



**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2026	2027	2028	2029	2030
Capital Expenditures	\$534,413	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
<b>NET FISCAL IMPACT</b>	<b>\$534,413</b>	<b>-0-</b>	<b>-0-</b>	<b>-0-</b>	<b>-0-</b>
# ADDITIONAL FTE POSITIONS (Cumulative)	-0-	-0-	-0-	-0-	-0-

Is Item Included in Current Budget? Yes  No   
 Is this item using Federal Funds? Yes  No   
 Is this item using State Funds? Yes  No

**Budget Account No:**

Fund Dept Unit Object  
 3505 361 1526 6505

**Recommended Sources of Funds/Summary of Fiscal Impact:**

Road Impact Fee Zone 5 / Yamato Rd, Lakeridge Blvd to W of Florida's Turnpike  
**Brief Description: Supplement No. 3 to a project contract**

**Supplement No. 3**

Basic Services \$416,237.13  
 Reimbursable \$ 17,913.76  
 Optional \$ 48,261.18  
**Total Supplement No. 3 \$482,412.07** *SAM*

**Estimated Staff Costs**

Roadway Production \$ 40,000.00  
 Roadway Production:Right-of-Way \$ 12,000.00  
**Total Staff Costs \$ 52,000.00**

**Fiscal Impact \$534,412.07**

**Impact Fee:** The project will widen Yamato Rd from a 4-lane road to a 6-lane road, upgrade traffic signals to mast arms at two intersections, and will close certain median openings to provide improved access management along the corridor. These improvements will provide additional roadway capacity needed to serve new development within impact Fee Zone 5. The use of Impact Fee is in Accordance with Article 13, Chapter A, Section 9 and Chapter H, Section 4 of the ULDC.

**C. Departmental Fiscal Review:** *Danay Ramlal*

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Dev. and Control Comments:**

*Lisa Mata* 4/10/2026  
 OFMB *[Signature]* 4/10/2026

*Brenda Paul* 4/8/26  
 Contract Dev. and Control 7/9/26

**B. Approved as to Form and Legal Sufficiency:**

*[Signature]* 4/9/26  
 Assistant County Attorney

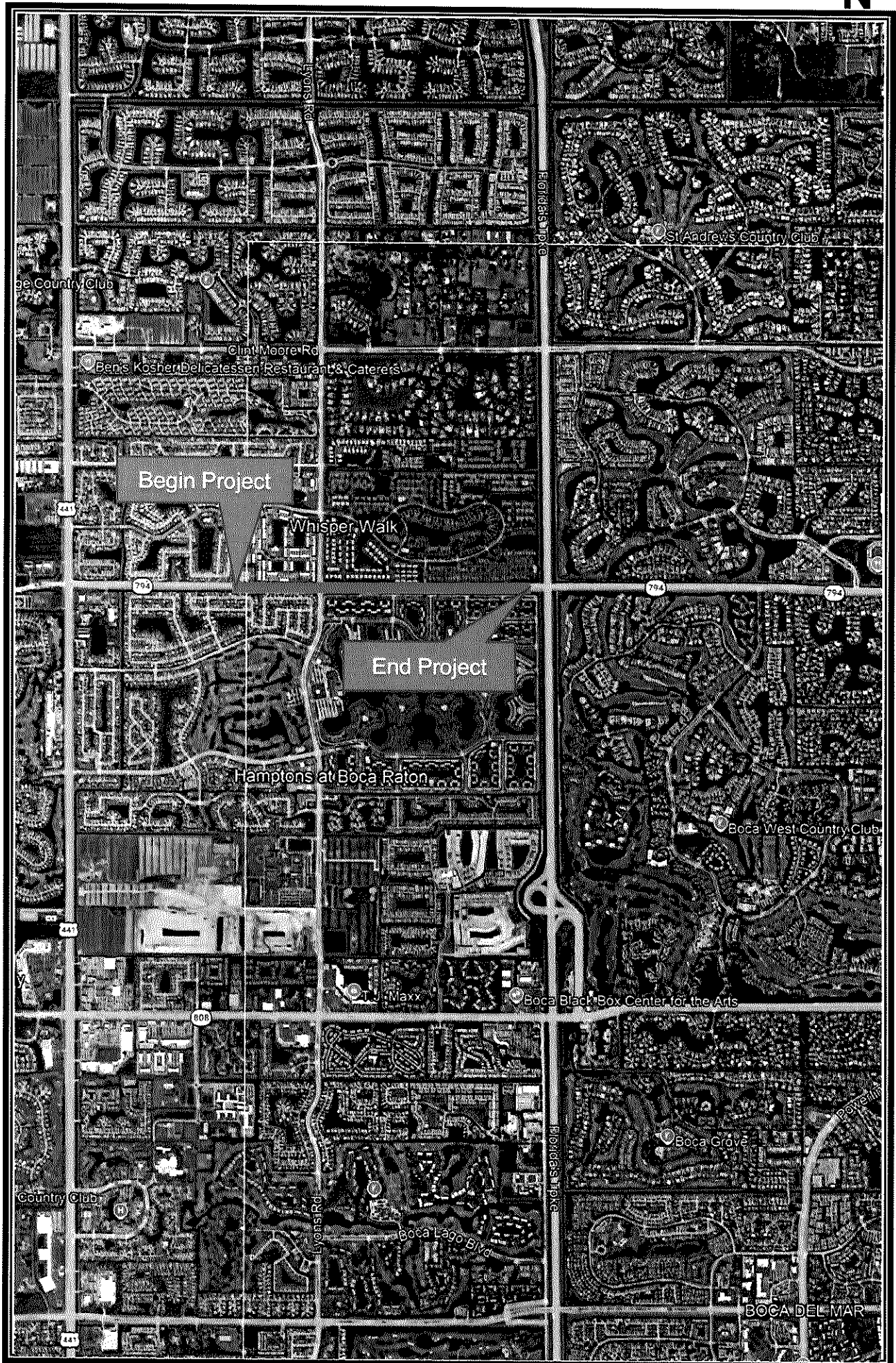
**C. Other Department Review:**

\_\_\_\_\_  
 Department Director

This summary is not to be used as a basis for payment.

Yamato Road from Lakeridge Boulevard to west of Florida's Turnpike

PROJECT NUMBER 2017518



LOCATION MAP

ATTACHMENT 1

**SUPPLEMENT NO. 3**  
**TO THE PROJECT CONTRACT**

Project Name: **Yamato Road from Lakeridge Boulevard to West of Florida's Turnpike**

Project No: **2017518**

Commission District No.: **5**

	<b>SBE</b>
Participation for this authorization	<b>1.95%</b>
Participation to date for this Contract	<b>20.89%</b>
Contract Commitment	<b>41%</b>
This authorization is under the SBE Ordinance.	

**PALM BEACH COUNTY**

**BOARD OF COUNTY COMMISSIONERS**

Account No.: **3505-361-1526-6505**

Supplement No. 3 to the Project Contract dated May 1, 2018 (R2018-0628) (CONTRACT), between the COUNTY and the CONSULTANT identified herein is for the Additional Services described in **EXHIBIT A** and **EXHIBIT B** for this Supplement.

1. CONSULTANT: **WGI, Inc.**

2. Address: **2035 Vista Parkway, West Palm Beach, FL 33411**

3. CONSULTANT shall begin work promptly on the requested Additional Services, per the schedule attached as part of **EXHIBIT A**.

4. Scope of Services to be provided by CONSULTANT: Provide professional engineering services to Palm Beach County for the Yamato Road from Lakeridge Boulevard to west of Florida's Turnpike project including updates to design and construction plans up in accordance with the attached **EXHIBIT A** dated March 5, 2026.

5. The compensation to be paid CONSULTANT for providing the requested services as detailed in **EXHIBIT B** shall be:

<input checked="" type="checkbox"/> Basic Services in a lump sum fee of	\$ 416,237.13
<input checked="" type="checkbox"/> Reimbursable Expenses capped at	\$ 17,913.76
<input checked="" type="checkbox"/> Optional Services capped at	<u>\$ 48,261.18</u>
<b>Totaling</b>	<b>\$ 482,412.07</b>

OSBD Schedules 1 & 2 **EXHIBIT C**

Project History **EXHIBIT D**

6. All terms of the CONTRACT shall apply to this Supplement.

*This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced.*

**SUPPLEMENT NO. 3**  
**TO THE PROJECT CONTRACT**

IN WITNESS WHEREOF, this Supplement is accepted as of the date signed by the COUNTY below, subject to the terms and conditions of the aforementioned CONTRACT.

CONSULTANT: **WGI, Inc.**  
Federal ID: 65-0483113

COUNTY:

Approved as to Terms and Conditions

Signed: *Kate Fontaine*

Typed Name: Kate Fontaine

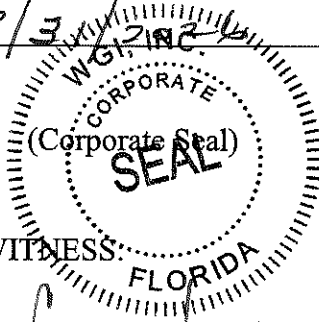
Title: Vice President, Administration

Date: 3/31/2016

By: *Morton L. Rose*

Typed Name: Morton L. Rose, P.E.

Title: Division Director



ATTEST WITNESS:

Signed: *Cyndy Little*

Typed Name: Cyndy Little

Title: Corporate Manager

Date: 3/31/16

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**SUPPLEMENT NO. 3**  
**TO THE PROJECT CONTRACT**

{SIGNATURE PAGES CONTINUED}

COUNTY: Palm Beach County, a Political  
Subdivision of the State of Florida, by and  
through its Board of County Commissioners

Signed: \_\_\_\_\_

Typed Name: Sara Baxter

Title: Mayor

Date: \_\_\_\_\_

ATTEST:

Michael A. Caruso

Clerk of the Circuit Court & Comptroller

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

Deputy Clerk

Approved as to Form and Legal Sufficiency

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

Typed Name: Yelizaveta B. Herman

Title: Assistant County Attorney

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Scope and fee OK

**DESIGN SCOPE OF SERVICES SA #2**

CB - 3/6/26

**Yamato Road  
From Lakeridge Blvd to West of Florida's Turnpike**

Palm Beach County Project Number: 2017518

March 5, 2026

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**I. DESCRIPTION**

The Yamato Road design project begins approximately 800' west of Lakeridge Boulevard intersection and extends east to the bridge over Florida's Turnpike, a distance of approximately 1.4 miles. The project consists of adding a through lane in both directions along Yamato Road within the above specified limits. This will achieve the ultimate six-lane, divided urban roadway.

**SUMMARY OF THE PROPOSED AMENDMENT**

- 1) PBC has requested a scope and fee estimate to update the previously signed and sealed construction plans for Yamato Road in order for the improvements to be incorporated as a "goes with" project with Florida's Turnpike Enterprise's mainline expansion project 417132-1-52-01, which includes the replacement of the Yamato Road bridge over the Florida's Turnpike Mainline and associated improvements to Yamato Road to the west of the Turnpike, overlapping with the current PBC design.
- 2) The PBC project design and construction plans were completed in MicroStation V8i format under PBC construction plans and design guidelines. As of the end of 2025, V8i is no longer a supported software version by Bentley Systems. In addition, FDOT is requesting the Yamato Road plans, CAD files be in the latest FDOT format to be integrated into the 417132-1-52-01 contract plans package. For both of these reasons, this scope of work details the necessary effort to bring the current CAD files and construction plans to an acceptable version of MicroStation Open Roads Designer (ORD) to be incorporated into the 417132-1-52-01 construction plans, specifications and estimate (PS&E) package being developed by FTE
- 3) Based on coordination between PBC and FTE the following items will be required to be included for the Yamato Road "off-system" improvements.
  - a. All necessary documentation required for Plans Processing as set forth in the most current version of the Florida Department of Transportation Design Manual, specifically, section 131.1.1(4) and section 131.1.1(6). Excerpts attached.
  - b. Maintenance of Traffic Plans will be required.
  - c. Utility Certifications will be required, including Utility Work Schedules.
  - d. Environmental Permitting Approvals will be required from applicable agencies.

- e. Certification of all Right-of-Way required to build the project. This includes the recorded temporary construction easements which should include a legal description of the area that was acquired.
  - f. The Construction Specifications Package will be completed by FTE's consultant for the 417132-1-52-01 project. Any technical specifications, modified FDOT special provisions, proprietary product certifications will be completed by the Consultant.
- 4) Improvements to be incorporated into the current Yamato Road design:
- a. Coordination of project overlap at the east end with 417132-1-52-01.
  - b. Update project design to the latest version of applicable design standards.

**II. SCOPE OF SERVICES - SA #2**

**PROJECT MANAGEMENT**

- 1) Coordination and Meetings with FTE and FTE's consultant for 417132-1-52-01.
- 2) Estimated Quantities Report Preparation (FDOT Activity 3.3.2).
- 3) Digital Delivery preparation and coordination (FDOT Activity 3.9).
- 4) Bidding Phase support for FTE during contract advertisement period.
- 5) Post Design Services to be included as *Optional Services*:
  - a. Participation in FTE's Pass the Torch Meeting
  - b. Participation in FTE's Preconstruction Meeting
  - c. Participation in FTE's weekly Construction Progress Meetings (as needed)
  - d. Review Shop Drawings
  - e. Field Reviews
  - f. Respond to RFI's
  - g. Plan Revisions
  - a. Final Inspection and Project Close-out

**ROADWAY ANALYSIS/PLANS**

- 2) Roadway CAD files and plans to be updated to the version of MicroStation Open Roads Design (ORD) currently being utilized but FTE's consultant for project FPID 417132-1-52-01.
- 3) Master Design File Setup & Maintenance, Model Management Plan, Horizontal/Vertical Master Design Files, 3D Modeling Development (FDOT Activities 4.10 and 4.11) - Current 100% design will be reviewed for a "plans update" and existing MicroStation V8i files will be updated to ORD (version 10.12). Proposed design geometrics will be reestablished with the appropriate ORD tools,

quantity elements will be tagged for preparation of the Estimated Quantities Report (EQR), and basic proposed templates will be modeled for cross section generation.

*Note: A reduced effort will be applied to the computed Horizontal/Vertical Master Design Files, since significant "analysis" effort for much of the prior design will not be required.*

- 4) TTCP Analysis, TTCP Master Design Files, TTCP Modeling (isolated locations) (FDOT Activity 4.12) – TTCP plans will be developed in accordance with FDOT standards and coordinated with FTE project 417132-1-52-01. Critical TTCP cross sections will be developed at key locations for all phases of construction to confirm feasibility of TTCP design.

*Note: TTCP plans were not previously developed under the current contract.*

- 5) Roadway Quantities for EQR (FDOT Activity 4.14) and Cost Estimates (FDOT Activity 4.15) – EQR reports for Roadway Quantities and TTCP quantities will be generated for the "off-system" improvements and incorporated into FTE's project-wide PS&E package. Updated Engineer's Cost Estimates will be developed for the Phase IV and PS&E submittals.
- 6) Quality Control, Supervision and Coordination (FDOT Activities 4.18,/4.19/4.22, and 5.18/5.19) – Shall be applied to total Roadway Analysis and Plans effort per FDOT staff hour and estimate guidelines.
- 7) Field Reviews and Meetings (FDOT Activities 4.20 and 4.21). Consultant shall attend meetings as required by FTE to properly coordinate with FTE's consultants and resolve comments from formal phase submittals. Consultant shall complete an initial field review to confirm existing conditions upon authorization of Notice to Proceed and complete a final field review prior to the Production Phase milestone.
- 8) The following activities related to the Roadway Plans (FDOT Activities 5.1 through 5.17) development shall be completed per FDOT Plans Development standards and guidelines. A reduced effort shall be applied for sheets that only require upgrading file format and plans to ORD 10.12, and converting to FDOT plans formatting.
  - a. Key Sheet – New sheet in FDOT format
  - b. Signature Sheet – New sheet in FDOT format
  - c. Typical Section Sheets – Upgrade only
  - d. General Notes and Pay Items – New sheet, review applicable notes comply with FDOT PS&E requirements
  - e. Project Layout – Upgrade only
  - f. Plan Sheets – Recreation of sheets in FDOT Plans formatting
  - g. Profile Sheets – Recreation of sheets in FDOT Plans formatting
  - h. Intersection Details – Recreation of sheets in FDOT Plans formatting
  - i. Cross Sections – Recreation of sheets from newly created 3D Model
  - j. Temporary Traffic Control Plans – New sheets
  - k. Utility Adjustments and Utility Verification Data – Upgrade only

**DRAINAGE ANALYSIS/PLANS**

- 1) Design of Storm Drains (FDOT Activity 6a. 14) – Current 100% design will be reviewed for a “plans update” and existing MicroStation V8i files will be updated to ORD (version 10.12). Proposed storm drain design will be reestablished with the appropriate ORD tools, quantity elements will be tagged for preparation of the Estimated Quantities Report (EQR), and basic proposed templates will be modeled for cross section generation.  
*Note: A reduced effort will be applied to the computed Design of storm drains, since significant “analysis” effort for much of the prior design will not be required.*
- 2) Stormwater Runoff Control Concept (FDOT 6a.19) – Erosion control design linework and plans to be upgraded to ORD.
- 3) Drainage Design Documentation Report (6a.21) – Drainage report to be updated based on any project changes prior to resubmission to the SFWMD and/or LWDD as part of the permit package resubmittals.
- 4) Drainage Quantities for EQR (FDOT Activity 6a.22) and Cost Estimates (FDOT Activity 6a.23) – EQR reports for Drainage quantities will be generated for the “off-system” improvements and incorporated into FTE’s project-wide PS&E package. Updated Engineer’s Cost Estimates will be developed for the Phase IV and PS&E submittals.
- 5) Quality Control, Supervision and Coordination (FDOT Activities 6a.25/6a.26/6a.29, and 6b.6/6b.7) – Shall be applied to total Drainage Analysis and Plans effort per FDOT staff hour and estimate guidelines.
- 6) The following activities related to the Drainage Plans (FDOT Activities 6b.1 through 6b.5) development shall be completed per FDOT Plans Development standards and guidelines. A reduced effort shall be applied for sheets that only require upgrading file format and plans to ORD 10.12, and converting to FDOT plans formatting.
  - a. Drainage Map – Recreation of sheets in FDOT Plans formatting
  - b. Drainage Structures – Recreation of sheets in FDOT Plans formatting
  - c. Drainage Structures Details – Upgrade only

**UTILITY COORDINATION**

- 1) Additional utility coordination (FDOT Activities 7.1 through 7.17) is required to complete FDOT’s required Utility Certification milestone. Necessary coordination will include an initial distribution to UAO’s upon authorization of notice to proceed to verify existing facilities and one follow-up distribution at Phase IV to confirm disposition of existing utilities and coordinate adjustments/utility work schedules as required.
- 2) Consultant to complete necessary Utility Certification documents associated with “off-system” improvements for FDOT’s Contract Package.

**ENVIRONMENTAL SERVICES**

- 1) Consultant to complete necessary permit coordination and submittals to obtain new stormwater management, environmental and drainage permits from SFWMD and LWDD.

**SIGNING AND PAVEMENT MARKINGS AND SIGNAL ANALYSIS/PLANS**

- 1) Signing and Pavement Marking Master Design File (FDOT Activity 19.3) and Master Signalization Design File (FDOT Activity 21.5) – Current 100% design will be reviewed for a “plans update” and existing MicroStation V8i files will be updated to ORD (version 10.12). Proposed S&PM and signalization design will be reestablished with the appropriate ORD tools, quantity elements will be tagged for preparation of the Estimated Quantities Report (EQR), and basic proposed templates will be modeled for cross section generation.

*Note: A reduced effort will be applied to the computed Design of S&PM and signals, since significant “analysis” effort for much of the prior design will not be required.*

- 2) S&PM and Signalization Quantities for EQR (FDOT Activity 19.7 and 21.10) and Cost Estimates (FDOT Activity 6a.23) – EQR reports for S&PM and signalization quantities will be generated for these “off-system” improvements and incorporated into FTE’s project-wide PS&E package. Updated Engineer’s Cost Estimates will be developed for the Phase IV and PS&E submittals.
- 3) Field Reviews and Meetings (FDOT Activities 19.11/19.12 and 21.14/21.15). Consultant shall attend meetings as required of FTE to properly coordinate with FTE’s consultants and resolve comments from formal phase submittals. Consultant shall complete an initial field review to confirm existing conditions upon authorization of Notice to Proceed and complete a final filed review prior to the Production Phase milestone.
- 4) Quality Control, Supervision and Coordination (FDOT Activities 19.11/19.13/19.16/20.9/20.10 and 21.1/21.18/21.19/22.13/22.14) – Shall be applied to total S&PM and Signals Analysis and Plans effort per FDOT staff hour and estimate guidelines.
- 5) The following activities related to the S&PM and Signalization Plans (FDOT Activities 20.1 through 20.8, and 22.1 through 22.12) development shall be completed per FDOT Plans Development standards and guidelines. A reduced effort shall be applied for sheets that only require upgrading file format and plans to ORD 10.12, and converting to FDOT plans formatting.
  - a. Key Sheet(s) – New sheet in FDOT format
  - b. Signature Sheet(s) – New sheet in FDOT format
  - c. General Notes and Pay Items – New sheet, review applicable notes comply with FDOT PS&E requirements
  - d. Plan Sheets – Recreation of sheets in FDOT Plans formatting

- e. Guide Sign Worksheets and Multi-post Sign Cross Sections – Recreation of sheets in FDOT Plans formatting
- f. Standard Mast Arm Tabulation, Mast Arm Data Table, Guide Sign Worksheets – Recreation of sheets in FDOT Plans formatting

**DESIGN SURVEY**

- 1) Topographic survey and digital terrain models will be updated to the current version of ORD (version 10.12).
- 2) Supplemental survey for areas that many have been altered since 2018/2019 when the last survey updates had been completed.
- 3) Update survey reference points and geotechnical boring sheets to current FDOT format.
- 4) See attached scope and fee proposal from Brown & Phillips, Inc.

**PROJECT SCHEDULE**

The Consultant will complete the above tasks according to the FTE current project schedule:

Submit Phase IV .....	09-02-2026
Submit S&S PS&E Package.....	10-08-2026
Production.....	11-13-2026
Ad Date.....	12-11-2026
Letting.....	02-16-2027

Estimate of Work Effort and Cost

Name of Project: Yamato Road From Lakeridge Blvd to W. Florida's Turnpike	Consultant Name: WGI, Inc.
PBC Project Number: 2017518	Consultant Project Number: 2615.00
Date: 3/05/2026	

Task Description	Total Staff Hours	Staff Categories						Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task
		Project Manager	Senior Engineer I	Engineer I	Engineer Intern	Senior Utility Coordinator	Senior Environmental Scientist			
		\$70.94	\$85.33	\$35.79	\$44.34	\$59.69	\$33.45			
<b>BASIC SERVICES</b>										
3 Project Common and Project General Tasks	205.0	94.0	34.0	54.0	23.0	0.0	0.0	205.0	\$13,602.06	\$ 66.35
4 Roadway Analysis	1009.0	101.0	152.0	404.0	352.0	0.0	0.0	1009.0	\$58,281.94	\$ 57.76
5 Roadway Plans	386.0	19.0	39.0	135.0	193.0	0.0	0.0	386.0	\$20,765.00	\$ 53.80
6a Drainage Analysis	141.0	14.0	21.0	56.0	50.0	0.0	0.0	141.0	\$8,126.33	\$ 57.63
6b Drainage Plans	114.0	6.0	11.0	40.0	57.0	0.0	0.0	114.0	\$6,123.25	\$ 53.71
7 Utilities (Utility Coordination)	136.0	8.0	0.0	16.0	0.0	112.0	0.0	136.0	\$8,145.44	\$ 59.89
8 Environmental Permits, and Env. Clearances	68.0	8.0	8.0	18.0	0.0	0.0	34.0	68.0	\$4,071.68	\$ 59.88
19 S&PM Analysis	150.0	15.0	23.0	60.0	52.0	0.0	0.0	150.0	\$8,679.77	\$ 57.87
20 S&PM Plans	75.0	4.0	8.0	26.0	37.0	0.0	0.0	75.0	\$4,057.52	\$ 54.10
21 Signalization Analysis	85.0	9.0	13.0	34.0	29.0	0.0	0.0	85.0	\$4,930.47	\$ 58.01
22 Signalization Plans	36.0	2.0	4.0	13.0	17.0	0.0	0.0	36.0	\$1,962.25	\$ 54.51
<b>Total Staff Hours (Basic Services)</b>	<b>2405.0</b>	<b>280.0</b>	<b>313.0</b>	<b>856.0</b>	<b>810.0</b>	<b>112.0</b>	<b>34.0</b>	<b>2405.0</b>		
<b>Total Staff Cost (Basic Services)</b>		<b>\$19,863.20</b>	<b>\$26,708.29</b>	<b>\$47,756.24</b>	<b>\$35,915.40</b>	<b>\$6,685.28</b>	<b>\$1,817.30</b>		<b>\$138,745.71</b>	<b>\$ 57.69</b>
<b>OPTIONAL SERVICES</b>										
3a Post Design Services	244.0	108.0	40.0	66.0	30.0	0.0	0.0	244.0	\$16,087.06	\$ 65.93
<b>Total Staff Hours (Optional Services)</b>	<b>244.0</b>	<b>108.0</b>	<b>40.0</b>	<b>66.0</b>	<b>30.0</b>	<b>0.0</b>	<b>0.0</b>	<b>244.0</b>		
<b>Total Staff Cost (Optional Services)</b>		<b>\$7,661.52</b>	<b>\$3,413.20</b>	<b>\$3,682.14</b>	<b>\$1,330.20</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$16,087.06</b>	<b>\$ 65.93</b>

EEO SBE Calculation for this Fee Summary		SBE \$	Non-SBE \$
Prime			\$472,998.31
Brown & Phillips, Inc.	\$9,413.76		
Subconsultant 2			
Subconsultant 3			
Subconsultant 4			
Subconsultant 5			
<b>Totals \$</b>	<b>9,413.76</b>	<b>\$</b>	<b>472,998.31</b>

SBE % Achieved 1.95%  
SBE % Committed 41.00%

Note: The original contract commitment of 41% was made in 2017. Since the time the Final Plans were signed and sealed, and provided to the County in April of 2022, our only other 'engineering services' subconsultant was acquired by a non-SBE entity. In addition, due to the nature of this assignment being resumed in 2026, the scope of services requires limited survey and geotechnical services. In the original commitment, survey and geotechnical services constituted 10% and 13%, respectively, of the original contract commitment. Based on the unique nature of the scope of services and the very time sensitive schedule to complete the required Amendment's scope of services, WGI requests a waiver from meeting the original 2017 contract commitment moving forward with this Amendment.

Basic Services:	
Salary Related Costs:	\$138,745.71
Contract Multiplier	3.00
<b>Subtotal Basic Services (Prime Firm):</b>	<b>\$416,237.13</b>
Basic Services (Subconsultant 1) - N/A	\$0.00
Basic Services (Subconsultant 2) - N/A	\$0.00
<b>Subtotal Basic Services (Subconsultants)</b>	<b>\$0.00</b>
<b>Basic Services Total:</b>	<b>\$416,237.13</b>

Reimbursables:	
Prime Consultant	\$0.00
Brown & Phillips, Inc. (Subconsultant 1)	\$9,413.76
Permit Fees	\$8,300.00
Printing	\$0.00
<b>Reimbursables Total:</b>	<b>\$17,913.76</b>

Optional Services:	
Prime Consultant (Unloaded)	\$16,087.06
Contract Multiplier	3.00
Prime Consultant (Loaded)	\$48,261.18
Subconsultant 1	\$0.00
Sketch and Legal Descriptions (Survey Firm)	\$0.00
<b>Optional Services Total:</b>	<b>\$48,261.18</b>

**Grand Total Estimated Fees: \$482,412.07**

Project Activity 3: General Tasks

Estimator:						Yamato Road from Lakeridge Blvd to W. of Florida's Turnpike PBC# 201751B	
Representing		Print Name			Signature / Date		
FDOT District							
Consultant Name							
<b>NOTE: Signature Block is optional, per District preference</b>							
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		
3.1.2	Notifications	LS	1	0	0		
3.1.3	Preparing Mailing Lists	LS	1	0	0		
3.1.4	Median Modification Letters	LS	1	0	0		
3.1.5	Driveway Modification Letters	LS	1	0	0		
3.1.6	Newsletters	LS	1	0	0		
3.1.7	Renderings and Fly Throughs	LS	1	0	0		
3.1.8	PowerPoint Presentation	LS	1	0	0		
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>		

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.2	Joint Project Agreements	EA	0	0	0	
3.3	Specifications & Estimates					
3.3.1	Specifications Package Preparation	LS	1	0	0	
3.3.2	Estimated Quantities Report Preparation	Report	1	Calculated Hours	22	
		Components	3	22		
3.4	Contract Maintenance and Project Documentation	LS	1	0	0	
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	
3.6	Prime Consultant Project Manager Meetings	LS	1	0	0	See listing below
3.7	Plans Update	LS	1	0	0	
3.8	Post Design Services	LS	1	0	0	See the separate FTE standard post design services template on Tab 3A
3.9	Digital Delivery	LS	1	9	9	
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	174	PM Coordination with KHA and FTE for 12 months = 12 x 12 months = 144 hrs Support FTE during advertisement for 3 months = 10 hrs x 3 months = 30 hrs
<b>3. Project Common and Project General Tasks Total</b>					<b>205</b>	

Estimator:

Yamato Road - Post Design Services  
452111-1-62-40

3A. Post Design Services

Representing	Print Name			Signature / Date	
WGI Inc.					
<b>NOTE: Signature Block is optional, per District preference</b>					
Activity	Units	No of Units	Hours / Unit	Total Hours	Comments
Pass the Torch Meeting	EA	1	12	12	Teleconference - 2 People (PM plus + 1 staff) x 2 hrs (mtg) 4 hr prep + 4 hr notes <b>Total = 12 hrs</b>
Preconstruction Meeting	EA	1	12	12	In Person - 2 People (PM plus other staff) x 4 hrs (mtg & travel) Teleconference - 2 People (PM plus other staff) x 2 hrs (mtg) <b>Total = 12 hrs</b>
Weekly Construction Progress Meetings	EA	1	40	40	One Person (attendance as needed, assume 40 meetings over the life of the construction contract). 1 hr/meeting. <b>Total = 40 hrs</b>
Partnering	EA	1	0	0	
Field Survey	LS	1	0	0	N/A
Review Cost Savings Initiatives (CSIs); Repair Procedures	LS	0	0	0	N/A
Review Shop Drawings	EA	1	48	48	Assume 12 shop drawing packages @ 4 hrs/each
Field Reviews	EA	1	16	16	2 reviews during construction x 2 people @ 4 hrs/review, incl travel
Respond to RFI's	EA	1	36	36	12 RFI's @ 3 hrs/RFI = 36 hrs Minor projects: 0 to 30 RFI's; Major projects: 31 to 80 RFI's
Plan Revisions/KMZ Files	EA	1	40	40	2 Revisions x 20 hrs/revision
Structural Welding Inventory	LS	0	0	0	N/A
Bridge load rating update; and Closeout Activities	LS	0	0	0	N/A
Final Inspection	EA	1	40	40	3 People (PM plus EORs) x 4 hrs (mtg & travel) + follow up hrs (4 to 8 hrs)
Coordinate with Other Agencies	LS	0	0	0	Case by case basis
<b>Post Design Services Tasks Total</b>				<b>244</b>	

Contract		Project Name		Project Hours		Signature / Date		
Representative		FDOT District		4. Roadway Analysis Staff Hours				
Contract Name		Contract Name		Contract Name		Contract Name		
Contract No.		Contract No.		Contract No.		Contract No.		
Task No.	Task	Project Description		Staff Hours		Comments	Distribution	
		Assignment	Complexity	Department	Negotiated			
Mile in this column indicates complexity? (See Footnote 1)								
Mile in this column indicates complexity? (See Footnote 1)								
4.1	Typical Section Package	Cover	0	D	0	0	0	No change to originally approved P&E Typical Section Package
		Typical	0	2-Lane FS	0	0	0	N/A
		Typical	0	2-Lane O & High-Lane FS	0	0	0	N/A
		Typical	0	LA W/ Barrier & High-Lane C	0	0	0	N/A
4.2	Preventive Type Schedule Report	Report	0	D	0	0	0	N/A
		Report & Assembly	0	Mid	0	0	0	N/A
4.3	Prevention Design Package	Pre Design	0	Typical/Low	0	0	0	N/A
		Pre Design	0	Clear Road & Shoulders	0	0	0	N/A
		2-Steps	0.00	Unimodal	0	0	0	N/A
		3-Steps	0.00	Unimodal	0	0	0	N/A
		4-Steps	0.00	Unimodal	0	0	0	N/A
		Concepts for Construction	0	Roadway	0	0	0	N/A
4.4	Cross-Section Analysis (Down and Accidents)	Analysis	0	D	0	0	0	N/A
		Assessment	0	D	0	0	0	N/A
4.5	Safety Analysis	Crash Analysis	0	D	0	0	0	N/A
		Motorist Educ. Programs	0	Mid	0	0	0	N/A
4.6	Design Analysis	Management	0.00	Mid	0	0	0	N/A
		Roundabout	0	T1	0	0	0	N/A
		Roundabout	0	Roundabout	0	0	0	N/A
		Roundabout	0	T2	0	0	0	N/A
		Roundabout	0	Roundabout	0	0	0	N/A
4.7	Operational Analysis	Roundabout	0	D	0	0	0	N/A
		Roundabout	0	D	0	0	0	N/A
4.8	Design Reports	RBR	1	Standards	80	0	80	Update Engineering report for other cities in staff portfolio
		Other Reports	0	D	0	0	0	N/A
		Median Memo	0	D	0	0	0	N/A
4.9	Design Variations and Exceptions	Former Design	0	D	0	0	0	N/A
		Design	0	D	0	0	0	N/A
		Design	0	D	0	0	0	N/A
4.10	Master Design File Setup & Maintenance, Model Management Plan	LS	1	Mid	40	0	40	Review and confirmation of previous roadway analysis. Update analysis for current standards. Update format from B04 to ORD convention. Includes logs for format and EQ (quantity compilation). Applied 60% reduction in effort since analysis element of this activity has been completed, except for minor updates.
		Mathfile	1.20	Mid	250	0	250	Update Engineering report for other cities in staff portfolio
		Site Road & Bridge	0.10	Mid	22	0	22	Update Engineering report for other cities in staff portfolio
		Frontage Road	0.00	Mid	0	0	0	N/A
		Medians	1.20	Mid	120	0	120	3D Modeling Development required for Cross-Section verification and quality compilation through EQ report. 120 hrs for multiple development. 3 approved iterations @ 40 hrs (10hrs = 240 hrs)
		Side Road & Right-of-Way	0.10	Mid	11	0	11	Update Engineering report for other cities in staff portfolio
		Frontage Road	0.00	Mid	0	0	0	N/A
		AVG Files	0	Mid	0	0	0	N/A
4.11	3D Modeling Development	LS	1	Mid	40	0	40	3 phases (On average) per total length of project (Format + Update) (1.5 miles x 3 phases) = 4.5 miles
		Length (Phase-Mile)	3.50	Mid	125	0	125	3 phases (On average) per total length of project (Format + Update) (1.5 miles x 3 phases) = 4.5 miles
		Location	1	Standard	30	0	30	3 phases (On average) per total length of project (Format + Update) (1.5 miles x 3 phases) = 4.5 miles
4.12	TDP Master Design Files	Locations	8	Mid	40	0	40	Critical TDP areas sections at 0 locations.
		Length (Miles)	1.31	Mid	12	0	12	Update other drawings and documentation
		Inventory	6	Mid	19	0	19	Update other drawings and documentation
		Validation	1	Mid	0	0	0	N/A
4.13	Utility Data Collection & Analysis	Major Phases	3	Standard	40	0	40	3 phases per previous production plans
		Engineer Estimate	3	Mid	24	0	24	Phase IV and Production
		LRE Updates	0	Mid	0	0	0	No LRE updates
4.14	Ready-to-Construct for EQ Report	TSP & MPA	3	Mid	10	0	10	Complete necessary TSP's or MPA's, and PRC.
		Other Analysis	0	D	0	0	0	N/A
4.15	TDP Quantities for EQ Report	Quantity	1	5%	45	0	45	0
		Quantity	1	5%	45	0	45	0
4.16	Technical or Material Specifications	Meeting	8	Mid	12	0	12	0
		Trans Time	1	Mid	9	0	9	0
4.17	Other Roadway Tasks	LS	1	Mid	12	0	12	0
		LS	1	Mid	12	0	12	0
4.18	Quality Assurance/Quality Control	LS	1	5%	45	0	45	0
		LS	1	5%	45	0	45	0
4.19	Supervision	Meeting	8	Mid	12	0	12	0
		Trans Time	1	Mid	9	0	9	0
4.20	Roadway Meetings (Road Below)	LS	1	Mid	12	0	12	0
4.21	Final Review (Road Below)	LS	1	Mid	12	0	12	0
4.22	Coordination	LS	1	3%	31	0	31	0
		LS	1	3%	31	0	31	0
		4. Roadway Analysis Total		1647		1647		0

5. Roadway Plans Staff Hours										
Representing		Project Name		Project Hours		Budgeted		Actual		
FDOT District		FDOT District		FDOT District		FDOT District		FDOT District		
Consultant Name										
CDTE Agency/Project/Phase/Design/Drawings										
Task No.	Task	Description	Units	Complexity	Category	Completed	Department	Consultant	Budgeted	
What is the overall project complexity? (See Frequency Distribution) B-C-G										
5.1	Key Sheet Signature Sheet		1			4			0	New FDOT KeySheet
			1			2			0	New FDOT Signature Sheet
5.2	Typical Station Sheets	Typical Station w/ C&G Sections w/ C&G	7			28		14	0	50% effort to convert to ORD and minor updates as necessary.
		Partial Sections	0			0		0	0	
5.3	Cross Slope Computation Tables	Standard	1			3		1	0	50% effort to convert to ORD and minor updates as necessary.
5.4	General Notes/Plan Notes	Standard	1			0		0	0	
5.5	Project Layout/Block Management		1			0		0	0	
5.6	Plan View (Plan Sheets)	Length (Miles)	1.10	Blk		24		24	0	Create new plan sheets and labels
		Interchange	0			0		0	0	
		Roundabout	0			0		0	0	
5.7	Profile View (Plan/Profile Sheets)	Length (Miles)	0.62	Flush Sheets		0		0	0	
		Length (Miles)	1.30	Cutback		20		20	0	Create new profile sheets and labels
5.8	Spreads Profile	Chimney	1			0		0	0	
		Intersection	2			0		0	0	
		Length (Miles)	0.60	Standard		0		0	0	
5.10	Interchange Layout Sheet	Interchange	0	Standard Computer 24 Locks		0		0	0	
5.11	Details	Temp Terminal Intersection	3			26		26	0	Create new plan sheets and labels
		Approach	0			0		0	0	
5.12	Roll-Over Sheets		0			0		0	0	
5.13	Cross Sections	Alignments	1			4		4	0	
		TTC Notes	1			4		4	0	
5.14	Temporary Traffic Control Plan	Length (Miles)	3.11	Blk		82		82	0	
		Control Cross	6			24		24	0	
		TTC Details	0			0		0	0	
5.15	Utility Adjustment Sheets	Length (Miles)	1.30	Flush		13		13	0	Create new plan sheets and labels (Test Job Location Sheets)
5.16	Project Control Sheets		1			4		4	0	
5.17	IRIS Verification Data (RIS)		1			4		4	0	
Pottery Plans Technique Hour Manager						200		200	0	
%						1		5%	15	0
%						1		5%	15	0
Roadway Phase Total						318		318	0	

Employee		SA Drainage Analysis Staff Hours				Project Name		Project Phase		Staff Hours		Document Title		
Responsibility	FCOT District	Task	Description	Units	Complexity	Calculated	Department	Completed	Regulated	Provides documentation when regulated hours differ from the unregulated hours	Regulator / Date			
NOTES: Significant hours are indicated by a shaded cell.														
SA.1	Base Clearance Analysis	0	0	0	0	0	0	0	0	0				
SA.2	Hydropeaking Analysis	0	0	0	0	0	0	0	0	0				
SA.3	Existing Permit Analysis	0	0	0	0	0	0	0	0	0				
SA.4	Utility Conflict Matrix (for drainage structures)	0	0	0	0	0	0	0	0	0				
SA.5	House Boiler Drainage Analysis	0.00	0	0	0	0	0	0	0	0				
SA.6	Temporary Drainage Analysis	0	0	0	0	0	0	0	0	0				
SA.7	Final Billing Analysis and Report	0	0	0	0	0	0	0	0	0				
SA.8	Analysis of Pipe Video Inspection Report	0	0	0	0	0	0	0	0	0				
SA.9	Bridge Hydraulic Report (Chain Crossing or Ped Bridge)	0	0	0	0	0	0	0	0	0				
SA.10	Bridge Hydraulic Report (Main Bridge, Non-Tilt)	0	0	0	0	0	0	0	0	0				
SA.11	Design of Ditches and Side Ditches	0	0	0	0	0	0	0	0	0				
SA.12	Design of Storm Drains	0	0	0	0	0	0	0	0	0				
SA.13	Design of Floodplain Compensation	0	0	0	0	0	0	0	0	0				
SA.14	Design of Storm Drains	0	0	0	0	0	0	0	0	0				
SA.15	Optional Culvert Material	0	0	0	0	0	0	0	0	0				
SA.16	Design of Trench Drains	0	0	0	0	0	0	0	0	0				
SA.17	Design of French Drain Systems	0	0	0	0	0	0	0	0	0				
SA.18	Embayment of Existing French Drain Systems	0	0	0	0	0	0	0	0	0				
SA.19	Design of Drainage Weirs	0	0	0	0	0	0	0	0	0				
SA.20	Stormwater Runoff Control Concept	0	0	0	0	0	0	0	0	0				
SA.21	Drainage Design Documentation Report	0	0	0	0	0	0	0	0	0				
SA.22	Drainage Quantities for EC Report	0	0	0	0	0	0	0	0	0				
SA.23	Cost Estimate	0	0	0	0	0	0	0	0	0				
SA.24	Technical or Related Special Provisions	0	0	0	0	0	0	0	0	0				
SA.25	Quality Assurance/Quality Control	0	0	0	0	0	0	0	0	0				
SA.26	Supervision	0	0	0	0	0	0	0	0	0				
SA.27	Drainage Meetings (Based below)	0	0	0	0	0	0	0	0	0				
SA.28	Field Review (Based below)	0	0	0	0	0	0	0	0	0				
SA.29	Coordination	0	0	0	0	0	0	0	0	0				
Drainage Analysis Totals											273	0	50	0

6b. Drainage Plans

Estimator:		6b. Drainage Plans Staff Hours							Yamato Road from Lakeridge Blvd to W. of Florida's Turnpike PBC# 2017518	
Representing		Print Name					Signature / Date			
FDOT District										
Consultant Name										
<b>NOTE: Signature Blocks optional, per District preference</b>										
Task No.	Task	Project Parameter			Staff Hours				Documentation Provide documentation when negotiated hours differ from the calculated hours.	
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated		
6b.1	Drainage Map (Including Interchanges)	Length (Miles)	1.30	Standard	32	0	32	0	Create new sheets and labels for ORD.	
6b.2	Bridge Hydraulics Recommendation Sheets	Bridges	0		0	0	0	0		
6b.3	Drainage Structures	Drainage Structures	62		64	0	64	0	Create new sheets and labels for ORD.	
		Details	2		6	0	6	0	Create new sheets and labels for ORD.	
6b.4	Lateral Ditches	Ditches	0	Standard	0	0	0	0		
			0	Complex	0	0	0	0		
		Cross Section Alignments	0		0	0	0	0		
6b.5	Retention/Detention/Floodplain Compensation Ponds	Ponds	0	Standard	0	0	0	0		
			0	Complex	0	0	0	0		
		Cross Section Alignments	0		0	0	0	0		
<b>Drainage Plans Technical Subtotal</b>					<b>102</b>	<b>0</b>	<b>102</b>	<b>0</b>		
6b.6	Quality Assurance/Quality Control	%	1	5%	6	0	6	0		
6b.7	Supervision	%	1	5%	6	0	6	0		
<b>Drainage Plans Total</b>					<b>114</b>	<b>0</b>	<b>114</b>	<b>0</b>		

Project Activity 7: Utilities

Estimator:

Yamato Road from Lakeridge Blvd to W. of Florida's Turnpike  
PBC# 2017518

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

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

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7.1	Utility Kickoff Meeting	LS	1	0	0	N/A
7.2	Identify Existing Utility Agency Owner(s)	LS	1	10	10	Assume 10 UAO's identified previously
7.3	Make Utility Contacts	LS	1	30	30	2 Additional Utility Contacts x 1.5 hours each
7.4	Exception Processing	LS	1	0	0	
7.5	Preliminary Utility Meeting	LS	1	3	3	Meeting is listed below
7.6	Individual/Field Meetings	LS	1	8	8	Meetings are listed below
7.7	Collect and Review Plans and Data from UAO(s)	LS	1	20	20	10 UAO's at 2 hrs
7.8	Subordination of Easements Coordination	LS	1	0	0	
7.9	Utility Design Meeting	LS	1	0	0	Meeting is listed below
7.10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	1	30	30	10 UAO's at 3 hrs
7.11	Utility Coordination/Followup	LS	1	20	20	10 UAO's at 2 hrs
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	15	15	10 UAO's at 1.5 hrs
7.17	Other Utilities	LS	1	0	0	

Project Activity 7: Utilities

Technical Meetings		Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff (see 7.1)		EA	0	0	0			0
Preliminary Meeting (see 7.5)		EA	0	0	0			0
Individual UAO Meetings (see 7.6)		EA	0	0	0			0
Field Meetings (see 7.6)		EA	0	0	0			0
Design Meeting (see 7.9)		EA	0	0	0			0
Other Meetings (this is automatically added into Utilities Total (cell F27))		EA	0	0	0			0
<b>Total Meetings</b>					<b>0</b>	<b>Total Project Manager Meetings (carries to Tab 3)</b>		<b>0</b>

7. Utilities Total 136

Line Item	Description	Quantity	Unit Price	Total Price	Notes
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Printed on: 2023/08/22 10:00:00

Project Activity 19: Signing and Pavement Marking Analysis

Estimator:

Yamato Road from Lakeridge Blvd to W. of Florida's Turnpike

PBC# 2017518

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/Units	Total Hours	Comments
19.1	Traffic Data Analysis	LS	1	0	0	
19.2	No Passing Zone Study	LS	1	0	0	
19.3	Signing and Pavement Marking Master Design File	LS	1	79	79	40 + 90hrs/mi reduced hrs by 50% since analysis to determine design is already completed $((40+90*1.3)*0.50) = 79$
19.4	Multi-Post Sign Support Calculations	EA	1	5	5	update calculations to latest standards
19.5	Sign Panel Design Analysis	EA	1	3	3	update sign panel designs to ORD
19.6	Sign Lighting/Electrical Calculations	EA	1	0	0	
19.7	S&PM Quantities for EQ Report	Length (Miles)	1.30	Calculated Hours	32	
		Complexity	Mid Range			
		Interchanges Rest Areas	0			
19.8	Cost Estimate	LS	1	8	8	
19.9	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
19.10	Other Signing and Pavement Marking	LS	1	0	0	
<b>Signing and Pavement Marking Analysis Technical Subtotal</b>					<b>117</b>	
19.11	Field Reviews	LS	1	9	9	0.5 for travel 4 hrs for review 2 staff $(0.5+4)*2=9$
19.12	Technical Meetings	LS	1	8	8	Meetings are listed below
19.13	Quality Assurance/Quality Control	LS	%	5%	6	
19.14	Independent Peer Review	LS	%	0%	0	
19.15	Supervision	LS	%	5%	6	
<b>Signing and Pavement Marking Analysis Nontechnical Subtotal</b>					<b>29</b>	
19.16	Coordination	LS	%	3%	4	
<b>19. Signing and Pavement Marking Analysis Total</b>					<b>160</b>	

Contract		20. Signing and Pavement Marking Plans Staff Hours				Project Name		Milestones / Date	
Representing FOOT DRIVE		Consulient Name							
NOTE: Signing Block is optional per District preference									
Task No.	Task	Project Parameters			Staff Hours			Documentation	Provide documentation when requested hourly effort from the calculation hours.
		Description	Units	Complexity	Calculate	Department	Consultant		
20.1	Key Sheet		1		4	0	4	0	
	Signature Sheet		1		2	0	2	0	
20.2	Current Inventory Item Notes		1	Review	6	0	6	0	
20.3	Project Layout		0		0	0	0	0	
	Length (Miles)	1.35		Sign	28	0	28	0	
	City Sections (Mile Sheet 200)	7			6	2	4	0	
	Interchange Roundabout	0			0	0	0	0	
	Real Area Total Points	0			0	0	0	0	
	Details	0		Simple	0	0	0	0	
		0		Standard	0	0	0	0	
		0		Complex	0	0	0	0	
20.8	Service Point Details		0	Simple	0	0	0	0	
			0	Standard	0	0	0	0	
20.7	Cable Sign Dets		3		8	0	8	0	
	Multi-post Signs		5		15	0	15	0	
20.8	Cross Sections (Sign Installations)		0	Standard	0	0	0	0	
	Overhead Sign Structures		0	Complex	0	0	0	0	
		SUMMARY: Project Technical Hours Submitted			82	0	82	0	
20.9	Quality Assessment/Quality Control	%	1	3%	4	0	4	0	
20.10	Regulation	%	1	0%	4	0	4	0	
		SUMMARY: Project Total			78	0	78	0	

**Project Activity 21: Signalization Analysis**

Estimator:

Yamato Road from Lakeridge Blvd to W. of Florida's Turnpike  
PBC# 2017518

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

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

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
21.1	Traffic Data Collection	LS	1	0	0	N/A
21.2	Traffic Data Analysis	PI	0	0	0	N/A
21.3	Signal Warrant Study	LS	1	0	0	N/A
21.4	System Timings	LS	1	0	0	N/A
21.5	Reference and Master Signalization Design File	PI	3	10	30	40hrs per intersection reduced by 75% since analysis to determine design is already completed.
21.6	Reference and Master Interconnect Communication Design File	LS	1	0	0	N/A
21.7	Overhead Street Name Sign Design	EA	10	0.5	5	2 hrs/sign reduced by 75% since analysis to determine design is already completed.
21.8	Pole Elevation Analysis	LS	1	0	0	N/A
21.9	Traffic Signal Operation Report	LS	1	0	0	N/A
21.10	Signalization Quantities for EQ Report	Signalized Intersections	3	Calculated Hours 26	26	
21.11	Cost Estimate	LS	1	6	6	
21.12	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	N/A
21.13	Other Signalization Analysis	LS	1	0	0	N/A
<b>Signalization Analysis Technical Subtotal</b>					<b>69</b>	
21.14	Field Reviews	LS	1	4	4	
21.15	Technical Meetings	LS	1	4	4	Meetings are listed below
21.16	Quality Assurance/Quality Control	LS	%	5%	3	
21.17	Independent Peer Review	LS	%	0%	0	
21.18	Supervision	LS	%	5%	3	
<b>Signalization Analysis Nontechnical Subtotal</b>					<b>14</b>	
21.19	Coordination	LS	%	3%	2	
<b>21. Signalization Analysis Total</b>					<b>85</b>	

22. Signalization Plans Staff Hours									
Representing		PRF Name		PRF Name		PRF Name		Signature / Date	
FDOT District		Consultant Name							
22.2. Signatures Sheet, Plans, and Other Documents									
Task No.	Task	Project Name(s)			Multi-Task			Description(s)	Comments
		Description	Units	Company	Calculator	Department	Comments		
Units in the system, project, company? (See Appendix (A) table)									
22.1	New Sheet		1		4	0	4	0	
	Signature Sheet		1		2	0	2	0	
22.2	General Motor/Pay Item Notes		1	Business	9	0	9	0	
22.3	Signalization Plan Sheets	Approved Instructions	3	MSD	12	0	12	0	Recreates signal plan sheets in ORD 10.12
22.4	Unapproved Plan Sheets	Length (feet)	0.22	MSD	0	0	0	0	Recreates signal plan sheets in ORD 10.12
22.5	Traffic Monitoring Site	Site (Loop District, Other District)	0		0	0	0	0	
22.6	Grade Sign Data	Sign Panel	15		20	0	20	0	Recreates signal plan sheets in ORD 10.12
			0	Simple	0	0	0	0	
		Details	0	Standard	0	0	0	0	
			0	Complex	0	0	0	0	
22.8	Service Plot Details	Service Plot	0	Simple	0	0	0	0	
			0	Standard	0	0	0	0	
22.9	Heat Arm / Moveable Data	Signal Arm	10	Single Heat Arm with Heat Arm	10	0	10	0	Recreates signal plan sheets in ORD 10.12
22.10	Stanch Pole Schedule	Sign	0		0	0	0	0	
		Intersections	0	MSD	0	0	0	0	
22.11	TTCIP Signal	Signal	0	MSD	0	0	0	0	
22.12	Temporary Direction Sheet	Intersections	0		0	0	0	0	
Signalization Plans - Total			27		27	0	27	0	
22.13	Quality Assurance/Quality Control	%	1	5%	3	0	3	0	
22.14	Inspection	%	1	2%	3	0	3	0	
Signalization Plans - Total			43		43	0	43	0	

Grand Total: 70

**Yamato Road Widening –  
from Lakeridge Boulevard to West of Florida's Turnpike**

**SA #2 – Permit Expense Summary (Reimbursables)**

WGI Inc.  
2035 Vista Parkway  
West Palm Beach, Florida 33458  
561-587-2200

Date: March 5, 2026  
PBC Project No. 2017518  
WGI Project No. 2615.00

<b>PERMITS (REIMBURSABLES)</b>	
<b>AGENCY</b>	<b>PERMITTING FEE</b>
South Florida Water Management District - Permit Fees (New Individual) *	\$5,500.00
Lake Worth Drainage District - Permit Fees (New Permit - 0 to 1 new outfalls)	\$3,000.00
* < 40 acres (project site – 21.73 acres)	
<b>PERMIT FEES TOTAL</b>	<b>\$8,500.00</b>

**PERMIT APPLICATION FEE SCHEDULE**

(Effective 8/7/2016)

**Environmental Resource Permits**

**New Individual or Conceptual Permit (excludes Agriculture, Mitigation Bank)**

- Project area < 10 acres; no wetlands or surface waters; no boat slips.....\$ 2,000
- Project area < 10 acres; < 1 acre wetland or surface water; < 10 boat slips.....\$ 3,500
- Project area < 40 acres; < 3 acres wetlands or surface waters; < 30 boat slips.....\$ 5,500
- Project area < 100 acres; < 10 acres wetlands or surface waters; < 50 boat slips..... \$ 7,500
- Project area < 640 acres; < 50 acres wetlands or surface waters; < 50 boat slips..... \$ 13,125
- Project area > 640 acres; > 50 acres wetlands or surface waters; > 50 boat slips..... \$ 25,000

**New Individual Agriculture or Silviculture Permit**

- Project area < 10 acres; < 1 acre wetland or surface water..... \$ 859
- Project area < 40 acres; < 3 acres wetlands or surface waters..... \$ 2,444
- Project area < 100 acres; < 10 acres wetlands or surface waters..... \$ 4,029
- Project area < 640 acres; < 50 acres wetlands or surface waters..... \$ 5,284
- Project area > 640 acres; > 50 acres wetlands or surface waters..... \$ 6,605

**Individual or Conceptual Permit Major Modification (excludes Agriculture, Mitigation Banks)**

- Project area < 10 acres; no wetlands or surface waters; no boat slips.....\$ 1,200
- Project area < 10 acres; < 1 acre wetland or surface waters; < 10 boat slips..... \$ 2,100
- Project area < 40 acres; < 3 acres wetlands or surface waters; < 30 boat slips.....\$ 3,300
- Project area < 100 acres; < 10 acres wetlands or surface waters; < 50 boat slips..... \$ 4,500
- Project area < 640 acres; < 50 acres wetlands or surface waters; < 50 boat slips..... \$ 7,875
- Project area > 640 acres; > 50 acres wetlands or surface waters; > 50 boat slips..... \$ 15,000

**Individual Agriculture or Silviculture Permit Major Modification**

- Project area < 10 acres; < 1 acre wetland or surface water..... \$ 515
- Project area < 40 acres; < 3 acres wetlands or surface waters..... \$ 1,466
- Project area < 100 acres; < 10 acres wetlands or surface waters.....\$ 2,417
- Project area < 640 acres; < 50 acres wetlands or surface waters.....\$ 3,170
- Project area > 640 acres; > 50 acres wetlands or surface waters.....\$ 3,963

**Individual or Conceptual Permit Minor Modification (includes Mitigation Banks)**

- Time Extension of Permit (not associated with SB/HB)..... \$ 500
- Time Extension of Permit (associated with SB/HB)..... \$ 0
- Minor errors not requiring technical review.....\$ 0
- Transfer of ownership.....\$ 0
- Transfer from construction to operation phase.....\$ 0
- All other minor modifications (Letter Modification)..... \$ 250

**New Individual or Conceptual Permit for a Mitigation Bank**

- Permit area < 100 acres..... \$ 7,500

LAKE WORTH DRAINAGE DISTRICT  
OPERATING POLICIES

Chapter 2: Fees

2.2 STORMWATER MANAGEMENT PERMIT FEE SCHEDULE

All required permit fees for a project seeking a Stormwater Management Permit are to be submitted with the permit application package. The permit application will not be processed, distributed or reviewed until the required permit fees are received by LWDD. A Stormwater Management Permit will not be issued by LWDD until all permit application requirements, including all review comments, are addressed to LWDD's satisfaction.

The LWDD may record a Notice of Permit with the Palm Beach County Clerk of Court for certain types of permits. In addition to application and usage fees, recording fees based upon current fees charged by the Palm Beach County Clerk of Court will be assessed and collected prior to permit issuance.

Permit fees will be doubled if improvements are constructed or installed without a permit or backfilled without inspection.

<u>Stormwater Management Permit Types</u>	<u>Permit Fee</u>
<b>Drainage Permits</b>	
Projects 10 acres or less	\$1,200.00 each
Projects above 10 acres and less than 40 acres	\$3,000.00 each
Projects 40 acres and above	\$4,200.00 each
Each subsequent phase of a previously approved master drainage plan (each subsequent phase of a previously approved master drainage plan is considered a minor modification to the previously approved master drainage plan)	\$ 300.00 each
[REF: CHAPTER 3, SECTION 3.5]	
<b>Roadway Projects</b>	
Designs with zero (0) or one (1) proposed discharge control structure	\$3,000.00 each
Each additional proposed discharge control structure	\$1,800.00 each
[REF: CHAPTER 3, SECTIONS 3.4 & 3.5]	

Existing culverts for side streets and driveways that are being replaced or modified within LWDD Canal(s) for required canal relocation, as part of a roadway project, are included in roadway fees.



February 2, 2026

Mr. Keegan Larson, P.E.  
WGI  
2035 Vista Parkway  
West Palm Beach, FL 33411

**Re: Yamato Road from Lakeridge Boulevard to West of Florida's Turnpike  
Palm Beach County Project No. 2017518  
Topographic Update of Existing Conditions**

Dear Keegan:

Thank you for the opportunity to provide you with the following services for the subject site. This proposal is based on documentation and information provided by your office. The scope of services is as follows:

#### **SCOPE OF SERVICES**

We will verify that no field conditions have changed since our previous survey. If something did change, we will make minor topographic survey updates as needed. We will convert files to Microstation OpenRoads version 10.12. We will perform the surveying services described herein in accordance with the Standards of Practice set forth in Chapter 5J-17.050 of the Florida Administrative Code, pursuant to Chapter 472.027 of the Florida Statutes.

#### **I. TOPOGRAPHIC UPDATE OF EXISTING CONDITIONS**

We will verify above ground features along the route and locate any existing condition elements that have changed since our previous survey in 2018 (B&P Project #18-043). We will then update the survey with the new existing condition elements. We will not update the existing survey to current standards or produce a specific purpose survey. We will only update with new topographic features and supply you with electronic cad files.

#### **II. DIGITAL TERRAIN MODEL (DTM)**

We will convert previous Microstation survey file, DTM (.TIN/GDTMRD01.dgn), and alignment (XML, GPK and/or ALGNRD01.dgn), into an OpenRoads SURVRD01 file. We will update the new SURVRD01 file with the new field data (topographic update of existing conditions) and DTM surface information. A new SURVRD01 file in OpenRoads format version 10.12 will be provided to you.

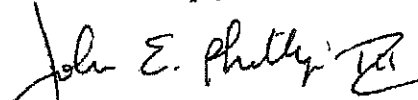
Larson  
February 2, 2026  
Page 2

**III. CLOSURE**

A new OpenRoads SURVRD01 file of the survey will be prepared and delivered which includes a topographic update of existing conditions. We propose to provide WGI with an OpenRoads file in the version requested. We will perform the scope of services for a lump sum fee of \$9,413.76. Any additional work will be done on an hourly basis as approved by you. Please do not hesitate to call me with any questions you might have regarding this proposal. We look forward to working with you on this project.

Sincerely,

**Brown & Phillips, Inc.**



John E. Phillips III, P.L.S.  
Principal



Table 'A'

Yamato Road from Lakeridge Boulevard to West of Florida's Turnpike

Type of Survey: Roadway Design

Size: 9750' + 200'±

Date: February 2, 2026

TASK	3 MAN CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				1	
Horizontal Project Network Control	5		1		Find control
Vertical Project Network Control	5		1		Find benchmarks along corridor
Topography	20		6	1	Verify above ground features and locate any recent improvements
Convert files		10	24	4	.TIN/GDTMRD01.dgn into OpenRoads SURVRD01 file
Total Hours:	30	10	32	6	
Rate/Hour	\$162.37	\$90.28	\$90.28	\$125.15	
Subtotal:	\$4,871.10	\$902.80	\$2,888.96	\$750.90	
<b>Total Labor Cost:</b>					<b>\$9,413.76</b>

**TOTAL PRICE**

**\$9,413.76**

Table 'A'

**Yamato Road from Lakeridge Boulevard to West of Florida's Turnpike**

Type of Survey: Roadway Design

Size: 9750' + 200'±

Date: February 2, 2026

TASK	3 MAN CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				1	
Horizontal Project Network Control	5		1		Find control
Vertical Project Network Control	5		1		Find benchmarks along corridor
Topography	20		6	1	Verify above ground features and locate any recent improvements
Convert files		10	24	4	.TIN/GDTMRD01.dgn into OpenRoads SURVRD01 file
<b>Total Hours:</b>	<b>30</b>	<b>10</b>	<b>32</b>	<b>6</b>	
<b>Rate/Hour</b>	<b>\$162.37</b>	<b>\$90.28</b>	<b>\$90.28</b>	<b>\$125.15</b>	
<b>Subtotal:</b>	<b>\$4,871.10</b>	<b>\$902.80</b>	<b>\$2,888.96</b>	<b>\$750.90</b>	
<b>Total Labor Cost:</b>					<b>\$9,413.76</b>

**TOTAL PRICE**

**\$9,413.76**

**OSBD SCHEDULE 1\***

Exhibit C

SOLICITATION/PROJECT/BID NAME: Yamato Road Lakeridge Boulevard to W. of Florida's Turnpike

SOLICITATION/PROJECT/BID NO.: 2017518

SOLICITATION OPENING/SUBMITTAL DATE: March 21, 2017

COUNTY DEPARTMENT: Engineering & Public Works

Page 1 of 2

**Section A** PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT\* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: WGI, Inc.

ADDRESS: 2035 Vista Parkway, West Palm Beach, FL 33411

CONTACT PERSON: Keegan Larson, PE

PHONE NO.: 561-687-2220

E-MAIL: keegan.larson@wginc.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$472,998.31

SBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE

SBE



**Section B** PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK
	Non-SBE	SBE	
1. Brown & Phillips, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$9,413.76
2.	<input type="checkbox"/>	<input type="checkbox"/>	
3.	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	

(Please use additional sheets if necessary)

Total \$9,413.76

Total Bid/Offer Price \$ \$482,412.07

Total Certified SBE Participation \$ \$9,413.76

I hereby certify that the above information is accurate to the best of my knowledge:

Kate Fontaine

*Kate Fontaine*  
Name & Authorized Signature

VP, Administration  
Title

- Note:**
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
  - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OSBD Affirmative Procurement Initiative (API). Please
  - Modification of this form is not permitted and will be rejected upon submittal.

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2017518

SOLICITATION/PROJECT NAME: Yamato Road Lakeridge Boulevard to W. of Florida's Turnpike

Prime Contractor: WGI, Inc.

Subcontractor: Brown & Phillips, Inc.

(Check box(s) that apply)

SBE    Non-SBE    Supplier

Date of Palm Beach County Certification (if applicable): 1/31/25-1/30/28

**SBE PARTICIPATION** – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Design survey updates to support project plans update	\$9,413.76	1 / LS	n/a	\$9,413.76

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$9,413.76

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant \_\_\_\_\_ Price or Percentage: \_\_\_\_\_

WGI, Inc.

Print Name of Prime

By: *Kate Fontaine*  
Authorized Signature

Kate Fontaine

Print Name

Vice President, Administration

Title

Date: 3/13/2024

Brown & Phillips, Inc.

Print Name of Subcontractor/subconsultant

By: *Anthony Brown*  
Authorized Signature

Anthony Brown

Print Name

CEO

Title

Date: 3/12/2026

**PROJECT HISTORY**

**Exhibit D**

<b>Yamato Road from Lakeridge Boulevard to West of Florida's Turnpike</b>					
<b>Project# 2017518</b>					
<b>Authorization</b>	<b>Supplement</b>	<b>Date Approved</b>	<b>Total Amount</b>	<b>SBE Amount</b>	<b>SBE %</b>
BCC	Original Contract	1-May-18	\$ 513,631.44	\$ 210,732.33	41.02%
Lead	Supplement #1	31-Aug-22	\$ 49,849.64	\$ -	0.00%
Lead	Supplement #2	16-Nov-22	\$ 7,795.59	\$ -	0.00%
BCC	Supplement #3	Pending	\$ 482,412.07	\$ 9,413.76	1.95%
<b>Project Totals</b>			<b>\$ 1,053,688.74</b>	<b>\$ 220,146.09</b>	<b>20.89%</b>



**Palm Beach County  
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00001806	WGI, Inc.		Compliant					R2018-0628	Yamato Road from Lakeridge Boulevard to West of Florida
		Ap , XV	National Union Fire Insurance Company of Pittsburg	GL4613985	8/1/2025	8/1/2026	General Liability		
		Ag , XV	Beazley America Insurance Company, Inc.	c356de250301	8/1/2025	8/1/2026	Professional Liability		
		Ar , XV	New Hampshire Insurance Company	WC11569886	8/21/2025	8/21/2026	Workers Comp		

**Risk Profile :** Standard - Professional Services  
**Required Additional Insured :** Palm Beach County Board of County Commissioners  
**Ownership Entity :**