



PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT
INTER-OFFICE MEMORANDUM

DATE: March 4, 2021

TO: Jim Stiles
Director, Water Utilities Department

FROM: Jackie Michels, PE
Plan Review Manager, Water Utilities Department

RE: Exhibit A – Memorandum for Interlocal – Request for Approval

Project: **City of Pahokee Barfield Highway Reconstruction – Utility Replacement**
WUD #19-042, FDOT # 442030-1-54-01

The City of Pahokee (City) proposes improvements to Barfield Highway from East 7th Street to East Main Street. These improvements will necessitate the replacement and relocation of the existing 6" transmission water main with a 12" transmission water main and the replacement of existing sanitary sewer services. In order to include the water and sewer project with the roadway improvement project the City requires the County to enter into a "Memorandum" confirming the County agreement to reimburse the City the amount of \$1,046,389.66 to have the roadway contractor perform the work. Please sign Exhibit "A" and return to my attention as soon as possible.

Thank You!

Attachment: Exhibit A – Memorandum of the Interlocal Agreement with Construction
Cost Estimate

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EXHIBIT A - MEMORANDUM

In accordance with the Interlocal Agreement between Palm Beach County and the City of Pahokee Relating to Coordination of Road and Utility Construction (County Resolution No. R 2016-1168) (hereinafter "Interlocal Agreement"), this memorandum shall confirm that Palm Beach County agrees to reimburse the City of Pahokee the amount of \$1,046,389.66 for utility construction, relocation, and/or adjustment in conjunction with City Project No. 442030-1-54-01 Attached hereto and incorporated herein as Attachment 1 is a cost estimate detailing the agreed upon reimbursement. Payment terms shall be as set forth in the Interlocal Agreement.

PALM BEACH COUNTY

By: Jim Stiles
County Administrator or Designee

Date: 3-8-2021

WATER UTILITIES DEPARTMENT APPROVAL

By: Jim Stiles

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By: Michael W. Jones
County Attorney

Digitally signed by Michael W. Jones
DN: DC=org, DC=pbgov, OU=Enterprise, OU=CATT,
OU=Users, CN=Michael W. Jones,
E=MJones@pbgov.org
Reason: I am the author of this document
Location: your signing location here
Date: 2021.03.04 11:17:15-05'00'
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ENGINEERING CONSTRUCTION COST ESTIMATE
 FPID 441030-1-54-01
 Barfield Highway Water Main Replacement
 February, 2021

Pay Item	Description	Unit	Qty.	Unit Cost	Sub-Total
WATER					
0101- 1-	MOBILIZATION (5%)	LS	1.000	\$48,510.29	\$48,510.29
0102- 1-	MAINTENANCE OF TRAFFIC (10%)	LS	1.000	\$97,020.59	\$97,020.59
1050 16002	UTILITY PIPE, REMOVE & DISPOSE, 2 - 4.9"	LF	300.000	\$10.60	\$3,180.00
1050 16003	UTILITY PIPE, REMOVE & DISPOSE, 5-7.9"	LF	4474.000	\$8.95	\$40,042.30
1050 16004	UTILITY PIPE, REMOVE & DISPOSE, 8-19.9"	LF	251.000	\$13.26	\$3,328.26
1050 3128	UTILITY PIPE, F&I, PVC, WATER / SEWER, 8"	LF	900.000	\$38.70	\$34,830.00
1050 31212	UTILITY PIPE, F&I, PVC, WATER / SEWER, 12"	LF	3905.000	\$59.85	\$233,714.25
1050 5126	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 6"	LF	588.000	\$182.45	\$107,280.60
1050 5128	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 8"	LF	101.000	\$87.40	\$8,827.40
1055 11416	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, F&I, ELBOW 6"	EA	54.000	\$650.00	\$35,100.00
1055 11414	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, F&I, ELBOW 8"	EA	6.000	\$758.21	\$4,549.26
1055 51112	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, F&I, ELBOW 12"	EA	12.000	\$835.42	\$10,025.04
1055 51208	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, F&I, TEE 8"	EA	4.000	\$1,535.76	\$6,143.04
1055 51212	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, F&I, TEE 12"	EA	15.000	\$1,191.50	\$17,872.50
1055 51308	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, F&I, REDUCER 8"	EA	3.000	\$668.25	\$2,004.75
1055 51312	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, F&I, REDUCER 12"	EA	2.000	\$743.02	\$1,486.04
1055 51508	UTILITY FITTINGS, DI/CI, F&I, CAP/PL, 8"	EA	2.000	\$838.37	\$1,676.74
1055 51612	UTILITY FITTINGS, DI/CI F&I, CROSS, 12"	EA	1.000	\$1,000.00	\$1,000.00
1060 11211	UTILITY STRUCTURE, BELOW GROUND, F&I, WATER /SEWER, 0- 80 FT3, 0 - 6'	EA	2.000	\$3,700.00	\$7,400.00
1060 11222	UTILITY STRUCTURE, BELOW GROUND, F&I, WATER /SEWER > 80 FT3, 6.1 - 12'	EA	4.000	\$8,507.46	\$34,029.84
1060 16	UTILITY STRUCTURE, BELOW GROUND, REMOVE & DISPOSE	EA	4.000	\$2,686.63	\$10,746.52
1070 1 10	UTILITY AUXILIARY ITEMS, SIGN UP TO 12 SF	EA	10.000	\$500.00	\$5,000.00
1080 21106	UTILITY FIXTURE, VALVE/METER BOX, F&I, 6"	EA	15.000	\$645.86	\$9,687.90
1080 21108	UTILITY FIXTURE, VALVE/METER BOX, F&I, 8"	EA	6.000	\$1,243.27	\$7,459.62
1080 21112	UTILITY FIXTURE, VALVE/METER BOX, F&I, 12"	EA	7.000	\$1,500.00	\$10,500.00
1080 23102	UTILITY FIXTURES, TAPPING SADDLE / SLEEVE, F&I, 2"	EA	48.000	\$1,238.39	\$59,442.72
1080 24106	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 6"	EA	15.000	\$1,337.02	\$20,055.30
1080 24108	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 8"	EA	6.000	\$1,913.88	\$11,483.28
1080 24112	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 12"	EA	7.000	\$3,401.47	\$23,810.29
1080 26106	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 6"	EA	1.000	\$2,120.50	\$2,120.50
1080 26112	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 12"	EA	1.000	\$4,423.46	\$4,423.46
1080 27106	UTILITY FIXTURE- LINE STOP ASSY, F&I, 6"	EA	1.000	\$6,362.57	\$6,362.57
1080 27108	UTILITY FIXTURE- LINE STOP ASSY, F&I, 8"	EA	1.000	\$6,966.77	\$6,966.77
1080 27112	UTILITY FIXTURE- LINE STOP ASSY, F&I, 12"	EA	1.000	\$9,409.61	\$9,409.61
1080 29106	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, F&I, 6"	EA	190.000	\$315.68	\$59,979.20
1080 29108	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, F&I, 8"	EA	42.000	\$307.39	\$12,910.38
1081 29112	UTILITY FIXTURE, MECHANICAL JOINT RESTRAINT, F&I, 12"	EA	91.000	\$478.03	\$43,500.73
1080 32102	UTILITY FIXTURES, SAMPLE POINT, F&I, 2"	EA	13.000	\$1,203.27	\$15,642.51
1644112 06	FIRE HYDRANT, F&I, STANDARD, 2 HOSE, 6"	EA	13.000	\$6,930.00	\$90,090.00
1644900	FIRE HYDRANT, REMOVE	EA	6.000	\$1,354.08	\$8,124.48
SUB-TOTAL (WATER) =					\$871,991.38
CONTINGENCY (20%) =					\$174,398.28
TOTAL =					\$1,046,389.66

* Item Unit Costs are based on the FDOT Historical Average Unit Cost for Area 12 and Statewide from April 2019 to March 2020.