# Agenda Item #: 3-C-5

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

Meeting Date:	October 6, 2009	[x]	Consent	[]	Regular
Department:		[]	Workshop	[]	Public Hearing
Submitted By: Submitted For:	Engineering & Pu Roadway Product			ent	

### I. EXECUTIVE BRIEF

### Motion and Title: Staff recommends motion to approve:

- A) A Budget Transfer of \$707,865 in the Road Impact Fees Zone 1 Fund from Reserves to the Central Boulevard and Indiantown Road Intersection for developer contributions received in FY 2008; and
- **B)** Supplemental Agreement No. 4 to Project Number 2006501 under Agreement R2006-1863 in the amount of \$227,090.17 with HSQ Group, Inc. for professional services.

**SUMMARY:** Approval of the Budget Transfer and Supplemental Agreement will provide the services necessary for the preparation of design plans and construction bid documents for the intersection of Central Boulevard and Indiantown Road.

### District 1 (PK)

**Background and Justification:** On September 12, 2006, the Board of County Commissioners (Board) approved Agreement R2006-1863 with HSQ Group, Inc. (HSQ) to provide professional services required to prepare design plans and construction bid documents for the Central Boulevard from Indiantown Road to Longshore Drive project. Palm Beach County now desires HSQ to prepare roadway construction plans for the intersection of Central Boulevard and Indiantown Road, for the project, as detailed in Exhibit "A" of the attached Supplemental Agreement. (Continued on page 3).

### Attachments:

- 1. Location Map
- 2. Supplemental Agreement with Exhibits and Certificate of Insurance (2)
- 3. Project Work Schedule
- 4. Budget Transfer

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Recommended by:	Imilio AT	- irmander	3/24/05	- Mar
9	Division Director		Date	
Approved By:	T. W.M.	9	9/9/09	
)	<b>County Engineer</b>		Date	

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### II. FISCAL IMPACT ANALYSIS

# A. Five Year Summary of Fiscal Impact:

Fiscal Years	2010	2011	2012	2013	2014
Capital Expenditures	\$227,090	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
	\$227,090	-0-	<u>-0-</u>		<u>-0-</u>
# ADDITIONAL FTE					
POSITIONS (Cumulative)					
Is Item Included in Current Budget Acct No.: Fund	_Dept	Yes _UnitO	bject	No <u>X.</u>	
Prog	ram				

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

Road Impact Fee Fund - Zone 1 Developer Contributions Central Blvd/Indiantown Rd to Longshore Dr

Authorization	-	Basic Services	\$149,557.65
	-	Reimbursables	\$ 17,995.30
	-	Optional Services	\$ 59,537.22
Fiscal Impact			\$227,090.17

Fiscal impact reflects contract supplement only. A budget transfer of \$707,865 is included to transfer developer contributions received in FY 2008 which were swept to reserves at the end of FY 2008 instead of allocated to the project.

C. Departmental Fiscal Review: \_\_\_\_\_ Qfwillhite\_\_\_\_\_

III. REVIEW COMMENTS

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

na 9-11-09 OFMB abu Approved as to Form Β.

and Legal Sufficiency:

Assistant County Attorn'ey

C. Other Department Review:

Contract Dev. and Control E. Jones 9/16/09

This item complies with current County policies.

**Department Director** 

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

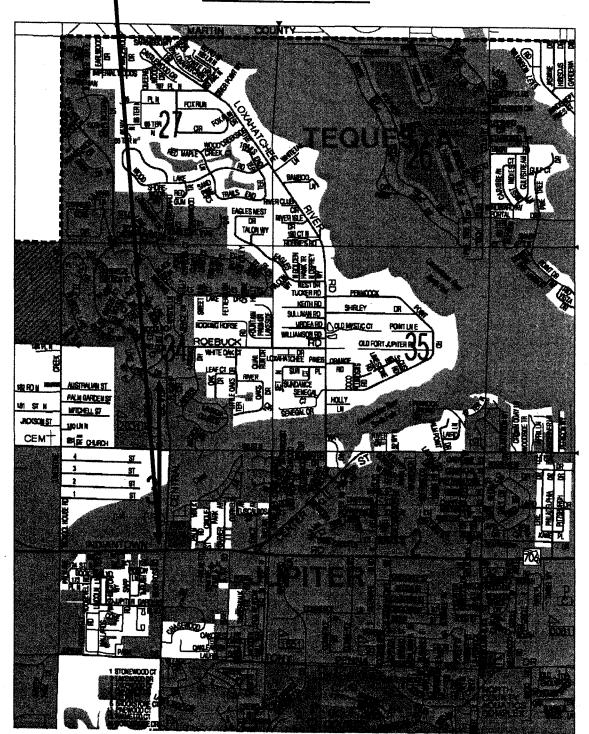
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# Background and Justification: (Continued from page 1).

The Small Business Enterprise (SBE) goal for the project is 15%. The SBE participation committed for this supplement by HSQ is 82.33%. 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)	\$149,557.65	(Roadway Design, Utilities, Signing And
Reimbursable Expenses (Not to Exceed)	\$ 17,995.30	Pavement Marking Plans). (Survey, Utility Location, Geotechnical, Permit Fees
Optional Services (Not to Exceed)	<u>\$ 59,537.22</u>	and Reprographics). (Environmental, Certified Public Accountant, Market
Total:	<u>\$ 227,090.17</u>	Analysis and Appraisal Services).

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



# CENTRAL BLVD. FROM INDIANTOWN RD. TO LONGSHORE BLVD. PROJECT NO. 2006501

### LOCATION MAP

E:\ROADWAY\CCNA\2006\2006501\PROJECT\Supp4\LOCATION MAP.doc

### **ATTACHMENT 2**

# SUPPLEMENTAL AGREEMENT BETWEEN

### PALM BEACH COUNTY AND HSQ GROUP, INC.

# FOR PROFESSIONAL ENGINEERING SERVICES ON

### CENTRAL BOULEVARD INDIANTOWN ROAD TO LONGSHORE DRIVE

### PROJECT #: 2006501 PALM BEACH COUNTY, FLORIDA

THIS SUPPLEMENTAL AGREEMENT No. 4, made and entered into this day of 2009 by and between Palm Beach County, hereinafter COUNTY, and, HSQ Group, Inc., a Florida Corporation with an address of 1489 W. Palmetto Park Road, Suite 340, Boca Raton, Florida 33486, hereinafter CONSULTANT. WITNESSETH

WHEREAS, the COUNTY and CONSULTANT entered into a Project Agreement dated September 12, 2006 (R2006-1863), to provide professional engineering services for the design of Central Boulevard from Indiantown Road to Longshore Drive, Palm Beach County, Florida (hereinafter PROJECT); and.

WHEREAS, the COUNTY now desires for the CONSULTANT to prepare design plans and construction bid documents for the intersection of Central Boulevard and Indiantown Road for the PROJECT; and

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

### RE: CENTRAL BOULEVARD FROM INDIANTOWN ROAD TO LONGSHORE DRIVE Project No. 2006501

Basic Services in a lump sum fee of \$149,557.65;

Reimbursable Services (Not to Exceed) \$17,995.30

Optional Services (Not to Exceed) \$59,537.22

Totaling \$227,090.17

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 & FEE".
- 2. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in Exhibit "B" of the Agreement.
- The CONSULTANT agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "C" of the Agreement.
- The CONSULTANT has provided 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 Two Hundred Twenty-Seven Thousand Ninety Dollars and Seventeen Cents (\$227,090.17).
- 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 **September 12, 2006 (R2006-1863)**, and;

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

RE: CENTRAL BOULEVARD FROM INDIANTOWN ROAD TO LONGSHORE DRIVE Project No. 2006501

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

OWNER:

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

BOARD OF COUNTY COMMISSIONERS

BY:

John F. Koons, Chairman

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

BY:

**Deputy Clerk** 

BY: Nour Shehadeh, P.E.

Vice President

CORPORATE SEAL



WITNESS:

BY

CONSULTANT:

HSQ Group, Inc.

a Florida Corporation

BY:\_\_\_\_\_

(Printed Name)

APPROVED AS TO TERMS AND CONDITIONS:

SEAL

BY:27 **Department Head** 

APPROVED AS TO FORM & LEGAL SUFFICIENCY:

(Printed Name)

County Attorney

F:\ROADWAY\CCNA\2006\2006501\PROJECT\Supp3\Standard Supplemental Agreement.doc

# EXHIBIT "A"

### RECEIVED MAR 1 9 2009 SCOPE OF SERVICES FOR SUPPLEMENTAL #3 #4 CENTRAL BLVD. Indiantown Rd. to Longshore Drive

### COUNTY PROJECT NO. 2006501

# CENTRAL BLVD / INDIANTOWN ROAD INTERSECTION

### **PROJECT LIMITS**

- Central Blvd (from Indiantown Road to 1200' south of Indiantown Road)
- Indiantown Road (400' east and 400' west of the centerline of Central Blvd)

### PROJECT DESCRIPTION

Services shall include preparation of complete roadway construction plans for the intersection within the limits as shown above. It also includes drainage, pavement markings, permitting and coordination with utilities and permitting agencies. Plans will be prepared in accordance with FDOT and AASHTO standard design criteria and the latest standards of Palm Beach County as described in the Thoroughfare Roadway Design Procedures.

HSQ Group Inc., will provide all basic services listed below and will utilize sub consultants for some of the serviced identified below.

#### 1. **BASIC SERVICES**

#### Roadway Design (Roadway design will follow right of way services and 1.1 selection design alternative)

Roadway plans will be prepared in accordance with the approved Master Plan for the intersection. The list of plans to be modified / added for the intersection will be as follows:

- Modify the cover sheet.
- Modify general notes as needed.
- One typical section sheet
- Two additional Drainage maps. One for Indiantown Rd and one for Central Blvd south of Indiantown Road.
- One Control Survey sheet.
- One baseline survey control.
- Modify the roadway soil survey sheet.
- Additional Auger boring sheet.
- Three plan/profile sheets for Indiantown Road (one centered at the
- intersection and one sheet east and one sheet west of the intersection. Also three sheets for Central Blvd.
- Two sheets for the plateau of the intersection (if the limits of the plateau can fit on one sheet, then one will be used)
- Estimated number of cross sections needed is 24.

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Estimated number of drainage structure to be modified / proposed is 16. Estimated number of signing and pavement marking plans is 6 (with end of transitions etc..) and one "next signal" sheet as per FDOT design

### 1.2 Drainage Design

The design and preparation of drainage plans will be accomplished in substantial conformance with South Florida Water Management District requirements and constraints imposed by local agencies. A drainage report will be prepared and processed through the regulatory agencies for stormwater outfall approvals. Permit packages will be prepare by HSQ Group Inc. with provisions for a response to a Request for Additional Information (RAI) from reviewing agencies.

The scope of the drainage design is based on upgrading and modifying the existing drainage systems by the use of exfiltration and swales as practical as possible. Two drainage systems will be evaluated; south of Indiantown Road and the existing system for Indian town road. The scope does not include design of detention / retention ponds.

Separate drainage analyses report will be prepared for Indiantown Road to be submitted to FDOT for the Drainage connection permit.

### 1.3 Permitting

The following permits will be part of the permit packages for Central Blvd:

- SFWMD Environmental Resource Permit (ERP) / modification of existing permits
- NPBCID
- Town of Jupiter as needed
- FDOT Drainage connection permit
- FDOT Driveway connection permit.
- Process the signal installation permit from FDOT.
- Town of Jupiter storm water and engineering permit

Environmental permitting also includes:

Attending coordination meetings

The cost of all permit fees will be the responsibility of HSQ Group Inc, to be reimbursed by the County.

### 1.4 Utility Coordination

HSQ Group, Inc. will assist Palm Beach County in the utility coordination effort. We will attend a maximum of three utility coordination meetings and plot utility information on plans for inclusion in the construction plan package. The roadway design will be amended where possible to avoid utility conflicts. HSQ Group Inc., will also assist in the utility verification survey effort with the utility companies and coordinate utility location "potholes" with sub consultant.

# 1.5 Pavement Marking and Signing Plans

Pavement Marking and Signing Plans will be prepared to conform to the proposed roadway improvements in accordance with FDOT & Palm Beach County Standards. These plans will be prepared as a separate set of documents

#### 1.6 **Right of way services**

Right of way services as listed below will be performed in three phases as follows:

Phase 1.	Prepare preliminary design to see if ROW acquisition can be avoided and submit for review.
Phase 2.	If ROW acquisition can not be avoided, then prepare preliminary layout for all impacts east and all impacts west.
Phase 3.	ROW team studies layouts and provide report with recommendation of acquisition to the east, west or combination

#### I-**Design Alternatives**

combination

HSQ will prepare three exhibits to show the additional right of way impact on adjacent properties as follows:

A- All needed additional right-of-way will be taken from the west side.

B- All needed additional right-of-way will be taken from the east side.

C- Needed additional right-of-way will be split between east and west sides.

The purpose of these exhibits is to assist the right of way team in conducting the needed analyses that will be included in the right of way report.

#### II-**Traffic Engineering**

Examine the proposed right-of-way corridor with respect to adjacent property site plans and determine the extent to which the proposed right-of-way impacts the traffic circulation, ingress, egress and existing parking spaces on the adjacent property.

#### Ш-Land Planning

The land planner is required to research and assemble all applicable planning, zoning and land use data relevant to the properties impacted by the proposed right-of-way taking and to analyze the resulting impact to existing and proposed site plans. A review of local and county government land development codes is required to ensure compliance with applicable codes during the development of cure site plans. Contact with local and county governments is required to determine if there are any current development projects under permit review, whereby additional conveyance of right-of-way

could be made a condition of said permit. The planner must participate in meetings and discussions with other team members to analyze potential cures.

### 1.7 Site plan services

Review existing site plans and develop potential changes to the existing layouts in order to minimize the impacts from the roadway project. This scope does not include processing / permitting of the site plans from any authorities.

Participate in meetings and discussions with the County and the Town of Jupiter

### 2. ADDITIONAL SERVICES

### 2.1. Utility Verification Survey

A survey crew will be provided (maximum of two days) to record the locations of existing underground utilities as exposed or provided by the utility owners. This work will be coordinated with Palm Beach County Roadway Production and will be provided as an optional services as required to verify utilities.

## 2.2 Parcel Sketches and Legal Descriptions

Parcel sketches and legal description will be prepared by the surveyor for rightof-way acquisition parcels as additional services, if required. A separate legal description and sketch will be prepared for each parcel from which Temporary Construction Easements (TCE) are being acquired. These sketches will be based on record ownership data provided by Palm Beach County, record plats, and field surveys. All sketches will be consistent with the requirements of Palm Beach County.

#### REIMBURSABLE SERVICES 3.1 Geotechnical & Enviro

3.

# Geotechnical & Environmental Services

HSQ Group, Inc. will coordinate the soil testing for this project and will be reimbursed for all services by Palm Beach County. This item will include soil borings and Geotechnical engineering as detailed on the attached scope from Nodarse & Associates which will provide the Geotechnical services for this project

### 3.2 Signal Design Services

HSQ Group Inc., will coordinate the design of the signal at Indiantown Road and Central Blvd. with Palm Beach County. This item will include preparing needed plans for constructing the signal and to coordinate with FPL for power source or any relocation if needed. Also consultant will coordinate with other utility companies and address any issues. More detail of the scope is included on the attached scope from PD&E.

### 3.3 Surveying Services

HSQ Group Inc., will coordinate the surveying services with Betsy Landsay. More details of the scope are attached.

### 3.4 Permit Fees

The County shall pay all permit fees as reimbursable

### 3.5 Out of Pocket Expenses

HSQ Group Inc. will provide all printing services for the construction plan review, utility coordination and permitting process for the project. The cost of the plan reproduction, costs will be billed on a per unit basis as shown on the attached estimate.

3.6 Utility Location.

HSQ Group Inc., will coordinate the utility location services with sub consultant. More details of the scope are attached.

### 3.7 Environmental Services.

HSQ Group Inc., will coordinate the Environmental services with Kimley-Horn. More details of the scope are attached.

### 3.8 Right -of-way Team

Right-of-way team will assist during the early stages of roadway design process. Team members will offer advice and recommendations on how best to approach impacted parcels, so as to minimize costs including business and severance damages. Issues will include, but not be limited to investigating and analyzing possible design alternatives and to devise methods of cost to cure. Team members are required to conduct field inspections in coordination with the design consultant and become very familiar with the project site and all issues relevant to their individual expertise.

The Right-of-Way Team shall be limited to professionals in the following fields:

Market Analyst Property Appraiser Certified Account

### Market Analyst

The market analyst shall estimate the impact of the proposed right-of-way acquisition alternatives on the revenues of affected businesses, resulting from changes in the size and configuration of the affected properties. The analyst should measure the percentage change in sales resulting form the potential loss of use of the acquired properties. Factors to consider include number of parking spaces, quality of parking spaces, on-site circulation, access, signage and visibility. The market analyst must participate in meetings and discussions with other team members to analyze potential cures.

### Certified Public Accountant

The CPA is an expert at determining business damages and is required to determine eligibility and to make good faith estimates of business damages that would result from a condemnation action. If available, the accountant must obtain and review financial statement and tax returns of impacted businesses, or if not available through other means, estimate the normalized income stream of the business. The CPA is required to search market databases such as the Institute of Business Appraisers and Standard Industrial Classification codes. The accountant must investigate relevant industry information sources for each affected business and be able to clearly define the nature and operational characteristics of the business. The accountant must participate in meetings and discussions with other team members to analyze potential cures.

### Property Appraiser

The property appraiser shall inspect and research general property values and determine the limits of the parent tracts for all impacted properties along the project corridor. Overall site improvements (including buildings) shall be included in any property evaluation. Inspections will not include interior areas of the buildings, unless the properties are open to the public. A search of the public records (tax rolls, recent sales, etc.) is required to determine ownership of adjacent properties. The appraiser should work in conjunction with the land planner to obtain zoning and land use data for all affected properties to help determine the highest and best use for each parcel. A research of sales for similar properties should be done, however an appraisal report is not required. The probabilities for rezoning or annexations should also be researched. The appraiser must participate in meetings and discussions with other team members to analyze potential cures.

### Submitted by: HSQ Group, Inc.

#### FEE COMPUTATION

Central Blvd (8A # 3) Indiantown Road / Central Blvd Intersection (TOJ / PBC)

	PROJECT MANA	GER	SENIOR ENGI	NEER	PROJECT ENGI	NEER	CADD TEC	ห	OFFICE SU	RVEYOR	CLERICAL		T	
ACTIVITY	STAFF	HR.	STAFF	HR	STAFF	HR.	STAFF							
	HOURS	RATE	HOURS	RATE	HOURS	RATE	HOURS	HR	STAFF	HR.	STAFF	HR,	STAFF HRS.	COST BY
esign Anelysis	45.00	49.50							HOURS	RATE	HOURS	RATE	ACTIVITY	ACTIVITY
rainaga Analysis	14.00									· · · · ·	0.00		225.00	
pedway Plans	54.00			45.10	97.00					· · ·	0.00		134.00	
reinege Plans	14.00		28.00	45.10	26.00					· ·	0.00		488.00	
affic Control Plans	0.00	49.50	0.00	45.10	0.00					·····	0.00		128.00	
cilities .	9.00	49.50	17.00	45.10	17.00	38.30				· ·	0.00		0.00	
w. Services/Permits	12.00	49.50	22.00	45.10	22.00	36.30				· · · · · · · · · · · · · · · · · · ·	0.00	ينهيده ومستجاد والمراجع المراجع	83.00	
aning & Pavement Marking	15.00	49.50	28.00	45.10	28.00	36.30					0.00		108.00	3700.4
					20.00	30.30	67.00	25.30	0.00	· ·	0.00		138.00	4716.8
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TOTAL	163		318	+	320		503							
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	<i>•</i> • • • •	68.50	ં જાવ્યું	341.8	5 \$11,6		- 41 - A	125.0	10					

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FEE CALCULATION

TOTAL ACTIVITY SALARY COST	ν.	\$46,752.20
PLUS OVERHEAD	160.00%	\$74,803.52
SUBTOTAL (SALARY & OVERHEAD) LUMP SUM	× .	\$121,555.72
PLUS OPERATING MARGIN	12.00%	\$14,586.69
BASIC BERVICES		
HSQ		<b>*</b> ****
Progressive Design & Engineering Inc		\$136,142.41
ter and the second of the second time	Tabal Basis Baada -	\$13,415.24
OPTIONAL SERVICES	Total Basic Services	× \$149.557.65
Phase 1 are attached fee computation for ROW services	HSQ-Optional services	2,500.00
Phase 2 see attached fee computation for ROW services		6.467.46
Phase 3 ses attached fee computation for ROW services	HSQ-Optional services	2.500.00
Besty Lindsay		2,360.00
Kimley-Horn Environmental phase 1		2,500.00
Kimley-Horn Environmental phase 2		20.000.00
Gerson, Preston, Robinson & Company PA		10.000.00
Realmark Research, Inc.		7.800.00
Jenkins Appraiser & Realty		5,200.00
•	Total optional Services	59,537,22
REIMBURSABLES		
Betay Undsay Lump Sum		> \$3,152.80
FR Aleman (utility location)		\$3,750.00
Nodarse & Associates, Inc		\$5,914.00
Reimbursebles, (Reproduction & permit fees) - HSQ		> \$5,178.50
	Total reimburnebles	V \$17.996.30
	TOTAL ALL SERVICES	× 8227.080.17

SA 04 with new wages xis

~ \* 2.912 % multiplin

3/31/2009

Bubmitted by: HEQ Group, Inc.

#### ERE COMPUTATION FOR ROW BERVICES

Central Bivd BAB 3 Indiantown Road / Central Bivd Intersection (TOJ / PBC)

HR RATE 0 49.5	0 21.0		1						STAFF HOURS 0.00	STAFF HR8. ACTIVITY 58.00 44.00	
0 49.8	0 21.0	0 45.10	23.00	▶ 36.30	2.00	∨ 25.30	0.00	-	0.00	58.00	2426.5
0 49.5	0.0	0 45.10	9.00	36.30	21.00	25.30	0.00		0.00		
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			32		23		0.0		0.0	102.00	\$3,938.00
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#### FEE CALCULATION

TOTAL ACTIVITY SALARY COST PLUS OVERHEAD	180.00%	\$3.938.00 \$6,300.80
SUSTOTAL (SALARY & OVERHEAD) LUMP SUM PLUS OPERATING MARGIN	12.00%	\$10,235.80
	V	

\$11,457.46

#### SUBTOTAL (LUMP SUM)

The subtotal lump sum will be divided as follows

V + 2.912% nultipling

Phase 1	Prepare preliminary design to see if ROW acquisition can be avoided and submit for review	<b>N</b>		2.500.00
Phase 2	If ROW acquisition can not be avoided, then prepare preliminary layout for all impacts sast and all impact wast	. V	1	5.467,46
Phase 3	ROW team studies layouts and provide report with recommendation of acquaition to the east, west or combination	<u> </u>	\$	2,500.00

SA'04 with new wages and 3 row phases.sts

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### HIGHWAY TASK LIST

### ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY: <u>1 - DESIGN ANALYSIS</u>

TASK	BASIS OF ESTEMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL HOURS	CADD HOURS	REMARKS
I. Typical Section	LS	1	6		6		I section for Central Blvd @ the intersection
2. Geometrics	LS	1	55	1	55		of Indiantown Road Plateau intersetion + 6 driveways + layout
3. Design Computation/Documentation Summary of Design Criteria	LS	1	- 12		12		includes modifying RT turn lane at Indiantown, W. of Inter
4. coordination with subs	LS	9	6		54		Through out life of project 9 sub consultants
	EA						
	EA				· · · ·		Four locations, including meetings
7. Quantity Computation Book & Updates	LS	1	16		16		2 submittals at 96% and final plans
. Construction Cost Estimates & Update	LS		10		10		Includes underes (659/ 069/ 8. Simil)
0. Technical Special Provisions	LS	1	10		10		Includes updates (65%,96% & Final) supplemental to FDOT Std. specs.
Coordination with FDOT or the design of Indiantown Road	LS	1	36		36		Review plans, Coordinate CADD drawings includes 2 meetings
2 Develop & update Schedules	LS	1	4		4		menues 2 meenigs
SUBTOTAL				0	203		

SA 04 with new wages.xls

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HIGHWAY PAGE \_2\_ OF \_2\_

### ACTIVITY A. ROADWAY PLANS PACKAGE

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SUBACTIVITY: 1-DESIGN ANALYSIS

TASK	BASIS OF ESTIMATE	NO. GF UNITS	HOURS/ UNIT	NO OF	TOTAL HOURS	CADD	REMARKS
13. Quality Control	5-10%	0%	203		0	1	Not allowed by County
14. Supervision	5-10%	0%	203		0	1	Not allowed by County
15. Public Meetings	LS	0	0		0		not included
16. Kick off Mccting	EA	0	0		0		
17. Field Reviews	EA	2	2		4		To confirm initial, 65%, and 100% design stages
<ol> <li>Field meetings with County</li> <li>to check against restoration areas</li> </ol>	EA	0	0		0		
9. Progress Meetings with County prepare meeting minutes	EA	3	6		18		Total of 3 meetings
· · · · · · · · · · · · · · · · · · ·							
SUBTOTAL					22	0	
TOTAL				0	225	0	

SA 04 with new wages.xls

### ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2-DRAINAGE ANALYSIS

	BASIS					30 30300000000000	
TASK	OF ESTEMATE	NO. OF	HOURS	NO OF	TOTAL	CADD	
1. Evaluation of Exist. Road's Drainage System	EA	2	UNIT 20	SHEETS	HOURS	HOURS	REMARKS
Indiantown Road and Central Blvd		-	1 20		40	'	obtain plans and evaluate the exist. Drainage systems
2. Evaluation of offsite subdivisions lake system connected to to Central Blvd	LS	0	0		0		one at Central Blvd and one at Indiantown Rd not included
3. Design of culvert	LS	1	0		0	1	
4. Design of Cross Drains	LS	0	0		0	<del> </del>	
5. Design of New/modify existing drainage str.	EA	16	3	· · · · · · · · · · · · · · · · · · ·	48		
7. Design of New Swale System	LS	0	0		0	· · · · · · · · · · · · · · · · · · ·	
8. Misc. Drainage Details	LS	1	8		8		modifications to exist. Structures
9. Drainage Design Report	LS	2	- 15		30	lan an suit	One to FDOT "as needed" for Indiantown Rd
SUBTOTAL					126	1	and one to add to the original Central Blvd report
10. Quality Control	5-10%	0%	126		0		
11. Supervision	5-10%	0%	126		0	·	///
12. Drainage Field Reviews	EA	2	4		8		· · · · · · · · · · · · · · · · · · ·
TOTAL				0	134	0	

HIGHWAY PAGE \_\_I \_\_ OF \_\_2\_\_

SA 04 with new wages.xls

### ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 3 - ROADWAY PLANS

TASK	BASIS OF ESTEMATE	NO. OF UNITS	HOURS/ LINIT	NO OF SHEETS	TOTAL HOURS	CADD	
1. Ксу Мар	Sheet	1	0		0		modify Central cover sheet
2. Typical Section & Notes	Sheet	1	4	i	4 •		I sect for Central Blvd and one for Indiantown Rd
3. Summary of Quantities	Sheet	1	4	1	4		add to Central Blvd
I. Plan & Profiles	Sheet	6	40	6	240		3 for Central Blvd +2 or 3 for Indiantown RD
. Misc. Detail sheets	Sheet	1	24	1	24		
. Intersection Profiles/details	Sheet	0	0	0	0		
Back of Sidewalk Profiles	Sheet	0	0	0	0		Assumed not required
Special Profiles	EA	1	20	1	20		Assumes one.
Plateaued intersection	Sheet	2	45	2	90		need 2 plan/profiles for the plateau one sheet for Central
. Soil Data Sheet	Sheet	1	4	. 1	4		and one sheet for Indiantown Road *Obtain from Geotech.
. Cross-Sections	EA	24	3	12	72		at 100' intervals, assume 14 for Central + 10 for Indiantow
Driveway Sections / profile	EA	6	3	1	18		Assume 6
SUBTOTAL				27	476	0	

SA 04 with new wages.xis

.

HIGHWAY PAGE \_2\_ OF \_2\_ 3/16/2009

### ACTIVITY A. ROADWAY PLANS PACKAGE

### SUBACTIVITY: 3-ROADWAY PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNFT	NG OF SHEETS	TOTAL	CADD	
13. Baseline Control/ Curve Data	Sheet	1	4	SHEW S	HOURS	HOURS	REVEARIOS
14. General Notes & Pay Item Notes	Sheet	1	8	1	8		add to Central Blvd
SUBTOTAL					488	0	
15. Quality Control	5-10%	0%	488		0	1	
16. Quality Control	5-10%	0%	488		0		
17. Field Reviews	0	0	0		0		Included elsewhere
18. Progress Meetings	0	0	0		0		Included elsewhere
SUBTOTAL		к			0		
					,		
TOTAL				29	488	0	

SA 04 with new wages.xis

### ACTIVITY A. ROADWAY PLANS PACKAGE

### SUBACTIVITY: <u>4 - DRAINAGE PLANS</u>

TASK	BASIS	NO. OF		NO OF	TOTAL	CADD	
1. Drainage Map	ESTIMATE Sheet	2	<b>UNET</b> 30	SHEETS 2	HOURS 60	HOURS	I for Central Blvd and one for Indiantown
2. Drainage Structures	EA	16	3	5	48	. 	*Assumed 10 for Central +6 for Indiantown Rd
3. New Conflict Manholes	EA	0	0		0		assume 4 conflicts
4. Summary of Drainage Structures	Sheet	1	8	0	8		add to Central Blvd
5. Pollution Prevention Plans	Sheet	0	• 0	0	0		not included
6. Canal Cross Sections	EA	0	0	0	0		
7. Stormwater Detention Plans	EA	0	0	0	0		
8. Retention Area Cross-Sections,	EA	0	0	0	0		
9. Special Drainage Details	Sheet		12	2	12		
SUBTOTAL					128		
0. Quality Control	5-10%	0%	128		0		· · · · · · · · · · · · · · · · · · ·
1. Supervision	5-10%	0%	128		0		
TOTAL				9	128	0	

SA 04 with new wages.xls

### ACTIVITY A. ROADWAY PLANS PACKAGE

### SUBACTIVITY: 6 - UTILITIES / RAILROADS

TASK	BASIS OF ESTIMATE	NO. OF	HOURS/ UNIT	NO OR SHEETS	TOTAL HOURS	CADD	REMARKS
1. Initial Utility Contact (Establ. Contact w/ Sunshine One Call & utility co.)	LS	i	9	the second s	9		Coordinate w/ County
2. Follow up with county	LS	0	0		0		
3. Submit plans all phases	EA	4	4	1	16	+	Provide County w/oleve for stainers I' i
4. Review of Exist. Records	EA	1	8	1	8		Provide County w/plans for their coordination
5. Resolution of utilities conflicts & coordination of potholes, etc.	LS	1	32		32	1	
6. Conferences & Meetings	EA	3	6		18		
	-						
SUBTOTAL				0	83	0	
. Quality Control	2-5%	0%	83		0		
. Supervision	2-5%	0%	83		0		
TOTAL				0	83	0	

SA 04 with new wages.xls

### ACTIVITY A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 7 - ENV. SERVICES/PERMITS

_	BASIS OF	NO.OF		NOOF	TOTAL	CADD	
TASK	ESTEMATE	UNITS	UNIT	SHEETS	HOURS	HOURS	REMARKS
1. Agency coord/ Pre-aplication meetings	LS	0	0		0	1	
·							
	+			Į			
2. Confirm wetlands with SFWMD/CE	LS	0	0				
· ·	++		V		0		not included
3- FDOT Driveway connection permit	LS	1	30		30	······	
4- FDOT Drainage connection permit	LS	1	30		30		
4. Prepare/submit ERM Veg Rem app	LS	0	0		0		add to central blvd
5. Prepare/submit ERP app / mod. to SFWMD	LS	1	16		16		add to central blvd
5. Prepare and submit to NPBCID	LS	1	16		16		add to central blyd
							· · · · · · · · · · · · · · · · · · ·
. RAI ERP response to SFWMD/CE							
. Ion Eld Tesponse to Sr WMD/CE	LS	1	16		16		add to central blvd
RAI response to ERM	LS		0				
					0	e	idd to central blvd
SUBTOTAL					108	<u> </u>	100.00
Quality Control	2-5%	0%	108		0		VPDES permit not included
Supervision	2-5%	0%	108		0		
TOTAL					108		

SA 04 with new wages.xls

### ACTIVITY <u>B. ROADWAY PLAN PACKAGE</u>

### SUBACTIVITY: 8 - SIGNING & PAVEMENT MARKING

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/ UNIT	NO OF SHEETS	TOTAL	CADD	BEMARKS
1. Key Sheet	Sheet	1	0	1	0		
2. General Notes	Sheet	1	0	1	0	0	
3. Tabulation of Quantities	Sheet	1	6	0	6	2	
4. Plan Sheets	Sheet	6	14	. 6	84	63	
5. Computation book	EA	1	16	0	16		add to Central Blvd
<ol> <li>Next Signal Ahead Sign (Struct, Design for foundations &amp; lay out sheet)</li> </ol>	EA	1	24	1	24		one on Central Blvd, includes wind load cal. And sizing of sign
7. Special Marking Details	EA	0					
8. Sign Details	Sheet	0					
12. Special Provisions Review	LS	0					
10. Cross-Sections & Layout	EA	0					No overhead, cantilever or span wire signs
11. Cost Est. /Summary of Pay Items	LS	1	8		8	· · · · · · · · · · · · · · · · · · ·	
SUBTOTAL					138		
2. Quality Control	5-10%	0%	138		0		· · · · · · · · · · · · · · · · · · ·
3. Supervision	5-10%	0%	138				
TOTAL				9	138	65	

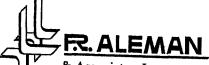
SA 04 with new wages.xls

### CENTRAL BLVD (Indiantown Rd. to 1200' SOUTH) County Project No. 2006501 SUPPLEMENTAL #3 Right-of-Way Review and Design Survey

-!

Betsy Lindsay, Inc. - Work Breakdown and Fee Estimate

ltem No.	Work Task	Est. No. of Units	admin	Three-Man Field Crew (\$98/Hr.)	Professional Land Surveyor (\$79.52/Hr.)	Project Tech (\$59.64/Hr.)	CADD Technician (\$51.12/Hr.)	Estimated Task Cost
1	extend topo 400' E+ W of central (EVERY 20' IN INTERSECTION	)		16	2		4	\$1,931.52
2	Detail Drainage			2	1		1	\$326.64
5	Locate Above-Ground Features and Underground Utilities			2	1		1	\$326.64
8	Process Data and Create CADD Drawing, DTM				2		8	\$568.00
9								
	SUBTOTAL				-			\$3,152.80
	OPTIONAL SERVICES						+	
	5 Sketch and Legal	\$400 each						\$2,000.00
	10 pothole locations and elevations			6	1		2	\$769.76
	Estimated crew days			3.25				
	SUBTOTAL OPTIONAL SERVICES							\$2,769.76
	Estimated Total Hours		0	26	7	0	16	
<u> </u>	TOTAL ALL SERVICES							\$5,922.56



& Associates, Inc. CONSULTING ENGINEERS & SURVEYORS 10305 NW 41 Street, Suite 200 Miami, Florida 33178 TEL: (305) 591-8777 FAX: (305) 599-8749

CONSULTING ENGINEERS & SURVEYORS www.FR-Aleman.com Email: <u>DStanton@FR-Aleman.com</u>

February 10, 2009

HSQ GROUP, INC. Attn: <u>Mr. Nour Shehadeh, P.E.</u> 14000 Military Trail, Suite 103 Delray Beach, FL 33484

RE: **Central Blvd** North Lauderdale, Florida

Dear Mr. Shehadeh:

In accordance with your request, F.R. Aleman & Associates, Inc., (F.R.A.) is pleased to submit our proposal to provide LOCATING services to your company.

ITEM DESCRIPTION	OCATING - PRICE PR	RATE	ITEM
Test Holes	10 Holes	\$ 375.00 per hole	PRICE
		AMOUNT :	\$ 3,750.00

F.R. ALEMAN & ASSOCIATES INC.

Please do not hesitate to contact me if you have any questions regarding this estimate. We are prepared to commence work within 5 working days upon your issuance of a Letter of Authorization.

Very truly yours,

M D.M. Stanton S.U.E. Director

ACCE Client	PTED AND AGREED: HSQ GROUP, INC.
Ву:	
Title:	
Date:	
L	

Page 1 of 1 Miami - Orlando - Tampa - Jacksonville - Tallahassee HSQ Group February 10, 2009 Page 3

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### Nodarse & Associates, Inc.

# Additional Services For Central Boulevard Palm Beach County, Florida N&A Project No. 05-06-0016-101

EXHIBIT A GEOTECHNICAL FIELD EXPLORATION - (ROADWAY, STRUCTURES)

3	a. Truck Mounted Auger Borings (ASTM D-1452)			Number of Units	TOTAL
3	Auger Borings (ASTM D-1452)				
3		Each	\$300,00		\$300.00
μ	Land (6 (2 5)	LF			
	Standard Penetration Test Borings (ASTM D-1586) - 6 foot centers		\$8,00	40	\$320.00
	Land				
	a. 0 - 50 fast (2 (2 30')	LF	P40.00	I	``
	b. 50 - 100 feet		\$13.00	60	\$780.00
4	0. 100 - 150 feet		\$16,00	0	\$0.00
· µ	Extra Split Spoon Samples		\$18,00	0	\$0,00
μ					
F	s. 0 - 50 feet depth range	Each		L	
ŀ	b. 50 - 100 feet depth range	Each	\$32.00	0	\$0.00
5 6	g. 100 - 150 feet depth renge	Each	\$35.00	0	\$0,00
- P	Grout Seal Boreholes		\$38.00	0	\$0.00
ч	and:	-++			
F	a. 0 - 50 feet depth range	LF			
	b. 50 - 100 fest depth range		\$4.50	100	\$450.00
6 5	c. 100 - 150 feet depth range		\$8,00	0	\$0,00
7 18	Butk soil sampling (LBR's, corrosion, etc.)		\$10.00	0	\$0.00
		- Hr Each	\$55,00	0	\$0.00
9 10	Pavement Cores (Without MOT)	Each	\$250.00	0	\$0.00
* H	Casino Aliowance:		\$75.00	0	\$0.00
10 5	and (4" casing)				
	Signs and Barricades: Pavement Cores		\$7.00	0	\$0.00
L .					
H	b. Message Board	Hour	\$35,00	0	\$0.00
H	c. Cones, flacs	Dav	\$250.00	1	\$250.00
	d. Post Mounted Sions	Dav	\$150.00	1	\$150.00
H	e. Arrow Boards	Dav	\$200,00	1	\$200,00
μ	f. Police/oar	Dev	\$250.00	1 1	\$250.00
OTFOLIN	g. Truck mounted attenuator (grash truck)	Hour	\$50.00	0	\$0.00
	CAL - LABORATORY TESTING - (ROADWAY STRUCTURE)	Hour	\$79.50	0	\$0.00
<del>-1  </del> 6	PINI Size Analysis (FM 1.T.AR)	Unit	Rate		
- <u>i</u> L	Inefock Beering Ratio (FM 5.515)	Each	\$65,00	4	\$260,00
	Strong Suries (pH Sulfate Chiedele Destate the	Each	\$250.00	0	\$0.00
		Each	\$150.00	0	\$0.00
9 10	Touris Contant (FM 1-T 287)	Each	\$10.00	4	\$40,00
0 12	Ola Cion / Tradation	Each	\$30.00	0	\$0.00
-MICENT	IG AND TECHNICAL SERVICES	Each	\$160.00	0	\$0.00
1 191	up classification	+			
2 P	rolect Manager/Senior Engineer	Unit	Rate		
	rolect Engineer	Hour	\$120,00	5	\$600.00
	Ingineer	Hour	\$95.00	9	\$855.00
5 C	ADD Technician	Hour	\$85.00	9	\$765.00
8 8	enlor Technician	Hour	\$45.00	6	\$270.00
		Hour	\$53,00	8	\$424.00

TOTAL ESTIMATE

\$5,914.00

### Central Blvd

# Study Type – Signalization Plans

### 1. Purpose

The general objective is for the CONSULTANT to prepare a set of signalization plans to modify the signal plans as prepared by FDOT with mast arm signals based on the proposed Central Blvd improvements at the intersection of Indiantown Road.

The CONSULTANT shall prepare contract plan sheets, notes, and details to include the following: Key Sheet, Tabulation of Quantities sheet(s), General Note sheet(s), Signalization Plan sheet(s), Signal Interconnect Plan detail(s) (Palm Beach County will provide design), Pole detail(s), and special detail(s).

The CONSULTANT shall plot existing and proposed topography, existing utilities (above and below ground), storm drains, right of way, and proposed improvements. In addition the CONSULTANT shall prepare quantities and pole schedules (including any design calculations).

### 2. Scope of Work

FDOT is installing a mast arm signal at the intersection of Indiantown Road and Central Blvd. The future work that we will be involved in is limited to the following:

- a- Modify the northbound signals at the northeast corner in order to accommodate the triple northbound left turn lanes.
- b- Modify the southwest corner mast arm from 60' to 70'
- c- Possible modification of the mast ram at the northwest corner.

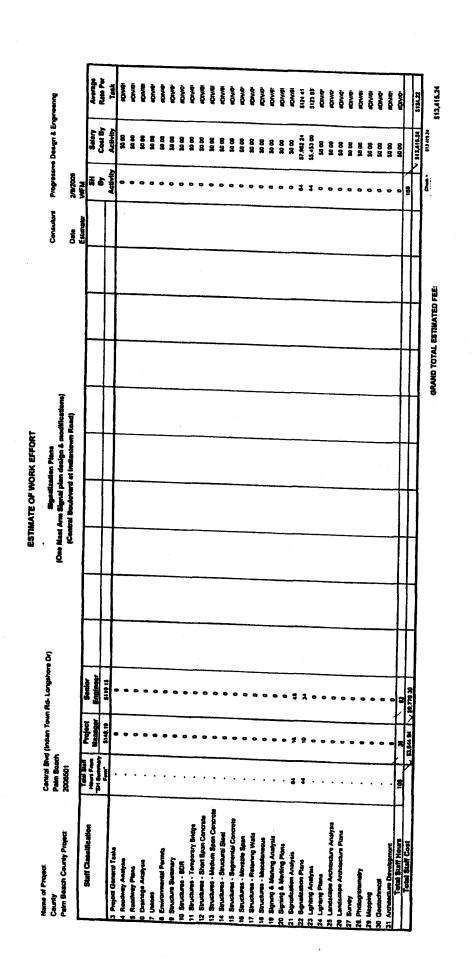
The CONSULTANT shall design the pole and signal head system in accordance with FDOT and PALM BEACH COUNTY guidelines.

The CONSULTANT shall collect information from the maintaining agencies and conduct a field review to complete a list of all existing traffic signal equipment at the locations listed for submittal. The inventory shall include the Existing signal and pedestrian phasing, Interconnect media and Controller timing data.

The CONSULTANT shall coordinate power source with FPL for the signalized intersection.

### 3. Permitting

The CONSULTANT shall address comments initiated by FDOT and Palm Beach County Traffic Engineering.



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Sorie Estimate PDAE Cost Industrian Revised 2,00,00

### **Project Activity 21: Signalization Analysis**

Estimator: Progressive Design & Engineering

Central Blvd (Indian Town Rd- Longshore Dr)

Tas	Teek	Unit	No. of	Hours. Units	Total Hours	Comments
21.	1 Traffic Data Collection	LS	0	0	0	
21.	2 Intersection Field Data Collection	PI	1	4	4	
21.	3 Utilities Coordination	LS	1	4	4	Includes obtaining utilities information
21.4	4 System Timings	LS	0	0	0	
21.5	Reference and Master Signalization Design File	PI	1	8	8	
21.6	Reference and Master Interconnect Communication Design File	LS	0	0	0	
21.7	Overhead Street Name Sign Design	EA	1	4	4	
21.8	Pole Elevation Analysis	LS	0	0	0	
21.9	Traffic Signal Operation Report	LS	0	0	0	
21.10	Quantities	LS	1	4	4	
21.11	Cost Estimate	LS	0	0	0	
21.12	Technical Special Provisions	LS	0	0	0	
	Signalization Analysis Technica	l Subto	tal		24	
21.13	Field Reviews	LS	1	8	8	Design Field reviews + PS&E
21.14	Technical Meetings	LS	1	8	8	Meetings with PBC
21.15	Quality Assurance/Quality Control	LS	%	0%	0	
21.16	Independent Peer Review	LS	%	0%	0	
21.17	Supervision	LS	%	0%	0	
ļ,	Signalization Analysis Nontechnical Subtotal				16	
21.18	Coordination	LS	1	24	24	FDOT Permit Submittal & Coordination
	19. Signalization Analysis Total					

Signal Estimate PD&E Cent Indiantown Revised 2\_09\_09

2/9/2009

### Project Activity 22: Signalization Plans

Estimator: Progressive Deisgn & Engineering

Central Blvd (Indian Town Rd- Longshore Dr)

Tas No		Scale	Units	No of Units	Hours Unit	No. of Sheets	Total Hours	
22.	1 Key Sheet		Sheet	1	4	1	4	
22.2	2 Summary of Pay Items	Τ	Sheet	0	0	0	0	
22.3	Tabulation of Quantities		Sheet	1	4	1	4	
22.4	General Notes/Pay Item notes		Sheet	. 1	4	1	4	
22.5	Plan Sheet	1	Sheet	1	24	1	24	
22.6	Interconnect Plans		Sheet	0	0	0	0	
22.7	Traffic Monitoring Site		EA	0	0	0	0	
22.8	Guide Sign Work Sheet		EA	1	4	1	4	
22.9	Special Details		Sheet	0	0	0	0	
22.10	Special Service Point Details		EA	0	0	0	0	
22.11	Mast Arm Details Sheet		PI	1	4	1	4	
22.12	Strain Pole Schedule		PI	0	0	0	0	
22.13	TCP Signal (Temporary)		EA	0	0	0	0	
22.14	Temporary Detection Sheet		PI	0	0	0	0	
22.15	Utility Conflict Sheet		Sheet	0	0	0	0	
22.16	Interim Standards		LS	0	0	0	0	
	Signalization Plans Technical Subtotal					6	44	
22.17	Quality Assurance/Quality Control		LS	%	0%		0	
22.18	Supervision		LS	%	0%		0	
	22. Signalization Plans Total						44	

Signal Estimate PD&E Cent Indiantown Revised 2\_09\_09

Page 3

2/9/2009

# Central Blvd (Indiantown Road to Longshore Drive)

DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL	DEMADING
					REMARKS
	1	<u> </u>	<u> </u>		
REPRODUCTIONS		<u> </u>	+		
PHOTOCOPY (8 1/2'x11")			<u> </u>		
Correspondence, records to & from files		<u> </u>			
Reports, Calculations (Avg. 150 shts/month)	2700	page			
		hada	0.1	270	
PHOTOCOPY (8 1/2'x14")	+				
comp Biks(25 shtsx2 books x 2 submit)	+				
PHOTOCOPY (11'x17" Half & 22'x34" Full size)	100	page	0.1	10	
Plans(utilities 2x6) X 4 submittals @ 27 sheets	+	L			
	2592	page	0.25	648	
Plans half size, 35. 60. 96. 100% submittals, 4 sets x 4 x 27					
100 / Submittells, 4 sets x 4 x 27	432	page	0.25	108	
Plans (final) (half size) 1 x 30x27					
/ (	810	page	0.25	202.5	
POSTAGE/FEDEX/Hand delivery					
Cubraithain Consulta				·····	
submittals for utility coord. + 4 submittals for review	8	each	50		
HOTOGRAPHY				400	
ob Photos (35 mm Film + Developing)					
DSUBMITTALS	<b> </b>				
ewritable CD	T	each			
ewritable CD for Sub-Consultants	the second se	each	10	<u> </u>	·
	t		10	30	
	╏────┤				
	<u>├</u>				
TOTAL EXPENSES					**************************************
				1678.5	

PERMITTING SFWMD-ERP FDOT				3000 0	assuming no permit fees for County
NPBCID	TOTAL PERMITS		$\checkmark$	500 <b>3500</b>	
	TOTAL REIMBURSABLES	\$ 1	5,1	78.50	

Kimley-Horn and Associates, Inc.

### ATTACHMENT "A"

RE:

Limited Phase II Environmental Site Assessment Proposal Proposed Intersection Widening Central Boulevard and West Indiantown Road Jupiter, Palm Beach County, Florida

#### **Project Understanding**

The following scope of services is for the completion of a limited Phase II Environmental Site Assessment (ESA) for the extent of the above-referenced project (the "Site") which encompasses the intersection of Central Boulevard and West Indiantown Road in Jupiter, Palm Beach County, Florida. The intersection is proposed to be widened, which will necessitate right-of-way acquisition. Two active gasoline service stations are currently present on the northwest and southwest corners of the intersection.

This limited Phase II ESA proposal is based on the assumption that the subject property will consist of an approximate 6 to 10 foot right-of-way, contiguous with two existing gas stations. This proposal is subject to change based on the final results of the Phase I ESA.

### Task 1 Geophysical Survey

All of the proposed work is anticipated to be conducted within the existing road right-of-way. As such, a utility notification will be completed prior to the work through the Sunshine State One-Call. In addition, KHA will hire a private utility locate service to clear sample locations prior to collection.

# Task 2 Groundwater and Soil Sample Collection

In order to examine groundwater and soil quality relative to the two existing gasoline service stations, KHA will install and sample two shallow groundwater monitoring wells and complete 8 soil borings within the proposed right-of-way acquisition area. Four soil samples will be collected for laboratory analyses. Each sample will be analyzed for petroleum-related volatile organic compounds and semi-volatile organic compounds as well as total recoverable petroleum hydrocarbons and the 8 RCRA metals. Sample locations will be determined in the field.

March 16, 2009 Page 2 of 3

Direct-push technology will be used to facilitate the collection of representative samples from the Site. Shallow groundwater samples will be collected within the upper portion of the surficial aquifer using 10-foot long, pre-packed well screens. Groundwater sample locations will be purged to ensure the collection of representative samples.

Continuous soil borings will be advanced to the depth of the groundwater table. Each soil boring will be screened at 2-foot intervals with an organic vapor analyzer (OVA). One soil grab sample will be collected for analysis from the interval at which the highest vapor concentration is identified. In the absence of any organic vapors, a sample will be collected from the interval immediately above the groundwater table.

Samples will be collected consistent with Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOPs). Following collection, soil and groundwater samples will be placed on ice and transported to a National Environmental Laboratory Accreditation Conference (NELAC) certified laboratory under chain-of-custody protocol.

### **Task 3 Report Preparation**

Upon completion of Tasks 1 and 2, KHA will prepare a summary report of the results of the limited Phase II ESA that will contain the following:

- 1. Description of field activities and methodologies
- Summary of the soil, soil vapor and groundwater analytical results. 2.
- 3. Laboratory reports, Chain-of-Custody forms and field data sheets.
- 4. Conclusions

### Additional Services

The following services are not included in the scope of services, but can be provided as additional services if authorized by you. Compensation for additional services will be agreed to prior to their performance.

- Meetings/communications with the Florida Department of Environmental Protection or the
- Examination of possible soil or groundwater impacts on the development plans or the development cost and schedule
- Additional sampling not described in this document
- Preparation of a dewatering plan and/or a soil management plan

### Fee and Billing

The foregoing scope of services will be completed in accordance with the following table:

Tasks	Fee
Limited Phase II ESA	\$20,000

March 16, 2009 Page 3 of 3

KHA will perform the Scope of Services described in Tasks 1 through 3 on a lump sum basis. All permitting, application, and similar project fees will be paid directly by the Client. Any services not listed in the above Scope of Services will be considered additional services.

Fees and expenses will be invoiced monthly based, as applicable, upon the percentage of services performed or actual services performed and expenses incurred as of the invoice date. Payment will be due within 25 days of your receipt of the invoice.

P:\Interstate Development Environmental\291-Miami Lakes\Proposals\201\_ESA\_pro.doc



Kimley-Horn and Associates, Inc.

# ATTACHMENT "A"

RE:

Phase I Environmental Site Assessment Proposal Proposed Intersection Widening Central Boulevard and West Indiantown Road Jupiter, Palm Beach County, Florida

#### Project Understanding

1.

2.

3.

4.

The following presents a Scope of Services for completion of a Phase I Environmental Site Assessment (ESA) for extent of the above-referenced project.

The Phase I ESA scope of services described in this proposal addresses the due diligence procedures and methodology presented in the ASTM E 1527-05. The purpose of the Phase I ESA is to provide the following:

An identification of Recognized Environmental Conditions (RECs) as defined in ASTM E 1527-05, 1.1.1

An opinion of the impacts on the property resulting from conditions identified during the investigation, by a qualified Environmental Professional (EP) (ASTM E 1527-05, 12.6)

An opinion, by a qualified EP, on the need for additional investigations (ASTM E 1527-05, 12.6.1)

A statement consistent with ASTM E 1527-05, 12.13, on the qualifications of the EP and the suitability of the Phase I ESA to meet the requirements of The All Appropriate Inquiry Rule, CFR 40 312.

The assessment will reflect the general national standard of practice and the local customary practice as understood by the EP. The EP will use ASTM 1527-05 along with our judgment and experience when reviewing results of the assessment and in identifying findings and RECs (ASTM E 1527-05, 1.6).

The following sections provide the detailed description of the services to be completed.

March 16, 2009 Page 2 of 4

#### Scope of Services

KHA's scope of services for conducting the Phase I ESA consists of the tasks set forth below. The following tasks refer to only that information that is defined as reasonably ascertainable (ASTM E 1527-05, 6.2.1).

#### **Task 1 Records Review**

This task consists of the following:

- Record Search An environmental database search will be prepared encompassing the 1. minimum search distances listed in ASTM E1527-05, 8.2.1. This report will be reviewed for known and suspect contaminated sites. Where available, local environmental agency, and other local governmental authority files, as defined in ASTM E 1527-05, 8.2.2 may be reviewed, if the EP determines the files to be reasonably ascertainable and relevant to the successful completion of the Phase I ESA.
- IC/EC Registries KHA will review readily available databases on institutional and 2. engineering (IC/EC) controls and Activity Use Limitations (AULs).
- Aerial Photograph Review KHA will retrieve and examine readily available historical 3. aerial photographs of the site and the surrounding vicinity. Aerial photographs will be researched to the earliest date that is reasonably obtainable ...
- Review of Local City Directories and Historical Maps- KHA will obtain and review 4. readily available historical city directories, fire insurance maps, and historical topographic maps.
- 5. Other Historical Sources - Should KHA determine that other non-traditional sources may provide information relevant to the completion of the Phase IESA, these sources will be reviewed and documented.

#### Task 2 Site Reconnaissance

KHA will conduct a site reconnaissance consistent with ASTM E 1527-05, 9, which will consist

- 1. Observations of exterior site conditions
- Observations of interior site conditions 2.
- Determination of current use of the property 3
- 4. Determination of current use of the adjoining properties
- 5. Identify evidence of past use of property
- 6. Identify evidence of past use of adjoining properties
- 7. Identification of the following visually or physically accessible items:
  - a. Hazardous substances and petroleum products
  - b. Storage tanks
  - c. Odors, pools of liquid, drums
  - d. HVAC system power/fuel source
  - e. Containers of known /and unknown substances
  - f. Possible Polychlorinated Biphenyls (PCBs)
  - g. Stains and corrosion on floors, walls and ceilings

March 16, 2009 Page 3 of 4

- h. Drains and sumps
- i. Pits, ponds or lagoons
- Distressed vegetation j.
- Stained soil or pavement k.
- I. Solid waste
- m. Waste water
- Wells n.
- o. Septic systems

The Phase I ESA Site Reconnaissance will be non-invasive. We will not collect or analyze any samples. We assume that we will be allowed appropriate access to all areas of the site and that the site reconnaissance shall be conducted as a single event. Should, an additional site reconnaissance be required due to access limitations, the additional site reconnaissance shall be considered additional services.

#### **Task 3 Interviews**

Consistent with ASTM E 1527-05, 10.5.2.3 and 10.5.4, KHA will make a reasonable attempt to conduct the following interviews:

- 1. KHA will interview current and past owners, operators and occupants of the property that have or are likely to have material information regarding uses, physical characteristics and the potential for RECs at the subject property consistent with ASTM E 1527-05 sections 10.5.1, 10.5.2, 10.5.2.1, 10.5.2.2, and 10.5.4.
- 2. In the case of abandoned properties as defined in ASTM E 1527-05, 3.2.1, where there is evidence of uncontrolled access or unauthorized uses, KHA will attempt to interview current neighboring or nearby property owners (ASTM E 1527-05,
- 3. KHA will interview one or more of the following state or local agencies:
  - a. Local fire department
  - b. Local health agency
  - c. Local environmental regulatory agency

# **Task 4 Report Preparation**

Upon completion of the Tasks 1 through 3, KHA will prepare a summary report of the results of the Phase I ESA. The report will be formatted consistent with Appendix X4 of ASTM E 1527-05 and will contain the following:

- 1. Phase I documentation
- 2. USGS Quad map(s)
- 3. Aerial photograph(s) of the site
- 4. Database search records
- 5. Site photographs
- 6. Description of field activities and site reconnaissance documentation
- 7. Interview documentation
- 8. Findings and identified RECs

March 16, 2009 Page 4 of 4

- 9. EP opinion on need for additional investigation
- 10. Identification of and opinion on significant data gaps
- 11. Conclusions
- 12. EP statement consistent with ASTM E 1527-05, 12.13
- 13. Qualifications of EP and staff working on Phase I ESA

# **Additional Services**

The following services are not included in the scope of services, but can be provided as additional services if authorized by you. Compensation for additional services will be agreed to prior to their performance.

- Additional site reconnaissance
- Meetings with environmental regulatory agencies or the client
- Phase II soil, groundwater, surface water, sediment, or vapor sampling ٠
- Examination of possible soil or groundwater impacts on the development plans or the development cost and schedule
- **Remediation Design**

#### Fee and Billing

The foregoing scope of services will be completed in accordance with the following table:

Tasks	Fee
Phase I ESA	\$2,500

KHA will perform the Scope of Services on a lump sum basis. All permitting, application, and similar project fees will be paid directly by the Client. Any services not listed in the above Scope of Services will be considered additional services.

Fees and expenses will be invoiced monthly based, as applicable, upon the percentage of services performed or actual services performed and expenses incurred as of the invoice date. Payment will be due within 25 days of your receipt of the invoice.

K:\Troy\Proposals\Central Bivd - Jupiter\CentralBivd\_Phasel\_ESA\_pro.doc

Mar. 13. 2009 11:40AM

# Gerson, Preston, Robinson

James P. Robinson, CPA

American Institute Of Certified Public Accountants Florida Institute Of Certified Public Accountants

No. 1591 P. 2

2255 Glades Road, One Boca Place, Suile 112E Boca Ralon, Florida 33431

Telephona: 561-392-9059 Faceimilia: 305-351-7685 <u>JOF®SDrcg-cPa.com</u> REPLY TO: MIAMI BEACH OFFICE

#### March 13, 2009

# VIA FACSIMILE: (561) 392-6458

Nour Shehadeh, PE, Principal HSQ Group, Inc. 1489 W. Palmetto Park, Suite 340 West Palm Beach, FL 33486

Re: Palm Beach County Roadway Improvement Central Blvd. / Indiantown Rd. to Longshore Drive Study Project # 2006501 Intersection Improvements

Dear Mr. Shehadeh:

Thank you for including our Firm as a part of your team.

The following is our current hourly rates for assignments with Palm Beach County:

Partners	\$ 165.00 per hour
Managers	\$ 120.00 per hour
Staff	\$ 90.00 per hour
	$\phi$ 20.00 per nour

Based on the basic information provided by your firm, we have performed a preliminary analysis and business retrieval search for the project area intersection. The four commercial parcels within the intersection study area, which includes three alternatives are, the Bank of America, the Jupiter West Mobil, Jupiter CITGO gasoline stations and the Country Corner Convenience Store. The scope of services we will perform is as follows:

The CPA is an expert at determining business damages and is required to determine eligibility and to make good faith estimates of business damages that would result from a condemnation action. If available, the accountant must obtain and review financial statement and tax returns of impacted businesses, or if not available through other means, estimate the normalized income stream of the business. The CPA is required to search market databases such as the Institute of Business Appraisers and Standard Industrial Classification codes. The accountant must investigate relevant industry information sources for each affected business and be able to clearly define the nature and operational characteristics of the business. The accountant must participate in meetings and discussions with other team members to analyze potential cures. Mar. 13. 2009 11:40AM HSQ Group, Inc. March 13, 2009 Page 2

No. 1591 P. 3

We anticipate that our fee for the preliminary work, including consultation and attendance at meetings should not exceed \$10,000. If the scope of the assignment changes or if circumstances dictate a change in our estimated fee, we will notify you of the need for a supplemental amount.

Should you have any questions, please call Jorge Moreno or myself.

Yery truly yours, one P Robinin

JAMES P. ROBINSON, CPA/ABV, CFF

# JPR/jlmz

K NityationiPatry Reach County/Central Bird Indiantation Read Intersection/69-GPRCOFeeProposal/2nd Final1945.doe

#### REALMARK RESEARCH, INC. 2500 Hollywood Blvd., Suite 302, Hollywood, Fl. 33020 Phone: (954) 921-2375 FAX: (954) 921-2376

March 2, 2009

Nour Shehadeh, P.E. HSQ Group, Inc. 1489 West Palmetto Park Rd., Suite 340 Boca Raton, Fl. 33486

RE: Fee Proposal - PBC Project No. 2006501

Dear Mr. Shehadeh:

In response to your request, our estimated time and cost to provide a market analysis for the evaluation of three design options on Central Blvd. and Indiantown Rd., is presented below. The impacted businesses include Bank of America, Jupiter West Mobile Gas Station, Jupiter Citgo and Country Corner Convenience Store. The marketing analysis will estimate how the proposed acquisition alternatives will impact the permanent and temporary revenues of each business. The projected percentage losses in revenue resulting from the potential loss of use of the acquired properties, is utilized by the CPA in estimating business damages.

Factors to consider that could result from the changes in the size and configuration of the affected properties, include, but are not necessarily limited to, number of parking spaces, quality of spaces, on-site circulation, stacking, access, signage and visibility. Maurice Gruber will participate in meetings and discussions with other team members to analyze potential cures.

Professional Fees:

The estimated total time and cost for the marketing analysis is \$7,600, allocated as follows:

Maurice Gruber (Principal) Adam Gruber (Marketing Research Associate)

50 hrs @ 135.00/hr = 6,750.0010 hrs @  $85.00/hr = \sqrt{850.00}$  Please note that the fee represents a maximum amount, and is based on the input provided by the HSQ Group, Inc.

Please let me know if you need additional information,

Sincerely,

Maurice Gruber President

# Jenkins Appraisal Services, Inc.

5730 Corporate Way, Suite 120, West Palm Beach, FL 33407 Phone: (561)640-4059 Facsimile: (561)640-8183

March 2, 2009

Nour Shehadeh, P.E. HSQ Group, Inc. 1489 W. Palmetto Park Road Suite 340 Boca Raton, Florida 33486

Re: Central Boulevard/Indiantown Road Intersection

Dear Mr. Shehadeh:

My firm has provided appraisal consulting services for Palm Beach County Department of Engineering and Public Works for many years. Our involvement includes:

- Assisting during the early stages of roadway design process
- Provide advice and recommendations on how best to approach impacted parcels, so as to minimize costs including severance damages
- Assist in investigating and analyzing possible design alternatives and to devise methods of cost to cure
- Conduct field inspections in coordination with the design consultant and become familiar with the project site and all elements associated with appraisal issues
- Determine the limits of the parent tracts
- Determine ownership based upon public records information
- Work in association with other experts to determine highest and best use of parcels, including consideration of potential impacts from reasonable probability of rezoning and/or annexation
- Research sales
   Attend meetings as recommended to be a state of the second sec
- Attend meetings as necessary to determine all the above elements

These consulting services are provided based upon hourly rates ranging from \$75 to \$225. The rates vary based upon the qualifications of the appraiser utilized for a <u>specific task</u>. For this project, to provide the services described, I would estimate a maximum expense of \$5,200.

The services described do not include an appraisal of any of the parcels. This is for consulting services only.

Please be advised that my firm is Certified as a S/WBE firm by Palm Beach County. A copy of this Certification is attached.

Thank you for considering my firm. Please feel free to contact me for any additional information.

Sincerely, rare Vereis 7

Diane Jenkins, MSA President State-Certified General Real Estate Appraiser

#### 08/20/2009

# Engineering & Public Works Roadway Production PARTICIPATION FOR MWBE/SBE CONSULTANTS

Supplement Number 4

Project Name: Central Boulevard from Indiantown Road to

Project No.: 2006501

Department: Engineering & Public Works

Prime Consultant: HSQ Group, Inc.

Prime Contact Person:

Telephone No.: (561) 392-0221

Resolution Date: 09/12/2006

Res #: <u>R2006-1863</u>

Supplement date: 10/06/2009

(561) 616-0870

#### Type / Description of Name / Address / Telephone of Minority Sub-Consultant Contract Dollar Amount for Sub-Consultant Work Performed by Black Sub-Consultant Hispanic Other Women White Male Betsy Lindsay, Inc. Surveyor Surveyor MWBE 208 N US HIGHWAY 1 UNIT 8 0.00 0.00 0.00 0.00 TEQUESTA, FL 33469 (561) 575-5275 SBE 0.00 0.00 0.00 5,922.56 0.00 F.R. Aleman & Associates, Inc. Utility MWBE 0.00 10305 NW 41ST ST STE 200 3,750.00 0.00 0.00 MIAMI, FL 33178 (305) 591-8777 SBE 0.00 0.00 0.00 0.00 0.00 HSQ Group, Inc. Design Design MWBE 0.00 1489 W PALMETTO PARK RD STE 340 0.00 0.00 0.00 BOCA RATON, FL 33486 (561) 392-0221 SBE 0.00 0.00 152,788.37 0.00 0.00 Jenkins Appraisal Services, Inc. Appraiser MWBE 5730 CORPORATE WAY STE 120 0.00 0.00 0.00 0.00 WEST PALM BEACH, FL 33407 (561) 640-4059 SBE 0.00 0.00 0.00 5,200.00 0.00 Nodarse & Associates, Inc. Geotechnical MWBE 2448 METROCENTRE BLVD 0.00 0.00 0.00 5,914.00 WEST PALM BEACH, FL 33407

SBE

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Exhibit c

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Page 1

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08/20/2009

# Engineering & Public Works Roadway Production PARTICIPATION FOR MWBE/SBE CONSULTANTS

Supplement Number 4

Total Supplement Amount:	227,090.17	7			67.28	10.80	
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· ·	Tota	NWBE	0.00	3,750.00	0.00	5,914.00	
(561) 498-2304		SBE	0.00	0.00	0.00	13,415.24	0.00
Progressive Design & Engineering, Inc. 10891 LA REINA RD STE 100 DELRAY BEACH, FL 33446	Traffic Signal Design	MWBE	0.00	0.00	0.00	0.00	

Exhibit c

Page 2

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			INSURERS	AFFORDING CO	VEDAGE	
INSURCED	HSQ Group, Inc.			lartford Casu		NAIC #
	1489 West Palmetto Park	Road	INSURER 8	enith Insura	arty	
	Suite 340		INSURER C. I	loyds of Lon	nce Company	
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Palm Beach County Attn: Joan Thurman 2300 N Jog Road 3rd Floor West Wing West Palm Beach, FL 33411	SHOULD ANY OF THE ABOVE DEBCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30*</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE

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#### 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.

ID Task Name				(Separate fi	om Central Bvl	/Id Project)	
			Duration	Start		2010 Nov [Dec: Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Seo   Oct   Nov   Dec: Jan   Feb   Mar   Apr   May   Jun   Jul   Aug	
O Central Blvd-Indianto	wn Rd (separate)		700 days	Mon 11/2/09	Sun 10/2/11	Nov IDec I Jan I Feb I Mar I Apri May I Jun I Jul I Aug I Sep I Oct I Nov IDec I Jan I Feb I Mar I Apri May I Jun I Jul I Au	al Sec
1 Notice To Procee			1 day	Mon 11/2/09	Mon 11/2/09	11/2	
2 Supplemental De	sign Survey		21 days	Mon 11/2/09	Sun 11/22/09		
3 Geotechnical Inv	stigation		21 days	Mon 11/2/08	Sun 11/22/09		
4 Phase I and II Er	virenmental		60 days	Tue 11/3/09	Fil 1/1/10		
5 35% Plans			60 daya	Set 1/2/10	Tue 3/2/10		
County Review			21 days	Wed 3/3/10	Tue 3/23/10		
Utility Initial Contr	ict	ŕ	45 days	Wed 3/3/10	Fri 4/16/10		
65% Plans Incl. S	gnal		75 days	Wed 3/24/10	Sun 6/6/10		
County Review	<b>T</b>		21 days	Mon 6/7/10	Sun 6/27/10		
Utility Pothole Co	ordination		45 days	Mon 6/7/10	Wed 7/21/10		
Permits (SFVMD	+ FDOT)		180 days	Mon 6/7/10	Fri 12/3/10		
	For TCE + Additional Re	SW S	30 days	Mon 11/23/09	Tue 12/22/09		
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100% Plans, Incl. S	ignal	1	60 days	Sat 10/2/10	Tue 11/30/10		
County Review.	· ·		21 days	Wed 12/1/10	Tue 12/21/10		
Final Plans			45 deys	Wed 12/22/10	Fri 2/4/11		
Bidding			60 deys	Sat 2/6/11	Tue 4/5/11		
Construction			180 days	Wed 4/6/11	\$un 10/2/11		1112105
ct: Central Bivd-Indiantown Rd (s Thu 8/2009	Task		Progress		Summery	Externel Taska	
Thu 8/20/09	Spitt		Milestone	•	Project Summary	y Externel Milestone	
			Cons	ulting Engineers 1489 West Palme	ROUP, INC Planners • Tr tto Park Road, So n, Florida 33486	C. Fransportation Suite 340	8/20/01

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# Page \_1 of \_1

#### BOARD OF COUNTY COMMISSIONERS PALM BEACH COUNTY BUDGET<u>Transfer</u>

FUND Road Impact Fee - Zone 1

#### BGEX 082009-2258

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ACCOUNT NUMBER	ACCOUNT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 10/01/09	REMAINING BALANCE
CENTRAL BLVD/INDIANT 3501-361-1161-6505 Desig	TOWN RD-LONGSHORE DR gn/Eng/Mgmt	171,091	171,091	707,865	0	878,656	164,554	714,102
<u>RESERVE</u> 3501-361-9900-9912 Res-f	Future Construction	43,674,515	43,674,515	0	707.865	42,966,650	0	42,966,650
		·		707,865	707,865			
		SIGNATURE		DATE			d of County Commis ing of10/06/09	
Engineering & Public V	Vorks	atwill	hite	<u> </u>	0/09			Att
Administration / Budget Approval OFMB Department – Posted							Clerk to the f County Commissio	ners #4

2010 \_