

EXHIBIT A**FAIRWAY DR, FT PIERCE - STORMWATER IMPROVEMENTS**

Proposal REV 11-22-2024

#8 Manhole thru #10 Manhole - 36" RCP Replacement Only

A ITEM NO.	B DESCRIPTION OF WORK	QUANTITY	UNIT	UNIT PRICE	C SCHEDULED VALUE
1	MOBILIZATION	1.00	LSU	\$ 12,000.00	\$ 12,000.00
2	CLEARING & GRUBBING	1.00	LSU	\$ 6,400.00	\$ 6,400.00
3	GENERAL CONDITIONS	1.00	LSU	\$ 6,400.00	\$ 6,400.00
4	MAINTENANCE OF TRAFFIC	1.00	LSU	\$ 4,700.00	\$ 4,700.00
5	REHABILITATE STRUCTURE W/ CONNECTIONS: #8 MH THRU #10 MH	3.00	EA	\$ 5,000.00	\$ 15,000.00
6	REMOVE & REPLACE 36" RCP	392.00	LF	\$ 305.00	\$ 119,560.00
7	F-CURB RESTORATION	60.00	LF	\$ 55.00	\$ 3,300.00
8	CONCRETE DRIVEWAY RESTORATION	300.00	SF	\$ 25.00	\$ 7,500.00
9	CONCRETE FLUME RESTORATION	2.00	EA	\$ 300.00	\$ 600.00
10	ASPHALT PATCH - 9.5 TLC MIX	200.00	SY	\$ 85.00	\$ 17,000.00
11	SOD RESTORATIONS	500.00	SY	\$ 10.00	\$ 5,000.00
12	MILLING & OVERLAY 1" - 9.5 TLC ASPHALT	580.00	SY	\$ 60.00	\$ 34,800.00
13	FINAL RESTORATIONS	1.00	LSU	\$ 7,800.00	\$ 7,800.00
					\$ 240,060.00

NOTES:

Bond is not included in this Proposal.

Soil Proctor & Density Testing is included.

Concrete Driveway Replacement included - 1039 Grandview Blvd, Fort Pierce

SFWMD Dewatering Permit, Dewatering Permit Engineering, & FDEP NOI Included.

Excludes all additional Permits, Fees, and Impacts associated with the Work.

Daytime Hours Only: 7:00 AM - 5:00 PM

As-Built Drawing will be Contractor Red-Line.

Final Restorations include irrigation, landscaping, tree/vegetation pruning and/or restoration, and disposal of unsuitable/excess materials.

FAIRWAY DR, FT PIERCE - STORMWATER IMPROVEMENTS

Proposal REV 11-22-2024

#1 Catch Basin thru #7 Catch Basin - 42" RCP Replacement Only

A ITEM NO.	B DESCRIPTION OF WORK	QUANTITY	UNIT	UNIT PRICE	C SCHEDULED VALUE
1	MOBILIZATION	1.00	LSU	\$ 12,000.00	\$ 12,000.00
2	CLEARING & GRUBBING	1.00	LSU	\$ 10,600.00	\$ 10,600.00
3	GENERAL CONDITIONS	1.00	LSU	\$ 11,600.00	\$ 11,600.00
4	MAINTENANCE OF TRAFFIC	1.00	LSU	\$ 8,300.00	\$ 8,300.00
5	REMOVE & REPLACE #2 MANHOLE STRUCTURE	1.00	EA	\$ 15,000.00	\$ 15,000.00
6	REHABILITATE STRUCTURE W/ CONNECTIONS: #1 CB THRU #7 CB	6.00	EA	\$ 5,000.00	\$ 30,000.00
7	REMOVE & REPLACE 42" RCP	711.00	LF	\$ 370.00	\$ 263,070.00
8	F-CURB RESTORATION	100.00	LF	\$ 55.00	\$ 5,500.00
9	CONCRETE FLUME RESTORATION	2.00	EA	\$ 300.00	\$ 600.00
10	ASPHALT PATCH - 9.5 TLC MIX	600.00	SY	\$ 85.00	\$ 51,000.00
11	SOD RESTORATIONS	1,030.00	SY	\$ 10.00	\$ 10,300.00
12	MILLING & OVERLAY 1" - 9.5 TLC ASPHALT	1,000.00	SY	\$ 60.00	\$ 60,000.00
13	FINAL RESTORATIONS	1.00	LSU	\$ 8,000.00	\$ 8,000.00
					\$ 485,970.00

NOTES:

Bond is not included in this Proposal.

Soil Proctor & Density Testing is included.

SFWMD Dewatering Permit, Dewatering Permit Engineering, & FDEP NOI Included.

Excludes all additional Permits, Fees, and Impacts associated with the Work.

Daytime Hours Only: 7:00 AM - 5:00 PM

As-Built Drawing will be Contractor Red-Line.

Final Restorations include irrigation, landscaping, tree/vegetation pruning and/or restoration, and disposal of unsuitable/excess materials.



LEGEND

ABAND.	ABANDONED
APPROX.	APPROXIMATE
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
LB	LICENSED BUSINESS
MH	MANHOLE
PLS	PROFESSIONAL LAND SURVEYOR
PSM	PROFESSIONAL SURVEYOR & MAPPER
PT#	POINT NUMBER
RCP	REINFORCED CONCRETE PIPE
SAN.	SANITARY SEWER

PIPE MEASUREMENT TABLE
(SHOWN IN NGVD 29 ELEVATIONS)

PT#	TYPE	RIM	N	NE	E	SE	S	SW	W	NW	BOTTOM	CROSSINGS
1	CB	20.37		ABAND.		10.86				10.22	10.80	
2	MH	20.49		10.30		10.40					9.27	
3	MH	19.72				10.40			10.41		9.42	
4	CB	18.58		10.88					10.77		10.88	
5	MH	19.71		10.62				11.23			10.72	TOP SAN 12" = 12.33
6	CB	19.12		11.94				11.80			11.88	
7	CB	18.09		11.87				11.86		14.92	11.99	
8	MH	18.76		12.04				11.92			11.31	TOP SAN 10" = 14.66
9	CB	18.55		12.08				12.10			11.60	
10	MH	19.29		11.43	15.53			12.02			10.02	
11	CB	18.99		12.46				12.52			12.50	
12	CB	19.45		12.92				12.91			12.98	
13	CB	20.18		12.99				12.97			12.98	TOP SAN 10" = 15.89
14	CB	19.61		13.22				13.15			13.08	
15	CB	18.71		13.59				13.50			13.51	
16	MH	19.24		14.01				13.65			13.08	TOP SAN. 12" = 15.93
17	CB	18.30		14.00				14.04			14.09	
18	MH	19.85		13.13				12.94			12.89	TOP H207 15" = 16.06
19	CB	19.12		13.34				13.30			13.39	
20	MH	19.49		13.29				13.17			13.32	TOP SAN 10" = 14.66

SURVEYOR'S NOTES

- HORIZONTAL RELATIONSHIPS & BEARINGS AS SHOWN HEREON ARE BASED ON GRID NORTH AS ESTABLISHED BY THE NOS, AND MORE PARTICULARLY THE FLORIDA STATE PLANE COORDINATE GRID, EAST ZONE, USING THE NORTH AMERICAN DATUM OF 1983 WITH THE 1999 ADJUSTMENT (NAD 83-99) AND WERE ESTABLISHED USING USG&GS DISK "H 231" (PID #AF3246) LOCATED ON THE INDIAN RIVER DRIVE BRIDGE OVER MOORE'S CREEK AND HAVING PUBLISHED NAD 83 VALUES OF NORthing = 1133851.61', EASTING = 875503.12'.
- THE PURPOSE OF THIS ASBUILT SURVEY IS TO LOCATE 20 STORM STRUCTURES AND THE PIPES WITHIN THEM IN ORDER TO VERIFY PIPE SLOPES, PIPE SIZES, AND STRUCTURE ELEVATIONS ALONG FAIRWAY DRIVE BETWEEN TRINIDAD AVENUE AND GATEWOOD AVENUE IN FT. PIERCE.
- OTHER UTILITY CROSSINGS AND UNDERGROUND IMPROVEMENTS, IF ANY, WERE NOT LOCATED EXCEPT AS SHOWN.
- THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.
- THE LINEAR PIPE DISTANCES SHOWN HEREON ARE COMPUTED FROM THE CENTER OF EACH LID OF THE MANHOLES OR THE CENTER OF EACH GRATE OF THE CATCH BASINS, AND DO NOT TAKE INTO ACCOUNT THE OFFSET OF THE PIPE END FROM THE CENTER OF THE MANHOLE LID OR GRATE.
- ORTHO-RECTIFIED DIGITAL AERIAL IMAGERY DEPICTED ON THIS SURVEY WAS PROVIDED BY ST. LUCIE COUNTY GIS DEPARTMENT, AND SAID IMAGERY WAS FLOWN IN THE SPRING OF 2006. THE PROPERTY LINES SHOWN HEREON ARE PROVIDED BY THE ST. LUCIE COUNTY GIS DEPARTMENT AND ARE INTENDED FOR GRAPHIC USES ONLY, AS NO EFFORT HAS BEEN MADE BY THIS OFFICE TO VERIFY THEIR ACCURACY.
- ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 ("NGVD29"), AND ESTABLISHED ON THE PROJECT SITE BY UTILIZING NATIONAL GEODETIC SURVEY BENCHMARKS "B 401" (PUBLISHED NGVD29 ELEVATION = 17.68'), AND "D 401" (PUBLISHED NGVD29 ELEVATION = 25.02').
- SOME BOTTOM OF STRUCTURE ELEVATIONS ARE HIGHER THAN THE LOWEST PIPE INVERTS WITHIN THE SAME STRUCTURE. IN THESE CASES, THE ELEVATION WAS TAKEN ON TOP OF A MOLDED CONCRETE "HUMP" THAT WAS INTENTIONALLY CONSTRUCTED IN THE BOTTOM OF THE STRUCTURE TO DECREASE WATER FLOW (PER THE CONTRACTOR). STRUCTURES #1 AND #2 CONTAINED WATER AT THE TIME OF THIS SURVEY, THEREFORE THE BOTTOM WAS NOT VISIBLE AND THE CONCRETE "HUMP" COULD NOT BE VERIFIED.
- MANHOLE #18 HAS A 15" PIPE CROSSING INSIDE OF IT. THIS CAN BE ASSUMED TO BE A WATER LINE DUE TO THE LACK OF NEARBY SANITARY STRUCTURES, BUT WITHOUT ADDITIONAL INFORMATION THE TYPE OF UTILITY CAN NOT POSITIVELY IDENTIFIED.
- TWO MANHOLES DEPICTED ON THIS SURVEY WERE NOT FIELD LOCATED AND ARE DEPICTED ON THIS MAP PER THE REQUEST OF THE CONTRACTOR. THESE STRUCTURES WERE PLACED UPON THE MAP USING MEASUREMENTS SHOWN ON PLANS DEVELOPED BY THE CITY OF FT. PIERCE TITLED "FAIRWAY DRIVE STORM DRAINAGE REPLACEMENT", AND THEIR LOCATIONS WERE VERBALLY DESCRIBED BY THE CONTRACTOR. THIS OFFICE DID NOT VERIFY THE ACCURACY OF THOSE LOCATIONS.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE "ASBUILT SURVEY" AS SHOWN HEREON IS A TRUE AND CORRECT REPRESENTATION OF A FIELD SURVEY MADE UNDER MY DIRECTION AND CHARGE ON APRIL 11, 2007 AND SAID "ASBUILT SURVEY" IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF. IT IS FURTHER CERTIFIED THAT THIS "ASBUILT SURVEY" COMPLIES WITH THE MINIMUM TECHNICAL STANDARDS FOR "ASBUILT SURVEY" SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

NORTHSTAR GEOMATICS, INC.

Gregory S. Fleming
GREGORY S. FLEMING, P.S.M.
FLORIDA REGISTRATION NO. 4350

APRIL 12, 2007
DATE