

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: **February 3, 2026** **Consent** **Regular**
 Workshop **Public Hearing**

Department: Engineering and Public Works
Submitted For: Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Consultant Service Authorization No. 2 (CSA) to the Civil Engineering Professional Continuing Services Contract (R2025-0548) dated May 6, 2025 (Contract) with Michael B. Schorah & Associates, Inc. (MBS) in the amount of \$241,265.55 for the Kelly and the Kenwood Estates Countywide Community Revitalization Team (CCRT) Improvements (Project).

Summary: Approval of this CSA will provide the professional services necessary to design the roadway improvements on 47th Avenue South, Canal 10 Road, and Odmann Avenue (collectively, Roads). This is the first Project to the new Local Road Program that will bring Palm Beach County (County) courtesy maintained roads to current County standards. These Roads were selected for improvements first as they are within CCRT areas. This Contract was presented to the Goal Setting Committee (GSC) on February 21, 2024 and the GSC established Affirmative Procurement Initiatives (API) of a 20% minimum mandatory Small Business Enterprise (SBE) participation and an SBE evaluation preference. MBS committed to 98% SBE participation. The proposed SBE participation for this CSA is 100%. To date, the overall SBE participation achieved on this Contract is 100%. MBS has an office located in the County and is a certified SBE company. This contract is subject to Emergency Ordinance R2025-014 approved by the Board of County Commissioners (BCC) on June 3, 2025. District 3 (YBH)

Background and Justification: On May 6, 2025, the BCC approved the Contract with MBS to provide the professional services for civil engineering throughout the County. The fee, as detailed in Exhibit B of the attached CSA, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$221,951.95	(Roadway Analysis and Plans, Drainage Analysis and Plans, Permitting, Utilities, Signing and Pavement Marking)
Optional Services (Not to Exceed)	<u>\$ 19,313.60</u>	(Post Design and Public Involvement)
Total:	\$241,265.55	

After reviewing the attached CSA and finding it in proper order, the Engineering and Public Works Department recommends BCC approval.

Attachments:

1. Location Map
2. CSA No. 2 with Exhibits A, B, C, D and Ebix Insurance Compliance (2)

Recommended by: Mr. K. S. Ima

County Engineer

16 JPN 2026

Approved By:

Deputy County Administrator

123

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2026	2027	2028	2029	2030
Capital Expenditures	\$337,266	-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-
NET FISCAL IMPACT	\$337,266	-0-	-0-	-0-	-0-
# 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 3900 Dept 361 Unit 2012-033 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Capital Outlay/Shell - Rock Road Improvements/
Kelly/Kenwood Estates CCRT

Brief Description: Consultant service authorization (CSA) #2
CSA #2

• Basic Services	\$ 221,951.95
• Optional Services	\$ 19,313.60
Total CSA #2	\$241,265.55

Estimated Staff Costs

• Roadway Production	\$ 48,000.00
• Roadway Production: Right-of-Way	\$ 12,000.00
• Survey	\$ 12,000.00
• Traffic	\$ 24,000.00
Total Staff Costs	\$ 96,000.00

Fiscal Impact \$337,265.55

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

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

Chris Mart 1/20/26
OFMB CB 1/20 CATT/26

Trudi Bruck 1/22/26
Contract Dev. and Control 26/1/26

B. Approved as to Form and Legal Sufficiency:

1/23/26
Assistant County Attorney

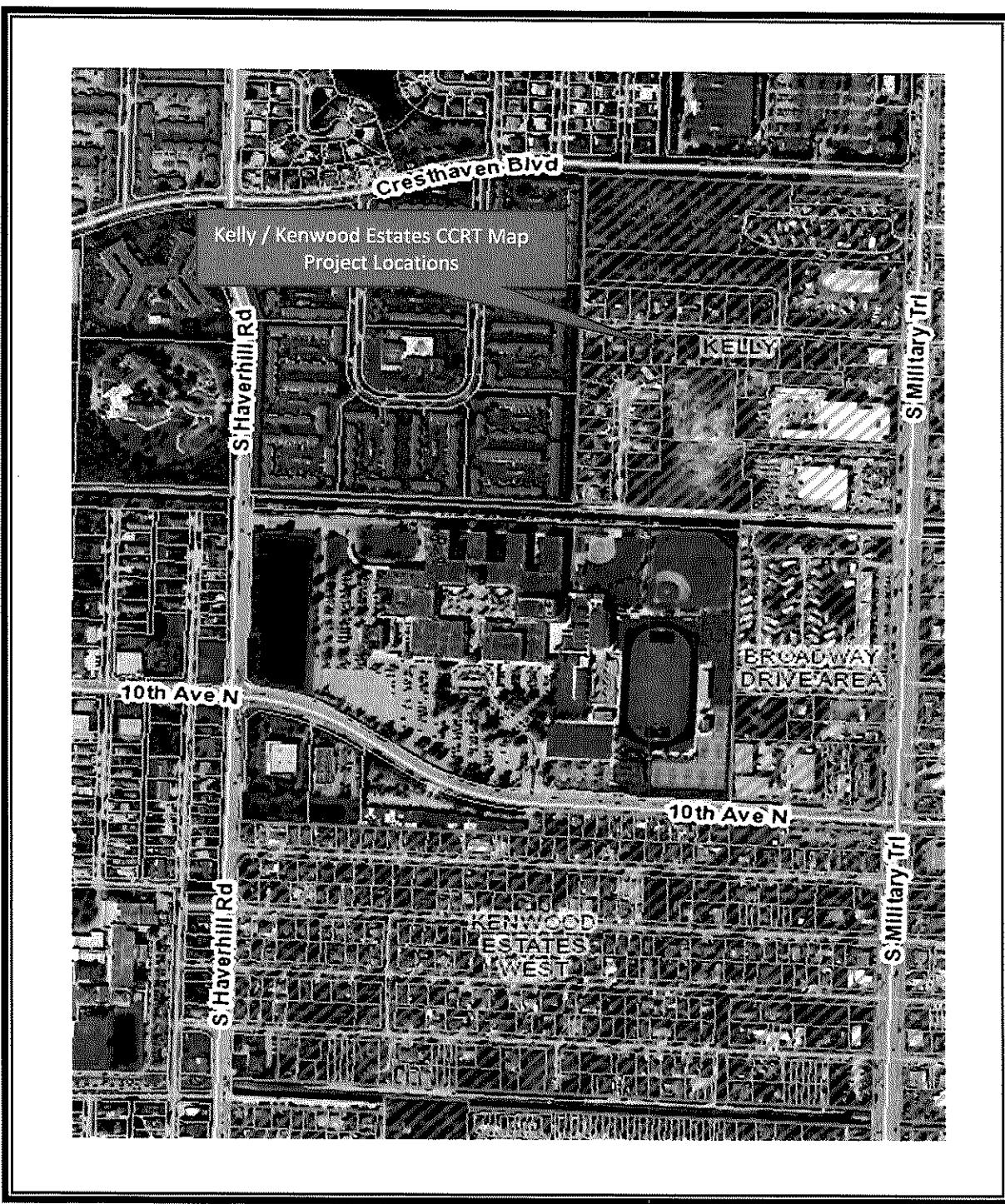
C. Other Department Review:

Department Director

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

Kelly / Kenwood Estates CCRT

Palm Beach County Project #2025908



LOCATION MAP

ATTACHMENT 1

CONSULTANT SERVICE AUTHORIZATION NO. 2
UNDER THE CIVIL ENGINEERING PROFESSIONAL CONTINUING
SERVICES CONTRACT

Project Name: **Kelly / Kenwood Estates CCRT**

Project No: **2025908**

Commission District No.: **3**

SBE	
Participation for this authorization	100%
Participation to date for this Contract	100%
Contract Commitment	98%
This authorization is under the EBO Ordinance.	

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

Account No.: 3900-361-2012-033-6505

Consultant Service Authorization No. 2 (CSA) under the Civil Engineering Professional Continuing Services Contract dated May 6, 2025 (R2025-0548) (CONTRACT), between the COUNTY and the CONSULTANT identified herein is for the services described in **EXHIBIT A** and **EXHIBIT B** for this CSA.

1. CONSULTANT: Michael B. Schorah and Associates, Inc.
2. Address: 1850 Forest Hill Boulevard, Suite 206 West Palm Beach, FL 33406
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 Kelly / Kenwood Estate CCRT project in accordance with the attached **EXHIBIT A** dated November 11, 2025.
5. The compensation to be paid CONSULTANT for providing the requested services as detailed in **EXHIBIT B** shall be:

[x] Basic Services in a lump sum fee of	\$221,951.95
[x] Optional Services capped at	\$ <u>19,313.60</u>
Totaling	\$241,265.55

[x] OEBO Schedules 1 & 2 **EXHIBIT C**

[x] Project History **EXHIBIT D**

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

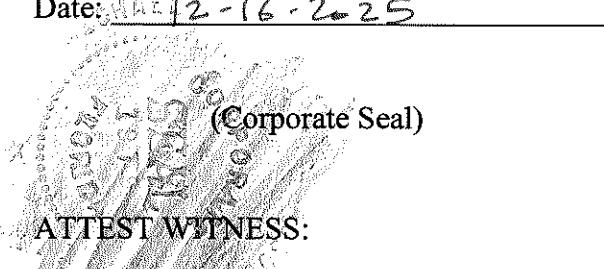
This Contract, including all Schedules, Forms, and attachments, is subject to the County Emergency Ordinance 2025-014, approved by the BCC on June 3, 2025. As a result, the M/WBE participation will not be enforced.

CONSULTANT SERVICE AUTHORIZATION NO. 2
UNDER THE CIVIL ENGINEERING PROFESSIONAL CONTINUING
SERVICES CONTRACT

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

CONSULTANT: Michael B. Schorah and
Associates, Inc.
Federal ID: 59-1939150

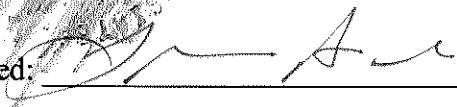
Signed: 
Typed Name: Martha H. Carter, P.E., CFM
Title: Vice President
Date: 12-16-2025



COUNTY:
Approved as to Terms and Conditions

By: 
Typed Name: Morton L. Rose, P.E.
Title: Division Director

ATTEST WITNESS:

Signed: 

Typed Name: Frederick Roth, Jr., P.E.
Title: President
Date: 12-16-2025

CONSULTANT SERVICE AUTHORIZATION NO. 2
UNDER THE CIVIL ENGINEERING PROFESSIONAL CONTINUING
SERVICES 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

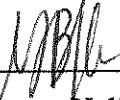
Date: _____

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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5August 21, 2025; Rev 1 8/28/2025; Rev 2 9/2/2025; Rev 3 9/8/2025; Rev 4 9/10/2025;
Rev 5 11/11/2025

Palm Beach County Engineering & Public Works Department
Roadway Production Division
2300 North Jog Road, 3rd Floor
West Palm Beach, Florida 33411

RE: Sandra M. Ospina
11/13/2025
Reviews okay
Sandra M. Ospina
11/13/2025

Attn: Sandra M. Ospina, P.E., M.Sc., Project Manager, Local Roads Section

RE: KELLY / KENWOOD ESTATES CCRT 2025908
PBC PROJECT NO. 2025908

Dear Ms. Ospina:

Michael B. Schorah & Associates, Inc. (MBSA) is pleased to provide Palm Beach County with this proposal for Professional Engineering Services for the above-referenced project. We offer the following for your consideration:

Project Description:

The project includes:

1. 47th Avenue South, Canal 10 Road to Dead End (\pm 1,570 LF)
2. Canal 10 Road, 47th Avenue to Military Trail (\pm 1,120 LF)
3. Odmann Avenue, Cambridge Street to Carver Street (\pm 540 LF)

The total project length is approximately 0.74 miles and consists of two-lane road sections.

The project scope consists of :

- A. Basic Services for design parameter review, roadway plan preparation (65%, 96%, 100% and Final submittals) and permitting.
- B. Subconsultant Services for surveying and geotechnical engineering.
- C. Optional Services for public involvement and post design tasks if needed.

The initial master plan/typical section scope will validate the study assumptions and recommendations for the roadway. This phase of the project will include surveying, geotechnical engineering, horizontal roadway layout, review of drainage and safety requirements and confirmation of legal positive outfall.

Once the design is validated, construction plans will be prepared in accordance with the latest standards of Palm Beach County as described in the Thoroughfare Roadway Design Procedures, the Florida Department of Transportation Plans Preparation Manual, FDOT Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook) and AASHTO Greenbook.

Kelly / Kenwood Estates CCRT 2025908

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Rev 5 11/11/2025

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All plan sheets will be prepared on 11" x 17" paper at 1" = 40' scale.

MBSA will provide basic, subconsultant and optional services as follows:

A. Basic Services

1. Master Plan / Typical Section (MP/TS), Survey Plan Submittal, and Design Parameter Review. This submittal will include:
 - a. Validation of study assumptions and recommendations for safety, drainage and roadway improvements. Completion of design parameter review
 - b. Specific Purpose/Topographic Survey Plan Set (by Brown & Phillips)
 - c. Review of legal, positive outfall options for drainage improvements
 - d. Title Sheet
 - e. Typical Section Sheet
 - f. Benchmarks, References and Sectional Corners
 - g. Right of Way Lines, Baseline of Survey and Centerline of Construction
 - h. Preliminary Drainage Design
 - i. Existing Drainage
 - j. Existing Cross Sections
 - k. Preliminary Right-of-Way Procurement Map
 - l. Engineer's Cost Estimate based on County provided average unit prices
2. 65% Submittal will include:
 - a. MP/TS Submittal Comments Addressed
 - b. Specific Purpose/Topographic Survey Plan Set (by Brown & Phillips)
 - c. Title Sheet
 - d. Typical Section Sheet
 - e. Summary of Quantities
 - f. Drainage Maps
 - g. Proposed Drainage in Plan
 - h. Drainage Structure Sheets
 - i. Final Geometrics
 - j. Final Profiles
 - k. Limits of Construction
 - l. Proposed Cross Sections
 - m. Existing Utilities
 - n. Driveway Profile Sheets
 - o. Special Detail Sheets
 - p. Signing & Pavement Marking Plans
 - q. Drainage Design Computations
 - r. Engineer's Cost Estimate based on County provided average unit prices
 - s. Redlined Plans from Design Parameter Review
 - t. Utility Conflict Matrix

Kelly / Kenwood Estates CCRT 2025908

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Rev 5 11/11/2025

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3. Utility Potholing and Permitting Packages:

- a. Attend initial utility coordination meeting and prepare meeting minutes.
- b. Submit to FDOT for a right-of-way permit for work in Military Trail.
- c. Submit to LWDD for a right-of-way permit for work in L-10 Canal.

4. 96% Submittal will include:

- a. 65% Submittal Comments Addressed
- b. Specific Purpose/Topographic Survey Plan Set (by Brown & Phillips)
- c. Title Sheet
- d. Typical Section Sheet
- e. Summary of Quantities Sheet
- f. Utilities on Plan and Profile
- g. Drainage on Drainage Map and Plan and Profile Sheets
- h. Drainage Structure Sheets
- i. Special Detail Sheets
- j. Cross Sections
- k. Quantity Computation Book
- l. Signing & Pavement Marking Plans
- m. Engineer's Cost Estimate based on County provided average unit prices
- n. Red-lined Plans from 65% review
- o. Responses to Comments Letter

5. 100% Submittal will include:

- a. 96% Submittal Comments Addressed
- b. All Permits Received
- c. Specific Purpose/Topographic Survey Plan Set (by Brown & Phillips)
- d. Title Sheet
- e. Typical Section Sheet
- f. Summary of Quantities Sheet
- g. Utilities on Plan and Profile
- h. Drainage on Drainage Map and Plan and Profile Sheets
- i. Drainage Structure Sheets
- j. Special Detail Sheets
- k. Cross Sections
- l. Quantity Computation Book
- m. Signing & Pavement Marking Plans
- n. Engineer's Cost Estimate based on County provided average unit prices
- o. Red-lined Plans from 96% review
- p. Responses to Comments Letter

6. Final Submittal will include:

- a. Printed Set of Plans (one signed and sealed)
- b. Final Cost Estimate
- c. Electronic (Excel) File of Pay Items

Kelly / Kenwood Estates CCRT 2025908

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- d. One signed and sealed Final Specific Purpose/Topographic Survey Plan Set (by Brown & Phillips)
- e. One signed and sealed Drainage Computation Book
- f. One signed and sealed Quantity Computation Book
- g. All electronic files (including CADD and PDF files) with appropriate digital signatures
- h. All Permits

B. Subconsultant Services:

1. Surveying:

- a. Services will be performed by our subconsultant, Brown & Phillips, Inc., and will include the scope of work as detailed in their proposal attached herewith.
- b. The survey will be made a part of the engineering plan set per PBC Roadway Production standards.
- c. A note will be added to the engineering plan set referencing the supporting survey by project number, date and preparer.

2. Geotechnical Engineering:

- a. Services will be performed by our subconsultant, Pacifica Engineering Services, LLC, and will include the scope of work as detailed in their proposal attached herewith.

C. Optional Services:

Note: Optional Services must be pre-approved by PBC prior to proceeding with these activities.

- 1. Public Involvement: We have allotted forty (40) hours for public involvement to include meetings, graphics, brochures, etc. as requested by PBC.
- 2. Roadway Engineering - Post Design Services: We have allotted forty (40) hours of post design services to address pre-bid meeting attendance, RFIs, shop drawing reviews, pre-construction meeting attendance and other services as requested by PBC.

Project Schedule:

A proposed project schedule has been prepared for this project. It will be revised to reflect actual NTP date once issued.

Kelly / Kenwood Estates CCRT 2025908

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Rev 5 11/11/2025

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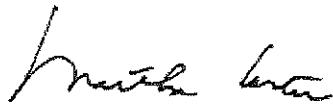
Project Limitations and Assumptions:

Services to be provided by Consultant are predicated upon and subject to the following conditions:

1. The project is expected to be exempt from SFWMD permitting per FAC 62-330.051.
2. Details sufficient to construct the project will be referenced or provided on the plans. Therefore, preparation of technical specifications is not included in this scope of services.

Please review this information and feel free to contact me if you have any questions.

Sincerely,



Martha H. Carter, P.E., CFM

Vice President

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EXHIBIT A - PAGE 6 OF 6

Estimate of Work Effort and Cost

EXHIBIT B - PAGE 1 OF 24

Name of Project:		Kelly / Kenwood Estates CCRT 2025908						Consultant Name:		Michael B. Schorah & Associates, Inc.		
PBC Project Number:		2025908						Consultant Project Number:		500		
								Date:		11/11/2025		
Staff Categories & Unloaded Hourly Rates												
Task Description	Total Staff Hours	Principal	Project Engineer	Engineer	CAD Technician	x	x	x	Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task	
		\$64.00	\$60.00	\$45.00	\$33.00	\$0.00	\$0.00	\$0.00				
BASIC SERVICES												
1 Project Validation	140.0	20.0	40.0	80.0					140.0	\$7,280.00	\$ 52.00	
2 Roadway Analysis	133.0	9.0	28.0	96.0					133.0	\$6,576.00	\$ 49.44	
3 Roadway Plans	481.0	48.0	89.0	256.0	88.0				481.0	\$22,836.00	\$ 47.48	
4 Drainage Analysis	176.0	16.0	80.0	80.0					176.0	\$9,424.00	\$ 53.55	
5 Drainage Plans	164.0	8.0	20.0	56.0	80.0				164.0	\$6,872.00	\$ 41.90	
6 Permits and Environmental	66.0	8.0	16.0	42.0					66.0	\$3,362.00	\$ 50.94	
7 Utilities	58.0	4.0	8.0	16.0	30.0				58.0	\$2,446.00	\$ 42.17	
8 Signing and Marking Analysis	12.0	2.0	2.0	8.0					12.0	\$608.00	\$ 50.67	
9 Signing and Marking Plans	31.0	2.0	3.0	6.0	20.0				31.0	\$1,238.00	\$ 39.94	
Total Staff Hours (Basic Services)		1261.0	117.0	286.0	640.0	218.0	0.0	0.0	1261.0			
Total Staff Cost (Basic Services)			\$7,488.00	\$17,160.00	\$28,800.00	\$7,194.00	\$0.00	\$0.00	\$0.00	\$60,642.00	\$ 48.09	
OPTIONAL SERVICES												
1 Public Involvement	40.0	4.0	12.0	24.0					40.0	\$2,056.00	\$ 51.40	
2 Post Design Services	40.0	4.0	12.0	24.0					40.0	\$2,056.00	\$ 51.40	
Total Staff Hours (Optional Services)		80.0	8.0	24.0	48.0	0.0	0.0	0.0	80.0		\$ 51.40	
Total Staff Cost (Optional Services)			\$512.00	\$1,440.00	\$2,160.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,112.00		
EBO SBE Calculation for this Fee Summary												
SBE \$		Non-SBE \$										
Michael B. Schorah & Associates, Inc.		\$181,311.20										
Brown & Phillips, Inc.		\$ 45,665.88										
Pacific Engineering Services, LLC		\$ 14,288.47										

Project Activity 1: General Tasks						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
1.0	Project Validation	LS	1	140	140	Validation of study parameters, including safety, roadway and drainage improvements. Confirm drainage outfall. Preliminary meeting with LWDD regarding Canal 10 Road. Design Parameter and one review meeting
1.1	Public Involvement	LS	1	40	40	Optional Services - Public Outreach including mtgs. brochures, boards, etc. as required by PBC
1.2	Renderings and Fly Throughs	EA	0	0	0	
1.3	PowerPoint Presentation	EA	0	0	0	
1.4	Public Meeting Preparations	EA	0	0	0	
1.5	Public Meeting Attendance/Followup	EA	0	0	0	
1.6	Value Engineering Review	LS	1	0	0	
1.7	Post Design Services	LS	1	40	40	Optional Services - Post Design
1.8	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	
1.9	Project Manager Coordination Meetings	EA	0	0	0	(LIST)
1. General Tasks Total					220 ✓	

Project Activity 2: Roadway Analysis						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
2.1	Typical Section Package	EA	3	3	9	3 typical sections (47th Ave. South, Canal 10 Road, Odmann Avenue)
2.2	Horizontal /Vertical Master Design Files	LS	1	42	42	12 hours initial setup + 10 hrs each for roadway alignment for 3 roadways
2.3	Roundabout Design Analysis	LS	0	0	0	
2.4	Design Report	EA	1	40	40	Project Validation Report
2.5	Computation Book & Quantities	EA	5	2	10	Computation Book preparation (Design Parameter, 65%, 96%, 100% and Final Submittals)
2.6	Cost Estimate	EA	5	2	10	Cost Estimates (Design Parameter, 65%, 96%, 100% and Final Submittals)
2.7	Technical Special Provisions and Modified Special Provisions	LS	0	0	0	Optional Services
2.8	ROW Impact Analysis	LS	0	0	0	
2.9	Other Roadway Analyses	LS	0	0	0	
2.10	Monitor Existing Structures	LS	0	0	0	
2.11	Field Review	EA	2	6	12	One (1) Field Review Site Visit to confirm survey and existing conditions (2 people - 6 hours each)
2.12	Technical Meetings	EA	2	5	10	Two (2) Review Meetings 2 people at 2 hrs per meeting + 1 hour for minutes and follow-up (5 hrs per mtg.)
2. Roadway Analysis Total					133	

Project Activity 3: Roadway Plans						
Task No.	Task	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
3.1	Key Sheet	Sheet	1	4	4	Prepare Key / Cover Sheet
3.2	Typical Sections	EA	3	1	3	Prepare Typical Section Sheet with typicals, stations, limits, etc. (3 typicals)
3.3	Typical Section Details	EA	2	2	4	Include various typical section details, curb pads and curbing where required, etc.
3.4	General Notes/Pay Item Notes/Summary of Quantities	Sheet	1	4	4	Prepare pay items list, quantities and pay item notes.
3.5	Project Control Sheet – Survey Plans	Sheet	0	0	0	
3.6	Master Plan	Sheet	1	40	40	Master Layout for 3 roads, 10 hours base set up + 10 hours per roadway
3.7	Plan/Profile Sheet	Sheet	0	0	0	
3.8	Profile Sheet	Sheet	6	8	48	6 Profile Sheets for drainage, swales and existing utilities within project limits.
3.9	Plan Sheet	Sheet	6	8	48	6 Plan Sheets for drainage, swales and existing utilities within project limits.
3.10	Driveway Profiles	EA	18	6	108	18 existing driveways 3 hours initial setup + 1 hour for each submittal (65%, 96%, 100%)
3.11	Special Profiles	Sheet	0	0	0	
3.12	Back-of-Sidewalk Profile Sheet	Sheet	0	0	0	
3.13	Intersection Layout Details	Sheet	5	4	20	Roadway intersection alignment, grading and drainage (2 on Canal 10 Road, 3 on Odmann Rd.)
3.14	Plateau Intersection Detail	Sheet	0	0	0	
3.15	Miscellaneous Details	EA	2	2	4	Provide special details for guardrail and swale grading
3.16	Right-of-Way Acquisition Exhibit	Sheet	0	0	0	
3.17	Roadway Soil Survey Sheets	Sheet	0	0	0	
3.18	Railroad Detail Sheets	Sheet	0	0	0	
3.19	Cross Sections	EA	33	6	198	Prepare cross-sections for each station at 100' intervals 3 hours initial setup + 1 hour for each submittal (65%, 96%, 100%)
3. Roadway Plans Total					481	

Project Activity 4: Drainage Analysis						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Drainage Map Hydrology	EA	3	8	24	Review existing topography to ascertain existing drainage patterns and design for proposed drainage system and outfall 8 hours each roadway
4.2	Determine Base Clearance Water Elevation	EA	0	0	0	
4.3	Pond Siting Analysis and Report	EA	0	0	0	
4.4	Design of Cross Drains	EA	4	2	8	Design of cross drainage pipes (inverts, slopes, cover, hydraulic grade line) 2 on 47th, 2 on Odmann Rd.)
4.5	Design of Roadside Ditches	Sheets	6	12	72	Design of roadside swales/ditches (cross-sections and longitudinal slopes) both sides of roadway
4.6	Design of Storm Drains	EA	14	1	14	Design of drainage structures, (rim/grate, inverts, sump, drainage area) - 14 structures assumed
4.7	French Drain Systems	LF	0	0	0	
4.8	Drainage Design Report	LS	1	58	58	Pipe hydraulics for existing and proposed drainage pipes and structures, water quality and discharge analysis. 20 hours initial report setup + 10 hours for each road + 2 hour update for each submittal (65%, 96%, 100%, Final)
4.9	Bridge Hydraulic Report	EA	0	0	0	
4.10	Technical Special Provisions / Modified Special Provisions	LS	1	0	0	Optional Services
4. Drainage Analysis Total					176 ✓	

Project Activity 5: Drainage Plans							
Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Drainage Area Map	1"=100'	Sheet	2	4	8	Prepare Master Drainage Plan / Drainage Area Map (1 for 47th / Canal 10 and 1 for Odmann Road)
5.2	Box Culvert Detail Sheet		Sheet	0	0	0	
5.3	Drainage Structure	1"=10'	EA	14	6	84	Prepare drainage structure sheets 3 hours initial set-up + 1 hour for each submittal (65%, 96%, 100%)
5.4	Miscellaneous Drainage Detail Sheets		Sheet	2	8	16	Provide special details for pipe outfalls, endwalls, canal slope restoration, control structure, baffles (if required)
5.5	Lateral Ditch Plan/Profile	1"=40'	Sheet	6	8	48	Swale/ditch profile on each side of roadway for conveyance (to be included on the plan and profile sheets)
5.6	Lateral Ditch Cross Sections		EA	0	0	0	
5.7	Retention/Detention Ponds Detail Sheets		Sheet	0	0	0	
5.8	Retention Pond Cross Sections		EA	0	0	0	
5.9	SWPPP Sheets	1"=100'	Sheet	2	4	8	Prepare Erosion Control Plan with details and notes.(1 for 47th / Canal 10 and 1 for Odmann Road)
5. Drainage Plans Total					164		

Project Activity 6: Permits & Environmental						
Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
6.1	Pond Site Alternatives	EA	0	0	0	
6.2	Establish Wetland Jurisdictional Lines	LS	1	0	0	
6.3	Existing Permit Analysis	LS	1	0	0	
6.4	Complete and Submit All Required Permit Applications	EA	2	30	60	FDOT submittal for work on S. Military Trail and LWDD submittal for L-10 Canal outfall, slope restoration
6.5	Prepare Dredge and Fill Sketches	LS	1	0	0	
6.6	Mitigation Coordination and Meetings	EA	0	0	0	(LST)
6.7	Technical Meetings	EA	2	3	6	One (1) meeting with FDOT and one (1) meeting with LWDD. One person - 2 hours + 1 hour minutes and follow-up (3 hrs each)
6. Permits and Environmental Total					66	

Project Activity 7: Utilities						
Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7.1	Request Initial Mark-ups from Utilities	EA	5	1	5	5 Utility Providers - 1 hour each
7.2	Incorporate Existing Utility Facilities	EA	5	2	10	5 Utility Providers - 2 hours each
7.3	Conflict Matrix	EA	5	1	5	5 Utility Providers - 1 hour each
7.4	Identify and Incorporate Conflict Resolutions	LS	1	20	20	Reflect conflict resolution on plan and profile sheets. 5 Utility Providers - 4 hours each
7.5	Meetings	EA	2	4	8	2 Utility Coordination Meetings (1 person) 3 hours + 1 hour minutes and follow-up (4 hrs) for each meeting
7.6	Utility Coordination Directly with Providers	EA	5	2	10	5 Utility Providers - 2 hours each for follow up
7. Utilities Total					58	

Project Activity 8: Signing & Marking Analysis						
Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
8.1	Master Design Files	LS	1	4	4	Set up for striping replacement / upgrade to current code
8.2	Quantities	EA	4	1	4	Quantities at each submittal (65%, 96%, 100% and Final)
8.3	Cost Estimate	EA	4	1	4	Cost Estimates at each submittal (65%, 96%, 100% and Final)
8.4	Other Signing and Pavement Marking	LS	1	0	0	
8. Signing and Pavement Marking Analysis Total					12✓	

Project Activity 9: Signing & Marking Plans						
Task No.	Task	Units	No of Units	Hours/ Unit or Sheet	Total Hours	Comments
9.1	Key Sheet	Sheet	1	1	1	
9.2	General Notes/Pay Item Notes/Summary of Quantities	Sheet	1	2	2	Include items on Quantity sheet
9.3	Typical Details	EA	2	2	4	Include typical signing and marking details
9.4	Plan Sheet	Sheet	6	4	24	Signing and Pavement Marking Plans
9. Signing and Pavement Marking Plans Total					311	



August 20, 2025

Ms. Martha H. Carter
 Michael B. Schorah & Associates, Inc.
 1850 Forest Hill Blvd, Suite 206
 West Palm Beach, FL 33406

**Re: Kelly / Kenwood Estates CCRT 2025908 - 47th Avenue South, Canal 10 Road and Odmann Avenue
 Palm Beach County Project No. 2025908 - Roadway Design Survey
 Local Road Program Project (LRP) under the Civil Engineering Continuing Services Contract**

Dear Martha:

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 perform a specific purpose/topographic survey under this project and the survey work will be performed in accordance with the current Standards of Practice and Palm Beach County Roadway Design Procedures dated January 2019, and all Palm Beach County requirements. All survey work done will result in a signed and sealed survey drawing (all to be delivered to the County office for review and approval) in accordance with all applicable requirements, Roadway Design standards of 2019 (Appendix C, D & F), codes, rules and Statutes governing Surveying and Mapping.

I. HORIZONTAL PROJECT NETWORK CONTROL

Using the information supplied by Palm Beach County, we will establish the Right-of-Way for 47th Avenue South, Canal 10 Road and Odmann Avenue. A traverse will be run through the route and found monumentation will be tied in. The survey will be oriented to Palm Beach County horizontal control (NAD 83/11 Adjustment). We will obtain the sectional and geodetic control information from the Palm Beach County Survey Department. We will prepare a project network control (PNC) sheet meeting Palm Beach County standards. The Project Network Control (PNC) sheets will be part of the survey, signed, certified signed & sealed within the survey.

The limits of the survey are along 47th Avenue from Canal 10 Road to Dead End, along Canal 10 Road from 47th Avenue to Military Trail, and along Odmann Avenue from Cambridge Street to Carver Street (see included map).

II. RIGHT-OF-WAY

We will review and compile any title information furnished to us for the rights-of-way (R/W), abutting properties, easements, and restrictions. No search of the Public Records will be performed by Brown & Phillips. We will review the title package and plot all right-of-way documents and easements on the Survey and alert the County of any missing R/W segments that make up the entire R/W corridor. All gaps or overlaps will be brought to the County's attention.

III. VERTICAL PROJECT NETWORK CONTROL

A level run will be performed along the route using the existing Palm Beach County benchmarks (NAVD 1988). Benchmarks will be set along the route, not exceeding 600 feet apart. All benchmarks will be set outside of the proposed limits of construction.

1860 Old Okeechobee Road • Suite 509 • West Palm Beach, Florida 33409

(561) 615-3988 • Fax (561) 615-3991

M:\PROPOSALS\BY COMPANY\SCHORAH\Kelly-Kenwood Estates Area\Kelly-Kenwood Estates_47th Ave S, Canal 10 Rd and Odmann Ave - Roadway Design Survey.doc

Carter
 August 20, 2025
 Page 2

IV. BASELINE LAYOUT

We will lay out the baseline at 100-foot intervals setting appropriate points at each station. The baseline will be laid out within the limits of the $\pm 2,600'$ route. These baseline points will be used in the topographic and cross section phase to locate features and facilitate checks.

V. HORIZONTAL CONTROL POINTS

The historic baseline of survey (if available) will be tied to a pair of PBCo. Horizontal Control Points at each end of the baseline. Stations and offsets and State Plane Coordinates and monumentation will be labeled at begin and end of historic baseline as well as PI's, PC's, PT's, PRC's and PCC's along the baseline not to exceed 1000 feet between control stations. All monumentation along the historic baseline will be referenced to the intervisible random project control monumentation. We propose to set seven (7) horizontal control points.

VI. SECTION TIES AND PROPERTY TIES

We will tie in section corners and property corners along the route to check the present alignment of 47th Avenue, Canal 10 Road and Odmann Avenue. We will try to locate as many corners as possible to positively establish the current rights of way. We will tie in a minimum of two (2) Palm Beach County geodetic points to meet County requirements. Subdivision corners, section corners and other existing control monumentation that will assist in the establishment of the R/W will be located and shown on the Survey.

VII. TOPOGRAPHY

A topographic survey will be performed along the route. This survey will tie in all visible features such as, but not limited to, signs, light poles, guardrails, utilities, walks, edge of pavement, curbing, drainage structures, striping, etc. These locations will show all features within the corridor from right of way to right of way extending to 25 feet outside the proposed right of way (if provided prior to start of the field work).

VIII. CROSS SECTIONS and TIN CREATION (DTM)

Cross sections will be done along the route at 100-foot intervals. These cross sections will cover the roadway to the right of way lines and extend to 25 feet outside of the right of way (if provided prior to start of the field work). In addition, we will prepare a TIN file and all the corresponding break lines for the design of the roadway. Since a TIN is required this will entail additional shots to be taken on the cross sections to accurately depict the existing conditions.

IX. CANAL CROSS SECTIONS (SOUNDINGS)

We will perform six (6) canal cross sections (soundings) along the LWDD Canal, at $\pm 300'$ intervals. We will prepare a Lake Worth Drainage District (LWDD) survey.

X. AS-BUILTS

We will attempt to get as-built information on all the pipes leading out of any storm structures found. We will show invert elevations, pipe sizes and materials for all pipes located including outfall pipes. Inverts will not be measured in active traffic lanes. Traffic control, lane closures, and off duty police are not included.

Carter
 August 20, 2025
 Page 3

XI. UNDERGROUND UTILITIES

We will locate or set points for any necessary soil borings along the route. These points will be determined by others and supplied to Brown & Phillips, Inc. Brown & Phillips, Inc will locate any underground utilities that are marked in the field.

XII. TREE LOCATIONS

We will locate the native trees (4" and larger measured at breast height) and shrubs/hedges within the right of way of 47th Avenue South, Canal 10 Road and Odmann Avenue. These will be shown on the CADD file with types and caliper sizes. Not a tree survey.

XIII. OPTIONAL SERVICES: LEGAL DESCRIPTIONS AND SKETCHES

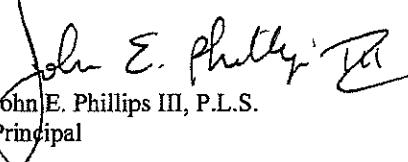
We will prepare legal descriptions and sketches if needed for temporary construction easements (TCE) or right-of-way takes. These sketches will be based on record ownership data and record plats provided by Palm Beach County. All sketches will be consistent with the requirements of Palm Beach County and Florida Standards of Practice. We have estimated twelve (12) parcels for this project at \$650.00 each totaling \$7,800.00.

XIV. CLOSURE

A certified signed and sealed Topographic Survey (11" x 17" sheets on a 1" = 40' scale) will be prepared and delivered, to be included with the engineering plans (sheets SURX-SURXX) showing the existing right-of-way and supporting record information in addition to all improvements as outlined. We will also provide a printout of the right-of-way information in hard copy and digital format (CAD and PDF), as part of the approved survey plan submittal, showing labels referencing each document used to plot the right-of-way. We propose to provide Michael B. Schorah & Associates, Inc. and Palm Beach County Survey Section with 1 set certified, signed & sealed, of the Survey, 1 set in PDF digitally signed and CAD files in the version requested. Any additional work will be done on an hourly basis as approved by you. We will perform the scope of services for a lump sum fee of \$45,665.88 (\$37,865.88 for the survey and \$7,800.00 for twelve legal descriptions and sketches), see Table 'A' for an hourly breakdown. 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

JEP/mb

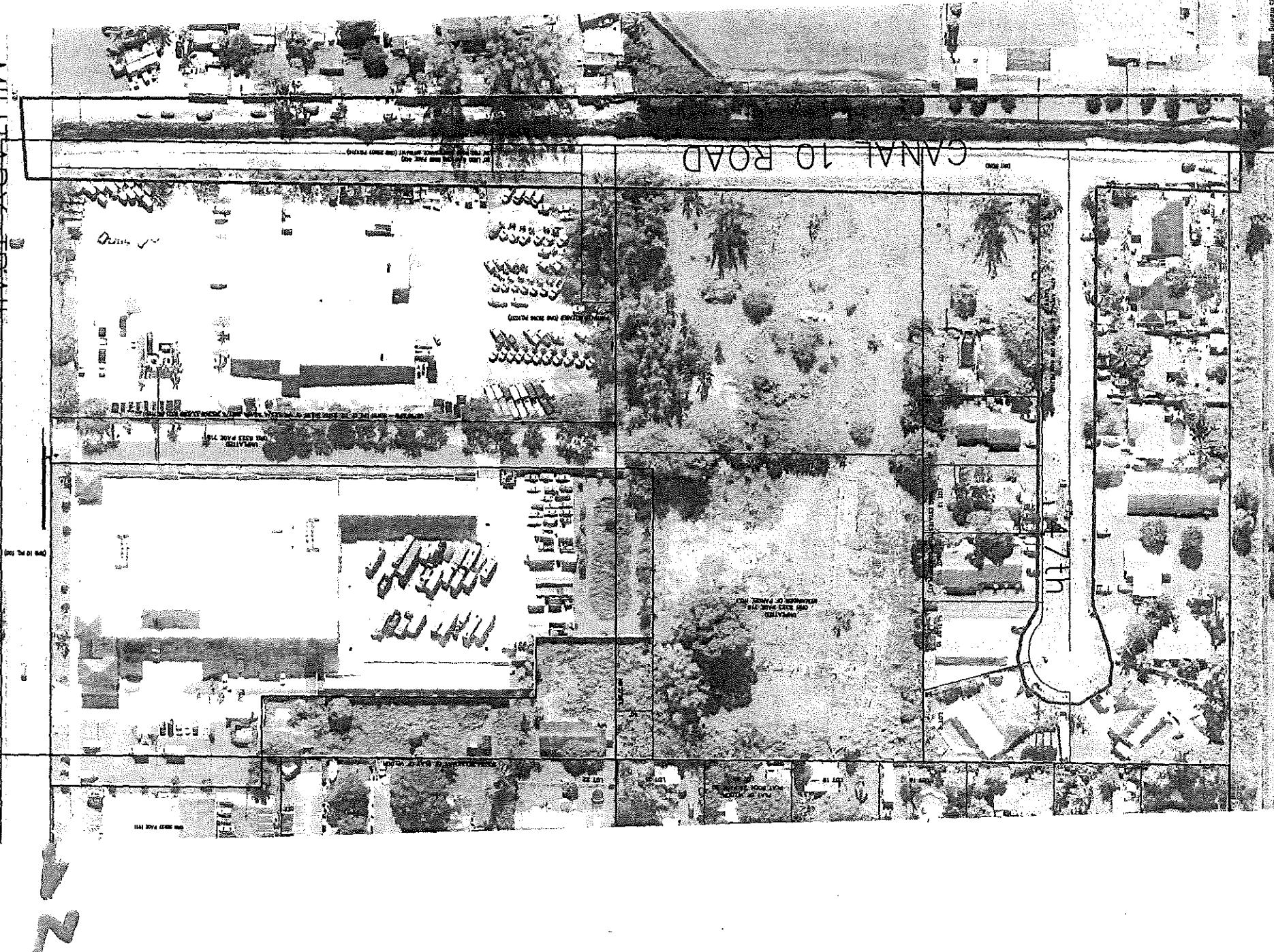
Estimate of Work Effort and Cost

Project Activity 14: Survey - Field						
Task No.	Task	Units	No of Units	Hours/Unit	Total Hours	Comments
14.1	Horizontal Project Control (HPC)					
	2-Lane Roadway	LF	1	8	8	
	Multi-lane Roadway	LF	0	0	0	
14.2	Vertical PC / Bench Line					
	2-Lane Roadway	LF	1	12	12	
	Multi-lane Roadway	LF	0	0	0	
14.3	Reference Points					
	2-Lane Roadway	EA	1	9	9	
	Multi-lane Roadway	EA	0	0	0	
14.4	Baseline Layout	LF	1	4	4	
14.5	Section, Subdivision & Property Ties	EA	1	14	14	
14.6	Topography/DTM (3D)	LF	1	21	21	
14.7	Cross Sections	EA	1	21	21	
14.8	Side Street Surveys	LF	0	0	0	
14.9	SUE	EA	0	0	0	
14.10	Locates - Pothole	EA	0	0	0	
14.11	Outfall Survey	LF	0	0	0	
14.12	Drainage Survey	EA	1	2	2	

Task No.	Task	Units	No of Units	Hours/Unit	Total Hours	Comments
14.13	Bridge Survey	EA	1	0	0	
14.14	Canal Survey	LF	1	10	10	
14.15	Channel Survey and Soundings	LS	1	0	0	
14.16	Pond Site Survey	EA	0	0	0	
14.17	Jurisdictional Line Survey	LS	1	0	0	
14.18	Tree Survey	LS	1	3	3	
14.19	Route/Corridor Survey	LF	0	0	0	
14.20	Boundary Survey	LS	1	0	0	
14.21	Topographic Survey	LS	1	0	0	
14.22	Specific Purpose Survey	LS	1	0	0	
14.23	Hydrographic Survey	LS	1	0	0	
14.24	Quantity Survey	LS	1	0	0	
14.25	Record/As-Built Survey	LS	1	0	0	
14.26	R/W Staking					
	Parcel	EA	0	0	0	
	R/W Line	LF	0	0	0	
14.27	Meetings	EA	0	0	0	(LIST)
14. Survey - Field Total					104	

Project Activity 15: Survey Plans						
Task No.	Task	Units	No. of Units	Hours/ Unit or Sheet	Total Hours	Comments
15.1	Alignment	LF	1	3	3	
15.2	Section and 1/4 Section Lines	Section	0	0	0	
15.3	Subdivisions / Property Lines	EA	1	6	6	
15.4	Existing R/W	LF	1	0	0	
15.5	Topography	LF	1	11	11	
15.6	Parent Tract Properties/Existing Easements	EA	0	0	0	
15.7	Title Review	LS	1	41	41	
15.8	Jurisdictional/Agency Lines	LF	0	0	0	
15.9	Survey Key Sheet	Sheet	1	1	1	
15.10	Survey Detail & Legend Sheet	Sheet	1	1	1	
15.11	Reference Point Sheet	Sheet	1	1	1	
15.12	Project Control Sheet	Sheet	1	1	1	
15.13	Specific Purpose & Topographic Survey	Sheet	1	79	79	
15.14	Boundary Survey	EA	0	0	0	(LST)
15.15	Technical Meetings	EA	0	0	0	(LST)
15. Survey Plans Total					144	

MILITARY TRAIL





4

August 15, 2025

Michael B. Schorah & Associates
1850 Forrest Hill Boulevard
West Palm Beach, Florida 33406

Attention: Martha Carter, P.E., CFM
Phone: (561) 968-0080
Email: mcarter@schorah.com

Re: Scope of Services for Geotechnical Engineering Services
Kelly / Kenwood Estates CCRT 2025908
SW 47th Ave, Canal 10 Road and Odmann Avenue
West Palm Beach, Florida 33415
PACIFICA Proposal No.: 610-120113110

Dear Ms. Carter:

In accordance with the studies provided by **Michael B. Schorah & Associates, Pacifica Engineering Services, LLC (PACIFICA)**, is pleased to submit this scope of services to perform a subsurface exploration program for the above-referenced project. Included herein is our understanding of the proposed development along with a scope of services, cost estimates, and anticipated schedules.

It is understood that plans for this project include drainage and roadway improvements in assistance with the Local Roadway Program (LRP) of SW 47th Avenue, Canal 10 Road and Odmann Avenue within the Kelly / Kenwood Estates located in West Palm Beach, Florida.

GEOTECHNICAL SCOPE OF SERVICES

Based on the requested scope and locations, PACIFICA proposes to perform the following geotechnical field services:

Basic Services

- eight (8) Standard Penetration Test (SPT) borings to a depth of 10 feet below existing grades at 200 feet intervals along Canal 10 Road and SW 47th Avenue;
- three (3) Standard Penetration Test (SPT) borings to a depth of 10 feet below existing grades at 200 feet intervals along Odmann Avenue;
- a total of four (4) percolation tests at a depth of 10 feet below existing grades (three tests within Canal 10 Road and SW 47th Avenue and one test within Odmann Avenue); and
- one (1) pavement core within the Odmann Avenue and Clinton Boulevard intersection.

The SPT borings will be performed with truck-mounted machinery using rotary drilling procedures. Samples of the in-place materials will be recovered with a standard split barrel driven with a 140-pound hammer falling 30 inches (the Standard Penetration Test in accordance with ASTM D1586). After completion of drilling, all boreholes will be grouted, asphalt hot-mix patch applied not in the wheel path, where needed, and the site generally cleaned, as required.

Underground utility clearance will be required prior to the commencement of the geotechnical field exploration. Therefore, PACIFICA will contact "Sunshine One-Call" Service to obtain underground public utility clearance. PACIFICA understands that private utilities will be marked by others prior to each mobilization.

Due to the proximity of the boring locations to the roadway, Maintenance of Traffic (MOT) will be needed for partial lane closures to perform some of the geotechnical scope of work. PACIFICA will submit MOT plans with an estimated schedule in accordance with FDOT standards for **PBC** approval prior to the start of fieldwork. PACIFICA will use FDOT Maintenance of Traffic (MOT) Plans Design Standards Index Series 600 when developing MOT plans.

GEOTECHNICAL REPORT DELIVERABLES

After the geotechnical field exploration is completed, a geotechnical engineer will review the soil samples and select samples will be tested for physical properties such as gradation, moisture content and organic content, if deemed necessary. The results of the geotechnical exploration will be transmitted in a report which will specifically contain the information listed below:

1. a location plan of the site showing the location of the soil borings and percolation tests;
2. logs of the exploratory borings will be provided, which furnish the results of the SPT sampling;
3. results of the percolation tests, including hydraulic conductivity "k" values;
4. the existence of organic soils or any other soil conditions;
5. groundwater readings during the time of field exploration;
6. on-site soil suitability;
7. pavement core datasheet which will include depth of core and crack depth (if any), base depth, and material type; and
8. pavement core photo documentation.

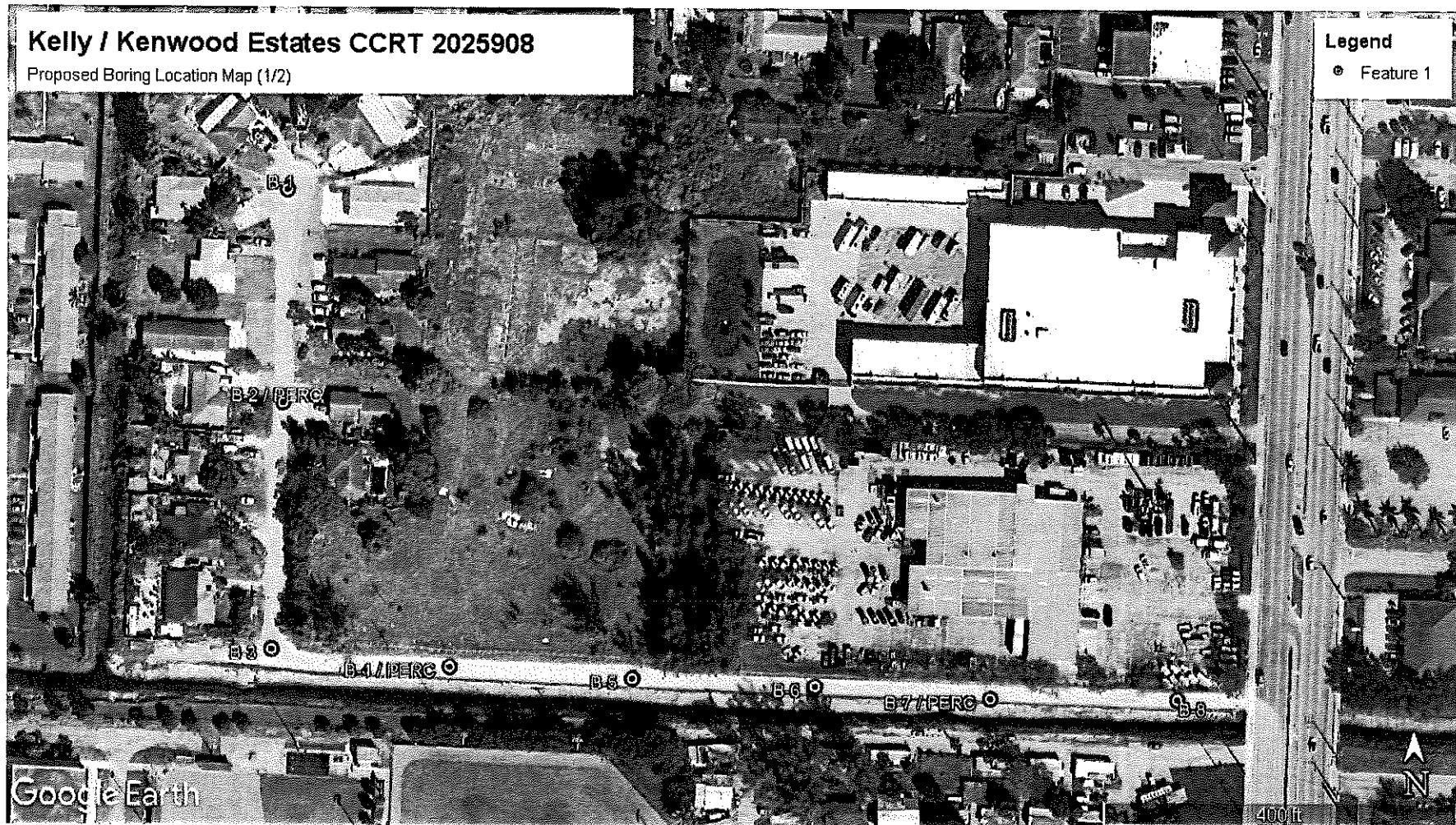
GEOTECHNICAL SCHEDULE

Our study can begin one day after we receive authorization to proceed. We will start drilling after public underground utilities have been located and identified, which may take 2-4 business days. The geotechnical field exploration should be completed in 2 business days. Laboratory testing should be completed within one week following final field demobilization. The written report of the subsurface exploration will be available within two weeks following the completion of final laboratory testing. We estimate that our study will be completed within 4 weeks of your notice to proceed.



COST BREAKDOWN

DESCRIPTION	UNIT	# OF UNITS	UNIT RATE	TOTAL
I. FIELD EXPLORATIONS				
Mobilization of Drill Equipment (50-mile travel)	each	1.0	\$490.00	\$490.00
Engineering Technician (Site Reconnaissance, Boring Layout and Underground Utility Clearance) (Raw Rate: \$31*2.94)	hour	6.0	\$91.14	\$546.84
Standard Penetration Tests - Truck Rig (0' - 50')	feet	110.0	\$16.00	\$1,760.00
Grout Bore Hole (0 to 50 Feet)	feet	110.0	\$6.40	\$704.00
Coring Machine plus Generator Rental	trip	1.0	\$380.00	\$380.00
Asphalt Core	each	1.0	\$85.00	\$85.00
Percolation Test	each	4.0	\$390.00	\$1,560.00
II. SOIL & AGGREGATE TESTING				
Organic Content Test	each	3.0	\$55.00	\$165.00
Natural Sample Moisture Content	each	3.0	\$20.00	\$60.00
Grain size determination: Full grain size (8 sieves)	each	3.0	\$78.00	\$234.00
Grain size determination: Wash through (#200)	each	3.0	\$60.00	\$180.00
III. ENGINEERING SERVICES (MULTIPLIER: 3)				
Principal Engineer, P.E. (Raw Rate: \$84.01*2.94)	hour	1.0	\$247.25	\$247.25
Senior Engineer (Raw Rate: \$69.3*2.94)	hour	10.0	\$203.74	\$2,037.40
Engineer, P.E. (Raw Rate: \$49.05*2.94)	hour	16.0	\$144.21	\$2,307.36
Drafter / CADD (Raw Rate: \$31.35*2.94)	hour	10.0	\$92.17	\$921.70
IV. Maintenance of Traffic (MOT)				
Maintenance of Traffic (MOT) including MOT Plan	day	1.0	\$1,450.00	\$1,450.00
MOT Plan and MOT Permitting	hour	2.0	\$180.00	\$360.00
Advance MOT Technician	hour	8.0	\$99.99	\$799.92
ESTIMATED GEOTECHNICAL BASIC FEE				\$14,288.47





OEBO SCHEDULE 1*

SOLICITATION/PROJECT/BID NAME: Kelly / Kenwood Estates CCRT

SOLICITATION/PROJECT/BID NO.: 2025908

SOLICITATION OPENING/SUBMITTAL DATE: May 14, 2024

COUNTY DEPARTMENT: Roadway Production

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: Michael B. Schorah & Associates, Inc.

ADDRESS: 1850 Forest Hill Boulevard, Suite 206, WPB, FL 33406

CONTACT PERSON: Martha H. Carter, P.E., CFM

PHONE NO.: 561-968-0080 E-MAIL: mcarter@schorah.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$181,311.20

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)		<u>DOLLAR AMOUNT OR PERCENTAGE OF WORK</u>
	<u>Non-SBE</u>	<u>SBE</u>	
1. Brown & Phillips, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$45,665.88
2. PACIFICA Engineering Services, LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$14,288.47
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 \$59,954.35

Total Bid/Offer Price \$ 241,265.55

Total Certified SBE Participation \$ 241,265.55

I hereby certify that the above information is accurate to the best of my knowledge: Martha H. Carter, P.E., CFM

Vice President

Name & Authorized Signature

Title

Note: 1. 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.

2. Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.

3. Modification of this form is not permitted and will be rejected upon submittal.

4. 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.

OEBO LETTER OF INTENT – SCHEDULE 2*

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: 2025908

SOLICITATION/PROJECT NAME: Kelly / Kenwood Estates CCRT

Prime Contractor: Michael B. Schorah & Associates Inc. Subcontractor:

(Check box(s) that apply)

 SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 6/22/24-6/21/27

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	Civil Engineering Basic Services	\$169,797.60	1 / LS	-	\$169,797.60
2	Civil Engineering Optional Services	\$11,513.60	1 / LS	-	\$11,513.60

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: \$181,311.20

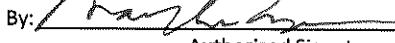
If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: _____

Michael B. Schorah & Associates, Inc.

Print Name of Prime


 By: _____
 Authorized Signature

Print Name of Subcontractor/subconsultant

Martha H. Carter, P.E., CFM

Print Name

Vice President

Title

Date: November 11, 2025

Print Name

Title

Date: _____

OEBO LETTER OF INTENT - SCHEDULE 2*

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: 2025908SOLICITATION/PROJECT NAME: Kelly / Kenwood Estates CCRTPrime Contractor: Michael B. Schorah & Associates, Inc. Subcontractor: Brown & Phillips, Inc.(Check box(s) that apply) SBE Non-SBE SupplierDate 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	Specific Purpose / Topographic Survey	\$37,865.88	1 / LS	-	\$37,865.88
2	Legal Description and Sketch	\$650.00	12 / EA	-	\$7,800.00

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: \$45,665.88

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 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: _____

Michael B. Schorah & Associates, Inc.

Print Name of Prime

By: 
Authorized Signature

Brown & Phillips, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Martha H. Carter, P.E., CFM

Print Name

Vice President

Title

Date: November 11, 2025

Anthony S. Brown

Print Name

CEO

Title

Date: November 11, 2025

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: 2025908

SOLICITATION/PROJECT NAME: Kelly / Kenwood Estates CCRT

Prime Contractor: Michael B. Schorah & Associates Inc. Subcontractor: PACIFICA Engineering Services LLC
(Check box(s) that apply)

SBE Non-SBE Supplier

Date of Palm Beach County Certification (if applicable): 10/25/24-10/24/27

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.

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: \$14,288.47

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 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: _____

Print Name of Prime

Print Name of Prime

By: John Doe
Authorized Signature

PACIFICA Engineering Services LLC

Print Name of Subcontractor/subconsultant

By: _____

Martha H. Carter, P.E., CFM

Print Name

Vice President

Title

Date: November 11, 2025

Wesley Foster

Print Name

Title

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025.

Civil Engineering Professional Continuing Services Contract

Project # 2024055 - R2025-0548

This Schedule is subject to the provisions of Emergency Ordinance 2025-014 approved by the BCC on June 3, 2025. As a result, the M/WBE participation is not enforceable.



**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
DX00003078	Michael B. Schorah & Associates, Inc.		Compliant					2024055	Civil Engineering Professional Continuing Services Contract
		A+g , XV	Southern-Owners Insurance Company	5262344401	12/3/2025	12/3/2026	Excess Liability		
		A+g , XV	Southern-Owners Insurance Company	72623467	12/3/2025	12/3/2026	General Liability		
		Ap , XV	QBE Insurance Corporation	ANE3837605	12/3/2025	12/3/2026	Professional Liability		
		A+g , XV	Transportation Insurance Company	wc680246586	12/3/2025	12/3/2026	Workers Comp		

Risk Profile : Standard - Professional Services

Required Additional Insured : Palm Beach County Board of County Commissioners

Ownership Entity :