

**Cost Summary
Crosstown Parkway Segment 2A Phase 1 & 2**

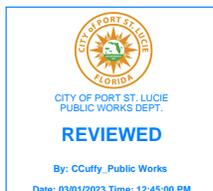
**Engineer's Estimate of Probable Cost
March 1, 2023**

Description	Segments 2A1 and 2A2 Subtotal
Roadway Improvements Subtotal:	\$ 9,534,995.23
Utilities Subtotal:	\$ 1,490,657.81
Signalization Subtotal:	\$ 113,671.26
Subtotal Construction Costs	\$ 11,139,324.30
Mobilization and MOT	\$ 1,141,780.74
Subtotal Construction Costs	\$ 12,281,105.04
Landscaping and Irrigation Subtotal ⁽¹⁾	\$ 746,920.00
Total Segment 2A1 & 2A11 Costs	\$ 13,028,025.04
Bonding	\$ 2,605,605.01
Bonding Total (120% Construction Costs)	\$ 15,633,630.05

⁽¹⁾ Based on the Construction Subtotals reviewed and stamped by CPSLUSD and CPSLPW from the Estimate of Probable Cost E-Sealed dated 2/2/23. Per PSL P&Z request, the Landscaping and Irrigation pay item quantities and costs were updated.

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent the Engineer's judgment as a design professional familiar with the construction industry. The Engineer can't and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

SHAUN MACKENZIE, P.E. #61751
1172 SW 30TH STREET, SUITE 500
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772-286-8030
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**Crosstown Parkway Segment 2A Phase 1
Engineer's Estimate of Probable Cost
March 1, 2023**

Item	Description	Quantity	Unit	Unit Cost	Item Cost
104	NPDES COMPLIANCE (EROSION CONTROL)	1	LS	\$ 6,000.00	\$ 6,000.00
104-12	STAKED SILT FENCE	12,863	LF	\$ 5.43	\$ 69,846.09
110-1-1	CLEARING & GRUBBING	19.7	AC	\$ 19,814.80	\$ 390,351.56
120-1	REGULAR EXCAVATION	16,677	CY	\$ 9.64	\$ 160,766.28
120-6	EMBANKMENT	21,904	CY	\$ 13.48	\$ 295,265.92
160-4	TYPE B STABILIZATION	32,660	SY	\$ 5.22	\$ 170,485.20
285-709	OPTIONAL BASE, BASE GROUP 09	31,175	SY	\$ 18.45	\$ 575,178.75
334-1-13	SUPERPAVE ASPHALTIC CONC. TRAFFIC C	2,990	TN	\$ 105.87	\$ 316,551.30
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5	1,652	TN	\$ 131.36	\$ 217,006.72
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	7,576	SY	\$ 1.99	\$ 15,076.24
425-1-361	INLETS, CURB, TYPE P-6, <10'	2	EA	\$ 6,424.79	\$ 12,849.58
425-1-551	INLETS, DT BOT, TYPE E <10'	24	EA	\$ 5,324.28	\$ 127,782.72
425-1-553	INLETS, DT BOT, TYPE E, P BOT <10'	5	EA	\$ 7,173.99	\$ 35,869.95
425-1-553	INLETS, DT BOT, TYPE E, J BOT <10'	11	EA	\$ 8,173.99	\$ 89,913.89
425-1-554	INLETS, DT BOT, TYPE E, J BOT >10'	1	EA	\$ 8,400.00	\$ 8,400.00
430-175-118	PIPE CULVERT, HPPP, ROUND, 18"	1,767	LF	\$ 95.32	\$ 168,430.44
430-175-124	PIPE CULVERT, HPPP, ROUND, 24"	1,123	LF	\$ 113.49	\$ 127,449.27
430-175-130	PIPE CULVERT, HPPP, ROUND, 30"	497	LF	\$ 144.29	\$ 71,712.13
430-175-136	PIPE CULVERT, HPPP, ROUND, 36"	852	LF	\$ 190.01	\$ 161,888.52
430-175-142	PIPE CULVERT, HPPP, ROUND, 42"	1,264	LF	\$ 206.84	\$ 261,445.76
430-175-148	PIPE CULVERT, CAP, ROUND, 48"	199	LF	\$ 279.27	\$ 55,574.73
430-175-148	PIPE CULVERT, HPPP, ROUND, 48"	1,521	LF	\$ 279.27	\$ 424,769.67
430-175-218	PIPE CULVERT, ECRP, ELIP, 18"	116	LF	\$ 128.22	\$ 14,873.52
430-175-224	PIPE CULVERT, ECRP, ELIP, 24"	127	LF	\$ 123.97	\$ 15,744.19
440-000	EDGEDRAIN	11,780	LF	\$ 30.00	\$ 353,400.00
440-000	EDGEDRAIN OUTFALL	40	AS	\$ 300.00	\$ 12,000.00
515-2-311	PEDESTRIAN/BICYCLE RAILING, ALUMINUM, 42" TYPE 1	45	LF	\$ 101.15	\$ 4,551.75
520-1-10	CONCRETE CURB & GUTTER, TYPE F	11,925	LF	\$ 28.17	\$ 335,927.25
520-2-10	CONCRETE CURB, HEADER	200	LF	\$ 21.30	\$ 4,260.00
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	10,307	SY	\$ 48.73	\$ 502,260.11
523-3	GREEN PATTERNED PAVEMENT (BIKE LANE)	490	SY	\$ 105.00	\$ 51,450.00
570-1-2	PERFORMANCE TURF, SOD	47,911	SY	\$ 2.89	\$ 138,463.11
700-1-11	(R01-01) STOP	1	AS	\$ 420.32	\$ 420.32
700-1-11	(W01-06L) ONE DIRECTION ARROW	1	AS	\$ 420.32	\$ 420.32
700-1-11	(OM4-1) RED REFLECTORS TYPE IV	7	AS	\$ 420.32	\$ 2,942.24
700-1-11	(OM1-1) YELLOW REFLECTORS TYPE I	7	AS	\$ 420.32	\$ 2,942.24
700-1-11	(R02-01) SPEED LIMIT SIGN (45 MPH) (24" X 30")	2	AS	\$ 420.32	\$ 840.64
700-1-11	(R03-17) BIKE LANE SIGN (24" X 18")	1	AS	\$ 420.32	\$ 420.32
700-1-11	(R4-7) KEEP RIGHT MEDIAN SIGN (24" X 30")	3	AS	\$ 420.32	\$ 1,260.96
700-1-60	SINGLE POST SIGN, REMOVE	9	AS	\$ 40.84	\$ 367.56
706-1-3	REFLECTIVE PAVEMENT MARKERS	360	EA	\$ 3.64	\$ 1,310.40
711-11-124	THERMOPLASTIC WHITE 18" SOLID LINE	128	LF	\$ 4.01	\$ 513.28
711-11-125	THERMOPLASTIC WHITE 24" SOLID LINE	221	LF	\$ 5.42	\$ 1,197.82
711-11-141	THERMOPLASTIC WHITE SKIP 6" (2-4")	0.3	GM	\$ 2,175.38	\$ 652.61
711-11-170	THERMOPLASTIC WHITE REGULAR ARROWS (THRU, TURN, BIKE)	59	EA	\$ 68.79	\$ 4,058.61
711-11-224	THERMOPLASTIC YELLOW 18" SOLID LINE	235	LF	\$ 4.57	\$ 1,073.95
711-11-241	THERMOPLASTIC YELLOW SKIP 6" (2-4")	0.04	GM	\$ 2,476.83	\$ 99.07
711-15-101	THERMOPLASTIC WHITE 6" SOLID LINE	5.2	GM	\$ 5,257.88	\$ 27,340.98
711-15-201	THERMOPLASTIC YELLOW 6" SOLID LINE	2.4	GM	\$ 5,321.00	\$ 12,770.40
Roadway Improvements Subtotal:					\$ 5,254,176.37

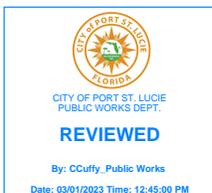
Item	Description	Quantity	Unit	Unit Cost	Item Cost
630-2-11	CONDUIT, OPEN TRENCH, F&I	5,960	LF	\$ 12.58	\$ 74,976.8
635-2-11	PULL & SPLICE BOX (F&I) (17" X 30")	7	EA	\$ 879.88	\$ 6,159.16
635-2-12	PULL & JUNCTION BOX (F&I) (24" X 36")	3	EA	\$ 1,751.21	\$ 5,253.63
1050-31-206	6" PVC WM	560	LF	\$ 76.13	\$ 42,632.80
1050-31-216	16" PVC WM	5,296	LF	\$ 96.85	\$ 512,917.60
1050-42-216	16" HDPE WM	320	LF	\$ 187.00	\$ 59,840.00
1055-31-116	BENDS	1	EA	\$ 2,930.66	\$ 2,930.66
1055-31-216	16" X 6" TEE	8	EA	\$ 3,218.16	\$ 25,745.28
1055-31-516	PLUG	1	EA	\$ 1,325.19	\$ 1,325.19
1055-31-616	WYE	1	EA	\$ 280.00	\$ 280.00
1080-21-116	METER/TEMP JUMP/BFP	1	AS	\$ 540.00	\$ 540.00
1080-24-106	6" GATE VALVE	15	EA	\$ 2,541.25	\$ 38,118.75
1080-24116	16" GATE VALVE	9	EA	\$ 7,530.45	\$ 67,774.05
1080-32-102	SAMPLE POINTS	8	AS	\$ 2,000.00	\$ 16,000.00
1644-116-08	FIRE HYDRANT ASSEMBLY	8	AS	\$ 5,794.33	\$ 46,354.64
Utilities Subtotal:					\$ 900,848.56

Item	Description	Quantity	Unit	Unit Cost	Item Cost
630-2-11	CONDUIT - SIGNAL (F&I) (OPEN TRENCH)	30	LF	\$ 12.58	\$ 377.40
Crosstown Parkway	SIGNAL CABLE (F&I)	1	PI	\$ 7,002.29	\$ 7,002.29
649-21-15	STEEL MAST ARM ASSEMBLY, F&I, 70'	1	EA	\$ 75,236.73	\$ 75,236.73
650-1-14	TRAFFIC SIGNAL F&I (ALUM, 3-SECTION, 1-WAY)	4	EA	\$ 1,141.48	\$ 4,565.92
650-1-16	TRAFFIC SIGNAL F&I (ALUM, 4-SECTION, 1-WAY)	2	EA	\$ 1,383.53	\$ 2,767.06
650-1-19	TRAFFIC SIGNAL F&I (ALUM, 5-SECTION CLUSTER, 1-WAY)	1	EA	\$ 1,830.63	\$ 1,830.63
650-1-60	TRAFFIC SIGNAL REMOVE	1	EA	\$ 103.17	\$ 103.17
650-1-70	TRAFFIC SIGNAL RELOCATE	3	EA	\$ 708.49	\$ 2,125.47
660-4-10	VEHICLE DETECTION SYSTEM, VIDEO, F&I (INSYNC SYSTEM)	1	EA	\$ 9,224.79	\$ 9,224.79
671-2-40	TRAFFIC CONTROLLER, MODIFY	1	EA	\$ 1,902.57	\$ 1,902.57
700-1-60	SIGN PANEL REMOVE	6	EA	\$ 40.84	\$ 245.04
700-3-201	SIGN PANEL (F&I, OVERHEAD MOUNT, 12 OR <)	2	EA	\$ 696.67	\$ 1,393.34
700-3-601	SIGN PANEL REMOVE	1	EA	\$ 88.20	\$ 88.20
700-5-22	INTERNAL ILLUM SIGN (F&I)(ST NAME)	1	EA	\$ 3,922.55	\$ 3,922.55
715-5-31	LUMINAIRE & BRACKET ARM- ALUMINUM, FURNISH & INSTALL	1	EA	\$ 2,886.10	\$ 2,886.10
Signalization Subtotal:					\$ 113,671.26

Subtotal Construction Costs:					\$ 6,268,696.19
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Item	Description	Quantity	Unit	Unit Cost	Item Cost
101-1	MOBILIZATION	1	LS	\$ 5%	\$ 329,106.55
102-1	MAINTENANCE OF TRAFFIC	1	LS	\$ 5%	\$ 313,434.81

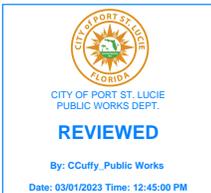
Segment 2A Phase 1 Construction Costs \$ 6,911,237.55



**Crosstown Parkway Segment 2A Phase 2
Engineer's Estimate of Probable Cost**

March 1, 2023

Item	Description	Quantity	Unit	Unit Cost	Subtotal Cost
104	NPDES COMPLIANCE (EROSION CONTROL)	1	LS	\$ 3,000.00	\$ 3,000.00
104-12	STAKED SILT FENCE	9,504	LF	\$ 5.43	\$ 51,606.72
110-1-1	CLEARING & GRUBBING	13	AC	\$ 19,814.80	\$ 259,573.88
120-1	REGULAR EXCAVATION	86,559	CY	\$ 9.64	\$ 834,428.76
120-6	EMBANKMENT	29,277	CY	\$ 13.48	\$ 394,653.96
160-4	TYPE B STABILIZATION	18,498	SY	\$ 5.22	\$ 96,559.56
285-709	OPTIONAL BASE, BASE GROUP 09	17,658	SY	\$ 18.45	\$ 325,790.10
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,850	TN	\$ 105.87	\$ 195,859.50
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5	925	TN	\$ 131.36	\$ 121,508.00
425-1-551	INLETS, DT BOT, TYPE E, <10'	15	EA	\$ 5,324.28	\$ 79,864.20
425-1-553	INLETS, DT BOT, TYPE E, J BOT <10'	7	EA	\$ 8,173.99	\$ 57,217.93
425-1-554	INLETS, DT BOT, TYPE E, J BOT >10'	4	EA	\$ 8,400.00	\$ 33,600.00
425-11	MANHOLES, P-7, <10', MODIFY	1	EA	\$ 1,870.83	\$ 1,870.83
430-175-118	PIPE CULVERT, HPPP, ROUND, 18"	1,176	LF	\$ 95.32	\$ 112,096.32
430-175-124	PIPE CULVERT, HPPP, ROUND, 24"	300	LF	\$ 113.49	\$ 34,047.00
430-175-130	PIPE CULVERT, HPPP, ROUND, 30"	300	LF	\$ 144.29	\$ 43,287.00
430-175-136	PIPE CULVERT, HPPP, ROUND, 36"	1,185	LF	\$ 190.01	\$ 225,161.85
430-175-136	PIPE CULVERT, CAP, ROUND, 36"	154	LF	\$ 190.01	\$ 29,261.54
430-175-142	PIPE CULVERT, HPPP, ROUND, 42"	634	LF	\$ 206.84	\$ 131,136.56
430-175-148	PIPE CULVERT, HPPP, ROUND, 48"	1,111	LF	\$ 279.27	\$ 310,268.97
430-175-148	PIPE CULVERT, CAP, ROUND, 48"	154	LF	\$ 279.27	\$ 43,007.58
440-000	EDGEDRAIN	7,300	LF	\$ 30.00	\$ 219,000.00
440-000	EDGEDRAIN OUTFALL	26	AS	\$ 300.00	\$ 7,800.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	7,342	LF	\$ 28.17	\$ 206,824.14
520-2-10	CONCRETE CURB, HEADER	91	LF	\$ 21.30	\$ 1,938.30
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	6,586	SY	\$ 48.73	\$ 320,935.78
523-3	GREEN PATTERNED PAVEMENT (BIKE LANE)	159	SY	\$ 105.00	\$ 16,741.67
570-1-2	PERFORMANCE TURF, SOD	30,800	SY	\$ 2.89	\$ 89,012.00
700-1-11	(R01-01) STOP	3	AS	\$ 420.32	\$ 1,260.96
700-1-11	(W01-06L) ONE DIRECTION ARROW	1	AS	\$ 420.32	\$ 420.32
700-1-11	(W01-07) TWO WAY DIRECTION ARROW	1	AS	\$ 420.32	\$ 420.32
700-1-11	(OM4-1) RED REFLECTORS TYPE IV	7	AS	\$ 420.32	\$ 2,942.24
700-1-11	(OM1-1) YELLOW REFLECTORS TYPE I	7	AS	\$ 420.32	\$ 2,942.24
700-1-11	(R02-01) SPEED LIMIT SIGN (45 MPH) (24" X 30")	2	AS	\$ 420.32	\$ 840.64
700-1-11	(R4-7) KEEP RIGHT MEDIUM SIGN (24" X 30")	3	AS	\$ 420.32	\$ 1,260.96
700-1-60	SINGLE POST SIGN, REMOVE	7	AS	\$ 40.84	\$ 285.88
706-1-3	REFLECTIVE PAVEMENT MARKERS	93	EA	\$ 3.64	\$ 338.52
711-11-125	THERMOPLASTIC WHITE 24" SOLID LINE	58	LF	\$ 5.42	\$ 314.36
711-11-141	THERMOPLASTIC WHITE SKIP 6" (2-4')	0.1	GM	\$ 2,175.38	\$ 217.54
711-11-170	THERMOPLASTIC WHITE REGULAR ARROWS (THRU, TURN, BIKE)	12	EA	\$ 68.79	\$ 825.48
711-15-101	THERMOPLASTIC WHITE 6" SOLID LINE	2.9	GM	\$ 5,257.88	\$ 15,247.85
711-15-201	THERMOPLASTIC YELLOW 6" SOLID LINE	1.4	GM	\$ 5,321.00	\$ 7,449.40
Roadway Improvements Subtotal:					\$ 4,280,818.86
Item	Description	Quantity	Unit	Unit Cost	Subtotal Cost
630-2-11	CONDUIT, OPEN TRENCH, F&I	3970	LF	\$ 12.58	\$ 49,942.60
635-2-11	PULL & SPLICE BOX (F&I) (17" X 30")	3	EA	\$ 879.88	\$ 2,639.64
635-2-12	PULL & JUNCTION BOX (F&I) (24" X 36")	2	EA	\$ 1,751.21	\$ 3,502.42
1050-31-206	6" PVC WM	334	LF	\$ 76.13	\$ 25,427.42
1050-31-212	12" PVC WM	5	LF	\$ 86.69	\$ 433.45
1050-31-216	16" PVC WM	3726	LF	\$ 96.85	\$ 360,863.10
1055-31-116	BENDS	1	EA	\$ 2,930.66	\$ 2,930.66
1055-31-216	16" X 6" TEE	5	EA	\$ 3,218.16	\$ 16,090.80
1055-31-616	WYE	1	EA	\$ 280.00	\$ 280.00
1055-51-316	16" X 12" REDUCER	1	EA	\$ 1,129.77	\$ 1,129.77
1080-21-116	METER/TEMP JUMP/BFP	1	AS	\$ 540.00	\$ 540.00
1080-23-116	16" X 12" TS&V	1	EA	\$ 16,462.54	\$ 16,462.54
1080-24-106	6" GATE VALVE	10	EA	\$ 2,541.25	\$ 25,412.50
1080-24-116	16" GATE VALVE	6	EA	\$ 7,530.45	\$ 45,182.70
1080-32-102	SAMPLE POINTS	5	AS	\$ 2,000.00	\$ 10,000.00
1644-116-08	FIRE HYDRANT ASSEMBLY	5	AS	\$ 5,794.33	\$ 28,971.65
Utilities Subtotal:					\$ 589,809.25
Subtotal Construction Costs:					\$4,870,628.11
Item	Description	Quantity	Unit	Unit Cost	Subtotal Cost
101-1	MOBILIZATION	1	LS	\$ 255,707.98	\$ 255,707.98
102-1	MAINTENANCE OF TRAFFIC	1	LS	\$ 243,531.41	\$ 243,531.41
Segment 2A Phase II Construction Costs					\$ 5,369,867.49



**Crosstown Parkway Segment 2A Phase 1 & 2
Engineer's Estimate of Probable Cost**

March 1, 2023

Segment 2A Phase I and II - Landscaping and Irrigation

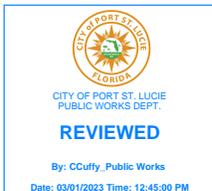
Item	Description	Quantity	Unit	Unit Cost	Item Cost
580-1-0	2A1 & 2A2 CENTER MEDIAN TREES	173	EA	\$ 350.00	\$ 60,550.00
580-1-1	2A1 & 2A2 CENTER MEDIAN PALM TREES	363	EA	\$ 200.00	\$ 72,600.00
580-1-2	2A1 & 2A2 CENTER MEDIAN SHRUBS	51	EA	\$ 30.00	\$ 1,530.00
580-1-3	2A1 & 2A2 CENTER MEDIAN GROUNDCOVERS	3,296	EA	\$ 15.00	\$ 49,440.00
580-1-4	2A1 & 2A2 NORTH SIDE STREET TREES	243	EA	\$ 350.00	\$ 85,050.00
580-1-4	2A1 & 2A2 SOUTH SIDE STREET TREES	245	EA	\$ 350.00	\$ 85,750.00
590-70	2A1 & 2A2 IRRIGATION SYSTEM	1	LS	\$ 392,000.00	\$ 392,000.00
Landscaping and Irrigation Subtotal:					\$ 746,920.00

Total Segment 2A1 and 2AII Costs:	\$13,028,025.04
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Bonding	20%	\$ 2,605,605.01
Bond Total (120% Construction Costs)		\$15,633,630.05

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent the Engineer's judgment as a design professional familiar with the construction industry. The Engineer can't and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

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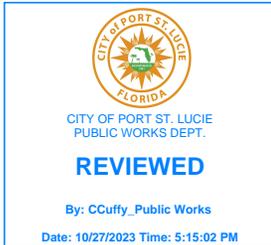


Crosstown Parkway Segment 2A1 and 2A2
Engineer's Estimate of Probable Cost
 October 27, 2023

Description	Segments 2A1 and 2A2 Subtotal
Roadway Improvements Subtotal:	\$ 2,038,028.53
Utilities Subtotal:	\$ 6,121.13
Signalization Subtotal:	\$ 19,907.60
Subtotal Construction Costs	\$ 2,064,057.26
Mobilization and MOT	\$ 211,565.87
Subtotal Construction Costs	\$ 2,275,623.13
Landscaping and Irrigation Subtotal	\$ 740.00
Total Segment 2A1 & 2A2 Costs	\$ 2,276,363.13
Bonding	\$ 455,272.63
Bonding Total (120% Construction Costs)	\$ 2,731,635.75

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent the Engineer's judgment as a design professional familiar with the construction industry. The Engineer can't and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

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CITY OF PORT ST. LUCIE
PUBLIC WORKS DEPT.

REVIEWED

By: CCuffy_Public Works

Date: 10/27/2023 Time: 5:15:02 PM

Crosstown Parkway Segment 2A Phase I - 4 Lanes Engineer's Estimate of Probable Cost October 27, 2023

Item	Description	Quantity	Unit	Unit Cost	Item Cost
110-1-1	CLEARING & GRUBBING	3.3	AC	\$ 33,390.65	\$ 111,556.66
120-1	REGULAR EXCAVATION	688	CY	\$ 8.26	\$ 5,684.10
160-4	TYPE B STABILIZATION	17,787	SY	\$ 7.93	\$ 141,050.91
285-709	OPTIONAL BASE, BASE GROUP 09	17,163	SY	\$ 28.12	\$ 482,623.56
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,820	TN	\$ 148.37	\$ 270,033.40
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5	921	TN	\$ 173.61	\$ 159,894.81
327-70-1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	1,880	SY	\$ 2.67	\$ 5,019.60
425-1-351	INLETS, CURB, TYPE P-5, <10'	1	EA	\$ 8,933.56	\$ 8,933.56
425-1-365	INLETS, CURB, TYPE P-6, PARTIAL	2	EA	\$ 7,653.69	\$ 15,307.38
425-1-451	INLETS, CURB, TYPE J-5, <10'	1	EA	\$ 17,646.31	\$ 17,646.31
430-175-118	PIPE CULVERT, HPPP, ROUND, 18"	139	LF	\$ 136.97	\$ 19,038.83
440-000	EDGEDRAIN	1,017	LF	\$ 30.00	\$ 30,510.00
440-000	EDGEDRAIN OUTFALL	5	AS	\$ 300.00	\$ 1,500.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,681	LF	\$ 46.73	\$ 78,553.13
520-2-10	CONCRETE CURB, HEADER	111	LF	\$ 39.25	\$ 4,356.75
523-3	GREEN PATTERNED PAVEMENT (BIKE LANE)	10	SY	\$ 201.69	\$ 2,016.90
700-1-11	SINGLE POST SIGN, F&I (GM 0-12' SF)	3	AS	\$ 496.56	\$ 1,489.68
700-1-60	SINGLE POST SIGN, REMOVE	2	AS	\$ 49.85	\$ 99.70
706-1-3	REFLECTIVE PAVEMENT MARKERS	345	EA	\$ 4.54	\$ 1,566.30
711-11-125	THERMOPLASTIC WHITE 24" SOLID LINE	33	LF	\$ 6.66	\$ 219.78
711-11-141	THERMOPLASTIC WHITE SKIP 6" (2-4')	0.1	GM	\$ 2,643.44	\$ 264.34
711-11-170	THERMOPLASTIC WHITE REGULAR ARROWS (THRU, TURN, BIK	36	EA	\$ 88.67	\$ 3,192.12
711-15-101	THERMOPLASTIC WHITE 6" SOLID LINE	0.2	GM	\$ 6,340.60	\$ 1,268.12
711-15-131	THERMOPLASTIC WHITE SKIP 6" (10-30')	0.2	EA	\$ 2,177.87	\$ 435.57
Roadway Improvements Subtotal:					\$1,362,261.52

Item	Description	Quantity	Unit	Unit Cost	Item Cost
1050-31-206	6" PVC WM	5	LF	\$ 133.04	\$ 665.20
1644800	FIRE HYDRANT RELOCATE	1	AS	\$ 5,455.93	\$ 5,455.93
Utilities Subtotal:					\$ 6,121.13

Item	Description	Quantity	Unit	Unit Cost	Item Cost
632-7-1	SIGNAL CABLE (F&I)	1	PI	\$ 9,545.20	\$ 9,545.20
650-1-34	TRAFFIC SIGNAL F&I (POLY, 3-SECTION, 1-WAY)	2	EA	\$ 1,853.65	\$ 3,707.30
650-1-60	TRAFFIC SIGNAL REMOVE	1	EA	\$ 196.36	\$ 196.36
650-1-70	TRAFFIC SIGNAL RELOCATE	2	EA	\$ 1,011.77	\$ 2,023.54
671-2-40	TRAFFIC CONTROLLER, MODIFY	1	EA	\$ 4,361.39	\$ 4,361.39
700-3-601	SIGN PANEL REMOVE	1	EA	\$ 73.81	\$ 73.81
Signalization Subtotal:					\$ 19,907.60

Subtotal Construction Costs: \$1,388,290.25

Item	Description	Quantity	Unit	Unit Cost	Item Cost
101-1	MOBILIZATION	1	LS	5%	\$ 72,885.24
102-1	MAINTENANCE OF TRAFFIC	1	LS	5%	\$ 69,414.51

Segment 2A Phase I Construction Costs \$1,530,590.00

Crosstown Parkway Segment 2A Phase II - 4 Lanes Engineer's Estimate of Probable Cost

October 27, 2023

Item	Description	Quantity	Unit	Unit Cost	Subtotal Cost
110-1-1	CLEARING & GRUBBING	1.9	AC	\$ 33,390.65	\$ 62,968.30
160-4	TYPE B STABILIZATION	9,960	SY	\$ 7.93	\$ 78,982.80
285-709	OPTIONAL BASE, BASE GROUP 09	9,544	SY	\$ 28.12	\$ 268,377.28
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,004	TN	\$ 148.37	\$ 148,963.48
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5	502	TN	\$ 173.61	\$ 87,152.22
425-1-355	INLETS, CURB, TYPE P-5, PARTIAL	1	EA	\$ 9,225.08	\$ 9,225.08
520-1-10	CONCRETE CURB & GUTTER, TYPE F	264	LF	\$ 46.73	\$ 12,336.72
520-2-10	CONCRETE CURB, HEADER	40	LF	\$ 39.25	\$ 1,570.00
700-1-11	SINGLE POST SIGN, F&I (GM 0-12' SF)	8	AS	\$ 496.56	\$ 3,972.48
700-1-60	SINGLE POST SIGN, REMOVE	7	AS	\$ 49.85	\$ 348.95
706-1-3	REFLECTIVE PAVEMENT MARKERS	171	EA	\$ 4.54	\$ 776.11
711-11-125	THERMOPLASTIC WHITE 24" SOLID LINE	18	LF	\$ 6.66	\$ 119.88
711-11-141	THERMOPLASTIC WHITE SKIP 6" (2-4')	0.1	GM	\$ 2,643.44	\$ 264.34
711-11-170	THERMOPLASTIC WHITE REGULAR ARROWS (THRU, TURN, BIKE)	8	EA	\$ 88.67	\$ 709.36
Subtotal Construction Costs:					\$675,767.01
Item	Description	Quantity	Unit	Unit Cost	Subtotal Cost
101-1	MOBILIZATION	1	LS	5%	\$ 35,477.77
102-1	MAINTENANCE OF TRAFFIC	1	LS	5%	\$ 33,788.35

Segment 2A Phase II Construction Costs **\$ 745,033.13**

Crosstown Parkway Segment 2A Phase I & II - 4 Lanes Engineer's Estimate of Probable Cost

October 26, 2023

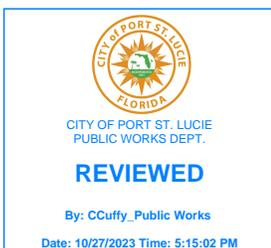
Segment 2A Phase I and II - Landscaping and Irrigation

Item	Description	Quantity	Unit	Unit Cost	Item Cost
580-1-3	2A1 & 2A2 CENTER MEDIAN GROUNDCOVERS	26	EA	\$ 15.00	\$ 390.00
580-1-4	2A1 & 2A2 SOUTH SIDE STREET TREES	1	EA	\$ 350.00	\$ 350.00
Landscaping and Irrigation Subtotal:					\$ 740.00

Total Segment 2A1 and 2A2 Costs:	\$2,276,363.13
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Bonding 20% **\$ 455,272.63**

Bond Total (120% Construction Costs) **\$2,731,635.75**



The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent the Engineer's judgment as a design professional familiar with the construction industry. The Engineer can't and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

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