

**Hernando County
Public Works, Engineering Services
Calienta Street Stormwater Improvements
Contract No.: 19-RG0093/PH**

Date: JUNE 2023

EOR:Hamid Faraji, PE No. 51581

Final Engineer's Construction Cost Estimate (Calienta St.)

ROADWAY

ITEM	PAY ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE		TOTAL PRICE
					FDOT	DESIGNER	
1	101-1	MOBILIZATION	LS	1	-	\$228,074.00	\$228,074.00
2	102-1	MAINTENANCE OF TRAFFIC	LS	1	-	\$244,365.00	\$244,365.00
3	104-10-3	SEDIMENT BARRIER	LF	1055	\$3.27	\$4.00	\$4,220.00
4	104-12	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	255	\$12.99	\$16.00	\$4,080.00
5	110-1-1	CLEARING AND GRUBBING	LS(AC)	2.78	\$54,807.65	\$65,770.00	\$182,841.00
6	110-7-1	MAILBOX, F&I SINGLE	EA	4	\$271.43	\$326.00	\$1,304.00
7	110-23	TREE REMOVAL	EA	1	\$1,349.08	\$1,619.00	\$1,619.00
8	120-1	REGULAR EXCAVATION	CY	3678.3	\$3.87	\$5.00	\$18,392.00
9	120-4	SUBSOIL EXCAVATION	CY	270.6	\$15.98	\$20.00	\$5,412.00
10	120-6	EMBANKMENT	CY	905.9	\$3.57	\$5.00	\$4,530.00
11	286-1	TURNOUT CONSTRUCTION - DRIVEWAY BASE - OPTIONAL MATERIALS	SY	507	\$43.05	\$52.00	\$26,359.00
12	160-4	TYPE B STABILIZATION	SY	7375	\$8.43	\$11.00	\$81,128.00
13	285-70-1	OPTIONAL BASE GROUP 01	SY	35	\$18.70	\$23.00	\$800.00
14	285-70-6	OPTIONAL BASE GROUP 06 (Type B 12.5 only)	SY	7340	\$17.00	\$21.00	\$154,150.00
15	334-1-53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	739	\$155.36	\$187.00	\$138,279.00
16	425-10	YARD DRAIN	EA	1	\$4,500.00	\$5,400.00	\$5,400.00
17	425-1-351	INLETS, CURB, TYPE P-5, <10'	EA	4	\$7,180.00	\$8,616.00	\$34,464.00
18	425-1-361	INLETS, CURB, TYPE P-6, <10'	EA	6	\$13,000.00	\$15,600.00	\$93,600.00
19	425-1-521	INLETS, DT BOT, TYPE C, <10'	EA	4	\$7,450.00	\$8,940.00	\$35,760.00
20	425-1-531	INLETS, DT BOT, TYPE C MODIFIED-BACK OF SIDEWALK, <10'	EA	11	\$7,600.00	\$9,120.00	\$100,320.00
21	425-2-61	MANHOLES, P-8, <10'	EA	2	\$8,068.75	\$9,683.00	\$19,366.00
22	430-175-112	PIPE CULV, OPT MATL, ROUND, 12" S/CD	LF	9	\$355.19	\$427.00	\$3,843.00
23	430-175-118	PIPE CULV, OPT MATL, ROUND, 18" S/CD	LF	2,212	\$134.39	\$162.00	\$358,344.00
24	430-200-25	FLARED END SECTION, CONCRETE, 18"	EA	2	\$9,210.39	\$11,053.00	\$22,106.00
25	430-886-18	MANATEE GRATE FOR 18" PIPE	EA	3	-	\$1,200.00	\$3,600.00
26	515-1-2	PIPE HANDRAIL - GUIDRAIL, ALUMINUM	LF	99	\$72.10	\$87.00	\$8,613.00
27	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	4522	\$60.65	\$73.00	\$330,106.00
28	522-1	CONCRETE SIDEWALK, 4"	SY	1641	\$73.19	\$88.00	\$144,408.00
29	522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	1721	\$84.40	\$102.00	\$175,542.00
30	527-2	DETECTABLE WARNINGS	SF	97	\$36.82	\$45.00	\$4,368.00
31	530-1-100	RIPRAP, SAND-CEMENT BAGS	CY	5	\$937.72	\$1,126.00	\$5,630.00
32	570-1-2	PERFORMANCE TURF, SOD	SY	2686	\$5.06	\$7.00	\$18,802.00
33	550-10-228	FENCING, TYPE B, 5.1-6.0, RESET EXISTING	LF	130	\$27.00	\$33.00	\$4,290.00
34	700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	13	\$457.35	\$549.00	\$7,137.00
35	700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1	\$1,629.57	\$1,956.00	\$1,956.00
36	700-1-50	SINGLE POST SIGN, RELOCATE	AS	9	\$173.95	\$209.00	\$1,881.00
37	700-1-60	SINGLE POST SIGN, REMOVE	AS	10	\$45.37	\$55.00	\$550.00
38	706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	115	\$4.08	\$5.00	\$575.00
39	711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	310	\$4.07	\$5.00	\$1,550.00
40	711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	211	\$6.39	\$8.00	\$1,688.00
41	711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	20	\$170.87	\$206.00	\$4,120.00
42	711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE, 6"	GM	0.013	\$2,520.97	\$3,026.00	\$40.00
43	711-15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	0.789	\$6,113.26	\$7,336.00	\$5,789.00
44	711-15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.781	\$6,089.51	\$7,308.00	\$5,708.00
45	711-15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	1.002	\$6,113.26	\$7,336.00	\$7,351.00
46	711-15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.869	\$6,089.51	\$7,308.00	\$6,351.00
47	999-25	PROJECT UNKNOWNNS (20%)	LS	1		\$404,534	\$404,534.00
							\$2,913,345.00

Note: Unit costs based on FDOT Historical Costs (Current 12 Month Moving Averages for Area 7 and Current 12 Month Moving Statewide Averages). Designer Cost Estimate is 20% higher.