

Three Islands Guardhouses & Traffic Calming Project
Roadway Improvements Opinion of Project Cost
City of Hallandale Beach
Date 3/22/2019

CTA Project No. 18-0038



***Note: Soft Construction Costs are excluded including: Mobilization, Insurance, Bonding, Testing, Permits, Construction Layout & MOT**

Item Description	Quantity	Unit	Unit Price	Total
A. DEMOLITION				
1 Sawcut Existing Concrete / Asphalt	8,574	LF	\$ 2.50	\$ 21,435.00
2 Remove and Dispose of Existing Concrete Sidewalk	384	SY	\$ 2.50	\$ 960.00
3 Remove and Dispose of Existing Concrete Curb	575	LF	\$ 4.50	\$ 2,587.50
4 Asphalt, Limerock and Subgrade Removal for Excavation of Bioswale (Assumed Depth 4-6 ft)	1,015	SY	\$ 12.50	\$ 12,687.50
5 Remove Asphalt Speed Table	2	EA	\$ 2,000.00	\$ 4,000.00
6 Vacuum / Clean Existing Catch Basins	55	EA	\$ 250.00	\$ 13,750.00
			Subtotal A	\$ 55,420.00

B. ROADWAY				
1 Mill 1" of Existing Asphalt	43,150	SY	\$ 5.50	\$ 237,325.00
2 Resurface 1" min. of Type S-III Asphalt (Includes Tack Coat and Base Adjustment to Match Proposed and Existing Elevations)	43,150	SY	\$ 9.50	\$ 409,925.00
3 Furnish and Install Concrete Sidewalk (6" Thick)	385	SY	\$ 65.00	\$ 25,025.00
4 ADA Sidewalk Ramps (6" Thick Concrete with Detectable Warning Strip)	24	EA	\$ 1,500.00	\$ 36,000.00
5 Furnish and Install Type 'F' Curb & Gutter	5,950	LF	\$ 21.00	\$ 124,950.00
6 Stamped Asphalt Crosswalk	433	SY	\$ 47.50	\$ 20,567.50
7 Furnish and Install Brick Pavers (Including Base and Subgrade)	65	SF	\$ 135.00	\$ 8,775.00
8 Furnish and Install Raised Asphalt Speed Table Crosswalk	3	EA	\$ 4,500.00	\$ 13,500.00
9 6" White Thermoplastic Pavement Markings	45,700	LF	\$ 1.25	\$ 57,125.00
10 12" White Thermoplastic Pavement Markings	2,715	LF	\$ 2.75	\$ 7,466.25
11 18" White Thermoplastic Pavement Markings	3,850	LF	\$ 3.75	\$ 14,437.50
12 24" White Thermoplastic Pavement Markings	600	LF	\$ 4.75	\$ 2,850.00
13 Shared Bike Lane Pavement Markings	22	EA	\$ 250.00	\$ 5,500.00
14 Furnish and Install Roadway Regulatory Signage	19	EA	\$ 750.00	\$ 14,250.00
15 In-ground Roadway Lighting & Rectangular Rapid Flashing Beacon for Pedestrian Crossing Signage (Including Electrical Services & Conduits)	1	LS	\$ 47,500.00	\$ 47,500.00
16 Bioswale with Ballast Rock, Sand / Topsoil / Mulch Mix and Filter Fabric per Bioswale Details (Excludes Excavation Efforts covered under Demolition Item 4)	9,100	SF	\$ 12.50	\$ 113,750.00
			Subtotal B	\$ 1,138,946.25

C. LANDSCAPING				
1 Gumbo Limbo	21	EA	\$ 956.25	\$ 20,081.25
2 Southern Live Oak	12	EA	\$ 1,068.75	\$ 12,825.00
3 Bald Cypress	26	EA	\$ 1,113.75	\$ 28,957.50
5 Sabal Palm	42	EA	\$ 337.50	\$ 14,175.00
6 Montgomery Palm	32	EA	\$ 506.25	\$ 16,200.00
7 Montgomery Palm - Triple	1	EA	\$ 607.50	\$ 607.50
8 Shrubs (Including Sod / Turf Installation)	1	LS	\$ 58,000.00	\$ 58,000.00
			Subtotal C	\$ 150,846.25

D. IRRIGATION, LIGHTING & SIGNAGE				
1 Irrigation Modification (2 new pump stations / wells, new controllers, new mainline, new zones / heads & sleeving)	1	LS	\$ 147,000.00	\$ 147,000.00
2 Lighting Upgrades at Guardhouse & Landscape Area	1	LS	\$ 120,000.00	\$ 120,000.00
3 Upgrade Cobra Heads to LED (Existing Electrical Service and Pole to Remain)	60	EA	\$ 2,050.00	\$ 123,000.00
4 Install Raised Mast Arms (Existing Electrical Service and Pole to Remain)	60	EA	\$ 2,000.00	\$ 120,000.00
5 Monument Signage (Including LED Sign and Electrical Services)	2	EA	\$ 25,000.00	\$ 50,000.00
6 Guardhouse Gate Removal & Replacement	1	LS	\$ 15,250.00	\$ 15,250.00
7 Electronic Speed Feedback Signage (ESFS)	4	EA	\$ 12,500.00	\$ 50,000.00
			Subtotal D	\$ 625,250.00

Construction Subtotal \$ 1,970,462.50