UTILITY DESIGN BY FDOT CONSULTANT AGREEMENT
(AT UTILITY EXPENSE)

Form No. 710-010-56 UTILITIES 11/14

Financial Project ID: 405606-4-36-01	Federal Project ID: D418 081 B
County: Indian River	State Road No.: N/A
District Document No:	
Utility Agency/Owner (UAO): Indian River County	

THIS AGREEMENT, entered into this \_\_\_\_\_ day of \_\_\_\_\_, year of \_\_\_\_\_, by and between the STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION, hereinafter referred to as the "FDOT," and Indian River County, hereinafter referred to as the "UAO";

### WITNESSETH:

**WHEREAS**, the **FDOT**, is constructing, reconstructing, or otherwise changing a portion of a public road or publicly owned rail corridor, said project being identified as <u>CR-510/85<sup>th</sup> Street from CR-512 to West of 82<sup>nd</sup> Avenue</u>, State Road No.: N/A, hereinafter referred to as the "Project"; and

WHEREAS, the UAO owns or desires to install certain utility facilities which are located within the limits of the Project hereinafter referred to as the "Facilities" (said term shall be deemed to include utility facilities as the same may be relocated, adjusted, installed, or placed out of service pursuant to this Agreement); and

WHEREAS, the Project requires the location (vertically and/or horizontally), protection, relocation, installation, adjustment or removal of the Facilities, or some combination thereof, hereinafter referred to as "Utility Work"; and

WHEREAS, the DEPARTMENT and the UTILITY have determined that it would be to the best interest of the general public and to the economic advantage of both parties to enter into an agreement providing for the design of the Utility Work by the engineer designing the Project for the FDOT, hereinafter referred to as the "FDOT Consultant," which design of the Utility Work shall hereinafter be referred to as the "Utility Design"; and

**WHEREAS,** the **UAO**, pursuant to the terms and conditions hereof, will bear certain costs associated with the Utility Design;

**NOW, THEREFORE**, in consideration of the premises and the mutual covenants contained herein, the **FDOT** and the **UAO** hereby agree as follows:

### 1. Design of Utility Work

- a. **FDOT Consultant** shall prepare, at the **UAO's** sole cost and expense, final engineering design, plans, other necessary related design documents, and cost estimate for the Utility Work (hereinafter referred to as the "Plans Package") more specifically described in the **FDOT's** Supplemental Agreement # 1 to Consultant CA375 Design Services Contract.
- b. The Plans Package shall be in the same format as the **FDOT**'s contract documents for the Project.
- c. The Plans Package shall include any and all activities and work effort required to perform the Utility Work, including but not limited to, all clearing and grubbing, survey work and shall include a traffic control plan.
- d. The Plans Package shall be prepared in compliance with the **FDOT's** Utility Accommodation Manual and the **FDOT's** Plans Preparation Manual in effect at the time the Plans Package is prepared, and the **FDOT's** contract documents for the Project. If the **FDOT's** Plans Preparation Manual is updated and conflicts with the **FDOT's** Utility Accommodation Manual, the Utility Accommodation Manual shall apply where such conflicts exist.
- e. The technical special provisions which are a part of the Plans Package shall be prepared in accordance with the **FDOT's** guidelines on preparation of technical special provisions.

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- f. The FDOT Consultant shall provide a copy of the proposed Plans Package to the UAO, for review at the following stages: Constructability & Biddability. The UAO shall review the Plans Package to see that it complies with the requirements of this Agreement.
- In the event the UAO finds any deficiencies in the Plans Package during the reviews performed g. pursuant to Subparagraph f. above, the **UAO** will notify the **FDOT** in writing of the deficiencies within the time specified in the plans review transmittal.
- The **UAO** shall furnish the **FDOT** such information from the **UAO** files as requested by the **FDOT**. h.
- The Facilities and the Utility Design will include all utility facilities of the UAO which are located within i. the limits of the Project, except as generally summarized as follows: Everything not specifically included in the scope of services. These exceptions shall be handled by separate arrangement.

#### 2. **Cost of Design**

- a. The **UAO** shall be responsible for all costs of the Utility Design.
- b. The **UAO** agrees that it will, at least thirty (30) days prior to the **FDOT** issuing the Supplemental Agreement referred to in Paragraph 1 hereof, furnish the FDOT an advance deposit of \$572,000.00 for the payment of said Utility Design. It is understood that the FDOT's Consultant shall not begin any Utility Design until the FDOT has received the above payment and that if such payment is not received on or before 11-01-20 this Agreement shall be null and void. The FDOT shall utilize this deposit for the payment of Utility Design. Both parties further agree that in the event the final billing pursuant to the terms of Subparagraph 2. d. below is less than the advance deposit, a refund of any excess will be made by the FDOT to the UAO. No work in excess of the advance deposit shall be done. In the event that it is subsequently determined that work in addition to that described in the Supplemental Agreement described in Paragraph 1 hereof is necessary in order to properly complete the Utility Design, the UAO shall make an additional deposit in the amount necessary to issue a subsequent Supplemental Agreement to the FDOT Consultant for the additional work.

C.	The p	ayment of funds under this Agreement will be made (choose one):
		directly to the FDOT for deposit into the State Transportation Trust Fund.
		as provided in the attached Three Party Escrow Agreement between the <b>UAO</b> , the <b>FDOT</b> and the State of Florida, Department of Financial Services, Division of Treasury. Deposits of less than \$100,000.00 must be pre-approved by the Department of Financial Services and the <b>FDOT</b> Comptroller's Office prior to execution of this agreement.

d. Upon final payment to the FDOT Consultant, the FDOT intends to have its final and complete accounting of all costs incurred in connection with the Utility Design within three hundred sixty (360) days. All project cost records and accounts shall be subject to audit by a representative of the UAO for a period of three (3) years after final close out of the project. The **UAO** will be notified of the final cost. Both parties agree that in the event the final accounting of total project costs pursuant to the terms of this agreement is less than the total deposits to date, a refund of the excess will be made by the **FDOT** to the **UAO** in accordance with Section 215.422, Florida Statutes.

#### 3. Default

- In the event the UAO breaches any provision of this Agreement, then in addition to any other a. remedies which are otherwise provided for in this Agreement, the FDOT may exercise one or more of the following options, provided that at no time shall the FDOT be entitled to receive double recovery of damages:
  - (1) Terminate this Agreement if the breach is material and has not been cured within 60 days

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from written notice thereof from the FDOT.

- (2) Pursue a claim for damages suffered by the **FDOT**.
- (3) Suspend the issuance of further permits to the UAO for the placement of Facilities on FDOT property if the breach is material and has not been cured within 60 days from written notice thereof from the FDOT until such time as the breach is cured.
- (4) Pursue any other remedies legally available.
- (5) Perform any work with its own forces or through contractors and seek repayment for the cost thereof under Section 337.403(3), Florida Statutes.
- b. In the event the **FDOT** breaches any provision of this Agreement, then in addition to any other remedies which are otherwise provided for in the Agreement, the **UAO** may exercise one or more of the following options:
  - (1) Terminate this Agreement if the breach is material and has not been cured within 60 days from written notice thereof from the **UAO**.
  - (2) Pursue any other remedies legally available.
- c. Termination of this Agreement shall not relieve either party from any obligations it has pursuant to other agreements between the parties or from any statutory obligations that either party may have with regard to the subject matter hereof.

#### 4. Indemnification

### FOR GOVERNMENT-OWNED UTILITIES,

To the extent provided by law, the **UAO** shall indemnify, defend, and hold harmless the **FDOT** and all of its officers, agents, and employees from any claim, loss, damage, cost, charge, or expense arising out of any acts, action, error, neglect, or omission by the **UAO**, its agents, employees, or contractors during the performance of the Agreement, whether direct or indirect, and whether to any person or property to which **FDOT** or said parties may be subject, except that neither the **UAO**, its agents, employees, or contractors will be liable under this section for damages arising out of the injury or damage to persons or property directly caused by or resulting from the negligence of the **FDOT** or any of its officers, agents, or employees during the performance of this Agreement.

When the **FDOT** receives a notice of claim for damages that may have been caused by the **UAO** in the performance of services required under this Agreement, the **FDOT** will immediately forward the claim to the **UAO**. The **UAO** and the **FDOT** will evaluate the claim and report their findings to each other within fourteen (14) working days and will jointly discuss options in defending the claim. After reviewing the claim, the **FDOT** will determine whether to require the participation of the **UAO** in the defense of the claim or to require the **UAO** to defend the **FDOT** in such claim as described in this section. The **FDOT**'s failure to notify the **UAO** of a claim shall not release the **UAO** from any of the requirements of this section. The **FDOT** and the **UAO** will pay their own costs for the evaluation, settlement negotiations, and trial, if any. However, if only one party participates in the defense of the claim at trial, that party is responsible for all costs.

### FOR NON-GOVERNMENT-OWNED UTILITIES,

The **UAO** shall indemnify, defend, and hold harmless the **FDOT** and all of its officers, agents, and employees from any claim, loss, damage, cost, charge, or expense arising out of any acts, action, error, neglect, or omission by the **UAO**, its agents, employees, or contractors during the performance of the Agreement, whether direct or indirect, and whether to any person or property to which **FDOT** or said parties may be subject, except that neither the **UAO**, its agents, employees, or contractors will be liable under this section for damages arising out of the injury or damage to persons or property directly caused by or resulting from the

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negligence of the **FDOT** or any of its officers, agents, or employees during the performance of this Agreement.

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The UAO's obligation to indemnify, defend, and pay for the defense or at the FDOT's option, to participate and associate with the FDOT in the defense and trial of any damage claim or suit and any related settlement negotiations, shall arise within fourteen (14) days of receipt by the UAO of the FDOT's notice of claim for indemnification to the UAO. The notice of claim for indemnification shall be served by certified mail. The UAO's obligation to defend and indemnify within fourteen (14) days of such notice shall not be excused because of the UAO's inability to evaluate liability or because the UAO evaluates liability and determines the UAO is not liable or determines the FDOT is solely negligent. Only a final adjudication or judgment finding the FDOT solely negligent shall excuse performance of this provision by the UAO. The UAO shall pay all costs and fees related to this obligation and its enforcement by the FDOT. The FDOT's delay in notifying the UAO of a claim shall not release UAO of the above duty to defend.

### 5. Force Majeure

Neither the **UAO** nor the **FDOT** shall be liable to the other for any failure to perform under this Agreement to the extent such performance is prevented by an act of God, war, riots, natural catastrophe, or other event beyond the control of the non-performing party and which could not have been avoided or overcome by the exercise of due diligence; provided that the party claiming the excuse from performance has (a) promptly notified the other party of the occurrence and its estimated duration, (b) promptly remedied or mitigated the effect of the occurrence to the extent possible, and (c) resumed performance as soon as possible.

### 6. Miscellaneous

- Time is of the essence in the performance of all obligations under this Agreement.
- b. The **FDOT** may unilaterally cancel this Agreement for refusal by the **UAO** to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the **UAO** in conjunction with this Agreement.
- c. This Agreement constitutes the complete and final expression of the parties with respect to the subject matter hereof and supersedes all prior agreements, understandings, or negotiations with respect thereto, except that the parties understand and agree that the **FDOT** has manuals and written policies and procedures which may be applicable at the time of the Project and the relocation of the Facilities.
- d. This Agreement shall be governed by the laws of the State of Florida. Any provision hereof found to be unlawful or unenforceable shall be severable and shall not affect the validity of the remaining portions hereof.
- e. All notices required pursuant to the terms hereof may be sent by first class United States Mail, facsimile transmission, hand delivery, or express mail and shall be deemed to have been received by the end of five business days from the proper sending thereof unless proof of prior actual receipt is provided. The UAO shall have a continuing obligation to notify each District of the FDOT of the appropriate persons for notices to be sent pursuant to this Agreement. Unless otherwise notified in writing, notices shall be sent to the following addresses:

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
UTILITY DESIGN BY FDOT CONSULTANT AGREEMENT (AT UTILITY EXPENSE)

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If to the <b>UAO</b> :	
Vincent Burke, P.E., Utilities Director, Indian River County	
1801-27th Street, Vero Beach, FL 32960	
vburke@ircgov.com (772) 226-1835	
If to the <b>FDOT</b> :	
Kadian McLean, District Utilities Administrator	
3400 W. Commercial Blvd., Fort Lauderdale, FL 33309	
kadian.mclean@dot.state.fl.us (954) 777-4128	
7. Certification	
This document is a printout of an <b>FDOT</b> form maintained in an electronic the <b>UAO</b> in the form of additions, deletions, or substitutions are refle "Changes to Form Document" and no change is made in the text of the affected portions of this document may refer to changes reflected in the reference purposes only and do not change the terms of the document. hereby represents that no change has been made to the text of this doc the appendix entitled "Changes to Form Document."	ected only in an Appendix entitled document itself. Hand notations on above-named Appendix but are for By signing this document, the <b>UAO</b>
You MUST signify by selecting or checking which of the following applie	s:
<ul> <li>No changes have been made to this Form Document and no Ap Document" is attached.</li> <li>No changes have been made to this Form Document, but changes are entitled "Changes to Form Document."</li> </ul>	
IN WITNESS WHEREOF, the parties hereto have executed this Agreement effe	ctive the day and year first written.
UTILITY: Indian River County	
BY: (Signature)	DATE:
(Typed Name:)	
(Typed Title:)	
Recommend Approval by the District Utility Office	
BY: (Signature)	DATE:
FDOT Legal review	
BY: (Signature)  District Counsel	DATE:

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
BY: (Signature)	DATE:
(Typed Name: Steve Braun, P.E.)	
(Typed Title: Director of Transportation Development)	
FEDERAL HIGHWAY ADMINISTRATION (if applicable)	
BY:	DATE:
(Typed Name:)	
(Typed Title:)	

## **Changes to Form Document**

### **Attachments**

- 1. Exhibit A Scope of Services
  - CR-510 from CR-512 to 87<sup>th</sup> Place
  - CR-510 from 87<sup>th</sup> Place to West of 82<sup>nd</sup> Avenue
- 2. Three Party Escrow Agreement

Shubbs

Financial Project ID No's.: 405606-7-XXXX
Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC
Installation along CR 510 from CR-512 to 87th PLACE
Indian River County, Florida

### Snubbs Consulting Inc.

9020 SW 137<sup>th</sup> Avenue, Suite 250 Miami, FL 33186 Tel: (305) 885-6400

# Exhibit A – Scope of Services



Financial Project ID No's.: 405606- 7-XXXX
Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC
Installation along CR 510 from CR-512 to 87<sup>th</sup> PLACE
Indian River County, Florida

Snubbs Consulting Inc. 9020 SW 137<sup>th</sup> Avenue, Suite 250

Miami, FL 33186 Tel: (305) 885-6400

### Scope of Work

The scope of the work for this Task Work Order (TWO) includes:

- Installation of approximately 5,275 LF of 16" ductile iron pipe (DIP) water main and fittings along CR 510.
- > Installation of approximately 5,340 LF of 12" C-900 PVC force main and fittings along CR 510.
- ➤ Installation of approximately 5,300 LF of 12" ductile iron pipe (DIP) Reuse water main and fittings along CR 510.
- Installation of new fire hydrants along CR 510.
- > Removal or Grout Fill/Abandon of the existing 16" water main along CR 510.
- > Removal or Grout Fill/Abandon of the existing 12" force main along CR 510.

### Services to be provided (for each of four FPIDs)

The Scope of Work for this TWO includes the following:

- 1. Coordination with:
  - a. Florida Dept. of Transportation (FDOT)
  - b. Indian River County Utilities
  - c. Florida Department of Environmental Protection
  - d. Sebastian River Improvement District
- 2. Development of a preliminary alignment along CR 510 and proposed tie-in locations for existing laterals
- 3. Detailed design (combination plan and profile) of
  - a. 16" water mains and associated connections and appurtenances along CR 510.
  - b. 12" force main and associated connections and appurtenances along CR 510.
  - c. 12" Reuse water mains and associated connections and appurtenances along CR 510.

Shubbs

Financial Project ID No's.: 405606- 7-XXXX

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- 4. Detail design (Plan and Profile) for new fire hydrants.
- 5. Plans development based on FDOT standards for UWHC.
- 6. Preparation and submittal of permit applications to:
  - a. Florida Dept. of Transportation (FDOT)
  - b. Indian River County Utilities
  - c. Department of Environmental Protection
  - d. Sebastian River Improvement District
- 7. Preparation of Engineer's Opinion of Probable Construction Cost
- 8. Preparation of Construction Plans:
  - Cover Sheet with Sheet Index
  - General Notes
  - Legend and Key Plan
  - Tabulation of Quantities
  - Plan and Profile for mainline (as described above)
  - Plan and profile (proposed fire hydrant connections as described above)
  - General Details
  - Typical Details
  - Phasing Plan (utilities)
- 9. Prepare Technical Special Provisions (TSPs) required for:
  - a. Water main, force main, Reuse WM construction
- 10. Prepare Engineers Estimate of Probable Construction Cost in FDOT format



Financial Project ID No's.: 405606- 7-XXXX

Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC
Installation along CR 510 from CR-512 to 87<sup>th</sup> PLACE
Indian River County, Florida

Snubbs Consulting Inc. 9020 SW 137<sup>th</sup> Avenue, Suite 250 Miami, FL 33186

Tel: (305) 885-6400

- 11. Electronic Delivery of the proposed design UWHC per FDOT requirements and Final CAD delivery to Indian River County Utilities.
- 12. Post design services (shop drawing review, requests for information [RFI], etc.)

### **Assumptions/Clarifications:**

Assumptions and exclusions for this Scope of Work include:

- 1. All pipelines developed in this scope are assumed to be installed via open cut.
- 2. Subsurface geotechnical investigations have been completed for the roadway design and provide sufficient data and design recommendations to complete the watermain design. No additional geotechnical engineering, design, or evaluation will be required. Available data and geotechnical reports will be provided to the Engineer.
- 3. Project limits of proposed water utility improvements do not extend beyond the limits of the proposed FDOT roadway construction.
- 4. Project plan sheets will be drawn in scale 1"=40'.
- 5. No structural analysis or design is included.
- 6. Design and/or specification of cathodic protection systems is not required for this project.
- 7. Design of sheet piling is not required for this project.
- 8. No water and sanitary valve box or manhole adjustments anticipated.
- 9. Line and lay drawings and fitting schedules are not required for this project.
- 10. Project excludes design of any sanitary sewer gravity pipelines.
- 11. Engineer shall prepare and make a total of four submittals to Indian River County Utilities for review (abbreviated initial design workshop using KMZs, 60%/Constructability, 90%/Biddability and 100%/Production). Engineer shall be entitled to additional compensation for additional and/or supplemental submittal requests.
- 12. Engineer shall prepare and make a total of three submittals to FDOT (60%/Constructability, 90%/Biddability and 100%/Production).
- 13. It is assumed that new utilities will be installed within the MOT of the proposed roadway improvements and therefore no MOT plans are required.



Financial Project ID No's.: 405606- 7-XXXX
Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC
Installation along CR 510 from CR-512 to 87<sup>th</sup> PLACE
Indian River County, Florida

**Snubbs Consulting Inc.** 9020 SW 137<sup>th</sup> Avenue, Suite 250 Miami, FL 33186 Tel: (305) 885-6400

14. Final FDEP certification and permit closeout not included.

### **Current FDOT Projects Information**

The Conceptual Utilities improvements detailed in this Scope of Work are subject to change. In their final form they will be incorporated under FDOT project FPID No. 405606-7-52-01 along CR 510.

### Financial Project ID 405606-7-52-01

Project Manager: Maria Formoso, PE Contact Number: (954) 777-4677

Email: María.Formoso@dot.state.fl.us

FDOT Scope of Work: CR 510 from CR-512 to 87<sup>TH</sup> PLACE.

### **Production Schedule:**

Constructability Submittal _	2/2021
Biddability Submittal <u>8/2</u>	021
_etting <u>TBD</u>	

### ATTACHMENT A

### FINANCIAL PROJECT No.: 405606-7-XXXX

### STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ESTIMATE OF WORK EFFORT AND FEE



CONSULTANT: SNUBBS CONSULTING INC.

WPI NO.: N/A

DESCRIPTION: New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510.

COUNTY: INDIAN RIVER

From: CR-512 To: 87TH PLACE

		MANHOURS										
	TOTAL	FIXED	HOURLY RATE		TAL WORK	D	С	В	A	O		
ESTIMATED COST	HOURLY	FEE (OM)	(W/OUT		EFFORT	POST DESIGN	UTILITIES	(NOT USED)	W&S MAIN PLANS	R K		
	RATE	(OM)	OM)	•		ELEMENT				<b>K</b> %	CLASSIFICATION	
\$17,838.1	\$207.42				86	9			77	5%	CHIEF ENGINEER	S
\$35,676.2	\$207.42				172	17			155	10%	PROJECT MANAGER	N
\$110,467.0	\$183.50				602	60			542	35%	PROJECT ENGINEER	11
\$86,997.6	\$101.16				860	85			775	50%	ENGINEERING INTERN	В
												В
\$250,978.9	\$145.92		,	NUBBS SUB TOTAL	1720	171			1549		SUB TOTAL	S
\$0.0	\$0.00										N/A	S
\$0.0	\$0.00										N/A	N
\$5,867.2	\$101.16				58		58				UTILITY COORDINATOR	U B
											N/A	В
\$5,867.2	\$101.16			NUBBS SUB TOTAL	58							S
\$0.0												SOFT-DIG
\$14,815.5	\$592.62	(avg.)					25				TEST HOLES (INCL SURVEY)	SURVEY
\$14,815.5				SUB TOTAL SUE								
					1778						TOTALS	

			TOTAL	CONTRACT	Γ FEE COMPUTATIONS-(SNUBBS)	
Estimator	Fernando Gomez		(a)	Total Load	ded Salary	\$256,846.24
Date:	1/7/2020		(b)	0.00%	TOTAL OVERHEAD <sup>(1)</sup>	\$0.00
			(c)	0.00%	OPERATING MARGIN <sup>(2)</sup>	\$0.00
			(d)	0.000%	(2)	\$0.00
			(e)	0.00%	DIRECT EXPENSE <sup>(4)</sup>	\$0.00
			SUB TOTAL CO	NTRACT A	AMOUNT (LUMP SUM)-SNUBBS	\$256,846.24
Notes:			TOTAL	CONTRACT	Γ FEE COMPUTATIONS	
(1)	Total Overhead (General) = Included	l in (a) Total Loaded Salary	(a)	Total Load	ded Salary	\$0.00
(2)	Operating Margin = Included in (a)	Fotal Loaded Salary	(b)	0.00%	TOTAL OVERHEAD <sup>(1)</sup>	\$0.00
(3)	Facilities Capital Cost of Money (FO	CC) = Included in (a) Total Loaded Salary	(c)	0.00%	OPERATING MARGIN <sup>(2)</sup>	\$0.00
(4)	Direct Reimbursables (Out-of-Pocket	t) = Included in (a) Total Loaded Salary	(d)	0.000%	FCCM <sup>(3)</sup>	\$0.00
			(e)	0.00%	DIRECT EXPENSE <sup>(4)</sup>	\$0.00
			TOTAL	CONTRACT	AMOUNT (LUMP SUM)-SNUBBS	\$0.00
			SUB TOTAL	L CONTRA	CT AMOUNT (LUMP SUM)-SUE	\$14,815.50
			GRAND TOTAL	CONTRAC	CT AMOUNT (LUMP SUM)	\$271,661.74 <b>\$272,000.00</b>

# New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510. FINANCIAL PROJECT No.: 405606-7-XXXX <u>UWHC Plans</u>

## ACTIVITY: A. (WATER MAINS AND FORCEMAIN PLANS)

## SUBACTIVITY: 1 (Design Analysis)

	TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1	Pipe Line Alignment & Design	LS	1	64		64		Alignment for 16-inch WM, 12-inch FM & 12-inch Reuse WM including interconnections, valves, fittings, etc. along CR-510
2	Structural Analysis	LS	0	0		0		N/A (no water crossings)
3	Water Way Crossing	LS	0	0		0		N/A
4	Field Reviews	EA	2	16		32		Estimate is for 2 field visits x 2 persons @ 8 hours each and includes preparation, travel, and documentation time. First review will be conducted after 60% plans to verify proposed location. Second at Final JPA plans to ensure constructability and connection points.
5	Field Survey & Service Location	LS	1	0		0		
6	Transfer Existing Utilities to Plan/Profile	EA	5	7.5		37.5		Assume there are 5 utilities within the project limits
7	Contract File (Set-up and maintenance)	LS	1	22		22		Setup project, maintenance of files, schedule updates, sub-consultant management, progress reports etc.
8	Quantities & Tabulation	LS	1	20		20		As required by FDOT.
9	C.E.S. Summary of Pay Items	LS	1	44		44		Trans*port development and update of quantities for water main and coordination with FDOT-D4 Design Section.
10	Engineer's Opinion of Probable Cost of Construction	LS	1	33		33		Includes preparation of engineers estimate of probable construction cost in FDOT formats and revisions as necessary
11	Construction Phasing Analysis	LS	1	18		18		Construction phasing of the water & force mains and associated laterals.
12	Signing & Marking Analysis	LS	0	0		0		N/A
14	Geotech Investigation (Including Contamination)	LS	1	4		4		Review Geotech information provided by FDOT for installing water main, check for contamination and determine if special fittings or wrap are required for water main
			SUBA	ACTIVITY S	UBTOTAL	274.5		
15	Quality Assurance/Quality Control	%	3%			8		
16	Attend compulsory FDOT Field Review Meeting(s)	EA	1	16		16		Assume 2 persons x 8 hours x 1 trip (includes prep & travel). This trip is for mandatory field phase review meetings as per FDOT prior to project completion. One meeting at PS&E.
			299					

2 of 6 Snubbs Project No.: 1703\_IRC

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# New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510. FINANCIAL PROJECT No.: 405606-7-XXXX <u>UWHC Plans</u>

## **ACTIVITY: A. (WATER MAINS AND FORCEMAIN PLANS)**

**SUBACTIVITY: 2 (Final Plans)** 

	TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1	Key Sheet/Key Plan	Sheet	1	12		12		Develop standard FDOT cover sheet for UWHC projects (3 lines)
2	General Notes	Sheet	1	6		6		Development of project specific general notes, Department of Health and FDOT D4
3	Legend and Key Plan	Sheet	1	16		16		Key map of all plan sheets and legends all symbols used (3 lines)
4	Tabulation of Quantities and Pay Item Notes	Sheet	3	6		18		Tabulation of quantities using FDOT basis of estimate
5	Summary of Valve and Manhole adjustment	Sheet	0	0		0		N/A
6	Summary of water meter service and service lines	Sheet	2	6		12		Establish station and off set for all new meters, meters to be removed and length of service lines
7	Combination 16" WM, 12" FM, 12" Reuse WM Plan/Profile Sheets	Sheet	10	71		710		This includes all work to create elements showing the mainline alignment for both horizontal and vertical geometries in plan and profile portion of 40' scale plan sheets for proposed 16" WM, 12" FM, 12" Reuse WM and existing utilities per FDOT standards.
8	NOT USED	Sheet	0	0		0		NOT USED
9	Laterals Connections Plan/Profile Sheets	Sheet	3	32		96		This includes all work to create elements showing the side street alignment for both horizontal and vertical geometries in plan and profile portion of plan sheets for proposed water mains (2) and existing utilities per FDOT standards
10	Fire Hydrant Connection Plan/Profile Sheets	Sheet	2	36		72		
11	Structural Details	Sheet	0	0		0		N/A (no water crossings)
12	General Details	Sheet	2	14		28		
13	Typical Details	Sheet	2	14		28		
14	Pavement and Base Restoration/General Notes and Details	Sheet	0	0		0		Not required due to new roadway proposed
15	Core Boring Reports	Sheet	0	0		0		
16	Phasing Notes	Sheet	1	22		22		Pipe laying sequence for construction of the 16-inch WM and 12-inch FM & interconnection to existing mains and associated laterals. Also, for the new 12" Reuse WM.
17	Phasing Typical Sections	Sheet	1	12		12		Includes Typical section with phasing notes pertaining to the proposed utilities for each phase

3 of 6 Snubbs Project No.: 1703\_IRC

14

18	Traffic Control Plan	Sheet	0	0		0	No detailed Maintenance of Traffic (MOT) anticipated as this will be part of the roadway plans.
19	Electronic Delivery	LS	1	6		6	Electronic delivery per FDOT procedures. (3 lines)
20	Special Provisions / Specifications	LS	1	26		26	Technical Special Provisions for WM, FM and Reuse WM.
21	Phase Review Meetings	EA	2	12		24	Attend Phase Review Meetings with City and FDOT During 60% & 90% Submittal. Total of 2 meetings for 2 people (includes travel time).
22	FDOT Submittals	EA	3	12		36	Additional effort for 60%, 90%, 100% Production per FDOT Project Schedule milestones
			SUBA	ACTIVITY S	SUBTOTAL	1124	
23	Quality Assurance/Quality Control	%	3%			34	
			1,158				

# New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510. FINANCIAL PROJECT No.: 405606-7-XXXX <u>Water Main Plans</u>

## **ACTIVITY: A. (WATER MAINS AND FORCEMAIN PLANS)**

**SUBACTIVITY: 3 (Permits)** 

	TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1	Prepare Permit Applications	LS	1	42		42		Complete and submit permit applications to FDEP, FDOT and Fire Department.
2	Coordination and RFI with Permitting Agencies	LS	1	32		32		Response to RFI from permitting agencies, plan revisions and updates etc.
3	Permit Meetings	EA	3	6		18		Assume 3 meetings at 6 hours including prep time, travel time and follow up
4	Permit Fees	LS						To be paid for by SNUBBS and reimbursed by FDOT.
			TY TOTAL	92				

# New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510. FINANCIAL PROJECT No.: 405606-7-XXXX <u>Water Main Plans</u>

ACTIVITY: 4 (Utility Coordination)

	TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1	Initial Contact with Utility Agency Owner (UAO)	LS	1	8		8		Perform Initial contact to obtain all existing as-built information from the existing UA/O on the project
2	Coordination with UAO	LS	5	2		10		Follow up with UA/O for additional information, mark ups and transmittal of plans to ensure no conflict with their existing utilities.  Assume 5 UAOs @ 2 hours per UAO
3	Assisting with execution of constrution agreements	LS	1	24		24		
4	Attend Utility Meetings	EA	2	8		16		Prepare agenda, attend utility meeting, prepare minutes and follow up (includes travel)
			SUB/	ACTIVITY S	UBTOTAL	58		
			58					



Financial Project ID No's.: 405606-8-XXXX
Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC
Installation along CR 510 from 87<sup>th</sup> PLACE to West of 82<sup>nd</sup> AVE
Indian River County, Florida

Snubbs Consulting Inc.

9020 SW 137<sup>th</sup> Avenue, Suite 250 Miami, FL 33186 Tel: (305) 885-6400

# Exhibit A – Scope of Services



Financial Project ID No's.: 405606- 8-XXXX

Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC
Installation along CR 510 from 87<sup>th</sup> PLACE to West of 82<sup>nd</sup> AVE
Indian River County, Florida

Snubbs Consulting Inc.

9020 SW 137<sup>th</sup> Avenue, Suite 250 Miami, FL 33186 Tel: (305) 885-6400

### Scope of Work

The scope of the work for this Task Work Order (TWO) includes:

- ➤ Installation of approximately 6,130 LF of 16" ductile iron pipe (DIP) water main and fittings along CR 510.
- ➤ Installation of approximately 5,840 LF of 12"C-900 PVC force main and fittings along CR 510.
- ➤ Installation of approximately 5,840 LF of 12" ductile iron pipe (DIP) Reuse water main and fittings along CR 510.
- Installation of new fire hydrants along CR 510.
- > Removal or Grout Fill/Abandon of the existing 16" water main along CR 510.
- > Removal or Grout Fill/Abandon of the existing 12" force main along CR 510.

### Services to be provided (for each of four FPIDs)

The Scope of Work for this TWO includes the following:

- 1. Coordination with:
  - a. Florida Dept. of Transportation (FDOT)
  - b. Indian River County Utilities
  - c. Florida Department of Environmental Protection
  - d. Sebastian River Improvement District
- 2. Development of a preliminary alignment along CR 510 and proposed tie-in locations for existing laterals
- 3. Detailed design (combination plan and profile) of:
  - a. 16" water mains and associated connections and appurtenances along CR 510.
  - b. 12" force main and associated connections and appurtenances along CR 510.
  - c. 12" Reuse water mains and associated connections and appurtenances along CR 510.

Shubbs

Financial Project ID No's.: 405606- 8-XXXX Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC Installation along CR 510 from 87<sup>th</sup> PLACE to West of 82<sup>nd</sup> AVE Indian River County, Florida

Snubbs Consulting Inc.

9020 SW 137<sup>th</sup> Avenue, Suite 250 Miami, FL 33186 Tel: (305) 885-6400

- 4. Detail design (Plan and Profile) for new fire hydrants.
- 5. Plans development based on FDOT standards for UWHC.
- 6. Preparation and submittal of permit applications to:
  - a. Florida Dept. of Transportation (FDOT)
  - b. Indian River County Utilities
  - c. Department of Environmental Protection
  - d. Sebastian River Improvement District
- 7. Preparation of Engineer's Opinion of Probable Construction Cost
- 8. Preparation of Construction Plans:
  - Cover Sheet with Sheet Index
  - General Notes
  - Legend and Key Plan
  - Tabulation of Quantities
  - Plan and Profile for mainline (as described above)
  - Plan and profile (proposed fire hydrant connections as described above)
  - General Details
  - Typical Details
  - Phasing Plan (utilities)
- 9. Prepare Technical Special Provisions (TSPs) required for:
  - a. Water main, force main construction
- 10. Prepare Engineers Estimate of Probable Construction Cost in FDOT format



Financial Project ID No's.: 405606- 8-XXXX

Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC
Installation along CR 510 from 87<sup>th</sup> PLACE to West of 82<sup>nd</sup> AVE
Indian River County, Florida

Snubbs Consulting Inc. 9020 SW 137<sup>th</sup> Avenue, Suite 250

Miami, FL 33186 Tel: (305) 885-6400

- 11. Electronic Delivery of the proposed design UWHC per FDOT requirements and Final CAD delivery to Indian River County Utilities.
- 12. Post design services (shop drawing review, requests for information [RFI], etc.)

### **Assumptions/Clarifications:**

Assumptions and exclusions for this Scope of Work include:

- 1. All pipelines developed in this scope are assumed to be installed via open cut. Trenchless construction methods may be used as alternatives under water crossings if deemed feasible.
- 2. Subsurface geotechnical investigations have been completed for the roadway design and provide sufficient data and design recommendations to complete the watermain design. No additional geotechnical engineering, design, or evaluation will be required. Available data and geotechnical reports will be provided to the Engineer.
- 3. Project limits of proposed water utility improvements do not extend beyond the limits of the proposed FDOT roadway construction.
- 4. Project plan sheets will be drawn in scale 1"=40'.
- 5. Structural analysis or design may be required for water crossings.
- 6. Design and/or specification of cathodic protection systems is not required for this project.
- 7. Design of sheet piling is not required for this project.
- 8. No water and sanitary valve box or manhole adjustments anticipated.
- 9. Line and lay drawings and fitting schedules are not required for this project.
- 10. Project excludes design of any sanitary sewer gravity pipelines.
- 11. Engineer shall prepare and make a total of four submittals to Indian River County Utilities for review (abbreviated initial design workshop using KMZs, 60%/Constructability, 90%/Biddability and 100%/Production). Engineer shall be entitled to additional compensation for additional and/or supplemental submittal requests.
- 12. Engineer shall prepare and make a total of three submittals to FDOT (60%/Constructability, 90%/Biddability and 100%/Production).
- 13. It is assumed that new utilities will be installed within the MOT of the proposed roadway improvements and therefore no MOT plans are required.



Financial Project ID No's.: 405606- 8-XXXX Proposed 16" Water Main, 12" Force Main, 12" Reuse WM UWHC Installation along CR 510 from 87th PLACE to West of 82nd AVE Indian River County, Florida

**Snubbs Consulting Inc.** 9020 SW 137th Avenue, Suite 250

> Miami, FL 33186 Tel: (305) 885-6400

14. Final FDEP certification and permit closeout not included.

### **Current FDOT Projects Information**

The Conceptual Utilities improvements detailed in this Scope of Work are subject to change. In their final form they will be incorporated under FDOT project FPID No. 405606-8-52-01 along CR 510.

### Financial Project ID 405606-8-52-01

Project Manager: Maria Formoso, PE

Contact Number: (954) 777-4677

Email: María.Formoso@dot.state.fl.us

FDOT Scope of Work: CR 510 from 87<sup>TH</sup> PLACE to W of 82<sup>nd</sup> AVE.

### **Production Schedule:**

Constructability Submittal \_\_\_\_ 2/2021 Biddability Submittal 8/2021 Letting \_\_TBD\_\_

### ATTACHMENT B

### FINANCIAL PROJECT No.: 405606-8-XXXX

### STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ESTIMATE OF WORK EFFORT AND FEE

MANHOURS

TOTAL WORK

**EFFORT** 

D

POST DESIGN



ESTIMATED COST

CONSULTANT: SNUBBS CONSULTING INC.

W&S MAIN

(NOT USED)

UTILITIES

WPI NO.: N/A

W

O

R

DESCRIPTION: New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510.

**HOURLY** 

**RATE** 

(W/OUT

**GRAND TOTAL CONTRACT AMOUNT (LUMP SUM)** 

**FIXED** 

**FEE** 

**TOTAL** 

**HOURLY** 

COUNTY: INDIAN RIVER

From: 87TH PLACE To: WEST OF 82ND AVE

		K	PLANS	(NOT USED)	UTILITIES	POST DESIGN	EFFORT			(W/OUT	(OM)	RATE	ESTIMATED COST
	CLASSIFICATION	%				ELEMENT	TS .			OM)	(ONI)	KATE	
S	CHIEF ENGINEER	5%	86			9	95					\$207.42	\$19,704.
N N	PROJECT MANAGER	10%	173			19	192					\$207.42	\$39,824.
U	PROJECT ENGINEER	35%	604			66	670					\$183.50	\$122,945.
$\begin{bmatrix} 0 \\ B \end{bmatrix}$	ENGINEERING INTERN	50%	863			95	958					\$101.16	\$96,911
B													
S	GLID TOTAL		1705			100	1014	CNILIDDG				Φ1.45.07	ф <b>27</b> 0.20 <i>5</i>
	SUB TOTAL		1725			189	1914	SNUBBS	SUB TOTAL			\$145.97	\$279,385
S	N/A										<u> </u>	\$0.00	\$0
N	N/A											\$0.00	\$0
U	UTILITY COORDINATOR				46		46		1			\$101.16	\$4,653
B B	N/A												
S							46	SNUBBS S	SUB TOTAL			\$101.16	\$4,653
SOFT-DIG	3												\$0
SURVEY	TEST HOLES (INCL SURVEY)				27				1		(avg.)	\$592.62	\$16,000
								SUB 7	TOTAL SUE				\$16,000
	TOTALS						1960						
								TOTAL C	ONTRACT I	FEE COM	PUTATIO	ONS-(SNUBB	SS)
Estimator	Fernando Gomez							(a)	Total Loade	d Salary			\$284,039
Date:	1/7/2020							(b)	0.00%	TOTAL OV	VERHEAD	(1)	\$0
								(c)	0.00%	OPERATIN	NG MARG	$IN^{(2)}$	\$0
								(d)	0.000%	FCCM <sup>(3)</sup>			\$0
								(e)	0.00%	DIRECT EX	XPENSE <sup>(4)</sup>		\$0.
							SUB T	OTAL CO	NTRACT AM	IOUNT (L	UMP SU	M)-SNUBBS	\$284,039
Notes:								TOTAL C	ONTRACT I	FEE COM	PUTATIO	ONS	
(1)	Total Overhead (General) = Included	n (a) Total L	oaded Salary					(a)	Total Loade	d Salary			\$0
(2)	Operating Margin = Included in (a) To	otal Loaded S	alary					(b)	0.00%	TOTAL OV	VERHEAD	(4)	\$0
(3)	Facilities Capital Cost of Money (FCC	C) = Included	in (a) Total Lo	oaded Salary				(c)	0.00%	OPERATIN	NG MARG	$IN^{(2)}$	\$0
(4)	Direct Reimbursables (Out-of-Pocket)			•				(d)	0.000%	FCCM <sup>(3)</sup>			\$0
` /	<b>,</b>		.,	•				(e)		DIRECT EX	XPENSE <sup>(4)</sup>		<b>\$0</b>
									CONTRACT A			1)-SNUBBS	\$0
							SI	IR TOTAL	CONTRACT	Γ ΑΜΟΙΙΝ	Т (ППМІ	P SUM)-SUE	\$16,000
							50			111110011	(2011)		Ψ10,000

Snubbs Project No.: 1703\_IRC

\$300,039.92

\$300,000.00

# New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510. FINANCIAL PROJECT No.: 405606-8-XXXX <u>UWHC Plans</u>

## ACTIVITY: A. (WATER MAINS AND FORCEMAIN PLANS)

SUBACTIVITY: 1 (Design Analysis)

	TASK	BASIS OF	NO. OF	HOURS/	NO. OF	TOTAL	CADD	REMARKS
		ESTIMATE	UNITS	UNIT	SHEETS	HOURS	HOURS	
1	Pipe Line Alignment & Design	LS	1	64		64		Alignment for 16-inch WM, 12-inch FM & 12-inch Reuse WM including interconnections, valves, fittings, etc. along CR-510
2	Structural Analysis	LS	1	140		140		1 water crossing (Lateral Canal D)
3	Water Way Crossing	LS	1	32		32		1 water crossing (Lateral Canal D)
4	Field Reviews	EA	2	16		32		Estimate is for 2 field visits x 2 persons @ 8 hours each and includes preparation, travel, and documentation time. First review will be conducted after 60% plans to verify proposed location. Second at Final UWHC plans to ensure constructability and connection points.
5	Field Survey & Service Location	LS	1	0		0		
6	Transfer Existing Utilities to Plan/Profile	EA	4	7.5		30		Assume there are 4 utilities within the project limits
7	Contract File (Set-up and maintenance)	LS	1	22		22		Setup project, maintenance of files, schedule updates, sub-consultant management, progress reports etc.
8	Quantities & Tabulation	LS	1	20		20		As required by FDOT.
9	C.E.S. Summary of Pay Items	LS	1	44		44		Trans*port development and update of quantities for water main and coordination with FDOT-D4 Design Section.
10	Engineer's Opinion of Probable Cost of Construction	LS	1	33		33		Includes preparation of engineers estimate of probable construction cost in FDOT formats and revisions as necessary
11	Construction Phasing Analysis	LS	1	18		18		Construction phasing of the WM, FM & Reuse WM and associated laterals.
12	Signing & Marking Analysis	LS	0	0		0		N/A
14	Geotech Investigation (Including Contamination)	LS	1	4		4		Review Geotech information provided by FDOT for installing water main, check for contamination and determine if special fittings or wrap are required for water mains
			SUBA	ACTIVITY S	SUBTOTAL	439		
15	Quality Assurance/Quality Control	%	3%			13		
16	Attend compulsory FDOT Field Review Meeting(s)	EA	1	16		16		Assume 2 persons x 8 hours x 1 trip (includes prep & travel). This trip is for mandatory field phase review meetings as per FDOT prior to project completion. One meeting at PS&E.
				SI IRACTIVI	TY TOTAL	169		
				ODACIIVI	IIIOIAL	468		

# New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510. FINANCIAL PROJECT No.: 405606-8-XXXX <u>UWHC Plans</u>

## **ACTIVITY: A. (WATER MAINS AND FORCEMAIN PLANS)**

**SUBACTIVITY: 2 (Final Plans)** 

	TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1	Key Sheet/Key Plan	Sheet	1	12		12		Develop standard FDOT cover sheet for JPA projects (3 lines)
2	General Notes	Sheet	1	6		6		Development of project specific general notes, Department of Health and FDOT D4
3	Legend and Key Plan	Sheet	1	16		16		Key map of all plan sheets and legends all symbols used (3 lines)
4	Tabulation of Quantities and Pay Item Notes	Sheet	3	6		18		Tabulation of quantities using FDOT basis of estimate
5	Summary of Valve and Manhole adjustment	Sheet	0	0		0		N/A
6	Summary of water meter service and service lines	Sheet	2	6		12		Establish station and off set for all new meters, meters to be removed and length of service lines
7	Combination 16" WM, 12" FM, 12" Reuse WM Plan/Profile Sheets	Sheet	10	71		710		This includes all work to create elements showing the mainline alignment for both horizontal and vertical geometries in plan and profile portion of 40' scale plan sheets for proposed 16" WM, 12" FM, 12" Reuse WM and existing utilities per FDOT standards.
8	NOT USED	Sheet	0	0		0		NOT USED
9	Laterals Connections Plan/Profile Sheets	Sheet	3	29		87		This includes all work to create elements showing the side street alignment for both horizontal and vertical geometries in plan and profile portion of plan sheets for proposed water mains (2) and existing utilities per FDOT standards
10	Fire Hydrant Connection Plan/Profile Sheets	Sheet	2	36		72		
11	Structural Details	Sheet	1	16		16		1 water crossing (Lateral Canal D)
12	General Details	Sheet	2	14		28		
13	Typical Details	Sheet	2	14		28		
14	Pavement and Base Restoration/General Notes and Details	Sheet	0	0		0		Not required due to new roadway proposed
15	Core Boring Reports	Sheet	0	0		0		
16	Phasing Notes	Sheet	1	22		22		Pipe laying sequence for construction of the 16-inch WM and 12-inch FM & interconnection to existing mains and associated laterals. Also, for the new 12" Reuse WM.
17	Phasing Typical Sections	Sheet	1	12		12		Includes Typical section with phasing notes pertaining to the proposed utilities for each phase

18	Traffic Control Plan	Sheet	0	0		0	No detailed Maintenance of Traffic (MOT) anticipated as this will be part of the roadway plans.
19	Electronic Delivery	LS	1	6		6	Electronic delivery per FDOT procedures. (3 lines)
20	Special Provisions / Specifications	LS	1	26		26	Technical Special Provisions for WM, FM and Reuse WM.
21	Phase Review Meetings	EA	2	12		24	Attend Phase Review Meetings with City and FDOT During 60% & 90% Submittal. Total of 2 meetings for 2 people (includes travel time).
22	FDOT Submittals	EA	3	12		36	Additional effort for 60%, 90%, 100% Production per FDOT Project Schedule milestones
			SUBA	ACTIVITY S	SUBTOTAL	1131	
23	Quality Assurance/Quality Control	%	3%			34	
	12/12/2019						
			1,165				

# New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510. FINANCIAL PROJECT No.: 405606-8-XXXX <u>Water Main Plans</u>

## **ACTIVITY: A. (WATER MAINS AND FORCEMAIN PLANS)**

**SUBACTIVITY: 3 (Permits)** 

	TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1	Prepare Permit Applications	LS	1	42		42		Complete and submit permit applications to FDEP, FDOT and Fire Department.
2	Coordination and RFI with Permitting Agencies	LS	1	32		32		Response to RFI from permitting agencies, plan revisions and updates etc.
3	Permit Meetings	EA	3	6		18		Assume 3 meetings at 6 hours including prep time, travel time and follow up
4	Permit Fees	LS						To be paid for by SNUBBS and reimbursed by FDOT.
			92					

# New 16" Water Main, 12" Force Main & 12" Reuse Water Main on CR-510. FINANCIAL PROJECT No.: 405606-8-XXXX <u>Water Main Plans</u>

ACTIVITY: 4 (Utility Coordination)

ir —				1	T		I	1
	TASK	BASIS OF	NO. OF	HOURS/	NO. OF	TOTAL	CADD	REMARKS
	IASK	ESTIMATE	NO. OF UNITS	UNIT	SHEETS	HOURS	HOURS	REMARKS
			UNITS		SHEETS		HOURS	Perform Initial contact to obtain all existing as-built information from the
1	Initial Contact with Utility Agency Owner (UAO)	LS	1	8		8		existing UA/O on the project
								Follow up with UA/O for additional information, mark ups and
2	Coordination with UAO	LS	5	2		10		transmittal of plans to ensure no conflict with their existing utilities.
								Assume 5 UAOs @ 2 hours per UAO
3	Assisting with execution of constrution agreements	LS	1	12		12		Assumes this was previously done for another FPID, thus only requires revisions thereto
4	Attend Utility Meetings	EA	2	8		16		Prepare agenda, attend utility meeting, prepare minutes and follow up (includes travel)
			SUBA	ACTIVITY S	UBTOTAL	46		
			46					

### THREE PARTY ESCROW AGREEMENT

THIS AGREEMENT is made and entered into by and between the State of Florida, Department of Transportation ("FDOT"), Indian River County ("Participant"), and the State of Florida, Department of Financial Services, Division of Treasury ("Escrow Agent"), and shall become effective upon the Agreement's execution by Escrow Agent.

WHEREAS, FDOT and Participant are engaged in the following project ("Project"):

Project Name: CR-510/85<sup>th</sup> Street from CR-512 to West of 82<sup>nd</sup> Avenue

Project #: 405606-4-36-01 County: Indian River County

WHEREAS, FDOT and Participant desire to establish an escrow account for the project.

NOW THEREFORE, in consideration of the premises and the covenants contained herein, the parties agree to the following:

- An initial deposit will be made into an interest bearing escrow account established hereunder for the purposes of the Project. The escrow account will be opened with the Escrow Agent on behalf of FDOT upon Escrow Agent's receipt and execution of this Agreement.
- 2. Other deposits to the escrow account may be made during the life of this agreement.
- 3. Deposits will be delivered in accordance with instructions provided by the Escrow Agent to the FDOT for deposit into the escrow account. A wire transfer or ACH deposit is the preferred method of payment and should be used whenever possible.
- 4. FDOT's Comptroller or designee shall be the sole signatory on the escrow account with the Escrow Agent and shall have sole authority to authorize withdrawals from the account. Withdrawals will only be made to FDOT or the Participant in accordance with the instructions provided to the Escrow Agent by FDOT's Comptroller or designee.
- Moneys in the escrow account will be invested in accordance with section 17.61, Florida Statutes. The Escrow Agent will invest the moneys expeditiously. Income is only earned on the moneys while invested. There is no guaranteed rate of return. Investments in the escrow account will be assessed a fee in accordance with Section 17.61(4)(b), Florida Statutes. All income of the investments shall accrue to the escrow account.
- 6. Unless instructed otherwise by FDOT, all interest accumulated in the escrow account shall remain in the account for the purposes of the Project.

- 7. The Escrow Agent agrees to provide written confirmation of receipt of funds to FDOT. FDOT agrees to provide a copy of such written confirmation to Participant upon request.
- 8. The Escrow Agent further agrees to provide quarterly reports to FDOT concerning the escrow account. FDOT agrees to provide a copy of such quarterly reports to Participant upon request.
- 9. The Escrow Agent shall not be liable for any error of judgment or for any act done or omitted by it in good faith, or for anything which it may in good faith do or refrain from doing in connection herewith.
- 10. Escrow Agent shall have no liability for any claim, cost, expense, damage or loss due to the acts or omissions of FDOT and Participant, nor from any separate agreements between FDOT and Participant and shall have no responsibility to monitor or enforce any responsibilities herein or in any separate agreements associated with this Agreement between FDOT and Participant.
- 11. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Florida.
- 12. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.
- 13. This Agreement shall terminate upon disbursement by the Escrow Agent of all money held by it in the escrow account in accordance with the instructions given by FDOT's Comptroller or designee and notification from FDOT to Escrow Agent that the account is to be closed.

The remainder of this page is blank.

For FDOT-OOC (signature)	For PARTICIPANT (signature)
Name and Title	Name and Title
59-3024028	<del></del>
Federal Employer I.D. Number	Federal Employer I.D. Number
Data	Data
Date	Date
FDOT Legal Review:	
	-
For Escrow Agent (signature)	-
	_
Name and Title	
	<u>-</u>
Date	

IN WITNESS WHEREOF, the parties have duly executed the Agreement on the date(s)

below.