

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

Meeting Date:	August 25, 2020	[x]	Consent	[]	Regular
		[]	Workshop	[]	Public Hearing

Department:	Engineering & Public Works Department
Submitted By:	Engineering & Public Works Department
Submitted For:	Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a work task order to the Annual Civil Engineering Professional Services Contract (R2019-0715) dated June 4, 2019 (Contract) with Civil Design, Inc. (CDI) in the amount of \$212,521.81 for the Donald Ross Road from Prosperity Farms Road to east of Ellison Wilson Road project.

SUMMARY: Approval of this work task order will provide the professional services necessary to design the widening of Donald Ross Road from 4-lanes to 6-lanes. The contract requires CDI to adhere to a 20% mandatory Small Business Enterprise (SBE) subcontracting goal as the Affirmative Procurement Initiative. CDI agreed to 96.37% SBE participation for this work task order. Their cumulative SBE participation to date including this work task order is 96.79% for the contract. CDI is a Palm Beach County (County) based company. District 1 (YBH)

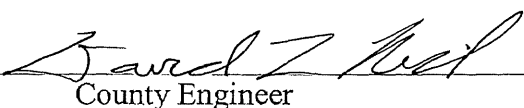
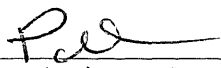
Background and Justification: On June 4, 2019, the Board of County Commissioners (BCC) approved the contract with CDI to provide civil engineering professional services throughout the County. The fee, as detailed in **Exhibit B** of the attached work task order, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$102,386.28	(Roadway Analysis, Roadway Plans, Drainage Analysis, Utilities, Environmental Permits and Compliance, Signing and Pavement Marking Analysis and Plans)
Reimbursable Services (Not to Exceed)	\$ 80,604.77	(Permit Fees, Prints and Reproduction)
Optional Services (Not to Exceed)	<u>\$ 29,530.76</u>	(Post Design and Technical Specifications)
Total:	\$212,521.81	

After reviewing the attached work task order for professional services and finding it in proper order, the Engineering Department recommends BCC approval.

Attachments:

1. Location Sketch
2. Work Task Order with Exhibits A, B and C and Ebox Insurance Compliance (2)

Recommended by:		7/16/2020
	County Engineer	Date
Approved By:		5/25/20
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2020	2021	2022	2023	2024
Capital Expenditures	<u>\$297,174</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Operating Costs	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
External Revenues	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Program Income (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
In-Kind Match (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
NET FISCAL IMPACT	<u>\$297,174</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes X No
 Does this item include the use of federal funds? Yes No X

Budget Account No:
 Fund 3501 Dept 361 Unit 1945 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:
 Road Impact Fee Zone 1 Fund
 Donald Ross Rd., Prosperity Farms Rd. to E. of Ellison Wilson Rd.

New Task Authorization	
Basic Services	\$ 102,386.28
Reimbursables	\$ 80,604.77
Optional Services	\$ 29,530.76
Total Task Authorization	\$ 212,521.81
Staff Costs -	
Roadway Production	\$ 42,505.00
Right of Way	\$ 10,627.00
Survey	\$ 10,267.00
Traffic	\$ 21,253.00
Fiscal Impact	\$ 297,173.81

C. Departmental Fiscal Review: Alice Kovalainen

III. REVIEW COMMENTS

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

Beleyn Brewer 7/20/20
 OFMB
7/20

Laura...
 Contract Dev. and Control
 7-22-20 *TD*

B. Approved as to Form and Legal Sufficiency:

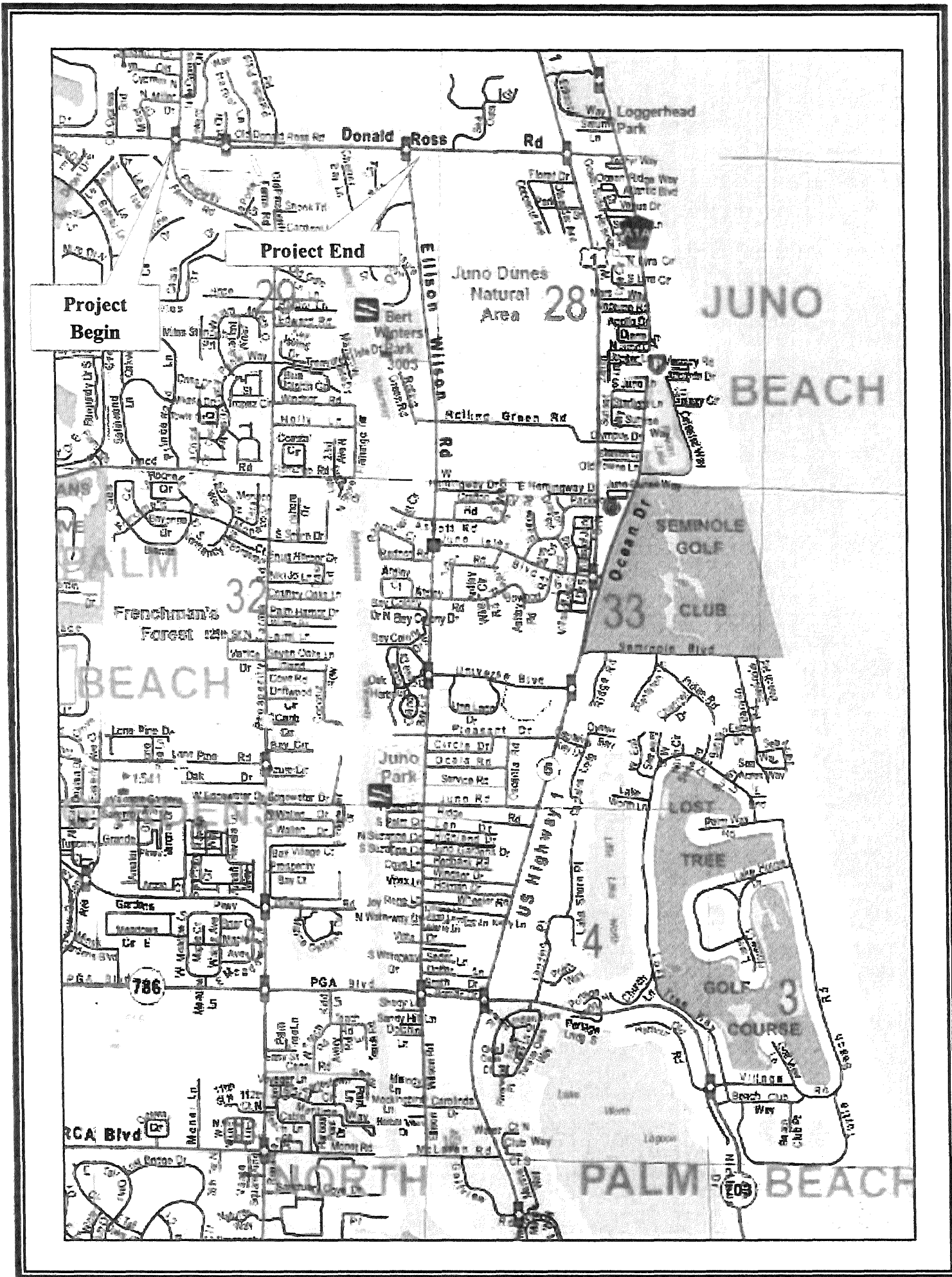
[Signature] 7/24/2020
 Assistant County Attorney

C. Other Department Review:

 Department Director

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

Palm Beach County Project No. 2019502
Donald Ross Road, Prosperity Farms Road to E. of Ellison Wilson Road



LOCATION SKETCH



**WORK TASK ORDER TO THE
ANNUAL CIVIL ENGINEERING PROFESSIONAL SERVICES CONTRACT
BY AND BETWEEN PALM BEACH COUNTY
AND CIVIL DESIGN, INC. FOR
DONALD ROSS ROAD, PROSPERITY FARMS ROAD
TO EAST OF ELLISON WILSON ROAD
PROJECT # 2019502**

This Work Task Order to the Annual Civil Engineering Professional Services Contract (R2019-0715), dated June 4, 2019 (ANNUAL CONTRACT), is made and entered into the _____ day of _____, 20__, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (COUNTY) and Civil Design, Inc. (CONSULTANT) (individually Party and collectively Parties).

WITNESSETH

WHEREAS, the COUNTY and CONSULTANT entered into the ANNUAL CONTRACT on a work task order basis on June 4, 2019 (R2019-0715) as amended on May 5, 2020 (R2020-0400); and

WHEREAS, the COUNTY intends to construct a six lane roadway on **Donald Ross Road from Prosperity Farms Road to East of Ellison Wilson Road**, Project No. **2019502** (PROJECT); and

WHEREAS, the COUNTY desires the CONSULTANT to perform design services for the PROJECT; and

WHEREAS, the CONSULTANT agrees to prepare the design plans and construction bid documents, including related documents required for the PROJECT; and

WHEREAS, the following fee has been negotiated and found to be reasonable compensation for these professional services to be performed by the CONSULTANT:

Basic Services in a lump sum fee of \$102,386.28
Reimbursable Expenses capped at \$80,604.77
Optional Services capped at \$29,530.76
Totaling **\$212,521.81**

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That for and in consideration of the

mutual benefits to flow from each to the other, the Parties hereto agree as follows:

The above recitals are true and correct and are incorporated herein.

The following Exhibits are attached to and made a part of this Work Task Order.

Exhibit A - Scope of Work including Work Schedule

Exhibit B - Fee Schedule

Exhibit C – OEBO Schedules 1 and 2

The COUNTY agrees to pay the CONSULTANT a fee of Two Hundred Twelve Thousand Five Hundred Twenty One Dollars and Eighty One Cents (\$212,521.81) for this Work Task Order.

REMAINDER OF PAGE LEFT BLANK INTENTIONALLY

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida has made and executed this Work Task Order for the PROJECT, pursuant to the ANNUAL CONTRACT, as amended, on behalf of the COUNTY, and CONSULTANT has hereunto set its hand the day and year above written.


OWNER:

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

CONSULTANT:

Civil Design, Inc.

BY: _____
Dave Kerner, Mayor

BY:  _____
T. Jeff Trompeter, P.E., President

S E A L

CORPORATE SEAL

ATTEST:


Sharon R. Bock, Clerk & Comptroller
Circuit Court

ATTEST WITNESS:

BY: Denise A. Bas-Arzuaga, CEO

(Print Name)


BY: _____
(Deputy Clerk)


 _____
(Signature)

**APPROVED AS TO TERMS
AND CONDITIONS:**

BY: Gabriel D. Burden, Vice President

(Print Name)

BY:  _____
Morton L. Rose, P.E.
Director of Roadway Production

 _____
(Signature)

**APPROVED AS TO FORM &
LEGAL SUFFICIENCY:**

BY: _____
Yelizaveta B. Herman,
Assistant County Attorney

Ketmell 4/7/20

*OK to proceed
for cost changes.*

JF 04-07-2020

March 27, 2020
Revised: April 3, 2020

Mr. Serge Jerome
Palm Beach County Engineering & Public Works Department
Roadway Production Division
2300 N. Jog Road, Vista Center – 3rd Floor
West Palm Beach, FL 33411

Re: Donald Ross Road – West of Prosperity Farms Road to East of Ellison Wilson Road
PBC Project No. 2019502

Dear Mr. Jerome:

Please find below and attached a task list and fee proposal for the subject work to be performed under our annual contract for engineering services with Palm Beach County (PBC).

Project Description:

The project consists of surveying, civil engineering, geotechnical and signalization tasks for ±5,800 linear feet of roadway, sidewalk, bike lanes, drainage permitting, guardrail, curb ramp and miscellaneous improvements to expand Donald Ross Road from 4-lanes to 6-lanes.

Project limits will commence approximately 700 feet west of Prosperity Farms Road and continue east to approximately 1,500 feet east of Ellison Wilson Road. Scope includes widening of the roadway from 4 lanes to 6 lanes through restriping west of Ellison Wilson Road. The design intent is to keep the outside curb lines undisturbed and create the widening through restriping and median modifications.

East of Ellison Wilson Road, the expansion will occur through reduction of the center median to accommodate the additional lanes and transitions. The median guardrail will be reviewed and upgraded to comply with current standards.

Intersections will receive curb ramp upgrades to meet current criteria. Intersection signalization will be upgraded to accommodate the additional through lanes.

Plans will be prepared in accordance with the latest standards of Palm Beach County as described in the Thoroughfare Roadway Design Procedures (latest edition), the Florida Design Manual (FDOT), and FDOT Manual of Uniform Minimum Standard for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook).

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

We will provide the following basic, optional, and reimbursable services as follows:

Basic Services

1. Master Plan/Typical Section
2. 35% Submittal
3. 65% Submittal
4. 96% Submittal
5. 100% Submittal
6. Final Submittal

Reimbursable Services

1. Survey – Brown & Phillips, Inc.
2. Geotechnical – Terracon Consultants, Inc.
3. Signalization – Simmons & White, Inc.
4. Printing Costs - Simmons & White, Inc.
5. Printing Costs – Civil Design, Inc.
6. Permit Fees – Civil Design, Inc.

Optional Services

1. Post Design Services - Civil Design, Inc.
2. Post Design Services - Simmons and White, Inc.
3. Technical Specifications - Simmons and White, Inc.

A. Basic Services:

1. Typical Section / Master Plan Submittal. The Typical Section package / Master Plan, is the preparation of the typical section and a master plan on the 1" = 40' aerials showing all proposed roadway geometrics. The typical section will include the widening from four to six lanes through outside lane restriping from west of Prosperity Farms Road to Ellison Wilson Road. The typical section east of Ellison Wilson Road will include widening to the inside by reduction of the existing landscaped median. The right-of-way width is variable with a typical width of 120' west of the bridge and 156' east of the bridge.

2. 35% Submittal. These services refer to the following packages:

- Initial Utility Contact Plan
- 35% Design Plans Submittal

Initial Utility Contact Plans – includes the preparation of plan and profile sheets showing the survey base line stations, intersecting side street names, existing profile and above ground utilities. These plans will be developed at a scale of 1"=40' on the aerial photographs for submittal to the utility companies that have facilities along the project corridor.

The 35% Design Plans submittal will include:

1. Title Sheet
2. Typical Section
3. Preliminary Drainage Map

4. Preliminary Geometrics
5. Benchmarks, References and Sectional Corners
6. Right of Way Lines, baseline of Survey and Centerline of Construction
7. Preliminary Drainage Design
8. Preliminary Profile Grade Lines
9. Existing Drainage
10. Existing Cross Sections
11. List of Required Permits
12. Design Survey
13. Electronic CADD files

3. **65% Submittal.** These services refer to the following packages:

- First Utility Coordination Meeting
- 65% Design Plans Submittal
- Permit Packages

The Utility Coordination submittal will accompany the 65% submittal. These tasks shall be done in accordance with the Appendix A of the Palm Beach County Thoroughfare Roadway Design Procedures. The utility providers will expose their utility lines. The utility conflict matrix will be provided after the pothole meeting.

The 65% Design Plans submittal will include:

1. Summary of Quantities (items only)
2. Drainage Design Computations
3. Proposed Drainage in Plan
4. Final Geometrics
5. Geometric computation book
6. Final Profiles
7. Limits of Construction
8. Proposed Cross Sections
9. Existing Utilities
10. Special Detail Sheets
11. Preliminary Signing and Pavement Marking Plans
12. Engineer's Cost Estimate
13. Review of tie-in conditions to determine if any restoration agreements might be needed
14. Utility conflict matrix provided after receipt of 65% comments
15. Preliminary Traffic Signal Plans

Permit Packages – includes the application for all applicable permits. A drainage report will be prepared and processed through the South Florida Water Management District as appropriate for storm water and outfall approval for the additional impervious area proposed east of Ellison Wilson Road. A Palm Beach County Environmental Resource Management permit is not required. NPDES permitting is not anticipated nor included.

4. 96% Submittal

These services refer to the following packages:

- Pothole meeting and 65% review comments
- 96% Design Plans Submittal

Utility Conflict Resolution Plans and Meeting is the utility coordination prior to the 96% submittal. These tasks shall be done in accordance with the Appendix A of the Palm Beach County Thoroughfare Roadway Design Procedures.

The 96% Design Plans submittal will include:

1. Review comments for the 65% submittal addressed
2. Special Provisions for Construction Specification
3. Summary of Quantities Sheet and itemized list of bid items with Quantities
4. Utilities on Plan and Profile
5. Drainage on Drainage Map and Plan and Profile Sheets, including drainage structures
6. Signing and Pavement Marking Plans
7. Special Detail Sheets
8. Cross Sections
9. Quantity Computation Book
10. Engineer's Cost Estimate based on County provided average unit prices
11. Traffic Signal Plans

5. 100% Submittal

These services refer to the following packages:

- Final Utility Coordination Meeting
- 100% Design Plans Submittal

Utility Coordination – involves coordination prior to the 100% submittal. These tasks shall be done in accordance with the Appendix A of the Palm Beach County Thoroughfare Roadway Design Procedures.

The 100% Design Plan submittal will include:

1. Review comments for the 96% submittal addressed
2. All permits received – in electronic PDF format

6. Final Submittal

This submittal shall be done in accordance with the Palm Beach County Thoroughfare Roadway Design Procedures.

B. Optional Services:

1. Post Design Services. We have allotted 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.
2. Construction Phase Services for Signalization. Our subconsultant, Simmons and White, Inc. has provided a proposal for post design services as requested by the Traffic Division. The scope of work and fee are detailed in their proposal attached herewith.
3. Technical Specifications. Our subconsultant, Simmons and White, Inc. has provided a proposal for post design services (technical specifications) as requested by the Traffic Division. The scope of work and fee are detailed in their proposal attached herewith.

C. Reimbursable Services

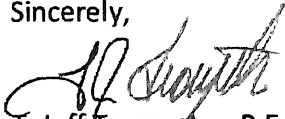
1. Surveying Services. Will be performed by our sub-consultant, Brown & Phillips, Inc., and will include the scope of work as detailed in their proposal attached herewith.
2. Geotechnical Services. Will be performed by our sub-consultant, Terracon Consultants, Inc., and will include the scope of work as detailed in their proposal attached herewith.
3. Signalization Services. Will be performed by our sub-consultant, Simmons and White, Inc., and will include the scope of work as detailed in their proposal attached herewith.
4. Permitting Fees. Permit fees for the South Florida Water Management District to modify the existing permit (50-03695-P) are included in this scope.
5. Printing and reprographic costs are included in this scope as detailed for the various submittals.

Project Limitations and Assumptions:

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

1. Plan submittals (5 sets of 11"x17" prints and a PDF version) will be prepared and submitted at the MP/TS, 35%, 65%, 96%, and 100% stages for PBC review and approval. The final deliverable will include 1 set of 11"x17" signed and sealed prints, 3 additional sets of 11"x17" unsigned prints, and 1 set of 11"x17" unsigned & unbound prints (for reproduction and file purposes), and two (2) CD-R with PDF version of the plans and associated electronic design files.
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.

Sincerely,



T. Jeff Trompeter, P.E.
President

**Donald Ross Road - West of Prosperity Farms Road to East of Ellison Wilson Road
PBC Project No. 2019502**

ID	Task Name	Duration	Start	Finish	Predecessors	2020												2021												2022																							
						May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug																				
1	Project Duration	760 days	Mon 6/1/20	Thu 6/30/22		[Gantt bar for Project Duration]																																															
2	NTP	1 day	Mon 6/1/20	Mon 6/1/20		[Gantt bar for NTP]																																															
3	Title from PBC RW	1 day	Mon 6/1/20	Mon 6/1/20		[Gantt bar for Title from PBC RW]																																															
4	Design Survey	91 days	Tue 6/2/20	Mon 8/31/20 3,2		[Gantt bar for Design Survey]																																															
5	PBC Review of Survey	30 days	Tue 9/1/20	Wed 9/30/20 4		[Gantt bar for PBC Review of Survey]																																															
6	Survey Revisions & Resubmittal	33 days	Thu 10/1/20	Mon 11/2/20 5		[Gantt bar for Survey Revisions & Resubmittal]																																															
7	PBC Review and Approval of Survey	30 days	Tue 11/3/20	Wed 12/2/20 6		[Gantt bar for PBC Review and Approval of Survey]																																															
8	Master Plan / Typical Section Submittal	30 days	Thu 12/3/20	Fri 1/1/21 7		[Gantt bar for Master Plan / Typical Section Submittal]																																															
9	Master Plan / Typical Section Review	30 days	Mon 1/4/21	Tue 2/2/21 8		[Gantt bar for Master Plan / Typical Section Review]																																															
10	35% Submittal	90 days	Wed 2/3/21	Mon 5/3/21 9		[Gantt bar for 35% Submittal]																																															
11	35% Review	30 days	Tue 5/4/21	Wed 6/2/21 10		[Gantt bar for 35% Review]																																															
12	1st Utility Coordination Meeting	1 day	Thu 6/3/21	Thu 6/3/21 11		[Gantt bar for 1st Utility Coordination Meeting]																																															
13	65% Submittal	120 days	Thu 6/3/21	Thu 9/30/21 11		[Gantt bar for 65% Submittal]																																															
14	65% Review	32 days	Fri 10/1/21	Mon 11/1/21 13		[Gantt bar for 65% Review]																																															
15	SFWMD Permit	90 days	Fri 10/1/21	Wed 12/29/21 13		[Gantt bar for SFWMD Permit]																																															
16	96% Submittal	90 days	Thu 12/30/21	Tue 3/29/22 14,15,12		[Gantt bar for 96% Submittal]																																															
17	96% Review	30 days	Wed 3/30/22	Thu 4/28/22 16		[Gantt bar for 96% Review]																																															
18	100% Documents	32 days	Fri 4/29/22	Mon 5/30/22 17		[Gantt bar for 100% Documents]																																															
19	100% Review	30 days	Tue 5/31/22	Wed 6/29/22 18		[Gantt bar for 100% Review]																																															
20	Final Utility Coordination Meeting	1 day	Tue 5/31/22	Tue 5/31/22 18		[Gantt bar for Final Utility Coordination Meeting]																																															
21	Final Submittal	30 days	Wed 6/1/22	Thu 6/30/22 20		[Gantt bar for Final Submittal]																																															

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Task		External Tasks		Manual Task		Finish-only	
Split		External Milestone		Duration-only		Progress	
Milestone		Inactive Task		Manual Summary Rollup		Deadline	
Summary		Inactive Milestone		Manual Summary			
Project Summary		Inactive Summary		Start-only			

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:
County:
PBC Project No.

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
Palm Beach
2019502

Consultant Name: Civil Design, Inc.
Consultant No.: P19-043

Staff Classification	Total Staff Hours	Principal Engineer (PE)	Senior Engineer (PE)	Project Engineer (EI)	AutoCAD Technician	Staff Hour By Activity	Salary Cost By Activity	Average Rate Per Task
		\$67.31 ✓	\$52.88 ✓	\$43.27 ✓	\$29.00 ✓			
1. Roadway Analysis	110.0	11.0	22.0	44.0	33.0	110.0 ✓	\$4,764.65	\$43.32
2. Roadway Plans	298.0	15.0	60.0	119.0	104.0	298.0 ✓	\$12,347.58	\$41.43
3. Drainage Analysis	48.0	10.0	19.0	19.0	0.0	48.0 ✓	\$2,499.95	\$52.08
4. Utilities	58.0	0.0	29.0	29.0	0.0	58.0 ✓	\$2,788.35	\$48.08
5. Environmental Permits & Compliance	30.0	0.0	15.0	15.0	0.0	30.0 ✓	\$1,442.25	\$48.08
6. Signing & Pavement Marking Analysis	96.0	4.0	10.0	48.0	34.0	96.0 ✓	\$3,861.00	\$40.22
7. Signing & Pavement Marking Plans	148.0	15.0	30.0	59.0	44.0	148.0 ✓	\$6,424.98	\$43.41
Total Staff Hours	788.0	55.0 ✓	185.0 ✓	333.0 ✓	215.0 ✓	788.0		
Total Staff Cost		\$3,702.05	\$9,782.80	\$14,408.91	\$6,235.00		\$34,128.76	\$43.31

Based on Civil Design, Inc. 2019-2020 Hourly Rates
Contract multiplier = 3.00

Multiplier 3.0

BASIC SERVICES:

SALARY RELATED COSTS:		\$ 34,128.76 ✓
OVERHEAD & PROFIT (200%):	2.00	\$ 68,257.52
SUBTOTAL BASIC SERVICES:		\$ 102,386.28 ✓

REIMBURSABLE SERVICES:

Subconsultant: Terracon Consultants, Inc.	\$ 7,713.26 ✓
Subconsultant: Brown & Phillips, Inc.	\$ 20,566.19
Subconsultant: Simmons & White, Inc.	\$ 48,200.32
Subconsultant: Simmons & White, Inc. - Printing/Reproduction	\$ 200.00
Subconsultant: Civil Design, Inc. - Printing/Reproduction	\$ 625.00
Subconsultant: Civil Design, Inc. - Permit Fees	\$ 3,300.00
SUBTOTAL REIMBURSABLES:	\$ 80,604.77 ✓

OPTIONAL SERVICES:

Post Design Services: Civil Design, Inc.	\$ 7,211.40
Post Design Services: Simmons & White, Inc.	\$ 16,383.36
Technical Specifications: Simmons & White, Inc.	\$ 5,936.00
SUBTOTAL OPTIONAL SERVICES:	\$ 29,530.76 ✓

TOTAL: \$ 212,521.81 ✓

1. Roadway Analysis

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
2019502

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
1.1	Typical Section	LS	1	8	8	
1.2	Horizontal/Vertical Alignments	LS	1	8	8	East of Ellison Wilson Road
1.3	Review of Cross Sections	EA	58	1	58	58 cross sections
1.4	Computation Book & Quantities	LS	1	8	8	
1.5	Cost Estimate	LS	3	4	12	Estimates at 65%, 96% and 100% submittals
Roadway Analysis Technical Subtotal					94	
1.6	Technical Meetings	LS	4	4	16	Review meetings at MP/TS, 35%, 65% and 96% submittals (4 meetings at 2 hrs x 2 people)
Roadway Analysis Nontechnical Subtotal					16	
1. Roadway Analysis Total					110 ✓	

2. Roadway Plans

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
2019502

Task No.	Task	Scale	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
2.1	Summary of Pay Items Including Qty Input		Sheet	1	4	1	4	
2.2	Drainage Map		Sheet	1	8	2	8	
2.3	Typical Section Sheet		Sheet	1	4	1	4	
2.4	Summary of Quantities		Sheet	1	4	1	4	
2.5	Plan		Sheet	10	8	1	80	
2.6	Profile		Sheet	2	8	2	16	Profiles east of Ellison Wilson Road only
2.7	Miscellaneous Detail Sheets		Sheet	1	8	1	8	
2.8	Cross Sections		EA	58	3	20	174	
2. Roadway Plans Total						34	298 ✓	

3. Drainage Analysis

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
2019502

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.1	Design of Storm Drains	EA	1	8	8	Verify pipe hydraulics and spread analysis for existing structures.
3.2	Drainage Design Documentation Report	LS	1	40	40	Drainage report to confirm acceptance of runoff from additional impervious area east of Prosperity Farms Road.
3. Drainage Analysis Total					48	

4. Utilities

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.

2019502

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Identify Existing (UAOs) Potential Conflicts	LS	5	4	20	Utility conflict matrix (65%, 96% and final)
4.2	Pothole/65% Utility Meeting	LS	1	4	4	Initial Utility Coordination Mtg (2 people x 2 hrs)
4.3	Collect and Review Plans and Data from UAO(s)	LS	5	2	10	5 utility providers @ 2 hrs each
4.4	Review Utility Markups and Incorporate into Plan Sets	LS	5	4	20	5 utility providers @ 2 hrs each
4.5	Final Utility Design Meeting	LS	1	4	4	Final Utility Coordination Meeting (2 people x 2 hrs)
4. Utilities Total					58 ✓	

5. Environmental Permits

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
2019502

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
5.1	Complete Permit Involvement Forms	LS	1	8	8	SFWMD permit application preparation
5.2	Submit & Process Permit Application	LS	1	16	16	SFWMD submittal, processing, follow-up, etc.
5.3	Meetings	EA	1	6	6	Agency Mtg (2 people @ 3 hrs/each = 6 hrs)
5. Environmental Permits & Compliance Total					30	

6. Signing Marking Analysis

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
2019502

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
6.1	Reference and Master Design File	LS	1	60	60	
6.2	Quantities	LS	3	4	12	Quantities at 65%, 96%, 100%
6.3	Computation Book	LS	1	24	24	
6. Signing and Pavement Marking Analysis Total					96 ✓	

7. Signing Marking Plans

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
2019502

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
7.1	Summary of Pay Items/Estimates		LS	3	4	1	12	Estimates at 65%, 96%, 100%
7.2	Tabulation of Quantities		Sheet	3	8	1	24	Tabulations at 65%, 96%, 100%
7.3	Plan Sheet		Sheet	14	8	14	112	
7. Signing and Pavement Marking Plans Total						16	148	

O. Optional Services

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT - POST DESIGN SERVICES

Name of Project: Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
 County: Palm Beach
 PBC Project No.: 2019502

Consultant Name: Civil Design, Inc.
 Consultant No.: P19-043

Staff Classification	Principal Engineer (PE)	Senior Engineer (PE)	Project Engineer (EI)	AutoCAD Technician	SH By	Salary Cost By	Average Rate Per
	\$67.31 ✓	\$52.88 ✓	\$43.27 ✓	\$29.00 ✓	Activity	Activity	Task
Post Design Services	20	20	0	0	40		
Total Staff Hours	20	20	0	0	40	\$2,403.80	\$60.10
Total Staff Cost	\$1,346.20 ✓	\$1,057.60 ✓	\$0.00	\$0.00		\$2,403.80	\$60.10 ✓

Based on Civil Design, Inc. 2019-2020 Hourly Rates
 Contract multiplier = 3.00

OPTIONAL SERVICES:
 SALARY RELATED COSTS: \$2,403.80
 OVERHEAD & PROFIT: 200.00% \$4,807.60
OPTIONAL SERVICES TOTAL: \$7,211.40 ✓

R. Reimbursable Expenses

Donald Ross Rd., west of Prosperity Farms Rd. to east of Ellison Wilson Rd.
2019502

Task No.	Task	Scale	Units	No. of Units	Sets	\$/sheet	Total Cost	Comments
R1	Prints for PBC submittals	11x17	Sheet	1250	1	\$0.50	\$625.00	5 sets @ 50 sheets x 5 submittals = 1,250
R2	SFWMD Permit Fee	1	Ea				\$3,300.00	SFWMD Major Modification; >10; <40 acres
R. Reimbursable Expenses Total							\$3,925.00	✓

South Florida Water Management District
PERMIT APPLICATION FEE SCHEDULE
 (Effective 8/7/2016)

Environmental Resource Permits

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

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

New Individual Agriculture or Silviculture Permit

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

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

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

Individual Agriculture or Silviculture Permit Major Modification

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

Individual or Conceptual Permit Minor Modification (includes Mitigation Banks)

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

New Individual or Conceptual Permit for a Mitigation Bank

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



Civil Design, Inc.
1400 Centrepark Boulevard, Suite 905
West Palm Beach, Florida 33401

Attn: Mr. Jeff Trompeter, P.E.
P: (561) 659-5760

Re: Proposal for Geotechnical Engineering Services
Donald Ross Rd Signalization Poles
Intersections w/ Prosperity Farms Rd, Port Cir & Ellison Wilson Rd
Palm Beach Gardens, Florida
Terracon Proposal No. PHD195052

Dear Mr. Trompeter:

We appreciate the opportunity to submit this proposal to Civil Design, Inc. (CDI) to provide Geotechnical Engineering services for the above referenced project. The following exhibits are included in this proposal.

Exhibit A	Project Understanding
Exhibit B	Scope of Services
Exhibit C	Compensation

Our base fee (maximum limiting amount for a unit rate fee) to perform the scope of services described in this proposal is \$7,713.26. See Exhibit C for more details of our fees and consideration of additional services.

Your authorization for Terracon to proceed in accordance with this proposal can be issued by signing and returning a copy of the attached Agreement for Services to our office.

Sincerely,
Terracon Consultants, Inc.

Terracon Consultants, Inc. 1225 Omar Road West Palm Beach, FL 33405
P (561) 689 4299 F (561) 689 5955 terracon.com



EXHIBIT A - PROJECT UNDERSTANDING

Our scope of services is based on our understanding of the project as described by CDI. We request the design team verify the following information prior to our initiation of field exploration activities.

We understand that the project will consist of widening Donald Ross Rd from 4 lanes to 6 lanes from about 700 ft west of Prosperity Farms Rd to about 700 ft east of Ellison Wilson Rd. The widening will require the addition of signal heads to the existing signalization poles (mast arms at Port Circle and span wire poles at Ellison Wilson Rd and Prosperity Farms Rd). Geotechnical information (i.e. lateral earth pressure parameters) is needed at this time to assess whether the existing signalization pole foundations can adequately support the additional load from the new signal heads.

EXHIBIT B - SCOPE OF SERVICES

Our proposed scope of services consists of field exploration, laboratory testing, and engineering/project delivery. These services are described in the following sections.

Field Exploration

The field exploration program consists of the following:

- Visit the project site, field mark boring locations, and contact the Sunshine State One Call of Florida (SSOCOF) for the clearance of public utilities.
- Once underground utility clearance and the right of way permit are obtained, mobilize a truck-mounted drilling rig and drill borings in accordance with the table that follows.

Number of Borings	Planned Boring Depth (feet)	Type	Planned Location
1	30	SPT	Donald Ross Rd Intersection with Prosperity Farms Rd
1	30	SPT	Donald Ross Rd Intersection with Port Circle
1	30	SPT	Donald Ross Rd Intersection with Ellison Wilson Rd
1. Below ground surface			

- A maintenance of traffic plan will be employed so that the field work may be completed safely, and in a manner that limits impacts to local traffic.

Proposal for Geotechnical Engineering Services

Donald Ross Rd Signalization Poles • Palm Beach Gardens, Florida



The SPT borings will be drilled using mud rotary methods and samples of the subsurface materials will be obtained at frequent vertical intervals in accordance with procedures outlined in ASTM D 1586 (the Standard Penetration Test) wherein split-barrel samples are obtained. SPT split spoon sampling will be continuous to a depth of 10 feet, and at 5-foot vertical intervals thereafter. In addition, we will observe and record groundwater levels during drilling. Once the samples have been collected and classified in the field, they will be placed in appropriate sample containers for transport to our laboratory.

The SPT boreholes will be backfilled with grout and cold patch asphalt and finished to match surrounding grades.

We understand that Palm Beach County will allow Terracon to perform the work without obtaining a Right of Way Use Permit. Therefore, our work scope does not include applying for or obtaining a Right of Way Use Permit.

We have assumed that we are not responsible for location of underground utilities beyond contacting SSOCOF locate service. If desired, we have included a (private company) utility locate under the Additional Services section of this proposal.

Property Disturbance - We have not budgeted to restore the site beyond grouting and patching the boreholes.

Laboratory Testing

The recovered soils and materials will be classified in the laboratory in accordance with the Unified Soil Classification System (ASTM D 2487) and appropriate geological terminology. Selected samples may be tested for moisture content and fines content.

Safety

Terracon is currently not aware of environmental concerns at this project site that would create health or safety hazards associated with our exploration program; thus, our scope considers standard OSHA Level D Personal Protection Equipment (PPE) appropriate. Our scope of services does not include environmental site assessment services, but identification of unusual or unnatural materials encountered while drilling will be noted on our logs and discussed in our report.

Exploration efforts require borings into the subsurface, therefore Terracon complies with local regulations to request a utility location service through the SSOCOF. We consult with the owner/client regarding potential utilities, or other unmarked underground hazards. Based upon the results of this consultation, we consider the need for alternative subsurface exploration methods, as the safety of our field crew is a priority.

Engineering and Project Delivery

Results of our field and laboratory programs are evaluated by a professional engineer. The engineer develops a geotechnical site characterization, performs the engineering calculations necessary and develops appropriate geotechnical engineering design criteria for the project.

Your project will be delivered using our *GeoReport* system. Upon initiation, we will provide you and your design team the necessary link and password to access the website (if not previously registered). Each project includes a calendar to track the schedule, an interactive site map, a listing of team members, access to all project documents as they are uploaded to the site, and a collaboration portal. A typical delivery process includes three basic stages:

- Stage 1: Project Planning
- Stage 2: Site Characterization
- Stage 3: Geotechnical Engineering

When utilized, a collaboration portal documents communication, eliminating the need for long email threads. This collaborative effort allows prompt evaluation and discussion of options related to the design and associated benefits and risks of each option. With the ability to inform all parties as the work progresses, decisions and consensus can be reached faster. In some cases, only minimal uploads and collaboration will be required, because options for design and construction are limited or unnecessary. This is typically the case for uncomplicated projects with no anomalies found at the site.

When services are complete, we will upload a printable version of our complete final geotechnical engineering report, including the professional engineer's seal and signature, which documents our services. Previous submittals, collaboration, and final report will be maintained in our system indefinitely. This allows future reference and integration into subsequent aspects of our services, as the project goes through final design and construction.

The final geotechnical engineering report provides the following:

- Site and Boring location plans
- Subsurface exploration procedures
- Soil boring logs with field data, soil stratification based on visual soil classification and laboratory test results (if needed).

Proposal for Geotechnical Engineering Services
Donald Ross Rd Signalization Poles ■ Palm Beach Gardens, Florida



- Groundwater levels observed during drilling
- Lateral earth pressure parameters

Our deliverables will also include submittal of a signed and sealed CAD sheet which provides the results of the borings and the tabulated summary of lateral earth pressure parameters for each boring.



EXHIBIT C - COMPENSATION

Compensation

Based upon our understanding of the site, the project as summarized in Exhibit A, and our planned scope of services outlined in Exhibit B, we propose to do the work on a unit rate basis with a maximum limiting amount of **\$7,713.26** as shown in the attachment to this proposal. The maximum amount will not be exceeded without due cause and your prior written authorization. Should additional work be needed beyond the scope described herein, that work will be covered by supplemental agreement. The rates shown in the attachment are consistent with our current continuing services contract with Palm Beach County.

Additional services not part of the base fee include the following:

Our scope of services does not include services associated with site clearing, wet ground conditions, or repair of damage to existing landscape. If such services are desired by the owner/client, we should be notified so we can adjust our scope of services.

Unless instructed otherwise, we will submit our invoice(s) to the address shown at the beginning of this proposal. If conditions are encountered that require scope of services revisions and/or result in higher fees, we will contact you for approval, prior to initiating services. A supplemental proposal stating the modified scope of services as well as its effect on our fee will be prepared. We will not proceed without your authorization, as evidenced by your signature on the Supplemental Agreement for Services form.

**EXHIBIT C - BUDGET SUMMARY DONALD
ROSS RD SIGNALIZATION POLES
TERRACON CONSULTANTS, INC
GEOTECHNICAL ENGINEERING SERVICES**

ITEM DESCRIPTION	UNITS	QUANT.	UNIT RATE	FEE
GEOTECHNICAL				
I. PROJECT START UP & MOBILIZATION				
A. Stake Boring Locations & Utility Clearance	hours	8	\$ 82.01	\$656.08 ✓
B. Drilling Crew Mobilization (Truck-Mounted Drill Rig)	each	1	\$ 350.00	\$350.00 ✓
SUBTOTAL - START UP & MOB				\$1,006.08 ✓
II. FIELD EXPLORATION				
A. Senior Engineering Technician Oversight	hours	8	\$ 82.01	\$656.08 ✓
B. SPT Boring (3 @ 30 ft deep)	feet	90	\$ 13.00	\$1,170.00 ✓
C. Grouting of SPT Boring (3 @ 30 ft deep)	feet	90	\$ 4.00	\$360.00 ✓
D. Traffic Control	days	2	\$ 1,000.00	\$2,000.00 ✓
SUBTOTAL - FIELD EXPLORATION				\$4,186.08 ✓
III. LABORATORY TESTING				
A. Visual Engineering Classification (Engineer, P.E.)	hours	2	\$ 110.95	\$221.90 ✓
B. Organic Content	each	2	\$ 50.00	\$100.00 ✓
SUBTOTAL - LABORATORY TESTING				\$321.90 ✓
IV. ENGINEERING & REPORT PREPARATION				
A. Senior Geotechnical Engineer	hours	4	\$ 141.95	\$567.80 ✓
B. Engineer, P.E.	hours	12	\$ 110.95	\$1,331.40 ✓
C. CADD	hours	5	\$ 60.00	\$300.00 ✓
SUBTOTAL - ENGINEERING				\$2,199.20 ✓
TOTAL - Maximum Limiting Amount				\$7,713.26 ✓

Responsive ■ Resourceful ■ Reliable

EXHIBIT C - COMPENSATION 2 of 2

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Mr. Jeff Trompeter
 Civil Design, Inc.
 1400 Centrepark Boulevard
 Suite 905
 West Palm Beach, FL 33401

**Re: Donald Ross Road from Prosperity Farms Road to Ellison Wilson Road – Mill and Re-Surface
 Topographic Survey
 Palm Beach County Project No. 2019502**

Dear Jeff:

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 in accordance with all applicable requirements, 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 Donald Ross Road. 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 83/90 Adjustment). We will obtain the sectional and geodetic control information from the Palm Beach County Survey Department. No title review is proposed.

The limits of the survey are from 700' west of Prosperity Farms Road to the east end of the Sea Oats Drive median (see included map).

II. 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.

III. 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 5,400'± mile route. These baseline points will be used in the topographic and cross section phase to locate features and facilitate checks.

IV. 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 four (4) horizontal control points.

V. SECTION TIES AND PROPERTY TIES

We will tie in section corners and property corners along the route to check the present alignment of Donald Ross Road. 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.

VI. SIDE STREET SURVEYS

No side streets are included, only the limits as shown on the included map.

VII. TOPOGRAPHY AND CROSS SECTIONS

A topographic survey with cross sections at approximately 100' intervals will be performed along the route. The topographic locations and cross sections will cover the roadway from edge-of-pavement to edge-of-pavement east of Prosperity Farms Road to west of Ellison Wilson Road. For this portion of roadway, topographic locations will include striping, curbs, cut-outs and hardscape (no utilities will be located). From Prosperity Farms Road westerly approximately 700', the topographic locations and cross sections will cover the roadway from back-of-walk to back-of-walk and 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. (full topographic survey). From Ellison Wilson Road easterly to the east side of Sea Oat Drive median and approximately 100' southerly on Ellison Wilson Road, the topographic locations and cross sections will cover the roadway from right-of-way to right-of-way extending to 25 feet outside the right of way. The 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. (full topographic survey).

VIII. AS-BUILTS

In the areas of full topographic survey, 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.

IX. TREE LOCATIONS

We will locate all the trees (4" and larger measured at breast height) and shrubs/hedges within the limits of the survey. These will be shown on the CADD file with types and caliper sizes. Not a tree survey.

X. 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 Civil Design, 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 \$20,566.19** (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.

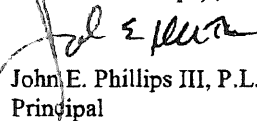

John E. Phillips III, P.L.S.
Principal



TABLE 'A'

Donald Ross Road from Prosperity Farms Road to Ellison Wilson Road - Mill and Re-Surface

Type of Survey: Roadway Design
 Size: 5400'±

TASK	3 MAN CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				2	
Horizontal Project Network Control	4		1		Establish control
Compile R/W Map			10	2	Review/compile furnished right-of-way
Vertical Project Network Control	10		2		Set benchmarks along corridor
Baseline Layout	5		1		Layout baseline at 100' intervals
Horizontal Control Points	4		1		Set horizontal control points and prepare PNC Sheet
Section Ties	2		1	0.5	Tie in PBCo. Horizontal control
Subdivision & Property Ties	6		2	1	Tie in adjoining property corners
Side Street Surveys	3		1		Side streets to 100'
Topography	36		6	2	Locate all above ground features, 100' cross sections
As-builts	2				As-built storm structures
Tree Locations	2				Locate planted trees in R/W
Specific Purpose Survey		40	6	3	Prepare drawing of Specific Purpose Survey (10 sheets)
Address Comments			5	3	
Total Hours:	74 ✓	40 ✓	36 ✓	13.5 ✓	
Rate/Hour	\$162.37 ✓	\$90.28 ✓	\$90.28 ✓	\$125.15 ✓	
Subtotal:	\$12,015.38 ✓	\$3,611.20 ✓	\$3,250.08 ✓	\$1,689.53 ✓	
Total Labor Cost:					\$20,566.19 ✓

<u>Other Direct Costs:</u>	<u>quantity</u>	<u>unit</u>	<u>cost/unit</u>	<u>total</u>
Prints		sheet	\$1.50	\$0.00
Shipping		cost x markup	1.20	\$0.00
Other				\$0.00
Total Other Direct Costs:				\$0.00
TOTAL PRICE				\$20,566.19 ✓

A





Approved
FJ
4-7-2026

Civil Design, Inc.
1400 Centrepark Boulevard
Suite 905
West Palm Beach, Florida 33401

Attention: Mr. Jeff Trompeter, P.E.

Reference: Donald Ross Road ± 700' west of Prosperity Farms Road
to 700' east of Ellison Wilson Road
Project #2019502
Palm Beach County, Florida

Dear Mr. Trompeter:

We are pleased to submit the following proposal for professional services in connection with signal design for the above referenced project which includes three (3) signals: Palmwood Road (strain), Port Circle (mast arm), Ellison Wilson Road (strain). Simmons & White, Inc., hereinafter referred to as the Consultant, proposes to furnish professional services for Palm Beach County Traffic Division, hereinafter referred to as the Client of the scope outlined below for the fees stipulated herein.

Scope of Services

The Consultant will perform the following:

1. Signalization Plans - Prepare Signalization Plans in the standard plan format 11" x 17", and at a scale of 1" = 40' (1" = 20' scale will be provided only as requested). All signals are existing and no new structures are anticipated. Signal plans will accommodate changes required for widening Donald Ross Road from 4-lane to 6-lane.

The traffic signals will be designed in accordance with Palm Beach County design criteria in conjunction with criteria established in the Manual on Uniform Traffic Control Devices (MUTCD).

2581 Metrocentre Boulevard West Suite 3 West Palm Beach Florida 33407
T: 561.478.7848 F: 561.478.3738 www.simmonsandwhite.com
Certificate of Authorization Number 3458

Scope of Services (Continued)

Detailed information will include signal head type and locations, signal phasing/sequencing diagram, preemption timing chart, vehicle detection chart, pedestrian actuation, signal pole locations, stop bars, pedestrian crosswalks, traffic lane lines and other appropriate details. The Consultant will provide plans to Palm Beach County's Utility Coordinator for utility coordination. The Consultant will coordinate power service with FP&L.

The following sheets will comprise the Signalization Plan set:

- a. Key Sheet – A key sheet for the project will be prepared indicating the project number, County name, street name, Plan Index and other appropriate general construction data.
- b. Quantities Sheet – The quantities sheet will include a tabulation of items, descriptions and quantities of materials and type of work.
- c. General Notes – General notes referencing pay items or indicating special design information such as but not limited to controller operations or maintenance of traffic will be provided.
- d. Signalization Plans – All items necessary to construct the proposed signal modifications.
- e. Signalization Detail Sheets – Mast Arm, Strain Pole, and Conduit detail sheets required by maintaining agency and FDOT for approval.

NOTE: Does not include the costs associated with utility relocation coordination, lighting design, preparing or submitting variances, or preparing easements and/or right-of-way takes.

2. Structure Analysis – Prepare structural analysis report of existing mast arms and strain pole systems to ascertain expected capacity after new heads added to existing systems. Special designs and designing new structures are not included in this scope.

NOTE: Survey to be provided by Client. Geotechnical Testing to be provided by Client.

Scope of Services (Continued)

3. Technical Special Provisions – Prepare special provisions for bid purposes using latest County specifications.
4. Provide services during construction as required to certify the completed project to the governing agencies, in general accordance with Attachment “A”.
5. Revisions to the above based on Roadway, Signing and Pavement Marking Plan changes, governing agencies requests for additional information, or items beyond the Control of the Consultant will be provided on an as-needed basis at our current hourly billing rate with approval from the Client.
6. Additional services requested by the Client and agreed to by the Consultant such as, but not limited to, assistance with bidding, additional meetings, utility relocation plan preparation, special mast arm or foundation designs or details, or traffic control plans.

Items to be Furnished by the Client
at No Expense to the Consultant

Assist the Consultant by placing at his disposal all available pertinent information relative to the project.

Furnish at no cost to the Consultant:

1. Specialized foundation and/or structural design.
2. Lighting design.
3. Construction testing.
4. Traffic counts, if required.
5. Survey, roadway design (including curb ramp design), signing and pavement marking.

Items to be Furnished by the Client
at No Expense to the Consultant (Continued)

- 6. Utility routes for FP&L, telephone, Cable T.V., gas, irrigation, lighting, etc. may be required. This coordination effort is assumed to be provided by the Client or their representatives.
- 7. All required easements for proposed will be provided by the Client's Surveyor.

In addition to the above, other special data, all of which the Consultant will rely upon in performing services.

It is agreed and understood that the accuracy and veracity of said information and data may be relied upon by the Engineer without independent verification of the same.

Time of Performance

The Scope of Services will be completed within a time frame to be mutually agreed upon except for delays beyond the control of the Consultant.

Fees to be Paid

The Consultant shall be paid the following lump sum fees and hourly fee estimates for the Items in the Scope of Services:

Item 1 – Signalization Plans	=	\$36,328.32
Item 2 – Structural Analysis	=	\$11,872.00
Item 3 – Technical Special Provisions	=	\$ 5,936.00
Item 4 – Services During Construction	=	\$16,383.36

For Items 3 through 6, the Consultant shall be paid at hourly rates according to our existing Palm Beach County contract. For the purpose of this proposal, technical special provisions in Item 3 are anticipated to be \$5,936.00 and construction services in Item 4 are anticipated to be \$16,383.36. For the purpose of this proposal, we are not anticipating project costs for Items 5 and 6. Reprographic fees not to exceed \$200.00.

ATTACHMENT "A"

POST DESIGN
DESCRIPTION OF SERVICES DURING CONSTRUCTION

1. Review shop drawings.
2. Coordinate, prepare and submit pre-construction meeting submittals to applicable governing agencies and attend pre-construction meeting.
3. Conduct semi-final and final inspection with Palm Beach County Construction Coordination/Engineering/Traffic.
4. Review job progress with Client.
5. At the Client's request, investigate matters which may arise during construction and provide recommendations, observations and other services as required.
6. Prepare as-built plans per Palm Beach County Standards.

SIMMONS and WHITE
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road
TRAFFIC SIGNAL DESIGN

Total Contract Cost Computations	\$	16,240.00
Total Activity Salary Costs		
(a) Overhead Additives:		
(a1) Combined OH Percent		165.00%
(a2) Combined OH Cost	\$	<u>26,796.00</u>
Subtotal (Salary + Overhead)	\$	43,036.00 ✓
(b) Operating Margin Percent		12.00%
(b) Operating Margin Cost	\$	<u>5,164.32</u>
Subtotal (Salary Related Cost)	\$	48,200.32
Subtotal (Cost Elements of Design Activities)	\$	48,200.32 ✓

TOTAL SERVICES \$ 48,200.32

REIMBURSABLE ITEMS (Limiting Amount)

Expenses 560 8.5" by 11" @ \$0.25	\$	140.00 ✓
Expenses 80 11" by 17" @ \$0.75	\$	60.00 ✓

TOTAL REIMBURSABLE ITEMS \$ 200.00 ✓

OPTIONAL SERVICES

Technical Special Provisions	\$	5,936.00
Post Design Services	\$	<u>16,383.36</u>

TOTAL OPTIONAL SERVICES \$22,319.36

LUMP SUM=	\$	70,719.68 ✓
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2.97 Multiplier

SIMMONS and WHITE
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road
 700' West of Prosperity Farms Rd. to 700' East of Ellison Wilson Rd.
TRAFFIC SIGNAL DESIGN

	Senior Engineer		MAN HOURS	HOURLY RATE	Designer		ACTIVITY TOTAL MAN HOURS
	MAN HOURS	HOURLY RATE			MAN HOURS	HOURLY RATE	
SIGNAL PLANS	174.0	\$ 50.00			118.0	\$ 30.00	292.0
STRUCTURAL ANALYSIS	80.0	\$ 50.00	-			\$ 30.00	80.0
		\$ 50.00	-			\$ 30.00	-
		\$ 50.00	-			\$ 30.00	-
		\$ 50.00	-			\$ 30.00	-
		\$ 50.00	-			\$ 30.00	-
TOTALS	254.0				118.0		372.0

SIGNAL PLANS	\$ 8,700.00	\$ -	\$ 3,540.00
STRUCTURAL ANALYSIS	\$ 4,000.00	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
TOTALS	\$ 12,700.00	\$ -	\$ 3,540.00
			\$ 16,240.00

	BY ACTIVITY	COST FOR ACTIVITY	HOURLY RATE
SIGNAL PLANS	292.0	\$ 12,240.00	41.92
STRUCTURAL ANALYSIS	80.0	\$ 4,000.00	50.00
	-	\$ -	
	-	\$ -	
	-	\$ -	
	-	\$ -	
TOTALS	372.0	\$ 16,240.00	\$43.68 <i>Average per hour</i>

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 1 - SIGNAL PLANS

TASK NO.	TASK	UNITS	NO. OF UNITS	HOURS/ UNITS	TOTAL HOURS	COMMENTS
1	Traffic Data Collection	LS	0	0	0	
2	Intersection Field Data Collection	PI	1	12	12	
3	Utilities Coordination	LS	1	40	40	Utilities coordination to be done by PBC/Prime. Includes correspondence, meeting attendance and coordinating power source
4	System Timings	LS	1	0	0	
5	Reference and Master Signalization Design File	PI	1	76	76	
6	Reference and Master Interconnect Communication Design File	LS	1	12	12	ITS at intersections only
7	Overhead Street Name Design	EA	0	0	0	
8	Pole Elevation/Structural Analysis	EA	3	24	72	4 mast arms and 2 strain pole systems
9	Traffic Signal Operation Report	LS	1	8	8	
10	Quantities	LS	1	10	10	
11	Cost Estimate	LS	2	4	8	
12	Technical Special Provisions	LS	1	0	0	Listed under Optional services
Signalization Analysis Technical Subtotal					238 ✓	

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 1 - SIGNAL PLANS

TASK NO.	TASK	UNITS	NO. OF UNITS	HOURS/ UNITS	TOTAL HOURS	COMMENTS
13	Field Reviews	LS	1	6	6	
14	Technical Meetings	LS	1	6	6	
15	Quality Assurance/Quality Control	LS	1	0	0	
16	Independent Peer Review	LS	0	0	0	
17	Supervision	LS	1	0	0	
Signalization Analysis Nontechnical Subtotal					12	
18	Coordination/Permitting	LS	1	24	24	No permitting required. Coordination between prime and geotech/structural subs as needed to complete work
Signalization Analysis Total					274 ✓	

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2 - SIGNAL PLANS

TASK NO.	TASK	UNITS	NO. OF UNITS	HOURS/ UNITS	NO. OF SHEETS	TOTAL HOURS	COMMENTS
1.	Key Sheet	Sheet	1	4	1	4	0
2.	Summary of Pay Items	Sheet	0	0	0	0	
3.	Tabulation of Quantities	Sheet	1	12	1	12	
4.	General Notes/Pay Item Notes	Sheet	1	8	1	8	
5.	Plan Sheet	Sheet	6	8	6	48	
6.	Interconnect Plans	Sheet	0	0	0	0	
7.	Traffic Monitoring Site	EA	0	0	0	0	
8.	Guide Sign Work Sheet	EA	0	2	0	0	
9.	Special Details	Sheet	1	2	0	2	
10	Special Service Point Details	EA	0	0	0	0	
11	Mast Arm Details Sheet	PI	2	8	2	16	
12	Strain Pole Schedule	PI	2	4	1	8	
TOTAL THIS SHEET						98	✓

SIMMONS & WHITE
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road
TRAFFIC SIGNAL DESIGN POST DESIGN
OPTIONAL SERVICES

Total Contract Cost Computations	\$	7,520.00
Total Activity Salary Costs		
(a) Overhead Additives:		
(a1) Combined OH Percent		165.00%
(a2) Combined OH Cost	\$	<u>12,408.00</u>
Subtotal (Salary + Overhead)	\$	19,928.00
(b) Operating Margin Percent		12.00%
(b) Operating Margin Cost	\$	<u>2,391.36</u>
Subtotal (Salary Related Cost)	\$	22,319.36
Subtotal (Cost Elements of Optional Activities)	\$	<u>22,319.36</u> ✓

TOTAL OPTIONAL SERVICES \$ 22,319.36 ✓

REIMBURSABLE ITEMS (Limiting Amount)

TOTAL REIMBURSABLE ITEMS \$ -

2.97 Multiplier

LUMP SUM=	\$ 22,319.36
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SIMMONS & WHITE
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Donald Ross Road from 700' West of Prosperity Farms Rd. to 700' East of Ellison Wilson Rd. ☐
TRAFFIC SIGNAL DESIGN OPTIONAL SERVICES
OPTIONAL SERVICES

	Senior Engineer		MAN HOURS	HOURLY RATE	Designer		ACTIVITY TOTAL MAN HOURS
	MAN HOURS	HOURLY RATE			MAN HOURS	HOURLY RATE	
SHOP DRAWINGS	36.0	\$ 50.00	-	-	-	\$ 30.00	36.0
MEETINGS/COORDINATION	24.0	\$ 50.00	-	-	-	\$ 30.00	24.0
		\$ 50.00	-	-	-	\$ 30.00	-
MISC COORDINATION	12.0	\$ 50.00	-	-	-	\$ 30.00	12.0
AS-BUILT	24.0	\$ 50.00	-	-	24.0	\$ 30.00	48.0
TECH SPEC PROV	40.0	\$ 50.00	-	-	-	\$ 30.00	40.0
			-	-	-		-
TOTALS	136.0		-	-	24.0		160.0

SHOP DRAWINGS		\$ 1 800.00		\$ -		\$ -
MEETINGS/COORDINATION		\$ 1 200.00		\$ -		\$ -
		\$ -		\$ -		\$ -
MISC COORDINATION		\$ 600.00		\$ -		\$ -
AS-BUILT		\$ 1 200.00		\$ -		\$ 720.00
TECH SPEC PROV		\$ 2 000.00		\$ -		\$ -
		\$ -		\$ -		\$ -
TOTALS		\$ 6,800.00		\$ -		\$ 720.00
						\$ 7,520.00

	BY ACTIVITY	COST FOR ACTIVITY	HOURLY RATE
SHOP DRAWINGS	36.0	\$ 1,800.00	50.00
MEETINGS/COORDINATION	24.0	\$ 1,200.00	50.00
	-	\$ -	
MISC COORDINATION	12.0	\$ 600.00	50.00
AS-BUILT	48.0	\$ 1 920.00	40.00
TECH SPEC PROV	40.0	\$ 2 000.00	50.00
	-	\$ -	
TOTALS	160.0	\$ 7,520.00	\$47.00

2.97 Multiplier

Average per hour

HIGHWAY TASK LIST

ACTIVITY: A. POST-DESIGN SERVICES

SUBACTIVITY: 1 - SIGNALIZATION PLANS

TASK NO.	TASK	UNITS	NO. OF UNITS	HOURS/ UNITS	TOTAL HOURS	COMMENTS
1	Shop Drawings	LS	1	36	36	Assumes no need for second review
2	Meetings/Coordination	LS	1	24	24	Precon and construction meetings
3	Misc	LS	1	12	12	Fielding queries about design, mast arms specifics, and other communication that regularly occurs on PBC projects
4	As-builts	LS	1	48	48	as-builts
TSP	Technical Special Provision	LS	1	40	40	
Signalization Analysis Technical Subtotal					160	✓

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Donald Ross Road - West of Prosperity Farms

SOLICITATION/PROJECT/BID NAME: Road to East of Ellison Wilson Road

SOLICITATION/PROJECT/BID No.: 2019502

NAME OF PRIME RESPONDENT/BIDDER: Civil Design, Inc.

ADDRESS: 1400 Centrepark Blvd, Suite 905, West Palm Beach, FL 33401

CONTACT PERSON: Thomas J. Trompeter, President

PHONE NO.: (561) 659-5760 x 8006 E-MAIL: jtrompeter@civil-design.com

SOLICITATION OPENING/SUBMITTAL DATE: September 18, 2018

DEPARTMENT: Engineering & Public Works

PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT ON THIS PROJECT. PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT.

Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	Non-SBE	M/WBE	SBE	Black	Hispanic	Women	Caucasian	Other
		Minority/Women Business	Small Business					(Please Specify)
1. Civil Design, Inc. 1400 Centrepark Blvd., Suite 905, WPB, FL 33401, (561) 659-5760	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____	\$113,522.68	_____	_____	_____
2. Brown & Phillips, Inc. 1860 Old Okeechobee Rd., Suite 509, WPB, FL 33401, (561) 615-3988	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$20,566.19	_____	_____	_____	_____
3. Simmons & White, Inc. 2581 Metrocentre Blvd., Suite 3, WPB, FL 33407, (561) 478-7848	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$70,719.68	_____
4. Terracon Consultants, Inc. 1225 Omar Rd., WPB, FL 33405, (561) 689-4299	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	\$7,713.26	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____

(Please use additional sheets if necessary)

				Total	\$20,566.19	\$113,522.68	_____	\$78,432.94	_____
Total Bid Price \$	212,521.81			Total SBE - M/WBE Participation	\$204,808.55				

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

- Note:**
- The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and/or M/WBE, please indicate the dollar amount under the appropriate category.
 - Modification of this form is not permitted and will be rejected upon submittal.

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2019502

SOLICITATION/PROJECT NAME: Donald Ross Road - West of Prosperity Farms Road to East of Ellison Wilson Road

Prime Contractor: Civil Design, Inc.

Subcontractor: Civil Design, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 6/25/19-5/19/22

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. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Civil Engineering - Roadway	Ea	1	N/A	\$102,386.28
2	Civil Engineering - Reimbursable Printing	Ea	1	N/A	\$625.00
3	Civil Engineering - Reimbursable Permit Fees	Ea	1	N/A	\$3,300.00
4	Civil Engineering - Post Design Services	Ea	1	N/A	\$7,211.40

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: \$113,522.68

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.

N/A
Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: N/A

Civil Design, Inc.
Print Name of Prime

By: [Signature]
Authorized Signature

T. Jeff Trompeter, P.E.
Print Name

President
Title

Date: April 3, 2020

Civil Design, Inc.
Print Name of Subcontractor/subconsultant

By: [Signature]
Authorized Signature

T. Jeff Trompeter, P.E.
Print Name

President
Title

Date: April 3, 2020

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. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2019502

SOLICITATION/PROJECT NAME: Donald Ross Road - West of Prosperity Farms Road to East of Ellison Wilson Road

Prime Contractor: Civil 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): 1/31/19-1/30/22

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. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Surveying Services	Ea	1	N/A	\$20,566.19

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: \$20,566.19

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.

N/A

Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Civil Design, Inc.

Print Name of Prime

By: 

Authorized Signature

T. Jeff Trompeter, P.E.

Print Name

President

Title

Date: April 3, 2020

Brown & Phillips, Inc.

Print Name of Subcontractor/subconsultant

By: 

Authorized Signature

Anthony Brown

Print Name

CEO

Title

Date: April 3, 2020

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. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2019502

SOLICITATION/PROJECT NAME: Donald Ross Road - West of Prosperity Farms Road to East of Ellison Wilson Road

Prime Contractor: Civil Design, Inc. Subcontractor: Simmons & White, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 6/22/19-6/21/22.

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 type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input checked="" type="checkbox"/> Caucasian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Supplier

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Traffic Engineering	Ea	1	N/A	\$48,200.32
2	Traffic Engineering - Reimbursable Printing	Ea	1	N/A	\$200.00
3	Traffic Engineering - Post Design Services	Ea	1	N/A	\$16,383.36
4	Traffic Engineering - Technical Specifications	Ea	1	N/A	\$5,936.00

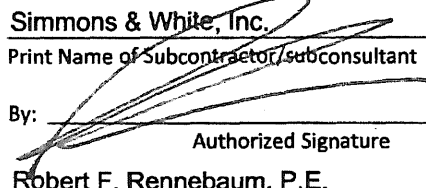
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$70,719.68

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.

N/A Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Civil Design, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
T. Jeff Trompeter, P.E.
 Print Name
President
 Title
 Date: April 6, 2020

Simmons & White, Inc.
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
Robert F. Rennebaum, P.E.
 Print Name
President
 Title
 Date: April 3, 2020

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. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2019502

SOLICITATION/PROJECT NAME: Donald Ross Road - West of Prosperity Farms Road to East of Ellison Wilson Road

Prime Contractor: Civil Design, Inc. Subcontractor: Terracon Consultants, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): N/A

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

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


S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

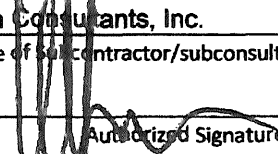
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Geotechnical Services	Ea	1	N/A	\$7,713.26

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: \$7,713.26

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.

N/A Price or Percentage: N/A
 Name of 2nd/3rd tier Subcontractor/subconsultant

Civil Design, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
T. Jeff Trompeter, P.E.
 Print Name
President
 Title
 Date: April 7, 2020

Terracon Consultants, Inc.
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
Michael J. O'Connor, P.E.
 Print Name
Principal & Office Manager
 Title
 Date: April 8, 2020

Insured Name

Civil Design Inc. (DX00000502)

Civil Design Inc. (DX00000502)

Active Records Only
Advance Search

Insured Tasks Admin Tools

View

- Insured
- Notes
- History
- Deficiencies
- Coverages
- Requirements
- Contract Screen

Add

Edit

Help

Video Tutorials

Insured

Name: Civil Design Inc.

Account Number: DX00000502

Address:

Status: Currently in Compliance.

Business Unit(s) DBA Number Print Insured Info

Account Information

Account Number: DX00000502

Risk Type: Standard - Professional Services

Do Not Call: Address Updated:

Address Information

Mailing Address Physical Address

Insured: Civil Design Inc.

Address 1:

Address 2:

City:

State:

Zip:

Country:

Contract Information

Contract Number:

Contract Start Date:

Contract End Date:

Contract Effective Date:

Contract Expiration Date:

Description of Services: Civil Engineering Annual Services on a Work Task Order Basis

Safety Form II: No

Contact Information

Contact Name: T. Jeff Trompeter

Misc:

Phone Number: 5616595760

Alt Phone Number:

Fax Number:

E-Mail Address: jtrompeter@civil-design.com

Approval Date:

Rush: No

Contract on File: No

Certificate Received: No

Indemnification Agreement: No

Tax Id:

This Account created by c28 on 02/19/2020.