

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date:	May 6, 2025	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Regular
		<input type="checkbox"/> Workshop	<input type="checkbox"/> Public Hearing
Department:	Engineering and Public Works Department		
Submitted By:	Engineering and Public Works Department		
Submitted For:	Roadway Production Division		

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Supplement No. 1 (Supplement) in the amount of \$566,075.29 to the Work Task Order dated February 12, 2020 (WTO) under the Intersection Improvements Annual Services Contract (R2017-0778), dated June 20, 2017 (Contract) with Colliers Engineering & Design, Inc. (CED) for the Palmetto Park Road and Lyons Road Intersection Improvement (Project).

SUMMARY: Approval of this Supplement will provide the professional services necessary to prepare design plans and construction bid documents for the Project. The Project will add northbound and southbound through lanes and a westbound right turn lane, extend the southbound dual left turn lanes, and replace the span wire traffic signals with mast arms. This Project was presented to the Goal Setting Committee on February 6, 2019 and the Committee established an Affirmative Procurement Initiative (API) of a 20% minimum mandatory Small Business Enterprise (SBE) participation. The proposed SBE participation for this Supplement is 24.23%. To date, the overall SBE participation achieved on this Contract is 22.46%. CED has an office located in Palm Beach County. **This Project is included in the Five-Year Road Program. District 5 (YBH)**

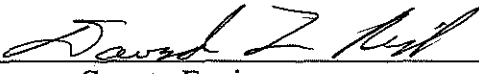

Background and Justification: On June 20, 2017 the Board of County Commissioners (BCC) approved the Contract with CED to provide the professional services required for road intersection improvements throughout the County. The fee, as detailed in **Exhibit B** of the attached Supplement, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$ 339,951.02	(Roadway Analysis & Plans, and Drainage Analysis & Plans, Utilities, Permitting, Structures, Signing & Pavement Marking, Signal Analysis & Plans)
Reimbursable Services (Not to Exceed)	\$189,314.80	(Permit Fees, Geotechnical & Survey)
Optional Services (Not to Exceed)	\$ 36,809.47	(Post Design & Structures)
Total:	\$566,075.29	

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

Attachments:

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

Recommended by:		4/4/2025
YBH/TEL #	County Engineer	Date
Approved By:		4/21/25
	Deputy County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2025	2026	2027	2028	2029
Capital Expenditures	\$699,076	-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	\$699,076	-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 3500 Dept 361 Unit 1897 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvmt Fund/Palmetto Par Rd and Lyons Rd Intersection Improvements

Supplement No. 1

• Basic Services	\$339,951.02
• Reimbursable	\$189,314.80
• Optional Services	\$ 36,809.47
Total Supplement No.1	\$566,075.29

Estimated Staff Costs

• Roadway Production	\$ 83,000.00
• Roadway Production:Right of Way	\$ 15,000.00
• Survey	\$ 15,000.00
• Traffic	\$ 20,000.00
Total Staff Costs Fiscal Impact	\$133,000.00

Fiscal Impact

\$699,075.29

C. Departmental Fiscal Review:

Darney Ramlal Singh

III. REVIEW COMMENTS

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

Shirley M. ... 4/17/2025
OFMB
MD 4/1

Brundage ... 4/18/25
Contract Dev. and Control
26.4.8.25

B. Approved as to Form
and Legal Sufficiency:

MP ... 4/17/25
Assistant County Attorney

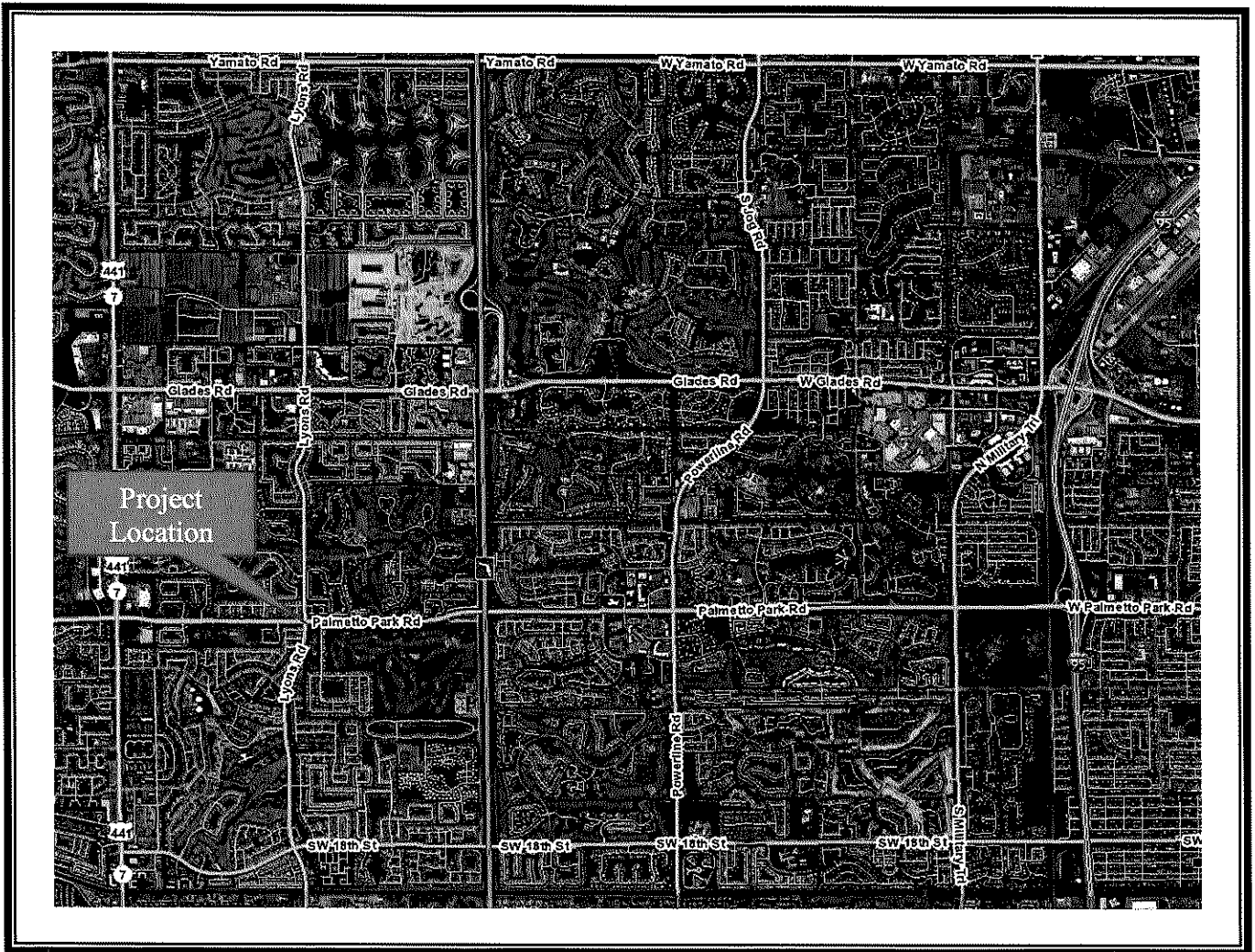
C. Other Department Review:

Department Director

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

PALMETTO PARK ROAD AND LYONS ROAD INTERSECTION IMPROVEMENT

Palm Beach County Project #2018107



LOCATION MAP

ATTACHMENT 1

SUPPLEMENT NO. 1 TO THE WORK TASK ORDER
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL SERVICES CONTRACT

Project Name: **Palmetto Park Road and Lyons Road Intersection Improvement**

Project No: **2018107**

Comm. District No.: **5**

	SBE
Participation for this authorization	24.23%
Participation to date for this Contract	22.46%
Contract Commitment	20%
This authorization is under the SBE Ordinance.	

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS

Account No.: 3500-361-1897-6505

Supplement No. 1 to a Work Task Order dated February 12, 2020 (WTO) under the Intersection Improvement Annual Services Contract dated June 20, 2017 (R2017-0778), amended on May 1, 2018 (R2018-0634), January 15, 2019 (R2019-0020), June 4, 2019 (R2019-0711) and November 16, 2021 (R2021-1687); and (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: Colliers Engineering & Design, Inc.
2. Address: 7284 West Palmetto Park Road, Suite 201-S, Boca Raton, Florida 33433
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 Palmetto Park Road and Lyons Road Intersection Improvement project. Design roadway improvements, survey and permitting at the intersection of Palmetto Park Road and Lyons Road in accordance with the attached **EXHIBIT A** dated January 16, 2025.
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	\$339,951.02
<input checked="" type="checkbox"/> Reimbursable Expenses capped at	\$189,314.80
<input checked="" type="checkbox"/> Optional Services capped at	<u>\$ 36,809.47</u>
Totaling	\$566,075.29

☒ OEBO Schedules 1 & 2 **EXHIBIT C**
☒ Project History **EXHIBIT D**
6. All terms of the CONTRACT, as amended, shall apply to this Supplement.

SUPPLEMENT NO. 1 TO THE WORK TASK ORDER
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL SERVICES 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, as amended.

CONSULTANT: **Colliers Engineering & Design Inc.**

Federal ID: 22-2651610

Signed: _____

Typed Name: Leonardo E. Ponzio

Title: Executive Vice President/CAO

Date: 3/27/2025

(Corporate Seal)

ATTEST WITNESS:

Signed: _____

Typed Name: Jenna Muldoon

Title: Executive Assistant

Date: 3/27/2025

COUNTY:

Approved as to Terms and Conditions

By: _____

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

Title: Division Director

SUPPLEMENT NO. 1 TO THE WORK TASK ORDER
UNDER THE INTERSECTION IMPROVEMENTS ANNUAL 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: Maria G. Marino

Title: Mayor

Date: _____

ATTEST:

Joseph Abruzzo
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

F:\ROADWAY\CCN\ANNUALS\INTERSECTION\Colliers Engineering\2018\2018107 Palmetto and Lyons\Supplement 1\CSA and Supplement
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OK MK 1-16-25

OK AB 1-22-25

SCOPE OF SERVICES

PBC Project Number 2018107

Palmetto Park Rd and Lyons Rd Intersection Improvement

Date: 1/16/2025

The subject project consists of survey, civil engineering and permitting at the intersection of Palmetto Park Road and Lyons Road.

Colliers Engineering and Design, Inc. will provide Palm Beach County the required engineering services to develop final contract documents, including plans, specifications, quantities and construction cost estimates for the Palmetto Park Road and Lyons Road intersection improvement as follows:

- Alternative 3 (Eliminates the 2nd NB LT lane) is the preferred alternative.
- Additional third SB through lane will be terminated as a dropped RT turn lane at SW 3rd Street and extend to Vista del Lago.
- Additional third NB through lane will start at SW 1st Drive and terminate as a dropped RT turn lane at Boca Lago Blvd.
- The NB through lanes north of the intersection with Palmetto Park Road will be shifted into the existing 40' median to avoid RW impacts.
- The alignment shift for the NB lanes will be transitioned back to the existing alignment north of Boca Lago Blvd and terminate prior to the golf cart crossing.
- The existing median opening at Old Pine Road will be closed.
- The east side sidewalk along Lyons Road will be extended to Boca Lago Blvd.
- The WB RT turn lane will be modified to a 50' taper in order to increase the storage capacity.
- A proposed sidewalk will be introduced on the north side of Palmetto Park Road east of Lyons Road.
- Extend WB double LT turn lanes 500 feet east along Palmetto Park Road.
- A dedicated EB RT turn lane will be added just east of Lyons Rd for vehicles turning onto Ensenada Way.
- Address drainage impacts as needed.
- Address ADA ramps and accessibility.
- Mill and resurface entire project limits for restriping purposes.
- Provide signing and pavement markings (for informational purposes only) for the impacted limits.
- Replace the existing span wire mounted traffic signal with new mast arm mounted system at three intersections (Palmetto Park Rd at Lyons Rd, Boca Lago Blvd at Lyons Rd, and Vista Del Lago at Lyons Rd). The new traffic signal will be fitted with PBC approved light fixtures. No illuminance calculations are required.
- Replace signal controllers
- Provide ADA compliant countdown pedestrian signals
- Provide loop detection systems
- Provide internally illuminated street signs to be mounted on the signal mast arms

- Structural analysis for proposed mast arms
- Prepare Initial Utility Contact Plans and utility conflict matrix.
- Attend utility coordination meetings at 65% and 96% submittals.
- The Roadway Production Utility Coordinator will determine which utility companies should be contacted. The PBC Traffic Division shall be included in all utility coordination.
- Research existing permits and coordinate permit requirements. Potential permits required include, but are not limited to, South Florida Water Management District ERP and Lake Worth Drainage District RW Occupancy.
- Obtain permits as needed.
- Create computation book cover sheet, plan sheets and tabulation sheets. Compile into computation book for 96%, 100%, and Final submittals.
- Provide 11 x 17 plans
- Provide cost estimates with 65%, 96%, 100% and Final submittals
- Provide CADD files with all submittals
- Final Plans package shall consist of plans, cost estimates and computation books.

Survey

- Land and engineering surveying, to be provided as required to design the proposed improvements.

Geotechnical

- Geotechnical investigation (soil borings) for signal mast arm pole placement and roadway widening.

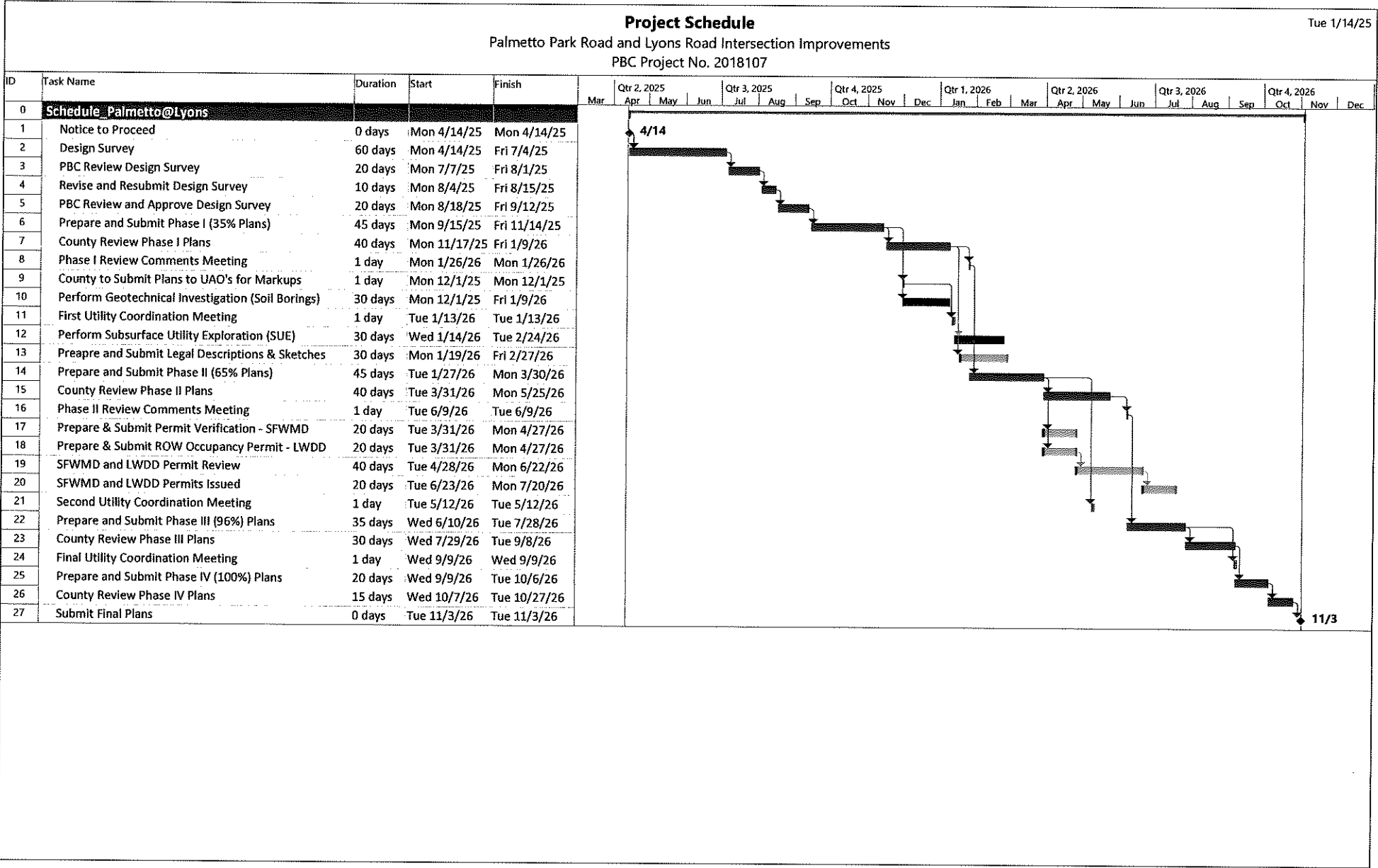
Subsurface Utility Exploration

- Utility Designations for the full project limits
- Stake out and provide 10' Radius designations at proposed Mast Arm sites.
- Individual Test Hole Reports and a Summary of Verified Utilities will be provided (for signals only).

Optional Services:

- Post design services to attend pre-bid and pre-construction meetings, reviews, RFIs, shop drawing reviews and other services as requested.
- Signal As-Builts Plans
- Signal Technical Specifications
- Mast Arm Special Foundation Design

Basic Services	Reimbursable Services	Optional Services
Phase I (35%) Plans	Design Survey Geotechnical Investigation	Post Design Support Signal As-Builts/Tech Specs
Phase II (65%) Plans	Subsurface Utility Exploration	Mast Arm Special Foundation
Phase III (96%)	Permits	
Phase IV (100%)		
Final Plans (S&S)		



ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:
County:
Palm Beach County Project Number

Palmetto Park Road at Lyons Road Intersection Improvements
Palm Beach
2018107

Consultant Name: Colliers Engineering & Design, Inc.
Date: 1/15/25
Estimator: Anthony Sfameni, PE

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Chief Engineer	Senior Engineer	Senior Project Engineer	Engineer	Engineer Intern	Designer	CADD / Technician	SUE Crew hourly (2-man Crew)	Survey Crew hourly (2-man Crew)	Staff Hours By Activity	Salary Cost By Activity	Average Rate Per Task
		\$78.79	\$87.79	\$69.55	\$53.33	\$39.41	\$30.96	\$35.46	\$20.00	\$60.00	\$60.00			
4. Roadway Analysis	912	137	46	109	164	183	164	91	18	0	0	912	\$47,035.97	\$51.57
5. Roadway Plans	269	40	13	27	46	46	48	27	22	0	0	269	\$13,320.26	\$49.52
6a. Drainage Analysis	172	26	9	21	31	34	31	17	3	0	0	172	\$8,914.95	\$51.83
6b. Drainage Plans	144	22	7	14	24	24	26	15	12	0	0	144	\$7,124.23	\$49.47
7. Utilities	87	13	4	10	16	17	16	9	2	0	0	87	\$4,448.68	\$51.13
8. Environmental Permits, Compliance & Clearances	152	23	8	18	27	30	27	15	4	0	0	152	\$7,836.42	\$51.56
18. Structures - Miscellaneous	124	19	6	15	22	25	22	12	3	0	0	124	\$6,392.15	\$51.55
19. Signing & Pavement Marking Analysis	202	20	10	16	20	40	36	34	26	0	0	202	\$9,049.70	\$44.80
20. Signing & Pavement Marking Plans	55	6	3	4	4	11	11	8	8	0	0	55	\$2,445.38	\$44.46
21. Signalization Analysis	180	18	9	14	18	36	32	31	22	0	0	180	\$8,090.71	\$44.95
22. Signalization Plans	107	11	5	9	9	21	21	16	15	0	0	107	\$4,756.69	\$44.46
Total Staff Hours	2,404	335	120	257	381	467	434	275	135	0	0	2,404		
Total Staff Cost		\$26,394.65	\$10,534.80	\$17,874.35	\$20,318.73	\$18,404.47	\$13,436.64	\$9,751.50	\$2,700.00	\$0.00	\$0.00		\$119,415.14	\$49.67

Optional Services

27. Survey (Field & Office Support)	125	2	1	10	4	10	10	13	17	29	29	125	\$6,139	\$49.11
Roadway Post Design	40	6	2	5	7	8	8	4	0	0	0	40	\$2,074.18	51.85
Signal Post Design	54	8	3	7	9	10	10	7	0	0	0	54	\$2,812.43	52.08
Signal Technical Specifications	18	3	1	2	2	4	4	2	0	0	0	18	\$922.32	51.24
Structures Special Mast Arm Foundation	16	2	2	4	4	4	0	0	0	0	0	16	\$982.32	61.40
Total Staff Hours	253	21	9	28	26	36	32	26	17	29	29	253		
Total Staff Cost		\$1,654.59	\$790.11	\$1,947.40	\$1,386.58	\$1,418.76	\$990.72	\$921.96	\$340.00	\$1,740.00	\$1,740.00		\$12,930.12	\$51.11

Basic Services:
Salary Related Costs: \$119,415.14
Contract Multiplier = 2.8468 \$339,951.02
Subtotal Basic Services: \$339,951.02

Reimbursables:
Design Survey (Brown & Phillips, Inc.) \$30,550.80
Geotechnical Investigation - Roadway (GCME, Inc.) \$67,304.00
Geotechnical Investigation - Signal (GCME, Inc.) \$39,340.00
Utility Designating \$29,070.00
Utility Locating - 60 test holes @ \$375 each \$22,500.00
Permits: SFWMD Permit Modification Fee \$250.00
LWDD Occupancy Permit Fee \$300.00
Subtotal Reimbursables: \$189,314.80

Optional Services:
Salary Related Costs: \$12,930.12
Contract Multiplier = 2.8468 \$36,809.47
Subtotal Optional Services: \$36,809.47
Grand Total Estimated Fee: \$566,075.29

Project Activity 4. Roadway Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Typical Section Package	LS	1	8	8	
4.5	Horizontal /Vertical Master Design Files	LS	1	386	386	Lyons Rd (4400 ft) 0.83 mi + Palmetto Park (1300 ft) 0.25 mi = 1.08 mile Middle Range 1.08 miles @ 280 hrs per mile = 280 hrs 4 Intersection (SW 3rd St, Palmetto Park, Vista Lago, Boca Lago) @ 16 hrs = 64 hrs Utility conflict resolution: 7 UAOs identified in Design Ticket at 2 hrs each/submittal (65%, 96%, 100%) = 42 hrs
4.9	Cross Section Design Files	LS	1	216	216	Middle Range 100 hrs per mile 100 x 0.83 mi (Lyons Rd @ 50' spacing) = 166 hrs 100 x 0.25 mi (Palmetto Park Rd @ 50' spacing) = 50 hrs
4.16	Quantities	LS	1	200	200	Computation Book (11 plan sheets for most quantities and summary tables)
4.17	Cost Estimate	LS	1	20	20	Initial Estimate (includes quantities) at 12 hrs + 2 updates @ 4 hrs each
Roadway Analysis Technical Subtotal					830	
4.20	Field Reviews	LS	2	8	16	2 field reviews for 2 people at 4 hrs each
4.22	Technical Meetings	LS	1	66	66	Meetings are listed below
Roadway Analysis Nontechnical Subtotal					82	
4. Roadway Analysis Total					912	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
Masterplan	EA	1	2	2		0
35/65/96/100% Comment Review Meetings	EA	4	6	24		0
Other Meetings (PBC Engineering/Traffic, Survey, Geotech, SUE)	EA	10	4	40		0
Subtotal Technical Meetings				66	Subtotal Project Manager Meetings	0
Total Meetings				66	Total Project Manager Meetings (carries to Tab 3)	0

Carries to 4.17

Carries to Tab 3

Project Activity 5. Roadway Plans

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Key Sheet		Sheet	1	6	6	
5.2	Summary of Pay Items Including Quantity Input		Sheet	1	12	12	
5.3	Typical Section Sheets						
5.3.1	Typical Sections		EA	4	6	24	3 Typical Sections along Lyons Rd, 1 Typical Section along Palmetto Park Rd
5.3.2	Typical Section Details		EA	4	6	24	Curb & Gutter adjacent to widening, Curb & Gutter adjacent to exit pavement, Traffic Separator Placement, Guardrail
5.4	General Notes/Pay Item Notes		Sheet	1	8	8	
5.5	Summary of Quantities Sheets		Sheet	1	16	16	
5.9	Plan Sheet		Sheet	11	6	66	8 sheets at 1" = 40' along Lyons Rd 3 sheets at 1" = 40' along Palmetto Park Rd
5.14	Intersection Layout Details		Sheet	1	12	12	Intersection Grading at Palmetto Park Rd and Lyons Rd
5.15	Special Details		EA	1	8	8	open flume details
5.17	Roadway Soil Survey Sheet(s)		Sheet	2	1	2	
5.18	Cross Sections		EA	114	0.5	57	88 along Lyons Rd at 50' spacing 26 along Palmetto Park Rd at 50' spacing
5.25	Project Network Control Sheet(s)		Sheet	11	2	22	Control Points Layout. When centerline of construction is created, we have to create are own PNC sheets. Centerline is different from baseline - baseline is provided by survey.
5.27	Utility Verification Sheet(s) (SUE Data)		Sheet	1	12	12	
Roadway Plans Technical Subtotal						269	
5. Roadway Plans Total						269	✓

Project Activity 6a. Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.1	Drainage Map Hydrology	Per Map	1	16	16	for use with spread calculations only
6a.7	Design of Stormwater Management Facility (Roadside Treatment Swales and Linear Ponds)	Per Cell	3	10	30	regrading of swales in areas along Lyons Rd and Palmetto Park Rd at 3 locations.
6a.9	Design of Storm Drains	EA	22	3	66	14 structures along Lyons Rd; 8 along Palmetto Park Rd
6a.19	Existing Drainage Analysis	LS	1	16	16	Research existing drainage system
6a.20	Other Drainage Analysis	LS	4	8	32	Spread Analysis is needed to document if additional curb inlets are required. Spread will be analyzed along 4 legs.
Drainage Analysis Technical Subtotal					160	
6a.21	Field Reviews	LS	1	8	8	2 people at 4 hrs each
6a.22	Technical Meetings	LS	1	4	4	Meetings are listed below
Drainage Analysis Nontechnical Subtotal					12	
6a. Drainage Analysis Total					172	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Local Governments (cities, counties)	EA	1	4	4	This is the effort to coordinate with PBC engineering and public works dept. to obtain existing plans within our project.		0
Subtotal Technical Meetings				4			0
Total Meetings				4	Total Project Manager Meetings (carries to Tab 3)		0

Carries to 6.19

Carries to Tab 3

Project Activity 6b. Drainage Plans

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
6b.3	Summary of Drainage Structures		Sheet	1	16	16	
6b.5	Drainage Structure Sheet(s) (Per Structure)		EA	22	2	44	
6b.6	Miscellaneous Drainage Detail Sheets		Sheet	2	8	16	special design for closed flume inlets
6b.7	Lateral Ditch Plan/Profile		Sheet	3	8	24	regrading of swales in areas along Lyons Rd and Palmetto Park Rd at 3 locations.
6b.11	Erosion Control Plan Sheet(s)		Sheet	11	4	44	needed for permitting
Drainage Plans Technical Subtotal						144	
6. Drainage Plans Total						144	✓

Project Activity 7. Utilities

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7.2	Identify Existing Utility Agency Owners (UAO(s))	LS	1	1	1	7 UAO's were identified
7.6	Individual/Field Meetings	LS	2	3	6	Assume 2 UAOs require field meetings at 3 hrs each
7.7	Collect and Review Plans and Data from UAO(s)	LS	7	4	28	4 hrs per UAO x 7 UAOs (includes implementing utilities into plans)
7.9	Utility Design Meeting	LS	2	8	16	2 meetings with PBC Utility Coordinator and UAO's, includes preparation, attendance and minutes
7.11	Utility Coordination/Followup	LS	5	4	20	assume 5 UAO's needing further coordination at 4 hrs each.
7.12	Utility Constructability Review	LS	1	8	8	Includes preparing Utility Conflict Matrix
7.17	Other Utilities	LS	4	2	8	review utility permit - assume 4 permits
7. Utilities Total					87 ✓	

Project Activity 8. Environmental Permits

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
	Environmental Permits, Compliances and Clearances					
8.1	Preliminary Project Research	LS	1	16	16	Obtain existing permits from LWDD & SFWMD evaluate permit impacts
	Permits					
8.2	Field Work					
8.4	Complete And Submit All Required Permit Applications					
8.4.1	Complete and Submit All Required Wetland Permit Applications	LS	1	96	96	SFWMD ERP Permit (48), LWDD Permit (48)
8.7	Prepare Water Management District Right-of-Way Occupancy Permit	LS	1	24	24	LWDD
	Environmental Permits, Compliance, and Clearances/Reevaluations Technical Subtotal				136	
8.17	Technical Meetings	LS	1	16	16	
	Environmental Permits, Compliance and Clearances Nontechnical Subtotal				16	
	8. Environmental Permits, Compliance and Clearances Total				152	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
WMD: LWDD (2), SFWMD (2)	EA	4	2	8		0
NMFS	EA	0	0	0		0
USACE	EA	0	0	0		0
USCG	EA	0	0	0		0
USFWS	EA	0	0	0		0
FFWCC	EA	0	0	0		0
FDOT	EA	0	0	0		0
Other Meetings (PBC ERM)	EA	2	4	8		0
Subtotal Technical Meetings				16	Subtotal Project Manager Meetings	0
Total Meetings				16	Total Project Manager Meetings (carries to Tab 3)	0

Project Activity 18. Structures-Miscellaneous

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	Mast Arms						
18.9	Mast Arms	EA Design	14	8		112	Lyons/Palmetto: Near and far side mast arms (8 total) (Assume all standard) Lyons/Boca Lago: 3 total Lyons/Vista Del Lago: 3 total Special Foundation Design (OPTIONAL)
18.10	Mast Arms Data Table Plan Sheets	Sheet	2	6	2	12	Mast arm tabulation; mast arm assemblies
18. Structures - Miscellaneous Total					2	124	

Project Activity 19. Signing & Marking Analysis

Task No.		Units	No. of Units	Hours/ Units	Total Hours	Comments
19.3	Reference and Master Design File	LS	1	161.2	161	FOR INFORMATIONAL PURPOSES ONLY: 40 hrs setup + 90 hrs per mile for 1.08 miles 3 signalized intersections at 8 hrs each
19.7	Quantities	LS	11	3	33	11 plan sheets
Signing and Pavement Marking Analysis Technical Subtotal					194	
19.11	Field Reviews	LS	1	8	8	2 people at 4 hrs each
Signing and Pavement Marking Analysis Nontechnical Subtotal					8	
19. Signing and Pavement Marking Analysis Total					202	

Project Activity 21. Signalization Analysis

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
21.5	Reference and Master Signalization Design File	PI	3	40	120	Three intersections
21.6	Reference and Master Interconnect Communication Design File	LS	1	8	8	Drafting only (No design)
21.7	Overhead Street Name Sign Design	EA	10	2	20	Palmetto Park Rd and Lyons Rd, block numbers in both directions (4 total) Boca Lago Blvd and Lyons Rd, block numbers (3 total) Vista Dei Lago and Lyons Rd, block numbers (3 total)
21.8	Pole Elevation Analysis	LS	1	4	4	Three intersections: 2 hrs for first intersection and 1 hr for each additional.
21.10	Quantities	LS	1	16	16	Three intersections: 8 hrs for first intersection and 4 hr for each additional.
21.12	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	Signalization Specs (OPTIONAL)
Signalization Analysis Technical Subtotal					168	
21.14	Field Reviews	LS	1	8	8	2 people at 4 hrs each
21.15	Technical Meetings	LS	1	4	4	To discuss signal design and comments with PBC.
Signalization Analysis Nontechnical Subtotal					12	
21. Signalization Analysis Total					180	

Project Activity 22. Signalization Plans

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
22.1	Key Sheet		Sheet	1	6	1	6	
22.3	Tabulation of Quantities		Sheet	1	8	1	8	
22.4	General Notes/Pay Item Notes		Sheet	1	8	1	8	
22.5	Plan Sheet		Sheet	6	6	1	36	Three intersections, 2 sheets per Intersection
22.6	Interconnect Plans		Sheet	11	2	11	22	
22.8	Guide Sign Worksheet		EA	0	2		0	There are a total of 10 signs. We will use PBC standards for panel design (no guide sign) as reference and show panel only on signalization plan sheets.
22.11	Mast Arm/Monotube Tabulation Sheet		Pl	3	3		9	Three intersections
22.15	Utility Conflict Sheet		Sheet	3	6		18	Three intersections: incorporate SUE data
Signalization Plans Technical Subtotal						15	107	
22. Signalization Plans Total						15	107	

Project Activity 27. Survey

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.1	Horizontal Project Control (HPC)									
	2-Lane Roadway	Mile			0.00		0.00		0.00	Establish or Recover control for the purpose of supplemental utility investigation. (Stakeout and mapping of locates) (NAD)1983 / 1990 Adjustment.
	Multi-lane Roadway	Mile	0.50	0.50	0.25	0.50	0.13	3.00	0.75	
	Interstate	Mile			0.00		0.00		0.00	
27.2	Vertical PC / Bench Line									
	2-Lane Roadway	Mile			0.00		0.00		0.00	Establish or Recover control for the purpose of supplemental utility investigation. (Stakeout and mapping of locates) (NAD)1983 / 1990 Adjustment.
	Multi-lane Roadway	Mile	0.50	0.50	0.25	0.50	0.13	3.00	0.75	
	Interstate	Mile			0.00		0.00		0.00	
27.3	Alignment and Existing R/W Lines									
		Mile			0.00		0.00		0.00	
27.4	Aerial Targets			Units/Day						
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
27.5	Reference Points	"A"		Units/Day						
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
	Reference Points	"B"		Units/Day						
	Non Alignment Points/Approximate	EA			0.00		0.00		0.00	

Project Activity 27. Survey

[illegible]

Project Activity 27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
		Mile			0.00		0.00		0.00	
27.18	Geotechnical Support			Units/Day						
		EA			0.00		0.00		0.00	
27.19	Sectional / Grant Survey									
		Corner			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.20	Subdivision Location									
		Block			0.00		0.00		0.00	
27.21	Maintained R/W									
		Mile			0.00		0.00		0.00	
27.22	Boundary Survey									
		EA			0.00		0.00		0.00	
27.23	Water Boundary Survey									
		EA			0.00		0.00		0.00	
27.24	R/W Staking / R/W Line									
		EA			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.25	R/W Monumentation									
		Point			0.00		0.00		0.00	
27.26	Line Cutting									
		Mile			0.00					
27.27	Work Zone Safety									1 hr./day for work zone safety
			35	0.125	4.38					
27.28	Miscellaneous Surveys									
					0.00		0.00		0.00	
Survey Subtotal				Crew Days	39	Field Support Hours	17	Office Support Hours	104	

Project Activity 27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.29	Supplemental Surveys									THE % FOR SUPPLEMENTAL WILL BE DETERMINED AT NEGOTIATIONS. THIS ITEM CAN ONLY BE USED IF AUTHORIZED IN WRITING BY THE DISTRICT SURVEYOR
				39	0		0		0	
27.30	Document Research	Units								
									0	
27.31	Field Reviews	Units								Field Truth Utility Findings
			4.00						4	
27.32	Technical Meetings	LS								
			0.00						0	
27.33	Quality Assurance / Quality Control	LS								
								0%	0	
27.34	Supervision	LS								
								0%	0	
27.35	Coordination	LS								
								0%	0	
27. Survey Total				Crew Days	39	Field Support Hours	17	Office Support Hours	108	

SPLS =

PLS =


Office Support =

Total Hours = 125

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

Carries to 27.32

Carries to Tab 3

<div> Engineering & Design</div>		Utility Designating			
LABOR COST DETAIL		SUE Des	SUE Locates	Total Hours	Labor Cost
TITLE	Standard Rates				
Principal	\$ 240.00				\$ -
Senior Technical Director	\$ 230.00				\$ -
Technical Director	\$ 200.00				\$ -
Project Manger	\$ 190.00				\$ -
Technical Professional	\$ 160.00				\$ -
Specialist	\$ 140.00				\$ -
Sr. Data Technician	\$ 130.00				\$ -
Technical Assistant	\$ 110.00				\$ -
Data Technician	\$ 100.00				\$ -
Survey Crew – 4 Man	\$ 330.00				\$ -
Survey Crew – 3 Man	\$ 270.00				\$ -
Survey Crew – 2 Man	\$ 171.00	34.0		34.0	\$ 5,814.00
SUE Des 1 man	\$ 150.00				\$ -
SUE Locate - 4 man	\$ 360.00				\$ -
SUE Locate - 3 man	\$ 280.00				\$ -
SUE Locate - 2 man	\$ 200.00				\$ -
SUE Des - 2 man	\$ 171.00	136.0		136.0	\$ 23,256.00
Locates	\$ 650.00				\$ -
Hours by Task					\$ 29,070.00
Labor by Task		\$29,070.00	\$ -		
Direct Costs		SUE Des	SUE Locates	Total Directs	
				\$ -	
Total Direct Expenses		\$ -	\$ -		
Loaded Labor and Direct Expenses		\$ 29,070.00 \$ -		Total Cost=	\$ 29,070.00

OPTIONAL SERVICES

Task	Units	No. of Units	Hours/ Units	Total Hours
Roadway Post Design Services	LS			40
Request for Information		8	2	16
Shop Drawings		10	2	20
Meetings/Coordination		1	4	4
Signals Post Design Services	LS			54
Request for Information		4	2	8
Shop Drawings		6	2	12
Signal As-Built Plans		3	10	30
Meetings/Coordination		1	4	4
Signal Technical Specifications	LS	1	18	18
Mast Arm Special Foundation	LS	2	8	16



- Under Section 373.414(17), F.S..... \$ 1,125

General Permit Verification (f/k/a Noticed General Permit)	\$ 250
Exemption Verification	\$ 100
Use of Electronic Certification System	\$ 0

Proprietary Authorization (**SLERP**). Link to FDEP (<http://www.dep.state.fl.us/legal/Rules/rulelist.htm>),
Chapter 18-21:

- Consent of Use
- Lease
- Easement

Fee Reductions

- Applications by entity qualifying under Section 218.075, F.S. (*where fee > \$100*).....\$ 100
- Applications submitted by U.S. Department of Defense..... \$ 0
- Applications withdrawn and resubmitted within 365 days, any fee paid is applied toward resubmitted application.

Lake Okeechobee Drainage Basin Works of the District Permits

Individual Permit	\$ 150
Notice of Intent for a General Permit	\$ 100

Everglades Agricultural Area (EAA) Basin Works of the District Permits

Individual EAA Permit

- **New Individual Permit**..... \$ 1,880
(plus \$1.50/acre for each acre over 320 acres, maximum fee \$30,000)
- **Renewal Individual Permit** (with or without modifications)..... \$ 1,560
(plus \$0.25/acre for each acre over 320 acres, maximum fee \$5,000)
- **Modification** of an existing Individual Permit..... \$ 1,880
- **Letter Modification** of an existing Individual Permit.....\$ 500
- **Admin Info Update** to an existing Individual Permit..... No Fee
- **Transfer (ownership)** of an existing Individual Permit..... \$ 200

Master EAA Permit

- **New Master Permit**..... \$ 1,880
(plus \$1.50/acre for each acre over 320 acres, maximum fee \$750,000)
- **Renewal Master Permit** (with or without modifications)..... \$ 1,680
(plus \$0.25/acre for each acre over 320 acres, maximum fee \$150,000)
- **Modification** of an existing Master Permit \$ 1,880
- **Letter Modification** of an existing Master Permit..... \$ 500
- **Admin Info Update** to an existing Master Permit..... No Fee
- **Transfer (ownership)** of an existing Master Permit.....\$ 500

LAKE WORTH DRAINAGE DISTRICT
OPERATING POLICIES

Chapter 2: Fees

2.4 GENERAL PERMIT FEES

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

Minor Permit Modification(s) **\$300.00**

Minor modifications and/or revisions made may be requested by the Applicant after the issuance of a Permit. Major modifications and/or revisions will be considered new permit applications and will be subject to the current fee schedule.

Permit Transfer **\$300.00**

Requests for permit transfer for change of property ownership or to transfer stormwater operation/management responsibilities must be submitted within 90 days of purchase of property by new owner or assumption of stormwater operation/management responsibilities to a new entity. A new application and applicable permit fees will be required beyond this timeframe.

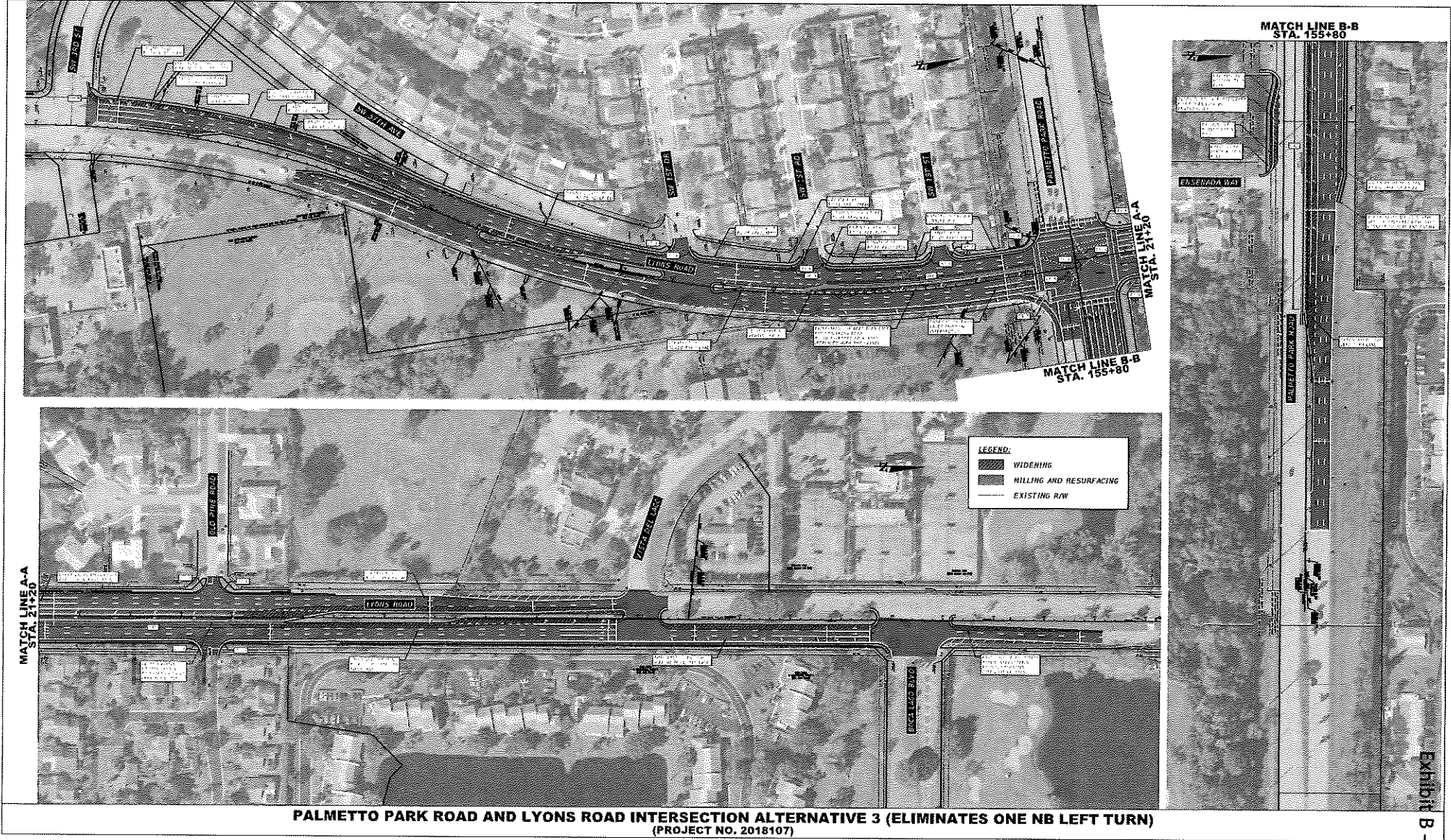
Permit Extension **\$250.00**

Requests to extend a permit must be submitted prior to permit expiration; otherwise, permittee may be required to submit a new permit application subject to applicable permit fees.

Administrative Processing Fees

Permits requiring additional administrative work or legal review may be charged additional processing fees based upon the following rates:

Clerical	\$ 35.00/hour
Financial	\$ 55.00/hour
Legal Assistant	\$ 45.00/hour
Technical	\$ 65.00/hour
Attorney's Fees	\$225.00/hour





January 10, 2024

Mr. Anthony Sfameni, P.E.
 Colliers Engineering & Design
 7284 W. Palmetto Park Road, #201-S
 Boca Raton, FL 33433

**Re: Palmetto Park Rd and Lyons Rd Intersection Improvements Topographic Survey
 Palm Beach County Project No. 2019112**

Dear Luis:

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 update the specific purpose/topographic survey previously prepared by this office in September 2020 (B&P Project #19-016) 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 in accordance with all applicable requirements, codes, rules and Statutes governing Surveying and Mapping. We will update the survey to meet the current Palm Beach County requirements.

I. HORIZONTAL PROJECT NETWORK CONTROL

We will utilize the survey control from the survey previously prepared by this office (B&P Project #19-016). The survey will be oriented to Palm Beach County horizontal control (NAD 83/90 Adjustment). The approximate limits of the survey are outlined in pink on the included map.

II. RIGHT-OF-WAY

We will utilize the right-of-way for the survey previously prepared by this office (B&P Project #19-016). We will review and compile any new 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, so that we will have at least one benchmark per plan sheet. All benchmarks will be set outside of the proposed right of way.

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

(561) 615-3988 • Fax (561) 615-3991

M:\PROPOSALS\BY COMPANY\Colliers\Palmetto Park Rd and Lyons Rd\2018107 Intersection Improvements Topo Survey.doc

Sfameni
January 10, 2024

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 route. These baseline points will be used in the topographic and cross section phase to locate features and facilitate checks.

V. HORIZONTAL CONTROL POINTS

We propose to set/find seven (7) horizontal control points.

VI. TOPOGRAPHY AND CROSS SECTIONS

A topographic survey will be performed along the route (very busy roadways with heavy traffic). We will verify the above ground features and locate any recent improvements since our previous survey. We will check elevations and verify 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). The approximate limits of the survey are outlined in pink on the included map. No soundings are proposed.

VII. AS-BUILTS

We will verify 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.

VIII. TREE LOCATIONS

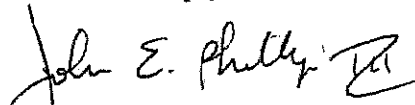
We will update all the trees (4" and larger measured at breast height) and shrubs/hedges within the right of way on both sides of Palmetto Park Road and Lyons Road. These will be shown on the CADD file with types and caliper sizes. Not a tree survey.

IX. 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 propose to provide Colliers. 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 \$30,550.80** (\$29,350.80 for the survey and \$1,200.00 for two 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



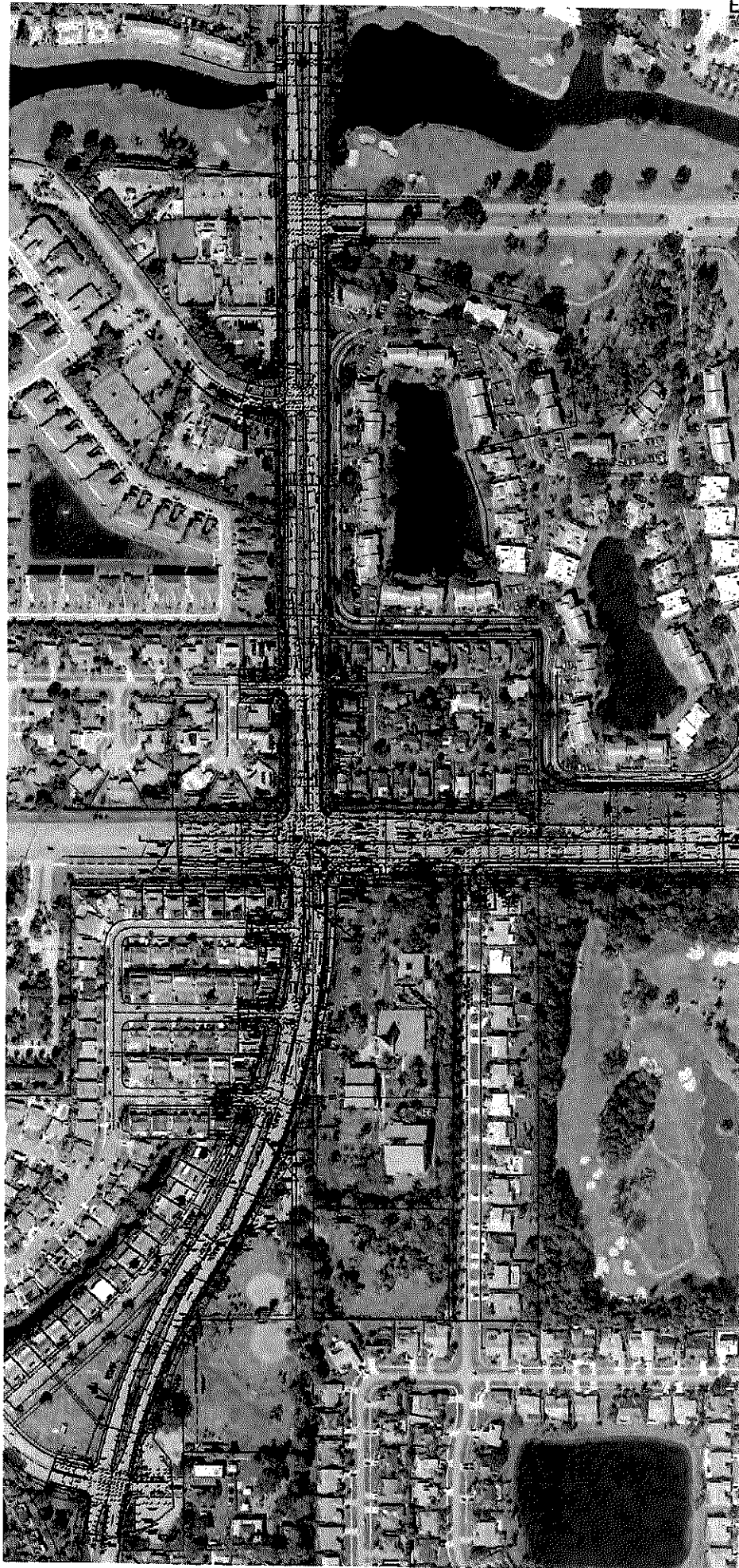
ATTACHMENT 'A'

Palmetto Park Road and Lyons Road Intersection Improvements

Type of Survey: Roadway Design
Size: 6200'±
Date: January 10, 2024

TASK	SURVEY CREW (3 PERSON)	CADD TECHNICIAN	SURVEY TECHNICIAN	PROFESSIONAL LAND SURVEYOR	COMMENTS
Meetings and Coordination				2	
Horizontal Project Network Control	5		2		Find/establish control
Title Review			20	5	Review/compile furnished right-of-way
Vertical Project Network Control	8		2		Find/set benchmarks along corridor
Baseline Layout	4		1		Layout baseline at 100' intervals
Horizontal Control Points	8		1		Find/set horizontal control points and prepare PNC Sheet
Topography and Cross Sections	40		6	2	Verify above ground features, locate new improvements, verify elevations, update TIN
As-builts	4		1		As-built storm structures
Tree Locations	12		3		Locate planted trees in R/W to 25' outside R/W (4" or greater)
Topographic Survey		32	8	4	Update drawing of Topographic Survey
Address Comments	10	10	8	5	
Total Hours:	91	42	52	18	
Rate/Hour	\$65.60	\$31.00	\$31.00	\$50.00	unloaded rates
Subtotal:	\$5,969.60	\$1,302.00	\$1,612.00	\$900.00	
Total Labor Cost (unloaded):					\$9,783.60
Multiplier:					3.00
Total Labor Cost (loaded):					\$29,350.80 ✓

Other Direct Costs:	quantity	unit	cost/unit	total	
Legal Description & Sketch	2	each	\$600.00	\$1,200.00	
Other		each	\$0.00	\$0.00	
Total Other Direct Costs:					\$1,200.00
TOTAL PRICE					\$30,550.80 ✓



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Palmetto Park Road and Lyons Road
Palm Beach County Project No. 2018107

Roadway & Drainage – Geotechnical Scope of Work (04-16-24)-Rev-1

The following geotechnical scope of work was identified for proposed roadway and drainage improvements along the corridor:

Field Work – Roadway & Drainage:

1. Visit the project site to observe and photograph existing site conditions and to field mark planned boring and test locations.
2. Contact Sunshine 811 to request the field location of underground utilities in the area of the borings as per Florida Statutes and coordinate the clearance of underground utilities at the boring locations for performance of the field activities.
3. Implement Temporary Traffic Control for the field work in accordance with the FDOT Standard Plans for Road Construction for lane closures and shoulder work.
4. For the existing roadway:
 - a. Perform thirteen (13) asphalt cores with Lane Closure
 - Palmetto Park Road: 3 thru lanes & 3 turn lanes = 3 cores
 - Lyons Road – Westbound: 2 to 3 thru lanes & 1 to 2 turn lanes = 5 cores
 - Lyons Road – Eastbound: 2 to 3 thru lanes & 0 to 2 turn lanes = 5 cores
 - b. Drill thirteen (13) Auger borings within the cored holes to depths of 6 feet.
 - c. Samples of the soils encountered will be obtained and the depth to the groundwater level will be measured and recorded for each of the borings, if encountered. Following completion of the drilling and testing, the boreholes will be backfilled with grout and surface restored with asphalt “cold patch”.
5. For the proposed roadway widening:
 - a. Palmetto Park Road
 - Eastbound ~ 150’ - Drill one (1) SPT borings to depths of 10 feet, with shoulder Closure, MOT, etc. as required.
 - Median ~ 500’ - Drill five (5) SPT borings to depths of 10 feet, with shoulder Closure, MOT, etc. as required.
 - Westbound ~ 150’ - Drill one (1) SPT borings to depths of 10 feet, with shoulder Closure, MOT, etc. as required.
 - b. Lyons Road
 - Northbound ~ 500’ – very minor widening; none proposed.
 - Median ~ 2500’ - Drill twenty-five (25) SPT borings to depths of 10 feet, with shoulder Closure, MOT, etc. as required.
 - Southbound ~ 1170’ - Drill twelve (12) SPT borings to depths of 10 feet, with shoulder Closure, MOT, etc. as required.
 - c. Samples of the soils encountered will be obtained and the depth to the groundwater level will be measured and recorded for each of the borings, if encountered. Following completion of the drilling and testing, the boreholes will be backfilled with grout.
 - d. Perform four (4) Percolation tests to depths of 10 feet in accordance with the usual open-hole exfiltration test method described in the South Florida Water

- Management District (SFWMD) Permit Information Manual, Volume IV.
- e. Collect 3 bulk subgrade sample for Limerock Bearing Ratio (LBR) determination.

Lab Testing – Roadway & Drainage:

1. Visually classify the soil samples retrieved from the borings using the American Association of State Highway and Transportation Officials (AASHTO) Classification System in general accordance with the American Society of Testing and Materials (ASTM) test method D-3282.
2. Perform laboratory testing in accordance with applicable ASTM standards for soil index properties on selected samples to aid in the classification confirmation process
 - a. Natural Moisture Content (approx. 1 per every auger/SPT borings) – 50 tests
 - b. Full Grain Size Analysis (approx. 1 per auger/SPT boring) – 50 tests
 - c. Fines Content Determination (approx. 1 per every 4 auger/SPT borings) – 12 tests
 - d. Organic Content (approx. 1 per every 4 auger/SPT borings) – 12 tests
 - e. Corrosion Series (estimated) – 4 tests
3. Measure the asphalt thickness of each asphalt pavement core.

Engineering Services – Roadway & Drainage:

1. Review readily available published information including the Soil Survey of Palm Beach County published by the U.S. Department of Agriculture (USDA) and Soil Conservation Service (SCS) and United States Geological Society (USGS) Topographic Quadrangle Maps.
2. Develop Temporary Traffic Control Plans for the field work in accordance with the FDOT Standard Plans for Road Construction for lane closures and shoulder work.
3. Coordinate and supervise the field exploration program.
4. Attend technical and coordination meetings.
5. **Prepare Geotechnical Engineering Services Report - Pavement Coring and Evaluation**
 - a. Develop a detailed boring location plan.
 - b. Classify soil/basecourse/subgrade samples and develop laboratory testing program.
 - c. Calculate and tabulate crack depth, rut depth, cross slope, pavement condition on FDOT Standard Forms
 - d. Review laboratory data and present data in tables
 - e. Prepare Draft Pavement Coring and Evaluation Report including the data obtained above.
 - f. Prepare Final Pavement Coring and Evaluation Report.
6. **Prepare Geotechnical Engineering Services Report – Roadway Soils Report**
 - a. Develop a detailed boring location plan.
 - b. Classify soil samples and develop laboratory testing program.
 - c. Review laboratory data and present data in tables.
 - d. Provide permeability results.
 - e. Review available data including the DBHYDRO Environmental Database to estimate the seasonal high groundwater level.

- f. Prepare detailed graphical logs of the borings showing the groundwater and soil classifications.
- g. Discussion of the suitability of the encountered soils for the support of the roadway widening.
- h. Prepare site preparation recommendations.
- i. Provide recommendations for roadway widening.
- j. Prepare Draft Roadway Soils Report including the data obtained above.
- k. Prepare Final Roadway Soils Report.

Palmetto Park Road and Lyons Road
Palm Beach County Project No. 2018107

Mast Arm Structure – Geotechnical Scope of Work (04-16-24)-Rev-1

The project will include mast arm structure at three intersections: Palmetto Park Rd at Lyons Road, Boca Lago Blvd at Lyons Road and Vista Del Lago at Lyons Road.

The following geotechnical scope of work was identified:

Field Work – Structures:

1. Visit the project site to observe and photograph existing site conditions and to field mark planned boring and test locations.
2. Contact Sunshine 811 to request the field location of underground utilities in the area of the borings as per Florida Statutes and coordinate the clearance of underground utilities at the boring locations for performance of the field activities.
3. For the proposed mast arms:
 - a. Drill four (4) mast arm borings, one at each corner of the intersection of Palmetto Park Road and Lyons Road. Total four (4) Boring @ 30' deep, with shoulder Closure, MOT, etc. as required.
 - b. Drill three (3) mast arm borings, one at each corner of the intersection of Boca Lago Blvd and Lyons Road. Total three (3) Boring @ 30' deep, with shoulder Closure, MOT, etc. as required.
 - c. Drill three (3) mast arm borings, one at each corner of the intersection of Vista Del Lago and Lyons Road. Total three (3) Boring @ 30' deep, with shoulder Closure, MOT, etc. as required.
 - d. Samples of the soils encountered will be obtained and the depth to the groundwater level will be measured and recorded for each of the borings, if encountered. Following completion of the drilling and testing, the boreholes will be backfilled with grout.

Lab Testing – Structures:

1. Visually classify the soil samples retrieved from the borings using the Unified Soil Classification System (USCS) (ASTM D 2487)
2. Perform laboratory testing in accordance with applicable ASTM standards for soil index properties on selected samples to aid in the classification confirmation process
 - a. Natural Moisture Content (2 per every SPT boring) – 20 tests
 - b. Full Grain Size Analysis (2 per every SPT boring) – 20 tests
 - c. Fines Content Determination (2 per intersection) – 6 tests
 - d. Organic Content (2 per intersection) – 6 tests
 - e. Corrosion Series – 3 tests [1 per intersection]

Engineering Services – Mast Arm Structures:

Prepare Geotechnical Engineering Services Report – Mast Arms Structures

1. Develop a detailed boring location plan
2. Classify soil samples and develop laboratory testing program
3. Laboratory Testing as applicable/required
4. Tabulation of Laboratory Data
5. Estimate Design Groundwater Level for Structures
6. Design Soil Parameters for Mast Arms, and Geotechnical Recommendations
7. Recommendation of soil parameters for structural design and construction of culverts.
8. SPT Boring Drafting
9. Other Geotechnical: Providing geotechnical support during Plan Preparation and consultation during engineering as required
10. Prepare Draft Report including the data obtained above
11. Prepare Final Report
12. Attend technical and coordination meetings

GCME, Inc.
GEOTECHNICAL FEE ESTIMATE
ROADWAY & DRAINAGE

PROJECT: Palmetto Park Road and Lyons Road
Palm Beach County, FL
County Project # 2018107

ITEM #	WORK ITEM DESCRIPTION	UNITS	NO. OF UNITS	UNIT PRICE	FEE
1.0 FIELD EXPLORATION					
1.1	Review Information & Develop Boring Location Plan (Staff Engineer)	Hour	8	\$ 120.00	\$ 960.00
1.2	Coordinate and Develop MOT Plans (Engineers, P.E.)	Hour	8	\$ 165.00	\$ 1,320.00
1.3	Stake borings and Utility Clearance (Engineering Technician)	Hour	40	\$ 90.00	\$ 3,600.00
1.4	Field Work Coordination (Engineer, P.E.) [1 hr/day]	Hour	8	\$ 165.00	\$ 1,320.00
1.5	Mobilization of Drilling Equipment to Project (50-Mile Travel)	Trip	2	\$ 400.00	\$ 800.00
1.6	TCC for Project				
	1.6A Lane Clousure for Pavement Cores - 2 day				
1.6A.1	MOT - Traffic Control Set-up/Removal [1 man crew with safety equipments]	Day	2	\$ 1,200.00	\$ 2,400.00
1.6A.2	MOT Qualified Worker/Flagmen [Extra Man] (Engg Technicians)	Hour	20	\$ 90.00	\$ 1,800.00
1.6A.3	Attenuator Truck	Hour	20	\$ 150.00	\$ 3,000.00
1.7	Existing Roadway [2 day]				
	13 Pavements Cores & 13 Auger borings to 6'				
1.7.1	Coring Machine Plus Generator Rental	Trip	1	\$ 360.00	\$ 360.00
1.7.2	Asphalt Cores (obtain core samples)	Each	13	\$ 84.00	\$ 1,092.00
1.7.3	Auger Borings	LF	78	\$ 15.00	\$ 1,170.00
1.7.4	Grout Bore Holes (0'-50')	Each	78	\$ 6.00	\$ 468.00
1.8	Roadway Widening [5 days; avg. 90'/day]				
	44 SPT borings to 10' [w/ Shoulder Closure and proper MOT]				
1.8.1	Standard Penetration Test - Truck Rig w/std Sampling (0'-50')	LF	440	\$ 17.00	\$ 7,480.00
1.8.2	Auger Borings	LF	0	\$ -	\$ -
1.8.3	Grout Bore Holes (0'-50')	LF	440	\$ 6.00	\$ 2,640.00
1.8.4	MOT - Traffic Control Set-up/Removal [1 man crew with safety equipments]	Day	5	\$ 1,200.00	\$ 6,000.00
1.8.5	Engineering Technician logging	Hour	50	\$ 90.00	\$ 4,500.00
1.8.6	LBR Sample Collection (Engineering Technician)	Hour	10	\$ 90.00	\$ 900.00
1.9	Drainage Improvemnts [2 days]				
	4 Permeability Test to 10'				
1.9.1	SPT Borings	LF	40	\$ 17.00	\$ 680.00
1.9.2	Percolation Test	Test	4	\$ 340.00	\$ 1,360.00
1.9.3	Grout Bore Hole (0'-50')	LF	40	\$ 6.00	\$ 240.00
TOTAL FIELD WORK =					\$ 42,090.00
2.0 LABORATORY SERVICES					
2.1	Visual Classifications (Staff Engineer)	Hour	15	\$ 120.00	\$ 1,800.00
2.2	Natural Sample Moisture Content	Test	50	\$ 15.00	\$ 750.00
2.3	Grain Size Determination - Full Grain Size (8 sieves)	Test	50	\$ 90.00	\$ 4,500.00
2.4	Grain Size Determination - Wash Through (#200)	Test	12	\$ 50.00	\$ 600.00
2.5	Organic Content Test	Test	12	\$ 50.00	\$ 600.00
2.6	Limerock Bearing Ratio test	Test	3	\$ 350.00	\$ 1,050.00
2.7	DOT Corrosivity	Test	4	\$ 200.00	\$ 800.00

TOTAL LABORATORY SERVICES = \$ 10,100.00

GCME, Inc.
GEOTECHNICAL FEE ESTIMATE
ROADWAY & DRAINAGE

PROJECT: Palmetto Park Road and Lyons Road
Palm Beach County, FL
County Project # 2018107

ITEM #	WORK ITEM DESCRIPTION	UNITS	NO. OF UNITS	UNIT PRICE	FEE
3.0 PROFESSIONAL SERVICES & DELIVERABLES					
3.1 Pavement Coring & Evaluation Report					
3.1.1	Principal Engineer	Hour	1	\$ 270.00	\$ 270.00
3.1.2	Senior Geotechnical Engineer	Hour	4	\$ 225.00	\$ 900.00
3.1.3	Engineer P.E.	Hour	8	\$ 165.00	\$ 1,320.00
3.1.4	Staff Engineer	Hour	6	\$ 120.00	\$ 720.00
3.1.5	Drafter / CADD	Hour	4	\$ 96.00	\$ 384.00
3.1 Roadway Soil Survey - Engineering & Reporting					
3.1.1	Principal Engineer	Hour	2	\$ 270.00	\$ 540.00
3.1.2	Senior Geotechnical Engineer	Hour	8	\$ 225.00	\$ 1,800.00
3.1.3	Engineer P.E.	Hour	20	\$ 165.00	\$ 3,300.00
3.1.4	Staff Engineer	Hour	25	\$ 120.00	\$ 3,000.00
3.1.5	Drafter / CADD	Hour	30	\$ 96.00	\$ 2,880.00
TOTAL PROFESSIONAL SERVICES =					\$ 15,114.00
TOTAL AMOUNT =					\$67,304.00 ✓

GCME, Inc.
GEOTECHNICAL FEE ESTIMATE
MAST ARM STRUCTURES

PROJECT: Palmetto Park Road and Lyons Road
Palm Beach County, FL
County Project # 2018107

ITEM #	WORK ITEM DESCRIPTION	UNITS	NO. OF UNITS	UNIT PRICE	FEE
1.0 FIELD EXPLORATION					
1.1	Review Information & Develop Boring Location Plan (Staff Engineer)	Hour	3	\$ 120.00	\$ 360.00
1.2	Coordinate and Develop MOT Plans (Engineers, P.E.)	Hour	6	\$ 165.00	\$ 990.00
1.3	Stake borings and Utility Clearance (Engineering Technician)	Hour	20	\$ 90.00	\$ 1,800.00
1.4	Field Work Coordination (Engineer, P.E.) [1 hr/day]	Hour	4	\$ 165.00	\$ 660.00
1.5	Mobilization of Drilling Equipment to Project (50-Mile Travel)	Trip	1	\$ 400.00	\$ 400.00
1.6	TCC for Project				
	1.6 MOT / Temp Lane Closures - 2 day [Ref. Work Scope Item 1.7]				
1.6.1	MOT - Traffic Control Set-up/Removal [1 man crew with safety equipments]	Day	4	\$ 1,200.00	\$ 4,800.00
1.6.2	Police Officer	Hour	20	\$ 75.00	\$ 1,500.00
1.6.3	Attenuator Truck	Hour	20	\$ 150.00	\$ 3,000.00
1.7	Mast Arm [4 days]				
	10 SPT borings to 30' w/ proper MOT				
1.7.1	SPT - Truck Rig w/std Sampling (0'-50')	LF	300	\$ 17.00	\$ 5,100.00
1.7.2	SPT - Truck Rig w/std Sampling (50'-100')	LF	0	\$ 20.00	\$ -
1.7.3	Casing 3"- Truck/MB 0-50 Ft	LF	300	\$ 9.00	\$ 2,700.00
1.7.4	Casing 3"- Truck/MB 50-100 Ft	LF	0	\$ 11.00	\$ -
1.7.5	Grout Bore Holes (0'-50')	LF	300	\$ 6.00	\$ 1,800.00
1.7.6	Grout Bore Holes (50'-100')	LF	0	\$ 7.00	\$ -
1.7.7	Extra SPT Samples-Truck/MB 0-50 Ft	Each	0	\$ 50.00	\$ -
1.7.8	Extra SPT Samples-Truck/MB 50-100 Ft	Each	0	\$ 60.00	\$ -
1.7.9	Engineering Technician logging	Hour	40	\$ 90.00	\$ 3,600.00
TOTAL FIELD WORK					\$ 26,710.00
2.0 LABORATORY SERVICES					
2.1	Visual Classifications (Staff Engineer)	Hour	8	\$ 120.00	\$ 960.00
2.2	Natural Sample Moisture Content	Test	20	\$ 15.00	\$ 300.00
2.3	Grain Size Determination - Full Grain Size (8 sieves)	Test	20	\$ 90.00	\$ 1,800.00
2.4	Grain Size Determination - Wash Through (#200)	Test	6	\$ 50.00	\$ 300.00
2.5	Organic Content Test	Test	6	\$ 50.00	\$ 300.00
2.6	Limerock Bearing Ratio test	Test	0	\$ 350.00	\$ -
2.7	DOT Corrosivity	Test	3	\$ 200.00	\$ 600.00
TOTAL LABORATORY SERVICES					\$ 4,260.00
3.0 PROFESSIONAL SERVICES & DELIVERABLES					
3.1	Mast Arm Structure Engineering & Reporting				
3.1.1	Principal Engineer	Hour	2	\$ 270.00	\$ 540.00
3.1.2	Senior Geotechnical Engineer	Hour	6	\$ 225.00	\$ 1,350.00
3.1.3	Engineer P.E.	Hour	12	\$ 165.00	\$ 1,980.00
3.1.4	Staff Engineer	Hour	20	\$ 120.00	\$ 2,400.00
3.1.5	Drafter / CADD	Hour	20	\$ 105.00	\$ 2,100.00
TOTAL PROFESSIONAL SERVICES					\$ 8,370.00
TOTAL AMOUNT =					\$39,340.00

SOLICITATION/PROJECT/BID NAME: Palmetto Park Rd & Lyons Rd Intersection Improvement
SOLICITATION OPENING/SUBMITTAL DATE: 12/13/2016

SOLICITATION/PROJECT/BID NO.: 2018107
COUNTY DEPARTMENT: Engineering & Public Works

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: Colliers Engineering & Design, Inc. ADDRESS: 7284 West Palmetto Park Road Suite 201-S, Boca Raton, FL 33433
CONTACT PERSON: Luis Costa, PE PHONE NO.: 561-245-5845 E-MAIL: luis.costa@collierseng.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: 75.77%
*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE	MBE	WBE	SBE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	MBE Minority Business	WBE Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Asian	Other
1. Brown & Phillips, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5.39%					
2. GCME, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					18.84%	
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
(Please use additional sheets if necessary)					Total	5.39%			18.84%	

Total Bid/Offer Price \$ 566,075.29

[Signature] Total Certified S/M/WBE Participation \$ 24.23%
Name & Authorized Signature Title
Geographic Discipline Leader

- 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 OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
 - Modification of this form is not permitted and will be rejected upon submittal.
 - 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.



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: 2018107

SOLICITATION/PROJECT NAME: Palmetto Park Rd & Lyons Rd Intersection Improvement

Prime Contractor: Colliers Engineering & Design, Inc. Subcontractor: GCME, Inc.

(Check box(s) that apply)

☒SBE ☐WBE ☒MBE ☐M/WBE ☐Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 11-8-23 - 11/7/26

The undersigned affirms they are the following (select one from each column if applicable):

Column 1 Column 2 Column 3
☒Male ☐Female ☐African-American/Black ☒Asian American ☐Caucasian American ☐Supplier
☐Hispanic American ☐Native American

S/M/WBE PARTICIPATION – S/M/WBE 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. S/M/WBE credit will only be given for the areas in which the S/M/WBE 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
	Roadway Geotechnical Services				\$67,304.00
	Signal Geotechnical Services				\$39,340.00

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: \$106,644.00

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:

Colliers Engineering & Design, Inc.

Print Name of Prime

By: Luis Costa, PE

Print Name

Geographic Discipline Leader

Title

Date: 01/16/25

GCME, Inc.

Print Name of Subcontractor/subconsultant

By: Partha Ghosh, PE

Print Name

President

Title

Date: 01/16/2025



If you have experienced or witnessed a violation of the EBO Ordinance or would like to file a complaint, please scan the QR Code

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: 2018107
SOLICITATION/PROJECT NAME: Palmetto Park Rd & Lyons Rd Intersection Improvement

Prime Contractor: Colliers Engineering & Design, Inc. Subcontractor: Brown & Phillips, Inc.
(Check box(s) that apply)

☒SBE ☐WBE ☒MBE ☐M/WBE ☐Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 1/31/22-1/30/25

The undersigned affirms they are the following (select one from each column if applicable):

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input checked="" type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American	<input type="checkbox"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

S/M/WBE PARTICIPATION – S/M/WBE 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. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

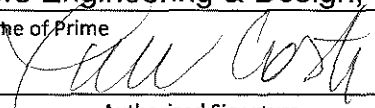
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Topographic Survey				\$30,550.80

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: \$30,550.80

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:

Colliers Engineering & Design, Inc.
Print Name of Prime
By: 
Authorized Signature

Luis Costa, PE
Print Name

Geographic Discipline Leader
Title

Date: 01/16/25

Brown & Phillips, Inc.
Print Name of Subcontractor/subconsultant
By: 
Authorized Signature

John E. Phillips, III
Print Name

President
Title

Date: 01/16/2025



If you have experienced or witnessed a violation of the EBO Ordinance or would like to file a complaint, please scan the QR Code

Intersection Annual Continuing Services Contract																			
R2017-0778 - Colliers Engineering & Design, Inc.																			
Contract API(s): 20%										Contract Commitment: 20%					GSC Date: 2/16/2019				
Executed By	Project #	CSA #	Supplement #	Date Approved	Total Amount	SBE		PBC Certified S/M/WBE Amounts											
						Total \$	Total %	Black		Hispanic		Women		Caucasian		Asian		Other	
								\$	%	\$	%	\$	%	\$	%	\$	%	\$	%
BCC	2018103		0	1/15/19	\$ 150,228.06	\$ 32,535.26	21.65%	\$ 19,098.62	12.71%							\$ 13,436.64	8.94%		
CRC	2018101		0	3/13/19	\$ 95,229.98	\$ 17,547.36	18.42%	\$ 7,547.36	7.92%										
BCC	2018106		0	8/20/19	\$ 144,729.93	\$ 32,249.15	22.28%	\$ 23,257.28	16.06%							\$ 8,991.87	6.21%		
Lead	2019109		0	9/11/2019	\$ 49,964.48	\$ 10,441.88	20.89%	\$ 10,441.88	20.89%										
Lead	2019112		0	10/30/2019	\$ 12,929.10	\$ -	0.00%												
BCC	2019107		0	11/19/2019	\$ 120,054.10	\$ 17,181.02	14.31%	\$ 17,181.02	14.31%										
Lead	2018107		0	2/12/20	\$ 27,303.59	\$ 15,584.32	57.07%	\$ 15,584.32	57.07%										
Lead	2019113		0	2/28/2020	\$ 46,052.33	\$ 13,343.83	28.97%	\$ 13,343.83	28.97%										
CRC	2019101		0	3/25/2020	\$ 52,637.34	\$ 13,083.18	24.85%	\$ 13,083.18	24.85%										
CRC	2019104		0	3/25/2020	\$ 68,684.28	\$ 10,252.56	14.92%	\$ 10,252.56	14.92%										
CRC	2019105		0	4/1/2020	\$ 69,585.09	\$ 11,073.84	15.91%	\$ 11,073.84	15.91%										
CRC	2019115		0	4/1/2020	\$ 65,176.09	\$ 9,118.26	13.99%	\$ 9,118.26	13.99%										
BCC	2019111		0	6/2/2020	\$ 111,154.97	\$ 21,467.02	19.31%	\$ 13,441.70	12.09%							\$ 8,025.32	7.21%		
Lead	2018103		1	8/5/20	\$ 49,785.00	\$ 7,625.32	15.31%									\$ 7,625.32	15.31%		
Lead	2018106		1	11/16/20	\$ 8,260.00	\$ -	0.00%												
Lead	2019107		1	4/5/2021	\$ 19,487.69	\$ 8,963.04	45.99%	\$ 8,963.04	45.99%										
BCC	2019112		1	5/18/2021	\$ 227,371.86	\$ 68,635.80	30.18%	\$ 34,212.84	15.04%							\$ 34,422.96	15.13%		
Lead	2018103		2	8/19/21	\$ 1,000.00	\$ -	0.00%												
Lead	2018103		3	8/31/22	\$ 5,057.97	\$ -	0.00%												
Lead	2018106		2	1/11/23	\$ 9,175.21	\$ 450.00	4.90%	\$ 450.00	4.90%										
BCC	2018107		1	Pending	\$ 566,075.29	\$ 137,194.80	24.23%	\$ 30,550.80	5.39%							\$ 106,644.00	18.83%		
Project Totals					\$ 1,899,942.36	\$ 426,746.64	22.46%	\$ 237,600.53	12.51%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ 179,146.11	9.43%	\$ -	0.00%



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
DX00001601	Colliers Engineering & Design, Inc.		Compliant					R2017-0778	Intersection Improvements Annual Services
		A+g , XV	Navigators Insurance Company	NY25MXEZ07LHXIV	3/1/2025	3/1/2026	Excess Liability		
		A++g , XV	Travelers Property Casualty Company of America	CUP1T66744425NF	3/1/2025	3/1/2026	Excess Liability		
		Ap , XV	National Union Fire Insurance Company of Pittsburg	9925559	3/1/2025	3/1/2026	General Liability		
		A++g , XV	Berkshire Hathaway Specialty Insurance Company	47EPP32691803	2/25/2025	2/25/2026	Professional Liability		
		Ar , XV	New Hampshire Insurance Company	66656736	3/1/2025	3/1/2026	Workers Comp		

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