

**MAINTENANCE BOND COST ESTIMATE
FOR
DISCOVERY WAY AT RIVERLAND - PARCEL A
P19-075**

VELCON Project No. 20-1003

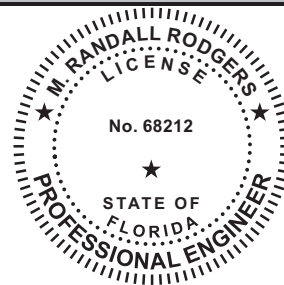
ITEM	TOTAL
WATER DISTRIBUTION SYSTEM	\$ 621,395.00
SANITARY SEWER SYSTEM	\$ 726,351.25
SUBTOTAL - WATER AND SEWER	\$ 1,347,746.25
DRAINAGE SYSTEM	\$ 385,547.50
PAVING AND GRADING	\$ 1,478,891.50
SUBTOTAL - PAVING AND DRAINAGE	\$ 1,864,439.00
STREET TREES (Quercus virginiana/Live Oak, Qty 131 x \$625 ea.)(Palms, Qty 89 x \$480 ea.)	\$ 124,595.00
SUBTOTAL - STREET TREES	\$ 124,595.00
EROSION CONTROL	\$ 22,500.00
SUBTOTAL - EROSION CONTROL	\$ 22,500.00
SET PRM'S	\$ 6,650.00
SET PCP'S	\$ 4,800.00
SUBTOTAL - MONUMENTS	\$ 11,450.00
TOTAL CONSTRUCTION COST	\$ 3,370,730.25
20% CONTINGENCIES	\$ 674,146.05
120% OF THE CONSTRUCTION COST	\$ 4,044,876.30
ROUNDED SURETY AMOUNT	\$ 4,044,900.00

NOTE: Standard FPL street lights shall be provided at no cost through an FPL agreement.

MAINTENANCE BOND FOR 15% TOTAL CONSTRUCTION COST	\$ 505,609.54
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Date: 08-31-21

WATER MAIN AND FORCE MAIN COST ESTIMATE

FOR

DISCOVERY WAY AT RIVERLAND - PARCEL A

P19-075

VELCON Project No. 20-1003

ITEM No.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
WATER MAIN					
1	12" PVC WM	150	LF	\$ 33.00	\$ 4,950.00
2	12" VALVE	2	EA	\$ 3,200.00	\$ 6,400.00
3	30" PVC WATER MAIN	4,125	LF	\$ 130.00	\$ 536,250.00
4	30" PLUG	1	EA	\$ 2,235.00	\$ 2,235.00
5	30" GATE VALVE	2	EA	\$ 30,000.00	\$ 60,000.00
6	FITTINGS WM	1	LS	\$ 6,560.00	\$ 6,560.00
7	AUTO FLUSH DEVICE	1	EA	\$ 5,000.00	\$ 5,000.00
SUB TOTAL WATER MAIN					\$ 621,395.00
SEWER FORCE MAIN					
8	2" FO CONDUIT/CABLE	6,015	LF	\$ 5.75	\$ 34,586.25
9	12" PVC FM	10	LF	\$ 34.00	\$ 340.00
10	12" PLUG	1	EA	\$ 800.00	\$ 800.00
11	12" GATE VALVE	1	EA	\$ 3,200.00	\$ 3,200.00
12	24" PVC FM	6,015	LF	\$ 95.00	\$ 571,425.00
13	24" PLUG FM	1	EA	\$ 2,200.00	\$ 2,200.00
14	24" GATE VALVE	4	EA	\$ 16,100.00	\$ 64,400.00
15	FITTINGS FM	1	LS	\$ 44,900.00	\$ 44,900.00
16	FIBER OPTIC PULL BOX	9	EA	\$ 500.00	\$ 4,500.00
SUB TOTAL FORCE MAIN					\$ 726,351.25
TOTAL					\$ 1,347,746.25

NOTE: THE UNIT PRICES USED IN THIS COST ESTIMATE ARE ESTIMATES OF CURRENT COSTS BASED ON RECENT BIDS RECEIVED, OR ON PAST BIDS ADJUSTED BY CURRENT PRICE INDEXES. THEIR ACCURACY IS A FUNCTION OF ECONOMIC CONDITIONS AT THE TIME THE WORK IS ACTUALLY BID.

VELCON ENGINEERING AND SURVEYING, LLC

1449 NW COMMERCE CENTRE DR.
PORT ST LUCIE, FLORIDA 34986

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PAVING AND DRAINAGE COST ESTIMATE
 FOR
DISCOVERY WAY AT RIVERLAND - PARCEL A
 P20-075

VELCON Project No. 20-1003

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
ROADWAY					
1	MOBILIZATION	1	LS	\$ 15,000.00	\$ 15,000.00
2	M.O.T. (INCL. PEDESTRIAN MOT)	1	LS	\$ 2,500.00	\$ 2,500.00
3	ROW GRADING	76,850	SY	\$ 0.50	\$ 38,425.00
4	1.5" SP 12.5 (FINAL LIFT)	19,365	SY	\$ 13.50	\$ 261,427.50
5	3.0" SP 12.5 (STRUCTURAL)	19,365	SY	\$ 19.00	\$ 367,935.00
6	8" BASE ROCK	19,365	SY	\$ 13.00	\$ 251,745.00
7	12" SABALIZED SUBGRADE	23,360	SY	\$ 3.50	\$ 81,760.00
8	TYPE F CURB	6,000	LF	\$ 13.00	\$ 78,000.00
9	8' SIDEWALK 4" THICK	88,410	SF	\$ 3.90	\$ 344,799.00
10	HANDICAP RAMP	4	EA	\$ 1,575.00	\$ 6,300.00
11	SIGNING & STRIPING	1	LS	\$ 31,000.00	\$ 31,000.00
SUB TOTAL ROADWAY					\$ 1,478,891.50
DRAINAGE					
12	TYPE E INLETS	6	EA	\$ 3,500.00	\$ 21,000.00
13	P-X INLETS	10	EA	\$ 5,600.00	\$ 56,000.00
14	P-5 INLETS	5	EA	\$ 5,175.00	\$ 25,875.00
15	P-6 INLETS	1	EA	\$ 5,400.00	\$ 5,400.00
16	J-6 INLETS	3	EA	\$ 7,750.00	\$ 23,250.00
17	36" RCP	32	LF	\$ 95.50	\$ 3,056.00
18	30" RCP	30	LF	\$ 75.50	\$ 2,265.00
19	24" RCP	1,359	LF	\$ 55.50	\$ 75,424.50
20	18" RCP	944	LF	\$ 40.00	\$ 37,760.00
21	24" CAP	70	LF	\$ 58.00	\$ 4,060.00
25	TIE INTO EXIST.	3	EA	\$ 765.00	\$ 2,295.00
26	EDGE DRAIN	5,871	LF	\$ 22.00	\$ 129,162.00
SUB TOTAL DRAINAGE					\$ 385,547.50
TOTAL					\$ 1,864,439.00

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