

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

Meeting Date:	May 18, 2010	<input checked="" type="checkbox"/>	Consent	<input type="checkbox"/>	Regular
		<input type="checkbox"/>	Workshop	<input type="checkbox"/>	Public Hearing
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 Authorization to the Annual Agreement R2008-0164 in the amount of \$61,020.52 with Erdman Anthony of Florida, Inc. for professional services.

SUMMARY: Approval of this Task Authorization will provide the professional services necessary for the preparation of design plans and construction bid documents for Caroline Avenue Crossing over Lake Worth Drainage District L-3 Canal Bridge Replacement.

Districts 2 & 6 (PK)

Background and Justification: On February 5, 2008, the Board of County Commissioners (Board) approved an Annual Agreement R2008-0164 with Erdman Anthony of Florida, Inc. (EAI) to provide professional services required for Countywide Intersection projects. Palm Beach County now desires EAI to prepare design plans and construction bid documents for the Caroline Avenue Crossing over Lake Worth Drainage District L-3 Canal Bridge Replacement (Project) as detailed in Exhibit "A" of the attached Task Authorization. The Small Business Enterprise (SBE) goal for the Project is 15%. The SBE participation achieved for this Task Authorization is 17.84%. The fee, as detailed in Exhibit "A" of the attached Task Authorization, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$43,221.50	(Roadway and Drainage Analysis, Plans, Utility, Environmental Permits).
Reimbursable Expenses (Not to Exceed).....	\$14,749.02	(Survey, Geotechnical, Permit Fees, Printing).
Optional Services (Not to Exceed).....	\$ 3,050.00	(Post Design Services).
Total:	<u>\$61,020.52</u>	

After reviewing the attached Task Authorization and finding it in proper order, staff recommends the Board of County Commissioners' approval.

Attachments:

1. Location Map
2. Task Authorization with Exhibits and Certificate of Insurance (2)
3. Project Work Schedule

Recommended by:	<u><i>Ornela A. Fernandez</i></u>	<u>4/14/10</u>
	Division Director	Date
Approved By:	<u><i>D. J. Webb</i></u>	<u>4/23/10</u>
	County Engineer	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2010	2011	2012	2013	2014
Capital Expenditures	<u>\$79,331</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>\$79,331</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

Budget Account No:

Fund 3500 Dept 361 Unit 1330 Object 6505

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvement Fund
Caroline Avenue Crossing over LWDD L-3 Canal

Task Authorization	
- Basic Services	\$43,221.50
- Reimbursables	\$14,749.02
- Optional Services	\$ 3,050.00
Consultant Authorization	\$61,020.52
Staff Costs	
- Roadway Production	\$12,205.00
- Traffic	\$ 6,105.00
Fiscal Impact	\$79,330.52

C. Departmental Fiscal Review: Phillip White

III. REVIEW COMMENTS

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

<u>[Signature]</u> OFMB MOC 4-28-10 4/29/10 4/23/10	<u>[Signature]</u> Contract Dev. and Control EJens 4/29/10
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B. Approved as to Form and Legal Sufficiency:

[Signature]
Assistant County Attorney

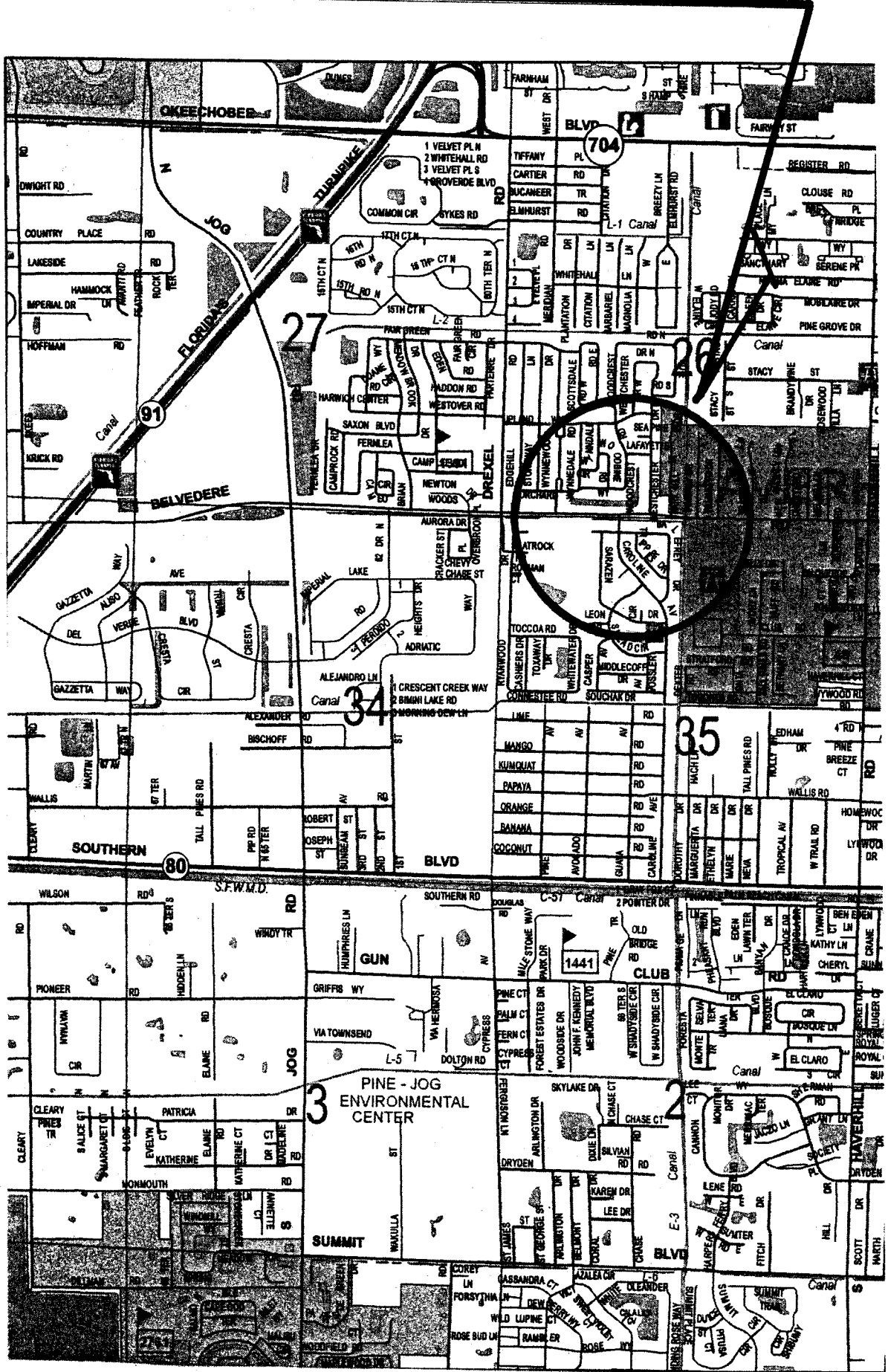
This item complies with current County policies.

C. Other Department Review:

Department Director

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

CAROLINE AVENUE CROSSING OVER
L.W.D.D. L-3 CANAL BRIDGE REPLACEMENT
PALM BEACH COUNTY PROJECT NO. 2010501



LOCATION SKETCH

ATTACHMENT 2

TASK AUTHORIZATION TO ANNUAL AGREEMENT BETWEEN

**PALM BEACH COUNTY
AND
ERDMAN ANTHONY OF FLORIDA, INC.**

FOR PROFESSIONAL ENGINEERING SERVICES ON

**CAROLINE AVENUE CROSSING OVER
L.W.D.D. L-3 CANAL
BRIDGE REPLACEMENT**

**PROJECT #: 2010501
PALM BEACH COUNTY, FLORIDA**

THIS TASK AUTHORIZATION TO THE ANNUAL AGREEMENT, made and entered into this day of _____ 2010 by and between Palm Beach County, hereinafter called the COUNTY, and Erdman Anthony of Florida, Inc., a Florida Corporation with an address of 1402 Royal Palm Beach Boulevard, Building 500, Royal Palm Beach, Florida 33411, hereinafter called the CONSULTANT.

WITNESSETH

WHEREAS, the COUNTY and CONSULTANT entered into an Annual Agreement for Intersection Improvements on a task order basis on February 5, 2008 (R2008-0164).

WHEREAS, the COUNTY desires the CONSULTANT to perform Intersection Improvement services for Caroline Avenue Crossing over L.W.D.D. L-3 Canal Bridge Replacement, Palm Beach County, Florida (hereinafter called the PROJECT); and,

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

**Re: CAROLINE AVENUE CROSSING OVER L.W.D.D. L-3 CANAL BRIDGE REPLACEMENT
Project No.: 2010501**

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 \$43,221.50;

Reimbursable Expenses capped at \$14,749.02;

Optional Services not to exceed \$3,050.00

Totaling \$61,020.52.

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 Authorization known as "SCOPE OF WORK & FEE".
2. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in Exhibit "B" of the Authorization.
3. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "C" of the Authorization.
4. The **CONSULTANT** has provided a sub-consultant Letters of Intent to perform as an SBE as described in Exhibit "D" of the Authorization.
5. The **COUNTY** agrees to pay the **CONSULTANT** a fee of Sixty-One Thousand Twenty Dollars and Fifty-Two Cents (\$61,020.52).
6. The **CONSULTANT** agrees to indemnify, defend and hold harmless the **COUNTY** against all claims that may arise as a result of negligence, wrongdoing, misconduct or want of care by the **CONSULTANT**.

Except as hereby amended, changed or modified, all other terms and conditions of the original Agreement dated February 5, 2008 (R2008-0164), and;

Supplements and Amendments thereto, shall remain in full force and effect.

**Re: CAROLINE AVENUE CROSSING OVER L.W.D.D. L-3 CANAL BRIDGE REPLACEMENT
Project No.: 2010501**

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

OWNER:

**Palm Beach County, Florida, a
Political Subdivision of the
State of Florida**

CONSULTANT:

**Erdman Anthony of Florida, Inc.
a Florida Corporation**

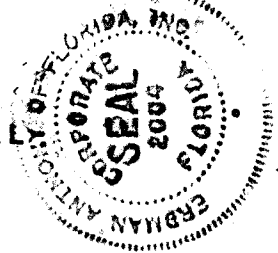
BOARD OF COUNTY COMMISSIONERS

BY: _____
Burt Aaronson, Chair

BY: _____
James F. Noth, P.E., P.S.M.
Vice President

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

CORPORATE SEAL



BY: _____
Deputy Clerk

WITNESS:

BY: _____
Kimberly A. Heath

SEAL

Kimberly A. Heath
(Printed Name)

**APPROVED AS TO TERMS
AND CONDITIONS:**

BY: _____
Ornela A. Fernandez

BY: _____

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

(Printed Name)

COUNTY ATTORNEY

EXHIBIT "A"

FEB 04 2010

Scope & Fee OK.
JLY
2-24-10

SCOPE OF SERVICES
Caroline Avenue and Belvedere Road
Intersection Improvements
PBC Project No. 2010501

February 1, 2010



Prepared By:
ERDMAN ANTHONY
1402 Royal Palm Beach Blvd., Suite 500
Royal Palm Beach, FL 33411

Engineer's Project
No. 60133

Caroline Avenue and Belvedere Road Intersection Improvements

EXHIBIT "A"
SCOPE OF SERVICES

A. General

Erdman Anthony proposes to provide professional services required in connection with the proposed intersection improvements at the Caroline Ave Bridge crossing the Lake Worth Drainage District (LWDD) L-3 Canal and Belvedere Road located in Palm Beach County, Florida. Proposed improvements will include:

- North bound lane widening on Caroline Ave to create 1 left turn and 1 right turn lane at Belvedere Rd. The southbound thru lane at the entrance to Lake Belvedere Estates will be maintained. Two options for the proposed typical section will be provided with the 35% submittal package.
- The existing Caroline Ave Bridge will be abandoned in place and replaced by a proposed culvert.
- Utility plan for a proposed relocation of the existing 8" water main attached to the Caroline Ave Bridge crossing of the LWDD L-3 Canal.

Plans will be prepared in accordance with the latest standards of Palm Beach County as described in the Thoroughfare Roadway Design Procedures dated February 2006 as amended for this assignment, and the Florida Department of Transportation Plans Preparation Manual and FDOT Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, 2007 (Florida Greenbook.) All plans will be on 11"x17" paper.

Erdman Anthony will provide the following basic and optional services using sub-consultants for the reimbursable services, subject to approval by Palm Beach County:

A. Basic Services

1. 35% Submittal
2. 65% Submittal
3. 96% Submittal
4. 100% Submittal
5. Final Submittal
6. Field Survey
7. Geotechnical Services
8. Meetings

B. Basic Services

1. 35% Submittal

These services refer to the following packages:

- Initial Utility Plans
- Typical Section Package / Master Plan
- 35% Design Plans Submittal

Initial Utility Plans - includes the preparation of plan and profile sheets showing the survey base line stations, intersecting street names, existing profile, above ground utilities and proposed relocation for the existing 8" water main crossing the L-3 canal. These plans will be developed at a scale of 1"=40' on the aerial photographs for submittal to Palm Beach County Water Utilities Department.

Typical Section Package / Master Plan, is the preparation of the typical section and a red-lined master plan on the 1"=40' aerials showing all proposed turn lanes and intersection geometrics at Caroline Ave and Belvedere Rd. In order to expedite the design process, typical section and master plan will be submitted at the same time.

The 35% Design Plans submittal will include:

1. Title Sheet
2. Typical Section
3. Preliminary Geometrics
4. Benchmarks, References and Sectional Corners
5. Right of Way Lines, baseline of Survey and Centerline of Construction
6. Preliminary Drainage Design
7. Preliminary Profile Grade Lines
8. Existing Drainage
9. Existing Intersection Profiles
10. Existing Canal Cross Sections
11. List of Required Permits

2. 65% Submittal

These services refer to the following packages:

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

The utility coordination will precede the 65% submittal. These tasks shall be completed in accordance with Appendix A of the Palm Beach County Thoroughfare Road Design Procedures. Palm Beach County Water Utilities Department or, Prism Surveying, Inc. and its subconsultant InfraMap, if authorized by PBC, will designate and survey the utility lines within the corridor, as well as any utility potholes exposed by the utility provider.

The 65% Design Plans submittal will include:

1. Review comments for the 35% submittal addressed
2. Summary of Quantities (items only)
3. Drainage Design Computations
4. Proposed Drainage in Plan
5. Final Geometrics
6. Geometric Computation Book
7. Final Profiles
8. Limits of Construction
9. Intersection Profile Sheets
10. Proposed Canal Cross Sections
11. Proposed Utility Plan & Profile Sheets
12. Special Detail Sheets
13. Preliminary Signing and Pavement Marking Plans

Permit packages - includes the application for all permits. Erdman Anthony will prepare permit packages to incorporate the proposed lane widening on Caroline Ave. A general permit application will be prepared and processed through the LWDD as appropriate for approvals and a no notice general permit through the South Florida Water Management District (SFWMD). A separate utility permit application will be prepared and process through the LWDD and Palm Beach County Water Utilities Department (PBCWUD). No DEP or NPDES permitting is included.

3. **96% Submittal**

These services refer to the following packages:

- Utility Conflict Resolution Plans and Meetings
- 96% Design Plans Submittal

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

The 96% Design Plans submittal will include:

1. Review comments for the 65% submittal addressed
2. Special Provisions for Construction Specifications
3. Summary of Quantities Sheet
4. Utilities on Plan and Profile Sheets
5. Drainage on Drainage Map and Plan and Profile Sheets
6. Signing and Pavement Marking Plans
7. Special Detail Sheets
8. Canal Cross Sections
9. Quantity Computation Book
10. Engineer's Opinion of Probable Construction Cost Estimate

4. **100% Submittal**

These services refer to the following packages:

- Final Utility Coordination Meeting
- 100% Design Plans Submittal

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

The 100% Design Plans submittal will include:

1. Review comments for the 96% submittal addressed
2. All Permits Received

5. **Final Submittal**

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

6. **Field Survey**

A Control Survey will be performed to establish the primary sectional and right-of-way control throughout the project limits. The survey control will be tied to the Florida State Plane Coordinate System using the County's most recent published adjustment. A baseline will be set with points at 100-foot intervals along the proposed culvert alignment within the LWDD L-3 Canal to the East and West of the Caroline Ave and Belvedere Rd intersection to provide control for the proposed culvert improvements.

A vertical control survey will be performed within the project limits to establish two bench marks as required by Palm Beach County. All elevations shall be referenced to NAVD 1988.

A Design Survey will be performed with topography located to 100 feet outside of the proposed culvert endwalls. This will include all above ground utility locations and four (4) cross-sections of the existing LWDD L-3 Canal from the existing edge of pavement on the south side of Belvedere Rd to the south R/W line of the LWDD L-3 Canal. Survey limits will include the entire intersection at Belvedere Rd from the north R/W line to 250' south along Caroline Ave, 400' along the existing L-3 Canal on south side of Belvedere Rd, east and west of the intersection, all measured from the center of the intersection. See Exhibit B for graphical survey limits.

A 3D Microstation file and DTM will be provided.

7. **Geotechnical Engineering Services**

Tierra Inc. will provide geotechnical engineering services as outlined in their proposal.

8. **Meetings**

A representative from Erdman Anthony and subconsultants as specified will attend the following meetings as listed in the attached fee proposal.

C. Optional Services

1. **Post Design Services** – It is understood that Palm Beach County will coordinate and schedule the appropriate inspections during construction. However, as desired by PBC, an estimate for Post Design Services such as responding to RFI's, reviewing shop drawings, certifications for permits, etc. has been included here as Optional Services.

D. Reimbursable Services

1. **Printing:**
2. The costs for such printing will be billed to the County as shown on the fee proposal. CADD files will be submitted with the final submittal.

THRU 02 CRT



LINDS L.C. CANAL

MORTON'S GARAGE

MORTON'S GARAGE

MORTON'S GARAGE

MORTON'S GARAGE

MORTON'S GARAGE AND 2 LANE GARAGE

MORTON'S GARAGE

MORTON'S GARAGE

50 Feet

200 Feet

North Arrow

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Caroline Ave & Belvedere Rd
 County: Palm Beach
 FPN:
 FAP No.:

Consultant Name: Erdman Anthony
 Consultant No.:
 Date: 2/1/2010
 Estimator: Joseph DeFranzo

Staff Classification	Senior Engineer	Project Manager	Project Engineer	Designer	Engineering Intern	CADD Technician	2 Man Crew	1 Man Crew	PLS	SH By Activity	Salary Cost By Activity	Average Rate Per Task
	\$188.00	\$150.00	\$135.00	\$93.50	\$78.00	\$75.00	\$120.00	\$65.00	\$130.00			
4. Roadway Analysis	14	17	34	0	0	3	0	0	0	68	\$9,689.00	\$142.49
5. Roadway Plans	15	23	38	0	0	76	0	0	0	152	\$16,770.00	\$110.33
6. Drainage Analysis	4	6	8	6	3	1	0	0	0	28	\$3,514.00	\$125.50
7. Utility	9	9	12	15	9	6	0	0	0	60	\$7,018.50	\$116.98
8. Environmental Permits	4	4	6	7	4	3	0	0	0	28	\$3,265.50	\$116.63
19. Signing & Marking Analysis	1	2	3	1	1	1	0	0	0	9	\$1,117.50	\$124.17
20. Signing & Marking Plans	2	2	4	0	0	9	0	0	0	17	\$1,847.00	\$108.65
23. Lighting Analysis												
24. Lighting Plans												
25. Landscape Architecture Analysis												
26. Landscape Architecture Plans												
Total Staff Hours	49	63	105	29	17	99	0	0	0	362		
Total Staff Cost	\$8,134.00	\$9,450.00	\$14,175.00	\$2,711.50	\$1,326.00	\$7,425.00	\$0.00	\$0.00	\$0.00		\$43,221.50	\$119.40

Erdman Anthony	80%	\$43,221.50
Subconsultant: Prism	20% 13%	\$6,905.00
Subconsultant: RJ Behar	0%	\$0.00
Subconsultant: Tierra	7%	\$3,990.00
Reimbursable Expenses		\$104.02
SUBTOTAL ESTIMATED FEE:		\$54,220.52
Geotechnical Field and Lab Testing		\$0.00
Permit Fees (LWDD \$3,000 & PBCWUD \$750)		\$3,750.00
Optional Services		\$3,050.00
GRAND TOTAL ESTIMATED FEE:		\$61,020.52

** 3.0% multiplier*

Reimbursable Expenses

Estimator:

Firm: Erdman Anthony
Estimator: Joseph DeFronzo

Item	No. of Sets	No. of Sheets (11" x 17")	Unit Cost	Total Cost	Comments
Initial Utility Contact Plans	10	2	\$0.14	✓ \$2.80	
Typical Section & Master Plan	1	4	\$0.14	✓ \$0.56	
35% Submittal	1	12	\$0.14	✓ \$1.68	
Utility Coordination	10	2	\$0.14	✓ \$2.80	
65% Submittal	1	15	\$0.14	✓ \$2.10	
Permit Applications	3	12	\$0.14	✓ \$5.04	
Utility Coordination	10	15	\$0.14	✓ \$21.00	
96% Submittal	1	0	\$0.14	✓ \$0.00	
Utility Coordination	2	3	\$0.14	✓ \$0.84	
100% Submittal	1	15	\$0.14	✓ \$2.10	
Final Submittal Plans	31	15	\$0.14	✓ \$65.10	
Total Reimbursable Expenses				✓ \$104.02	

4. Roadway Analysis

Estimator:
Form Revised 6/6/05

Firm: Erdman Anthony
Estimator: Joseph DeFronzo

Task No.	Task	Units	No of Units	Hours / Unit	Total Hours	Comments
4.4	Horizontal /Vertical Master Design Files	LS	1	24	24	650' total length
4.5	Cross Section Design Files	LS	1	12	12	100' sections
4.10	Computation Book & Quantities	LS	1	10	10	Low end for non LS projects
4.11	Cost Estimate	LS	1	8	8	
4.12	Technical Special Provisions	LS	1	0	0	
4.13	Other Roadway Analysis	LS	1	0	0	
Roadway Analysis Technical Subtotal					54	
4.14	Field Reviews	LS	2	4	8	
4.15	Technical Meetings	LS	2	3	6	2 review meetings with PBC
Roadway Analysis Nontechnical Subtotal					14	
4. Roadway Analysis Total					68	

5. Roadway Plans

Estimator:

Firm: Erdman Anthony
Estimator: Joseph DeFronzo

Task No.	Task	Scale	Units	No. of Units	Hours / Unit	No. of Sheets	Total Hours	Comments
5.1	Key Sheet		Sheet	1	4	1	4	
5.2	Summary of Pay Items-including Quantity Input		Sheet	1	8	1	8	
5.3	Drainage Map		Sheet	1	0	1	0	
5.4	Interchange Drainage Map		Sheet	0	0	0	0	
5.5	Typical Section Sheets		Sheet	1	8	1	8	2 typical sections
5.6	General Notes/Pay Item notes		Sheet	1	4	1	4	
5.7	Summary of Quantities		Sheet	1	8	1	8	
5.10	Summary of Drainage Structures		Sheet	0	0	0	0	
5.13	Plan/Profile Sheet		Sheet	0	0	0	0	
5.14	Profile Sheet		Sheet	2	16	2	32	
5.15	Plan Sheet		Sheet	2	24	2	48	Includes drainage details
5.20	Intersection Layout Details		Sheet	0	0	0	0	
5.21	Miscellaneous Detail Sheets		Sheet	1	8	1	8	
5.22	Drainage Structure Sheet (per Structure)		EA	0	0	1	0	
5.23	Miscellaneous Drainage Detail Sheets		Sheet	0	0	0	0	
5.24	Lateral Ditch Plan/Profile		Sheet	1	8	1	8	
5.25	Lateral Ditch Cross Sections		EA	4	4	0	16	
5.28	Cross-section Pattern Sheet		Sheet	0	0	0	0	
5.30	Cross Sections		EA	2	4	0	8	
5.34	Utility Adjustment Sheets		Sheet	0	0	0	0	
5.35	Selective Clearing and Grubbing		Sheet	0	0	0	0	
5.36	Erosion Control Plan		Sheet	0	0	0	0	
5.37	SWPPP		Sheet	0	0	0	0	
5.40	Utility Verification Sheet (SUE Data)		Sheet	0	0	0	0	
Roadway Plans Technical Subtotal						13	152	
5. Roadway Plans Total						13	152	

6. Drainage Analysis

Estimator:
Form Revised 4/15/07

Firm: Erdman Anthony
Estimator: Joseph DeFronzo

Task No.	Task	Units	No of Units	Hours / Unit	Total Hours	Comments
6.1	Determine Base Clearance Water Elevation	Per Location	0	0	0	
6.2	Pond Siting Analysis and Report	Per Basin	0	0	0	
6.3	Design of Cross Drains	EA	0	0	0	
6.4	Design of Roadway Ditches	Per Ditch Mile	0	0	0	
6.5	Design of Outfalls	EA	0	0	0	
6.6	Design of Stormwater Management Facility (Offsite Pond)	EA	0	0	0	
6.7	Design of Stormwater Management Facility (Roadside Ditch as Linear Pond or Infield Pond)	Per System	0	0	0	
6.8	Design of Flood Plain Compensation Area	Per Encroachment	0	0	0	
6.9	Design of Storm Drains	EA	2	2	4	
6.10	Optional Culvert Material	LS	1	8	8	Provide for temporary canal drainage during construction
6.11	French Drain Systems	LS	0	0	0	
6.12	Drainage Wells	EA	0	0	0	
6.13	Drainage Design Documentation Report	LS	0	0	0	
6.14	Bridge Hydraulic Report	EA	0	0	0	
6.15	Temporary Drainage Analysis	LS	1	4	4	Provide for temporary canal drainage during construction
6.16	Cost Estimate	LS	1	8	8	
6.17	Technical Special Provisions	LS	1	0	0	
6.18	Other Drainage Analysis	LS	1	0	0	
Drainage Analysis Technical Subtotal					24	
6.19	Field Reviews	LS	1	4	4	
6.21	Quality Assurance/Quality Control	LS	%	0%	0	
6.22	Independent Peer Review	LS	%	0%	0	
6.23	Supervision	LS	%	0%	0	
Drainage Analysis Nontechnical Subtotal					4	
6. Drainage Analysis Total					28	

7. Utilities

Estimator:

Firm: Erdman Anthony

Form Revised 4/15/07

Estimator: Joseph DeFronzo

Task No.	TASK	Units	No of Units	Hours / Unit	Total Hours	Comments
7.1	Kickoff Meeting	LS	1	0	0	
7.2	Identify Existing UAOs	LS	0	0	0	
7.3	Make Utility Contacts	LS	1	1	1	Contact PBC Water Utilities Department
7.4	Exception Coordination	LS	1	0	0	
7.5	Preliminary Utility Meeting	LS	1	2	2	Meeting with PBC Water Utilities Department
7.6	Individual/Field Meetings	LS	1	0	0	
7.7	Collect and Review Plans and Data from UAO(s)	LS	1	4	4	Erdman Anthony
7.8	Subordination of Easements Coordination	LS	1	0	0	
7.9	Utility Design Meeting	LS	2	2	4	Erdman Anthony
7.10	Plan & Profile Sheets	LS	2	16	32	Prepare watermain plans to remove bridge attachment and replace with direct burial
7.11	Utility Coordination / Follow-up	LS	1	8	8	Provide assistance to PBC utility office to the budgeted hrs limit
7.12	Utility Constructability Review	LS	1	0	0	
7.13	Additional Utility Services	LS	1	0	0	
7.14	Processing Utility Permit by PBC	LS	1	4	4	
7.15	Construction Plans to UAO(s)	LS	1	1	1	PBC Water Utilities Department to review plans
7.16	Certification/Close-out	LS	1	4	4	
7.17	Other Utilities	LS	1	0	0	
7. Utilities Total					✓ 60	

8. Environmental Permits

Estimator:
Form Revised 6/6/05

Firm: Erdman Anthony
Estimator: Joseph DeFranzo

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
8.1	Preliminary Project Research	LS	1	4	4	
8.2	Complete Permit Involvement Form	LS	1	0	0	
8.3	Establish Wetland Jurisdictional Lines	LS	1	0	0	
8.4	Agency Verification of Wetland Data	LS	1	0	0	
8.5	SFWMD No Notice General Permit	LS	0	0	0	
8.6	FDEP NPDES	LS	0	0	0	
8.7	Lake Worth Drainage District (LWDD) Permit	LS	1	16	16	
8.8	ERM Permit	LS	1	0	0	
8.9	Prepare R/W Occupancy Sketches	LS	1	0	0	
8.10	Prepare Coastal Construction Control Line (CCCL) Permit Sketches	LS	1	0	0	
8.11	Prepare Tree Permit Information	LS	1	0	0	
8.12	Mitigation Coordination and Meetings	LS	1	0	0	
8.13	Mitigation Design	LS	1	0	0	
8.14	Environmental Clearances	LS	1	0	0	
8.15	Other Environmental	LS	1	0	0	
Environmental Permits Technical Subtotal					20	
8.16	Technical Meetings	LS	2	4	8	LWDD Meetings (1 person 2 meetings)
Environmental Permits Nontechnical SubTotal					8	
8. Environmental Permits Total					28	

19. Signing & Marking Analysis

Estimator:
Form Revised 6/6/05

Firm: Erdman Anthony
Estimator: Joseph DeFranzo

Item No.	Task	Units	No. of Units	Hours/Unit	Total Hours	Comments
19.1	Traffic Data Analysis	LS	1	0	0	
19.2	No Passing Zone Study	LS	1	0	0	
19.3	Reference and Master Design File	LS	1	5	5	Per PBC mark ups
19.4	Multi Post Sign Support Calculations	EA	0	0	0	
19.5	Sign Panel Design Analysis	EA	0	0	0	
19.6	Sign Lighting/Electrical Calculations	EA	0	0	0	
19.7	Quantities	LS	1	4	4	Assume 2 plan sheets
19.8	Computation Book	LS	1	0	0	
19.9	Cost Estimate	LS	0	0	0	
19.10	Technical Special Provisions	LS	1	0	0	
19.11	Other Signing and Pavement Marking	LS	1	0	0	
Signing & Pavement Marking Analysis Technical Subtotal					9	
19.13	Technical Meetings	LS	1	0	0	
Signing & Pavement Marking Analysis Nontechnical Subtotal					0	
Signing & Pavement Marking Analysis Total					9	

20. Signing & Marking Plans

Estimator:

Firm: Erdman Anthony
Estimator: Joseph DeFronzo

Item No.	Description	Scale	Units	No. of Units	Round Unit	No. of Sheets	Total Hours	Comments
20.1	Key Sheet		Sheet	0	0	0	0	
20.2	Summary of Pay Items-including CES Input		LS	1	0		0	
20.3	Tabulation of Quantities		Sheet	0	0	0	0	
20.4	General Notes / Pay Item Notes		Sheet	0	0	0	0	
20.5	Project Layout		Sheet	0	0	0	0	
20.6	Plan Sheet		Sheet	2	8	2	16	
20.7	Typical Details		EA	0	0		0	
20.8	Guide Sign Work Sheet (s)		EA	0	0		0	
20.9	Traffic Monitoring Site		EA	0	0		0	
20.10	Cross Sections		EA	0	0		0	
20.11	Special Service Point Detail		EA	0	0		0	
20.12	Special Details		LS	1	1		1	
20.13	Interim Standards		LS	1	0		0	
Signing & Pavement Marking Plans Technical Subtotal						2	17	
Signing & Pavement Marking Plans Total						2	17	

PRISM SURVEYING, INC.

Surveying and Mapping Services

17721 62nd Road North
Loxahatchee, FL 33470
Phone 561-204-1035 Fax 561-793-3574

Quotation

DATE 2/1/2010

Bill To:

Joseph L. DeFronzo, PE
Erdman Anthony
1402 Royal Palm Beach Blvd., Suite 500
Royal Palm Beach, FL 33411

RE: Caroline Ave & Belvedere Rd
Survey Services - Annual Intersection Improvement Contract

Description	AMOUNT
Field - (HV Control, (4) cross-sections for L-3 Canal, Field Work -scope of work per Section 6.) (Boundary, Topo , Set Baseline, BMS, above ground utility locations	✓ 4,400.00
Office - CAD - Digital Terrain Model	✓ 1,980.00
PSM/PLS Administration & Review	✓ 525.00
*****Optional Sketches - \$400.00 Each if required	
TOTAL	\$✓ 6,905.00

Minimum 48 hours notice for any request, weather permitting

Agreed and Accepted

Date: _____

SURVEY
BASIC SERVICES

	Days	Hours	Rate\$	Cost
Field Crew	5.5		800	✓ \$4,400.00
CAD		33	60	✓ \$1,980.00
Surveyor Review				
a -Field review & Research		4.5	70	✓ \$315.00
b - Technical meetings		3	70	✓ \$210.00
BASIC SERVICES SUBTOTAL				✓ \$6,905.00

OPTIONAL SERVICES

2 -	LEGAL SKETCHES & DESCRIPTIONS		Rate per Sketch	Cost
	Legal Sketches & Descriptions		\$400.00	



November 30, 2009

Mr. Joseph L. DeFronzo, P.E.
Associate
Erdman Anthony And Associates, Inc.
1402 Royal Palm Beach Blvd, Bldg 500
Royal Palm Beach, Fl. 33411

Re: **Proposal for Geotechnical Services**
Culvert at Caroline Avenue and Belvedere Road
Palm Beach County, Florida
TSF Proposal No.: 0911-402

Dear Joseph:

As requested, Tierra South Florida, Inc. (TSF) is pleased to submit this proposal for the above-referenced project. It is our understanding that the project will include installation of pipe culvert over the canal at the intersection of Caroline Avenue and Belvedere Road in Palm Beach County, Florida. This proposal includes an outline of our propose scope of work, an estimate of the total fees, and our anticipated schedule for completion of the work.

PROPOSED SCOPE OF WORK

We propose to perform two Standard Penetration Test (SPT) borings to a depth of 30 feet for the proposed culvert. Due to access restrictions, the borings will be drilled adjacent to the guard rail.

Within the SPT boring, disturbed sample collection will be performed in general accordance with the requirements of ASTM D 1587, respectively. Boring will be approximately located in the field by our personnel by measuring distances with a tape from known reference points. We assume that others will identify any private underground utilities existing in the exploratory area. Elevations at boring locations can be interpreted from topographic plans if furnished by others.

Upon completion of the field exploration, laboratory testing will be performed on selected samples if required.

A geotechnical engineer will evaluate the results of all drilling and laboratory testing. A report will be issued that contains the exploration data, a discussion of the site and subsurface conditions, recommendations for foundation design, and a discussion of some construction considerations.

ESTIMATED FEES

It is proposed that the fee for the performance of the services outlined above is determined on a unit price basis in accordance with the attached Fee Schedule. On the basis of the proposed quantities, it is estimated that the total fee will be approximately \$3,990.

Our estimate covers the work needed to present our findings and recommendations in a formal report. Not included are reviews of foundation drawings, preparation of construction specifications, special conferences and any other work requested after submittal of our report.

This estimated fee assumes that the site is readily accessible to our truck-mounted drilling equipment. Any bulldozer or wrecker services required to provide access pathways or mobility assistance to our truck-mounted drill rig are not included in this proposal.

Boring, sampling, and testing requirements are a function of the subsurface conditions encountered. Therefore, the estimated fee previously indicated is approximate, and compensation for the exploration will be based on the actual work and tests performed. We will endeavor to keep the exploration cost at a minimum consisting with good engineering practice.

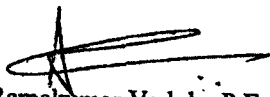
SCHEDULE AND AUTHORIZATION

TSF will proceed with the work after receipt of a signed copy of this proposal. With our present schedule, we can commence work within several days of project approval (weather permitting) and fieldwork will take one day to complete. The written report can be submitted about 1 week after completion of the field exploration, depending on the extent of the laboratory-testing program. Verbal preliminary recommendations can be made to appropriate parties prior to submittal of the written report.

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. If you should have any questions concerning our proposal, please contact our office.

Respectfully submitted,

TIERRA SOUTHJ FLORIDA, INC.


Ramakumar Vedula, P.E. 11/3/09
Principal Engineer

Attachments: - Fee Estimate

AUTHORIZED BY:	INVOICE TO:
Name:	Firm:
Title:	Name:
Date:	Address:

TIERRA SOUTH FLORIDA, INC.
ATTACHMENT
FEE SCHEDULE FOR GEOTECHNICAL SERVICES

I.	FIELD INVESTIGATION	Unit	# of Units	Unit Price		Total
	Mobilization of Men and Equipment	Trip	1	\$	350.00	✓ 350.00
	Truck-Mounted Equipment					
	Standard Penetration Test Borings (By Truck-Mounted Equipment)					
	0 - 50 ft depth	L.F.	60	\$	12.00	✓ 720.00
	50 - 100 ft depth	L.F.	0	\$	14.00	0.00
	Grout-Seal Boreholes (By Truck-Mounted Equipment)					
	0 - 50 ft depth	L.F.	60	\$	4.50	✓ 270.00
	50 - 100 ft depth	L.F.	0	\$	5.00	0.00
	Casing Allowance (By Truck-Mounted Equipment)					
	0 - 50 ft depth	L.F.	50	\$	6.00	✓ 300.00
	50 - 100 ft depth	L.F.	0	\$	8.00	0.00
	Rock Coring (Structures) (By Truck-Mounted Equipment)					
	0 - 50 ft deep	L.F.	0	\$	30.00	0.00
	50 - 100 ft deep	L.F.	0	\$	38.00	0.00
	Borehole Permeability Tests	Test	0	\$	250.00	0.00
	Traffic Control (1-man crew with safety equipments)	Day	0	\$	800.00	0.00
	Auger Borings (Roadway)	L.F.	0	\$	7.50	0.00
	Extra Split Spoon Samples	Each	0	\$	30.00	0.00
	Hand Muck Probes (2-man crew)	Day	0	\$	800.00	0.00
	Double Ring Infiltration Test	Test	0	\$	500.00	0.00
	Pavement Cores, Asphalt	Each	0	\$	85.00	0.00
	Core Machine Rental	Day	0	\$	300.00	0.00
II.	LABORATORY TESTING					
	Visual Examination by Project Engineer	Hour	1	\$	85.00	✓ 85.00
	Natural Moisture Content Tests	Test	1	\$	10.00	✓ 10.00
	Grain-Size Analysis - Full Gradation	Test	1	\$	60.00	✓ 60.00

TIERRA SOUTH FLORIDA, INC.
ATTACHMENT
FEE SCHEDULE FOR GEOTECHNICAL SERVICES

	Unit	# of Units		Unit Price		Total
Grain-Size Analysis - Single Sieve	Test	0	\$	25.00	\$	0.00
Organic Content Tests	Test	1	\$	35.00	\$	✓ 35.00
Atterberg Limit Tests	Test	0	\$	75.00	\$	0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	0	\$	150.00	\$	0.00
LBR Test	Test	0	\$	250.00	\$	0.00
III. FIELD ENGINEERING AND TECHNICAL SERVICES						
Site Recon./Utility Coordination/Traffic Control						
Sr. Engineering Technician	Hour	8	\$	55.00	\$	✓ 440.00
Engineering Technician	Hour	0	\$	45.00	\$	0.00
IIIA. ENGINEERING AND TECHNICAL SERVICES						
Principal Engineer	Hour	2	\$	125.00	\$	✓ 250.00
Senior Geotechnical Engineer	Hour	4	\$	100.00	\$	✓ 400.00
Project Engineer	Hour	10	\$	85.00	\$	✓ 850.00
Draftperson	Hour	4	\$	55.00	\$	✓ 220.00
Administrative Assistant	Hour	0	\$	40.00	\$	0.00
TOTAL FEE FOR GEOTECHNICAL SERVICES =					\$	✓ 3,990.00

EXHIBIT "B"

CERTIFICATION STATEMENT

Project: Caroline Avenue Crossing over L.W.D.D. L-3 Canal Bridge Replacement
Project No.: 2010501

CONSULTANT: Erdman Anthony of Florida, Inc.

TRUTH-IN-NEGOTIATION STATEMENT

By entering into this Agreement, the **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 Agreement.

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 Agreement the **CONSULTANT** warrants that they have not employed or retained any company or person other than a bonafide employee working solely for the **CONSULTANT** to solicit or secure this Agreement 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**, any fee, commission, percentage, gift or other consideration contingent upon or resulting from the award of making of this agreement.

PUBLIC ENTITY CRIMES STATEMENT

As provided in F.S. 287.132-133, by entering this Agreement or performing any work in furtherance hereof, the **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** 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, sexual orientation, gender identity and expression.



James F. Noth, P.E., P.S.M., Vice President

CONFLICT OF INTEREST DISCLOSURE FORM

Project: Caroline Avenue Crossing over L.W.D.D. L-3 Canal Bridge Replacement

Project No.: 2010501

ENGINEER 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:

(Attach additional sheets as needed.)

ENGINEER further represents that no person having any interest shall be employed for said performance. By signing below, ENGINEER 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 ENGINEER'S judgment or quality of services being provided to the County.


ENGINEER 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 ENGINEER'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 ENGINEER 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 ENGINEER.

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

THIS DISCLOSURE is submitted by James F. Noth, P.E., P.S.M., as
(Name of Individual)

Vice President, of Erdman Anthony of Florida, Inc.
(Title/Position) (Firm Name of ENGINEER)

who hereby certifies that the information stated above is true and correct. Further, it is hereby acknowledged that any misrepresentation by the Consultant on this Disclosure is considered an unethical business practice and is grounds for sanctions against future County business with the Consultant.



(Signature) 4/13/10
(Date)

E:\ROADWAY\CCNA\Annals\Intersection\Erdman\2010501\Disclosure.Doc.doc

EXHIBIT "C"

PARTICIPATION FOR MWBE/SBE CONSULTANTS

Contract

Project Name: Caroline Avenue Crossing over L.W.D.D. L-3

Project No.: 2010501

Prime Consultant: Erdman Anthony of Florida, Inc. d/b/a

Prime Contact Person:

Telephone No.: (561) 753-9723

Resolution Date: 02/05/2008

Res #: R2008-0164

Department: Engineering & Public Works

Name / Address / Telephone of Minority Sub-Consultant	Type / Description of Work Performed by Sub-Consultant	Contract Dollar Amount for Sub-Consultant					
		Black	Hispanic	Other	Women	White Male	
Prism Surveying, Inc. 17721 62ND RD N LOXAHATCHEE, FL 33470 (561) 204-1035	Surveyor	MWBE	0.00	0.00	0.00	0.00	
		SBE	0.00	6,905.00	0.00	0.00	0.00
Tierra South Florida, Inc. 2765 VISTA PKY STE 9 WEST PALM BEACH, FL 33411 (561) 687-8539	Geotechnical	MWBE	0.00	0.00	0.00	0.00	
		SBE	0.00	0.00	3,990.00	0.00	0.00
Total MWBE			0.00	0.00	0.00	0.00	
%							
Total SBE			0.00	6,905.00	3,990.00	0.00	0.00
%				11.31	6.53		

Total Contract Amount of Authorization 61,020.52

EXHIBIT "D"

SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT

PROJECT NO. 2010501
PROJECT NAME: Caroline Avenue Crossing over L.W.D.D. L-3 Canal Bridge Replacement
TO: Erdman Anthony of Florida, Inc.
(Name of Prime Consultant)

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

Small Business Enterprise (SBE) _____ Minority Business Enterprise (M/WBE) _____
Black _____ Hispanic _____ Women _____ Caucasian _____ Other (Please Specify) _____

Date of Palm Beach County Certification: 06/02/07

The undersigned is prepared to perform the following described work in connection with the above project and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.
(Specify in detail particular work items or parts thereof to be performed)

Surveyor services. A control survey will be performed and a baseline will be set along the proposed culvert alignment within the LWDD L-3 Canal to the east and west of the Caroline Avenue and Belvedere Road intersection to provide control for the proposed culvert improvements. A vertical control survey will be performed within the project limits to establish two bench marks. A design survey will be performed with topography located to 100 feet outside proposed culvert endwalls. This will include all above ground utility locations and four (4) cross-sections of the existing L-3 Canal. Survey limits will include the entire intersection at Belvedere Road to 250" south along Carole Avenue. 400" along the existing L-3 Canal on the south side of Belvedere Road, east and west of the intersection, all measured from the center of the intersection. A 3D Microstation file and DTM will be provided.

SBE-M/WBE Participation 11.31 %

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subcontractor, the name of any such subcontractor must be stated n/a

The undersigned subconsultant understands that the provision of this form to prime bidder does not prevent subconsultant from providing quotations to others.

Prism Surveying, Inc.
(Print name of SBE-M/WBE Subcontractor)

By: Therese Pedraza
(Signature)

Therese Pedraza, Vice President
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: 04/08/10

SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT

PROJECT NO. 2010501
PROJECT NAME: Caroline Avenue over Lake Worth Drainage District (LWDD) L-3 Canal Intersection Improvements
TO: Erdman Anthony of Florida, Inc.
(Name of Prime Consultant)

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

Small Business Enterprise (SBE) _____ Minority Business Enterprise (M/WBE) _____
Black _____ Hispanic _____ Women _____ Caucasian _____ Other (Please Specify) _____

Date of Palm Beach County Certification: February 3, 2012

The undersigned is prepared to perform the following described work in connection with the above project and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.
(Specify in detail particular work items or parts thereof to be performed)

Geotechnical services. The project will include installation of pipe culvert over the canal at the intersection of Caroline Avenue and Belvedere Road. Perform two Standard Penetration Test (SPT) borings to a depth of 30 feet for the proposed culvert. Within the SPT boring, disturbed sample collection will be performed. Upon completion of the field exploration, laboratory testing will be performed on selected samples if required. An evaluation of all drilling and laboratory testing and a report will be issued.

SBE-M/WBE Participation 6.53 %

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subcontractor, the name of any such subcontractor must be stated _____

The undersigned subconsultant understands that the provision of this form to prime bidder does not prevent subconsultant from providing quotations to others.

Tierra South Florida, Inc.
(Print name of SBE-M/WBE Subcontractor)

By: _____
(Signature)

Raj Krishnasamy, P.E., President
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: April 6, 2010

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID AD
ERDMA-1

DATE (MM/DD/YYYY)
04/13/10

PRODUCER

Poole Professional - NY
107 Audubon Rd #2 Ste 305
Wakefield MA 01880
Phone: 781-245-5400 Fax: 781-245-5463

REC'D APR 16 2010

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Erdman Anthony and Associates, Inc.
2165 Brighton Henrietta T-L Rd
Rochester NY 14623-2755

INSURERS AFFORDING COVERAGE

NAIC #

INSURER A:	XL Specialty Insurance Co.	37885
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		

COVERAGES

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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
		GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				EACH OCCURRENCE	\$
						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
						MED EXP (Any one person)	\$
						PERSONAL & ADV INJURY	\$
						GENERAL AGGREGATE	\$
						PRODUCTS - COMP/OP AGG	\$
		AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident)	\$
						BODILY INJURY (Per person)	\$
						BODILY INJURY (Per accident)	\$
						PROPERTY DAMAGE (Per accident)	\$
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT	\$
						OTHER THAN AUTO ONLY: EA ACC	\$
						AGG	\$
		EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE RETENTION \$				EACH OCCURRENCE	\$
						AGGREGATE	\$
							\$
							\$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below OTHER				WC STATU-TORY LIMITS	OTH-ER
						E.L. EACH ACCIDENT	\$
						E.L. DISEASE - EA EMPLOYEE	\$
						E.L. DISEASE - POLICY LIMIT	\$
A		Professional Liability	DPR9687047 RETRO DATE 1/1/1954	04/15/10	04/15/11	PER CLAIM	\$3,000,000
						AGGREGATE	\$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

For professional liability coverage the aggregate limit is the total insurance available for all covered claims presented within the policy period. The limit will be reduced by payments of indemnity and expense. Project Name: For All Projects with Palm Beach County.

CERTIFICATE HOLDER

Palm Beach County
Roadway Production Division
2300 N. Jog Road
Suite #3W-33
West Palm Beach FL 33411-2745

PALMB-5

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Maury Beth Rumble

ACORD CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 12/29/2009
PRODUCER (585)546-3747 FAX: (585)424-2798 First Niagara Risk Management, Inc 777 Canal View Boulevard Suite 100 Rochester NY 14623		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.
INSURED Erdman, Anthony and Associates, Inc. 2165 Brighton Henrietta - Townline Road Rochester NY 14623		INSURERS AFFORDING COVERAGE INSURER A: Hartford Casualty NAIC # 29424 INSURER B: Hartford Underwriters 30104 INSURER C: INSURER D: INSURER E:

COVERAGES
 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. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO <input type="checkbox"/> LOC	01UUNW14139	1/1/2010	1/1/2011	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (EA occurrence) \$ 300,000 MED EXP (Adv and other) \$ 10,000 PERSONAL & ADY INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	01UUNW14139	1/1/2010	1/1/2011	COMBINED SINGLE LIMIT (EA accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$
	EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE \$ RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/ MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	01WBPS4570	1/1/2010	1/1/2011	<input checked="" type="checkbox"/> WC STATUTE LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEES \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
 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 are Additional Insured under the General Liability policy only in regard to work performed by the insured when required by executed written contract.

CERTIFICATE HOLDER Palm Beach County Roadway Production Division, 2300 North Jog Road West Palm Beach, FL 33411-2745	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE Joseph Teresi/MARMAR <i>Joseph Teresi</i>
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Project Schedule
2/1/2010

Caroline Ave and Belvedere Rd
Intersection Improvements

PBC Project No. 2010501

Notice to Proceed on Roadway Plans		3/1/2010
Obtain survey	4 Weeks	3/29/2010
Option 3A/3B (Typical Sections)	2 Weeks	4/12/2010
PBC Review Complete	2 Weeks	4/26/2010
(35%) Submittal	4 Weeks	5/24/2010
PBC Review Complete	2 Weeks	6/7/2010
(65%) Submittal	4 Weeks	7/5/2010
PBC Review Complete	2 Weeks	7/19/2010
(96%) Submittal	4 Weeks	8/16/2010
PBC Review Complete	2 Weeks	8/30/2010
(100%) Submittal	3 Weeks	9/20/2010
PBC Review Complete	2 Weeks	10/4/2010
All Permits Received	3 Weeks	10/25/2010
Final Submittal	2 Weeks	11/8/2010
Total Design Schedule	8 Months	