

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

Meeting Date: March 13, 2007	<input checked="" type="checkbox"/> [x]	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

Project No. : 2000503

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Supplemental Agreement No. 12 to Project Agreement R2000-1737 in the amount of \$289,211.58 with Greenhorne & O'Mara, Inc. (GOI) for professional services.

Summary: This Supplemental Agreement will provide the services necessary for the preparation of revised construction plans for Okeechobee Boulevard from west of State Road 7 to east of Jog Road (Project).

Districts: 2 and 6 (PK)

Background and Justification: On October 31, 2000, the Board of County Commissioners (Board) approved an Agreement (R2000-1737) with GOI to provide professional services to prepare a study to address environmental and social issues related to the widening of the Project. Subsequently, design services were authorized and the construction plans are progressing and nearing completion. The County now desires GOI to prepare revised construction plans for the Project, as detailed in Exhibit "A" of the attached Supplemental Agreement. At the time of the March 31, 2000, CCNA Selection Committee, the annual goal for Minority Women Business Enterprise participation for professional services was 11.1%. The Small Business Enterprise participation committed for this supplement by GOI is 12.85% overall. The fee, as detailed in Exhibit "A" of the attached Supplemental Agreement, has been negotiated as just and reasonable compensation as follows:

Basic Services (Lump Sum)	\$285,217.18 (Plans, Structural Design, Utility Location and Geotechnical Services)
Reimbursable Expenses (Not to Exceed)...	\$ 994.40 (Prints)
Optional Services (Not to Exceed).....	\$ 3,000.00 (Legals and Sketches)
Total:	<u>\$289,211.58</u>

After reviewing the attached Supplemental Agreement and finding it in proper order, staff recommends the Board's approval.

Attachments:

1. Location Map
2. Supplemental Agreements (2) with Exhibits, and Certificate of Insurance
3. Project Work Schedule

Recommended by: _____

Division Director

Date

Approved By: _____

County Engineer

Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2007	2008	2009	2010	2011
Capital Expenditures	<u>\$419,712</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>\$419,712</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 Acct No.: Fund 3500 Dept. 361 Unit 0730 Object 6505.
Program

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

Transportation Improvement Fund
Okeechobee Blvd/W of SR 7 to E of Jog Rd

Authorization - Basic Services	\$285,217.18
- Reimbursables	\$ 994.40
- Optional Services	\$ 3,000.00
Consultant Authorization	<u>\$289,211.58</u>
Contingency	\$ 14,500.42
Staff Costs-Roadway	\$ 58,000.00
-ROW	\$ 14,500.00
-Eng Services	\$ 14,500.00
-Traffic	<u>\$ 29,000.00</u>
Fiscal Impact	<u>\$419,712.00</u>

C. Departmental Fiscal Review: R D Ward 2/5/07

III. REVIEW COMMENTS

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

[Signature] 2/12/07 OFMB
[Signature] 2/12/07 Contract Dev. and Control
[Signature] 2/12/07
[Signature] 2/12/07
[Signature] 2/12/07

B. Approved as to Form and Legal Sufficiency:

This item complies with current County policies.

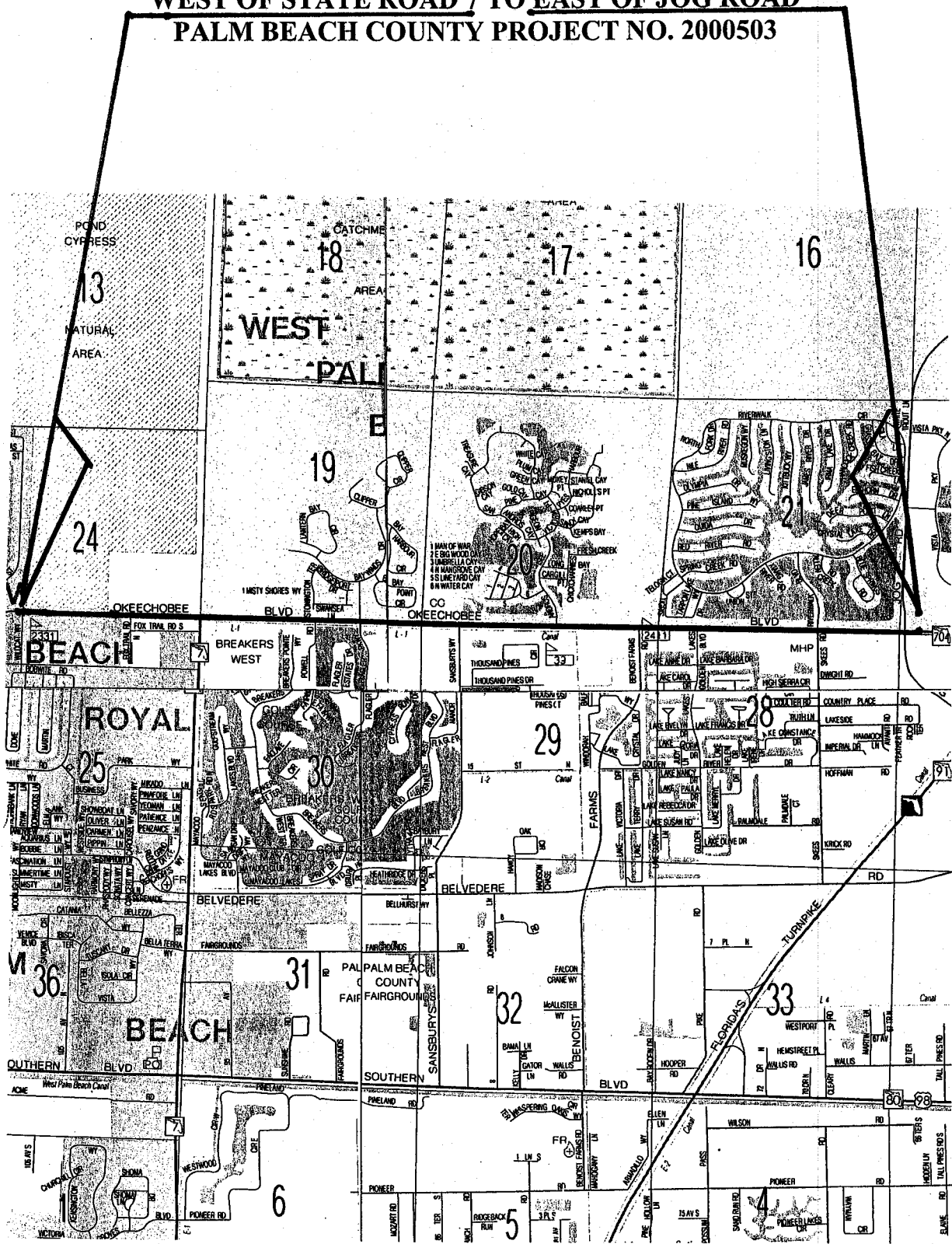
Paul F. [Signature] 2/13/07
Assistant County Attorney

C. Other Department Review:

Department Director

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

OKEECHOBEE BOULEVARD
WEST OF STATE ROAD 7 TO EAST OF JOG ROAD
PALM BEACH COUNTY PROJECT NO. 2000503



LOCATION SKETCH

ATTACHMENT 2

SUPPLEMENTAL AGREEMENT BETWEEN

**PALM BEACH COUNTY
AND**

**GREENHORNE & O'MARA, INC.
FOR PROFESSIONAL ENGINEERING SERVICES ON**

**OKEECHOBEE BOULEVEARD FROM W. OF S.R. 7 TO E. OF JOG ROAD
PROJECT NO.: 2000503**

PALM BEACH COUNTY, FLORIDA

THIS SUPPLEMENTAL AGREEMENT No. 12, made and entered into this day of _____ 2007 by and between Palm Beach County, hereinafter **COUNTY**, and, **GREENHORNE & O'MARA, INC.**, a Florida Corporation with an address of 3223 Commerce Place, Suite 100, West Palm Beach, Florida 33407, with a **Federal Tax I.D. #52-0818093**, hereinafter **CONSULTANT**.

WITNESSETH

WHEREAS, the **COUNTY** and **CONSULTANT** entered into a Project Agreement dated October 31, 2000 (R2000-1737), to provide professional engineering services to study conceptual alternate typical sections necessary to widen to eight (8) lanes, Okeechobee Boulevard from West of S.R. 7 to East of Jog Road, Palm Beach County, Florida (hereinafter **PROJECT**); and

WHEREAS, the **COUNTY** now desires for the **CONSULTANT** to provide additional services required to revise the construction plans for the **PROJECT**; and

**RE: Okeechobee Boulevard from W. of S.R. 7 to E. of Jog Road
Project No. 2000503**

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

Basic Services in a lump sum fee of \$285,217.18;

Reimburseables in a lump sum fee of \$994.40;

Optional Services in a lump sum fee of \$3,000.00

Totaling \$289,211.58

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 Agreement known as "SCOPE OF WORK".
2. The **CONSULTANT** agrees to provide professional services as described in Exhibit "B" of the Agreement known as "FEE PROPOSAL".
3. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in Exhibit "C" of the Agreement.
4. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "D" of the Agreement.
5. The **COUNTY** agrees to pay the **CONSULTANT** a fee of Two Hundred Eighty Nine Thousand Two Hundred Eleven Dollars and Fifty Eight Cents (\$289,211.58).
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 October 31, 2000 (R2000-1737), and;

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

RE: Okeechobee Boulevard from W. of S.R. 7 to E. of Jog Road
Project No. 2000503

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

OWNER:

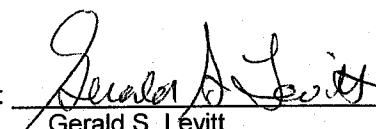
Palm Beach County, Florida, a
Political Subdivision of the
State of Florida

CONSULTANT:

Greenhorne & O'Mara, Inc.
a Florida Corporation

BOARD OF COUNTY COMMISSIONERS

BY: _____
Addie L. Greene, Chairperson

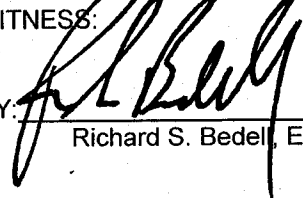
BY:  _____
Gerald S. Levitt
Its Senior Vice President, Chief
Financial Officer & Treasurer



ATTEST:
Sharon R. Bock, Clerk
Circuit Court

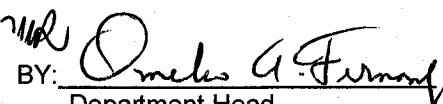
CORPORATE SEAL

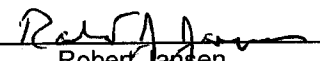
BY: _____
Deputy Clerk

WITNESS:
BY:  _____
Richard S. Bedel, Esq.

SEAL

APPROVED AS TO TERMS
AND CONDITIONS:

BY:  _____
Pamela A. Fanning
Department Head
Division

BY:  2/1/07
Robert Jansen

APPROVED AS TO FORM & LEGAL
SUFFICIENCY:

County Attorney

EXHIBIT "A"

Okeechobee Blvd – Add'l Design Services
Palm Beach County Project No. 00-503A & B

RPB High School to Jog Rd
Supplement No. 12 – Nov 02, 2006

(EXHIBIT "A")

SCOPE of SERVICES – SUPPLEMENTAL AGREEMENT NO. 12

for
OKEECHOBEE BLVD (SR-704) from RPB High School to Jog Rd
Palm Beach County Project No(s) 2000-503A & B

INTRODUCTION

Greenhorne & O'Mara, Inc. (G&O) will provide additional professional engineering and construction plans preparation services requested by the County in connection with the widening of Okeechobee Blvd (SR-704) from six (6) to eight (8) lanes between Royal Palm Beach High School and Jog Rd. The additional services to be provided under this supplemental agreement are in addition to those previously authorized. In general the tasks to be accomplished under this agreement include the following:

- 1.) Permitting services associated with the 2000-503B project
- 2.) Update plans to reflect changed field conditions (new driveways & Rt turn lanes)
- 3.) Additional coordination with the Fillmore property owner to assess alternate Fillmore lake configuration.
- 4.) Split the previously authorized 503A project into two separate projects (503A1 & 503A2)
- 5.) Extend project limits for 503A1 project west to Wildcat Way
- 6.) Modify 503A1 project to provide raised median, fully urban section starting at Courtney Village intersection and 6ft sidewalk on north side per agreement with Village of RPB.
- 7.) Add an exclusive right turn lane into the Minto development.
- 8.) Modify the SR-7 intersection to provide triple lefts NB to WB, dual rights EB to SB & dual rights WB to NB
- 9.) Coordinate the SR-7 intersection configuration with FDOT and Palm Beach County Traffic.
- 10.) Delete the southbound right turn lane on SR 7 just south of the SR 7 & Okeechobee intersection.
- 11.) Revise Sansbury Way, Benoist Farms Rd and Riverwalk Blvd intersections to provide single left turn lanes.
- 12.) Revise signalized intersections to pull crosswalk locations in closer to center of intersection.
- 13.) Incorporate as-built water & sewer plans into roadway plans, adjust drainage design as possible to accommodate as-built locations and general coordination w/ PBCWU
- 14.) Coordinate the geometry of the proposed northern leg of the Benoist Farms Rd intersection with developer, City of WPB & PBC Traffic.
- 15.) Revise signal plans as needed to address item 12
- 16.) Add mast arm signal design for Royal Palm Beach High School entrance
- 17.) Provide roadway lighting design & conceptual lighting plans for entire corridor from SR-7 to the Fla Turnpike.

These additional services will be performed under the conditions defined under the previously authorized agreements or as may be defined within this document

Greenhorne & O'Mara, Inc. will provide the following basic services as a continuation of those services previously authorized.

A. Basic Services

1. Roadway Design
2. Drainage Design

Okeechobee Blvd – Add'l Design Services

Palm Beach County Project No. 00-503A & B

RPB High School to Jog Rd

Supplement No. 12 – Nov 02, 2006

3. Permitting
4. Pavement Marking and Signing Plans
5. Signalization

6. Structural Design
7. Lighting
8. Utility Coordination
9. Reproduction
10. Geotechnical Services

B. Optional Services

- 1.) Utility Potholing Services
- 2.) Parcel Sketch & Legal Description

A. BASIC SERVICES**1. Roadway Design**

The roadway design to be provided under this supplemental agreement will be prepared in accordance with the procedures and design standards outlined in the original work authorizations (SA-3, 4 & 8) for this project. All additional design work will be incorporated into the existing current plans development schedule.

The additional roadway design services to be provided under this agreement can be summarized as follows:

- a.) Revise the signalized intersections to move crosswalks across Okeechobee Blvd in closer to the center of the intersection as requested by PBC Traffic.
- b.) Revise Sansbury Way, Benoist Farms Rd and Riverwalk Blvd intersections to provide only a single left turn lanes EB at Sansbury Way, WB at Benoist Farms Rd and EB at Riverwalk Blvd
- c.) Revise SR-7 intersection geometry to provide dual right turn lanes at west approach, single right turn lane at east approach and triple left turn lanes at south approach.
- d.) Split 503A project into two separate projects (503A1 & 503A2) with the end/begin project interface being just west of SR-7 intersection.
- e.) Redesign section of project between Courtney Village and SR-7 as an urban section with an overbuild pavement design as needed to meet longitudinal slope requirements.
- f.) Revise 503A2 and 503A1 project limits to a begin/end project station at approximately the beginning of the eastbound dual right turn lanes for the SR-7 intersection.
- g.) Revise SR-7 plateau grading details as needed to accommodate new intersection configuration.
- h.) Revise 503A1 project to begin project at Wildcat way intersection. Extend 8ft and 6ft wide sidewalks to the Wildcat Way intersection. Provide WB fourth lane as a drop right lane into the proposed Minto development entrance opposite the RPB High School entrance. Provide a raised median within the entire limits of the 503A1 project. Add an exclusive right turn lane into the Minto development.
- i.) Update 2000-503A2 plans & cross sections to reflect a change in existing conditions since the update for SA-8 was completed.

Construction plans for the new plan sheets as well as those to be revised shall be prepared in a B size (11" X 17") format for all remaining phase and utility submittals. The 30 sets of final plans shall be submitted in a B size format (11"x 17"). The following additional and/or revised

roadway plan sheets and scales shall be provided:

- a. Key Sheet
- b. Typical section sheets, both 503A1 & A2
- c. New & revised Plan sheets (1"=40ft) for both A1 & A2 projects
- c. Roadway Profiles (1"=40ft Horiz. & 1"=4ft Vert.)
- d. Revised Plateau Intersection Plan Details (SR-7)
- e. Drainage Structure Details (1"=10ft Horiz & 1"=10ft Vert)
- f. Cross Sections at 100ft intervals (25ft thru plateau) (1"=5' Horiz & 1"=5' Vert)

2. Drainage Design

The drainage design for the 503A2 project was included under a previous SA. The only drainage design and/or construction plans included in the scope of work for this supplemental agreement will be the design and construction plans necessary for the completion of the storm sewer collection system within the limits of the 503A1 project (Wildcat Way to SR-7). This supplemental design effort will also include the drainage design revisions necessary for the SR-7 intersection reconfiguration.

Drainage design services are limited to the following items:

- a.) Design of a storm sewer collection system for the portion of the project between Wildcat Way and SR-7 (project 2000-503A1)
- b.) Coordination with the developer for the outfalls proposed into the Minto development.
- c.) Modification of the temporary storm sewer connection for the east leg of the SR-7 intersection
- d.) Design of proposed drainage structures, utility conflict structures and modification of existing structures as needed.
- e.) Analysis of alternate Fillmore site lake configuration and land use on proposed roadway system

The following drainage construction plan sheets shall be provided and/or revised.

- a. Drainage maps (1"=200ft Horiz) w/ a raster aerial base
- b. Drainage Structure Sheets (1"=5ft Horiz. & 1"=5ft Vert)

3. Permitting

G&O shall provide the necessary permitting services necessary for the follow items:

- a. Prepare & secure the necessary permits from SFWMD, LWDD & NPBCID for the roadway improvements proposed at the Jog Road intersection under project number 2000-503B.
- b. Secure the necessary SFWMD permit modifications for the roadway improvements proposed under the 2000-503A1 project. The drainage area and land use within the Okeechobee Blvd R/W between Wildcat Way and SR-7 has been previously included in the Minto permit per the agreement between Minto and PBC.
- c. Process a letter modification for current roadway permit from SFWMD to request that the temporary drainage connections currently shown for the east leg of the SR-7 intersection are removed.
- d. Process a letter modification to the existing Minto development permit requesting the inclusion of the a portion of the west leg of the SR-7 intersection be included in the 2000-503A2 project.

4. **Pavement Marking and Signing Plans**

Greenhorne and O'Mara, Inc. will prepare additional plan sheets and/ revise the current Pavement Marking and Signing Plans as needed to conform to the proposed roadway improvements revisions/additions requested. These revisions shall be in accordance with the Manual of Uniform Traffic Control Devices and Palm Beach County Standards. The plans format and project limits shall be as previously described under this SA.

5. **Signalization Design**

The Consultant shall revise signalization plans according to comments and geometric changes requested by Palm Beach County Traffic Engineering Department. Plans shall be in FDOT format for the following intersections:

Royal Palm Beach High School Entrance: This signal shall be revised & redesigned as a mast arm signal which will include the proposed entrance to the Minto development which will form the north leg of this intersection

SR 7- Signal Plan will be totally revised to include triple left turn lanes from Northbound SR 7 onto Westbound Okeechobee Boulevard as well as dual right turn lanes for eastbound Okeechobee Boulevard. The previously revised plans will be revised again to accommodate the new intersection configuration recently recommended by Palm Beach County Traffic. All crosswalks and pedestrian features will be modified for this new geometry.

Breakers West-
Sansbury Way-
Andros Isle-
Golden Lakes Blvd-

Skees Road- Signal plans at will be revised to include the county's request to tighten up (move the stop bars, loops and crosswalks in closer to) the intersections. All pedestrian features will be revised to compliment the new intersection layout. Mast arm signals will be revised for the new geometry.

Benoist Farms Road- Signal Plan will be revised to include mast arm signal structures with appropriate shielding. Intersection will also be tightened up and the crosswalks will be revised to accommodate the new layout.

In addition, based on a more recent request the following intersections will be redesigned to provide for single left turns at Sansbury way, Benoist Farms Rd, Riverwalk Blvd and at Vista Parkway. Palm Beach County will make necessary revisions to roadway & pavement marking plans for the Vista Parkway intersection

Structural and foundation engineering for all proposed signal support systems will be the responsibility of a sub-consultant (RJ Behar & Company)

Geotechnical engineering for all revised signal layouts will be based on previous geotechnical testing. The new mast arm signal at the RPB High School will require additional testing which will be provided by a sub-consultant (Nodarse & Associates).

Subsurface utility engineering will be the responsibility of the utility owners or if authorized by the County a sub-consultant (FR Aleman & Associates).

No FDOT variances or exceptions are included in this scope of work. It is assumed that the mast arm and steel strain pole systems proposed will be acceptable to FDOT as proposed

6. **Structural Design**

Greenhorne & O'Mara, Inc. will utilize the services of a structural sub-consultant (R.J. Behar & Company) for the design of the structural signal structures required. These services will include the redesign of the signal pole structures outlined in the signalization section of this scope of work and will include the new mast arm system proposed at the RPB High School entrance.

7. **Lighting Analysis**

The Greenhorne & O'Mara will prepare a Conceptual Roadway Lighting Analysis Memorandum and Conceptual Roadway Light Pole Layout Plan as described below.

Conceptual Roadway Lighting Analysis Memorandum

The G&O will prepare a Conceptual Roadway Lighting Analysis Memorandum on the following roadway segments.

- Okeechobee Boulevard (SR 704) from the east side of S.R. 7 to just east of Jog Road
- Okeechobee Boulevard (SR 704) from just east of Jog Road to just east of Florida's Turnpike overpass bridge

The Conceptual Roadway Lighting Analysis Memorandum will contain the following Florida Power and Lighting (FP&L) lighting design criteria as previously determined by the County:

- 400 watt high pressure sodium cobra head (GE M-400) luminaire for a medium, semi-cutoff, Type III distribution and with the GE photometric curve number 35-451013
- Light poles with a mounting height of 40 feet
- Bracket arm with a 12 feet length

The Conceptual Roadway Lighting Analysis Memorandum will contain the FDOT conventional roadway lighting design criteria for a major arterial highway based on the FDOT Plans Preparation Manual. General Electric *Aladan+Plus* software will be utilized for the conceptual roadway lighting analysis.

The Conceptual Roadway Lighting Analysis Memorandum will contain light pole spacing for two new light pole lines. The two new light pole lines will consist of one pole line along the south side of the Okeechobee Boulevard and one pole line along the north side of Okeechobee Boulevard. In areas where the proximity of the existing overhead power lines is less than the minimum 10 feet horizontal clearance to a potential line of new light poles, no proposed light poles will be shown. Although there may be other areas along the project, the area along the north side of Okeechobee Boulevard from Jog Road to Vista Parkway appears to be an area where no proposed light poles will be shown due to the above mentioned minimum horizontal clearance requirement.

No existing FP&L power pole locations will be utilized for attaching a new bracket arm and new luminaire. The reason for utilizing new light pole locations (rather than new luminaries on existing FP&L power poles) is that the mounting height (available on the existing FP&L power poles) for luminaries has not been sufficient to accommodate the required luminaire. Should information (confirmed by FP&L) of the proposed luminaire mounting height on existing power poles be provided by the County, a supplement will be necessary for the extra work involved with the preparation of an additional Conceptual Roadway Lighting Analysis Memorandum (and

Conceptual Roadway Light Pole Layout Plans).

The Conceptual Roadway Lighting Analysis Memorandum will not contain any lighting analysis or simulation of the existing light system without as-built lighting plans (certified by FP&L) provided by the County. Should as-built lighting plans (certified by FP&L) be provided by the County to the Consultant, a supplement will be necessary for the extra work involved with the preparation of an additional Conceptual Roadway Lighting Analysis Memorandum and Conceptual Roadway Light Pole Layout Plans.

The Consultant will submit a draft Conceptual Roadway Lighting Analysis Memorandum to the County and FP&L for review and comments. After the Consultant has received written comments on the draft Conceptual Roadway Lighting Analysis Memorandum, the Consultant will respond in writing to the County's and FP&L's written comments and will address the County's and FP&L's comments with any necessary modifications to the draft Conceptual Roadway Lighting Analysis Memorandum. The Consultant will submit the final Conceptual Roadway Lighting Analysis Memorandum to the County and FP&L for review and approval.

Conceptual Roadway Light Pole Layout Plans

After the Consultant has received written approval of the Conceptual Roadway Lighting Analysis Memorandum, the Consultant will prepare Conceptual Roadway Light Pole Layout Plans on the following roadway segments.

- Okeechobee Boulevard (SR 704) from the east side of S.R. 7 to just east of Jog Road
- Okeechobee Boulevard (SR 704) from just east of Jog Road to just east of Florida's Turnpike overpass bridge

The Conceptual Roadway Light Pole Layout Plans shall contain the following:

- Key Sheet
- Tabulation of Quantities Sheets
- Pole Data, Legend and Criteria Sheets
- Conceptual Roadway Light Pole Layout Plan Sheets

The Tabulation of Quantities Sheets will include the number of light poles itemized along the south side (for Palm Beach County) and along the north side of the project (for the City of West Palm Beach). No pay item numbers will be included.

The Pole Data, Legend and Criteria Sheets will include the light pole number, station, pole setback, arm length, luminaire type and wattage, and mounting height for each light pole. A legend showing the graphic symbol for the light poles and a description of these light poles will be included. Conventional lighting design criteria (conforming to FDOT criteria) will be included.

The Conceptual Roadway Light Pole Layout Plans (at a scale of 1 inch equals 40 feet) will include the graphic symbol for the light poles, the light pole identification number and the station. Proposed light pole locations will be checked against the cross sections to avoid swale bottoms. No lighting circuitry, conduit, pull boxes, load centers or service points will be included. No structural engineering, no foundation engineering and no geotechnical engineering will be included. No engineering details will be included. No lighting will be included for the proposed pedestrian bridges over Florida's Turnpike.

The base plans (including roadway plans and signing and pavement marking plans) for the segment of the project (from just east of Jog Road to just east of Florida's Turnpike overpass bridge) will be supplied by the County. A disclaimer will be added to these plans stating that the Consultant will not be responsible for (a) the presence or absence of existing utility information shown on these plans, (b) topographic survey including baseline, rights of way, existing utility information and centerline of construction, and (c) the roadway, drainage, signing and pavement markings and utilities portion of the plans.

The Consultant will submit the preliminary Conceptual Roadway Light Pole Layout Plans to the County and FP&L for review and comments.

After the Consultant has received written comments on the preliminary Conceptual Roadway Light Pole Layout Plans, the Consultant will respond in writing to the County's and FP&L's written comments and will address the County's and FP&L's comments with any necessary modifications to the preliminary Conceptual Roadway Light Pole Layout Plans. The Consultant will submit the final Conceptual Roadway Light Pole Layout Plans (and the Conceptual Roadway Lighting Analysis Memorandum) for review and approval to the County, FP&L, and FDOT.

After the Consultant has received written comments on the Conceptual Roadway Light Pole Layout Plans (and the Conceptual Roadway Lighting Analysis Memorandum), the Consultant will respond in writing to the written comments from the County, FP&L, and FDOT and will address these comments with any necessary modifications to the Conceptual Roadway Light Pole Layout Plans (and the Conceptual Roadway Lighting Analysis Memorandum).

No permitting (including FDOT) will be included. It should be noted that the FDOT District Four Roadway Lighting Engineer has stated in a December 13, 2005 telephone conversation that Lighting Plans (signed and sealed by a registered professional engineer) will not be required to obtain an FDOT permit.

8. Utility Coordination

Greenhorne & O'Mara, Inc. will assist Palm Beach County in providing additional utility coordination support for the structural signal proposed. This additional support will consist of attending additional utility coordination meetings as well as direct coordination with the utility companies to address the potential relocations required. G&O will provide to Palm Beach County one set of revised plans for reproduction and distribution to each utility company.

Due the critical design requirements of needing to know where all the underground utility features are located at each of the proposed signal/sign structure foundations we have included in our proposal the services of a sub-surface utility survey company to provide the verified location of all utilities in the vicinity of the proposed structural foundations. The conditions and limitations of the sub-surface utility survey are as outlined in F.R. Aleman & Associates, Inc. proposal letter.

In addition G&O will also provide additional plans review and support services to Palm Beach County Water Utilities for incorporate proposed new sanitary force main and water main extensions within the limits of the 503A1 & 503A2 projects. These services will include the addition of as-built data provided by PBCWU and the adjustment of roadway drainage & signal equipment as possible to minimize conflicts. Services will also include the review & comment on proposed utility extension plans and attending additional utility coordination meetings with PBCWU

ESTIMATE OF ADD'L WORK EFFORT AND FEE FOR CONSTRUCTION PLANS

ESTIMATOR: Al Roth
DATE: November 3, 2006

Palm Beach County Roadway Production Division
Okeechobee Blvd (SR-704),
Supplemental Agreement No. 12

CONSULTANT: Greenhorne & O'Mara, Inc.
LENGTH: 4.0 miles

P.B.C. Proj. No.: 2000-503A1 & 503A2

TASK	PROJECT MANAGER		SENIOR ENGINEER		PROJECT ENGINEER		PROJECT DESIGNER		CADD TECHNICIAN				TOTAL		AVERAGE HOURLY RATE
	MAN HOURS	HOURLY RATE	MAN HOUR	HOURLY RATE	MAN HOUR	HOURLY RATE	MAN HOUR	HOURLY RATE	MAN HOUR	HOURLY RATE	MAN HOUR	HOURLY RATE	MANHOURS ACTIVITY	SALARY COSTS	
A. ROADWAY															
1. Roadway Design Analysis	60	\$46.20	80	\$43.00	139	\$34.65	80	\$25.40	39	\$24.25	0	\$0.00	398	\$14,006.10	\$35.19
2. Drainage Analysis	13	\$46.20	18	\$43.00	31	\$34.65	18	\$25.40	8	\$24.25	0	\$0.00	88	\$3,099.95	\$35.23
3. Roadway Plans	65	\$46.20	129	\$43.00	259	\$34.65	129	\$25.40	65	\$24.25	0	\$0.00	647	\$22,377.20	\$34.59
4. Drainage Plans	20	\$46.20	41	\$43.00	81	\$34.65	41	\$25.40	20	\$24.25	0	\$0.00	203	\$7,020.05	\$34.58
5. Traffic Control Plan (NOT INCLUDED)	0	\$46.20	0	\$43.00	0	\$34.65	0	\$25.40	0	\$24.25	0	\$0.00	0	\$0.00	\$0.00
6. Env. Services / Permits	33	\$46.20	66	\$43.00	133	\$34.65	66	\$25.40	34	\$24.25	0	\$0.00	332	\$11,471.95	\$34.55
B. SIGNALING & PAVEMENT MARKINGS	22	\$46.20	45	\$43.00	89	\$34.65	45	\$25.40	22	\$24.25	0	\$0.00	223	\$7,711.75	\$34.58
C. SIGNALIZATION	13	\$46.20	26	\$43.00	53	\$34.65	26	\$25.40	14	\$24.25	0	\$0.00	132	\$4,554.95	\$34.51
D. LIGHTING	23	\$46.20	47	\$43.00	93	\$34.65	47	\$25.40	23	\$24.25	0	\$0.00	233	\$8,057.60	\$34.58
E. UTILITIES	33	\$46.20	0	\$43.00	83	\$34.65	33	\$25.40	17	\$24.25	0	\$0.00	166	\$5,651.00	\$34.04
F. MINTO (Signal Mod & Rt Turn Lane)	7	\$46.20	14	\$43.00	29	\$34.65	14	\$25.40	8	\$24.25	0	\$0.00	72	\$2,479.85	\$34.44
TOTALS	289	\$46.20	466	\$43.00	990	\$34.65	499	\$25.40	250	\$24.25	0	\$0.00	2494	\$86,430.40	\$34.66

TOTAL CONTRACT FEE COMPUTATIONS

Total Activity Costs
a. Overhead/Fringe Benefit @ 158.10%

SUB-TOTAL (SALARY RELATED COSTS)

b. Operating Margin @ 12.0%
c. FCCM @ 1.311%

SUBTOTAL

d. Expenses (11"x17" prints)

SUB-CONSULTANT SERVICES

e. Structural Design Services (R.J. Behar & Company, Inc.)
f. Utility Location Survey (F.R. Alaman & Assoc. Inc.)
g. Geotechnical (Nodarse & Assoc.)

OPTIONAL SUB-CONSULTANT SERVICES

h. Utility Potholing Support (Brown & Phillips)
i. Parcel Sketches & Legal Descriptions (Brown & Phillips)

TOTAL LUMP SUM FEE

\$13,351.80 \$20,038.00 \$34,303.50 \$12,674.60 \$6,062.50

CHECK APPROPRIATE BLOCK
Initial Estimate:

If revised estimate, give reason for revision:
Negotiated reduced manhours with County PM

* 2.90 multiplier

✓ 6 \$500 ea \$3,000.00
✓ \$289,211.58

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PALM BEACH COUNTY PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 2 OF 17

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 1- ROADWAY DESIGN ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x17" shts	REMARKS
1. Typical Section Package (SR-7 Triple Left)	L.S.	1.0	20.0	0.0	20.0	N/A	Includes Auto-turn analysis as requested by FDOT
1A. Revised Typical Section (WB dual Rt)	L.S.	1.0	10.0	0.0	10.0	N/A	Revise approved dual right to single Rt
2. Sub-Consultant Coordination	L.S.	1.0	12.0	0.0	12.0	N/A	2 sub-consultants at 4hrs each (geotech & utility locate) Structural Sub coordination included in signalization effort
3. Geometrics (Signalized Intersections)	EA	6.0	5.0	0.0	30.0	1"=20ft	tighten intersection geometry by moving x-walks in at 6 intersections (Baywinds, Sansbury, Andros Isle, Benoist Golden Lakes and Riverwalk Blvd)
4. Geometrics (drop dual Lts)	EA	3.0	4.0	0.0	12.0	1"=20ft	Revise geometry to provide single left turn lanes at Sansbury, Benoist and Skees Rd intersections
5. Geometrics (Dual Rt WB-NB at SR-7)	L.S.	1.0	6.0	0.0	6.0	1"=20ft	Revise plan to provide dual right turn lanes WB to NB
6. Geometrics for triple lefts (NB to WB at SR-7)	L.S.	1.0	20.0	0.0	20.0	1"=20ft	Additional coordination with PBC traffic & FDOT
7. Geometrics & Concept Plan for SR-7 int.	L.S.	1.0	32.0	0.0	32.0	1"=20ft	Revise intersection geometry to provide dual EB to SB dual right turn, eliminate hot right movement onto SR-7 and delete dual Rts (WB to NB) per PBC Traffic recommendations Aug 06
8. Revise project limits for begin A2 project	L.S.	1.0	20.0	0.0	20.0	1"=20ft	Revise geometry to extend A2 project west of SR-7. Trans to tie into existing 6 lanes west of SR-7
9. Revise SR-7 Plateau design	L.S.	1.0	16.0	0.0	16.0	1"=20ft	Revise design to match new intersection config and A2 project limits
10. A1 - A2 plans split, Geometry revisions	LS	1.0	32.0	0.0	32.0	N/A	Revision required for split of 503A project into A1 & A2 phases
11. Update Quantities/Comp Book for A2	L.S.	1.0	30.0	0.0	30.0	1"=20ft	Revsie 100% complete comp book to reflect poject revisions
SUBTOTAL					240.0		

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PALM BEACH COUNTY PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 3 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 1- ROADWAY DESIGN ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x17" shts	REMARKS
12. A1 Quantity Comp Book	L.S.	1.0	60.0	0.0	60.0	1"=20ft	Separate quantity computation & Comp book for A1 project.
13. Coordination with Minto Engineer	LS	1.0	12.0	0.0	12.0	N/A	Coord. with Simmons & White regarding schedule, permitting and connection of A1 project to Minto lake system
14. Add'l Meetings w/ Rdwy Prod & Traffic	EA	8.0	4.0	0.0	32.0	N/A	project status meetings as well as individual coord meetings 1 person at 4 hours per meeting
15. Coord Meeting w/ Fillmore Engineer	LS	1.0	8.0	0.0	8.0	N/A	Misc coordination with Schafer-Fagan to properly coordinate permitting and Benois Farms Rd intersection
16. Field Review	EA	3.0	4.0	0.0	12.0	N/A	field reviews to confirm changes within roadway corridor as well as status offsite improvements (Fillmore, Minto)
17. Meetings with FDOT	EA	2.0	8.0	0.0	16.0	0.0	Add'l meetings with FDOT to coordinate design revisions at SR-7 intersection
18. Construction Cost Estimates/Updates	EA	3.0	6.0	0.0	18.0	0.0	
TOTAL					398.0		

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PALM BEACH COUNTY PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 4 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2-DRAINAGE ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x 17" shts	REMARKS
1. Drainage Report A1 project	L.S.	2.0	12.0	0.0	24.0	N/A	Condensed report. Stormwater management design by Minto engineer. Summary & Storm sewer tabs.
2. Design of Stormwater Mngmt Systems	EA	0.0	0.0	0.0	0.0	N/A	Interim report summaries for A-1 & A-2 projects Provided by Minto Engineer per agreement between developer and PBC
3. Design of Drainage Outfalls	EA	0.0	0.0	0.0	0.0	N/A	Not applicable - Connection into Minto system
4. Design of Rdwy Cross & Side Drains	L.S.	0.0	16.0	0.0	0.0	N/A	Not Included
5. Design of Storm Sewer A2 phase	L.S.	1.0	0.0	0.0	0.0	N/A	Included in SA-8
5A. Complete Storm Sewer design - A1 phase	L.S.	1.0	24.0	0.0	24.0	N/A	Revision & completion of storm sewer within A1 project
6. Design of tempory drainage at SR-7	L.S.	1.0	12.0	0.0	12.0	N/A	Design and coordination of temp drainage from Persimmon Blvd and east leg of SR-7 int.
7. Design of Stormwater Retention/Detention Facilities	EA	1.0	24.0	0.0	24.0	N/A	Calculations for Fillmore site revisions All stormwater management design within A1 project is provided by Minto development per PBC agreement
8. Flood Plain Encroachment Analysis and Mitigation Calculations	EA	0.0	0.5	0.0	0.0	N/A	N/A - Included in Minto development per agreement w/ PBC
9. Coordination meeting with Village of RPB	EA	1.0	4.0	0.0	4.0	N/A	
10	L.S.	0.0	16.0	0.0	0.0	N/A	
SUBTOTAL					88.0		

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PBC PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 5 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2- DRAINAGE ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x17"shts	REMARKS
11. Quality Control	0%	0.0	0.0	0.0	0.0	N/A	Included in Drainage Plans
12. Field Reviews	EA	0.0	8.0	0.0	0.0	N/A	2 people at 4 hours per Meeting
13	LS	0.0	24.0	0.0	0.0		
TOTAL					88.0		

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PALM BEACH COUNTY PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 6 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 3 - ROADWAY PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x17"shts	REMARKS
1A. Revise Key Map A2 project	Sheet	1.0	4.0	1.0	4.0	1" = 1mi	Revise 503A key sheet to reflect A2 limits
1B. Key Map A1 project	Sheet	1.0	4.0	1.0	4.0	1" = 1mi	New sheet for A1 project
2A. Typical Section & Notes A1 project	Sheet	2.0	6.0	2.0	12.0	N/A	1 urban(new) & 1 rural section (revised)
2B. Revise Typical Sections A2	Sheet	5.0	3.0	3.0	15.0	N/A	East & West leg of SR-7 int., SR-7 typical, west of SR-7 and dual left typical
3A. Summary of Quantities/ General Notes	Sheet	2.0	5.0	2.0	10.0	N/A	Revise A2 project
3B. Summary of Quantities/ General Notes	Sheet	2.0	12.0	2.0	24.0	N/A	New sheets for A1 project
4A. Update Roadway Plans 503A2	Sheet	8.0	3.0	8.0	24.0	1"=20ft	Update plans to reflect changed exist. conditions-new turn lane
4B. Revise Roadway Plans 503A2	Sheet	13.0	5.0	13.0	65.0	1"=20ft	5 shts SR-7 west, 6 shts for signals & 2 shts on SR-7
4C. Roadway Plans 503A1	Sheet	7.0	18.0	7.0	126.0	1"=20ft	2 new sheets (30hrs/sht) & Revise 5 sheets (12hrs/sht)
5. Roadway Profiles	Sheet	3.0	20.0	3.0	60.0	1"=20ft Horiz. 1"=2ft Vert.	Overbuild profiles thru urban typical section west of SR-7
6A. Revise Plateau Intersection Details 503A2	Sheet	2.0	6.0	2.0	12.0	N/A	Revise 100% plan to add SR-7 triple Lt & WB dual Rt
6B. Revise Plateau Intersection Details 503A2	Sheet	2.0	12.0	2.0	24.0	N/A	Revise for new int. config proposed by PBC 8/15/06
7. Back of Sidewalk Profiles	Sheet	5.0	2.0	0.0	10.0		Establish BOW alignment within rural section of A1 project show data on x-sections only
8. Intersecting Street Profiles	EA	4.0	2.0	2.0	8.0		intersecting streets within overbuild section of A1 project
9. Miscellaneous Construction Details	Sheet	1.0	24.0	1.0	24.0		Misc detail sheet for A1 project
10A. New Cross Sections in 503A1	EA	12.0	4.0	3.0	48.0		New x-sections west of RPB High School Entrance
10B. Revise 503A1 Cross Sections	EA	28.0	2.0	3.0	56.0		Revise to reflect raised median, swk & overbuild area
11A. Update 503A2 Cross-Sections	EA	45.0	0.5	10.0	22.5		Update to reflect changed field conditions
11B. Revise 503A2 Cross-Sections	EA	30.0	1.0	10.0	30.0	1"=20ft Horiz	Revise to address signalized intersection redesign
11C. Revise 503A2 Cross-Sections	EA	28.0	2.0	11.0	56.0	1"=10ft Vert	Revise to address SR-7 int. reconfig (18 - Okee & 10 -SR-7)
12. Baseline Control / Curve Data	Sheet	1.0	8.0	1.0	8.0	N/A	Baseline control for A1 project
SUBTOTAL				87.0	642.5		

HIGHWAY TASK LIST

OKEECHOBEE BLVD (SR-704)

PALM BEACH COUNTY PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 7 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 3 - ROADWAY PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x17"shts	REMARKS
13. Quality Control	0%	0.0	0.0	0.0	0.0	N/A	Included for Independent Review by Senior Design Staff and Construction Management Personnel.
14.) Prepare CADD Deliverables 503A1	LS	1.0	4.0	0.0	4.0		QA/QC CADD files and develop file structure for delivery to Palm Beach County.
TOTAL					647.0		

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

Palm Beach County PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 8 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 4 - DRAINAGE PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x17"shts	REMARKS
1A. Revise Drainage Map 503A2	Sheet	2.0	6.0	2.0	12.0	1"=200ft	1 new sheet - 1 modified sheet
1B. Drainage Maps 503A1	Sheet	2.0	12.0	2.0	24.0	1"=10ft	
2. Summary of Side Drains	Sheet	0.0	16.0	0.0	0.0	N/A	Not Required
3A. Sum of Drainage Structures 503A1	Sheet	1.0	24.0	1.0	24.0	N/A	New sheet for A1 project Revise 65% sheets for A1/A2 plans split
3B. Revise Sum of Drainage Structures A2	Sheet	2.0	10.0	1.0	20.0	N/A	
4A. Drainage Structures 503A1	EA	35.0	3.0	10.0	105.0	1"=10ft Horiz	New structures & adjust median structures from A2. Incl 5 conflicts
4A. Revise Drainage Structures 503A2	EA	12.0	1.5	6.0	18.0	1"=5ft Vert	
5. Outfall Ditch Cross-Sections	Sheet	0.0	0.0	0.0	0.0	N/A	NOT INCLUDED
6. Erosion Control Detail Sheet/NPDES	Sheet	0.0	0.0	0.0	0.0	N/A	Erosion Control details included in Roadway Plans
7. Bridge Hydraulics Recommendation Sheet	Sheet	0.0	0.0	0.0	0.0	N/A	Not Required
8. Stormwater Retention/ Detention Plans	Sheet	0.0	40.0	0.0	0.0	1"=100ft Horiz	Provided by Minto Devel for A1. Included in previous SA for A2
9. Special Drainage	Sheet	0.0	16.0	0.0	0.0	Varies	None anticipated
10. Optional Material Tabulation	Sheet	0.0	0.0	0.0	0.0	N/A	NOT INCLUDED (RCP Only)
11. Retention Area Cross Sections	EA	0.0	4.0	0.0	0.0		Not Required
SUBTOTAL				22.0	203.0		

HIGHWAY TASK LIST

OKEECHOBEE BLVD (SR-704)

PALM BEACH COUNTY PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 9 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 4-DRAINAGE PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x17" shts	REMARKS
12. Quality Control	0%	0.0	0.0	0.0	0.0		Incl'd for Independent Review by Senior Design and Construction Management Personnel
TOTAL					203.0		

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PBC PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 10 OF 19

Supplemental Agreement No. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 6 - PERMITTING

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale	REMARKS
1. Preliminary Field Review	L.S.	0.0	0.0	0.0	0.0	N/A	Incl'd in Roadway Design effort
2. Agency Coordination (Includes all Phases)	EA	8.0	4.0	0.0	32.0	N/A	1 person at 4hrs/ mtg with SFWMD, LWDD, FDOT & NPBCID for 503B & 503A1 projects 503A2 effort included in previous SA
3. Establish Wetland Jurisdictional Lines	L.S.	0.0	0.0	0.0	0.0	N/A	NOT INCLUDED - Assumes all wetlands previously identified and impacts within R/W mitigated for
4. Agency Field Review	L.S.	0.0	0.0	0.0	0.0	N/A	NOT INCLUDED Assumes no wetland impacts
5. Prepare Dredge & Fill Permits	L.S.	0.0	0.0	0.0	0.0	N/A	Assumes Dredge & Fill Application Not needed
6A. Prepare Permit Application Pkgs 503B 6A. Prepare Permit Application Pkgs 503A1	EA EA	4.0 2.0	16.0 16.0	0.0 0.0	64.0 32.0	N/A N/A	Includes Application to SFWMD, LWDD and NPBWCD and FDOT. Does not incl'd any permit coord. Outside R/W
7A. Respond to Requests for Add'l Info. 503B 7B. Respond to Requests for Add'l Info. 503A1	EA EA	4.0 3.0	20.0 20.0	0.0 0.0	80.0 60.0	N/A N/A	RFI's for FDOT, SFWMD, LWDD & NPBCID 2 Letter Mod's to SFWMD, NPBCID & Coord with Village of RPB
8. Prepare NPDES/EPA Permit Application	L.S.	0.0	0.0	0.0	0.0	N/A	Provided by Palm Beach County
9. Prepare DNR/CCL Permit Application	L.S.	0.0	0.0	0.0	0.0	N/A	Not Required
10A. Prepare WMD Letter Mod for 503A2 Permit 10B. Prepare WMD Letter Mod for Minto Permit	L.S. EA	1.0 2.0	24.0 20.0	0.0 0.0	24.0 40.0	N/A N/A	Mod to remove temp drainage for SR-7 Int Mod Minto permit to include A1 roadway improvements
11. Mitigation Coordination and Meetings	L.S.	0.0	0.0	0.0	0.0	N/A	1 letter Mod for A-1 & 1 for A-2 NOT INCLUDED

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PBC PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 11 OF 19

Supplemental Agreement No. 12

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 6 - PERMITTING

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale	REMARKS
12. Mitigation Design	L.S.	0.0	0.0	0.0	0.0	N/A	NOT INCLUDED
13. Mitigation Plans (Includes all Phases)	Sheet	0.0	0.0	0.0	0.0	N/A	NOT INCLUDED
SUBTOTAL					332.0		
14. Quality Control	0%	0.0	0.0	0.0	0.0	N/A	Included in Roadway Plan Effort
TOTAL					332.0		

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PALM BEACH COUNTY PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 12 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: B. SIGNING & PAVEMENT MARKINGS

SUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	Scale 11"x17"shts	REMARKS
1A. Key Sheet 503A1	Sheet	1.0	2.0	1.0	2.0	N/A	New sheet for A1 project
1B. Revise Key Sheet 503A2	Sheet	1.0	1.0	1.0	1.0	N/A	
2. General Notes A1 project	Sheet	1.0	4.0	1.0	4.0	N/A	New sheet for A1 project
3. Tabulation of Quantities 503A1	Sheet	1.0	20.0	0.0	20.0	N/A	
3. Revise Tabulation of Quantities 503A2	Sheet	2.0	8.0	0.0	16.0	N/A	
4A. Revise 503A2 Plan Sheets	Sheet	14.0	6.0	14.0	84.0	1"=20ft	Signalized intersection geometry changes requested by PBC 2 new sheets & revise 5 sheets
4B. 503A1 Plan sheets	Sheet	7.0	12.0	7.0	84.0	1"=20ft	
5. Guide Sign Worksheet	EA	2.0	2.0	0.0	4.0	N/A	dbt posted next signal signs
6. Overhead Sign Structure Design	Sheet	0.0	0.0	0.0	0.0	N/A	Included in previous SA
7. Multi-Post Sign Calculations	EA	2.0	2.0	0.0	4.0	N/A	Calculations to utilize FDOT standard multi post signs
8. Sign Detail Sheet	Sheet	0.0	0.0	0.0	0.0	N/A	
9. Guide Sign Cross Section	Sheet	1.0	6.0	1.0	6.0	N/A	Revised WB OH sign at SR-7 Dropping lane / Revising cross section
SUBTOTAL				23.0	223.0		
9. Quality Control	0%	0.0	0.0	0.0	0.0		NOT INCLUDED - Independent Review by Senior Design and Construction Management Personnel
TOTAL					223.0		

HIGHWAY TASK LIST
EDGEWOOD AVE (SR-111) FPID: 209451-2-32-01

HIGHWAY PAGE OF

ACTIVITY: B. SIGNING & PAVEMENT MARKINGS

SUBACTIVITY: NONE

[illegible]

ACTIVITY: C. SIGNALIZATION

SUBACTIVITY: NONE

Estimator: D. Skrelunas

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1A. Thru 1E. Coordination with subconsultants	LS	1.0	20.0		20.0		Coordination with Structural sub for mast arm designs, Coordination with Geotechnical sub for mast arm designs, Coordination with SUE sub for mast arm designs
2. Queue Analysis at all cross streets	EA	0.0	0.0		0.0		Not included
3. Intersection Analysis	EA	0.0	0.0		0.0		Not included
4. Inventory of Equipment	EA	0.0	0.0		0.0		
5. Key Sheet	Sheet	0.0	0.0		0.0		Included in Sup. Agreement #9
6A. Tabulation of Quantities	Sheet	1.0	4.0	1.0	4.0		Revise quantities for Vista Parkway Signal (503B)
6B. Thru 6E. Tabulation of Quantities	Sheet	2.0	4.0	2.0	8.0		Revise quantities since plan sheets will be revised (503A)
7. General Notes	Sheet	0.0	0.0		0.0		Included in Sup. Agreement #9
8A. Signalization Plan (1"=40')	Sheet	1.0	12.0	1.0	12.0		Revise Signal @ Vista (WBL)
8B. Signalization Plan (1"=40')	Sheet	1.0	12.0	1.0	12.0		Revise signal @ Skees (WBL)
8C. Signalization Plan (1"=40')	Sheet	1.0	12.0	1.0	12.0		Revise Signal @ Riverwalk (EBL)
8D. Signalization Plan (1"=40')	Sheet	1.0	12.0	1.0	12.0		Revise Signal @ Sansbury (WBL)
8E. Signalization Plan (1"=40')	Sheet	1.0	16.0	1.0	16.0		Revise Signal @ SR 7
8F. Signalization Plan (1"=40')	Sheet	1.0	12.0	1.0	12.0		Revise Signal @ Benoist Farms Road
8G. Signalization Plan (1"=40')	Sheet	0.0	0.0	0.0	0.0		New Mast Arm Signal at Royal Palm Beach High School
9A. Mast Arm Tabulation	EA	0.0	0.0	0.0	0.0		Revise Tab sheet for new mast arm lengths
9B. Thru 9E. Mast Arm Tabulation	EA	0.0	0.0	0.0	0.0		Revise Tab sheet for new signal positions
10. Signal Interconnect (1"=100')	Sheet	0.0	0.0	0.0	0.0		Not included
11. Loop Replacements	EA	0.0	0.0	0.0	0.0		Not included
12. Mast Arms Connection Details	Sheet	0.0	0.0		0.0		Not included
13. Revised Signalization Submittal To FDOT	L.S.	1.0	0.0	1.0	0.0		New Signals, revisions, comments, etc.

* Subtask A involves eliminating the WB dual left turn lane and providing a single left turn lane at Vista Parkway (503B)

Subtask B thru E involve work done to Skees Rd (WBL), Riverwalk Blvd (EBL), Sandsbury Way (WBL) and new mast arm at Royal Palm Beach High School Respectively (503A).

ACTIVITY: C. SIGNALIZATION

SUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
14. Traffic Monitoring Site Plan	EA	0.0	0.0	0.0	0.0		Not included
15. Traffic Monitoring Site Details	Sheet	0.0	0.0	0.0	0.0		Not included
16. Technical Special Provisions	EA	1.0	8.0	1.0	8.0		Internally Illuminated Signs Guide Sign Worksheet
SUBTOTAL				11.0	116.0		
17. Quality Control	5%	0.0	0.0	0.0	0		
18. Supervision	5%	0.0	0.0	0.0	0		
19. Field Reviews	EA	1.0	8.0	0.0	8.0		2 persons x 4 hr = 8 hours
20. Progress/Coord. Meeting	EA	1.0	8.0	0.0	8.0		2 persons x 4 hr = 8 hours
							Notes:
							1. This estimate does not include geotechnical, foundation and structural engineering.
							2. This estimate does not include subsurface utility engineering.
TOTAL					132.0	0.0	

ACTIVITY: D. LIGHTING

SUBACTIVITY: NONE

Estimator: J. Fleagle

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Lighting Justification Report	LS	1.0	0.0		0.0	0.0	Not included
2. Lighting Analysis Report	LS	1.0	50.0		50.0	0.0	Analyze mainline Okee Blvd from SR-7 to Turnpike
3. Voltage Drop Calculations	LS	1.0	0.0		0.0	0.0	NOT INCLUDED
4. Reference & Master Design Files	LS	1.0	45.0		45.0	0.0	16hrs set-up + 20hrs/mi x (3.0+0.7) miles = 90hrs
5. Lighting Key Sheet	Sheet	1.0	4.0	1.0	4.0	0.0	
6. Tabulation of Quantities	Sheet	1.0	8.0	1.0	8.0	0.0	
7. Pole Data, Legend & Criteria	Sheet	2.0	8.0	2.0	16.0	0.0	
8. Plan Sheets	Sheet	38.0	2.0	38.0	76.0	0.0	SR-7 to Turnpike
9. Coordination	LS	1.0	6.0		6.0	0.0	Coord with FDOT, PBC & FPL
10. Technical Meetings	EA	2.0	6.0		12.0	0.0	2 people at 2 meetings 3hrs/mtg
11. Field Reviews	EA	2.0	8.0		16.0	0.0	
TOTAL				42.0	233.0	0.0	

ACTIVITY: E. UTILITIES

SUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1. Initial Contact	LS	1.0	16.0		16.0	0.0	503A1 Prep plans for distribution to Utility Owners
2. 65% Plans Utility Conflict Analysis	LS	1.0	16.0		16.0	0.0	503A1 - Develop conflict and pothole request list
3. Final Plans Utility Conflict Analysis	LS	1.0	16.0		16.0	0.0	503A1 - Develop conflict and pothole request list
4. Coordinationw/ Utility Companies	EA	5.0	4.0		20.0	0.0	503A1 - 5 utility owners
5. PBCWU - As-Built Plans 503A2	LS	1.0	30.0		30.0	0.0	Review and incorporate 2 separate sets of as-built data for 30/36" FM
6. PBCWU - Final Pothole data 503A2	LS	1.0	24.0		24.0	0.0	Review and incorporate final pothole data to be provided by PBC in Sept 2006. Revise plans to minimize conflicts
7. Review Water/sewer extension plans	LS	1.0	12.0	2.0	12.0	0.0	Review and comment on preliminary and final PBCWU water and sewer extension plans - 503A1
8. Coordination w/ SUE sub-consultant	LS	1.0	8.0	40.0	8.0	0.0	Coordinate pothole data and incorp in A1 plans
9. Technical Meetings 503A2	EA	2.0	6.0		12.0	0.0	2 people at 2 meetings 3hrs/mtg
10. Utility Coordination Meetings	EA	2.0	6.0		12.0	0.0	assumes 2 meetings for 503A1 project
TOTAL				42.0	166.0		

HIGHWAY TASK LIST
OKEECHOBEE BLVD (SR-704)

PALM BEACH COUNTY PROJ. NO.: 2000-503A1 & A2

HIGHWAY PAGE 17 OF 19

SUPPLEMENTAL AGREEMENT NO. 12

ACTIVITY: F. MINTO
Estimator: D. Skrelunas

SUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
1A. Thru 1E. Coordination with subconsultants	LS	0.0	0.0		0.0		Coordination with Structural sub for mast arm designs, Coordination with Geotechnical sub for mast arm designs, Coordination with SUE sub for mast arm designs
2. Queue Analysis at all cross streets	EA	0.0	0.0		0.0		Not included
3. Intersection Analysis	EA	0.0	0.0		0.0		Not included
4. Inventory of Equipment	EA	0.0	0.0		0.0		
5. Key Sheet	Sheet	0.0	0.0		0.0		Included in Sup. Agreement #9
6A. Tabulation of Quantities	Sheet	0.0	0.0	0.0	0.0		Revise quantities for Vista Parkway Signal (503B)
6B. Thru 6E. Tabulation of Quantities	Sheet	0.0	0.0	0.0	0.0		Revise quantities since plan sheets will be revised (503A)
7. General Notes	Sheet	0.0	0.0		0.0		Included in Sup. Agreement #9
8A. Signalization Plan (1"=40')	Sheet	0.0	0.0	0.0	0.0		Revise Signal @ Vista (WBL)
8B. Signalization Plan (1"=40')	Sheet	0.0	0.0	0.0	0.0		Revise signal @ Skees (WBL)
8C. Signalization Plan (1"=40')	Sheet	0.0	0.0	0.0	0.0		Revise Signal @ Riverwalk (EBL)
8D. Signalization Plan (1"=40')	Sheet	0.0	0.0	0.0	0.0		Revise Signal @ Sansbury (WBL)
8E. Signalization Plan (1"=40')	Sheet	0.0	0.0	0.0	0.0		Revise Signal @ SR 7
8F. Signalization Plan (1"=40')	Sheet	0.0	0.0	0.0	0.0		Revise Signal @ Benolst Farms Road
8G. Signalization Plan (1"=40')	Sheet	1.0	40.0	1.0	40.0		New Mast Arm Signal at Royal Palm Beach High School
9A. Mast Arm Tabulation	EA	1.0	10.0	1.0	10.0		Revise Tab sheet for new mast arm lengths
9B. Thru 9E. Mast Arm Tabulation	EA	1.0	10.0	1.0	10.0		Revise Tab sheet for new signal positions
10. Signal Interconnect (1"=100')	Sheet	0.0	0.0	0.0	0.0		Not included
11. Add Right Turn Lane	EA	1.0	12.0	2.0	12.0		Revise Cross Sections, quantities, plan sheets, Etc.
12. Mast Arms Connection Details	Sheet	0.0	0.0		0.0		Not included
13. Revised Signalization Submittal To FDOT	L.S.	0.0	0.0	0.0	0.0		New Signals, revisions, comments, etc.

* Subtask A involves eliminating the WB dual left turn lane and providing a single left turn lane at Vista Parkway (503B)
Subtask B thru E involve work done to Skees Rd (WBL), Riverwalk Blvd (EBL), Sandsbury Way (WBL) and new mast arm at Royal Palm Beach High School Respectively (503A).

ACTIVITY: F. MINTO

SUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO. OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
14. Traffic Monitoring Site Plan	EA	0.0	0.0	0.0	0.0		Not included
15. Traffic Monitoring Site Details	Sheet	0.0	0.0	0.0	0.0		Not included
16. Technical Special Provisions	EA	0.0	0.0	0.0	0.0		Internally Illuminated Signs Guide Sign Worksheet
SUBTOTAL				5.0	72.0		
17. Quality Control	5%	0.0	0.0	0.0	0		
18. Supervision	5%	0.0	0.0	0.0	0		
19. Field Reviews	EA	0.0	0.0	0.0	0.0		2 persons x 4 hr = 8 hours
20. Progress/Coord. Meeting	EA	0.0	0.0	0.0	0.0		2 persons x 4 hr = 8 hours
							Notes: 1. This estimate does not include geotechnical, foundation and structural engineering.
							2. This estimate does not include subsurface utility engineering.
TOTAL				5.0	72.0	0.0	

MISCELLANEOUS OUT-OF-POCKET EXPENSES

Sheet: 19 of 19
Date: 11/03/06

Project Description: Okeechobee Blvd (SA-12)

From: Wildcat Way

To: Fla Turnpike

PBC Project No. 2000-503A1 & A2

Supplemental Agreement No 12

PHOTOGRAPHY

Fairchild Uncontrolled Aerial Mylar Sheets for Cor	0	sheets	x	\$0.00	per sht =	\$0.00
Original R/W Map Mylar Sheets:	0	sheets	x	\$0.00	per sht =	\$0.00
Ground Photography:	0	rolls (24 Exp)	x	\$19.40	per roll =	\$0.00
Scanned Photograph Sheets:	0	sheets	x	\$0.00	per sht =	\$0.00
Color Infrared Photography:	0	frames	x	\$0.00	per sht =	\$0.00

PHOTOGRAPHY TOTALS: \$0.00

REPRODUCTION

ROADWAY PLANS

Permit Plans (8 sets):	0	0	600
Phase I Plans(0 sets):	0	0	0
Phase II Plans(4 sets):	0	0	200
Phase III Plans(0 sets):	0	0	0
Phase IV Plans(4 sets):	0	0	200
Final Plans(30 sets):	0	300	1200
Utility Contacts(12 sets):	0	0	600
Lighting Plans:	0	0	300
Working Copies (40%):	0	0	1240

RW MAPPING

30% Maps	0	0	0
60% Maps	0	0	0
90% Maps	0	0	0
100% Maps	0	0	0

WORKING COPIES

UNIT TOTALS:	0	300	4340
UNIT COSTS:	\$15.00	\$1.00	\$0.16
TOTAL COSTS:	\$0.00	\$300.00	\$694.40

Public Involve Handouts	0	0	0
ENGRG REPORTS			
Pavement Design Report	0	0	0
Typical Section/Variances	0	0	0
RRR Report (15 copies):	0	0	0
Drainage Report	0	0	0
Comp. Book (12 copies)	0	0	0
Design Documentation :	0	0	0

ENVIR REPORTS

Permit Applications:	0	0	0
Permit Sketches:	0	0	0
Contamination Report:	0	0	0
Biological Assess:	0	0	0
Others:	0	0	0

UNIT TOTALS:	0	0	0
UNIT COSTS:	\$0.00	\$0.05	\$0.06
TOTAL COSTS:	\$0.00	\$0.00	\$0.00

REPRODUCTION TOTALS: \$994.40

TRAVEL EXPENSES

To: <u> </u>					FROM: <u> </u>					Use of Office for Training	
Per Diem:	<u> 0 </u>	trips x	<u> 0 </u>	people	x	<u> 0 </u>	days/trip x	<u> \$0.00 </u>	per day =	<u> \$0.00 </u>	
Personal Vehicle:	<u> 0 </u>	trips x	<u> 20 </u>	miles	x	<u> \$0.29 </u>	per mile	=	<u> \$0.00 </u>		

Total Trip Cost:					Per Diem: (Max Office Meeting)					
Per Diem:	0	trips x	0	people	x	0	days/trip x	\$0.00	per day =	\$0.00
Personal Vehicle:	0	trips x	15	0	x	\$0.29	per mile		=	\$0.00

TOTAL TRAVEL EXPENSES: \$0.00

MONTHLY SHIPPING COSTS

Shipping & Telephone Costs: 0 months x \$25.00 = \$0.00

MISCELLANEOUS PUBLIC INVOLVEMENT COSTS

Public Advertisement:	0	days	\$0.00	per day (2"x6.5")	=	\$0.00
Postage	0	each x	\$0.34		=	\$0.00
Facility Rental:	0	days	\$0.00	per day	=	\$0.00
Court Report:	0	hrs	\$0.00	per hour	=	\$0.00

TOTAL MISC. PUBLIC INVOLVEMENT COSTS: \$0.00

TOTAL OUT-OF-POCKET EXPENSES: \$994.40

EXHIBIT "B"

Exhibit C

PROJECT: Okeechobee Blvd., West of SR 7 to E. of Jog Rd.

PROJECT #: 2000503

CONSULTANT: Greenhorne & O'Mara, 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

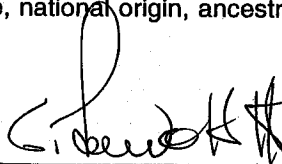
By entering into this Agreement the **CONSULTANT** warrants that they have not employed or retained any company or person other than a bonafide employee working solely for the **CONSULTANT** to solicit or secure this Agreement and that they have not paid or agreed to pay any person, company, corporation, 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, or sexual orientation.



A. Lee Watts, III, PE
Vice President

EXHIBIT "C"

01/19/2007

PARTICIPATION FOR MWBE/SBE CONSULTANTS **Supplement Number 12**

Project Name: Okechobee Blvd. from West of State Rd. 7 toProject No.: 2000503Prime Consultant: Greenhorne & O'Mara, Inc.

Prime Contact Person:

Telephone No.: (561) 686-7707Resolution Date: 10/31/2000Res #: R2000-1737Supplement date: 03/13/2007Department: 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
Brown & Phillips, Inc. 901 NORTHPOINT PKY STE 305 WEST PALM BEACH, FL 33407 (561) 615-3988	Surveyor	MWBE	0.00	0.00	0.00	0.00	
		SBE	3,000.00	0.00	0.00	0.00	0.00
F.R. Aleman & Associates, Inc. 10305 NW 41ST ST STE 200 MIAMI, FL 33178 (305) 591-8777	Utility	MWBE	0.00	12,750.00	0.00	0.00	
		SBE	0.00	0.00	0.00	0.00	0.00
Nodarse & Associates, Inc. 2448 METROCENTRE BLVD WEST PALM BEACH, FL 33407 (561) 616-0870	Geotechnical	MWBE	0.00	0.00	0.00	6,532.00	
		SBE	0.00	0.00	0.00	0.00	0.00
R.J. Behar & Company, Inc. 12008 SOUTHSORE BLVD STE 207 WELLINGTON, FL 33414 (561) 383-5588	Design	MWBE	0.00	0.00	0.00	0.00	
		SBE	0.00	14,956.00	0.00	0.00	0.00
		Total MWBE	0.00	12,750.00	0.00	6,532.00	
		%		4.40		2.25	
		Total SBE	3,000.00	14,956.00	0.00	0.00	0.00
		%	1.03	5.17			

Total Supplement Amount: **289,211.58**

Exhibit c

Page 1

EXHIBIT "D"

**LETTER OF INTENT TO PERFORM AS AN
SBE, M/WBE AND/OR SUB-CONSULTANT**

TO: Greenhorne & O'Mara, Inc.
(NAME OF PRIME CONSULTANT)

3223 Commerce Place, Suite 100, West Palm Beach, Florida 33407

(ADDRESS)

Note: If Prime is an SBE or M/WBE, address Letter of Intent to "Palm Beach County."

CONTACT PERSON & TITLE:

FROM: Brown & Phillips, Inc.

SUB-CONSULTANT (Prime if SBE or M/WBE)

901 Northpoint Parkway, Suite 305, West Palm Beach, Florida 33407

(ADDRESS)

561-615-3988

(TELEPHONE No.)

561-615-3986

(FAX No.)

CONTACT PERSON: Anthony Brown, P.L.S.

TITLE: Principal

EMAIL: Tony@brown-phillips.com

The undersigned intend to perform work in connection with the above project as (check one):

an individual ☒ a corporation ☐ a partnership ☐ a joint venture

B. PALM BEACH COUNTY CERTIFIED SBE OR M/WBE *: ☒ YES ☐ NO If YES, Check all that apply:

* MBE: ☐ BL ☐ H ☐ WBE ☐ O(Other)

* SBE: ☒ BL ☐ H ☐ WBE ☐ O(Other) ☐ White Male

* ATTACH APPLICABLE COPY OF NOTICE OF PALM BEACH COUNTY SBE OR M/WBE CERTIFICATION

The undersigned is prepared to perform the following described work in connection with the project (specify in detail, particular work items or parts thereof to be performed by the sub-consultant) or Prime if SBE or M/WBE:

1. Activity Provided: Surveying Services

2. ** SUB-CONSULTANT'S "TOTAL PARTICIPATION" FOR THIS PROJECT: 1.03%

NOTE: Line 2 shall be the ACTUAL % of Total Project, NOT 100%.

The undersigned will enter into a formal agreement for the described work with the above-named prime consultant upon an executed agreement with Palm Beach County.

** Prime's information if an SBE or M/WBE.

Project: Okeechobee Boulevard - West of S.R. 7 to East of Jog Road

Project No.: 2000503

Brown & Phillips, Inc.

NAME OF SUB-CONSULTANT FIRM (PRIME if SBE or M/WBE)

Anthony Brown, CEO

(PRINT - NAME & TITLE OF AUTHORIZED REPRESENTATIVE)

BY: Anthony Brown

(SIGNATURE OF AUTHORIZED REPRESENTATIVE)

1/26/07
(DATE)

**LETTER OF INTENT TO PERFORM AS AN
SBE, M/WBE AND/OR SUB-CONSULTANT**

TO: Greenhorne & O'Mara, Inc.

(NAME OF PRIME CONSULTANT)

3223 Commerce Place, Suite 100, West Palm Beach, Florida 33407

(ADDRESS)

Note: If Prime is an SBE or M/WBE, address Letter of Intent to "Palm Beach County."

CONTACT PERSON & TITLE:

FROM: F. R. Aleman & Associates, Inc.

SUB-CONSULTANT (Prime if SBE or M/WBE)

10305 N.W. 41st Street, Suite 200, Miami, Florida 33178

(ADDRESS)

305-591-8777

(TELEPHONE No.)

305-599-8749

(FAX No.)

CONTACT PERSON: Frank R. Aleman, P.E.TITLE: PresidentEMAIL: fraleman@fr-aleman.com

The undersigned intend to perform work in connection with the above project as (check one):
 _____ an individual ☒ a corporation _____ a partnership _____ a joint venture

B. PALM BEACH COUNTY CERTIFIED SBE OR M/WBE * : ☒ YES _____ NO *If YES, Check all that apply:** MBE: ☐ BL ☒ H ☐ WBE ☐ O(Other)* SBE: ☐ BL ☐ H ☐ WBE ☐ O(Other) ☐ White Male

* ATTACH APPLICABLE COPY OF NOTICE OF PALM BEACH COUNTY SBE OR M/WBE CERTIFICATION

The undersigned is prepared to perform the following described work in connection with the project (specify in detail, particular work items or parts thereof to be performed by the sub-consultant) or Prime if SBE or M/WBE:

1. Activity Provided: Utility Location Surveying Services2. ** SUB-CONSULTANT'S "TOTAL PARTICIPATION" FOR THIS PROJECT: 4.40%*NOTE: Line 2 shall be the ACTUAL % of Total Project, NOT 100%.*

The undersigned will enter into a formal agreement for the described work with the above-named prime consultant upon an executed agreement with Palm Beach County.

** Prime's information if an SBE or M/WBE.

Project: Okeechobee Boulevard - West of S.R. 7 to East of Jog RoadProject No.: 2000503F.R. Aleman & Associates, Inc.

NAME OF SUB-CONSULTANT FIRM (PRIME if SBE or M/WBE)

Frank R. Aleman, P.E. / President

(PRINT - NAME & TITLE OF AUTHORIZED REPRESENTATIVE)

BY: F. R. Aleman

(SIGNATURE OF AUTHORIZED REPRESENTATIVE)

2/1/07

(DATE)

**LETTER OF INTENT TO PERFORM AS AN
SBE, M/WBE AND/OR SUB-CONSULTANT**

TO: Greenhorne & O'Mara, Inc.

(NAME OF PRIME CONSULTANT)

3223 Commerce Place, Suite 100, West Palm Beach, Florida 33407

(ADDRESS)

Note: If Prime is an SBE or M/WBE, address Letter of Intent to "Palm Beach County."

CONTACT PERSON & TITLE:

FROM: Nodarse & Associates

SUB-CONSULTANT (Prime if SBE or M/WBE)

2448 Metrocentre Boulevard, West Palm Beach, Florida 33407

(ADDRESS)

561-616-0870

(TELEPHONE No.)

561-616-0871

(FAX No.)

CONTACT PERSON: Fouad S. Masri, P.E.,

TITLE: Sr. Vice President

EMAIL: fouadm@nodarse.com

The undersigned intend to perform work in connection with the above project as (check one):

an individual ☒ a corporation ☐ a partnership ☐ a joint venture

B. PALM BEACH COUNTY CERTIFIED SBE OR M/WBE * : ☒ YES ☐ NO *If YES, Check all that apply:*

* MBE: ☐ BL ☐ H ☒ WBE ☐ O(Other)

* SBE: ☐ BL ☐ H ☐ WBE ☐ O(Other) ☐ White Male

* ATTACH APPLICABLE COPY OF NOTICE OF PALM BEACH COUNTY SBE OR M/WBE CERTIFICATION

The undersigned is prepared to perform the following described work in connection with the project (specify in detail, particular work items or parts thereof to be performed by the sub-consultant) or Prime if SBE or M/WBE:

1. Activity Provided: Geotechnical Services

2. ** SUB-CONSULTANT'S "TOTAL PARTICIPATION" FOR THIS PROJECT: 2.25%

NOTE: Line 2 shall be the ACTUAL % of Total Project, NOT 100%.

The undersigned will enter into a formal agreement for the described work with the above-named prime consultant upon an executed agreement with Palm Beach County.

** Prime's information if an SBE or M/WBE:

Project: Okeechobee Boulevard – West of S.R. 7 to East of Jog Road

Project No.: 2000503

NODARSE & ASSOCIATES, INC.

NAME OF SUB-CONSULTANT FIRM (PRIME if SBE or M/WBE)

Fouad S. Masri, P.E., Senior Vice President

(PRINT - NAME & TITLE OF AUTHORIZED REPRESENTATIVE)

BY: 

01/25/07

(SIGNATURE OF AUTHORIZED REPRESENTATIVE)

(DATE)


Florida Statewide & Inter-Local Certification



Florida Department of Management Services
Office of Supplier Diversity

Nodarse & Associates, Inc.

is certified as a Minority Business Enterprise
under the provisions of Chapter 287, Florida Statutes and Inter-Local Agreement,
for a one year period from September 21, 2006 to September 21, 2007.



Director

**LETTER OF INTENT TO PERFORM AS AN
SBE, M/WBE AND/OR SUB-CONSULTANT**

TO: Greenhorne & O'Mara, Inc.
(NAME OF PRIME CONSULTANT)

3223 Commerce Place, Suite 100, West Palm Beach, Florida 33407

(ADDRESS)

Note: If Prime is an SBE or M/WBE, address Letter of Intent to "Palm Beach County."

CONTACT PERSON & TITLE:

FROM: R. J. Behar & Company, Inc.
SUB-CONSULTANT (Prime if SBE or M/WBE)

12008 South Shore Boulevard, Suite 207, Wellington, Florida 33414
(ADDRESS)

561-383-5588

(TELEPHONE No.)

561-383-5444

(FAX No.)

CONTACT PERSON: Jerry Piccolo, P.E.

TITLE: Structures Department Manager EMAIL: zpiccolo@bellsouth.net

The undersigned intend to perform work in connection with the above project as (check one):
an individual X a corporation _____ a partnership _____ a joint venture

B. PALM BEACH COUNTY CERTIFIED SBE OR M/WBE *: X YES _____ NO *If YES, Check all that apply:*

* MBE: _____ BL _____ H _____ WBE _____ O(Other)

* SBE: _____ BL X H _____ WBE _____ O(Other) _____ White Male

* ATTACH APPLICABLE COPY OF NOTICE OF PALM BEACH COUNTY SBE OR M/WBE CERTIFICATION

The undersigned is prepared to perform the following described work in connection with the project (specify in detail, particular work items or parts thereof to be performed by the sub-consultant) or Prime if SBE or M/WBE:

1. Activity Provided: Structural Services

2. ** SUB-CONSULTANT'S "TOTAL PARTICIPATION" FOR THIS PROJECT: 5.17%

NOTE: Line 2 shall be the ACTUAL % of Total Project, NOT 100%.

The undersigned will enter into a formal agreement for the described work with the above-named prime consultant upon an executed agreement with Palm Beach County.

** Prime's information if an SBE or M/WBE

Project: Okeechobee Boulevard - West of S.R. 7 to East of Jog Road

Project No.: 2000503

R.J. Behar & Co. Inc.
NAME OF SUB-CONSULTANT FIRM (PRIME if SBE or M/WBE)

Jerry Piccolo (Structures Dept. Manager)
(PRINT - NAME & TITLE OF AUTHORIZED REPRESENTATIVE)

BY:

Jerry Piccolo
(SIGNATURE OF AUTHORIZED REPRESENTATIVE)

2/1/07
(DATE)

MEMORANDUM OF INSURANCE--
ARCHITECTS/ENGINEERS
PROFESSIONAL AND POLLUTION
INCIDENT LIABILITY

ARCHITECTS/ENGINEERS PROFESSIONAL
AND POLLUTION INCIDENT LIABILITY
POLICY
LLOYD'S OF LONDON

To:

PALM BEACH COUNTY
ENGINEERING/PUBLIC WORKS
2300 N. JOG ROAD
WEST PALM BEACH, FL 33411

RE: PROJECT #188827

As set forth below, the named insured has in force, on the date indicated, a policy of Architects/Engineers Professional And Pollution Incident Liability insurance issued by Lloyd's of London, with a limit of liability of not less than the amount indicated.

Name of Insured:

GREENHORNE & O'MARA, INC.

Address of Insured:

6110 FROST PLACE
LAUREL, MD 20707

Policy Number:

LDUSA 0600450

Retroactive Coverage

The policy provides fully retroactive coverage.

This memorandum is issued as a matter of information only and confers no rights upon the holder. By its issuance, it does not alter, change, modify or extend the provisions of said policy and does not waive any rights thereunder.

Policy Period:

5/25/2006 TO 5/25/2007

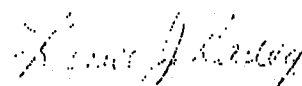
Limit Of Liability - Per Claim:

\$1,000,000.00

Limit of Liability - Annual Aggregate:

\$1,000,000.00

AMES & GOUGH
INSURANCE/RISK MANAGEMENT, INC.



Frances J. Railey, CPCU
February 5, 2007

#15260

ACORD <small>TM</small> CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 01/30/2007 12:34												
PRODUCER Riggs, Counselman, Michaels & Downes 555 Fairmount Avenue Towson, MD 21286-5497 410-339-7263		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 Greenhome & O'Mara, Inc. 6110 Frost Place Laurel, MD 20707		<table border="1"> <tr> <th>INSURERS AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: CNA Insurance Companies</td> <td></td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> </table>	INSURERS AFFORDING COVERAGE	NAIC #	INSURER A: CNA Insurance Companies		INSURER B:		INSURER C:		INSURER D:		INSURER E:	
INSURERS AFFORDING COVERAGE	NAIC #													
INSURER A: CNA Insurance Companies														
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	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A		GENERAL LIABILITY	C282691457	7/15/2006	7/15/2007	EACH OCCURRENCE \$ 1,000,000
		<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
		<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ 5,000
						PERSONAL & ADV INJURY \$ 1,000,000
		GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE \$ 2,000,000
		<input type="checkbox"/> POLICY <input type="checkbox"/> PRO- PERT <input type="checkbox"/> LOG				PRODUCTS - COMP/OP AGG \$ 2,000,000
A		AUTOMOBILE LIABILITY	C2082691491	7/15/2006	7/15/2007	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
		<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$
		<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
		<input type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$
		<input type="checkbox"/> HIRED AUTOS				
		<input type="checkbox"/> NON-OWNED AUTOS				
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT \$
		<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC \$
		<input type="checkbox"/> EXCESS/UMBRELLA LIABILITY				AGG \$
		<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				EACH OCCURRENCE \$
		<input type="checkbox"/> DEDUCTIBLE				AGGREGATE \$
		<input type="checkbox"/> RETENTION \$				\$
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	WC283751204	7/15/2006	7/15/2007	NO STATUTORY LIMITS <input type="checkbox"/> OTHER <input type="checkbox"/>
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT \$ 500,000
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE \$ 500,000
		OTHER				E.L. DISEASE - POLICY LIMIT \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
 RE: OKEECHOBEE BLVD/WEST OF S.R. 7 TO EAST OF JOG ROAD (PROJ# 2000503)
 Palm beach County Board of County Commissioners, a political subdivision of the State of Florida, its officers, employees and agents are additional insureds under General Liability

CERTIFICATE HOLDER

PALM BEACH COUNTY ENGINEERING/PUBLIC WORKS

2300 N. Jog Road

W. PALM BEACH, FL 33411

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

Ally R. Counselman

IMPORTANT

If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

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).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.



G-17957-G
(Ed. 01/01)

IMPORTANT: THIS ENDORSEMENT CONTAINS DUTIES THAT APPLY TO THE ADDITIONAL INSURED IN THE EVENT OF OCCURRENCE, OFFENSE, CLAIM OR SUIT. SEE PARAGRAPH C.1. OF THIS ENDORSEMENT FOR THESE DUTIES.

ALSO, THIS ENDORSEMENT CHANGES THE CONTRACTUAL LIABILITY COVERAGE WITH RESPECTS TO THE "BODILY INJURY" OR "PROPERTY DAMAGE" ARISING OUT OF THE "PRODUCTS-COMPLETED OPERATIONS HAZARD". SEE PARAGRAPH B.3. OF THIS ENDORSEMENT FOR THIS COVERAGE CHANGE.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.
CONTRACTOR'S SCHEDULED AND BLANKET ADDITIONAL INSURED
ENDORSEMENT WITH LIMITED PRODUCTS-COMPLETED OPERATIONS
COVERAGE

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

Designated Project:

(Coverage under this endorsement is not affected by an entry or lack of entry in the Schedule above.)

A. WHO IS AN INSURED (Section II) is amended to include as an insured any person or organization, including any person or organization shown in the schedule above, (called additional insured) whom you are required to add as an additional insured on this policy under a written contract or written agreement; but the written contract or written agreement must be:

1. Currently in effect or becoming effective during the term of this policy; and
2. Executed prior to the "bodily injury," "property damage," or "personal and advertising injury".

B. The insurance provided to the additional insured is limited as follows:

1. That person or organization is an additional insured solely for liability due to your negligence specifically resulting from "your work" for the additional insured which is the subject of the written contract or written agreement. No coverage applies to liability resulting from the sole negligence of the additional insured.

2. The Limits of Insurance applicable to the additional insured are those specified in the written contract or written agreement or in the Declarations of this policy, whichever is less. These Limits of Insurance are inclusive of, and not in addition to, the Limits of Insurance shown in the Declarations.

3. The coverage provided to the additional insured by this endorsement and paragraph 1. of the definition of "insured contract" under DEFINITIONS (Section V) do not apply to "bodily injury" or "property damage" arising out of the "products-completed operations hazard" unless required by the written contract or written agreement. When coverage does apply to "bodily injury" or "property damage" arising out of the "products-completed operations hazard" such coverage will not apply beyond:

- a. The period of time required by the written contract or written agreement; or

- b. 5 years from the completion of "your work" on the project which is the subject of the written contract or written agreement,

whichever is less.

- 4. The insurance provided to the additional insured does not apply to "bodily injury," "property damage," or "personal and advertising injury" arising out of an architect's, engineer's, or surveyor's rendering of or failure to render any professional services including:

- a. The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
- b. Supervisory, or inspection activities performed as part of any related architectural or engineering activities.

- C. As respects the coverage provided under this endorsement, **SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS** are amended as follows:

- 1. The following is added to the Duties In The Event of Occurrence, Offer, Claim or Suit Condition:

- a. An additional insured under this endorsement will as soon as practicable:

- (1) Give written notice of an occurrence or an offense to us which may result in a claim or "suit" under this insurance;

- (2) Tender the defense and indemnity of any claim or "suit" to any other insurer which also has insurance for a loss we cover under this Coverage Part; and

- (3) Agree to make available any other insurance which the additional insured has for a loss we cover under this Coverage Part.

- f. We have no duty to defend or indemnify an additional insured under this endorsement until we receive written notice of a claim or "suit" from the additional insured.

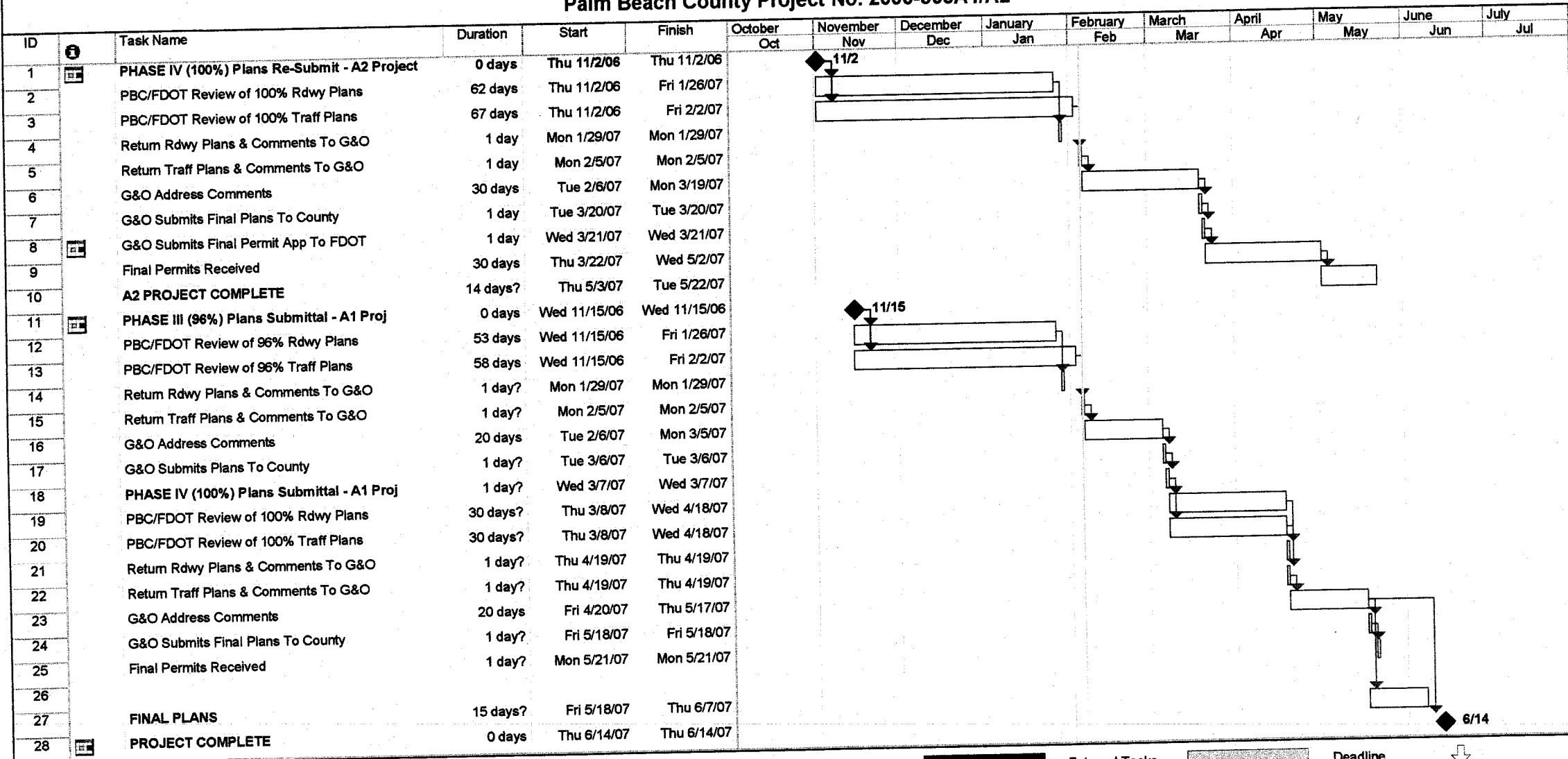
- 2. Paragraph 4.b. of the Other Insurance Condition is deleted and replaced with the following:

4. Other Insurance

b. Excess Insurance

This insurance is excess over any other insurance naming the additional insured as an insured whether primary, excess, contingent or on any other basis unless a written contract or written agreement specifically requires that this insurance be either primary or primary and noncontributing.

OKEECHOBEE BLVD (A1 & A2 Projects)
Palm Beach County Project No. 2000-503A1/A2



G&O Job No. 188827.RDW.2374
Date: Mon 2/5/07

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline