

SIMPSON ROAD SOUTH
60% ESTIMATE OF PROBABLE CONSTRUCTION COST
US 192 TO FORTUNE ROAD
County Bid No. TBD

BID ITEM NO.	FDOT PAY ITEM NO.	UNIT	APPROX. QUANTITY	ITEM DESCRIPTION	Unit Cost	ESTIMATE OPC
1	0101 1	LS	1	MOBILIZATION	\$ 788,000.00	\$ 788,000.00
2	0102 1	LS	1	MAINTENANCE OF TRAFFIC	\$ 907,000.00	\$ 907,000.00
3	0104 10 3	LF	23,247	SEDIMENT BARRIER	\$ 1.62	\$ 37,660.14
4	0104 11	LF	80	FLOATING TURBIDITY BARRIER	\$ 9.42	\$ 753.60
5	0104 15	EA	2	SOIL TRACKING PREVENTION DEVICE	\$ 2,404.92	\$ 4,809.84
6	0104 18	EA	63	INLET PROTECTION SYSTEM	\$ 102.99	\$ 6,488.37
7	0110 1 1	AC	11.30	CLEARING & GRUBBING	\$ 18,839.60	\$ 212,887.48
8	0110 4 10	SY	1,170	REMOVAL OF EXISTING CONCRETE	\$ 20.88	\$ 24,429.60
9	0120 1	CY	73,815.0	REGULAR EXCAVATION	\$ 8.46	\$ 624,474.90
10	0120 6	CY	5,694.0	EMBANKMENT	\$ 11.10	\$ 63,203.40
11	0160 4	SY	32,936	TYPE B STABILIZATION	\$ 5.07	\$ 166,985.52
12	0285709	SY	29,061	OPTIONAL BASE, BASE GROUP 09	\$ 19.00	\$ 552,159.00
13	0334 1 13	TN	3,878.5	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	\$ 96.55	\$ 374,469.18
14	0337 7 83	TN	2,183.9	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	\$ 111.60	\$ 243,723.24
15	0400 0 11	CY	376.6	CONCRETE CLASS NS, GRAVITY WALL	\$ 545.97	\$ 205,612.30
16	0425 1351	EA	45	INLETS, CURB, TYPE P-5, <10'	\$ 4,959.45	\$ 223,175.25
17	0425 1361	EA	11	INLETS, CURB, TYPE P-6, <10'	\$ 5,257.84	\$ 57,836.24
18	0425 1451	EA	5	INLETS, CURB, TYPE J-5, <10'	\$ 6,736.69	\$ 33,683.45
19	0425 1581	EA	1	INLETS, DT BOT, TYPE H, <10'	\$ 5,943.46	\$ 5,943.46
20	0425 1711	EA	1	INLETS, GUTTER, TYPE V, <10'	\$ 4,362.39	\$ 4,362.39
21	0425 2 41	EA	8	MANHOLES, P-7, <10'	\$ 4,819.62	\$ 38,556.96
22	0425 2 71	EA	13	MANHOLES, J-7, <10'	\$ 9,423.08	\$ 122,500.04
23	0430175112	LF	16	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 12"S/CD	\$ 52.40	\$ 838.40
24	0430175115	LF	41	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	\$ 117.06	\$ 4,799.46
25	0430175118	LF	2,684	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	\$ 78.38	\$ 210,371.92
26	0430175124	LF	964	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	\$ 89.80	\$ 86,567.20
27	0430175130	LF	643	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	\$ 111.55	\$ 71,726.65
28	0430175136	LF	1,420	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	\$ 133.23	\$ 189,186.60
29	0430175142	LF	929	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	\$ 156.48	\$ 145,369.92
30	0430175148	LF	762	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	\$ 189.02	\$ 144,033.24
31	0430175218	LF	24	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	\$ 104.03	\$ 2,496.72
32	0430175224	LF	587	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	\$ 115.51	\$ 67,804.37
33	0430175230	LF	835	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30"S/CD	\$ 139.04	\$ 116,098.40
34	0430175248	LF	566	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 48"S/CD	\$ 325.00	\$ 183,950.00
35	0430548102	EA	2	STRAIGHT CONCRETE ENDWALLS, 48" SINGLE, 0 DEGREES, ELLIPTICAL	\$ 7,830.00	\$ 15,660.00
36	0430982141	EA	1	MITERED END SECTION, OPTIONAL ROUND, 48" CD	\$ 3,521.34	\$ 3,521.34
37	0430982625	EA	1	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 18" CD	\$ 1,620.75	\$ 1,620.75
38	0430982629	EA	1	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	\$ 1,689.19	\$ 1,689.19
39	0430984633	EA	1	MITERED END SECT, OPTIONAL /ELLIP/ARCH, 30" SD	\$ 3,659.99	\$ 3,659.99
40	0515 2111	LF	772	PEDESTRIAN / BICYCLE RAILING, NS, 42" TYPE 1	\$ 73.10	\$ 56,433.20
41	0520 1 7	LF	6,055	CONCRETE CURB & GUTTER, TYPE E	\$ 22.65	\$ 137,145.75
42	0520 1 10	LF	7,988	CONCRETE CURB & GUTTER, TYPE F	\$ 23.77	\$ 189,874.76
43	0520 2 2	LF	19	CONCRETE CURB, TYPE B	\$ 21.57	\$ 409.83
44	0520 5 11	LF	805	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	\$ 45.15	\$ 36,345.75
45	0520 70	SY	37	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	\$ 77.67	\$ 2,873.79
46	0522 1	SY	7,529	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	\$ 41.67	\$ 313,733.43

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47	0522 2	SY	97	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	\$ 61.00	\$ 5,917.00
48	0570 1 2	SY	55,987	PERFORMANCE TURF, SOD	\$ 2.78	\$ 155,643.86
49	0527 2	SF	534	DETECTABLE WARNINGS	\$ 29.86	\$ 15,945.24
50	0550 10120	LF	1,300	FENCING, TYPE A, 5.1-6.0, STANDARD	\$ 24.02	\$ 31,226.00
51	0550 10228	LF	375	FENCING, TYPE B, 5.1-6.0, RESET EXISTING	\$ 12.00	\$ 4,500.00
52	0700 1 11	AS	78	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	\$ 331.51	\$ 25,857.78
53	0700 1 12	AS	65	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	\$ 978.89	\$ 63,627.85
54	0700 1 60	AS	104	SINGLE POST SIGN, REMOVE	\$ 29.54	\$ 3,072.16
55	0700 2 13	AS	4	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	\$ 4,274.90	\$ 17,099.60
56	0700 2 60	AS	4	MULTI- POST SIGN, REMOVE	\$ 644.63	\$ 2,578.52
57	0704 1 1	EA	48	TUBULAR MARKER, DURABLE, 36" WHITE POST	\$ 73.08	\$ 3,507.84
58	0705 10 1	EA	44	OBJECT MARKER, TYPE 1	\$ 182.28	\$ 8,020.32
59	0706 1 1	EA	3,200	RAISED PAVEMENT MARKER, TYPE B WITHOUT FINAL SURFACE MARKINGS	\$ 4.58	\$ 14,656.00
60	0710 90	LS	1	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	\$ 26,078.37	\$ 26,078.37
61	0711 11102	GM	0.850	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	\$ 5,560.13	\$ 4,726.11
62	0711 11103	GM	0.243	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	\$ 9,330.88	\$ 2,267.40
63	0711 11123	LF	1,629	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	\$ 2.38	\$ 3,877.02
64	0711 11124	LF	165	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	\$ 3.13	\$ 516.45
65	0711 11125	LF	2,166	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	\$ 4.14	\$ 8,967.24
66	0711 11141	GM	0.700	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	\$ 1,817.79	\$ 1,272.45
67	0711 11160	EA	1	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	\$ 163.55	\$ 163.55
68	0711 11170	EA	110	THERMOPLASTIC, STANDARD, WHITE, ARROW	\$ 63.43	\$ 6,977.30
69	0711 11224	LF	266	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	\$ 3.52	\$ 936.32
70	0711 14123	LF	3,231	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	\$ 7.90	\$ 25,524.90
71	0711 14125	LF	5,590	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	\$ 14.76	\$ 82,508.40
72	0711 16101	GM	9.149	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	\$ 4,127.77	\$ 37,764.97
73	0711 16131	GM	9.452	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	\$ 1,490.48	\$ 14,088.02
74	0711 16133	GM	0.325	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	\$ 2,876.04	\$ 934.71
75	0711 16201	GM	6.912	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	\$ 4,186.16	\$ 28,934.74
76	0711 16231	GM	1.100	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	\$ 1,670.27	\$ 1,837.30
77	Signals	LS	1	SEE ITEMIZED ESTIMATE - 3 LOCATIONS	\$ 950,360.00	\$ 950,360.00
78	Lighting	Mi	1.080	CONDUIT AND PULL BOXES ONLY	\$ 113,027.20	\$ 122,069.38
79	ITS Component	LS	1	SEE ITEMIZED ESTIMATE	\$ 310,437.46	\$ 310,437.46
Subtotal:						\$ 8,666,819.27
10% Contingency						\$ 866,681.93
TOTAL						Say: \$ 9,534,000

**SIMPSON ROAD SOUTH
OPINION OF PROBABLE CONSTRUCTION COSTS
SIGNALIZATION**

FDOT PAY ITEM NO.	ITEM DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	ENGINEER'S OPC
Signals - US 192, New Beginnings, & Country Lane					
630-2-11	Conduit, Furnish & Install, Open Trench	LF	307	\$ 8.13	\$ 2,496.00
630-2-12	Conduit, Furnish & Install, Directional Bore	LF	911	\$ 25.48	\$ 23,213.00
632-7-1	Signal Cable - New or Reconstructed Intersection, Furnish & Install	PI	3	\$ 6,337.13	\$ 19,012.00
635-2-11	Pull & Splice Box, F&I, 13" x 24" Cover Size	EA	36	\$ 781.95	\$ 28,151.00
639-1-122	Electrical Power Service, F&I, Underground, Meter Purchased by Contractor	AS	3	\$ 4,229.37	\$ 12,689.00
639-2-1	Electrical Service Wire	LF	213	\$ 7.17	\$ 1,528.00
639-3-11	Electrical Service Disconnect, F&I, Pole Mount	EA	1	\$ 1,664.18	\$ 1,665.00
641-2-12	Prestressed Concrete Pole, F&I, Type P-II Service Pole	EA	4	\$ 1,577.96	\$ 6,312.00
641-2-70	Prestressed Concrete Pole, Shallow Pole Removal - Pole 30' and Greater	EA	2	\$ 5,656.15	\$ 11,313.00
646-1-11	Aluminum Signals Pole, Pedestal	EA	12	\$ 1,863.37	\$ 22,361.00
646-1-12	Aluminum Signals Pole, Furnish & Install, Pedestrian Detector Post	EA	2	\$ 1,583.53	\$ 3,168.00
646-1-60	Aluminum Signals Pole, Remove	EA	4	\$ 236.66	\$ 947.00
649-21-3	Steel Mast Arm Assembly, Furnish and Install, Single Arm, 40'	EA	1	\$ 42,008.22	\$ 42,009.00
649-21-8	Steel Mast Arm Assembly, Furnish and Install, Double Arm, 50' - 40'	EA	1	\$ 62,347.33	\$ 62,348.00
649-21-9	Steel Mast Arm Assembly, Furnish and Install, Double Arm, 50' - 50'	EA	1	\$ 49,272.80	\$ 49,273.00
649-21-10	Steel Mast Arm Assembly, Furnish and Install, Single Arm, 60'	EA	1	\$ 46,647.12	\$ 46,648.00
649-21-12	Steel Mast Arm Assembly, Furnish and Install, Double Arm, 60' - 40'	EA	1	\$ 52,318.62	\$ 52,319.00
649-21-15	Steel Mast Arm Assembly, Furnish and Install, Single Arm, 70'	EA	1	\$ 54,750.18	\$ 54,751.00
649-21-21	Steel Mast Arm Assembly, Furnish and Install, Single Arm, 78'	EA	3	\$ 56,402.36	\$ 169,208.00
650-1-14	Vehicular Traffic Signal, Furnish & Install Aluminum, 3 Section, 1 Way	AS	31	\$ 1,073.38	\$ 33,275.00
650-1-16	Vehicular Traffic Signal, Furnish & Install Aluminum, 4 Section, 1 Way	AS	7	\$ 1,262.54	\$ 8,838.00
650-1-19	Vehicular Traffic Signal, Furnish & Install Aluminum, 5 Section, 1 Way	AS	3	\$ 1,710.16	\$ 5,131.00
653-1-11	Pedestrian Signal, Furnish & Installed Led Countdown, 1 Way	AS	6	\$ 686.02	\$ 4,117.00
653-1-12	Pedestrian Signal, Furnish & Installed Led Countdown, 2 Ways	AS	8	\$ 1,445.47	\$ 11,564.00
660-3-11	Vehicle Detection System - Microwave, Furnish & Install Cabinet Equipment	EA	3	\$ 4,128.33	\$ 12,385.00
660-3-12	Vehicle Detection System - Microwave, Furnish & Install Above Ground Equipment	EA	8	\$ 8,535.81	\$ 68,287.00
660-4-12	Vehicle Detection System - Video, Furnish & Install Above Ground Equipment	EA	4	\$ 6,801.78	\$ 27,208.00
663-1-121	Signal Priority and Preemption System, F&I, GPS, Replace Cabinet Electronics	EA	3	\$ 5,852.80	\$ 17,559.00
663-1-122	Signal Priority and Preemption System, F&I, GPS, Detector	EA	3	\$ 5,107.03	\$ 15,322.00
665-1-11	Pedestrian Detector, Furnish & Install, Standard	EA	22	\$ 322.88	\$ 7,104.00
670-5-111	Traffic Controller Assembly, F&I, NEMA 1 Preemption	AS	2	\$ 30,213.79	\$ 60,428.00
670-5-400	Traffic Controller Assembly, Modify	AS	1	\$ 2,070.10	\$ 2,071.00
684-1-1	Managed Field Ethernet Switch, Furnish & Install	EA	2	\$ 5,252.92	\$ 10,506.00
685-1-12	Uninterruptible Power Supply, Furnish and Install, Online/Double Conversion	EA	2	\$ 4,278.27	\$ 8,557.00
700-5-22	Internally Illuminated Sign, Furnish & Install, Overhead Mount, 12-18 SF	EA	11	\$ 4,134.13	\$ 45,476.00
715-5-31	Luminaire & Bracket Arm - Aluminum, Furnish & Install New Luminaire and Arm on Existing Pole	EA	1	\$ 3,121.00	\$ 3,121.00
TOTAL SIGNALIZATION					\$ 950,360.00

**SIMPSON ROAD SOUTH
OPINION OF PROBABLE CONSTRUCTION COSTS
ITS COMPONENTS
US 192 TO FORTUNE ROAD**

FDOT PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	ENGINEER'S OPC
630-2-11	Conduit Open Trench	LF	1070	\$ 8.17	\$ 8,741.90
630-2-12	Conduit Directional Bore	LF	5368	\$ 25.80	\$ 138,494.40
633-1-121	Fiber Cable Underground F&I 2-12 Fibers	LF	0		\$ -
633-1-122	Fiber Cable Underground, F&I 13-48 Fibers	LF	6000	\$ 2.33	\$ 13,980.00
633-1-123	Fiber Cable Underground F&I 49-96 Fibers	LF	6130	\$ 3.69	\$ 22,619.70
633-1-620	Fiber Cable Remove	LF	5368	\$ 0.78	\$ 4,187.04
633-2-31	Fiber Optic Connection Install Splice	EA	48	\$ 42.41	\$ 2,035.68
633-3-11	Fiber Optic Connection Hardware Splice Enclosure	EA	4	\$ 912.42	\$ 3,649.68
633-3-12	Fiber Optic Connection Hardware Splice Tray	EA	0		\$ -
633-3-15	Fiber Optic Connection Hardware, Pre-Terminated Patch Panel, F&I	EA	4	\$ 1,417.50	\$ 5,670.00
633-3-51	Fiber Optic Connection Hardware Adjust Modify Splice Enclosure	EA	0	\$ 499.98	\$ -
633-8-1	Multi Conductor Communication Cable	LF	400	\$ 4.23	\$ 1,692.00
635-2-11	Pull & Splice Box F&I 13" x 24" Cover size	EA	0	\$ 760.16	\$ -
635-2-12	Pull & Splice Box F&I 24" x 36" Cover size	EA	5	\$ 1,363.26	\$ 6,816.30
635-2-13	Pull & Splice Box F&I 30" x 60" Rectangular Cover size or 36" Round Cover	EA	4	\$ 2,604.44	\$ 10,417.76
639-1-122	Electrical Power Service Assembly, F&I Underground, Meter Purchased by Contractor	AS	0	\$ 4,214.78	\$ -
639-2-1	Electrical Service Wire, F&I	LF	0	\$ 6.56	\$ -
639-3-11	Electrical Service Disconnect, F&I	EA	0	\$ 1,677.93	\$ -
641-2-12	Prestressed Concrete Pole, Service Pedestal, F&I	EA	0	\$ 1,595.91	\$ -
641-3-163	Concrete CCTV Pole, F&I with Lowering Device, 63'	EA	0	\$ 20,695.43	\$ -
660-6-121	Vehicle Detection System AVI, Bluetooth, F&I Cabinet Equipment	EA	4	\$ 949.59	\$ 3,798.36
660-6-122	Vehicle Detection System AVI, Bluetooth, F&I Above Ground Equipment	EA	4	\$ 9,466.07	\$ 37,864.28
676-2-112	ITS Cabinet, Pole Mount, 336S	EA	0	\$ 4,523.22	\$ -
682-1-113	ITS CCTV Camera, F&I Dome PTZ Enclosure - Pressurized, IP, High Definition	EA	4	\$ 7,309.43	\$ 29,237.72
684-1-1	Managed Field Ethernet Switch, Layer 2	EA	4	\$ 5,308.16	\$ 21,232.64
685-1-11	Uninterruptable Power Supply, Line Interactive	EA	0	\$ 5,266.58	\$ -
685-2-1	Remote Power Management Unit	EA	0	\$ 1,750.00	\$ -
TOTAL					\$ 310,437.46