	EA	\$ 50.68	94.000	\$ 4,763.92	\$ 170.00	1.00	\$ 170.00
Guardrail End Treatment – Parallel Approach Terminal	EA	\$ 2,814.52	2.000	\$ 5,629.04	\$ 3,700.00	2.00	\$ 7,400.00
Performance Turf, Sod	SY	\$ 2.66	16690.000	\$ 44,395.40	\$ 3.50	30200.00	\$ 105,700.00
Conduit, Furnish & Install, Open Trench	LF	\$ 7.34	39.000	\$ 286.26	\$ 15.00	39.00	\$ 585.00
Conduit, Furnish & Install, Directional Bore	LF	\$ 20.13	60.000	\$ 1,207.80	\$ 20.00	60.00	\$ 1,200.00
Signal Cable, - New or reconstructed intersection, Furnish and Install	PI	\$ 4,687.85	1.000	\$ 4,687.85	\$ 6,400.00	1.00	\$ 6,400.00
Pull & Splice box, F&I, 13" x 24" Cover Size	EA	\$ 741.35	4.000	\$ 2,965.40	\$ 1,100.00	4.00	\$ 4,400.00
Electrical Power Service, F&I, Overhead, Meter Furnished by Power Company	AS	\$ 1,456.26	1.000	\$ 1,456.26	\$ 2,600.00	1.00	\$ 2,600.00
Electrical Service Wire, Furnish & Install	LF	\$ 6.26	29.000	\$ 181.54	\$ 4.50	29.00	\$ 130.50
Prestressed Concrete Pole, F&I, Type P-11 Service Pole	EA	\$ 1,409.40	1.000	\$ 1,409.40	\$ 890.00	1.00	\$ 890.00
Steel Mast Arm Assembly, Furnish and Install, Single Arm 78'	EA	\$ 58,536.45	1.000	\$ 58,536.45	\$ 71,000.00	1.00	\$ 71,000.00
Vehicular Traffic Signal, Furnish & Install Aluminum, 1 Section, 1 Way	AS	\$ 810.00	8.000	\$ 6,480.00	\$ 760.00	8.00	\$ 6,080.00
Traffic Controller Assembly, F&I, NEMA, 1 Preemption	AS	\$ 34,666.55	1.000	\$ 34,666.55	\$ 33,000.00	1.00	\$ 33,000.00
Uninterruptible Power Supply, Furnish and Install, Line Interactive with	EA	\$ 7,724.48	1.000	\$ 7,724.48	\$ 7,500.00	2.00	\$ 15,000.00
Internally Illuminated Sign, Furnish and Install, Overhead Mount, 12-18	EA	\$ 3,715.72	2.000	\$ 7,431.44	\$ 3,800.00	2.00	\$ 7,600.00
Single Post Sign, F&I Ground Mount, up to 12 SF	AS	\$ 344.32	6.000	\$ 2,065.92	\$ 930.00	5.00	\$ 4,650.00
Single Post Sign, Remove	AS	\$ 32.15	3.000	\$ 96.45	\$ 180.00	3.00	\$ 540.00
Sign Panel, Relocate, Up to 12 SF	EA	\$ 104.74	4.000	\$ 418.96	\$ 370.00	4.00	\$ 1,480.00
Sign Beacon, F&I Ground Mount – Solar Powered, One Beacon	AS	\$ 6,395.78	3.000	\$ 19,187.34	\$ 8,600.00	2.00	\$ 17,200.00

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DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT
Profiled Thermoplastic, Standard – Asphalt Surfaces, White, Solid 6”	GM	\$ 5,852.61	13.152	\$ 76,973.53	\$ 7,100.00	13.88	\$ 98,548.00
Profiled Thermoplastic, Standard – Asphalt Surfaces, Yellow, Solid 6”	GM	\$ 6,056.53	10.364	\$ 62,769.88	\$ 7,000.00	10.48	\$ 73,360.00
Profiled Thermoplastic, Standard – Asphalt Surfaces, Yellow , Skip, 6”	GM	\$ 1,700.00	1.600	\$ 2,720.00	\$ 2,000.00	1.63	\$ 3,260.00
Retro-reflective Raised Pavement Markers	EA	\$ 3.38	2139.000	\$ 7,229.82	\$ 4.50	3350.00	\$ 15,075.00
Painted Pavement Markings – Standard, White, Solid, 6”	GM	\$ 973.55	13.664	\$ 13,302.59	\$ 1,500.00	15.00	\$ 22,500.00
Painted Pavement Markings, Standard, White, Solid for Crosswalk and Round	LF	\$ 1.00	166.000	\$ 166.00	\$ 0.95	360.00	\$ 342.00
Painted Pavement Markings, Standard, White Solid for Stop Line or Crosswalk	LF	\$ 1.40	87.000	\$ 121.80	\$ 3.75	90.00	\$ 337.50
Painted Pavement Markings, Standard, White, Message or Symbol	EA	\$ 48.55	1.000	\$ 48.55	\$ 93.75	1.00	\$ 93.75
Painted Pavement Markings, Standard, Yellow, Solid, 6”	GM	\$ 1,048.79	11.165	\$ 11,709.74	\$ 1,500.00	10.50	\$ 15,750.00
Painted Pavement Markings, Standard, Yellow, Solid for Diagonal or Chevron	LF	\$ 1.61	577.700	\$ 930.10	\$ 2.50	760.00	\$ 1,900.00
Painted Pavement Markings, Standard, Yellow, Skip, 6”	GM	\$ 584.96	1.600	\$ 935.94	\$ 437.50	1.60	\$ 700.00
Thermoplastic, Standard, White, Solid, 12” for Crosswalk and Roundabout	LF	\$ 2.54	166.000	\$ 421.64	\$ 3.15	360.00	\$ 1,134.00
Thermoplastic, Standard, Shite, Solid, 24” for Stop Line and Crosswalk	LF	\$ 4.55	87.000	\$ 395.85	\$ 6.90	90.00	\$ 621.00
Thermoplastic, Standard, White, Message or Symbol	EA	\$ 117.58	1.000	\$ 117.58	\$ 250.00	1.00	\$ 250.00
Thermoplastic, Standard, Yellow, Solid, 18” for Diagonal or Chevron	LF	\$ 3.56	578.000	\$ 2,057.68	\$ 4.50	760.00	\$ 3,420.00
Thermoplastic, Preformed, White, Solid, 24” for Crosswalk	LF	\$ 15.87	135.000	\$ 2,142.45	\$ 25.00	80.00	\$ 2,000.00
Thermoplastic, Standard – Other Surfaces, White, Solid, 6”	GM	\$ 4,126.56	0.512	\$ 2,112.80	\$ 7,249.99	0.85	\$ 6,162.49
Thermoplastic, Standard, Other Surfaces, Yellow, Solid, 6”	GM	\$ 4,171.74	0.836	\$ 3,487.57	\$ 7,250.00	0.70	\$ 5,075.00
Thermoplastic, Remove Existing Thermoplastic Pavement Markings – Non Conflicting	SF	\$ 1.44	56631.000	\$ 81,548.64	\$ 0.60	68000.00	\$ 40,800.00
				\$ -			\$ -
				\$ -			\$ -
<b>TOTAL LUMP SUM BID</b>				<b>\$ 1,143,901.43</b>			<b>\$ 1,963,726.24</b>
<b>NUMBER OF CALENDAR DAYS</b>							<b>250</b>
<b>COMMENTS</b>							