

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

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

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

Recommended by: for [Signature] Division Director Date 8/6/15 [Signature]

Approved By: [Signature] County Engineer Date 8/25/15

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	<u>\$324,613</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>\$324,613</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE					
POSITIONS (Cumulative)					

Is Item Included in Current Budget?	Yes	<input checked="" type="checkbox"/>	No
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Budget Account No:

Fund 3502 Dept 361 Unit 1475 Object 6505

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Zone-2 Fund

FL Mango over LWDD L-8 Canal, S. of Exuma Rd. to N. of Antigua Rd.

New Task Authorization	
Basic Services	\$179,901.00
Reimbursables	\$ 43,346.92
Optional Services	\$ 8,610.00
Total Task Authorization	<u>\$231,857.92</u>
Staff Charges	
Roadway Engineering	\$ 46,375.00
Right of Way	\$ 11,595.00
Survey	\$ 11,595.00
Traffic	\$ 23,190.00
Fiscal Impact	<u>\$324,612.92</u>

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

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

Sheng Bao

Dr. J. Jacobson
Contract Dev and Control
8/31/15 B. Becker

B. Approved as to Form and Legal Sufficiency:

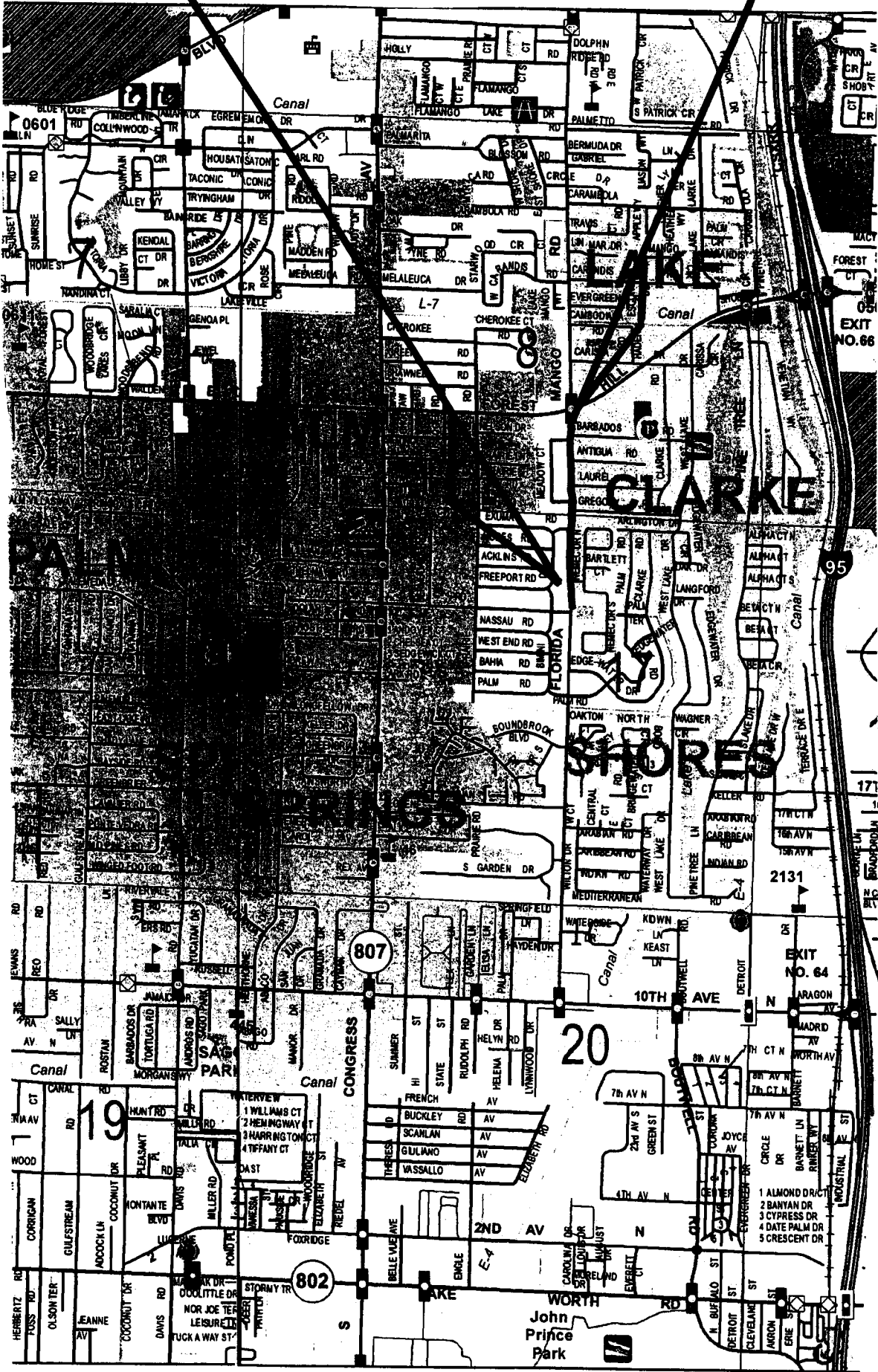
Markell Bell 9/2/15
Assistant County Attorney

C. Other Department Review:

Department Director

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

Florida Mango Road over L.W.D.D. L-8 Canal
From S. of Exuma Road to N. of Antigua Road
Palm Beach County Project No. 2015520



LOCATION MAP

ATTACHMENT 2

WORK TASK ORDER TO ANNUAL CONTRACT BETWEEN

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

FOR PROFESSIONAL ENGINEERING SERVICES ON

**FLORIDA MANGO ROAD OVER L.W.D.D. L-8 CANAL
FROM S. OF EXUMA ROAD TO N. OF ANTIGUA ROAD**

**PROJECT NO.: 2015520
PALM BEACH COUNTY, FLORIDA**

THIS WORK TASK ORDER TO THE ANNUAL CONTRACT, made and entered into this day of _____ 2015, 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 February 4, 2014 (R2014-0119).

WHEREAS, the **COUNTY** desires the **CONSULTANT** to perform structural engineering services for Florida Mango Road over L.W.D.D. L-8 Canal from S. of Exuma Road to N. of Antigua Road, Palm Beach County, Florida (hereinafter called the **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: Florida Mango Road over L.W.D.D. L-8 Canal - S. of Exuma Road to N. of Antigua Road
Project No.: 2015520**

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 \$179,901.00;

Reimbursable Expenses capped at \$43,346.92;

Optional Services capped at \$8,610.00;

Totaling \$231,857.92

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 the Work Task Order known as "SCOPE OF WORK & FEE".
2. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in Exhibit "B" of the Work Task Order.
3. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "C" of the Work Task Order.
4. The **CONSULTANT** has provided a sub-consultant Letter of Intent to perform as an SBE as described in Exhibit "D" of the Work Task Order.
5. The **COUNTY** agrees to pay the **CONSULTANT** a fee of Two Hundred Thirty-One Thousand Eight Hundred Fifty-Seven Dollars and Ninety-Two (\$231,857.92).

Except as hereby amended, changed or modified, all other terms, conditions and obligations of the Contract dated **February 4, 2014 (R2014-0119)**, shall remain in full force and effect.

Re: Florida Mango Road over L.W.D.D. L-8 Canal - S. of Exuma Road to N. of Antigua Road
Project No.: 2015520

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

BOARD OF COUNTY COMMISSIONERS

BY: _____
Shelley Vana, Mayor

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

BY: _____
Deputy Clerk

SEAL

APPROVED AS TO TERMS
AND CONDITIONS:

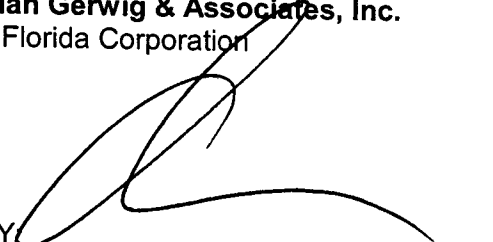
BY: 

APPROVED AS TO FORM & LEGAL
SUFFICIENCY:

COUNTY ATTORNEY


CONSULTANT:

Alan Gerwig & Associates, Inc.
a Florida Corporation

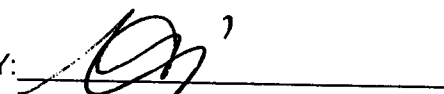
BY: 
Alan Gerwig, P.E., LEED A.P.
President

CORPORATE SEAL

WITNESS:

BY: 

Taylor Braunworth
(Printed Name)

BY: 

Michael Gambacorti
(Printed Name)

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 14

Alan Gerwig & Associates, Inc.
Consulting Engineers



April 30, 2015
(Revised May 13, 2015)
(Revised July 10, 2015)

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

APPROVED

Sandra Milam Ospina 7/13/15

Scope & Fee okay 7/13/15
Katie Pyt-Joe

RE: Florida Mango Road over LWDD L-8 Canal
From South of Exuma Road to North of Antigua Road
Palm Beach County Proj. No. 2015520

Dear Ms. Ospina,

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 widen a section of Florida Mango Road on either side of the Lake Worth Drainage District (LWDD) L-8 Canal. The widening will involve expanding the existing 2-lane road to a three lane road with a central left turn lane. The widening will start at the end of the existing 3-lane section south of Exuma Road and will extend to the beginning of the existing 3-lane section north of Antigua Road. North of the limits of the widening, paved shoulders will be extended to Barbados Road on the east side and Meadow Court on the west side. South of the limits of the widening paved shoulders will be extended on both sides of the road and the sidewalk extended on the east side of the road to Nemec Drive. The overall project limits will be approximately 2,100 LF.

The existing crossing of the L-8 Canal consists of a short single-span bridge, which needs to be replaced. The bridge will be replaced with a similar span bridge so that the canal remains navigable to Lake Clarke to the east.

The widened section of road will include modifications to the existing drainage system to convey the runoff from the right-of-way to the canal. The drainage system will incorporate exfiltration trench to provide the required water quality treatment. The existing drainage outfalls to the canal will be replaced with new headwalls adjacent to the bridge.

Scope of Work

AGA will provide the design services required to prepare construction documents and specifications for the road widening, drainage modifications and replacement of the existing bridge over the L-8 Canal. 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:

General

- Design Survey – see attached details from sub-consultant HSQ Group.
- Geotechnical Investigation – see attached details from sub-consultant Nutting Engineers.
- Establish the details of the existing water utilities from the Village of Palm Springs in advance of the overall utility coordination at the 35% submittal stage.

Roadway Design

- Prepare typical section for the proposed 3-lane section and road alignment over the limits of construction.
- Design of the roadway widening within the required limits of construction, with paved shoulders and sidewalks.
- Design of modifications to the existing drainage system including exfiltration trench for water quality treatment with outfalls into the L-8 Canal.
- Identify and address existing utility conflicts within the right-of-way. Existing utility coordination will be managed by Palm Beach County.

Bridge Design

- Prepare typical section for the bridge with 3 lanes, shoulders, raised sidewalks and concrete traffic railings.
- Design of bridge foundations, substructure and superstructure to AASHTO LRFD Bridge Design Specifications (2014) and current FDOT standards and specifications.
- Coordination with LWDD relating to barrier end treatments and canal design section and bank stabilization.
- Perform Bridge Load Rating based on the requirements of the FDOT Bridge Load Rating Manual (2014).

Permitting

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

- Lake Worth Drainage District (LWDD) Bridge Permit.
- Lake Worth Drainage District Drainage Permit.
- Joint South Florida Water Management District (SFWMD) and Army Corps of Engineers Environmental Resource Permit.
- South Florida Water Management District Dewatering Permit.

The permitting is expected to include the following tasks:

- Pre-application meeting with LWDD.
- Pre-application meeting with SFWMD.
- Preparation of permit submittal packages for the permits detailed above.
- Responding to and addressing comments from permitting agencies – at least two rounds of comments are anticipated for the SFWMD ERP and dewatering permits and the LWDD drainage permit.
- Coordination with PBC as necessary during the permitting process.

Submittals

The following submittals will be made for this project:

- Typical roadway section, typical bridge section and overall roadway alignment.
- Map of plats and deeds, special purpose (topographical) survey and existing canal sections (to obtain LWDD canal design section).
- Geotechnical report (with 35% submittal).

- Plan submittals at 35%, 65%, 96% and 100%. Preliminary calculations will be included with the 65% and 96% submittals. Final design calculations will be furnished with the 100% submittal.
- Preliminary quantities and cost estimates at the 65% and 96% submittals.
- Final quantities and cost estimates will be included with the 100% submittal.

Assumptions

- Palm Beach County will be responsible for utility coordination.
- The replacement bridge will be have a single span consisting of pre-stressed concrete deck slabs and pile end bents. The length of the span will be similar to that of the existing bridge.
- Plan review will be performed by PBC Roadway Local Roads Staff, including the review of the bridge plans and calculations.

Basic Services Fees

Prime Consultant Fee		
Misc. Tasks, etc.	✓	\$13,179.00
Roadway Design	✓	\$97,280.67
Bridge Design	✓	\$52,983.45
Permitting	✓	<u>\$16,457.88</u>
Total	✓	\$179,901.00

Optional Services Fees

Prime Consultant Fee		
Post Design (Hourly)	✓	\$8,610.00

Reimbursable Fees

Surveying Services	✓	\$21,524.92
Geotechnical Engineering Services	✓	\$13,822.00
Allowance for Permit Fess	✓	<u>\$ 8,000.00</u>
Total:	✓	<u>\$43,346.92</u>

Deliverables


\$ 231,857.92

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 with the exception of the 35% submittal, which will not include calculations. The geotechnical report will be

submitted 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 'Alan Gerwig', written in a cursive style.

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

FINANCIAL MANAGEMENT PLAN

Project Florida Mango & LWDD L-8 Canal
Project No. _____
PM _____

REV. Date 30-Apr-15

Task Outline		TOTALS	Total Hours	Estimated Labor										
				Chief Eng	Snr. Eng	Snr. Proj Eng	Proj. Man	Proj Eng	Engineer	Engineer Int	Eng Tech	Designer		
Miscellaneous Tasks and Drawings														
Overall Project Layout	✓ \$5,322.72	✓	40		16	16						8		
Field Reviews	✓ \$3,472.92	✓	24		12	12								
Project Coord., Technical Mtgs. QC	✓ \$4,383.36	✓	32		12	16						4		
Misc Task Subtotal	✓ \$13,179.00													
ROADWAY DESIGN														
35% Plan Submittal														
General Layout Design and Plans														
Develop Typical Road Section	\$3,324.60	✓	28		4	12						12		
Establish Existing Water Utilities	\$564.36	✓	4			4								
Survey Coordination	\$1,256.52	✓	12			4						8		
Geotech Coordination	\$564.36	✓	4			4								
Cover Sheet	\$455.22	✓	4			2						2		
Key Sheet	\$455.22	✓	4			2						2		
General Notes	\$737.40	✓	6			4						2		
Existing & Proposed Roadway Plan & Profile	\$7,876.80	✓	68		4	32						32		
Existing Sections	\$2,859.12	✓	28			8						20		
Existing Driveway Profiles	\$5,026.08	✓	48			16						32		
Incorporate Soil Boring Logs	\$314.13	✓	3			1						2		
Establish LWDD Canal Design Section	\$1,365.66	✓	12			6						6		
Subtotal 35% Plans	✓ \$24,799.47													
65% Plan Submittal														
Address Comments on 35% Submittal	\$3,374.04	✓	30		2	12						16		
Drairage Design & Computations	\$9,401.04	✓	72		16	40						16		
Proposed Drairage in Plan & Profile	\$8,470.08	✓	72		8	32						32		
Add Existing Utilities to Plans	\$2,186.96	✓	20			8						12		
Identify Utility Conflicts	\$2,385.24	✓	20			12						8		
Proposed Driveway Profiles	\$7,283.52	✓	64			32						32		
Proposed Geometrics	\$2,166.96	✓	20			8						12		
Proposed Cross Sections	\$6,154.80	✓	56			24						32		
Canal Sections & Canal Stabilization	\$1,820.88	✓	16			8						8		
Establish limits of Construction	\$455.22	✓	4			2						2		
Preliminary Quantities	\$2,212.20	✓	18			12						6		
Preliminary Cost Estimate	\$1,128.72	✓	8			8								
Utility Coordination	\$2,068.08	✓	16		4	8						4		
Subtotal 65% Plans	✓ \$49,087.74													
96% Plan Submittal														
Address Comments on 65% Submittal	\$4,333.92	✓	40			16						24		
Final Drainage Design & Computations	\$4,136.16	✓	32		8	16						8		
Final Drainage in Plan & Profile	\$3,987.84	✓	36			16						20		
Address/Resolve Utility Conflicts	\$2,385.24	✓	20			12						8		
Final Utility Coordination	\$1,157.64	✓	8		4	4								
Revised Quantities & Cost Estimate	\$1,474.80	✓	12			8						4		
Subtotal 96% Plans	✓ \$17,475.60													
100% Plan Submittal														
Address Comments on 96% Submittal	\$2,731.32	✓	24			12						12		
Final Quantities & Cost Estimate	\$1,365.66	✓	12			6						6		
Prepare Final Documents	\$1,820.88	✓	16			8						8		
Subtotal 100% Plans	✓ \$5,917.86													
Roadway Total	✓ \$97,280.67													

Task Outline		TOTALS	Total Hours	Estimated Labor										
				Chief Eng	Snr. Eng	Snr. Proj Eng	Proj. Man	Proj Eng	Engineer	Engineer Int	Eng Tech	Designer		
BRIDGE														
35% Plan Submittal														
General Layout Design and Plans														
Cover Sheet		\$455.22	✓ 4			2						2		
Key Sheet		\$628.26	✓ 6			2						4		
Bridge Geometry incl. Typical Section		\$1,771.44	✓ 14		2	8						4		
General Notes		\$1,019.58	✓ 8			6						2		
General Plan & Elevation		\$2,760.24	✓ 24		4	8						12		
Incorporate Soil Boring Log		\$227.61	✓ 2			1						1		
End Bent Geometry		\$1,820.88	✓ 16			8						8		
End Bent Plan & Elevation		\$974.34	✓ 10			2						8		
Foundation Layout		\$910.44	✓ 8			4						4		
Superstructure Plan		\$1,538.70	✓ 14			6						8		
Superstructure Section		\$910.44	✓ 8			4						4		
Subtotal 35% Plans ✓ \$13,017.15														
65% Plan Submittal														
Address Comments		\$1,662.30	✓ 14		2	6						6		
General Notes		\$368.70	✓ 3			2						1		
Standard Index Sheets		\$628.26	✓ 6			2						4		
General Plan & Elevation		\$1,474.80	✓ 12			8						4		
Approach Slab Plan and Details		\$2,212.20	✓ 18			12						6		
End Bent Analysis & Design		\$3,761.16	✓ 28		4	20						4		
End Bent Plan, Elevation and Details		\$3,641.76	✓ 32			16						16		
Finished Grades		\$910.44	✓ 8			4						4		
Super Structure Plan		\$1,820.88	✓ 16			8						8		
Super Structure Section and Details		\$2,840.46	✓ 24			14						10		
Prestressed Slab Unit Design		\$3,588.12	✓ 26		4	20						2		
Prestressed Deck Slab Plans and Details		\$2,731.32	✓ 24			12						12		
Subtotal 65% Plans ✓ \$25,640.40														
96% Plan Submittal														
Address Comments		\$1,489.26	✓ 12		2	6						4		
General Notes including Est. of Quan. Table		\$1,083.48	✓ 10			4						6		
General Plan & Elevation		\$910.44	✓ 8			4						4		
Miscellaneous Common Details		\$910.44	✓ 8			4						4		
End Bent Plan, Elevation and Details		\$910.44	✓ 8			4						4		
Finished Grades		\$455.22	✓ 4			2						2		
Super Structure Plan		\$910.44	✓ 8			4						4		
Super Structure Section and Details		\$628.26	✓ 6			2						4		
Prestressed Deck Slab Plans and Details		\$910.44	✓ 8			4						4		
Bill of Reinforcing		\$2,039.16	✓ 16			12						4		
Load Rating		\$1,693.08	✓ 12			12								
Subtotal 96% Plans ✓ \$11,940.66														
100% Plan Submittal														
Address 96% comments and finalize plans		\$2,385.24	✓ 20			12						8		
Subtotal 100% Plans ✓ \$2,385.24														
Bridge Total ✓ \$52,983.45														
PERMITTING														
Pre-Application Meeting with LWDD		\$1,157.64	✓ 8		4	4								
Pre-Application Meeting with SFWMD		\$1,157.64	✓ 8		4	4								
Lake Worth Drainage District Bridge Permit		\$2,039.16	✓ 16			12						4		
Lake Worth Drainage District Drainage Permit		\$3,542.88	✓ 28		4	16						8		
SFWMD ERP		\$5,017.68	✓ 40		4	24						12		
SFWMD Dewatering Permit		\$3,542.88	✓ 28		4	16						8		
Permitting Total ✓ \$16,457.88														

Survey Sept 0
+ Fee done
by GM 5/5/15
e-mail

Florida Mango Rd at LWDD L-8 Canal

SURVEY SCOPE OF SERVICES

PROJECT LIMITS

From 50' north of Barbados Road to 50' south of Nemec Drive. Total estimated length is approximately 2,900 LF including 700' of side streets.

SCOPE OF SERVICES

Survey work will be performed in accordance with the current Palm Beach County Thoroughfare Design Procedures (Feb. 2006).

1. Review title search supplied by Palm Beach County prior to commencement of field topo to establish right-of-way width, and compile all plats and deeds into a map that will be submitted to the county for review. Some locations where the project is located are not platted and title search requires more time than usual
2. Collect benchmarks and global positioning control data.
3. Set control points tied to State plane at 600-foot intervals. "NAD 83, 1990 adjustment".
4. Run a closed level loop and set Benchmarks at 600-foot intervals outside the limits of constructions. Survey to be prepared based on the NAVD 1988 datum.
5. Locate subdivision corners, section corners and any other existing control monuments that will assist in the establishment of the location of the right-of-way lines for this project.
6. Locate above ground features with elevations. There are approximately 71 trees and 24 FPL poles
7. Cross-section the project at 100' intervals extending 25 feet outside the right of way (if no walls do exist).
- 8- Obtain 8 cross sections at L-8 canal as follows: at face of existing structure, 50', 100' and 150' both sides. The canal is wet and will require a canoe to obtain cross sections.
8. Locate the existing bridge over L-8 canal, i.e begin/ end bridge and any guardrails.
9. Acquire the finished floor elevation for 40 houses within 25' beyond the right of way on both sides. This is excessive amount of FF Elevations
- 10 Detail drainage structures within the right of way.
11. Acquire topo and elevations at driveways up to 50' from the edge of the road pavement. There are 49 driveways.
12. Acquire topo and elevations at side streets up to 100' from the edge of the road pavement. There are 7 side streets.
13. Locate all trees with size and type within right of way.
14. Staking the right of way at 100' interval.
15. References for the baseline control will be prepared and incorporated in the construction plans

Survey Deliverables

- 1- Two signed and sealed 11" X 17" or 24" x 36" copies of the Specific Purpose Survey (topographic survey). Maps of plats and deeds (showing existing right of way documents) will be incorporated into the specific purpose survey.
- 2- Provide Reference points sheet (PNC sheets are not part of the services)
- 3- One copy of the topographic file, drainage file, utility file, right of way file, and point file in a Microstation digital CADD format or ACADD format
- 3- One copy of the ASCII file of all elevations in terms of x,y,z, description.
- 4- Four signed and sealed copies of the cross sections for the LWDD canal at 1"= 10' both horizontal and vertical.

Florida Mango Road at L-8 Canal

Basic Survey Services



HSQ GROUP, INC.

Engineers • Planners • Surveyors

Item No.	Work Task	Estimated Work Hours			Notes
		Two-Man Field Crew	Professional Land Surveyor	Survey/CADD Technician	
1	Review title search / creat map		8		
2	Collect BM and global positioning control data	6	3		
3	Set control points ties to state plane at 600 intervals	6	1		
4	Run closed level loop /set BM at 600' intervals	4	1		based on NAVD 1988 Datum
5	Locate subdivision corners, existing corners	8	2	4	
6	Locate above ground utilities	4		4	24 FPL Poles
7	Cross sections FI Rd @100' intervals	12	1	2	22 sections
8	L-8 Canal sections	6	2	16	8 sections, <u>WET CANAL</u> draw section as per LWDD std (2 sheets)
9	survey of existing culvert	2	1	1	
10	Acquire FF Elevation of adjacent buildings	10	1	2	40 houses
11	Detailed existing drainage within ROW	4	1	2	8 structures
12	Obtain side streets topo up to 100'	8	1	6	7 side streets (700 LF, all T-Intersections)
13	Obtain topo of driveways up to a high or low point	8	1	8	49 DRIVEWAYS including side streets
14	Locate trees with size and type within the ROW	3	0	1	71 trees, including side street
15	Prepare Microstation files for design i.e , Topo file, utility file, point file and ASCII file		4	16	
16	Creat DTM		4	8	
17	staking of right of way	8			
TOTAL HOURS		89	31	70	

Total = 190

Exhibit "A" - Page 10 of 14



Florida Mango Road at L-8 Canal
Summary Surveying fee proposal

Description	Two-Man Crew		Surveyor		Cadd Technician		Others		Total	Total
	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HOURS	HR. RATE	STAFF HRS. ACTIVITY	COST BY ACTIVITY
Basic Survey Services	✓ 89.00	\$ ✓ 48.00	✓ 31.00	\$ ✓ 43.00	✓ 70.00	\$ ✓ 27.00	0.00	\$ -	✓ 190.00	\$ ✓ 7,495.00
Optional Survey Services	0.00	\$ 48.00	0.00	\$ 43.00	0.00	\$ 27.00	0.00	\$ -	0.00	\$ -
	\$ 4,272.00		\$ 1,333.00		\$ 1,890.00					

HSQ FEE CALCULATIONS

Type of services	Cost by activity	Overhead multiplier	Overhead cost	Subtotal (cost by activity + overhead cost)	Profit (%)	Total
Basic services	\$ 7,495.00	✓ 156.42%	\$ ✓ 11,723.68	\$ ✓ 19,218.68 (+2,306.24)	✓ 12.00%	\$ ✓ 21,524.92
Optional Services	\$ -	156.42%	\$ -	\$ -	12.00%	\$ -
Sketch and legal descriptions						\$ -
Reimbursables (basic services)						\$ -
TOTAL						\$ ✓ 21,524.92

2,871.9



Exhibit "A" – Page 12 of 14

Geotechnical & Construction Materials
Engineering, Testing, & Inspection
Environmental Services

Offices throughout the state of Florida

www.nuttingengineers.com info@nuttingengineers.com

July 7, 2015

Alan Gerwig & Associates, Inc.
Attn: Mr. Simon Coleman, P.E.
12798 W. Forest Hill Boulevard/ Ste. 201
Wellington, FL 33414
Phone: 561.792.9000/ Email: scoleman@aga-engineering.com

*Miami Dade County Tier 2 CBE
Palm Beach County SBE
SFWMD SBE
Small Business Administration SBE
for Federal Projects*

Re: Proposal/Agreement for Geotechnical Exploration Services
Florida Mango Road and L-8 Canal
Palm Beach County, FL

Dear Mr. Coleman:

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

Per our conversation on July 7, 2015 and review of the Geotechnical Scope, we understand that plans for this project include "connecting to the existing three-lane section north of Antigua Drive and taking paved shoulders up to Barbados Road on the east side and Meadow Court on the west side. At the south end it is connecting to the existing 3-lane section north of Nemec Drive and taking paved shoulders to the north return at Nemec Drive." The length of the project is estimated to be approximately 2,000 l.f. The existing culvert bridge will be replaced with a standard bridge supported on either 14" or 18" piles. 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

We propose to perform the following as per Geotechnical Scope - Items #1 - #7:

1. Two Standard Penetration Test (SPT) borings to a depth of 75 feet in general accordance with ASTM D-1586 specifications at the new bridge location.
2. 20 auger borings to a depth of six feet each in general accordance with ASTM D-1586 specifications along Florida Mango Road within the limits of the proposed widening,
3. Collect four asphalt cores through the existing pavement section extending through the asphalt, basecourse, and stabilized subgrade, if any.
4. Four South Florida Water Management District (SFWMD) usual type open-hole exfiltration tests to a depth of six feet each in an effort to measure the hydraulic conductivity of the existing soils at specific test locations for site drainage evaluation by others.

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 (5,6 & 7) for support of the proposed construction. 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 field. 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 others prior to our performing the on-site work.

FEE SCHEDULE

The above-indicated scope of work will be performed for an estimated cost of \$13,822.00 based on the following quantities and rates as per the Palm Beach County Schedule of Fees and Services Resolution No. R2014-1128:

I. SOIL TESTING:

8. DOT Corrosivity (soil & canal water)	2 ea. @ \$75.00/test	✓ \$150.00
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III. AGGREGATE TESTING:

1. Grain size determination:		
A. Full grain size (8 sieve)	4 ea. @ \$85.00/test	✓ \$340.00
B. Wash through #200	4 ea. @ \$45.00/test	✓ \$180.00

IV. ASPHALT TESTING:

1. Asphalt Cores	4 ea. @ \$60.00/core	✓ \$240.00
5. Coring machine plus generator rental	1 ea. @ \$100.00/trip	✓ \$100.00

VI. FIELD EXPLORATIONS:

1. Auger borings	120 l.f. @ \$10.00/l.f.	✓ \$1,200.00
3. Standard Penetration Tests - Truck Rig (0'-50')	100 l.f. @ \$12.50/l.f.	✓ \$1,250.00
Standard Penetration Tests - Truck Rig (51'-100')	50 l.f. @ \$15.00/l.f.	✓ \$750.00
4. Grout bore holes (0' - 50')	100 l.f. @ \$5.00/l.f.	✓ \$500.00
Grout bore holes (51' - 100')	50.00 l.f. @ \$5.00/l.f.	✓ \$250.00
5. Casing (0' - 50')	100 l.f. @ \$7.00/l.f.	✓ \$700.00
Casing (51' - 100')	50.00 l.f. @ \$6.00/l.f.	✓ \$300.00
8. Mobilization of drilling equip. to project (min. charge):		
1. 50 mile travel	4 trips @ \$150.00/trip	✓ \$600.00

VII. MISCELLANEOUS SERVICES:

2. Percolation test	4 ea. @ \$350.00/ test	✓ \$1,400.00
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VII. ENGINEERING AND PROFESSIONAL SERVICES:

Senior Geotechnical Engineer	12 hrs. @ \$155.00/hour	✓ \$1,860.00
Engineer, P.E.	12 hrs. @ \$125.00/hour	✓ \$1,500.00
Engineering Technician (utility clearance)	10 hrs. @ \$54.00/hour	✓ \$540.00
Drafter/ CADD	7 hrs. @ \$66.00/hour	✓ \$462.00

REIMBURSABLES NOT ADDRESSED IN CONTRACT:

Maintenance of Traffic	Lump Sum	\$1,500.00
Off-duty police officer, if requested	\$415.00/day	

*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 business days of receiving written authorization to proceed. The on-site work should take approximately three business days to complete. The geotechnical report should be available within approximately 10 - 12 business days after the on-site work is completed.

NE has been offering geotechnical engineering, environmental sciences, materials testing, and structural inspection services for 45+ 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 approximately 45 experienced professionals including engineering geologists, 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). Note that we carry one million dollar professional liability and one million dollar general liability insurance.

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

CERTIFICATION STATEMENTS

Project: Florida Mango Road over L.W.D.D. L-8 Canal
Project No.: S. of Exuma Road to N. of Antigua Road
2015520

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

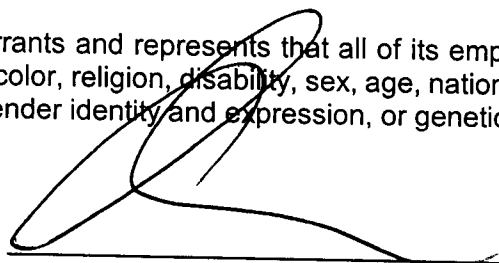
By entering into this Contract the **CONSULTANT/ANNUAL CONSULTANT** warrants that they have not employed or retained any company or person other than a bonafide employee working solely for the **CONSULTANT/ANNUAL CONSULTANT** to solicit or secure this Contract and that they have not paid or agreed to 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).

NON-DISCRIMINATION STATEMENT

The **CONSULTANT/ANNUAL 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.


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

CONFLICT OF INTEREST DISCLOSURE FORM

Project: Florida Mango Road over L.W.D.D. L-8 Canal
from S. of Exuma Road to N. of Antigua Road
Project No.: 2015520

Exhibit "B" – Page 2 of 4

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:

None

(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

(Title/Position)

of Alan Gerwig & Associates, Inc.
(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.

(Signature)

8/4/15
(Date)

DISCLOSURE OF OWNERSHIP INTERESTS

TO: **PALM BEACH COUNTY CHIEF OFFICER,
OR HIS OR HER OFFICIALLY DESIGNATED REPRESENTATIVE**

**STATE OF FLORIDA
COUNTY OF PALM BEACH**

BEFORE ME, the undersigned authority, this day personally appeared ALAN GERWIG, hereinafter referred to as "Affiant," who being by me first duly sworn, under oath, deposes and states as follows:

1. Affiant appears herein as:
☐ an individual **or**
☒ the president of Alan Gerwig & Associates, Inc.
[position—e.g., sole proprietor, president, partner, etc.] [name & type of entity—e.g., ABC Corp., XYZ Ltd. Partnership, etc.].
The Affiant or the entity the Affiant represents herein seeks to do business with Palm Beach County through its Board of County Commissioners.

2. Affiant's address is: 12798 w Forest Hill Blvd, Suite 201, Wellington FL 33414.

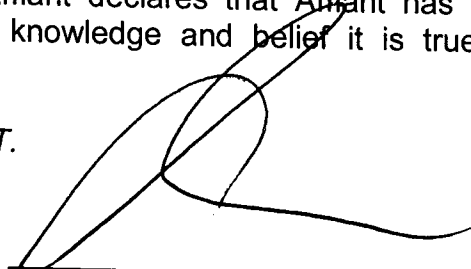
3. Attached hereto as Exhibit "A" is a complete listing of the names and addresses of every person or entity having a five percent (5%) or greater interest in the Affiant's corporation, partnership, or other principal. Disclosure does not apply to nonprofit corporations, government agencies, or to an individual's or entity's interest in any entity registered with the Federal Securities Exchange Commission or registered pursuant to Chapter 517, Florida Statutes, whose interest is for sale to the general public.

4. Affiant acknowledges that this Affidavit is given to comply with Palm Beach County policy, and will be relied upon by Palm Beach County and the Board of County Commissioners. Affiant further acknowledges that he or she is authorized to execute this document on behalf of the entity identified in paragraph one, if any.

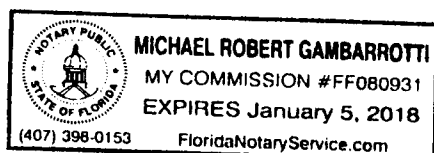
5. Affiant further states that Affiant is familiar with the nature of an oath and with the penalties provided by the laws of the State of Florida for falsely swearing to statements under oath.

6. Under penalty of perjury, Affiant declares that Affiant has examined this Affidavit and to the best of Affiant's knowledge and belief it is true, correct and complete.

FURTHER AFFIANT SAYETH NAUGHT.


ALAN GERWIG, Affiant
(Print Affiant Name)

The foregoing instrument was acknowledged before me this 4 day of AUGUST, 2015, by ALAN GERWIG, ☒ who is personally known to me or ☐ who has produced _____ as identification and who did take an oath.



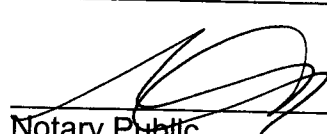

Notary Public
MICHAEL GAMBARROTTI
(Print Notary Name)
State of Florida at Large
My Commission Expires: JANUARY 5, 2018

EXHIBIT "A"

DISCLOSURE OF OWNERSHIP INTERESTS IN AFFIANT

Affiant must identify all entities and individuals owning five percent (5%) or more ownership interest in Affiant's corporation, partnership or other principal, if any. Affiant must identify individual owners. For example, if Affiant's principal is wholly or partially owned by another entity, such as a corporation, Affiant must identify the other entity, its address, and the individual owners of the other entity. Disclosure does not apply to any nonprofit corporation, government agency, or to an individual's or entity's interest in any entity registered with the Federal Securities Exchange Commission or registered pursuant to Chapter 517, Florida Statutes, whose interest is for sale to the general public.

Name

Address

Alan Gerwig

14505 Paddock Drive Wellington FL 33414

PARTICIPATION FOR MWBE/SBE CONSULTANTS
Contract

Project Name: Florida Mango Road over L.W.D.D. L-8 Canal from S. of Exuma Roa **Project Number:** 2015520
Prime Vendor: Alan Gerwig & Associates, Inc. **Resolution Number**
Telephone: (561) 792-9000 **Resolution Date** 5/27/2015
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	179,901.00
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	8,610.00
HSQ Group, Inc. 1489 W PALMETTO PARK RD STE 3 BOCA RATON, FL 33486 (561) 392-0221	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	21,524.92	0.00
Nutting Engineers of Florida, Inc. 1310 NEPTUNE DR BOYNTON BEACH, FL 33460 (561) 736-4900	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	13,822.00
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	8,000.00
Total Contract Authorizatoin \$231,857.92	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	21,524.92	210,333.00
	Percentage	0.00%	0.00%	0.00%	9.28%	90.72%

SCHEDULE 1

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

PROJECT NAME OR BID NAME: Florida Mango Road over LWDD L-8 Canal – S. of Exuma Rd. to N. of Antigua Rd. PROJECT NO. OR BID NO.: 2015520
NAME OF PRIME BIDDER: Alan Gerwig & Associates, Inc. ADDRESS: 12798 W. Forest Hill Blvd Suite 201, Wellington FL 33414
CONTACT PERSON: Alan Gerwig 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 & Assoc. Inc 12798 W Forest Hill Blvd Suite 201 Wellington , FL 33414 Ph. (561)792-9000 1.	<input type="checkbox"/>	<input checked="" type="checkbox"/>				84.76%	
HSQ Group, Inc 1489 W. Palmetto Rd. Suite 340 Boca Raton, FL 33486 Ph. (561)392-0221 2.	<input type="checkbox"/>	<input checked="" type="checkbox"/>					9.28%
Nutting Engineers of Florida, Inc. 1310 Neptune Dr. Boynton Beach FL 33426 Ph. (561)736-4900 3.	<input type="checkbox"/>	<input checked="" type="checkbox"/>				5.96%	
4.	<input type="checkbox"/>	<input type="checkbox"/>					
5.	<input type="checkbox"/>	<input type="checkbox"/>					
Total						90.72%	9.28%

(Please use additional sheets if necessary)

Total Bid Price \$ 231,857.92 Total SBE-M/WBE Participation Dollar Amount or Percentage of Work 100%

- 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.

OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE SUBCONTRACTOR

Exhibit "D" – Page 1 of 3

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: 2015520 PROJECT NAME: Florida Mango Rd. over L.W.D.D. L-8 Canal – S. of Exuma Rd. to N. of Antigua Rd.

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 X Minority Business Enterprise _____

Black _____ Hispanic _____ Women _____ Caucasian _____ Other (Please Specify) X

Date of Palm Beach County Certification: March, 2015

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
<u>1 SURVEY</u>	<u>1</u>	<u>\$21,524.92</u>	<u>\$21,524.92</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

at the following price or percentage
9.28%
(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, 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, PE/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 3

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: 2015520 PROJECT NAME: Florida Mango Rd. over L.W.D.D. L-8 Canal – S. of Exuma Rd. to N. of Antigua Rd.

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: September 30, 2014 to September 29, 2017

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
<u>DOT Corrosive Test</u>	<u>2 Tests</u>	<u>\$75.00/Test</u>	<u>\$150.00</u>
<u>Full grain size (8 sieve)</u>	<u>4 Tests</u>	<u>\$85.00/test</u>	<u>\$340.00</u>
<u>Wash through #200</u>	<u>4 Tests</u>	<u>\$45.00/test</u>	<u>\$180.00</u>
<u>Asphalt Cores</u>	<u>4 Cores</u>	<u>\$60.00/core</u>	<u>\$240.00</u>
<u>Coring machine plus generator rental</u>	<u>1 Trip</u>	<u>\$100.00/trip</u>	<u>\$100.00</u>
<u>Auger borings</u>	<u>120 L.F.</u>	<u>\$10.00/ L.F.</u>	<u>\$1,200.00</u>
<u>Standard Penetration Tests (0'-50')</u>	<u>100 L.F.</u>	<u>\$12.50/ L.F.</u>	<u>\$1,250.00</u>
<u>Standard Penetration Tests (51'-100')</u>	<u>50 L.F.</u>	<u>\$15.00/L.F.</u>	<u>\$750.00</u>
<u>Grout bore holes (0'-50')</u>	<u>100 L.F.</u>	<u>\$5.00/L.F.</u>	<u>\$500.00</u>
<u>Grout bore holes (51'-100')</u>	<u>50 L.F.</u>	<u>\$5.00/L.F.</u>	<u>\$250.00</u>
<u>Casing (0'-50')</u>	<u>100 L.F.</u>	<u>\$7.00/L.F.</u>	<u>\$700.00</u>
<u>Casing (51'-100')</u>	<u>50 L.F.</u>	<u>\$6.00/L.F.</u>	<u>\$300.00</u>
<u>Mobilization of Drilling equipment</u>	<u>4 Trips</u>	<u>\$150.00/Trip</u>	<u>\$600.00</u>
<u>Percolation test</u>	<u>4 Tests</u>	<u>\$350.00/Test</u>	<u>\$1,400.00</u>
<u>Senior Geotechnical Engineer</u>	<u>12 Hours</u>	<u>\$155.00/Hour</u>	<u>\$1,860.00</u>
<u>Engineer, PE</u>	<u>12 Hours</u>	<u>\$125.00/Hour</u>	<u>\$1,500.00</u>
<u>Engineering technician (Utility Clearance)</u>	<u>10 Hours</u>	<u>\$54.00/Hour</u>	<u>\$540.00</u>
<u>Drafter/CADD</u>	<u>7 Hours</u>	<u>\$66.00/Hour</u>	<u>\$462.00</u>
<u>Maintenance of Traffic</u>	<u>Lump Sum</u>	<u>\$1,500.00/LS</u>	<u>\$1,500.00</u>

at the following price or percentage

5.96% (\$13,822.00)
(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 \$13,822.00~~

~~Notting Engineers of Florida, Inc.~~

(Name of Subcontractor)

Exhibit "D" – Page 3 of 3

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, President

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 C. Wohlfarth

Richard C. Wohlfarth, PE, Principal/VP/Director of Engineering
Print name/title of person executing on behalf
of SBE/M/WBE Subcontractor

Revised 10/11/2011

Date: August 3, 2015



CERTIFICATE OF LIABILITY INSURANCE

ALANGER-01 ZGONZALEZ

DATE (MM/DD/YYYY)
8/14/2015

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 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, Alter, Fowler & French, LLC 8000 Governors Square Blvd Suite 301 Miami Lakes, FL 33016	CONTACT NAME: Zoraida Gonzalez	
	PHONE (A/C, No, Ext): (305) 822-7800	FAX (A/C, No): (305) 362-2443
INSURED Alan Gerwig & Assoc. Inc. 12798 W. Forest Hill Blvd. Ste. 204 Wellington, FL 33414	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Hartford Casualty	
	INSURER B : Lloyds of London Syndicate #4020	
	INSURER C :	
	INSURER D :	
INSURER E :		
INSURER F :		
NAIC #		
29424		
20075		

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 INSD	SUBR 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	X		21SBARM9558	12/09/2014	12/09/2015	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
							\$
	GEN'L AGGREGATE LIMIT APPLIES PER:						
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						
	OTHER:						
A	AUTOMOBILE LIABILITY			21SBARM9558	12/09/2014	12/09/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS		<input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS				PROPERTY DAMAGE (Per accident) \$
							\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB		<input checked="" type="checkbox"/> OCCUR	21SBARM9558	12/09/2014	12/09/2015	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> EXCESS LIAB		<input type="checkbox"/> CLAIMS-MADE				AGGREGATE \$ 1,000,000
	DED <input checked="" type="checkbox"/> RETENTION \$ 10,000						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)		Y/N				E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
B	Professional Liab.			FEIENG10331	08/25/2015	08/25/2016	Each Claim 1,000,000
B	Claims-Made Basis			FEIENG10331	08/25/2015	08/25/2016	Annual 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 08/25/1998; Professional Liability Deductible \$20,000 Each Claim

RE: Project Name - "FOR ALL PROJECTS WITH PALM BEACH COUNTY").

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 as to General Liability.

CERTIFICATE HOLDER

CANCELLATION

Palm Beach County Board of County Commissioners c/o Engineering & Public Works Operations 2300 N. Jog Road West Palm Beach, FL 33411	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

SRB
R001DATE (MM/DD/YYYY)
12/5/2014

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.

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PRODUCER		CONTACT NAME:	
COMPUPAY INSURANCE SERVICES INC		PHONE (A/C, No, Ext): (877) 287-1316	
250725 P: (877) 287-1316 F: (877) 287-1315		FAX (A/C, No): (877) 287-1315	
PO BOX 33015		E-MAIL ADDRESS:	
SAN ANTONIO TX 78265		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 WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY						
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						EACH OCCURRENCE \$
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
							PRODUCTS - COM/OP AGG \$
							\$
	GEN'L AGGREGATE LIMIT APPLIES PER:						
	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						
	OTHER:						
	AUTOMOBILE LIABILITY						
	<input type="checkbox"/> ANY AUTO						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per person) \$
	<input type="checkbox"/> HIRED AUTOS						BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	EXCESS LIAB						AGGREGATE \$
							\$
	DED RETENTION \$						
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N <input type="checkbox"/>						X PER STATUTE <input type="checkbox"/> OTH-ER
A	If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		76 WBG ZX7495	12/09/2014	12/09/2015	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 101, Additional Remarks Schedule, may be attached if more space is required)

Those usual to the Insured's Operations.

Re: Project Name - "For All Projects With Palm Beach County".

CERTIFICATE HOLDER

Palm Beach County Board of County Commissioners, C/O Engineering & Public Works Operations
2300 N JOG RD
WEST PALM BEACH, FL 33411

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

For Mailbox

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

Alan Gerwig & Associates, Inc.
Consulting Engineers



January 28, 2015

JaeAnn Dean, Technical Assistant I
Roadway Production Division / CCNA Section
2300 N. Jog Road, Suite 3W-33
West Palm Beach, FL 33411-2745

RE: AGA Statement of No Corporately Owned Automobiles

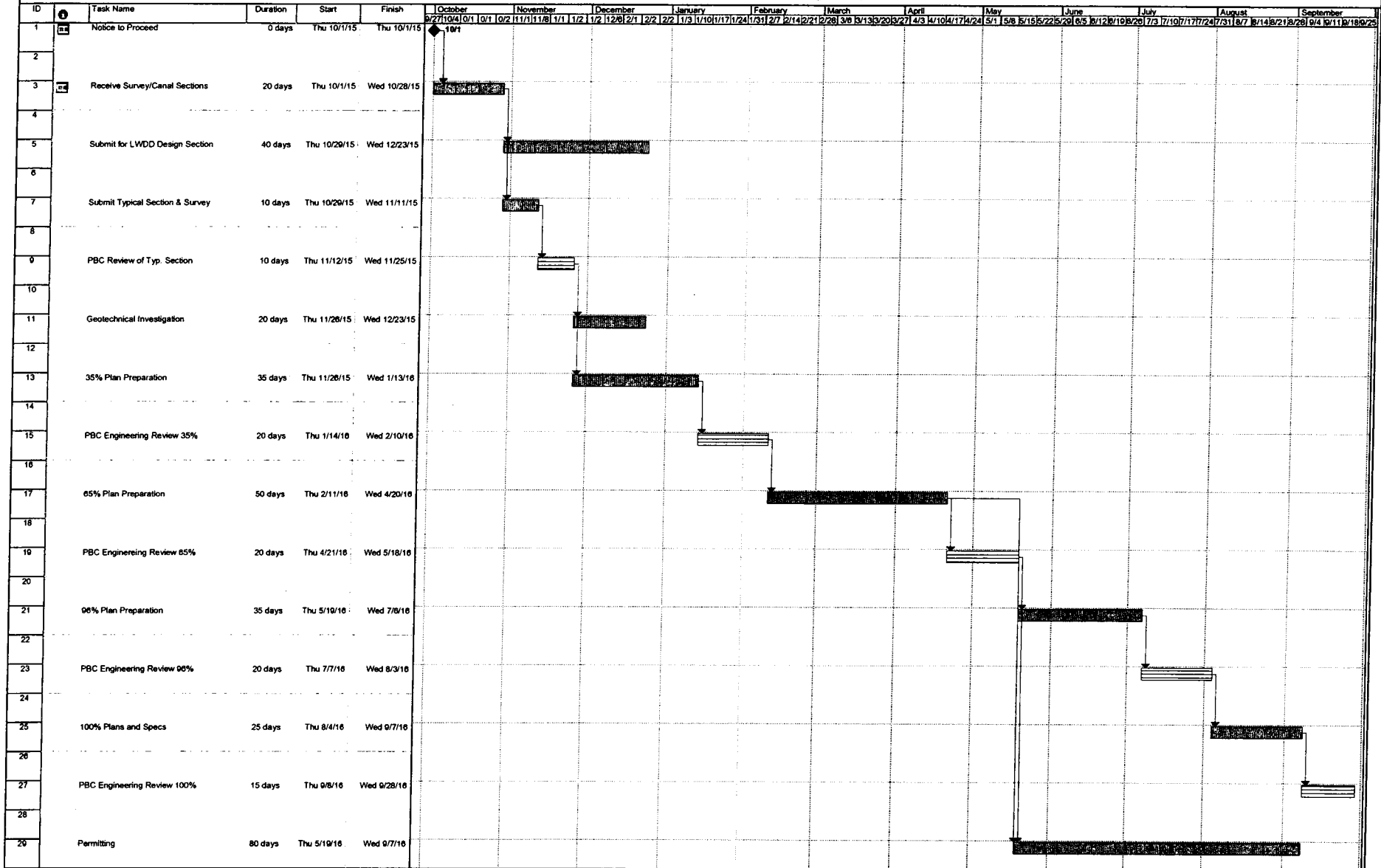
Dear Ms. Dean:

This letter is to serve as declaration that Alan Gerwig & Associates, Inc. does not own any automobiles.

Sincerely,

Alan Gerwig, P.E.
President

Florida Mango Road over LWDD L-8 Canal Bridge Replacement



Florida Mango Road & L-8 Canal
Date: Wed 8/3/15

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline