

## LEGISLATIVE FACT SHEET

DATE: 02/04/21

BT or RC No: BT 21-050  
(Administration & City Council Bills)

SPONSOR: Public Works/Engineering & Construction Management  
(Department/Division/Agency/Council Member)

Contact for all inquiries and presentation: Robin Smith

Provide Name: Robin Smith

Contact Number: 255-8710

Email Address: RobinSmith@coj.net

PURPOSE: White Paper (Explain Why this legislation is necessary? Provide; Who, What, When, Where, How and the Impact.) Council Research will complete this form for Council introduced legislation and the Administration is responsible for all other legislation. (Minimum of 350 words - Maximum of 1 page.)

This transfer request by the Engineering and Construction Management Division of the Public Works Department is for the final design engineering plans and specifications for the replacement of Bridge Number 724039 on 5th Street over Six Mile Creek. The amount of \$110,196.28 includes the final design phase and technical/constructability reviews. Additionally, this legislative request will change the Council District listed on the CIP to the correct District, 10. Deferral of this amendment to the CIP would be detrimental to the best interest of the community because such deferral would result in the unnecessary delay of repairing critical transportation infrastructure.

APPROPRIATION: Total Amount Appropriated \$110,196.28 as follows:

Name of Federal Funding Source(s)	From: _____	Amount: _____
	To: _____	Amount: _____

Name of State Funding Source(s):	From: _____	Amount: _____
	To: _____	Amount: _____

Name of City of Jacksonville Fundir	From: COJ	Amount: \$110,196.28
	To: COJ	Amount: \$110,196.28

Name of In-Kind Contribution(s):	From: _____	Amount: _____
	To: _____	Amount: _____

Name & Number of Bond Account(s):	From: _____	Amount: _____
	To: _____	Amount: _____

PLAIN LANGUAGE OF APPROPRIATION / FINANCIAL IMPACT / OTHER:

Explain: Where are the funds coming from, going to, how will the funds be used? Does the funding require a match? Is the funding for a specific time frame? Will there be an ongoing maintenance? ... and staffing obligation? Per Chapters 122 & 106 regarding funding of anticipated post-construction operation costs.

(Minimum of 350 words - Maximum of 1 page.)

This is a reappropriation of existing dollars. This will not result in the City incurring any additional debt to complete this project.

**ACTION ITEMS: Purpose / Check List. If "Yes" please provide detail by attaching justification, and code provisions for each.**

<b>ACTION ITEMS:</b>	<b>Yes</b>	<b>No</b>	
Emergency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Justification of Emergency:</b> If yes, explanation must include detailed nature of emergency. <div style="border: 1px solid black; height: 30px; margin-top: 5px;"></div>
Federal or State Mandate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Explanation:</b> If yes, explanation must include detailed nature of mandate including Statute or Provision. <div style="border: 1px solid black; height: 30px; margin-top: 5px;"></div>
Fiscal Year Carryover?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Note:</b> If yes, note must include explanation of all-year carryover language. <div style="border: 1px solid black; height: 30px; margin-top: 5px;"></div>
CIP Amendment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Attachment:</b> If yes, attach appropriate CIP form(s). Include justification for mid-year amendment.
Contract / Agreement Approval?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Attachment &amp; Explanation:</b> If yes, attach the Contract / Agreement and name of Department (and contact name) that will provide oversight. Indicate if negotiations are on-going and with whom. Has OGC reviewed / drafted? <div style="border: 1px solid black; height: 30px; margin-top: 5px;"></div>
Related RC/BT?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Attachment:</b> If yes, attach appropriate RC/BT form(s).
Waiver of Code?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Code Reference:</b> If yes, identify code section(s) in box below and provide detailed explanation (including impacts) within white paper. <div style="border: 1px solid black; height: 30px; margin-top: 5px;"></div>
Code Exception?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Code Reference:</b> If yes, identify code in box below and provide detailed explanation (including impacts) within white paper. <div style="border: 1px solid black; height: 30px; margin-top: 5px;"></div>
Related Enacted Ordinances?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Code Reference:</b> If yes, identify related code section(s) and ordinance reference number in the box below and provide detailed explanation and any changes necessary within white paper. <div style="border: 1px solid black; height: 30px; margin-top: 5px;"></div>

**ACTION ITEMS CONTINUED: Purpose / Check List. If "Yes" please provide detail by attaching justification, and code provisions for each.**

ACTION ITEMS:	Yes	No	
Continuation of Grant?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Explanation: How will the funds be used? Does the funding require a match? Is the funding for a specific time frame and/or multi-year? If multi-year, note year of grant? Are there long-term implications for the General Fund?
Surplus Property Certification?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Attachment: If yes, attach appropriate form(s).
Reporting Requirements?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Explanation: List agencies (including City Council / Auditor) to receive reports and frequency of reports, including when reports are due. Provide Department (include contact name and telephone number) responsible for generating

Division Chief: \_\_\_\_\_ (signature) Date: 2/8/21

Prepared By: \_\_\_\_\_ (signature) Date: 2/4/21

**ADMINISTRATIVE TRANSMITTAL**

To: MBRC, c/o Roselyn Chall, Budget Office, St. James Suite 325

Thru: Jordan Elsbury, Director of Intergovernmental Affairs, Office of the Mayor  
 (Name, Job Title, Department)  
 Phone: 255-5013 E-mail: jelsbury@coj.net

From: Jordan Elsbury, Director of Intergovernmental Affairs, Office of the Mayor  
 Initiating Department Representative (Name, Job Title, Department)  
 Phone: 255-5013 E-mail: jelsbury@coj.net

Primary Contact: Jordan Elsbury, Director of Intergovernmental Affairs, Office of the Mayor  
 (Name, Job Title, Department)  
 Phone: 255-5013 E-mail: jelsbury@coj.net

CC: Jordan Elsbury, Intergovernmental Affairs Liaison, Office of the Mayor  
 Phone: 255-5013 E-mail: jelsbury@coj.net

**COUNCIL MEMBER / INDEPENDENT AGENCY / CONSTITUTIONAL OFFICER TRANSMITTAL**

To: Peggy Sidman, Office of General Counsel, St. James Suite 480  
Phone: 255-5055 E-mail: psidman@coj.net

From: \_\_\_\_\_  
Initiating Council Member / Independent Agency / Constitutional Officer  
Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Primary Contact: \_\_\_\_\_  
(Name, Job Title, Department)  
Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

CC: Jordan Elsbury, Intergovernmental Affairs Liaison, Office of the Mayor  
Phone: 255-5013 E-mail: jelsbury@coj.net

Legislation from Independent Agencies requires a resolution from the Independent Agency Board approving the legislation.

Independent Agency Action Item:      **Yes**      **No**  
Boards Action / Resolution?           

Attachment: If yes, attach appropriate documentation. If no, when is board action scheduled?

**FACT SHEET IS REQUIRED BEFORE LEGISLATION IS INTRODUCED**

SCOPE OF SERVICES  
DESIGN AND BID DOCUMENTS  
FEBRUARY 1, 2021

5TH STREET BRIDGE 724039 REPLACEMENT  
CONTRACT AMENDMENT #1

I. SCOPE OF PROJECT

- A. The intent of this project is to prepare Final Design engineering plans and specifications for the replacement of Bridge No. 724039 on 5th Street over Six Mile Creek. The Consultant shall acquire the necessary permits and prepare construction plans and bid documents for the bridge replacement.
- B. The project limits along 5th Street shall be from 135 feet west of the existing bent 1 and 135 feet east of existing bent 5. (approximately 350 feet)
- C. It is intended that the Consultant's services will result in all drawings, sketches, and other documents needed for the City to adjust utilities and contract for construction of the project.
- D. Consultant's services on the project shall be in two (2) phases: (1) Final Design, and (2) Post Design Service during Construction.
- E. This amendment is for services listed below for the Final Design Phase only.

II. PROJECT REQUIREMENTS

A. Final Design Requirements:

- 1. STRUCTURES DESIGN  
Walls: The Consultant will furnish final design services for the proposed walls on the southern side over Six Mile Creek (Bridge No. 724039). Final Design services include a plan & elevation, and foundation design. An Opinion of Probable Cost estimate for the proposed bridge construction will also be provided.
  - 2. TOPOGRAPHICAL SURVEY  
The CONSULTANT will acquire topographical survey at the following locations:
    - a. Wall Soil Borings Locations
  - 3. SUBSURFACE UTILITY LOCATES (SUE) - N/A
  - 4. GEOTECHNICAL
    - a. 2 SPT Borings (50')
    - b. 4 Wall Borings
    - c. Final Report
- B. Sequence of Services: Unchanged
- C. Project Submittal Requirements: Unchanged

D. Utility Coordination

The Consultant shall identify utility conflicts to aid in coordinating relocations and adjustments with Utility Agency Owners.

E. Permitting:

The Consultant shall prepare all required applications for permits and supporting documentation and furnish to the Project Manager for signatures and submittal.

F. Specifications Productions

The Consultant shall prepare bid documentation and specifications package.

III. ENGINEERING DIVISION RESPONSIBILITIES – Unchanged

IV. TIME SCHEDULE – Unchanged

V. NOTICE TO PROCEED

No work on this project shall be performed until a contract has been executed and Notice to Proceed is issued which specifically authorizes such work.

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION  
CITY OF JACKSONVILLE, FLORIDA**

<b>PART I - GENERAL</b>				
1. Project Professional Structural Engineering Services Task Order #1 AMD 1 5th Street over Six Mile Creek Replacement			2. Proposal Number P-16-19	
3. Name of Consultant STV Incorporated			4. Date of Proposal 2/1/2021	
<b>PART II - LABOR RELATED COSTS</b>				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager	\$74.79	147	\$10,994.13	
Principal	\$107.08	0	\$0.00	
Chief Engineer	\$86.31	17	\$1,467.27	
Senior Engineer	\$66.45	112	\$7,442.40	
Design Engineer	\$37.37	74	\$2,765.38	
Engineering Intern	\$30.82	32	\$986.24	
Designer	\$44.62	0	\$0.00	
CADD/Computer Tech	\$32.63	0	\$0.00	
Clerical	\$24.38	88	\$2,145.44	
<b>TOTAL DIRECT LABOR</b>		<b>470</b>	<b>Hours</b>	<b>\$25,800.86</b>
6. Overhead (Combined Fringe Benefit & Administrative)				
				150.00%
				\$38,701.29
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$64,502.15
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$6,450.22
<b>PART III - OTHER COSTS</b>				
9. Miscellaneous Direct Costs				
<b>MISCELLANEOUS DIRECT COSTS SUB-TOTAL</b>				<b>\$0.00</b>
10. SUBCONTRACTS (Lump Sum)				
Taylor Engineering (Bridge Hydraulics)			\$ -	
<b>SUB-CONTRACT SUB-TOTAL</b>				<b>\$ -</b>
<b>TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)</b>				<b>\$70,952.37</b>
11. REIMBURSABLE COSTS (Limiting Amount)				
ERS (Environmental/Permitting)			\$ -	
Terracon (Geotechnical)			\$ 22,488.76	
DRMP (Survey/SUE)			\$ 1,505.63	
T2UE (Utility Coordination)			\$ -	
<b>SUB-TOTAL REIMBURSABLES</b>				<b>\$ 23,994.39</b>
<b>PART IV - SUMMARY</b>				
<b>TOTAL AMOUNT OF AMENDMENT #5 (Lump Sum Plus Reimbursables)</b> (Items 5, 6, 8, 9, 10 and 11)				<b>\$94,946.76</b>
12. PRIOR CONTRACT AMOUNT				\$399,375.15
<b>AMENDED AMOUNT OF CONTRACT</b>				<b>\$494,321.91</b>

**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION  
CITY OF JACKSONVILLE, FLORIDA**

<b>PART I - GENERAL</b>				
1. Project COJ 5th Street Amendment #1		2. Proposal Number		
3. Name of Consultant DRMP, Inc.		4. Date of Proposal 1/28/2021		
<b>PART II - LABOR RELATED COSTS</b>				
5. Direct Labor Add/Delete Classifications as needed.	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Senior (PSM)	\$72.00	1	\$72.00	
Project (PSM)	\$56.36	2	\$112.72	
Survey Tech	\$36.36	3	\$109.08	
Secretary/Clerical	\$22.54	0	\$0.00	
3-man Survey Crew	\$56.63	4	\$253.70	
2-Man Designate SUE Crew	\$50.91	0	\$0.00	
3-Man Vacuum SUE Crew	\$74.55	0	\$0.00	
<b>TOTAL DIRECT LABOR</b>		<b>10</b>	<b>Hours</b>	<b>\$547.50</b>
6. Overhead (Combined Fringe Benefit & Administrative)			150%	821.2536
<b>7. SUBTOTAL: Labor + Overhead (Items 5 &amp; 6)</b>				<b>\$1,368.76</b>
<b>8. PROFIT: Labor Related Costs (Item 7)</b>			x 10%	<b>\$136.88</b>
<b>PART III - OTHER COSTS</b>				
9. Miscellaneous Direct Costs			\$	
			\$	
			\$	
			\$	
<b>MISCELLANEOUS DIRECT COSTS SUB-TOTAL</b>				<b>\$0.00</b>
10. SUBCONTRACTS (Lump Sum)			\$	
			\$	
<b>SUB-CONTRACT SUB-TOTAL</b>				<b>\$0.00</b>
<b>TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)</b>				<b>\$1,505.63</b>
11. REIMBURSABLE COSTS (Limiting Amount)			\$	0.00
			\$	0.00
			\$	0.00
			\$	0.00
<b>SUB-TOTAL REIMBURSABLES</b>				<b>\$0.00</b>
<b>PART IV - SUMMARY</b>				
<b>TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5, 6, 8, 9, 10 and 11)</b>				<b>\$1,505.63</b>



**CONTRACT FEE SUMMARY FOR ENGINEERING DIVISION  
CITY OF JACKSONVILLE, FLORIDA**

<b>PART I - GENERAL</b>				
1. Project 5th Street over Six Mile Creek Bridge Replacement		2. Proposal Number PEQ205010A		
3. Name of Consultant Terracon Consultants, Inc.		4. Date of Proposal 1/25/2021		
<b>PART II - LABOR RELATED COSTS</b>				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Project Manager	\$84.62	13	\$1,100.06	
Design Engineer	\$55.29	26	\$1,437.54	
Designer or Technician	\$30.29	16	\$484.64	
Drafter or CADD Operator	\$34.17	7	\$239.19	
Clerical	\$28.46	3	\$85.38	
<b>TOTAL DIRECT LABOR</b>		<b>65 Hours</b>		<b>\$3,346.81</b>
6. Overhead (Combined Fringe Benefit & Administrative)				
			185.72%	\$6,215.70
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				\$9,562.51
8. PROFIT: Labor Related Costs (Item 7) x 10%				\$956.25
<b>PART III - OTHER COSTS</b>				
9. Miscellaneous Direct Costs				
Laboratory and Drilling			\$11,970.00	
<b>MISCELLANEOUS DIRECT COSTS SUB-TOTAL</b>				<b>\$11,970.00</b>
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$22,488.76
11. REIMBURSABLE COSTS (Limiting Amount)				
			\$	
SUB-TOTAL REIMBURSABLES				
<b>PART IV - SUMMARY</b>				
<b>TOTAL AMOUNT OF AMENDMENT #2 (Lump Sum Plus Reimbursables)</b> (Items 5, 6, 8, 9, 10 and 11)				<b>\$22,488.76</b>

**EBO FORM 1**  
**SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION**

Name of Proposer: STV Incorporated

Project Title: Professional Structural Engineering Services –  
Task Order #1 – 5<sup>th</sup> Street Bridge Replacement, Amendment #1

Proposal Number: P-16-19 Total Base Proposal Amount (if applicable): \$494,321.91

**\*Please list all JSEBs first**

Full Company Name	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic)	Type of Work to be Performed	Total Contract Value or Percentage
<u>Meskel &amp; Assoc. Engineering, LLC</u>	<u>Women</u>	<u>Geotechnical Services</u>	<u>N/A</u>
<u>Peters &amp; Yaffee, Inc.</u>	<u>African-American</u>	<u>Traffic &amp; Signalization</u>	<u>N/A</u>
<u>ERS</u>	<u>Non-MBE</u>	<u>Environmental</u>	<u>N/A</u>
<u>DRMP</u>	<u>Non-MBE</u>	<u>Survey/SUE</u>	<u>\$1,505.63</u>
<u>Osiris 9</u>	<u>Non-MBE</u>	<u>Public Outreach</u>	<u>N/A</u>
<u>STV Incorporated</u>	<u>Non-MBE</u>	<u>Road/Structures Engineering</u>	<u>\$70,952.37</u>
<u>T2UE</u>	<u>Non-MBE</u>	<u>Utility Coordination</u>	<u>N/A</u>
<u>Taylor Engineering</u>	<u>Non-MBE</u>	<u>Bridge Hydraulics</u>	<u>N/A</u>
<u>Terracon</u>	<u>Non-MBE</u>	<u>Geotechnical</u>	<u>\$22,488.76</u>

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	0%
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	0%
Non-MBE Participation Total	100%

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer: J. Keith Jackson

Title: STV Contract Manager

Date: February 1, 2021

Print Name: J. Keith Jackson, PE

**EXHIBIT B**  
**5th Street Bridge 724039 Replacemer**  
**STV Staff Hours Proposal**  
**Amendment #1**  
**February 1, 2021**

**ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT**

Name of Project: 5th Street Bridge 724039 Replacement  
 County: Duval  
 FPN: N/A  
 FAP No.: N/A

Const  
 Co

Staff Classification	Total Staff Hours From "SH Summary -	Project Manager	Principal Engineer	Chief Engineer	Senior Engineer	Design Engineer	Engineering Intern	Designer	CADD Tech	Clerical		
		\$74.79	\$107.08	\$86.31	\$66.45	\$37.37	\$30.82	\$44.62	\$32.63	\$24.38		
3. Project General and Project Common Tasks	251	126	0	0	25	37	0	0	0	63	0	0
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0
7. Utilities	29	15	0	7	7	0	0	0	0	0	0	0
8. Environmental Permits, and Env. Clearances	50	0	0	0	50	0	0	0	0	0	0	0
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	19	2	0	2	8	4	2	0	0	1	0	0
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0
17. Structures - Retaining Walls	121	4	0	8	22	33	30	0	0	24	0	0
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Staff Hours</b>	<b>470</b>	<b>147</b>	<b>0</b>	<b>17</b>	<b>112</b>	<b>74</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>88</b>	<b>0</b>	<b>0</b>
<b>Total Staff Cost</b>		<b>\$10,994.13</b>	<b>\$0.00</b>	<b>\$1,467.27</b>	<b>\$7,442.40</b>	<b>\$2,765.38</b>	<b>\$986.24</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$2,145.44</b>	<b>\$0.00</b>	<b>\$0.00</b>

Survey Field Days by Subconsultant  
 4 - Person Crew:

Notes:

<b>SALARY RELATED COSTS:</b>	
OVERHEAD:	
<b>SUBTOTAL</b>	
PROFIT	
Subconsultant:	DRMP
Subconsultant:	TERRACON
<b>GRAND TOTAL ESTIMATED FEE:</b>	

**Project Activity 3: General Tasks**

Estimator:

Representing	Print Name	Signature / Date
COJ		
STV Inc.		

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.1	Public Involvement					
3.1.1	Community Awareness Plan	LS	1	0	0	N/A
3.1.2	Notifications	LS	1	0	0	N/A
3.1.3	Preparing Mailing Lists	LS	1	0	0	N/A
3.1.4	Median Modification Letters	LS	1	0	0	N/A
3.1.5	Driveway Modification Letters	LS	1	0	0	N/A
3.1.6	Newsletters	LS	1	0	0	N/A
3.1.7	Renderings and Fly Throughs	LS	1	0	0	N/A
3.1.8	PowerPoint Presentation	LS	1	0	0	N/A
3.1.9	Public Meeting Preparations	LS	1	0	0	
3.1.10	Public Meeting Attendance/Followup	LS	1	0	0	
3.1.11	Other Agency Meetings	LS	1	0	0	
3.1.12	Web Site	LS	1	0	0	
<b>3.1 Public Involvement Subtotal</b>					<b>0</b>	
3.2	Joint Project Agreements	EA	0	0	0	N/A
3.3	Specifications Package Preparation	LS	1	120	120	120 hours for assembling the Specifications and Bid Package.
3.4	Contract Maintenance and Project Documentation	LS	1	56	56	Set Up for Master Contract and Sub Contracts = 20 hours 4 hours per month for contract maintenance. Assume 14 months for D
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	N/A
3.6	Prime Consultant Project Manager Meetings	LS	1	75	75	
3.7	Plans Update	LS	1	0	0	

**Project Activity 3: General Tasks**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.8	Post Design Services	LS	1	0	0	
3.9	Digital Delivery	LS	1	0	0	
3.10	Risk Assessment Workshop	LS	1	0	0	
3.11	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	
3.11.1	Aeronautical Evaluation	LS	1	0	0	
3.12	Landscape and Existing Vegetation Coordination	LS	1	0	0	
3.13	Other Project General Tasks	LS	1	0	0	
<b>3. Project Common and Project General Tasks Total</b>					<b>251</b>	

3.6 - List of Project Manager Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway Analysis	EA	3	3	9	See Tab 3
Drainage	EA	0	0	0	See Tab 6a & Tab 6b
Utilities	EA	3	2	6	See Tab 7
Environmental	EA	2	3	6	See Tab 8
Structures	EA	2	4	8	See Tab 9
Signing & Pavement Marking	EA	0	0	0	
Signalization	EA	0	0	0	
Lighting	EA	0	0	0	
Landscape Architecture	EA	0	0	0	
Survey	EA	0	0	0	
Photogrammetry	EA	0	0	0	
ROW & Mapping	EA	0	0	0	
Terrestrial Mobile LiDAR	EA	0	0	0	
Architecture	EA	0	0	0	
Noise Barriers	EA	0	0	0	
ITS Analysis	EA	0	0	0	
Geotechnical	EA	0	0	0	
Progress Meetings	EA	3	4	12	
Phase Reviews	EA	3	10	30	Review and Respond to Comments
Field Reviews	EA	2	2	4	2 Field Reviews
<b>Total Project Manager Meetings</b>		<b>18</b>		<b>75</b>	<b>Total PM Meeting Hours carries to Task 3.6 above</b>

**Project Activity 7: Utilities**

Estimator:

Representing	Print Name	Signature
COJ		
STV Inc		

**NOTE: Signature Block is optional, per District preference**

Estimate based on 15 UAO's and 2 Contingent UAO's

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	
7.1	Utility Kickoff Meeting	LS	1	0	0	Meeting is list
7.2	Identify Existing Utility Agency Owner(s)	LS	1	0	0	
7.3	Make Utility Contacts	LS	1	0	0	
7.4	Exception Processing	LS	1	0	0	
7.5	Preliminary Utility Meeting	LS	1	0	0	
7.6	Individual/Field Meetings	LS	1	0	0	
7.7	Collect and Review Plans and Data from UAO(s)	LS	1	0	0	
7.8	Subordination of Easements Coordination	LS	1	0	0	
7.9	Utility Design Meeting	LS	1	0	0	
7.10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	1	7	7	1 hrs x 7 L
7.11	Utility Coordination/Followup	LS	1	0	0	

**Project Activity 7: Utilities**

7.12	Utility Constructability Review	LS	1	0	0	
7.13	Additional Utility Services	LS	1	0	0	
7.14	Processing Utility Work by Highway Contractor (UWHC)	LS	1	0	0	
7.15	Contract Plans to UAO(s)	LS	1	0	0	
7.16	Certification/Close-Out	LS	1	0	0	
7.17	Other Utilities	LS	1	22	22	Coordinate Design Accommodations Utility Conflict Ma
<b>7. Utilities Total</b>					<b>29</b>	

<b>Technical Meetings</b>	<b>Units</b>	<b>No of Units</b>	<b>Hours/ Unit</b>	<b>Total Hours</b>	<b>Comments</b>
Kickoff (see 7.1)	EA	0	0	0	
Preliminary Meeting (see 7.5)	EA	0	0	0	
Individual UAO Meetings (see 7.6)	EA	0	0	0	For Project Manager Attendance - see T2's SH
Field Meetings (see 7.6)	EA	0	0	0	
Design Meeting (see 7.9)	EA	0	0	0	For Project Manager Attendance - see T2's SH
Other Meetings (this is automatically added into Utilities Total (cell F27))	EA	0	0	0	
<b>Total Meetings</b>				<b>0</b>	<b>Total Project Manager</b>



**Project Activity 8: Environmental Permits**

Estimator:

5th Street

Representing	Print Name	Signature / Date
COJ		
STV Inc		

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
<b>Environmental Permits and Environmental Clearances</b>						
8.1	Preliminary Project Research	LS	1		0	Research existing information.
<b>Permits</b>						
8.2	Field Work					
8.2.1	Pond Site Alternatives	per pond site	0	0	0	
8.2.2	Establish Wetland Jurisdictional Lines and Assessments	LS	1	0	0	
8.2.3	Species Surveys	LS	1	0	0	
8.3	Agency Verification of Wetland Data	LS	1	0	0	
8.4	<b>Complete And Submit All Required Permit Applications</b>					
8.4.1	Complete and Submit All Required Wetland Permit Applications	LS	1	10	10	Assist ERS with permit application
8.4.2	Complete and Submit All Required Species Permit Applications	LS	1	0	0	
8.5	Coordinate and Review Dredge and Fill Sketches	LS	1	0	0	
8.6	Prepare USCG Permit Application	LS	1	0	0	
8.7	Prepare Water Management District or Local Water Control District Right of Way Occupancy Permit Application	LS	1	24	24	Prepare Permit Application
8.8	Prepare Coastal Construction Control Line (CCCL) Permit Application	LS	1	0	0	
8.9	Prepare USACE Section 408 Application to Alter a Civil Works Project	LS	1	0	0	
8.10	Compensatory Mitigation Plan	LS	1	0	0	
8.11	Mitigation Coordination and Meetings	LS	1	0	0	
8.12	Other Environmental Permits	LS	1	0	0	
<b>Environmental Clearances/Reevaluations</b>						
8.13	<b>Technical support to Department for Environmental Clearances and Reevaluations (use when consultant provides technical support only)</b>					
8.13.1	NEPA or SEIR Reevaluation	LS	1	0	0	

**Project Activity 8: Environmental Permits**

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
8.13.2	Archaeological and Historical Resources	LS	1	0	0	
8.13.3	Wetland Impact Analysis	LS	1	0	0	
8.13.4	Essential Fish Habitat Impact Analysis	LS	1	0	0	
8.13.5	Protected Species and Habitat Impact Analysis	LS	1	0	0	
8.14	<b>Preparation of Environmental Clearances and Reevaluations (use when consultant prepares all documents associated with reevaluation)</b>					
8.14.1	NEPA or SEIR Reevaluation	LS	1	0	0	
8.14.2	Archaeological and Historical Resources	LS	1	0	0	
8.14.3	Wetland Impact Analysis	LS	1	0	0	
8.14.4	Essential Fish Habitat Impact Analysis	LS	1	0	0	
8.14.5	Protected Species and Habitat Impact Analysis	LS	1	0	0	
8.15	Contamination Impact Analysis	LS	1	0	0	
8.16	Asbestos Survey	LS	1	0	0	
<b>Environmental Permits and Environmental Clearances/Reevaluations Technical Subtotal</b>					<b>34</b>	
8.17	Technical Meetings	LS	1	10	10	Meetings are listed below
8.18	Quality Assurance/Quality Control	LS	%	5%	4	
8.19	Supervision	LS	%	5%	2	
<b>Environmental Permits and Environmental Clearances Nontechnical Subtotal</b>					<b>18</b>	
8.20	Coordination	LS	%	3%	2	
<b>8. Environmental Permits and Environmental Clearances Total</b>					<b>60</b>	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Att Meeting
WMD	EA	1	3	3	with ERS	
NMFS	EA	0	0	0		
USACE	EA	1	3	3	with ERS	
USCG	EA	0	0	0		
USFWS	EA	0	0	0		
FFWCC	EA	0	0	0		
FDOT	EA	0	0	0		
Other Meetings	EA	0	0	0		
<b>Subtotal Technical Meetings</b>				<b>6</b>		<b>Subtotal Project Man</b>
Progress Meetings	EA	0	0	0		
Phase Review Meetings for RAI	EA	1	4	4		
<b>Total Meetings</b>				<b>10</b>		<b>Total Project Manager Meetings (ca</b>

Carries to 8.18

**ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT**

Name of Project: COJ 5th Street Bridge over Six Mile Creek SA  
 County: Duval  
 FPN: 0  
 FAP No.: 1/0/1900

C

Staff Classification	Total Staff Hours From "SH Summary Firm"	Principal Manager	Project Manager (PSM)	Technician	Clerical	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11
		\$198.00	\$154.99	\$99.99	\$61.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0
27. Survey (Field & Office Support)	6	1	2	3	0	0	0	0	0	0	0	0
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Staff Hours</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Staff Cost</b>		<b>\$198.00</b>	<b>\$309.98</b>	<b>\$299.97</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

Notes:

1. This sheet to be used by Subconsultant to calculate its fee.
2. Field Survey based on 3 peron crew 8 hour day.

SALARY RELATED COSTS:	
OVERHEAD:	
OPERATING MARGIN:	
FCCM (Facilities Capital Cost Money):	
EXPENSES:	
<b>SUBTOTAL ESTIMATED FEE:</b>	
Survey (Field)	0.56
SUE (Designates)	0
SUE (Locates)	0
Geotechnical Field and Lab Testing	
<b>SUBTOTAL ESTIMATED FEE:</b>	
Optional Services	
<b>GRAND TOTAL ESTIMATED FEE:</b>	

**Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings**

Estimator:

Representing	Print Name	Signature
COJ		
STV Inc		

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Units	Design and Production Staffhours						
			No. of Units	Hours per Unit	No. of Sheets	Total			
<b>General Drawings</b>									
9.1	Key Sheet and Index of Drawings	Sheet	0		0	0			
9.2	Project Layout	Sheet	0		0	0			
9.3	General Notes and Bid Item Notes	Sheet	0		0	0			
9.4	Miscellaneous Common Details	Sheet	0		0	0			
9.5	Incorporate Report of Core Borings	Sheet	0		0	0			
9.6	Standard Plans- Bridges	LS	0		0	0			
9.7	Existing Bridge Plans	LS	0		0	0			
9.8	Assemble Plan Summary Boxes and Quantities	LS	0		0	0			
9.9	Cost Estimate	LS	0		0	0			
9.10	Technical Special Provisions and Modified Special Provisions	LS	0		0	0			
<b>Structures - Summary and Miscellaneous Tasks and Drawings</b>					0	0			
Task No.	Task	Total	Task 10	Task 11	Task 12	Task 13	Task 14	Task 15	
10-16	Bridge 1	0	0	0	0	0	0	0	
10-16	Bridge 2	0							
10-16	Bridge 3	0							
10-16	Bridge 4	0							
10-16	Bridge 5	0							
10-16	Bridge 6	0							

**Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings**

10-16	Bridge 7	0							
10-16	Bridge 8	0							
10-16	Bridge 9	0							
10-16	Bridge 10	0							
17	Retaining Walls	121							
18	Miscellaneous Structures	0							
<b>Structures Technical Subtotal</b>		121	0	0	0	0	0	0	0
<b>Task No.</b>	<b>Task</b>	<b>Units</b>	<b>No. of Units</b>	<b>Hours per Unit</b>	<b>Total</b>	<b>Comme</b>			
9.11	Field Reviews	LS	1	0	0				
9.12	Technical Meetings	LS	1	0	0				
9.13	Quality Assurance/Quality Control	LS	%	7%	8				
9.14	Independent Peer Review	LS	0	0	0				
9.15	Supervision	LS	%	5%	6				
<b>Structures Nontechnical Subtotal</b>					14				
9.16	Coordination	LS	1	5	5	Roadway			
<b>9. Structures - Summary and Miscellaneous Tasks and Drawings</b>					<b>19</b>				

<b>Technical Meetings</b>	<b>Units</b>	<b>No of Units</b>	<b>Hours/ Unit</b>	<b>Total Hours</b>	<b>Comments</b>
BDR Coordination/Review	EA	0	0	0	
90/100% Comment Review	EA	0	0	0	
Aesthetics Coordination	EA	0	0	0	
Regulatory Agency	EA	0	0	0	
Local Governments (cities, counties)	EA	0	0	0	
Utility Companies	EA	0	0	0	
Other Meetings	EA	0	0	0	
<b>Subtotal Technical Meetings</b>				<b>0</b>	
Progress Meetings	EA	0	0	0	<i>PM attendance at Progress Meetings is manually</i>
Phase Review Meetings	EA	0	0	0	<i>Review and Respond to Com</i>
<b>Total Meetings</b>				<b>0</b>	<b>Total Project Manage</b>

**Project Activity 17: Retaining Walls**

Estimator:

Representing	Print Name	Signature / Date
COJ		
STV Inc		

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
<b>General Requirements</b>							
17.1	Key Sheet	Sheet	0	0	0	0	
17.2	Horizontal Wall Geometry	Per Wall	2	4		8	
<b>Permanent Proprietary Walls</b>							
17.3	Vertical Wall Geometry	Per Wall	0	0		0	
17.4	Semi-Standard Drawings	Sheet	0	0	0	0	
17.5	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.6	Details	Sheet	0	0	0	0	
<b>Temporary Proprietary Walls</b>							
17.7	Vertical Wall Geometry	Per Wall	0	0		0	
17.8	Semi-Standard Drawings	Sheet	0	0	0	0	
17.9	Wall Plan and Elevations (Control Drawings)	Sheet	0	0	0	0	
17.10	Details	Sheet	0	0	0	0	

**Project Activity 17: Retaining Walls**

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
<b>Cast-in-Place Retaining Walls</b>							
17.11	Design	EA Design	1	22		22	
17.12	Vertical Wall Geometry	EA Wall	2	16		32	
17.13	General Notes	Sheet	1	3	1	3	
17.14	Wall Plan and Elevations (Control Drawings)	Sheet	2	22	2	44	
17.15	Sections and Details	Sheet	1	4	1	4	
17.16	Reinforcing Bar List	Sheet	1	8	1	8	
<b>Other Retaining Walls and Bulkheads</b>							
17.17	Design	EA Design	0	0		0	
17.18	Vertical Wall Geometry	EA Wall	0	0		0	
17.19	General Notes, Tables and Misc. Details	Sheet	0	0	0	0	
17.20	Wall Plan and Elevations	Sheet	0	0	0	0	
17.21	Details	Sheet	0	0	0	0	
<b>17. Structures - Retaining Walls Total</b>					<b>5</b>	<b>121</b>	

**27. Survey**

Estimator:

Representing	Print Name	Signature
FDOT District		
Consultant Name		

**NOTE: Signature Block is optional, per District preference**

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Cost
27.1	Horizontal Project Control (HPC)									
	2-Lane Roadway	Mile			0.00		0.00		0.00	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.2	Vertical PC / Bench Line									
	2-Lane Roadway	Mile			0.00		0.00		0.00	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.3	Alignment and Existing R/W Lines									
		Mile			0.00		0.00		0.00	
27.4	Aerial Targets			Units/Day						
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
27.5	Reference Points	"A"		Units/Day						
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
	Reference Points	"B"		Units/Day						
	Non Alignment Points/Approximate	EA			0.00		0.00		0.00	



**27. Survey**

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	
27.6	Topography/DTM (3D)									
		Mile			0.00		0.00		0.00	
27.7	Planimetric (2D)									
		Mile			0.00		0.00		0.00	
27.8	Roadway Cross-Sections/Profiles									
		Mile			0.00		0.00		0.00	
27.9	Side Street Surveys									
		Mile			0.00		0.00		0.00	
D	Underground Utilities									
	Designates	Mile/Site			0.00		0.00		0.00	
	Locates	Point			0.00		0.00		0.00	
	Survey		20%	0.00	0.00		0.00		0.00	
27.11	Outfall Survey									
		Mile			0.00		0.00		0.00	
27.12	Drainage Survey			Units/Day						
		EA			0.00		0.00		0.00	
27.13	Bridge Survey									
	Minor / Major	EA			0.00		0.00		0.00	
27.14	Channel Survey									
		EA			0.00		0.00		0.00	
27.15	Pond Site Survey									
		EA			0.00		0.00		0.00	
27.16	Mitigation Survey									
		Mile			0.00		0.00		0.00	
27.17	Jurisdiction Line Survey									
		Mile			0.00		0.00		0.00	

**27. Survey**

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	
27.18	Geotechnical Support			Units/Day						Locate geotech boring
		EA	4.00	8.00	0.50	1.00	0.50	3.00	1.50	
27.19	Sectional / Grant Survey									
		Corner			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.20	Subdivision Location									
		Block			0.00		0.00		0.00	
27.21	Maintained R/W									
		Mile			0.00		0.00		0.00	
27.22	Boundary Survey									
		EA			0.00		0.00		0.00	
27.23	Water Boundary Survey									
		EA			0.00		0.00		0.00	
27.24	R/W Staking / R/W Line									
		EA			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.25	R/W Monumentation									
		Point			0.00		0.00		0.00	
27.26	Line Cutting									Set up Channel
		Mile			0.00					
27.27	Work Zone Safety									
			0	0.50	0.06					
27.28	Vegetation Survey									
		LS							0	
27.29	Tree Survey									
		LS							0	
27.30	Miscellaneous Surveys									
					0.00		0.00		0.00	
<b>Survey Subtotal</b>				<b>Crew Days</b>	<b>1</b>	<b>Field Support Hours</b>	<b>1</b>	<b>Office Support Hours</b>	<b>2</b>	
27.31	Supplemental Surveys									THE % FOR SUPPLEMENTAL WILL BE ITEM CAN ONLY BE USED IF ALL

**27. Survey**

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	
				1	0		0		0	
27.32	Document Research	Units	4.00						4	Research-coordination
27.33	Field Reviews	Units							0	
27.34	Technical Meetings	LS	0.00						0	
27.35	Quality Assurance / Quality Control	LS						5%	0	
27.36	Supervision	LS						5%	0	
27.37	Coordination	LS						3%	0	
<b>27. Survey Total</b>				<b>Crew Days</b>	<b>1</b>	<b>Field Support Hours</b>	<b>1</b>	<b>Office Support Hours</b>	<b>6</b>	

SPLS =  
 PLS =  
 Office Support =  
 Total Hours = 6

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number	
Kickoff Meeting with FDOT	EA	0	0	0		0	
Baseline Approval Review	EA	0	0	0		0	
Network Control Review	EA	0	0	0		0	
Vertical Control Review	EA	0	0	0		0	
Local Governments (cities, counties)	EA	0	0	0		0	
Final Submittal Review	EA	0	0	0		0	
Other Meetings	EA	0	0	0		0	
<b>Subtotal Technical Meetings</b>				<b>0</b>	<b>Subtotal PM Meetings</b>	<b>0</b>	
Progress Meetings (if required by FDOT)	EA	0	0	0	**	--	
Phase Review Meetings	EA	0	0	0	**	--	
<b>Total Meetings</b>				<b>0</b>	<b>Total PM Mtgs (carries to Tab 3)</b>	<b>0</b>	

Carries to 27.32

Carries to Tab 3

\*\* Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

**5th Street over Six Mile Creek Bridge Replacement  
Terracon Proposal No. PEQ205010A**

DESCRIPTION OF WORK	QTY.	RATE	UNIT	AMOUNT
<b><i>I. FIELD EXPLORATION</i></b>				
211-Pavement Coring - 6" dia with Base Depth Check	0	\$300.00	Each	\$ -
419-Geo Drilling Crew 2-Person	8	\$200.00	Hour	\$ 1,600.00
427-Geo Extra SPT Samples - Truck/Mud Bug 0-50 Ft	16	\$40.00	Each	\$ 640.00
440-Geo Grout Boreholes - Truck/Mud Bug 0-50 Ft	100	\$5.50	Foot	\$ 550.00
478-Geo SPT Truck/Mud Bug - 0-50 Ft	100	\$16.00	Foot	\$ 1,600.00
488-Geo Temp Casing 3" Truck/Mud Bug 0-50 Ft	40	\$10.00	Foot	\$ 400.00
519-Geo Undisturbed Samples Truck/Mud Bug 0-50 Ft	2	\$150.00	Each	\$ 300.00
614-Mobilization Mudbug/All Terrain Vehicle	1	\$750.00	Each	\$ 750.00
MOT-Flagging Operation (Day)	2	\$1,350.00	Day	\$ 2,700.00
MOT-Off Duty Police Officer	16	\$55.00	Hour	\$ 880.00
<b>FIELD EXPLORATION SUBTOTAL</b>				<b>\$ 9,420.00</b>
<b><i>II. LABORATORY TESTING</i></b>				
802-Soils Consol-Addtl Incrmnts AASHTO T216 (up to 12 Loads)	2	\$750.00	Each	\$ 1,500.00
805-Soils Corrosion Series FM 5-550 through 5-553	0	\$200.00	Each	\$ -
816-Soils Moisture Content Lab AASHTO T265	6	\$20.00	Each	\$ 120.00
822-Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	0	\$100.00	Each	\$ -
812-Soils Materials Finer than 200 Sieve FM 1-T011	6	\$75.00	Each	\$ 450.00
819-Soils Organic Content Ignition FM 1 T-267	4	\$60.00	Each	\$ 240.00
826-Soils Plastic Limit & Plasticity Index AASHTO T90	2	\$60.00	Each	\$ 120.00
811-Soils liquid Limit AASHTO T89	2	\$60.00	Each	\$ 120.00
<b>LABORATORY TESTING SUBTOTAL</b>				<b>\$ 2,550.00</b>
<b>TOTAL ESTIMATED FEE</b>				<b>\$ 11,970.00</b>

**35. Geotechnical**

Estimator: Terracon

Representing	Print Name	Signature / Date
City of Jacksonville		
Terracon Consultants, Inc		

*NOTE: Signature Block is optional, per District preference*

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
	<b>Roadway</b>					
35.1	Document Collection and Review	LS	0	0	0	NO ROADWAY
35.2	Develop Detailed Boring Location Plan	LS	0	0	0	
35.3	Stake Borings/Utility Clearance	Boring	0	0	0	
35.4	Muck Probing	Crew Day	0	0	0	
35.5	Coordinate and Develop MOT Plans for Field Investigation	EA	0	0	0	
35.6	Drilling Access Permits	Location	0	0	0	
35.7	Property Clearances	EA	0	0	0	
35.8	Groundwater Monitoring	EA	0	0	0	
35.9	LBR/Resilient Modulus Sampling	EA	0	0	0	
35.10	Coordination of Field Work	100 lf of boring	0	0	0	
35.11	Soil and Rock Classification - Roadway	100 lf of boring	0	0	0	
35.12	Design LBR	LS	0	0	0	
35.13	Laboratory Data	100 lf of boring	0	0	0	
35.14	Seasonal High Water Table	Boring	0	0	0	
35.15	Parameters for Water Retention Areas	EA	0	0	0	
35.16	Delineate Limits of Unsuitable Material	Cross-section	0	0	0	
35.17	Electronic Files for Cross-Sections	100 lf of boring	0	0	0	
35.18	Embankment Settlement and Stability	Embankment Boring	0	0	0	
35.19	Monitor Existing Structures	LS	0	0	0	
35.20	Stormwater Volume Recovery and/or Background Seepage Analysis	EA	0	0	0	

### 35. Geotechnical

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.21	Geotechnical Recommendations	LS	0	0	0	
35.22	Pavement Condition Survey and Pavement Evaluation Report	LS	0	0	0	
35.23	Preliminary Roadway Report	LS	0	0	0	
35.24	Final Report	EA	0	0	0	
35.25	Auger Boring Drafting	100 lf boring	0	0	0	
35.26	SPT Boring Drafting	100 lf boring	0	0	0	
<b>Roadway Geotechnical Subtotal</b>					<b>0</b>	
<b>Structures</b>						
35.27	Develop Detailed Boring Location Plan	LS	1	1	1	2 SPT to 50' each at proposed wall location c
35.28	Stake Borings/Utility Clearance	Boring	2	2	4	
35.29	Coordinate and Develop MOT Plans for Field Investigation	EA	1	4	4	MOT required for drilling
35.30	Drilling Access Permits	Location	0	0	0	N/A
35.31	Property Clearances	EA	0	0	0	N/A
35.32	Collection of Corrosion Samples	EA	0	0	0	N/A
35.33	Coordination of Field Work	100 lf of boring	1	3	3	
35.34	Soil and Rock Classification - Structures	100 lf of boring	1	3	3	
35.35	Tabulation of Laboratory Data	100 lf of boring	1	1	1	
35.36	Estimate Design Groundwater Level for Structures	EA	2	1	2	
35.37	Selection of Foundation Alternatives (BDR)	Bridge boring	0	0	0	N/A
35.38	Detailed Analysis of Selected Foundation Alternate(s)	Bridge boring	0	0	0	N/A
35.39	Bridge Construction and Testing Recommendations	Bridge boring	0	0	0	N/A
35.40	Lateral Load Analysis (Optional)	Bridge boring	0	0	0	N/A
35.41	Walls	Wall Boring	4	5	20	2 new borings plus 2 bridge b
35.42	Sheet Pile Wall Analysis (Optional)	Wall Boring	0	0	0	N/A
35.43	Design Soil Parameters for Signs, Signals, High Mast Lights, and Strain Poles and Geotechnical Recommendations	Boring	0	0	0	N/A
35.44	Box Culvert Analysis	EA	0	0	0	N/A

**35. Geotechnical**

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
35.45	Preliminary Report - BDR	EA	0	0	0	N/A
35.46	Final Report - Bridge and Associated Walls	EA	1	12	12	
35.47	Final Reports - Signs, Signals, Box Culvert, Walls and High Mast Lights	EA	0	0	0	N/A
35.48	SPT Boring Drafting	100 lf of boring	1	8	8	
35.49	Other Geotechnical	LS	0	0	0	
<b>Structural Geotechnical Subtotal</b>					<b>58</b>	
<b>Geotechnical Technical Subtotal</b>					<b>58</b>	
35.50	Technical Special Provisions and Modified Special Provisions	EA	0	0	0	
35.51	Field Reviews	LS	0	0	0	
35.52	Technical Meetings	LS	1	1	1	Meetings listed below
35.53	Quality Assurance/Quality Control	LS	%	3%	2	
35.54	Supervision	LS	%	3%	2	
<b>Geotechnical Nontechnical Subtotal</b>					<b>5</b>	
35.55	Coordination	LS	%	3%	2	
<b>35. Geotechnical Total</b>					<b>65</b>	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Kickoff Meeting with COJ	EA	0	0	0	
Boring Layout Approval	EA	1	1	1	
Attend in BDR Review Meeting	EA	0	0	0	
30/60/90% Submittal Review	EA	0	0	0	
Other Meetings	EA	0	0	0	
<b>Subtotal Technical Meetings</b>				<b>1</b>	<b>Subtotal Project</b>
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered
<b>Total Meetings</b>				<b>1</b>	<b>Total Project Manager Meetings</b>

Carries to 33.18

## VIA Consulting Services, Inc.

10250 Normandy Blvd., Suite 304  
Jacksonville, Fl. 32221



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### SOW 2020-004 Constructability Review for 5<sup>th</sup> Street Bridge for Agreement P-29-15 Construction Engineering and Inspection on Various City Projects

Date	Services Performed By:	Services Performed For:
November 21, 2020	VIA Consulting Services, Inc. 10250 Normandy Blvd., Suite 304 Jacksonville, Fl. 32221	City of Jacksonville Gary Goldsbury, Project Manager 214 N. Hogan Street Jacksonville, Fl. 32202

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VIA Consulting Services, Inc. is pleased to submit this Statement of Work to provide Technical/Constructability review of design documentation to the City of Jacksonville for the 5<sup>th</sup> Street Bridge Replacement project.

This SOW # 2020-004 (hereinafter called the "SOW"), effective as of December 4, 2020, is entered into by and between Consultant and Client, and is subject to the terms and conditions specified below. The Exhibit(s) to this SOW, if any, shall be deemed to be a part hereof. In the event of any inconsistencies between the terms of the body of this SOW and the terms of the Exhibit(s) hereto, the terms of the body of this SOW shall prevail.

### Period of Performance

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The Services are anticipated to commence on December 4, 2020, and shall continue through December 4, 2021.

### Engagement Resources

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VIA Consulting Services will utilize the expertise of Mr. Daniel Weber and Mr. Kenny Geisendorff, P.E. to perform the constructability review of the 60% drawing submittals, 90% drawing submittals.

### Scope of Work

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#### **REQUIREMENTS OF THE CONSULTANT:**

##### General



The City of Jacksonville has requested VIA Consulting Services, Inc. to perform a constructability review on the 60%, 90% drawing submittals for the 5th Street Bridge Replacement Project. The City will provide to VIA the all design phase plans and specifications as appropriate. Additionally the City may provide VIA with any existing utility plans or drainage plans to be included in the review. VIA will utilize these plans and specifications to provide a constructability review and analysis.

VIA will review plans, documents and perform a field review to analyze what potential challenges or concerns may be encountered based on the design. VIA will also review the structural design elements of the project from a constructability and conformance with FDOT specifications. The review will not include design calculation reviews or independent design calculations. VIA will provide the City with a summary of the analysis a list of items to be addressed or considered as the deliverable product for this statement of work.

## Fee Schedule

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This engagement will be conducted on a Time & Materials basis. The total value for the Services pursuant to this SOW shall not exceed \$15,249.52 unless otherwise agreed to by both parties via the project change control procedure, as outlined within. A PCR will be issued specifying the amended value.

## Out-of-Pocket Expenses / Invoice Procedures

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Client will be invoiced monthly for the consulting services in accordance with the P-29-15 Agreement. Invoices are due upon receipt. There are no Out-of –Pocket expenses anticipated for this SOW.

Invoices shall be submitted monthly in arrears, referencing this Client’s SOW Number to the address indicated above. Each invoice will reflect charges for the time period being billed and cumulative figures for previous periods. Terms of payment for each invoice are due upon receipt by Client of a proper invoice. Consultant shall provide Client with sufficient details to support its invoices, including time sheets for services performed, unless otherwise agreed to by the parties.

## Completion Criteria

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Consultant shall have fulfilled its obligations when any one of the following first occurs:

- Consultant accomplishes the Consultant activities described within this SOW, and Client accepts such activities and materials without unreasonable objections.
- Consultant and/or Client has the right to cancel services or deliverables not yet provided with [20] business days advance written notice to the other party.

## Project Change Control Procedure

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The following process will be followed if a change to this SOW is required:

- A Project Change Request (PCR) will be the vehicle for communicating change. The PCR must describe the change, the rationale for the change, and the effect the change will have on the project.
- The designated Project Manager of the requesting party (Consultant or Client) will review the proposed change and determine whether to submit the request to the other party.
- Both Project Managers will review the proposed change and approve it for further investigation or reject it. Consultant and Client will mutually agree upon any charges for such investigation, if any. If the investigation is authorized, the Client Project Managers will sign the PCR, which will constitute approval for the investigation charges. Consultant will invoice Client for any such charges. The investigation will determine the effect that the implementation of the PCR will have on SOW price, schedule and other terms and conditions of the Agreement.
- Upon completion of the investigation, both parties will review the impact of the proposed change and, if mutually agreed, a Change Authorization will be executed.
- A written Change Authorization and/or PCR must be signed by both parties to authorize implementation of the investigated changes.

**IN WITNESS WHEREOF**, the parties hereto have caused this SOW to be effective as of the day, month and year first written above.

City of Jacksonville

VIA Consulting Services, Inc.

By: \_\_\_\_\_  
Name:

By:   
Name: Kenny Geisendorff, P.E.  
Digitally signed by Kenny D Geisendorff  
Date: 2020.11.21 11:23:47 -05'00'

Title:

Title: Vice President

Date:

Date: 11-20-20

CONTRACT FEE SUMMARY FOR COJ CEI VARIOUS CITY PROJECTS



<b>PART I - GENERAL</b>				
<b>1. Project</b> Constructability Review Services 5th Street Bridge		<b>2. Contract Number</b> RFP Number: P-29-15		
<b>3. Name of Consultant</b> VIA Consulting Services, Inc.  <b>Subconsultant</b>		<b>4. Date of Proposal</b> 11/20/2020		
<b>PART II - LABOR RELATED COSTS</b>				
<b>5. Direct Labor</b>	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal	\$ 65.00	32	\$ 2,080.00	
Senior Project Engineer	\$ 58.50	52	\$ 3,042.00	
Project Administrator	\$ 43.50	0	\$ -	
Contract Support Specialist	\$ 29.50	0	\$ -	
Senior Inspector	\$ 28.00	0	\$ -	
Inspector	\$ 23.00	0	\$ -	
Admin	\$ 21.00	10	\$ 210.00	
<b>TOTAL DIRECT LABOR</b>				\$ 5,332.00
<b>6. Overhead (Combined Fringe Benefit &amp; Administrative)</b>				
Overhead Rate	160% X Total Direct Labor		\$	8,531.20
<b>7. SUBTOTAL: Labor + Overhead (Items 5 &amp; 6)</b>				\$ 13,863.20
<b>8. PROFIT: Labor Related Costs (Item 7)</b> 10% X (Labor + Overhead)				\$ 1,386.32
<b>PART III - OTHER COSTS</b>				
<b>9. Miscellaneous Direct Costs</b>				
Transportation			\$ -	
Copying			\$ -	
Shipping & Mail			\$ -	
Miscellaneous Direct Costs Sub Total				
ADA Assessment Analysis Task Cost			\$	-
<b>10. REIMBURSABLE COSTS (Limiting Amount)</b>				
Lab Testing and Asphalt Testing			\$	-
<b>SUBTOTAL REIMBURSABLES</b>				\$ -
<b>PART IV - SUMMARY</b>				
<b>TOTAL AMOUNT OF CONTRACT (Reimbursables/NTE)</b> (Items 7,8,9 and 10)				\$ 15,249.52

**MONTHLY MANHOOR ALLOCATIONS**

<b>PART I - GENERAL</b>								
<b>1. Project</b> Constructability Review Services 5th Street Bridge			<b>2. Contract Number</b> RFP Number: P-29-15					
<b>3. Name of Consultant</b> VIA Consulting Services, Inc.  <b>Subconsultant</b>			<b>4. Date of Proposal</b> 11/20/2020					
<b>PART II - LABOR RELATED COSTS</b>								
5. Direct Labor	November	December	January	February	March	April	May	TOTAL
		60%			90%			
Principal		14			18			32
Senior Project Engineer		26			26			52
Project Administrator								0
Contract Support Specialist								0
Senior Inspector								0
Inspector								0
Admin		5			5			10
<b>TOTAL DIRECT LABOR</b>								<b>94</b>