

Project: Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 1 (Green)
Typical Section 4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

Letting Date 2029
District: 2
County: Clay
Units: English
Lump Sum Project: N
Design/Build: N
Project Length: 1.82 mi

EARTHWORK COMPONENT

User Input Data

Standard Clearing and Grubbing Limits L/R
Incidental Clearing and Grubbing Area
Total Length
Bridge Length
Length Roadway (Total - Bridge)
Front Slope L/R
Roadway Cross Slope L/R

Value
120.00 FT
- AC
1.82
1,200.00 LF Bridge
1.59 MI
6 to 1 / 6 to 1
2.00 % / 2.00%

Pay Item	Description	Quantity	Unit	Unit Price	Amount	Basis
0110 1 1	CLEARING & GRUBBING	23.17	AC	\$ 56,309.92	\$1,304,528.66	LEN * 5280* (C&G L+R)/43560
0120 1	REGULAR EXCAVATION	14,491.11	CY	\$ 14.89	\$215,772.64	Estimated profile from LiDAR and average width of 90'
0120 6	EMBANKMENT	49,632.47	CY	\$ 23.93	\$1,187,704.99	Estimated profile from LiDAR and average width of 90'

STORMWATER PONDS

Pay item	Description	Quantity	Unit	Unit Price	Amount	Basis
0110 1 1	CLEARING & GRUBBING	3.18	AC	\$ 56,309.92	\$178,965.03	31.25 (road)*2 + 12
0120 1	REGULAR EXCAVATION	23,073.84	CY	\$ 14.89	\$343,569.48	AC *43560*4.5' avg depth/27
0550 10220	FENCE, TYPE B	3,178.21	LF	\$ 24.07	\$76,499.63	1,000' per pond
0550 60112	FENCE GATE, TYP	3.00	EA	\$ 2,500.00	\$7,500.00	one per pond
0400 2 11	CONCRETE CLASS II, ENDWALL	51.00	CY	\$ 2,400.04	\$122,402.04	17 CY per pond
0425 1543	INLET, DT BOT, TYPE D < 10'	3.00	EA	\$ 13,729.56	\$41,188.68	one per pond
0425 2 71	MANHOLE, J-7, < 10'	3.00	EA	\$ 15,951.03	\$47,853.09	one per pond
0430174130	PIPE CULV, OPT, RCP 42"	150.00	LF	\$ 282.69	\$42,403.50	50' per pond
0570 1 2	PERFORMANCE TURF	23,073.84	SY	\$ 4.31	\$99,448.25	AC*43560/9

Comment:
Assumes three stormwater management ponds based on the 20% of new impervious assumption.

Project: Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 1 (Green)
Typical Section 4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

ROADWAY COMPONENT

User Input Data

Number of Lanes	4.00
Roadway Pavement Width L/R	4 @ 11' + 2 @ 5 Does not include MUP
Stabilization	54+2 @ (2+1.5) under C&G = 61
Spread Rate	110.00 LBS/SY-in

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0160 4	TYPE B STABILIZATION, 12"	59,633.41	SY	\$ 8.18	\$487,801.28 63.82*5280*LEN/9
0285709	OPTIONAL BASE,BASE GROUP 09, 8"	50,457.60	SY	\$ 39.10	\$1,972,892.16 54*5280*LEN/9
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C, 2.5"	100,915.20	TN	\$ 155.36	\$15,678,185.47 54*2.5*110/2000*LEN/9
0337 7 82	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22 , 1.5"	60,549.12	TN	\$ 195.63	\$11,845,224.35 54*1.5*110/2000*LEN/9
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	16,819.20	LF	\$ 43.69	\$734,830.85 LEN*2
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	16,819.20	LF	\$ 45.84	\$770,992.13 LEN*2
0570 1 2	PERFORMANCE TURF	9,344.00	SY	\$ 4.31	\$40,272.64 10*LEN/9 (LEFT SIDE ONLY)

Turn Lanes

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0160 4	TYPE B STABILIZATION	3,500.00	SY	\$ 8.18	\$28,630.00 Misc.
0285709	OPTIONAL BASE,BASE GROUP 09	3,500.00	SY	\$ 39.10	\$136,850.00 Misc.
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	481.25	TN	\$ 155.36	\$74,767.00 SY*2.5*110/2000
0337 7 82	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	288.75	TN	\$ 195.63	\$56,488.16 SY*1.5*110/2000
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	400.00	LF	\$ 43.69	\$17,476.00 LEN*2
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	400.00	LF	\$ 45.84	\$18,336.00 LEN*2

Comment:

Turn Lanes

Pavement Marking Subcomponent

Description

Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No of Paint Applications	2.00
Solid Stripe No of Stripes	2.00
Skip Stripe No of Paint Applications	2.00
Skip Stripe No of Stripes	1.00

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0706 1 3	RAISED PAVT MARKER	480.00	EA	\$ 4.99	\$2,395.20 132/Total LEN * 2
0710 11101	PAINTED PAVT MARK,STD,WHITE,SOLID,6", WHITE	3.64	NM	\$ 1,497.63	\$5,451.37 2 * Total LEN
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WI	3.64	GM	\$ 664.44	\$2,418.56 2 * Total LEN
0710 11201	PAINTED PAVT MARK,STD,WHITE,SKIP, 6", YELLOW	3.64	GM	\$ 1,502.64	\$5,469.61 2 * Total LEN

Project: Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 1 (Green)
Typical Section 4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

Multiuse Path

User Input Data

12 ft Multiuse Path for length of sequence, minus bridge length, one side of the road only, 5' performance turf on each side.

Total Turf Width L/R 5.00 / 5.00
Spread Rate 110.00 LBS/SY-in

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0160 4	TYPE B STABILIZATION	14,950.40	SY	\$ 8.18	\$122,294.27 16*5280*LEN/9
0285701	OPTIONAL BASE,BASE GROUP 01	11,838.85	SY	\$ 27.77	\$328,764.81 12.67*5280*LEN/9
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	925.06	TN	\$ 139.09	\$128,666.04 12*LEN/5280/9*1.5*110/2000
0570 1 2	PERFORMANCE TURF, SOD	9,344.00	SY	\$ 4.31	\$40,272.64 10*5280*LEN/9
Comment:					
12 ft Multiuse Path for length of sequence, minus bridge length, one side of the road only, 5' performance turf on each side.					

Erosion Control

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0104 10 3	SEDIMENT BARRIER	3.64	LF	\$ 2.42	\$8.81 TOTAL LEN *2
0104 11	FLOATING TURBIDITY BARRIER	1,200.00	LF	\$ 9.06	\$10,872.00 LEN of Stream Crossing
0104 12	STAKED TURBIDITY BARRIER-	600.00	LF	\$ 8.79	\$5,274.00 LEN of Bridge/2
0104 15	SOIL TRACKING PREVENTION	2.00	EA	\$ 4,128.15	\$8,256.30 One east and west of bridge
0107 1	LITTER REMOVAL	22.06	AC	\$ 47.15	\$1,040.16 TOTAL LEN * 5280*100/43560
0107 2	MOWING	22.06	AC	\$ 62.75	\$1,384.30 TOTAL LEN * 5280*100/43560

DRAINAGE COMPONENT

Culverts

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0430174148	PIPE CULV, OPT MATL, 48" RCP	400.00	LF	\$ 724.28	\$289,712.00 three culverts, 80' ea
0430548100	STRAIGHT CONCRETE ENDWALLS, 48", SINGLE, 0 DEGREES, ROUND	4.00	EA	\$ 10,500.00	\$42,000.00 2 each

Storm Drain

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0425 1351	INLETS, CURB, TYPE P-5,	56.00	EA	\$ 10,402.26	\$582,526.56 one pair every 300'
0425 1411	INLETS, CURB, TYPE J-5,	8.00	EA	\$ 21,450.49	\$171,603.92 intersections
0425 1521	INLETS, DT BOT, TYPE C,	4.00	EA	\$ 7,211.41	\$28,845.64 cut sections
0425 1521	INLETS, DT BOT, TYPE D,	6.00	EA	\$ 7,211.41	\$43,268.46 cut sections
0425 2 41	MANHOLES, P-7,	14.00	EA	\$ 8,974.55	\$125,643.70 Inlets/4
0425 2 71	MANHOLES, J-7,	14.00	EA	\$ 15,951.03	\$223,314.42 Inlets/4
0430174115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD	2,523.00	LF	\$ 233.59	\$589,347.57 30%
0430175124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	1,682.00	LF	\$ 171.15	\$287,874.30 20%
0430175130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30"SD	2,102.00	LF	\$ 228.00	\$479,256.00 25%
0430175136	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"SD	1,261.00	LF	\$ 277.42	\$349,826.62 15%
0430175148	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 48"SD	841.00	LF	\$ 393.67	\$331,076.47 10%

Comment: Ponds and culverts above

SIGNING COMPONENT

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0700 1111	SINGLE POST SIGN, F&I GM, <12	24.00	AS	\$ 527.88	\$12,669.12 From 2 lane LRE. Controlled
0700 1112	SINGLE POST SIGN, F&I GM, 12-20	4.00	AS	\$ 1,903.72	\$7,614.88 From 2 lane LRE. Controlled

Project: Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 1 (Green)
Typical Section 4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

SIGNALIZATION COMPONENT

Signal 1 Signalization at Cheswick Oaks Ave and Oakleaf Plantation Parkway
Type Isolated Signal - T-intersection, 2 two lane roads, no interconnect, no preemption, strain pole

Pay item	Description	Quantity	Unit	Unit Price	Amount
0630 2 11	CONDUIT, F& I, OPEN TRENCH	100.00	LF	\$ 17.23	\$1,723.00 Prior project LRE
0639 1112	ELECTRICAL POWER, F&I, PURCHASE BY POWER	1.00	AS	\$ 6,382.11	\$6,382.11
0639 2 1	ELECTRICAL SERVICE WIRE, F&I	100.00	LF	\$ 10.31	\$1,031.00
0641 2 14	PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV	2.00	EA	\$ 33,700.00	\$67,400.00
0670 5110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	6.00	AS	\$ 52,332.81	\$313,996.86
0653 1 12	PEDESTRIAN SIGNAL, F&I, LED 2 WAY	3.00	AS	\$ 2,099.75	\$6,299.25
0660 4 11	VEHICLE DETECTION SYSTEM- VIDEO, F&I, CABINET	1.00	EA	\$ 15,514.54	\$15,514.54
0660 4 12	VEHICLE DETECTION SYSTEM- VIDEO, F&I, GROUND	6.00	EA	\$ 7,410.27	\$44,461.62
0665 1 12	PEDESTRIAN DETECTOR, F&I,	4.00	EA	\$ 2,100.99	\$8,403.96
0670 5110	TRAF CNTL ASSEM, F&I, NEMA, 1	1.00	AS	\$ 52,332.81	\$52,332.81
0700 3101	SIGN PANEL, F&I GM, UP TO 12	3.00	EA	\$ 252.75	\$758.25
0700 5 21	INTERNAL ILLUM SIGN, F&I OM,	3.00	EA	\$ 5,935.01	\$17,805.03

Signal 2 Oakleaf Plantation Parkway at New North South Road \$536,108.43
Type Same as Cheswick Oaks Ave and Oakleaf Plantation Parkway

	LIGHTING	Quantity	Unit	Unit Price	Amount
0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	8,409.60	LF	\$ 17.23	\$144,897.41
0630 2 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	1,200.00	LF	\$ 53.96	\$64,752.00
0635 2 30	PULL & SPLICE BOX, INSTALL	49.00	EA	\$ 1,645.54	\$80,631.46
0635 3 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	7.00	EA	\$ 913.96	\$6,397.72
0639 1121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	2.00	EA	\$ 5,182.37	\$10,364.74
0639 2 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	9,609.60	LF	\$ 10.31	\$99,074.98
0715 61121	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT, 10' ARM LENGTH	49.00	EA	\$ 9,265.09	\$453,989.41
0715515130	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SIGLE ARM BRIDGE MOUNT- ALUMINUM, 30'	7.00		\$ 18,627.07	\$130,389.49

Project:
Typical Section

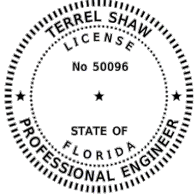
Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 1 (Green)
4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

	BRIDGE	Quantity	Unit	Unit Price	Amount	
0521 6 11	CONC PARAPET, PED/BIKE	1,500.00	LF	\$ 111.08	\$166,620.00	Bridge Length
0521 5 4	CONC. TRAFFIC RAIL BRIDGE 32"	1,500.00	LF	\$ 261.15	\$391,725.00	Bridge Length
0521 5 14	CONC. TRAFFIC RAIL BRIDGE 42"	1,500.00	LF	\$ 120.00	\$180,000.00	Bridge Length
0530 1100	RIPRAP, SAND-CEMENT BAGS	644.44	CY	\$ 813.85	\$524,481.11	2' depth * 100' ea approach/9
		Quantity	Unit	Unit Price	Amount	
	BRIDGE WIDTH	94.00	FT			See attached.
	BRIDGE LENGTH	1,200.00	FT			See attached.
	BRIDGE AREA	112,800.00	SF	\$ 200.00	\$22,560,000.00	
0548 12	RETAINING WALL SYSTEM, WITHOUT BARRIER	1,000.00	LF	\$ 63.47	\$63,470.00	Assumed 500' approach for wetland mitigation
0521 5 14	CONC. TRAFFIC RAIL BRIDGE 42"	1,000.00	LF	\$ 120.00	\$120,000.00	MSE Wall Length
0536 1 1	GUARDRAIL -ROADWAY, GENERAL TL-3	1,000.00	LF	\$ 22.46	\$22,460.00	Misc. Fill Sections
0536 8112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APP	2.00	EA	\$ 3,380.06	\$6,760.12	Approach to MSE Wall/Bridges
0536 8113	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, TRAI	2.00	EA	\$ 1,490.33	\$2,980.66	
PROJECT SEQUENCES SUBTOTAL					\$65,858,940.72	
	MAINTENANCE OF TRAFFIC	3%			\$1,975,768.22	New Alignment
	Subtotal				\$67,834,708.94	
	MOBILIZATION	10%			\$6,783,470.89	
	Subtotal				\$74,618,179.84	
	Project Unknowns	10%			\$7,461,817.98	
	Design Build	-				
TOTAL CONSTRUCTION					\$82,079,997.82	
	PD&E	3%			\$2,462,399.93	
	Preliminary Engineering (Design)	6%			\$4,924,799.87	
	Construction Engineering and Inspection (CEI)	10%			\$8,207,999.78	
SUBTOTAL SUPPORT COSTS					\$15,595,199.59	
RIGHT OF WAY						
	Area	33.56	AC	\$ 70,000.00	\$2,349,075.04	
	Relocation				\$0.00	
	Subtotal				\$2,349,075.04	
ENVIRONMENTAL						
	Gross Acreage - no UMAM calculated	5.04	AC	\$ 125,000.00	\$629,813.79	
	Other Surface Waters	-	AC	\$ 200,000.00	\$0.00	
	Subtotal Environmental				\$629,813.79	
GRAND TOTAL					\$100,654,086.24	

Project:
Typical Section

Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 1 (Green)
4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

Because the Consultant does not control the cost of labor, materials, equipment or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to opinions as to the costs of construction and materials, shall be made on the basis of its experience and represent its judgment as an experienced and qualified professional, familiar with the industry. The Consultant cannot and does not guarantee that proposals, bids or actual costs will not vary from its opinions of cost.



Terrel Shaw, State of Florida, Professional Engineer No. *50096*. This item was electronically signed and sealed by Terrel Shaw, P.E. on March 13, 2025.

Printed copies of this document are not considered signed and sealed.

Estimate has a confidence level of 2 of 5 based on the preliminary nature of the design.

Project: Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 2 (Red)
Typical Section 4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

Letting Date 2029
District: 2
County: Clay
Units: English
Lump Sum Project: N
Design/Build: N
Project Length: 1.82 mi

EARTHWORK COMPONENT

User Input Data	Value
Standard Clearing and Grubbing Limits L/R	120.00 FT
Incidental Clearing and Grubbing Area	- AC
Total Length	1.93 (Total LEN)
Bridge Length	450.00 LF Bridge
Length Roadway (Total - Bridge)	1.84 MI (LEN)
Front Slope L/R	6 to 1 / 6 to 1
Roadway Cross Slope L/R	2.00 % / 2.00%

Pay Item	Description	Quantity	Unit	Unit Price	Amount Basis
0110 1 1	CLEARING & GRUBBING	26.83	AC	\$56,309.92	\$1,510,967.34 LEN * 5280* (C&G L+R)/43560
0120 1	REGULAR EXCAVATION	14,491.11	CY	\$14.89	\$215,772.64 Estimated profile from LiDAR and
0120 6	EMBANKMENT	49,632.47	CY	\$23.93	\$1,187,704.99 Estimated profile from LiDAR and average width of 90'

STORMWATER PONDS

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0110 1 1	CLEARING & GRUBBING	3.68	AC	\$56,309.92	\$207,285.83 31.25 (road)*2 + 12
0120 1	REGULAR EXCAVATION	26,725.22	CY	\$14.89	\$397,938.56 AC *43560*4.5' avg depth/27
0550 10220	FENCE, TYPE B	3,681.16	LF	\$24.07	\$88,605.52 1,000' per pond
0550 60112	FENCE GATE, TYP	3.00	EA	\$2,500.00	\$7,500.00 one per pond
0400 2 11	CONCRETE CLASS II, ENDWALL	51.00	CY	\$2,400.04	\$122,402.04 17 CY per pond
0425 1543	INLET, DT BOT, TYPE D < 10'	3.00	EA	\$13,729.56	\$41,188.68 one per pond
0425 2 71	MANHOLE, J-7, < 10'	3.00	EA	\$15,951.03	\$47,853.09 one per pond
0430174130	PIPE CULV, OPT, RCP 42"	150.00	LF	\$282.69	\$42,403.50 50' per pond
0570 1 2	PERFORMANCE TURF	26,725.22	SY	\$4.31	\$115,185.71 AC*43560/9

Comment:
Assumes three stormwater management ponds based on the 20% of new impervious assumption.

Project:		Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 2 (Red)			
Typical Section		4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path			
ROADWAY COMPONENT					
User Input Data		Value			
Number of Lanes		4.00			
Roadway Pavement Width L/R		4 @ 11' + 2 @ 5' Does not include MUP			
Stabilization		54+2 @ (2+1.5) under C&G = 61			
Spread Rate		110.00 LBS/SY-in			
Pay Items					
Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0160 4	TYPE B STABILIZATION, 12"	69,070.26	SY	\$8.18	\$564,994.72 63.82*5280*LEN/9
0285709	OPTIONAL BASE,BASE GROUP 09, 8"	58,442.40	SY	\$39.10	\$2,285,097.84 54*5280*LEN/9
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C, 2.5"	116,884.80	TN	\$155.36	\$18,159,222.53 54*2.5*110/2000*LEN/9
0337 7 82	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22 , 1.5"	70,130.88	TN	\$195.63	\$13,719,704.05 54*1.5*110/2000*LEN/9
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	19,480.80	LF	\$43.69	\$851,116.15 LEN*2
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	19,480.80	LF	\$45.84	\$892,999.87 LEN*2
0570 1 2	PERFORMANCE TURF	10,822.67	SY	\$4.31	\$46,645.69 10*LEN/9 (LEFT SIDE ONLY)
Turn Lanes					
Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0160 4	TYPE B STABILIZATION	3,500.00	SY	\$8.18	\$28,630.00 Misc.
0285709	OPTIONAL BASE,BASE GROUP 09	3,500.00	SY	\$39.10	\$136,850.00 Misc.
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	481.25	TN	\$155.36	\$74,767.00 SY*2.5*110/2000
0337 7 82	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	288.75	TN	\$195.63	\$56,488.16 SY*1.5*110/2000
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	400.00	LF	\$43.69	\$17,476.00 LEN*2
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	400.00	LF	\$45.84	\$18,336.00 LEN*2
Comment:					
Turn Lanes					
Pavement Marking Subcomponent					
Description		Value			
Include Thermo/Tape/Other		N			
Pavement Type		Asphalt			
Solid Stripe No of Paint Applications		2.00			
Solid Stripe No of Stripes		2.00			
Skip Stripe No of Paint Applications		2.00			
Skip Stripe No of Stripes		1.00			
Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0706 1 3	RAISED PAVT MARKER	510.00	EA	\$4.99	\$2,544.90 132/Total LEN * 2
0710 11101	PAINTED PAVT MARK,STD,WHITE,SOLID,6", WHITE	3.86	NM	\$1,497.63	\$5,780.85 2 * Total LEN
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIC	3.86	GM	\$664.44	\$2,564.74 2 * Total LEN
0710 11201	PAINTED PAVT MARK,STD,WHITE,SKIP, 6", YELLOW	3.86	GM	\$1,502.64	\$5,800.19 2 * Total LEN
Multiuse Path					
User Input Data					
12 ft Multiuse Path for length of sequence, minus bridge length, one side of the road only, 5' performance turf on each side.					
Total Turf Width L/R		5.00 / 5.00			
Spread Rate		110.00 LBS/SY-in			

Project: Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 2 (Red)
Typical Section 4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0160 4	TYPE B STABILIZATION	17,316.27	SY	\$8.18	\$141,647.06 16*5280*LEN/9
0285701	OPTIONAL BASE,BASE GROUP 01	13,712.32	SY	\$27.77	\$380,791.09 12.67*5280*LEN/9
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	1,071.44	TN	\$139.09	\$149,027.15 12*LEN/5280/9*1.5*110/2000
0570 1 2	PERFORMANCE TURF, SOD	10,822.67	SY	\$4.31	\$46,645.69 10*5280*LEN/9
Comment: 12 ft Multiuse Path for length of sequence, minus bridge length, one side of the road only, 5' performance turf on each side.					

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0104 10 3	SEDIMENT BARRIER	3.86	LF	\$2.42	\$9.34 TOTAL LEN *2
0104 11	FLOATING TURBIDITY BARRIER	450.00	LF	\$9.06	\$4,077.00 LEN of Stream Crossing
0104 12	STAKED TURBIDITY BARRIER-	225.00	LF	\$8.79	\$1,977.75 LEN of Bridge/2
0104 15	SOIL TRACKING PREVENTION	2.00	EA	\$4,128.15	\$8,256.30 One east and west of bridge
0107 1	LITTER REMOVAL	23.39	AC	\$47.15	\$1,103.02 TOTAL LEN * 5280*100/43560
0107 2	MOWING	23.39	AC	\$62.75	\$1,467.97 TOTAL LEN * 5280*100/43560

DRAINAGE COMPONENT

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0430174148	PIPE CULV, OPT MATL, 48" RCP	600.00	LF	\$724.28	\$434,568.00 three culverts, 80' ea
0430548100	STRAIGHT CONCRETE ENDWALLS, 48", SINGLE, 0 DEGREES, ROUND	6.00	EA	\$10,500.00	\$63,000.00 2 each

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0425 1351	INLETS, CURB, TYPE P-5,	64.00	EA	\$10,402.26	\$665,744.64 one pair every 300'
0425 1411	INLETS, CURB, TYPE J-5,	8.00	EA	\$21,450.49	\$171,603.92 intersections
0425 1521	INLETS, DT BOT, TYPE C,	4.00	EA	\$7,211.41	\$28,845.64 cut sections
0425 1521	INLETS, DT BOT, TYPE D,	6.00	EA	\$7,211.41	\$43,268.46 cut sections
0425 2 41	MANHOLES, P-7,	16.00	EA	\$8,974.55	\$143,592.80 Inlets/4
0425 2 71	MANHOLES, J-7,	2.00	EA	\$15,951.03	\$31,902.06 Inlets/4
0430174115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD	2,922.00	LF	\$233.59	\$682,549.98 30%
0430175124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	1,948.00	LF	\$171.15	\$333,400.20 20%
0430175130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30"SD	2,435.00	LF	\$228.00	\$555,180.00 25%
0430175136	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"SD	1,461.00	LF	\$277.42	\$405,310.62 15%
0430175148	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 48"SD	974.00	LF	\$393.67	\$383,434.58 10%
Comment: Ponds and culverts above					

SIGNING COMPONENT

Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0700 1111	SINGLE POST SIGN, F&I GM, <12	24.00	AS	\$527.88	\$12,669.12 From 2 lane LRE. Controlled
0700 1112	SINGLE POST SIGN, F&I GM, 12-20	4.00	AS	\$1,903.72	\$7,614.88 From 2 lane LRE. Controlled

Project:
Typical Section

Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 2 (Red)
4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

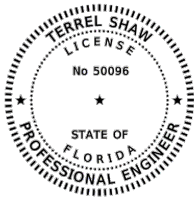
SIGNALIZATION COMPONENT					
Signal 1		Signalization at Cheswick Oaks Ave and Oakleaf Plantation Parkway			
Type		Isolated Signal - T-intersection, 2 two lane roads, no interconnect, no preemption, strain pole			
Pay item	Description	Quantity	Unit	Unit Price	Amount
0630 2 11	CONDUIT, F&I, OPEN TRENCH	100.00	LF	\$17.23	\$1,723.00 Prior project LRE
0639 1112	ELECTRICAL POWER, F&I, PURCHASE BY POWER	1.00	AS	\$6,382.11	\$6,382.11
0639 2 1	ELECTRICAL SERVICE WIRE, F&I	100.00	LF	\$10.31	\$1,031.00
0641 2 14	PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV	2.00	EA	\$33,700.00	\$67,400.00
0670 5110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	6.00	AS	\$52,332.81	\$313,996.86
0653 1 12	PEDESTRIAN SIGNAL, F&I, LED 2 WAY	3.00	AS	\$2,099.75	\$6,299.25
0660 4 11	VEHICLE DETECTION SYSTEM- VIDEO, F&I, CABINET	1.00	EA	\$15,514.54	\$15,514.54
0660 4 12	VEHICLE DETECTION SYSTEM- VIDEO, F&I, GROUND	6.00	EA	\$7,410.27	\$44,461.62
0665 1 12	PEDESTRIAN DETECTOR, F&I,	4.00	EA	\$2,100.99	\$8,403.96
0670 5110	TRAF CNTL ASSEM, F&I, NEMA, 1	1.00	AS	\$52,332.81	\$52,332.81
0700 3101	SIGN PANEL, F&I GM, UP TO 12	3.00	EA	\$252.75	\$758.25
0700 5 21	INTERNAL ILLUM SIGN, F&I OM,	3.00	EA	\$5,935.01	\$17,805.03
Signalizations Component Total					
Signal 2		Oakleaf Plantation Parkway at New North South Road			\$536,108.43
Type		Same as Cheswick Oaks Ave and Oakleaf Plantation Parkway			
	LIGHTING	Quantity	Unit	Unit Price	Amount
0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	9,740.40	LF	\$17.23	\$139,728.41
0630 2 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	450.00	LF	\$53.96	\$25,740.00
0635 2 30	PULL & SPLICE BOX, INSTALL	54.00	EA	\$1,645.54	\$77,340.38
0635 3 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	4.00	EA	\$913.96	\$8,225.64
0639 1121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER C	2.00	EA	\$5,182.37	\$10,364.74
0639 2 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	10,190.40	LF	\$10.31	\$99,074.98
0715 61121	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30'	54.00	EA	\$9,265.09	\$435,459.23
0715515130	MOUNTING HEIGHT, 10' ARM LENGTH				
	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SIGLE ARM BRIDGE MOUNT-ALUMINU	4.00		\$18,627.07	\$167,643.63
	BRIDGE	Quantity	Unit	Unit Price	Amount
0521 6 11	CONC PARAPET, PED/BIKE	1,500.00	LF	\$111.08	\$166,620.00 Bridge Length
0521 5 4	CONC. TRAFFIC RAIL BRIDGE 32"	1,500.00	LF	\$261.15	\$391,725.00 Bridge Length
0521 5 14	CONC. TRAFFIC RAIL BRIDGE 42"	1,500.00	LF	\$120.00	\$180,000.00 Bridge Length
0530 1100	RIPRAP, SAND-CEMENT BAGS	644.44	CY	\$813.85	\$524,481.11 2' depth * 100' ea approach/9
		Quantity	Unit	Unit Price	Amount
	BRIDGE WIDTH	88.00	FT		See attached.
	BRIDGE LENGTH	450.00	FT		See attached.
	BRIDGE AREA	39,600.00	SF	\$200.00	\$7,920,000.00
0548 12	RETAINING WALL SYSTEM, WITHOUT BARRIER	1,000.00	LF	\$63.47	\$63,470.00 Assumed 500' approach for wetland mitigation
0521 5 14	CONC. TRAFFIC RAIL BRIDGE 42"	1,000.00	LF	\$120.00	\$120,000.00 MSE Wall Length
0536 1 1	GUARDRAIL -ROADWAY, GENERAL TL-3	1,000.00	LF	\$22.46	\$22,460.00 Misc. Fill Sections
0536 8112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APPF	2.00	EA	\$3,380.06	\$6,760.12 Approach to MSE Wall/Bridges
0536 8113	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, TRAIL	2.00	EA	\$1,490.33	\$2,980.66

Project:
Typical Section

Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 2 (Red)
4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

PROJECT SEQUENCES SUBTOTAL				\$56,985,804.62
MAINTENANCE OF TRAFFIC	3%			\$1,709,574.14 New Alignment
Subtotal				\$58,695,378.76
MOBILIZATION	10%			\$5,869,537.88
Subtotal				\$64,564,916.63
Project Unknowns	10%			\$6,456,491.66
Design Build	0%			
TOTAL CONSTRUCTION				\$71,021,408.30
PD&E	3%			\$2,130,642.25
Preliminary Engineering (Design)	6%			\$4,261,284.50
Construction Engineering and Inspection (CEI)	10%			\$7,102,140.83
SUBTOTAL SUPPORT COSTS				\$13,494,067.58
RIGHT OF WAY				
Area	30.84 AC	\$70,000.00		\$2,158,881.21
Relocation	1.00 EA	\$3,123,335.00		\$3,123,335.00
Subtotal				\$5,282,216.21
ENVIRONMENTAL				
Gross Acreage - no UMAM calculated	6.03 AC	\$125,000.00		\$753,750.00
Other Surface Waters	0.42 AC	\$200,000.00		\$84,000.00
Subtotal Environmental				\$837,750.00
GRAND TOTAL				\$90,635,442.08

Because the Consultant does not control the cost of labor, materials, equipment or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to opinions as to the costs of construction and materials, shall be made on the basis of its experience and represent its judgment as an experienced and qualified professional, familiar with the industry. The Consultant cannot and does not guarantee that proposals, bids or actual costs will not vary from its opinions of cost.



Terrel Shaw, State of Florida, Professional Engineer No. **50096**. This item was electronically signed and sealed by Terrel Shaw, P.E. on March 13, 2025.

Printed copies of this document are not considered signed and sealed.
Estimate has a confidence level of 2 of 5 based on the preliminary nature of the design.

Project: Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 3 (Blue)
Typical Section 4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

Letting Date 2029
District: 2
County: Clay
Units: English
Lump Sum Project: N
Design/Build: N
Project Length: 1.82 mi

EARTHWORK COMPONENT

User Input Data	Value
Standard Clearing and Grubbing Limits L/R	120.00 FT
Incidental Clearing and Grubbing Area	- AC
Total Length	2.11
Bridge Length	400.00 = Bridge
Length Roadway (Total - Bridge)	2.03 MI
Front Slope L/R	6 to 1 / 6 to 1
Roadway Cross Slope L/R	2.00 % / 2.00%

Pay Item	Description	Quantity	Unit	Unit Price	Amount	Basis
0110 1 1	CLEARING & GRUBBING	29.59	AC	\$56,309.92	\$1,666,153.14	LEN * 5280* (C&G L+R)/43560
0120 1	REGULAR EXCAVATION	14,491.11	CY	\$14.89	\$215,772.64	Estimated profile from LiDAR and average width of 90'
0120 6	EMBANKMENT	49,632.47	CY	\$23.93	\$1,187,704.99	Estimated profile from LiDAR and average width of 90'

STORMWATER PONDS

Pay item	Description	Quantity	Unit	Unit Price	Amount	Basis
0110 1 1	CLEARING & GRUBBING	4.06	AC	\$56,309.92	\$228,575.38	³ 1.25 (road)*2 + 12 (path)*5280*LEN*/43560*20%
0120 1	REGULAR EXCAVATION	29,470.07	CY	\$14.89	\$438,809.34	AC *43560*4.5' avg depth/27
0550 10220	FENCE, TYPE B	4,059.24	LF	\$24.07	\$97,705.87	1,000' per pond
0550 60112	FENCE GATE, TYP	3.00	EA	\$2,500.00	\$7,500.00	one per pond
0400 2 11	CONCRETE CLASS II, ENDWALL	51.00	CY	\$2,400.04	\$122,402.04	17 CY per pond
0425 1543	INLET, DT BOT, TYPE D < 10'	3.00	EA	\$13,729.56	\$41,188.68	one per pond
0425 2 71	MANHOLE, J-7, < 10'	3.00	EA	\$15,951.03	\$47,853.09	one per pond
0430174130	PIPE CULV, OPT, RCP 42"	150.00	LF	\$282.69	\$42,403.50	50' per pond
0570 1 2	PERFORMANCE TURF	29,470.07	SY	\$4.31	\$127,016.00	AC*43560/9

Comment:
Assumes three stormwater management ponds based on the 20% of new impervious assumption.

Project:		Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 3 (Blue)			
Typical Section		4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path			
ROADWAY COMPONENT					
User Input Data		Value			
Number of Lanes		4.00			
Spread Rate		110.003S/SY-in			
Pay Items					
Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0160 4	TYPE B STABILIZATION, 12"	76,164.21	SY	\$8.18	\$623,023.21 63.82*5280*LEN/9
0285709	OPTIONAL BASE,BASE GROUP 09, 8"	64,444.80	SY	\$39.10	\$2,519,791.68 54*5280*LEN/9
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C, 2.5"	128,889.60	TN	\$155.36	\$20,024,288.26 54*2.5*110/2000*LEN/9
0337 7 82	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22 , 1.5"	77,333.76	TN	\$195.63	\$15,128,803.47 54*1.5*110/2000*LEN/9
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	21,481.60	LF	\$43.69	\$938,531.10 LEN*2
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	21,481.60	LF	\$45.84	\$984,716.54 LEN*2
0570 1 2	PERFORMANCE TURF	11,934.22	SY	\$4.31	\$51,436.50 10*LEN/9 (LEFT SIDE ONLY)
Turn Lanes					
Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0160 4	TYPE B STABILIZATION	3,500.00	SY	\$8.18	\$28,630.00 Misc.
0285709	OPTIONAL BASE,BASE GROUP 09	3,500.00	SY	\$39.10	\$136,850.00 Misc.
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	481.25	TN	\$155.36	\$74,767.00 SY*2.5*110/2000
0337 7 82	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	288.75	TN	\$195.63	\$56,488.16 SY*1.5*110/2000
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	400.00	LF	\$43.69	\$17,476.00 LEN*2
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	400.00	LF	\$45.84	\$18,336.00 LEN*2
Comment:					
Turn Lanes					
Pavement Marking Subcomponent					
Description		Value			
Include Thermo/Tape/Other		N			
Pavement Type		Asphalt			
Solid Stripe No of Paint Applications		2.00			
Solid Stripe No of Stripes		2.00			
Skip Stripe No of Paint Applications		2.00			
Skip Stripe No of Stripes		1.00			
Pay item	Description	Quantity	Unit	Unit Price	Amount Basis
0706 1 3	RAISED PAVT MARKER	558.00	EA	\$4.99	\$2,784.42 132/Total LEN * 2
0710 11101	PAINTED PAVT MARK,STD,WHITE,SOLID,6", WHITE	4.22	NM	\$1,497.63	\$6,320.00 2 * Total LEN
0710 11131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WI	4.22	GM	\$664.44	\$2,803.94 2 * Total LEN
0710 11201	PAINTED PAVT MARK,STD,WHITE,SKIP, 6", YELLOW	4.22	GM	\$1,502.64	\$6,341.14 2 * Total LEN

Project: Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 3 (Blue)
Typical Section 4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

Multiuse Path

User Input Data

12 ft Multiuse Path for length of sequence, minus bridge length, one side of the road only, 5' performance turf on each side.

Total Turf Width L/R

5.00 / 5.00

Spread Rate

110.00 3S/SY-in

Pay item	Description	Quantity	Unit	Unit Price	Amount	Basis
0160 4	TYPE B STABILIZATION	19,094.76	SY	\$8.18	\$156,195.10	16*5280*LEN/9
0285701	OPTIONAL BASE,BASE GROUP 01	15,120.66	SY	\$27.77	\$419,900.72	12.67*5280*LEN/9
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	1,181.49	TN	\$139.09	\$164,333.17	12*LEN/5280/9*1.5*110/2000
0570 1 2	PERFORMANCE TURF, SOD	11,934.22	SY	\$4.31	\$51,436.50	10*5280*LEN/9

Comment:

12 ft Multiuse Path for length of sequence, minus bridge length, one side of the road only, 5' performance turf on each side.

Erosion Control

Pay item	Description	Quantity	Unit	Unit Price	Amount	Basis
0104 10 3	SEDIMENT BARRIER	4.22	LF	\$2.42	\$10.21	TOTAL LEN *2
0104 11	FLOATING TURBIDITY BARRIER	400.00	LF	\$9.06	\$3,624.00	LEN of Stream Crossing
0104 12	STAKED TURBIDITY BARRIER-	200.00	LF	\$8.79	\$1,758.00	LEN of Bridge/2
0104 15	SOIL TRACKING PREVENTION	2.00	EA	\$4,128.15	\$8,256.30	One east and west of bridge
0107 1	LITTER REMOVAL	25.58	AC	\$47.15	\$1,205.90	TOTAL LEN * 5280*100/43560
0107 2	MOWING	25.58	AC	\$62.75	\$1,604.88	TOTAL LEN * 5280*100/43560

DRAINAGE COMPONENT

Culverts

Pay item	Description	Quantity	Unit	Unit Price	Amount	Basis
0430174148	PIPE CULV, OPT MATL, 48" RCP	500.00	LF	\$724.28	\$362,140.00	three culverts, 80' ea
0430548100	STRAIGHT CONCRETE ENDWALLS, 48", SINGLE, 0 DEGREES, ROUND	5.00	EA	\$10,500.00	\$52,500.00	2 each

Storm Drain

Pay item	Description	Quantity	Unit	Unit Price	Amount	Basis
0425 1351	INLETS, CURB, TYPE P-5,	72.00	EA	\$10,402.26	\$748,962.72	one pair every 300'
0425 1411	INLETS, CURB, TYPE J-5,	8.00	EA	\$21,450.49	\$171,603.92	intersections
0425 1521	INLETS, DT BOT, TYPE C,	4.00	EA	\$7,211.41	\$28,845.64	cut sections
0425 1521	INLETS, DT BOT, TYPE D,	6.00	EA	\$7,211.41	\$43,268.46	cut sections
0425 2 41	MANHOLES, P-7,	18.00	EA	\$8,974.55	\$161,541.90	Inlets/4
0425 2 71	MANHOLES, J-7,	2.00	EA	\$15,951.03	\$31,902.06	Inlets/4
0430173130	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD	3,222.00	LF	\$185.00	\$596,070.00	30%
0430175115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	2,148.00	LF	\$156.51	\$336,183.48	20%
0430175118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30"SD	2,685.00	LF	\$151.91	\$407,878.35	25%
0430175124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"SD	1,611.00	LF	\$171.15	\$275,722.65	15%
0430175136	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 48"SD	1,074.00	LF	\$277.42	\$297,949.08	10%

Comment: Ponds and culverts above

SIGNING COMPONENT

Pay item	Description	Quantity	Unit	Unit Price	Amount	Basis
0700 1111	SINGLE POST SIGN, F&I GM, <12	24.00	AS	\$527.88	\$12,669.12	From 2 lane LRE. Controlled access
0700 1112	SINGLE POST SIGN, F&I GM, 12-20	4.00	AS	\$1,903.72	\$7,614.88	From 2 lane LRE. Controlled access

Project:
Typical Section

Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 3 (Blue)
4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

SIGNALIZATION COMPONENT

Signal 1
Type

Signalization at Cheswick Oaks Ave and Oakleaf Plantation Parkway
Isolated Signal - T-intersection, 2 two lane roads, no interconnect, no preemption, strain pole

Pay item	Description	Quantity	Unit	Unit Price	Amount
0630 2 11	CONDUIT, F& I, OPEN TRENCH	100.00	LF	\$17.23	\$1,723.00 Prior project LRE
0639 1112	ELECTRICAL POWER, F&I, PURCHASE BY POWER	1.00	AS	\$6,382.11	\$6,382.11
0639 2 1	ELECTRICAL SERVICE WIRE, F&I	100.00	LF	\$10.31	\$1,031.00
0641 2 14	PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV	2.00	EA	\$33,700.00	\$67,400.00
0670 5110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	6.00	AS	\$52,332.81	\$313,996.86
0653 1 12	PEDESTRIAN SIGNAL, F&I, LED 2 WAY	3.00	AS	\$2,099.75	\$6,299.25
0660 4 11	VEHICLE DETECTION SYSTEM- VIDEO, F&I, CABINET	1.00	EA	\$15,514.54	\$15,514.54
0660 4 12	VEHICLE DETECTION SYSTEM- VIDEO, F&I, GROUND	6.00	EA	\$7,410.27	\$44,461.62
0665 1 12	PEDESTRIAN DETECTOR, F&I,	4.00	EA	\$2,100.99	\$8,403.96
0670 5110	TRAF CNTL ASSEM, F&I, NEMA, 1	1.00	AS	\$52,332.81	\$52,332.81
0700 3101	SIGN PANEL, F&I GM, UP TO 12	3.00	EA	\$252.75	\$758.25
0700 5 21	INTERNAL ILLUM SIGN, F&I OM,	3.00	EA	\$5,935.01	\$17,805.03
Signalizations Component Total					

Signal 2
Type

Oakleaf Plantation Parkway at New North South Road
Same as Cheswick Oaks Ave and Oakleaf Plantation Parkway

\$536,108.43

	LIGHTING	Quantity	Unit	Unit Price	Amount
0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	10,740.80	LF	\$17.23	\$139,728.41
0630 2 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	4.00	LF	\$53.96	\$25,740.00
0635 2 30	PULL & SPLICE BOX, INSTALL	59.67	EA	\$1,645.54	\$77,340.38
0635 3 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	4.00	EA	\$913.96	\$8,225.64
0639 1121	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER	2.00	EA	\$5,182.37	\$10,364.74
0639 2 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	11,140.80	LF	\$10.31	\$99,074.98
0715 61121	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30'	59.67	EA	\$9,265.09	\$435,459.23
0715515130	MOUNTING HEIGHT, 10' ARM LENGTH LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, SIGLE ARM BRIDGE MOUNT-ALUMINI	4.00		\$18,627.07	\$167,643.63

	BRIDGE	Quantity	Unit	Unit Price	Amount
0521 6 11	CONC PARAPET, PED/BIKE	1,500.00	LF	\$111.08	\$166,620.00 Bridge Length
0521 5 4	CONC. TRAFFIC RAIL BRIDGE 32"	1,500.00	LF	\$261.15	\$391,725.00 Bridge Length
0521 5 14	CONC. TRAFFIC RAIL BRIDGE 42"	1,500.00	LF	\$120.00	\$180,000.00 Bridge Length
0530 1100	RIPRAP, SAND-CEMENT BAGS	644.44	CY	\$813.85	\$524,481.11 2' depth * 100' ea approach/9

		Quantity	Unit	Unit Price	Amount
	BRIDGE WIDTH	88.00	FT		See attached.
	BRIDGE LENGTH	400.00	FT		See attached.
	BRIDGE AREA	35,200.00	SF	\$200.00	\$7,040,000.00
0548 12	RETAINING WALL SYSTEM, WITHOUT BARRIER	1,000.00	LF	\$63.47	\$63,470.00 Assumed 500' approach for wetlar
0521 5 14	CONC. TRAFFIC RAIL BRIDGE 42"	1,000.00	LF	\$120.00	\$120,000.00 MSE Wall Length
0536 1 1	GUARDRAIL -ROADWAY, GENERAL TL-3	1,000.00	LF	\$22.46	\$22,460.00 Misc. Fill Sections
0536 8112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APF	2.00	EA	\$3,380.06	\$6,760.12 Approach to MSE Wall/Bridges
0536 8113	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, TRA	2.00	EA	\$1,490.33	\$2,980.66

PROJECT SEQUENCES SUBTOTAL

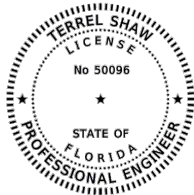
\$59,741,939.89

Project:
Typical Section

Cheswick Oak/Oakleaf Plantation Parkway Corridor Study Alternative 3 (Blue)
4-Lane Curb and Gutter with 4-Bike Lanes and 12'-Multiuse Path

MAINTENANCE OF TRAFFIC	3%			\$1,792,258.20	New Alignment
Subtotal				\$61,534,198.09	
MOBILIZATION	10%			\$6,153,419.81	
Subtotal				\$67,687,617.90	
Project Unknowns	10%			\$6,768,761.79	
Design Build	0%				
TOTAL CONSTRUCTION				\$74,456,379.68	
PD&E	3%			\$2,233,691.39	
Preliminary Engineering (Design)	6%			\$4,467,382.78	
Construction Engineering and Inspection (CEI)	10%			\$7,445,637.97	
SUBTOTAL SUPPORT COSTS				\$14,146,712.14	
RIGHT OF WAY					
Area	29.37	AC	\$70,000.00	\$2,055,846.68	
Relocation	1.00	EA	\$3,123,335.00	\$3,123,335.00	
Subtotal				\$5,179,181.68	
ENVIRONMENTAL					
Gross Acreage - no UMAM calculated	4.08	AC	\$125,000.00	\$510,000.00	
Other Surface Waters	0.72	AC	\$200,000.00	\$144,000.00	
Subtotal Environmental				\$654,000.00	
GRAND TOTAL				\$94,436,273.51	

Because the Consultant does not control the cost of labor, materials, equipment or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to opinions as to the costs of construction and materials, shall be made on the basis of its experience and represent its judgment as an experienced and qualified professional, familiar with the industry. The Consultant cannot and does not guarantee that proposals, bids or actual costs will not vary from its opinions of cost.



Terrel Shaw, State of Florida, Professional Engineer No. ***50096***. This item was electronically signed and sealed by Terrel Shaw, P.E. on March 13, 2025.

Printed copies of this document are not considered signed and sealed.

Estimate has a confidence level of 2 of 5 based on the preliminary nature of the design.