

Agenda Item #: 3-C-3

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: July 10, 2018	<input checked="" type="checkbox"/>	Consent	<input type="checkbox"/>	Regular
	<input type="checkbox"/>	Workshop	<input type="checkbox"/>	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 task order to the annual structural engineering contract R2017-0026 with Alan Gerwig & Associates, Inc. (AGA) in the amount of \$118,555.92 for professional services for Wabasso Drive over the Lake Worth Drainage District Lat. 2 (LWDD L-2) Canal (934237) project.

SUMMARY: Approval of this task order will provide the professional services necessary for the preparation of design plans and construction bid documents for the project. The Engineering Department's Roadway Production Division is proposing to replace the existing bridge on Wabasso Drive over the LWDD L-2 Canal with a reinforced circular concrete pipe culvert with concrete headwall. The existing crossing of the LWDD L-2 Canal consists of a short single-span bridge that needs to be replaced. The Small Business Enterprise (SBE) goal for all contracts is 15%. AGA proposes 100% SBE participation for this task order. AGA is a Palm Beach County (County) based company. Design completion is anticipated in early 2020. Construction funds are available in FY 2021. **This project is funded by the infrastructure sales tax. District 7 (LBH)**

Background and Justification: On January 10, 2017, the Board of County Commissioners (BCC) approved an annual contract R2017-0026 with AGA to provide professional services required for County structural engineering projects. The County now desires AGA to prepare design plans and construction bid documents for the project, as detailed in Exhibit "A" of the attached task order. The fee, as detailed in the attached task order, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$ 76,879.71	(Roadway Plans, Signal Analysis, Utility Coordination, Permitting).
Reimbursable Expenses (Not to Exceed)...	\$ 23,512.47	(Survey, Geotechnical, Permit Fees, Reprographics).
Optional Services (Not to Exceed).....	\$ 18,163.74	(Utility Relocation Design, Survey).
Total:	\$118,555.92	

After reviewing the attached task order and finding it in proper order, the Engineering Department recommends the BCC's approval.

Attachments:

- 1. Location Map
- 2. Task Order with Exhibits "A", "B", "C" and "D" and Certificate of Insurance (2)
- 3. Project Work Schedule

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Recommended by: David L. Bell 6/25/2018
Department Director Date

Approved By: De 7/1/18
Assistant County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2018	2019	2020	2021	2022
Capital Expenditures	<u>\$142,276</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>\$142,276</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 3950 Dept 361 Unit 1557 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Local Government One-Cent Infrastructure Surtax Fund
Wabasso Dr. over LWDD Lat. 2 Canal (934237)

Basic Services	\$ 76,879.71
Reimbursable Services	\$ 23,512.47
Optional Services	\$ 18,163.74
	<u>\$118,555.92</u>
Staff Costs	
Roadway Production	\$ 11,860.00
Right of Way	\$ 2,965.00
Survey	\$ 2,965.00
Traffic	\$ 5,930.00
Fiscal Impact	<u>\$142,275.92</u>

C. Departmental Fiscal Review: Alii Kovalainen

III. REVIEW COMMENTS

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

Debra Burt OFMB *dk 6/6*
6/6 *jm 6/6* J. J. Jacobs Contract Dev. and Control *6/15/18*

B. Approved as to Form and Legal Sufficiency:

J. J. Jacobs 6/28/18
Assistant County Attorney

C. Other Department Review:

Department Director

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

Wabasso Drive over LWDD Lat. 2 Canal (934237)
Palm Beach County Project No. 2018802



LOCATION MAP

WORK TASK ORDER TO ANNUAL CONTRACT BETWEEN

**PALM BEACH COUNTY
AND
ALAN GERWIG & ASSOCIATES, INC.**

**FOR PROFESSIONAL ENGINEERING SERVICES ON
WABASSO DRIVE OVER LWDD LAT. 2 CANAL (934237)**

**PROJECT NO.: 2018802
PALM BEACH COUNTY, FLORIDA**

THIS WORK TASK ORDER TO THE ANNUAL CONTRACT, made and entered into this day of _____ 2018, by and between **Palm Beach County (COUNTY)**, a Political Subdivision of the State of Florida, by and through its Board of County Commissioners, and Alan Gerwig & Associates, Inc., a Florida Corporation with an address of 12798 W. Forest Hill Boulevard, Suite 201, Wellington, Florida 33414, hereinafter called the **CONSULTANT**.

W I T N E S S E T H

WHEREAS, the **COUNTY** and **CONSULTANT** entered into an Annual Contract for Structural Engineering Services on a task order basis on January 10, 2017 (R2017-0026).

WHEREAS, the **COUNTY** desires the **CONSULTANT** to perform structural engineering services for Wabasso Drive over LWDD Lat. 2 Canal (934237), Palm Beach County, Florida (**PROJECT**); and,

WHEREAS, the **CONSULTANT** agrees to perform the structural engineering services required for preparing design plans and construction bid documents, including related documents for the **PROJECT**; and,

Re: Wabasso Drive over LWDD Lat. 2 Canal (934237)
Project No.: 2018802

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 \$76,879.71;

Reimbursable Expenses capped at \$23,512.47;

Optional Services capped at \$18,163.74;

Totaling \$118,555.92

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:

1. The **CONSULTANT** agrees to provide professional services as described in **Exhibit "A"** of this Work Task Order known as "SCOPE OF WORK & FEE".
2. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in **Exhibit "B"** of this Work Task Order.
3. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in **Exhibit "C"** of this Work Task Order.
4. The **CONSULTANT** has provided sub-consultant Letters of Intent to perform as an SBE as described in **Exhibit "D"** of this Work Task Order.
5. The **COUNTY** agrees to pay the **CONSULTANT** a fee of One Hundred Eighteen Thousand Five Hundred Fifty-Five Dollars and Ninety-Two Cents (\$118,555.92).
6. The **CONSULTANT** warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status, sexual orientation, gender identity and expression, or genetic information pursuant to Palm Beach County Resolution R-2017-1770, as may be amended.
7. SECTION 22 – **ADDITIONAL REPORTING**

COUNTY requires **CONSULTANT** to track during the **PROJECT**, and report at the end of the **PROJECT**, the county of residence of the Consultant's employees and its subconsultants' employees. **CONSULTANT** agrees to prepare and provide the required report with its request for final payment.

Except as hereby amended, changed or modified, all other terms, conditions and obligations of the Contract dated **January 10, 2017 (R2017-0026)**, shall remain in full force and effect.

Re: Wabasso Drive over LWDD Lat. 2 Canal (934237)
Project No.: 2018802

IN WITNESS WHEREOF, the parties hereto have made and executed this Work Task Order as of the day and year first above written.

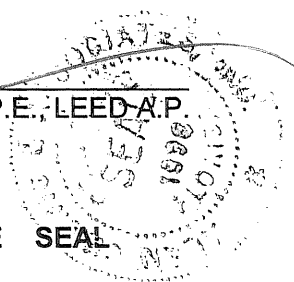
OWNER:
Palm Beach County, Florida, a
Political Subdivision of the
State of Florida

CONSULTANT:
Alan Gerwig & Associates, Inc.
a Florida Corporation

BOARD OF COUNTY COMMISSIONERS

BY: _____
Melissa McKinlay, Mayor

BY: _____
Alan Gerwig, P.E., LEED A.P.
President



SEAL

CORPORATE SEAL

ATTEST:
Sharon R. Bock, Clerk & Comptroller
Circuit Court

ATTEST WITNESS:
BY: MICHAEL GAMBACORTE
(Print Name)

BY: _____
(Print Name)

(Signature)

(Signature)

BY: Andrea Kelly
(Print Name)

(Signature)

APPROVED AS TO TERMS
AND CONDITIONS:

BY: Omelio A. Fernandez
Omelio A. Fernandez, P.E.
Director of Roadway Production

APPROVED AS TO FORM &
LEGAL SUFFICIENCY:

BY: _____
Yelizaveta B. Herman,
Assistant County Attorney

12798 W. Forest Hill Boulevard
Suite 201
Wellington, FL 33414
Phone: (561) 792-9000
Fax: (561) 792-9901
CA No. 7969

Exhibit "A" – Page 1 of 17

Alan Gerwig & Associates, Inc.
Consulting Engineers



March 29, 2018

Kristine Frazell-Smith, P.E.
Palm Beach County
Roadway Production Division
2300 N. Jog Road, Suite 3W-33
West Palm Beach, FL 33411

Sandra Milne Aspin
4/16/18
OK K. Frazell-Smith
4/16/18

RE: Wabasso Drive over LWDD L-2 Canal
Palm Beach County Proj. No. 2018802

Dear Ms. Frazell-Smith;

Alan Gerwig & Associates (AGA) ("Consultant") is pleased to submit this letter of agreement ("Agreement") for providing professional engineering services to Palm Beach County, ("Client") for the above referenced project. Our project understanding, scope of services and fees are as follows.

Project Understanding

Palm Beach County Roadway Production Division is proposing to replace the existing bridge on Wabasso Dr. over the LWDD L-2 Canal with a reinforced concrete pipe culvert. The roadway construction limits of the project will be from the intersection at Aspen Road at the south end to the intersection at Oswego Avenue at the north end.

The existing crossing of the L-2 Canal consists of a short single-span bridge, which needs to be replaced. The bridge will be replaced with a circular concrete culvert with concrete headwalls.

The road section will be reconstructed along with drainage improvements where necessary to convey the runoff from the right-of-way to the canal. The existing drainage outfalls to the canal will be replaced and incorporated into the proposed culvert in the canal. The typical section is expected to consist of two 12' travel lanes with a 2' wide curb and gutter and a 6' wide sidewalk on either side of the road.

Scope of Work – Basic Services

AGA will provide the design services required to prepare construction documents and specifications for the roadway, minor drainage modifications and replacement of the existing bridge over the L-2 Canal with a pipe culvert. Design surveying services and geotechnical engineering services will be provided by AGA with sub consultants. The sub consultants' fees for these professional services are included in this proposal. The scope of services includes the following design tasks:

- Design Survey – see attached details from sub-consultant HSQ Group.
- Geotechnical Investigation – see attached details from sub-consultant Nutting Engineers of Florida, Inc.
- Develop a typical section for Wabasso Drive within the proposed limits of construction.
- Develop initial horizontal layouts for the project. This will include two options: one with the headwalls for the proposed culvert in the canal a minimum of 22' from the edge of the travel lane, and the other with the east headwall adjacent to the back of sidewalk with a concrete traffic railing.
- Design of the roadway within the required limits of construction.
- Design of connection of existing drainage system outfalls into the L-2 Canal.
- Design of culvert and headwalls in canal.
- Identify and address exiting utility conflicts within the right-of-way. Existing utility coordination will be managed by Palm Beach County. AGA will provide plans to Palm Beach County for transmission to utility purveyors. Upon receipt of returned plans marked up by each utility purveyor AGA will add the information to the construction drawings and prepare a conflict matrix. The matrix will be forward to Palm Beach County for their use in scheduling utility coordination meetings. AGA will attend the utility coordination meeting and assist identifying conflicts and resolutions of same.
- Plan submittals at 35%, 65%, 96%, 100% and Final. Preliminary calculations will be submitted with the 65%, 96% and 100% submittals. Final design calculations will be furnished with the Final submittal.
- Provide preliminary quantities and cost estimates with the 65%, 96% and 100% submittals.
- Provide final quantities and cost estimate with the Final submittal.

The basic scope of services will include obtaining the following permits:

- Lake Worth Drainage District Culvert Crossing Permit.
- Lake Worth Drainage District Roadway Permit Modification.
- South Florida Water Management District Environmental Resource Permit.
- Army Corp of Engineers Permit.

Scope of Work – Optional Services

The scope of Optional Services is detailed below:

- Design custom headwalls for the culvert in the canal to produce the top of headwall elevation to meet PBC’s requirements.
- Post design services on an hourly basis.

Assumptions

- Palm Beach County will be responsible for utility coordination.
- The culvert will be a circular pipe culvert.
- As Built drawings will be provided by the contractor.

Basic Services Fees

Prime Consultant Fee ✓ \$ 76,879.71

Reimbursable Fees

Surveying Services ✓ \$10,430.47
Geotechnical Engineering Services ✓ \$ 6,522.00
Allowance for Permit Fess ✓ \$ 6,560.00
Total: ✓ \$ 23,512.47

Optional Services

Custom Headwall Design ✓ \$ 11,863.14
Post Design Services (Hourly) ✓ \$ 6,300.60
Total: ✓ \$ 18,163.74

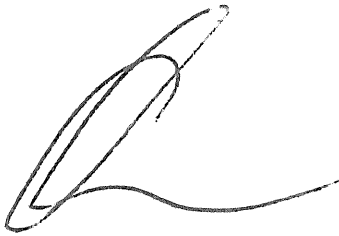
Deliverables

Total \$118,555.92

Construction documents will be prepared on 11” x 17” plan sheets. Four sets of plans and two sets of calculations will be submitted at each plan review stage for review and comment. The geotechnical report will be submitted only at the 35% submittal phase. Four sets of plans plus one signed and sealed set will be submitted after the 100% plans are reviewed and approved.

A breakdown of the fee for the scope of work is attached, which details the man hours and rates for your review. If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to be 'A. Gerwig', with a stylized, looping initial 'A' and a trailing horizontal stroke.

Alan Gerwig, P.E., LEED A.P.
President

FINANCIAL MANAGEMENT PLAN

Project Wabasso Dr over LWDD L-2 Canal
 Project No. _____
 PM _____

Date 13-Dec-17
 Revised _____
 4-Apr-18

Task Outline	TOTALS	Total Hours	Estimated Labor					
			Sr. Engineer	Project Manager	Proj. Engineer	Engineer	Designer	El
BASIC SERVICES								
Miscellaneous Tasks and Drawings								
Overall Project Layout	\$1,943.28	12	8	4				
Field Reviews	\$1,260.12	8	4	4				
Project Coord., Technical Mtgs, etc.	\$3,203.40	20	12	8				
Misc Task Subtotal ✓	\$6,406.80							
Initial Layout Options								
Prepare Initial layout Plans	\$3,586.56	24	12	8			4	
Review Options with PBC	\$630.06	4	2	2				
Develop Typical Road & Culvert Sections	\$2,326.44	16	8	4			4	
Initial Layout Subtotal ✓	\$6,543.06							
35% Plan Submittal								
Survey Coordination	\$971.64	6	4	2				
Geotech Coordination	\$971.64	6	4	2				
Cover Sheet	\$533.16	4	2				2	
General Notes	\$1,216.32	8	6				2	
Drainage Map	\$724.74	6	2				4	
Existing & Proposed Roadway Plan & Profile	\$2,421.12	18	8	2			8	
Existing Road Sections	\$1,163.22	8	4	2			2	
Existing Canal Sections	\$1,204.80	10	2	2			6	
Culvert/Headwalls Layout & Preliminary Details	\$1,696.38	12	6	2			4	
Miscellaneous Details	\$1,066.32	8	4				4	
Incorporate Soil Boring Log	\$362.37	3	1				2	
Establish LWDD Canal Design Section	\$1,163.22	8	4	2			2	
Subtotal 35% Plans ✓	\$13,494.93							
Add Existing Utilities to Plans and Evaluate	\$1,943.28	12	8	4				
65% Plan Submittal								
Address Comments on 35% Submittal	\$3,009.60	20	12	4			4	
Drainage Design & Computations	\$3,256.50	20	14	6				
Proposed Drainage in Plan & Profile	\$3,392.76	24	12	4			8	
Identify Utility Conflicts (conflict matrix)	\$630.06	4	2	2				
Proposed Roadway Cross Sections (up to 8 ea.)	\$2,326.44	16	8	4			4	
Proposed Drainage Structures Sections	\$2,037.96	14	8	2			4	
Culvert Design & Details	\$2,037.96	14	8	2			4	
Canal Sections & Canal Stabilization	\$2,182.20	15	8	3			4	
Establish limits of Construction	\$341.58	2	2					
Preliminary Quantities	\$1,216.32	8	6				2	
Preliminary Cost Estimate	\$971.64	6	4	2				
Utility Coordination Meeting	\$630.06	4	2	2				
Subtotal 65% Plans ✓	\$22,033.08							

Exhibit "A" – Page 5 of 17

Task Outline	TOTALS	Total Hours	Estimated Labor							
			Sr. Engineer	Project Manager	Proj. Engineer	Engineer	Designer	El		
96% Plan Submittal										
Address Comments on 65% Submittal (incl. Utility)	\$3,692.76	24	16	4			4			
Final Drainage Design & Computations	\$1,313.22	8	6	2						
Final Drainage in Plan & Profile	\$1,696.38	12	6	2			4			
Final Culvert Design & Details	\$1,354.80	10	4	2			4			
Revised Quantities & Cost Estimate	\$1,163.22	8	4	2			2			
Subtotal 96% Plans ✓ \$9,220.38										
100% Plan Submittal										
Address Comments on Utilities and 96% Submittal	\$1,366.32	8	8							
Revise Quantities & Cost Estimate	\$683.16	4	4							
Prepare 100% Plans	\$1,163.22	8	4	2			2			
Final Utility Coordination - Final meeting	\$630.06	4	2	2						
Subtotal 100% Plans ✓ \$3,842.76										
Final Plan Submittal										
Address Comments on 100% Submittal	\$1,163.22	8	4	2			2			
Final Set of Plans	\$2,326.44	16	8	4			4			
Subtotal Final Plans ✓ \$3,489.66										
Permits										
Pre-Application Meeting with LWDD	\$630.06	4	2	2						
Pre-Application Meeting with SFVMD	\$630.06	4	2	2						
Lake Worth Drainage District Culvert Permit	\$1,846.38	12	8	2			2			
Lake Worth Drainage District Roadway Permit	\$1,163.22	8	4	2			2			
SFVMD ERP	\$2,818.02	18	12	4			2			
Army Corps of Engineers Permit	\$2,818.02	18	12	4			2			
Subtotal Permitting ✓ \$9,905.76										
Basic Services Total Fee ✓ \$76,879.71										

Task Outline		TOTALS	Total Hours	Estimated Labor					
				Sr. Engineer	Project Manager	Proj. Engineer	Engineer	Designer	El
<input checked="" type="checkbox"/> OPTIONAL SERVICES									
Custom Headwall Design									
Headwall Geometry		\$1,066.32	8	4				4	
Custom Headwall Design Calculations		\$6,213.00	40	24	12			4	
Custom Headwall Details		\$3,134.34	26	6	4			16	
Incorporate Custom Headwall Into Plans		\$1,449.48	12	4				8	
Subtotal Headwall ✓ \$11,863.14									
Post Design Services									
Hourly Post Design Services ✓ \$6,300.60			40	20	20				
Optional Services Total Fee ✓ \$18,163.74									
TOTAL HOURS ✓ 640				✓ 351	✓ 153	0	0	✓ 136	0
BILLING RATE				✓ \$170.79	✓ \$144.24	✓ \$126.27	✓ \$100.95	✓ \$95.79	✓ \$90.00
TOTAL DOLLARS ✓ \$95,043.45				✓ \$59,947.29	✓ \$22,068.72	\$0.00	\$0.00	✓ \$13,027.44	\$0.00
Subcontractors		Cost	Notes: Permit agencies						
Surveyor (Reimbursable)		✓ 10,430.47	SFWMD ERP ✓ \$3,500						
Geotechnical Engineer (Reimbursable)		✓ 6,522.00	LWDD Culvert ✓ \$2,760						
			LWDD Drainage ✓ \$300						
			ACOE Dredge and Fill Permit \$0						
Total Subcontracts		\$ 16,952.47							
Reimbursable Charges				Summary					
Supplies, Printing, Copies, Etc.			\$0.00	Total Hours ✓ 640					
Sub-consultant Reimbursables (see breakdown from HSQ)				Total Labor Dollars ✓ \$95,043.45					
Total			\$0	Material Dollars ✓ \$6,560.00					
Permit Fees				Miscellaneous Dollars ✓ \$16,952.47					
SFWMD, LWDD (see notes above for list of agencies)			✓ \$6,560	Subcontractors ✓ \$118,555.92					
Total Project									
Distribution () Accounting () Project Notebook () Other _____									

3.0 multiplier

SFWMD

PERMIT APPLICATION FEE SCHEDULE

(Effective 8/7/2016)

Environmental Resource Permits

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

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

New Individual Agriculture or Silviculture Permit

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

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

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

Individual Agriculture or Silviculture Permit Major Modification

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

Individual or Conceptual Permit Minor Modification (includes Mitigation Banks)

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

New Individual or Conceptual Permit for a Mitigation Bank

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

LAKE WORTH DRAINAGE DISTRICT
OPERATING POLICIES

Chapter 2: Fees

2.2 STORMWATER MANAGEMENT PERMIT FEE SCHEDULE

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

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

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

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

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

LAKE WORTH DRAINAGE DISTRICT
OPERATING POLICIES

Chapter 2: Fees

2.3 RIGHT-OF-WAY PERMIT FEE SCHEDULE (CONTINUED)

<u>Right-of-Way Permit Types</u>	<u>Permit Application Fee</u>	<u>One-Time Right-of-Way Usage or Occupancy Fee</u>
Bridges [REF: CHAPTER 3, SECTION 3.1]	\$ 0.25 per S.F. of bridge surface (min. \$ 300.00)	\$ 0.40 per S.F. of bridge surface (min. \$ 450.00)

Bridge surface includes the entire length of the bridge (including the length of approach slabs) multiplied by the entire bridge width.

Bulkheads [RE: CHAPTER 3, SECTION 3.6]	\$ 10.00 per L.F. of bulkhead within canal right-of-way (min. \$ 500.00)	\$ 15.00 per L.F. of bulkhead within canal right-of-way (min. \$ 750.00)
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Culvert Crossings [REF: CHAPTER 3, SECTION 3.4]	✓ \$ 9.00 per L.F. of culvert within canal right-of-way (min. \$ 300.00)	✓ \$ 14.00 per L.F. of culvert within canal right-of-way (min. \$ 450.00)
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Culverts 200 feet or longer (as measured along the channel) are considered to be piping of a LWDD canal and will require Board approval (see Section 3.9).
[REF: CHAPTER 3, SECTION 3.4]

✓
 $120 LF \times (\$9.00 + \$14.00) = \$2,760$



HSQ GROUP, INC.
Engineers • Planners • Surveyors
1489 West Palmetto Park Road, Suite 340
Boca Raton, Florida 33486
(561) 392-0221 Phone • (561) 392-6458 Fax

Exhibit "A" – Page 11 of 17

WABASSO DRIVE BRIDGE AT LWDD CANAL

Land Survey Scope of Services

January 10, 2018

PROJECT LIMITS

Wabasso Drive: from c/l Aspen Road to c/l Oswego Avenue (275 l.f.)

LWDD (Lake Worth Drainage District) Canal: 100' east and west of Wabasso Drive right-of-way (200 l.f.)

Total length of survey approximately 475 l.f. (See attached sketch of survey limits.)

SCOPE OF SERVICES

The Specific Purpose/Topographic Survey will be done in accordance with the current State of Florida Standards of Practice and the applicable portions of the Palm Beach County Thoroughfare Road Design Procedures (Feb. 2006) except as otherwise designated herein (i.e.: NAVD88 vertical datum).

1. Review a title search provided by Palm Beach County. Research and obtain plats and deeds from the Palm Beach County Property Appraiser's website, the Palm Beach County Clerk's website, and Lake Worth Drainage District to establish the existing right-of-ways, and compile the data into a base map. Consultant will advise the County of any apparent missing right-of-way documentation or of any apparent gaps or overlaps in the right-of-way per the documents provided.
2. Prepare a drawing showing the linework, width, and recording information of the right-of-way and easement documents provided, and submit the drawing to the county for review and confirmation of the existing right-of-ways.
3. Collect horizontal global positioning control monumentation and set control points every 600'± tied to Florida East Zone State Plane Coordinates (NAD 83, 1990 adjustment).
4. Collect published vertical benchmarks, run a closed level loop, and set benchmarks outside the limits of construction (NAVD 1988 datum) every 600'±.
5. Locate subdivision corners, section corners, and other existing control monuments that will assist in the determination of the location of the right-of-way lines and platted centerlines. Identify the existing control recovered and provide ties to the project baseline.
6. Locate above ground features (including walks, utilities, signage, striping, etc.) within the right-of-ways with elevations.
7. Cross-section the right-of-ways at 100' intervals extending 25'± outside the right of way.
8. Obtain cross sections of the LWDD canal extending 100' east and west of the existing bridge barriers (6 sections). Prepare cross section sheets for LWDD showing location map, canal baseline (not monumented), and cross-sections.
9. Locate trees within the road right-of-way having a DBH of 4" or greater with size and type.
10. Obtain inverts and bottom of drainage structures within the right of way with pipe sizes and materials. Locate any drainage outfall and/or connection culverts.
11. Obtain the finished floor elevations of the 5 adjacent residences.
12. Prepare a DTM (digital terrain model) of the site.
13. Establish a baseline for Wabasso Drive. Set baseline points at beginning and end. Set reference points to the baseline points (3 reference points each).
14. Prepare a Specific Purpose Survey consisting of:
 - labeled right-of-ways, easements, and adjacent parcels,
 - the existing features mentioned above with spot elevations,
 - on 11"x17" sheets at a scale of 1"=40',
 - PBCO published section corners and/or control monuments tied to baseline begin and end,
 - the found subdivision corners and/or other existing control monuments identified and tied to the baseline,
 - the control points (horizontal and vertical) set every 600'± outside of the limits of construction,
 - the drainage structure rim and invert data and apparent connections,

Exhibit "A" – Page 12 of 17

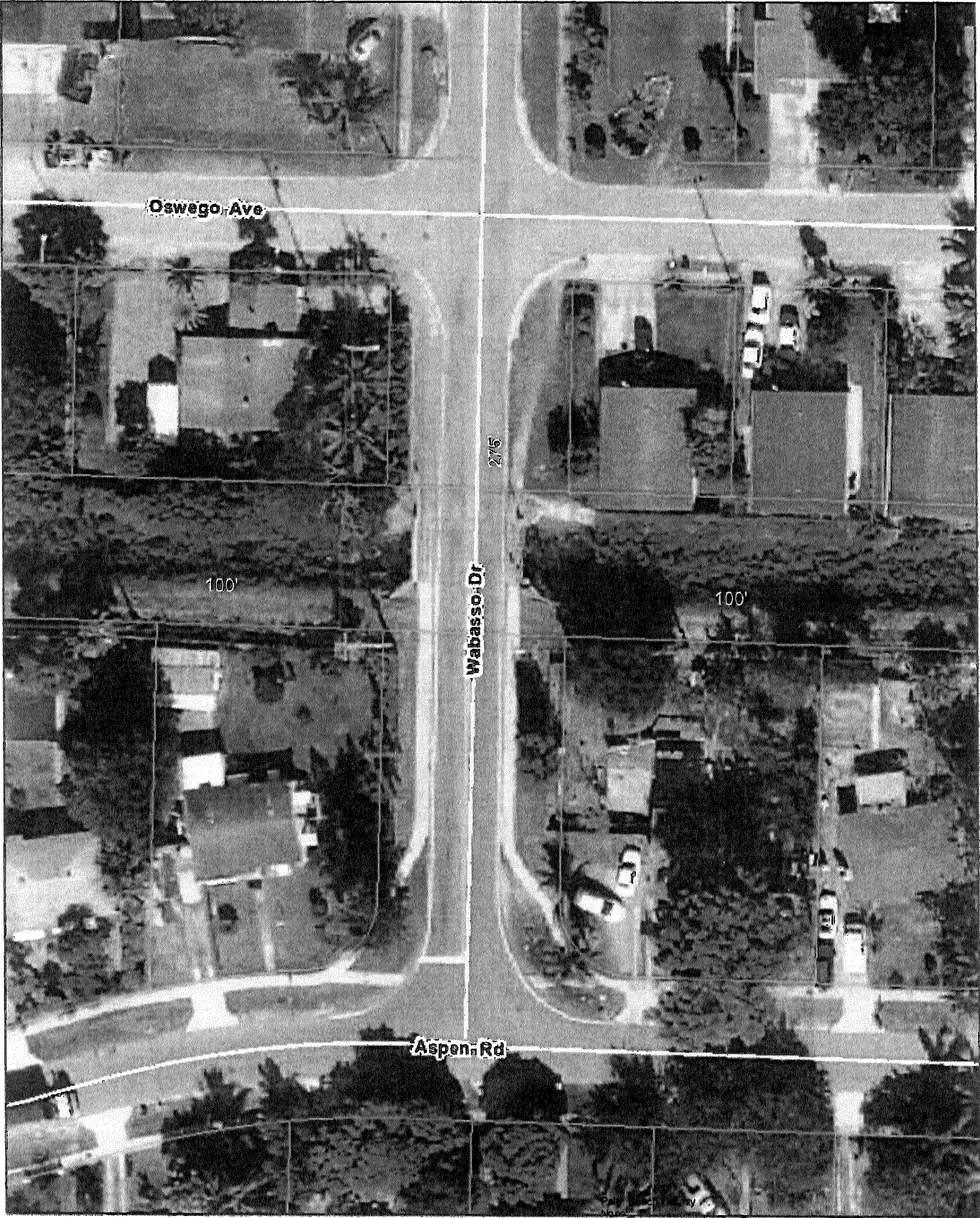
- the monumentation set at the baseline points and the references to same,
 - map of survey to be included in the plan set and signed and sealed by the surveyor.
15. Prepare Project Network Control Sheet (to include baseline data, PBCo control monuments, baseline monumentation, control points/benchmarks, notes, legend, etc.), and Reference Point Sheet to be included in plan set.
 16. Create deliverable Microstation files and points file.

SURVEY DELIVERABLES

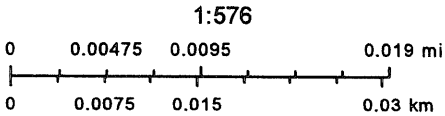
- 1- Map of right-of-way and easement documents (11"x17" sheets, 1"=40' scale).
- 2- Specific Purpose Survey (11"x17" sheets, 1"=40' scale).
- 3- Project Network Control Sheet(s) and Reference Point Sheet(s).
- 4- The SURVRD01 file in a Microstation cad format.
- 5- An ASCII file of points in terms of x,y,z, description.
- 6- A DTM in XML format for Microstation.
- 7- Cross section sheets for LWDD right-of-way (in dwg and pdf).

Wabasso Dr. Bridge

Exhibit "A" – Page 13 of 17



November 30, 2017



WABASSO DRIVE BRIDGE

Land Surveying Services



HSQ GROUP, INC.

Engineers • Planners • Surveyors

Item No.	Work Task	Estimated Work Hours				Notes
		Two-Man Field Crew	Senior Surveyor and Mapper	Surveyor and Mapper	CADD Technician	
1	Review title search, property appraiser data, and record documents, create base map of r/w's and adjoining parcels. Contact LWDD.			3	4	
2	Prepare drawing of right-of-way and easement documents provided, submit to county for review.		1	2	2	
3	Collect GPS control data & set control points.	6		1	1	
4	Collect benchmarks, run level loop, set project benchmarks.	6		1	2	1/2 mile away
5	Locate subdivision, section, &/or existing corners.	1		1	1	
6	Locate above ground features with elevations	2		1	2	
7	Cross section r/w's @ 100'	3		1	3	
8	Cross section canal	6	1	2	6	Prepare cross section sheets for LWDD
9	Locate trees within the right-of-ways	1			1	
10	Detail existing drainage within right-of-ways.	3		1	3	(approximately 4 structures)
11	Obtain 5 finished floor elevations.	0.5			0.5	
12	Prepare specific purpose survey.		1	1.5	8	
13	Prepare DTM.			2	2	
14	Create, monument, & reference baseline	3		1	1	
15	Prepare PNC & Reference Point sheets.		1	1	4	
16	Create deliverable Microstation & points files.			1	1	
TOTAL HOURS		31.5	4	19.5	41.5	

Exhibit "A" – Page 14 of 17



HSQ GROUP, INC.

Engineers • Planners • Surveyors

WABASSO DRIVE BRIDGE
Summary - Surveying fee proposal

Description	Two-Man Field Crew		Senior Surveyor and Mapper		Surveyor and Mapper		CADD Technician		Total	Total
	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HRS. ACTIVITY	COST BY ACTIVITY
Surveying Services	✓ 31.50	\$ ✓ 49.50	✓ 4.00	\$ ✓ 55.00	✓ 19.5	\$ ✓ 44.25	✓ 41.5	\$ ✓ 27.75	✓ 96.5	\$ ✓ 3,793.76
		✓ \$1,559.25		\$ ✓ 220.00		✓ \$862.88		✓ \$1,151.63		

HSQ FEE CALCULATIONS

Type of services	Cost by activity	Overhead multiplier	Overhead cost	Subtotal (cost by activity + overhead cost)	Profit (%)	Total
Surveying Services	\$ ✓ 3,793.76	145.48%	\$ ✓ 5,519.16	\$ ✓ 9,312.92 ✓ (+1,117.55)	12.00%	\$ ✓ 10,430.47
TOTAL						\$ ✓ 10,430.47

2.749 multiplier



Exhibit "A" – Page 16 of 17
Geotechnical & Construction Materials
Engineering, Testing, & Inspection
Environmental Services

Offices throughout the state of Florida

www.nuttingengineers.com info@nuttingengineers.com

March 27, 2018

Revised from: Nov. 14, 2017, Jan. 9, 2018

Alan Gerwig & Associates, Inc.

Attn: Mr. Alan Gerwig

12798 W. Forest Hill Boulevard/ Ste. 201

Wellington, FL 33414

Phone: 561.792.9000/ Cell: 561.602.1629/ Email: agerwig@aga-engineering.com

Palm Beach County SBE

Miami Dade County Tier 2 CBE

SFWMD SBE

*Small Business Administration SBE
for Federal Projects*

Re: Proposal/Agreement for Geotechnical Exploration Services
Wabasso Drive Bridge Replacement
Palm Beach County, FL

Dear Mr. Gerwig:

Nutting Engineers of Florida, Inc. (NE) is pleased to present this proposal/agreement for performing geotechnical engineering services at the referenced project.

Per your email dated November 13, 2017, we understand that plans for this project include replacing the existing bridge with a culvert and headwall at the referenced site. Geotechnical services shall be in accordance with the latest Palm Beach County Thoroughfare Road Design Procedures as well as any other applicable design standards that may apply (AASHTO, FDOT, and ASTM). Based on your request for proposal and our understanding of the project, we propose the following scope of work and fee schedule.

SCOPE OF WORK

Based on your request for proposal, we propose to perform the following:

- Two Standard Penetration Test (SPT) borings in general accordance with ASTM D-1586 specifications to a depth of 40 feet – one on each side of the existing bridge location utilizing a mobile drill rig with a safety hammer (grout sealing the test holes as required). The test borings shall be performed by continuous sampling in the upper ten feet, then sample every five-feet thereafter until completion of the test boring.
- Pavement cores (2), including basecourse measurements – one on each side of existing bridge.
- Collection of composite sample for LBR test.
- Collection of soil and water samples to determine corrosivity based on FDOT criteria for slightly/ moderate/ extremely aggressive environmental categories.

At the completion of the on-site work, the soil samples will be returned to our laboratory. We will provide an engineering report including a description of our findings and general site preparation and foundation design recommendations for support of the proposed construction. Additionally we will provide general recommendations for roadway construction after discussions with Alan Gerwig & Associates, Inc. personnel. In order to provide information concerning the engineering properties of the soils encountered, it is anticipated that tests may be performed to determine natural water content, organic content, and sieve analysis on representative soil samples collected from the site. The engineering report will include graphic logs of the test borings and a test boring location plan. We assume the site is accessible to truck mounted drilling equipment and that underground utilities will be cleared by Call Sunshine prior to our performing the on-site work.

1310 NEPTUNE DRIVE • BOYNTON BEACH, FLORIDA 33426 • 561-736-4900 • FAX 561-737-9975

Treasure Coast 772-408-1050 • Broward 954-941-8700 • Miami Dade 305-824-0060

FEE SCHEDULE

The above-indicated scope of work will be performed for an estimated cost of \$6,522.00 based on the following rates and quantities:

Engineer, P.E. (site visit, photos, test layout)	4 hrs. @ \$125.00/ hr. ✓	✓ \$500.00
Engineering Technician for Utility clearance	3 hrs. @ \$54.00/ hr. ✓	✓ \$162.00
Mobilization of drill crew	1 trip @ \$150.00/ trip ✓	✓ \$150.00
SPT borings* (truck mounted drill rig) (0-50 ft.)	80 l.f. @ \$12.50/ l.f. ✓	✓ \$1,000.00
Casing (0-50 ft.)	80 l.f. @ \$7.00/ l.f. ✓	✓ \$560.00
Grout Bore Holes (0-50 ft.)	80 l.f. @ \$5.00/ l.f. ✓	✓ \$400.00
Natural Sample Moisture Content	2 tests @ \$20.00/ test ✓	✓ \$40.00
Organic Content Test	2 tests @ \$50.00/ test ✓	✓ \$100.00
Grain Size Analysis (Full Grain Size (8 sieves))	2 tests @ \$85.00/ test ✓	✓ \$170.00
Grain Size Analysis (Wash Through (#200))	2 tests @ \$45.00/ test ✓	✓ \$90.00
Limerock Bearing Ratio (LBR) test	1 test @ \$250.00/ test ✓	✓ \$250.00
D.O.T. Corrosivity (water and soil)	2 tests @ \$75.00/ test ✓	✓ \$150.00
Engineer, P.E.	16 hrs. @ \$125.00/ hr. ✓	✓ \$2,000.00
Senior Geotechnical Engineer	4 hrs. @ \$155.00/ hr. ✓	✓ \$620.00
CADD operator	5 hrs. @ \$66.00/ hr. ✓	✓ \$330.00
3.0 multiplier		
Total		✓ \$6,522.00

*If loose or deleterious soil is encountered it may be necessary to extend the soil boring(s).

We currently anticipate starting this work within approximately four to six business days of receiving written authorization to proceed. The on-site work should take approximately two business days to complete. The geotechnical report should be available within approximately 12 to 15 business days after the on-site work is completed.

NE has been offering geotechnical engineering, environmental sciences, materials testing, and structural inspection services for over 50 years in South Florida and the Treasure Coast during which time we have worked on many similar projects. Our commitment to practical, cost effective solutions supported by responsive client services distinguishes our firm and enables us to solve your most demanding technical challenges. Another value added component NE brings to your project is our staff of experienced professionals including geotechnical engineers, environmental specialists, field personnel who are certified and have been trained to provide a wide range of consulting services, and our dedicated administrative staff.

Our laboratory is checked annually by the Construction Materials Engineering Council (CMEC) and is certified to perform geotechnical engineering and materials testing services for the Florida Department of Transportation (FDOT).

Thank you for providing us the opportunity to present this proposal/agreement. We look forward to working with you on this and future projects.

Respectfully submitted,
NUTTING ENGINEERS OF FLORIDA, INC.

Scott Ersland
Division Manager

James J. Flaig, P.E.
Principal/Chief Engineer

Alan Gerwig & Assoc Wabasso Dr Bridge Repl PBC geo 11-14-17 rev 1-9-18 3-27-18

1310 NEPTUNE DRIVE • BOYNTON BEACH, FLORIDA 33426 • 561-736-4900 • FAX 561-737-9975
Treasure Coast 772-408-1050 • Broward 954-941-8700 • Miami Dade 305-824-0060



CERTIFICATION STATEMENTS

Exhibit "B" – Page 1 of 3

Project: Wabasso Drive over LWDD Lat. 2 Canal (934237)
Project No.: 2018802

Consultant/Annual Consultant: Alan Gerwig & Associates, Inc.

TRUTH-IN-NEGOTIATION STATEMENT

By entering into this Contract, the **CONSULTANT/ANNUAL CONSULTANT** certifies that the wage rates and costs used to determine the lump sum fees contained in herein are accurate, complete and current as of the date of this Contract.

The said lump sum fees shall be adjusted to exclude any significant sums should the **COUNTY** determine that the lump sum fees were increased due to inaccurate, incomplete or non-current wage rates or due to inaccurate representations of fees paid to outside consultants.

The **COUNTY** shall exercise its right under this "Certificate" within one year following final payment.

PROHIBITION AGAINST CONTINGENT FEES STATEMENT

By entering into this Contract the **CONSULTANT/ANNUAL CONSULTANT** warrants that they have not employed or retained any company or person other than a bonafide employee working solely for the **CONSULTANT/ANNUAL CONSULTANT** to solicit or secure this Contract and that they have not paid or agreed to pay any person, company, corporation, individual or firm other than a bonafide employee working solely for the **CONSULTANT/ANNUAL CONSULTANT**, any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award of making of this Contract.

PUBLIC ENTITY CRIMES STATEMENT

As provided in F.S. 287.132-133, by entering this Contract or performing any work in furtherance hereof, the **CONSULTANT/ANNUAL CONSULTANT** certifies that it, its affiliates, suppliers, sub-contractors and consultants who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the 36 months immediately preceding the date hereof. This notice is required by F.S. 287.133 (3) (a).



Alan Gerwig, P.E., LEED A.P., President

CONFLICT OF INTEREST DISCLOSURE FORM

Exhibit "B" – Page 2 of 3

Project: Wabasso Drive over LWDD Lat. 2 Canal (934237)
Project No.: 2018802

CONSULTANT/ANNUAL CONSULTANT represents that it presently has no interest, either direct or indirect, which would or could conflict in any manner with the performance of services for the County, except as follows:

SEE ATTACHED

(Attach additional sheets as needed.)

CONSULTANT/ANNUAL CONSULTANT further represents that no person having any interest shall be employed for said performance. By signing below, CONSULTANT/ANNUAL CONSULTANT certifies that the information contained herein is true and correct and constitutes all current potential conflicts of interest which may influence or appear to influence CONSULTANT'S/ANNUAL CONSULTANT'S judgment or quality of services being provided to the County.

CONSULTANT/ANNUAL CONSULTANT shall promptly notify the COUNTY in writing by certified mail of all potential conflicts of interest that may arise in the future through any prospective business association, interest or other circumstance which may influence or appear to influence CONSULTANT'S/ANNUAL CONSULTANT'S judgment or quality of services being provided to the County. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that CONSULTANT/ANNUAL CONSULTANT may undertake and request an opinion of the COUNTY as to whether the association, interest or circumstance would, in the opinion of the COUNTY, constitute an unacceptable conflict of interest if entered into by the CONSULTANT/ANNUAL CONSULTANT.

If, in the sole opinion of the COUNTY, the prospective business association, interest or circumstance of CONSULTANT/ANNUAL CONSULTANT would constitute an unacceptable conflict of interest to the COUNTY, the COUNTY shall so state in the notification and the CONSULTANT/ANNUAL CONSULTANT shall not enter into said association, interest or circumstance.

THIS DISCLOSURE is submitted by Alan Gerwig, P.E., LEED A.P., as
(Name of Individual)
President, of Alan Gerwig & Associates, Inc.
(Title/Position) (Firm Name of CONSULTANT/ANNUAL CONSULTANT)
who hereby certifies that the information stated above is true and correct. Further, it is hereby acknowledged that any misrepresentation by the CONSULTANT/ANNUAL CONSULTANT on this Disclosure is considered an unethical business practice and is grounds for sanctions against future County business with the CONSULTANT/ANNUAL CONSULTANT.

April 12, 2018
(Signature) (Date)

Conflict of Interest Disclosure Form Attachment

1. Anne Gerwig is owner of 1% of the company of Alan Gerwig & Associates, Inc. and is serving as of Mayor of Wellington. The plain language of the code requires abstention when a vote would result in a special financial benefit. The issue of the special financial benefit turns on whether that financial benefit shared with similarly situated members of the general public. While Palm Beach County is a customer or client of Mayor Gerwig's outside business, voting on matters unrelated to her outside business but benefitting the County would not result in a special financial benefit to her public customer or client, as a government entity represents all residents within its political boundaries. In the event any item would come before her that would offer a special financial benefit to her or her business relating to this contract would require her to rescue herself from that item thereby removing any conflict of interest for herself, AGA or Palm Beach County. (For reference see Palm Beach County Commission on Ethics RQO 11-92)
2. Simon Coleman, P.E., serves on the Palm Beach County Environmental Appeals Board and hears appeals to the Palm Beach County Health Department pf permit applications for onsite sewage disposal systems and potable water wells that meet the State standards but do not meet Palm Beach County standards.

PARTICIPATION FOR MWBE/SBE CONSULTANTS
Contract

Project Name:

Wabasso Drive over LWDD Lat. 2 Canal (934237)

Project Number:

2018802

Prime Vendor:

Alan Gerwig & Associates, Inc.

Resolution Number

Telephone:

(561) 792-9000

Resolution Date

3/21/2018

Contact:

Alan Gerwig

Department:

Engineering & Public Works

MINORITY SUBCONTRACTORS

Minority Sub-Consultant	Type of Work Performed	Contract Dollar Amount for Sub-Consultant				
		Black	Hispanic	Women	Other	White Male
Alan Gerwig & Associates, Inc. 12798 W FOREST HILL BLVD, STE 2 WELLINGTON, FL 33414 (561) 792-9000	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	76,879.71
HSQ Group, Inc. 1001 Yamato Road, Suite 105 Boca Raton, FL 33431 (561) 392-0221	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	10,430.47	0.00
Nutting Engineers of Florida, Inc. 1310 NEPTUNE DR BOYNTON BEACH, FL 33426 (561) 736-4900	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	6,522.00
Alan Gerwig & Associates, Inc. 12798 W FOREST HILL BLVD, STE 2 WELLINGTON, FL 33414 (561) 792-9000	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	18,163.74
Alan Gerwig & Associates, Inc. 12798 W FOREST HILL BLVD, STE 2 WELLINGTON, FL 33414 (561) 792-9000	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	6,560.00
Total Contract Authorizaton \$118,555.92	Total MWBE	0.00	0.00	0.00	0.00	
	Percentage	0.00%	0.00%	0.00%	0.00%	
	Total SBE	0.00	0.00	0.00	10,430.47	108,125.45
	Percentage	0.00%	0.00%	0.00%	8.80%	91.20%

SCHEDULE 1

LIST OF PROPOSED SBE-M/WBE PRIME AND/OR SUBCONTRACTOR PARTICIPATION

PROJECT NAME OR BID NAME: Wabasso Drive over LWDD Lat. 2 Canal (934237) **PROJECT NO. OR BID NO.:** 2018802
NAME OF PRIME BIDDER: Alan Gerwig & Associates, Inc. **ADDRESS:** 12798 W. Forest Hill Suite 201 Wellington FL 33414
CONTACT PERSON: Alan Gerwig P.E. **PHONE NO.:** 561-792-9000 **FAX NO.:** 561-792-9901
BID OPENING DATE: _____ **USER DEPARTMENT:** Engineering & Public Works

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE -M/WBE SUBCONTRACTORS ON THIS PROJECT. IF THE PRIME IS AN SBE-M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT.

Name, Address and Phone Number	(Check one or both Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	M/WBE	SBE	Black	Hispanic	Women	Caucasian	Other (Please Specify)
Alan Gerwig & Associates Inc 12798 W. Forest Hill Blvd. Suite 201 1. Wellington FL 33414 PH: 561-792-9000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$101,603.45	_____
HQS Group Inc. 1001 Yamato Rd Suite 105 2. Boca Raton FL 33431 PH: 561-392-0221	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	_____	\$10,430.47
Nutting Engineers of Florida Inc. 1310 Neptune Dr. 3. Boynton Beach FL 33426 PH 51-736-4900	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$6,522.00	_____
4. _____	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
5. _____	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
(Please use additional sheets if necessary)							
Total			_____	_____	_____	\$108,125.45	\$10,430.47
Total Bid Price \$ <u>\$118,555.92</u>			Total SBE-M/WBE Participation Dollar Amount or Percentage of Work <u>%100</u>				

Exhibit "C" – Page 2 of 2

Note:

- 1. The amount listed on this form for a subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal in order to be counted toward goal attainment.
- 2. Firms may be certified by Palm Beach County as an SBE and/or and M/WBE. If firms are certified as both an SBE and N/WBE, please indicate the dollar amount or percentage under the appropriate category.
- 3. M/WBE information is being collected for tracking purposes only.

Revised 03/15/2011

OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR Exhibit "D" – Page 1 of 2

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor is SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: 2018802 PROJECT NAME: Wabasso Drive over LWDD Lat. 2 Canal (934237)

TO: Alan Gerwig & Associates, Inc.
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise ☒ Minority Business Enterprise ☒
Black ☐ Hispanic ☐ Women ☐ Caucasian ☐ Other (Please Specify) ☒

Date of Palm Beach County Certification: 3/13/2018 – 3/12/2021

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No.	Item Description	Qty/Units	Unit Price	Total Price/ Percentage
1	Survey	1		\$10,430.47

at the following price or percentage
8.80%
(Subcontractor's quote)

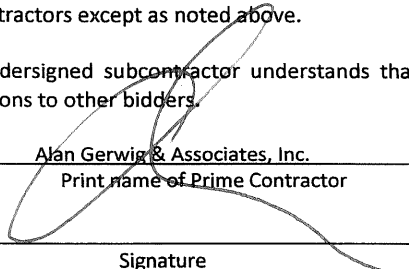
and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

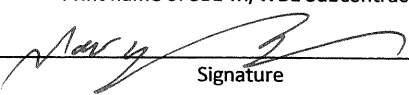
If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

Price and/or Percentage _____
(Name of Subcontractor)

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Alan Gerwig & Associates, Inc.
Print name of Prime Contractor
By: 
Signature
Alan Gerwig P.E. President
Print name/title of person executing on behalf
Prime Contractor

HSQ Group, Inc.
Print name of SBE-M/WBE Subcontractor
By: 
Signature
Nour Shehadeh / Vice President
Print name/title of person executing on behalf
of SBE/M/WBE Subcontractor

OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR Exhibit "D" – Page 2 of 2

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor is SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: 2018802 PROJECT NAME: Wabasso Drive over LWDD Lat. 2 Canal (934237)

TO: Alan Gerwig & Associates, Inc.
(Name of Prime Bidder)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise ☒ Minority Business Enterprise ☐
Black ☐ Hispanic ☐ Women ☐ Caucasian ☒ Other (Please Specify)

Date of Palm Beach County Certification: Sept. 30, 2017 - Sept. 29, 2020

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No. Item Description	Qty/Units	Unit Price	Total Price/ Percentage
6.01 Geological & Geophysical Studies			\$6,522

at the following price or
percentage 5.50%
(Subcontractor's quote)

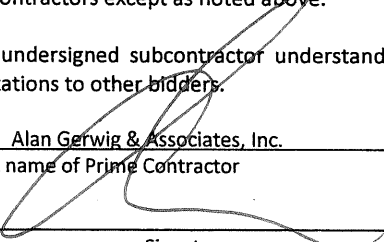
and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.


If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

Price and/or Percentage N/A / N/A
(Name of Subcontractor)

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Alan Gerwig & Associates, Inc.
Print name of Prime Contractor
By: 
Signature
Alan Gerwig, Pres.
Print name/title of person executing on behalf
Prime Contractor

Nutting Engineers of Florida, Inc.
Print name of SBE-M/WBE Subcontractor
By: 
Signature
Richard Wohlfarth, PE, Principal/Director of Engineering
Print name/title of person executing on behalf
of SBE/M/WBE Subcontractor

Revised 10/11/2011 Date: 4/19/18



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/04/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Collinsworth Ins & Risk Mgmt Services In P.O. Box 661628 Miami Springs FL 33266	CONTACT NAME: Brinn E Collinsworth PHONE (A/C, No, Ext): (786) 930-4795 FAX (A/C, No): (786) 930-4794 E-MAIL ADDRESS: erinn@collinsworthinsurance.com
INSURED Alan Gerwig & Associates, Inc. 12798 W. Forest Hill Blvd. Suite 201 Wellington FL 33414	INSURER(S) AFFORDING COVERAGE INSURER A: Hartford Casualty Insurance Comp NAIC # 29424 INSURER B: Underwriters at Lloyd's, Londo AAL122000 INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER: Cert ID 2010 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	21 SBA RM9558	12/09/2017	12/09/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		21 SBA RM9558	12/09/2017	12/09/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		21 SBA RM9558	12/09/2017	12/09/2018	EACH OCCURRENCE \$ 1,000,000 AGGREGATE \$ 1,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
B	Professional Liability		FEI-AEP-10824 Claims-Made Basis	08/25/2017	08/25/2018	Each Claim \$ 1,000,000 Policy Aggregate \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Professional Liability Retroactive Date 8/25/1998; Professional Liability Deductible \$20,000 Each Claim
Project Name: "FOR ALL PROJECTS WITH PALM BEACH COUNTY".
If required by written contract, Palm Beach County Board of County Commissioners, a Political Subdivision of the State of Florida, its Officers, Employees, and Agents, shall be named Additional Insured, excluding professional services, as respects to General Liability.

CERTIFICATE HOLDER Palm Beach County c/o Insurance Tracking Services, Inc. (ITS) P.O. Bo 20270 Long Beach CA 90801	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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CERTIFICATE OF LIABILITY INSURANCE

KDA
R004

DATE (MM/DD/YYYY)
12/19/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.	
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).	
PRODUCER PAYCHEX INSURANCE AGENCY INC/PAC 250881 P: F:(888) 443-6112 PO BOX 33015 SAN ANTONIO TX 78265	CONTACT NAME PHONE (A/C, No Ext): FAX (A/C, No): (888) 443-6112 E-MAIL ADDRESS: INSURER(S) AFFORDING COVERAGE NAIC# INSURER A: Twin City Fire Ins Co 29459 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
INSURED ALAN GERWIG & ASSOCIATES, INC 12798 FOREST HILL BLVD STE 201 WELLINGTON FL 33414	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR INSR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMPIOP AGG \$ \$
	AUTOMOBILE LIABILITY ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/>						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		76 WBG ZS1268	12/09/2017	12/09/2018	X PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 104, Additional Remarks Schedule, may be attached if more space is required)

Those usual to the Insured's Operations.

CERTIFICATE HOLDER Palm Beach County Inc C/O Insurance Tracking Services (ITS) PO BOX 20270 LONG BEACH, CA 90801	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Susan F. Castaneda
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12798 W. Forest Hill Boulevard
Suite 201

Wellington, FL 33414

Phone: (561) 792-9000

Fax: (561) 792-9901

CA No. 7969

Alan Gerwig & Associates, Inc.

Consulting Engineers

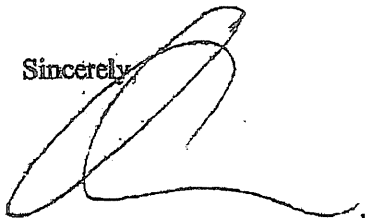
October 5, 2017

Palm Beach County c/o Insurance
Tracking Services, Inc. PO Box
20270
Long Beach, CA 90801

Re: ITS Account Number: PLC 1753 | Insured: Alan Gerwig & Associates
Palm Beach County — Engineering Roadway Production
Contract: Structural Engineering Annual Services

This letter is to serve as declaration that Alan Gerwig & Associates, Inc. does not own any automobiles at the present time. If any vehicles are acquired during the term of the contract, AGA agrees to purchase "all owned" auto coverage as of the date of acquisition.

Sincerely,



Alan Gerwig, P.E.
President

