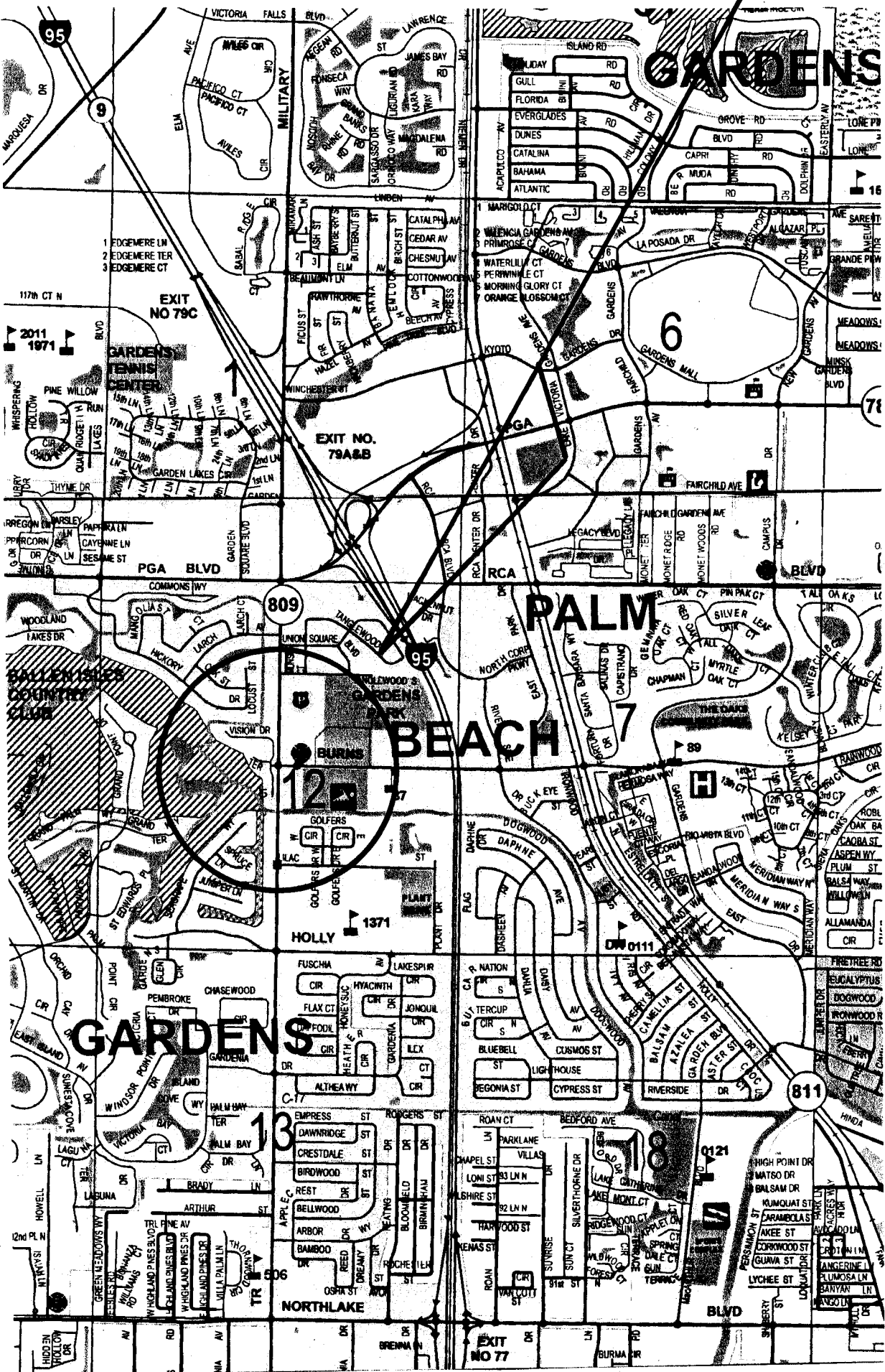






# BURNS ROAD AND MILITARY TRAIL INTERSECTION IMPROVEMENTS PROJECT NO. 2007102



LOCATION SKETCH

ATTACHMENT 2

**SUPPLEMENTAL AGREEMENT BETWEEN**

**PALM BEACH COUNTY  
AND  
ARCADIS U.S., INC.**

**FOR PROFESSIONAL ENGINEERING SERVICES ON**

**BURNS ROAD AND MILITARY TRAIL  
INTERSECTION IMPROVEMENTS**

**PROJECT #: 2007102  
PALM BEACH COUNTY, FLORIDA**

**THIS SUPPLEMENTAL AGREEMENT No. 1, made and entered into this day of \_\_\_\_\_ 2009 by and between Palm Beach County, hereinafter COUNTY, and, Arcadis U.S., Inc., a Florida Corporation with an address of 2081 Vista Parkway, West Palm Beach, Florida 33411, hereinafter CONSULTANT.**

**WITNESSETH**

**WHEREAS, the COUNTY and CONSULTANT entered into a Task Authorization issued under the Annual Intersection Agreement dated December 7, 2004 (R2004-2466), to provide professional engineering services required for the design of Burns Road and Military Trail Intersection Improvements, 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 Burns Road and Military Trail Intersection Improvements 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: Burns Road and Military Trail Intersection Improvements  
Project No. 2007102**

Basic Services in a lump sum fee of **\$85,226.19**;

Reimbursable Services (Not to Exceed) \$29,487.50;

Optional Services (Not to Exceed) \$18,566.07;

Totaling **\$133,279.76**

**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.
3. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "C" of the Agreement.
4. The **CONSULTANT** has provided a sub-consultants Letter 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 One Hundred Thirty-Three Thousand Two Hundred Seventy Nine Dollars and Seventy-Six Cents (\$133,279.76).
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 **December 7, 2004 (R2004-2466)**, and;

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



**EXHIBIT "A"**



Mr. Dave Young, P.E.  
Special Projects Manager  
Palm Beach County  
Roadway Production Division  
2300 N. Jog Road  
West Palm Beach, FL 33411

Subject:  
Burns Road and Military Trail  
Intersection Improvements  
PBCo. Project No.2007102

Dear Mr. Young:

We are pleased to submit this proposal for professional services for the preparation of construction plans for the improvement of the intersection of Burns Road and Military Trail. The scope of work for this project is the widening of the intersection to provide for the following:

- South Approach
  - Three 11' wide thru lanes northbound and southbound
  - Single 11' left turn lane
  - Single 11' right turn lane
  - 4'-5' paved shoulders
  - Variable width concrete separator
- North Approach
  - Three 11' wide thru lanes northbound and southbound
  - Dual 11' left turn lanes
  - 4' paved shoulder
  - 7' concrete separator
- East Approach
  - Two thru lanes eastbound and westbound

Imagine the result

M.A. OK  
524 10-3-08

ARCADIS  
2081 Vista Parkway  
West Palm Beach  
Florida 33411  
Tel 561.697.7000  
Fax 561.697.7751  
www.arcadis-us.com

Transportation

Date:  
October 1, 2008

Contact:  
Henry W. Deibel, Jr.,  
P.E.  
Phone:  
697-7075

Email:  
Hank.deibel@arcadis-us.com

Our ref:

Florida License Numbers

Engineering  
EB00007917

Geology  
GB564

Landscape Architecture  
LC26000269

Surveying  
LB7062



## ARCADIS

Mr. Dave Young  
October 1, 2008

- Single left turn lane
- Single right turn lane

ARCADIS will prepare plans for the roadway and traffic signal improvements necessary for the construction of the project.

The project limits will be from approximately 1000-feet south of the intersection to 1500-feet north of the intersection, and will extend a distance of approximately 500-feet east of the intersection along Burns Road.

A field survey was performed for use in the preparation of preliminary plans for the intersection. Additional field survey will be required on the north end of the project to finalize the plans. The field survey will be supplemented by a location survey and cross sections for a distance of 500-feet north of the existing survey limits.

A geotechnical investigation will be conducted for the project. Roadway borings will be performed for the project in accordance with the attached proposal from Tierra South Florida.

The following plan sheets will be prepared:

- Cover Sheet
- Typical Sections
- Details
- General Notes
- Summary of Quantities
- Roadway Plans
- Cross Sections
- Pavement Marking and Signage Plans
- Traffic Signal Plans

ARCADIS will prepare and submit permit application packages to the following agencies:

- South Florida Water Management District ERP
- FDOT
  - Typical Section approval
  - Pavement Design approval

ARCADIS

Mr. Dave Young  
October 1, 2008

- Access Driveway Permit (roadway and signals)
- FDOT variance approval (for 45:1 transition rate of widening on the south approach)

ARCADIS will provide plans for the following County reviews:

- 65% plans
- 96% plans
- 100% plans
- Final plans

If required by the FDOT, ARCADIS will prepare a CAP plan and conduct a public information meeting for the project. ARCADIS will develop and distribute a public meeting flyer, advertisement, and displays for use during the meeting. ARCADIS will arrange for the meeting date and will coordinate and host the public meeting.

Attached please find a breakdown of our fees for this project. We look forward to working with Palm Beach County towards the successful completion of this project.

Sincerely,

ARCADIS



Henry W. Deibel, Jr., P.E.  
Associate Vice President

Copies:

Maroun Azzi, P.E.

**ARCADIS US, INC.**  
**ESTIMATE OF WORK EFFORT FOR ENGINEERING**  
**MILITARY TRAIL & BURNS ROAD**  
**INTERSECTION IMPROVEMENTS**  
**PALM BEACH COUNTY PROJECT NUMBER 2007102**

Total Contract Cost Computations	\$	29,127.20
Total Activity Salary Costs		
(a) Overhead Additives:		
(a1) Combined OH Percent		166.00%
(a2) Combined OH Cost	\$	48,351.15
Subtotal (Salary + Overhead)		<u>\$77,478.35</u>
(b) Operating Margin Percent		10.00%
(b) Operating Margin Cost		<u>\$7,747.84</u>
<b>TOTAL LUMP SUM BASIC SERVICES</b>		<b>\$85,226.19</b>

**REIMBURSABLE EXPENSES**

Survey Services ( Kathleen Hall Land Surveying)		\$4,168.50
Geotechnical Engineering (Tierra)	\$	8,144.00
Permit Application Fees	\$	2,000.00
Utility Pothole allowance	\$	6,000.00
Drainage Design (JGH Engineering)	\$	9,175.00
<b>TOTAL REIMBURSABLE EXPENSES (N.T.E.)</b>		<b>\$29,487.50</b>

**OPTIONAL SERVICES**

Construction Phase Services (20 hrs @ \$134.01/hr.)		\$2,680.20
CAP Plan Preparation (60 hours @ \$134.01/hr.)		\$8,040.60
Newspaper Ad, Mailings & Displays for CAP		\$7,845.27
<b>TOTAL OPTIONAL SERVICES (N.T.E.)</b>		<b>\$18,566.07</b>

<b>PROJECT TOTAL</b>	<b>\$133,279.76</b>
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*\* 2.926% multiplier*

ARCADIS US, INC.

ESTIMATE OF WORK EFFORT FOR ENGINEERING  
 MILITARY TRAIL & BURNS ROAD  
 INTERSECTION IMPROVEMENTS  
 PALM BEACH COUNTY PROJECT NUMBER 2007102

	PROJECT MANAGER		PROJECT ENGINEER		SR. CADD OPERATOR		ACTIVITY TOTAL MAN HOURS
	MAN	HOURLY	MAN	HOURLY	MAN	HOURLY	
	HOURS	RATE	HOURS	RATE	HOURS	RATE	
DESIGN ANALYSIS	32.0	\$ 45.80	20.0	\$ 34.80	8.0	\$ 21.00	60.0
DRAINAGE ANALYSIS	1.0	\$ 45.80	3.0	\$ 34.80	2.0	\$ 21.00	6.0
ROADWAY PLANS	74.0	\$ 45.80	148.0	\$ 34.80	198.0	\$ 21.00	420.0
UTILITIES	9.0	\$ 45.80	39.0	\$ 34.80	12.0	\$ 21.00	60.0
PERMITTING	74.0	\$ 45.80	116.0	\$ 34.80	-	\$ 21.00	190.0
SIGNING & PAVEMENT MARKING PLANS	8.0	\$ 45.80	16.0	\$ 34.80	24.0	\$ 21.00	48.0
SIGNAL PLANS	32.0	\$ 45.80	40.0	\$ 34.80	12.0	\$ 21.00	84.0
<b>TOTALS</b>	<b>230.0</b>		<b>382.0</b>		<b>256.0</b>		<b>868.0</b>

\$ 10,534.00      \$ 13,217.20      \$ 5,376.00

DESIGN ANALYSIS	\$ 1,465.60	\$ 692.00	\$ 168.00
DRAINAGE ANALYSIS	\$ 45.80	\$ 103.80	\$ 42.00
ROADWAY PLANS	\$ 3,389.20	\$ 5,120.80	\$ 4,158.00
UTILITIES	\$ 412.20	\$ 1,349.40	\$ 252.00
PERMITTING	\$ 3,389.20	\$ 4,013.60	\$ -
SIGNING & PAVEMENT MARKING PLANS	\$ 366.40	\$ 553.60	\$ 504.00
SIGNAL PLANS	\$ 1,465.60	\$ 1,384.00	\$ 252.00
<b>TOTALS</b>	<b>\$ 10,534.00</b>	<b>\$ 13,217.20</b>	<b>\$ 5,376.00</b>

\$ 29,127.20

	BY ACTIVITY	COST FOR ACTIVITY	HOURLY RATE
DESIGN ANALYSIS	60.0	\$ 2,325.60	38.76
DRAINAGE ANALYSIS	6.0	\$ 191.60	31.93
ROADWAY PLANS	420.0	\$ 12,668.00	30.16
UTILITIES	60.0	\$ 2,013.60	33.56
PERMITTING	190.0	\$ 7,402.80	38.96
SIGNING & PAVEMENT MARKING PLANS	48.0	\$ 1,424.00	29.67
SIGNAL PLANS	84.0	\$ 3,101.60	36.92
<b>TOTALS</b>	<b>784.0</b>	<b>\$ 29,127.20</b>	<b>\$37.15</b>

*Average per hour*

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 1 - DESIGN ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
1. Prepare Scroll Plot Exhibits	Ea				0				
2. Calculate Right of Way Areas	L.S.				0				
3. Update Access Management	L.S.				0				
4. FDOT Typical Section Package	L.S.	1	12		12	4.0		8.0	
5. Pavement Design Package	L.S.	1	24		24	8.0	16.0		
6. FDOT Conceptual approval	L.S.				0				
7. Contract File (Set-up and Maintenance)	L.S.				0				
8. Summary of Pay Items	L.S.				0				
9. C.E.S. / Summary of Pay Items	L.S.				0				
10. Special Provisions	L.S.				0				
<b>SUBTOTAL THIS SHEET</b>					<b>36</b>	<b>12</b>	<b>16</b>	<b>8</b>	

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 1 - DESIGN ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
11. Quality Control	0%				0				
12. Supervision	0%				0				
13. Field Reviews	EA	1	8		8	4.0	4.0		
14. Progress Meetings	EA	4	2		8	8.0			
15. Meeting with City of Palm Beach Gardens	EA	2	4		8	8.0			
<b>SUBTOTAL THIS SHEET</b>					<b>24</b>	<b>20</b>	<b>4</b>	<b>0</b>	
<b>TOTAL SUBACTIVITY 1</b>					<b>60</b>	<b>32</b>	<b>20</b>	<b>8</b>	

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2 - DRAINAGE DESIGN & ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
1. Design of Cross Drains	Ea.	4	4		16	2.0	14.0		
2. Drainage Maps	Sheet				0				
3. Design of Outfall Ditches	Ea.				0				
4. Interchange Drainage Design	Ea.				0				
5. Design of Storm Sewers	Ea.	6	4		24	4.0	26.0	4.0	
6. Design of Stormwater Retention / Detention Fac.	Ea.				0				
7. Design of Special Drainage Systems	L.S.	1	8		8	1.0	7.0		EXFILTRATION TRENCH
8. Preparation of Bridge Hydraulics Report	Ea.				0				
9. Drainage Design Report	L.S.	1	24		24	4.0	20.0		
10 Investigate Outfall Requirements	L.S.	1	10		10	2.0	8.0		
11 Pond Siting Report	L.S.				0				
<b>SUBTOTAL THIS SHEET</b>					<b>82</b>	<b>13</b>	<b>75</b>	<b>4</b>	

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 2 - DRAINAGE DESIGN & ANALYSIS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
10. Quality Control	0%				0				
11. Supervision	0%				0				
12. Field Reviews	Ea.				0				
13. Progress Meetings	Ea.				0				
14 Drainage Pond Analysis	LS				0				
<b>SUBTOTAL THIS SHEET</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL</b>					<b>82</b>	<b>13</b>	<b>75</b>	<b>4</b>	



HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 3 - ROADWAY PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
1. Key Map	Sheet	1	4	1	4		1.0	3.0	
2. Typical Section & Notes	Sheet	5	4	5	20	2.0	6.0	12.0	
3. Summary of Quantities	Each	1	24	1	24	2.0	10.0	12.0	
4. Plans	Sheet	5	45	5	225	40.0	71.0	114.0	
5. Plateau Intersection Details	Each	1	24		24	3.0	8.0	12.0	
6. Profiles	Sheet				0				
7. Canal Relocation plans	Sheet				0				
8. Drainage Structure Sheets	Ea. Structure				0				
9. Miscellaneous Construction Details	L.S.	2	8	2	16	2.0	6.0	8.0	
10. Summary of Drainage Structures	Sheet				0				
11. Cross-Sections	Ea.	15	4	5	60	12.0	18.0	30.0	
12. Baseline Control	Sheet	1	8	1	8	1.0		7.0	
13 Cost Estimates	Each	4	4	4	16	8.0	8.0		
<b>SUBTOTAL THIS SHEET</b>					<b>397</b>	<b>70</b>	<b>128</b>	<b>198</b>	

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 3 - ROADWAY PLANS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS	
14 Detention Area Plan & Details	Each				0					
15 Critter Crossing Plans	L.S.				0					
16 Quantity Computation Booklet	L.S.	1	24		24	4.0	20.0			
17 Quality Control	0%				0					
18 Supervision	0%				0					
SUBTOTAL THIS SHEET					24	4.0	20.0	0.0		
<b>TOTAL</b>					<b>421</b>	<b>74</b>	<b>148</b>	<b>198</b>		

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 4-UTILITIES / RAILROADS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
1. Initial Contact	Ea.	8	1		8		8.0		
2. FPL Coordination	Ea.	1	8	1	8		8.0		
3. Coordination with Utility Companies	Ea.	8	3		24	4.0	8.0	12.0	INCLUDES PLOTTING EXISTING FACILITIES
4. Utility Pothole Meeting	Ea.	1	4		4	1.0	3.0		
5. Final Utility Meeting	Ea.	1	4		4	1.0	3.0		
6. Pre Work Meeting	Ea.	1	4		4	1.0	3.0		
7. PBCo. ITCS	Ea.	1	16		16	2.0	6.0	8.0	
<b>SUBTOTAL THIS SHEET</b>					<b>68</b>	<b>9</b>	<b>39</b>	<b>12</b>	
8. Quality Control	0%				0				
9. Supervision	0%				0				
10. Utility Meetings									
<b>TOTAL</b>					<b>68</b>	<b>9</b>	<b>39</b>	<b>12</b>	

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 5 - ENV. SERVICES / PERMITS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
1. FDOT Meetings and Coordination	Ea.	6	4		24	24.0			
2. Agency Coordination (Includes all Phases)	L.S.	3	24		72	24.0	48.0		FDOT & SFWMD
3. Establish Wetland Jurisdictional Lines	L.S.				0				
4. Agency Field Review	L.S.	1	4		4		4.0		
5. Prepare Wetland Resouce / Dredge & Fill Permit Application	L.S.				0				
6. Prepare Stormwater Mgmt. & Surface Water Permit Application (MSSW)	L.S.	1	12		12	2.0	10.0		
7. Address SFWMD RAI comments	L.S.	1	8		8	2.0	6.0		
8. Prepare SFWMD Dewatering Permit	L.S.	1	16		16	4.0	12.0		
9. Prepare FDOT Permit Application	L.S.	1	16		24	4.0	20.0		
10. Address FDOT comments	L.S.	1	24		30	14.0	16.0		
11. Prepare USACOE Permits	L.S.				0				
12. Mitigation Coordination and Meetings	L.S.				0				
<b>TOTAL</b>					<b>190</b>	<b>74</b>	<b>116</b>	<b>0</b>	

HIGHWAY TASK LIST

ACTIVITY: A. ROADWAY PLANS PACKAGE

SUBACTIVITY: 5 - ENV. SERVICES / PERMITS

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
12. Mitigation Design	L.S.				0				
13. Mitigation Plans (Includes all Phases)	Sheet				0				
<b>SUBTOTAL THIS SHEET</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
14. Quality Control	0%				0				
15. Supervision	0%				0				
<b>TOTAL</b>					<b>190</b>	<b>74</b>	<b>116</b>	<b>0</b>	

HIGHWAY TASK LIST

ACTIVITY: B. SIGNING & PAVEMENT MARKINGS

SUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
1. Key Sheet	Sheet				0				
2. General Notes	Sheet				0				
3. Tabulation of Quantities	Sheet				0				
4. Plan Sheets	Sheet	6	8	6	48	8	16	24	
5. Guide Sign Worksheet	EA				0				
6. Cross-Sections & Layout	EA				0				
7. Special Marking Details	EA				0				
8. Sign Details	Sheet				0				
9. Metal / Concrete Pole Details	EA				0				
10. Service Point Details	EA				0				
11. C.E.S. / Summary of Pay Items	L.S.				0				
12. Special Provisions	L.S.				0				
<b>TOTAL</b>					<b>48</b>	<b>8</b>	<b>16</b>	<b>24</b>	

HIGHWAY TASK LIST

ACTIVITY: B.SIGNING & PAVEMENT MARKINGS

SUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	PROJECT MANAGER	PROJECT ENGINEER	SR. CADD	REMARKS
13. Quality Control	0%				0				
14. Supervision	0%				0				
15. Field Review	0%				0				
16. Progress Meeting	0%				0				
<b>TOTAL</b>					<b>48</b>	<b>8</b>	<b>16</b>	<b>24</b>	



**TIERRA SOUTH FLORIDA**  
*Geotechnical Engineering - Material Testing - Inspection Services*

September 18, 2008

ARCADIS  
2081 Vista Parkway  
West Palm Beach, Florida 33411

Attn: Mr. Hank Deibel, Jr., P.E., Vice President

Re: **Proposal for Geotechnical Services**  
**Estimated Scope and Cost Proposal – Roadway Widening**  
**Burns Road and Military Trail**  
**Palm Beach County, Florida**  
**TSF Proposal No.: 0809-014**

Dear Hank:

As requested, **Tierra South Florida, Inc. (TSF)** is pleased to submit this revised proposal for the above-referenced project. The proposal is based on an email from Mr. Hank Deibel, P.E. on September 18, 2008. It is our understanding that the project will include widening the intersection on the east side from Station 4+00 to 25+00 and Burns Road from Station 101+00 to 104+00. This proposal includes an outline of our proposed scope of work, an estimate of the total fees, and our anticipated schedule for completion of the work.

**PROPOSED SCOPE OF WORK**

All work performed by TSF, Inc. will be in general accordance with FDOT standards. Based on the information provided, we understand that the widening will be about 2,400 feet long. A total of 24 borings will be drilled to a depth 6 feet below grade at 100 feet interval and one Double Ring Infiltrimeter. Additionally, we understand that a mast arm will be relocated. We propose to drill one SPT Boring to depth a depth 30 feet below existing grade.

Within the borings, undisturbed sample collection will be performed in general accordance with the requirements of ASTM D 1587. Borings will be approximately located in the field by our personnel by measuring distances with a tape from known reference points. We assume that others will



identify any underground utilities existing in the exploratory area. Elevations at boring locations can be interpreted from topographic plans if furnished by others.

Upon completion of the field exploration, laboratory testing will be performed on selected samples. The study will be summarized in accordance with the FDOT's Soil and Foundation Manual, 2006.

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

#### **ESTIMATED FEES**

It is proposed that the fee for the performance of the services outlined above is determined on a unit price basis in accordance with the attached Fee Schedule, and that the work be performed pursuant to TSF's General Conditions enclosed herewith and incorporated into this proposal. On the basis of the proposed quantities, it is estimated that the total fee will be approximately \$8,144.

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

This estimated fee assumes that the site is readily accessible to our truck-mounted drilling equipment. Any bulldozer or wrecker services required to provide access pathways or mobility assistance to our truck-mounted drill rig are not included in this proposal. In the event if the boring locations fall within the wooded areas requiring site clearance for site access, then an estimate will be provided for site clearance before commencing the field work.

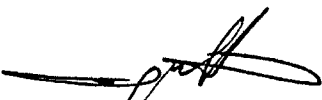
**SCHEDULE AND AUTHORIZATION**


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

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

Respectfully submitted,

**TIERRA SOUTH FLORIDA, INC.**

  
Raj Krishnasamy, P.E.  
Principal Engineer

  
Katie White  
Business Development Manager

RK:  
Attachments: 1. Fee Breakdown

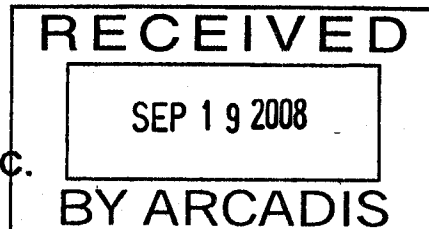
AUTHORIZED BY:	INVOICE TO:
Firm:	Firm:
Name:	Name:
Title:	Address:
Date:	Phone #:
	Fax #:

TIERRA SOUTH FLORIDA, INC.  
ATTACHMENT - 1  
FEE SCHEDULE FOR GEOTECHNICAL SERVICE

I.	FIELD INVESTIGATION	Unit	# of Units	Unit Price	Total
	Mobilization of Men and Equipment				
	Truck-Mounted Equipment	Trip	1	\$ 350.00	\$ 350.00
	Standard Penetration Test Borings (By Truck-Mounted Equipment)				
	0 - 50 ft depth	L.F.	30	\$ 12.00	\$ 360.00
	50 - 100 ft depth	L.F.	0	\$ 14.00	\$ 0.00
	Grout-Seal Boreholes (By Truck-Mounted Equipment)				
	0 - 50 ft depth	L.F.	30	\$ 4.50	\$ 135.00
	50 - 100 ft depth	L.F.	0	\$ 5.50	\$ 0.00
	Casing Allowance (By Truck-Mounted Equipment)				
	0 - 50 ft depth	L.F.	15	\$ 6.00	\$ 90.00
	50 - 100 ft depth	L.F.	0	\$ 8.00	\$ 0.00
	Rock Coring (Structures) (By Truck-Mounted Equipment)				
	0 - 50 ft deep	L.F.	0	\$ 40.00	\$ 0.00
	50 - 100 ft deep	L.F.	0	\$ 60.00	\$ 0.00
	Traffic Control (1-man crew with safety equipments)	Day	1	\$ 800.00	\$ 800.00
	Auger Borings (Roadway)	L.F.	144	\$ 8.50	\$ 1,224.00
	Borehole Logging	Hour	0	\$ 45.00	\$ 0.00
	Hand Muck Probes (2-man crew)	Day	0	\$ 800.00	\$ 0.00
	Double Ring Infiltration Test	Test	1	\$ 450.00	\$ 450.00
	Pavement Cores, Asphalt	Each	0	\$ 75.00	\$ 0.00
	Core Machine Rental	Day	0	\$ 250.00	\$ 0.00
II.	LABORATORY TESTING				
	Visual Examination by Profect Engineer	Hour	4	\$ 85.00	\$ 340.00
	Natural Moisture Content Tests	Test	2	\$ 10.00	\$ 20.00
	Grain-Size Analysis - Full Gradation	Test	2	\$ 60.00	\$ 120.00
	Grain-Size Analysis - Single Sieve	Test	0	\$ 25.00	\$ 0.00

TIERRA SOUTH FLORIDA, INC.  
ATTACHMENT - 1  
FEE SCHEDULE FOR GEOTECHNICAL SERVICE

	Unit	# of Units		Unit Price		Total
Organic Content Tests	Test	4	\$	35.00	\$	140.00
Atterberg Limit Tests	Test	0	\$	75.00	\$	0.00
Environmental Tests (pH, sulfates, chlorides, resistivity)	Set	1	\$	185.00	\$	185.00
LBR Test	Test	0	\$	300.00	\$	0.00
<b>III. FIELD ENGINEERING AND TECHNICAL SERVICES</b>						
Site Recon./Utility Coordination/Traffic Control/FDOT Permit						
Sr. Engineering Technician	Hour	12	\$	55.00	\$	660.00
<b>IIIA. ENGINEERING AND TECHNICAL SERVICES</b>						
Principal Engineer	Hour	2	\$	125.00	\$	250.00
Senior Geotechnical Engineer	Hour	6	\$	115.00	\$	690.00
Project Engineer	Hour	20	\$	100.00	\$	2,000.00
Draftperson	Hour	6	\$	55.00	\$	330.00
Administrative Assistant	Hour	0	\$	30.00	\$	0.00
<b>TOTAL FEE FOR GEOTECHNICAL SERVICES - ROADWAY</b>					<b>\$</b>	<b>8,144.00</b>



**KATHLEEN L. HALL LAND SURVEYING, INC.**  
5499 N. Federal Highway  
Suite N  
Boca Raton, Fl. 33487  
Tel.(561)443-0426 Fax.(561)443-0429  
e-mail: hall4103@bellsouth.net

September 19, 2008

Fax. (561)697-7751

Mr. Hank Deibel, P.E.  
Arcadis  
2081 Vista Parkway  
West Palm Beach, Fl. 33411

RE: **PROPOSAL**  
Military Trail & Burns Rd. Extension

Dear Hank:

The following proposal is submitted per your request:

**SCOPE OF SERVICES**

Engineering Survey – Perform survey according to client's Survey Checklists  
Dated 9/19/08

Fee ✓ \$ 4,168.50

Yours truly,  
**KATHLEEN L. HALL LAND SURVEYING, INC.**

Kathleen L. Hall, P.L.S.  
President

**HOURLY BREAKDOWN  
(MILITARY TRAIL & BURNS RD.EXTENSION)**

<u>TASK</u>	<u>FIELD</u>	<u>CADD</u>	<u>PLS</u>
RE-ESTABLISH B/L; REFERENCE & TIE TO COORDINATE SYSTEM	8 HRS	4 HRS	2 HRS
R/W & PROPERTY LINE DETERMINATION	0 HRS	4 HRS	2 HRS
TOPOGRAPHY	9 HRS	5 HRS	2 HRS
CROSS SECTIONS	5 HRS	3 HRS	1 HR
BENCHMARKS	2 HRS	0 HRS	0 HRS
TOTAL HOURS	24 HRS	16 HRS	7 HRS
HOURLY RATE	x\$105.30/HR	x\$62.90/HR	x\$90.70/HR
TOTAL	\ \$ 2,527.20	\ \$ 1,006.40	\ \$ 634.90

PARCEL SKETCHES \$400 EACH



4003 Willow Run  
Palm Beach Gardens, FL 33418  
Ph.: (561) 776-0276 Fax: (561) 776-0455  
JGH-ENG.COM

December 5, 2008

Hank Deibel  
ARCADIS G&M, Inc.  
2081 Vista Parkway  
West Palm Beach, FL 33411

Subject: Military Trail and Burns Road Intersection Improvements

Dear Mr. Deibel:

Enclosed, as requested, please find a scope and budget to provide stormwater engineering services for the above referenced project. Should you have any questions, please do not hesitate to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey Hiscock".

Jeffrey G. Hiscock, P.E.

Enclosure

cc:

**PALM BEACH COUNTY**  
**Military Trail and Burns Road Intersection Improvements**  
**JGH ENGINEERING - SCOPE OF SERVICES**

***OVERVIEW***

Palm Beach County has requested engineering services to design the addition of a turn lane and other improvements at the intersection of Military Trail and Burns Road. JGH Engineering (JGH) has been requested by ARCADIS to perform the following drainage related tasks:

***Meetings and Coordination***

Two meetings are assumed along with periodic coordination with ARCADIS.

***Data Acquisition***

Survey information and soil hydraulic conductivity values will be obtained from ARCADIS. Previous permits will be obtained and reviewed from the South Florida Water Management District. Local well field zones of influence will be verified as they may affect locations of exfiltration trenches.

***Water Quality Computations***

The water quality volume required for the project will be calculated and the length and size of exfiltration trenches will be determined based on the hydraulic conductivity of the soils. The hydraulic conductivity will be provided by others (open hole tests by a geotechnical engineering firm).

***Hydrologic and Hydraulic Modeling***

A flood routing model of the entire basin (or basins) will be set up with the proposed pipe improvements and exfiltration trenches to verify that existing discharges rates are not exceeded. Additionally, a hydraulic model will be set up to verify the optimum size and configuration of the drainage modifications. Subbasins for each individual inlet will be delineated FDOT standards will be observed.

***Pipe Sizing and Layout***

The pipe configuration and sizes resulting from the hydraulic model will be sketched onto a base map. Inlet and manhole locations will also be identified along with the location of proposed exfiltration trenches. Survey information will be reviewed to determine the final invert elevations and to avoid conflicts wherever possible. Conflict structures will be identified where and if needed.



**SFWMD Permitting**

An application will be prepared for an Environmental Resource Permit at the South Florida Water Management District (or for a permit modification if a permit already exists). A "No Notice" permit review is anticipated. JGH may contact the District regarding requirements for the project. The application will include a request for construction and operation approval. JGH will provide reasonable coordination with the District to resolve outstanding permit issues after filing the application. Application fees, if required, are not included in this scope and are assumed to be paid by the County.

**JGH Engineering Services Cost Estimate**

Task	Engineering	
	Hrs	\$115/hr
Meetings and Coordination	12	\$1,380
Data Acquisition	10	\$1,150
Water Quality Computations	6	\$690
Hydrologic and Hydraulic Modeling	22	\$2,530
Pipe Sizing and Layout	6	\$690
SFWMD Permitting	22	\$2,530
Subtotal		\$8,970

<u>Expenses</u>	
Computer Time (20.5 hr @ \$10/hr)	\$205
Subtotal	\$205
Total	\$9,175

# EXHIBIT "B"

**Project:** Burns Road and Military Trail Intersection Improvements  
**Project No.:** 2007102  
**CONSULTANT:** Arcadis U.S., Inc.

**TRUTH-IN-NEGOTIATION STATEMENT**

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

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

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

**PROHIBITION AGAINST CONTINGENT FEES STATEMENT**

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

**PUBLIC ENTITY CRIMES STATEMENT**

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

**NON-DISCRIMINATION STATEMENT**

The **CONSULTANT** warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, sexual orientation, gender identity and expression.



Henry W. Deibel, Jr., P.E., Associate Vice President

**CONFLICT OF INTEREST DISCLOSURE FORM**

Project: Burns Road and Military Trail Intersection Improvements  
Project No.: 2007102

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

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(Attach additional sheets as needed.)

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


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

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

**THIS DISCLOSURE** is submitted by Henry W. Deibel, Jr., P.E., as  
(Name of Individual)

Associate Vice President, of Arcadis U.S., Inc.  
(Title/Position) (Firm Name of ENGINEER)

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

  
\_\_\_\_\_  
(Signature) 11/21/08  
\_\_\_\_\_  
(Date)

**EXHIBIT "C"**

12/10/2008

## PARTICIPATION FOR MWBE/SBE CONSULTANTS

### Supplement Number 1

Project Name: **Burns Road and Military Trail Intersection**

Project No.: **2007102**

Prime Consultant: **Arcadis U.S., Inc.**

Prime Contact Person: **Henry W. Deibel, Jr., P.E.**

Telephone No.: **(561) 697-7000**

Resolution Date: **12/07/2004**

Res #: **R2004-2466**

Supplement date: **12/09/2008**

Department: **Engineering & Public Works**

Name / Address / Telephone of Minority Sub-Consultant	Type / Description of Work Performed by Sub-Consultant		Contract Dollar Amount for Sub-Consultant				
			Black	Hispanic	Other	Women	White Male
JGH Engineering 4003 WILLOW RUN PALM BEACH GARDENS, FL 33418 (561) 776-0276	Drainage	MWBE	0.00	0.00	0.00	0.00	
		SBE	0.00	0.00	0.00	0.00	9,175.00
Kathleen L. Hall Land Surveying, Inc. 5499 N FEDERAL HWY STE N BOCA RATON, FL 33487 (561) 443-0426	Surveyor	MWBE	0.00	0.00	0.00	0.00	
		SBE	0.00	0.00	0.00	4,168.50	0.00
Tierra South Florida, Inc. 2765 VISTA PKY STE 9 WEST PALM BEACH, FL 33411 (561) 687-8539	Geotechnical	MWBE	0.00	0.00	8,144.00	0.00	
		SBE	0.00	0.00	0.00	0.00	0.00
<b>Total MWBE</b>			<b>0.00</b>	<b>0.00</b>	<b>8,144.00</b>	<b>0.00</b>	
<b>%</b>					<b>6.11</b>		
<b>Total SBE</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4,168.50</b>	<b>9,175.00</b>
<b>%</b>						<b>3.12</b>	<b>6.88</b>

Total Supplement Amount: **133,279.76**

**EXHIBIT "D"**

**SCHEDULE 2**

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

PROJECT NO. 2007102

PROJECT NAME: Burns Road and Military Trail Intersection Improvements

TO: Arcadis U.S., Inc.  
(Name of Prime Consultant)

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

Small Business Enterprise (SBE)  Minority Business Enterprise (M/WBE) \_\_\_\_\_

Black \_\_\_\_\_ Hispanic \_\_\_\_\_ Women  Caucasian \_\_\_\_\_ Other (Please Specify) \_\_\_\_\_

Date of Palm Beach County Certification: April 26, 2007

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

Survey Services. Engineering Survey. Perform survey according to client's Survey Checklists dated 9/19/08. Tasks include: re-establish B/L; reference and tie to coordinate system; topography; cross sections and benchmarks.

SBE-M/WBE Participation 3.12 %

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

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

Kathleen L. Hall Land Surveying, Inc.  
(Print name of SBE-M/WBE Subcontractor)

By:   
(Signature)

Kathleen L. Hall, President  
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: November 17, 2008



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

PROJECT NO. 2007102

PROJECT NAME: Burns Road and Military Trail Intersection Improvements

TO: Arcadis U.S., Inc.  
(Name of Prime Consultant)

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

Small Business Enterprise (SBE) \_\_\_\_\_ Minority Business Enterprise (M/WBE) X

Black \_\_\_\_\_ Hispanic \_\_\_\_\_ Women \_\_\_\_\_ Caucasian \_\_\_\_\_ Other (Please Specify) X

Date of Palm Beach County Certification: June 2, 2009

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

Geotechnical Services. A total of 24 borings will be drilled to a depth of 6 feet below grade at 100 feet interval and one Double Ring Infiltrometer. The mast arm will be relocated. Drill one SPT boring to depth of 30 feet below existing grade.

SBE-M/WBE Participation 6.11 %

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

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

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

By: \_\_\_\_\_  
(Signature)

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

Date: November 17, 2008

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

PROJECT NO. 2007102

PROJECT NAME: Burns Road and Military Trail Intersection Improvements

TO: Arcadis U.S., Inc.  
(Name of Prime Consultant)

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

Small Business Enterprise (SBE)  Minority Business Enterprise (M/WBE) \_\_\_\_\_

Black \_\_\_\_\_ Hispanic \_\_\_\_\_ Women \_\_\_\_\_ Caucasian  Other (Please Specify) \_\_\_\_\_

Date of Palm Beach County Certification: \_\_\_\_\_

The undersigned is prepared to perform the following described work in connection with the above project and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

**(Specify in detail particular work items or parts thereof to be performed)**

Stormwater Engineering Services. Tasks to include data acquisition, water quality computations, hydrologic and hydraulic modeling, pipe sizing and layout.

SBE-M/WBE Participation 6.88 %

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

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

JGH Engineering  
(Print name of SBE-M/WBE Subcontractor)

By:   
(Signature)

Jeffrey G. Hiscock, P.E.  
(Print name/title of person executing on behalf of SBE-M/WBE Subconsultant)

Date: December 10, 2008

# ACORD - CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
06/04/2008

**PRODUCER**  
Aon Risk Services South, Inc.  
fka Aon Risk Services, Inc. of Tennessee  
501 Corporate Centre Drive  
Suite 300  
Franklin TN 37067 USA  
  
PHONE - (866) 283-7122 FAX - (847) 953-5390

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**  
ARCADIS U.S., Inc.  
630 Plaza Dr Ste 200  
Highlands Ranch CO 80129-2379 USA

INSURERS AFFORDING COVERAGE		NAIC #
INSURER A:	Lexington Insurance Company	19437
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		

**COVERAGES** SIR May Apply  
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. LIMITS SHOWN ARE AS REQUESTED

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE(MM/DD/YYYY)	POLICY EXPIRATION DATE(MM/DD/YYYY)	LIMITS	
		<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				EACH OCCURRENCE	
						DAMAGE TO-RENTED PREMISES (Ea occurrence)	
						MED EXP (Any one person)	
						PERSONAL & ADV INJURY	
						GENERAL AGGREGATE	
						PRODUCTS - COMPOP AGG	
		<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident)	
						BODILY INJURY ( Per person)	
						BODILY INJURY (Per accident)	
						PROPERTY DAMAGE (Per accident)	
		<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT	
						OTHER THAN AUTO ONLY: EA ACC	
						AGG	
		<b>EXCESS / UMBRELLA LIABILITY</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE  <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION				EACH OCCURRENCE	
						AGGREGATE	
		<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS	OTH-ER
						E.L. EACH ACCIDENT	
						E.L. DISEASE-EA EMPLOYEE	
						E.L. DISEASE-POLICY LIMIT	
A		<b>OTHER</b> Contractor Poll	5766461 Prof Liab - Contractors	06/01/08	06/01/09	Each Claim	\$5,000,000
						Annual Aggregate	\$5,000,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS  
 Re: Engineering Design Services  
 Palm Beach County Board of County Commissioners, a Political Subdivision of the State of Florida, its officers, Employees, and Agents are added as additional Insureds on the Pollution Liability policy as respects Liability

**CERTIFICATE HOLDER**  
 Palm Beach County  
 Attn: JaeAnn Dean  
 2300 North Jog Road  
 West Palm Beach FL 33411 USA

**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 *Aon Risk Services, Inc. of Tennessee*

Holder Identifier :

Certificate No : 570028830645



**Attachment to ACORD Certificate for** ARCADIS U.S., Inc.

The terms, conditions and provisions noted below are hereby attached to the captioned certificate as additional description of the coverage afforded by the insurer(s). This attachment does not contain all terms, conditions, coverages or exclusions contained in the policy.

**INSURED**

ARCADIS U.S., Inc.  
630 Plaza Dr Ste 200  
Highlands Ranch CO 80129-2379 USA

INSURER
INSURER
INSURER
INSURER
INSURER

**ADDITIONAL POLICIES**

If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

INSR LTR	ADDT. INSRD	TYPE OF INSURANCE	POLICY NUMBER POLICY DESCRIPTION	POLICY EFFECTIVE DATE	POLICY EXPIRATION DATE	LIMITS
		OTHER				
		<input checked="" type="checkbox"/> Claims-Made				
		<input checked="" type="checkbox"/> Professional Liabil-				
		<input checked="" type="checkbox"/> and Contractors				
		<input checked="" type="checkbox"/> Pollution Liability				

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

arising out of activities by, or on behalf of the named Insured for this project.

Prior acts (Retro) of January 1, 1958 applies to this contract for the Professional Liability and September 26, 2000 for the Pollution Liability coverage.

For Professional Liability coverage, the Aggregate Limit is the total insurance available for claims presented within the policy period for all operations of the insured. The Limit will be reduced by payments of indemnity and expense.

Cancellation provision shown herein is subject to shorter or longer time periods depending on the jurisdiction of, and reason for, the cancellation.

# ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
06/04/2008

**PRODUCER**  
Aon Risk Services South, Inc.  
fka Aon Risk Services, Inc. of Tennessee  
501 Corporate Centre Drive  
Suite 300  
Franklin TN 37067 USA

PHONE: (866) 283-7122 FAX: (847) 953-5390

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**  
ARCADIS U.S., INC.  
630 Plaza Dr Ste 200  
Highlands Ranch CO 80129-2379 USA

INSURERS AFFORDING COVERAGE		NAIC #
INSURER A:	Greenwich Insurance Company	22322
INSURER B:	XL Specialty Insurance Co	37885
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 LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS SHOWN ARE AS REQUESTED	
						LIMITS	
A		<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO. JECT <input checked="" type="checkbox"/> LOC	GEC001076106 General Liability	01/01/08	01/01/09	EACH OCCURRENCE	\$1,000,000
						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
						MED EXP (Any one person)	\$10,000
						PERSONAL & ADV INJURY	\$1,000,000
						GENERAL AGGREGATE	\$2,000,000
						PRODUCTS - COMP/OP AGG	\$2,000,000
B	B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON OWNED AUTOS	AEC001075806 Auto (AOS) AEC001719504 Mass Auto	01/01/08	01/01/09	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
						BODILY INJURY (Per person)	
						BODILY INJURY (Per accident)	
						PROPERTY DAMAGE (Per accident)	
		<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT	
						OTHER THAN AUTO ONLY: EA ACC	
						AGG	
		<b>EXCESS / UMBRELLA LIABILITY</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION				EACH OCCURRENCE	
						AGGREGATE	
B	B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	RWD943516302 Workers Compensation RWR943516702 State of Wisconsin	01/01/08	01/01/09	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER	
						E.L. EACH ACCIDENT	\$1,000,000
						E.L. DISEASE-EA EMPLOYEE	\$1,000,000
						E.L. DISEASE-POLICY LIMIT	\$1,000,000
		<b>OTHER</b>					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS  
 RE: Engineering Design Services for all projects with Palm Beach County. Palm Beach County Board of County Commissioners, A Political Subdivision of the State of Florida, its Officers, Employees and Agents are named as Additional Insureds as to General Liability and Automobile Liability. The General Liability and Automobile

**CERTIFICATE HOLDER**  
Palm Beach County  
Attn: JaeAnn Dean  
2300 North Jog Road  
West Palm Beach FL 33411 USA

**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 *Aon Risk Services, Inc. of Tennessee*

Holder Identifier : Certificate No : 570028831145

**Attachment to ACORD Certificate for** ARCADIS U.S., INC.

The terms, conditions and provisions noted below are hereby attached to the captioned certificate as additional description of the coverage afforded by the insurer(s). This attachment does not contain all terms, conditions, coverages or exclusions contained in the policy.

**INSURED**

ARCADIS U.S., INC.  
630 Plaza Dr Ste 200  
Highlands Ranch CO 80129-2379 USA

INSURER
INSURER
INSURER
INSURER
INSURER

**ADDITIONAL POLICIES** If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER POLICY DESCRIPTION	POLICY EFFECTIVE DATE	POLICY EXPIRATION DATE	LIMITS

**DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENTS/SPECIAL PROVISIONS**  
 Liability policies certified hereon are primary to other insurance available to the certificate holder, but only to the extent required by written contract with the insured, and always subject to the policy terms, conditions and exclusions. Waiver of Subrogation is granted in favor of the Additional Insureds referring to General, Automobile liability and Workers Compensation as required by written contract but limited to the operations of the Insured under said contract, and always subject to the policy terms, conditions and exclusions. Cancellation Provision shown herein is subject to shorter or longer time periods depending on the jurisdiction of, and reason for, the cancellation.

## Military Trail & Burns Road Intersection Improvements PBCo. Project No 2007102

ID	Task Name	Duration	Start	Finish	2009												2010		
					Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
1	65% Plans	44 days	Mon 12/1/08	Thu 1/29/09	[Gantt bar]														
2	County Review	22 days	Fri 1/30/09	Mon 3/2/09			[Gantt bar]												
3	96% Plans	66 days	Tue 3/3/09	Tue 6/2/09			[Gantt bar]												
4	County Review	22 days	Wed 6/3/09	Thu 7/2/09															
5	100% Plans	66 days	Fri 7/3/09	Fri 10/2/09															
6	County Review	22 days	Mon 10/5/09	Tue 11/3/09															
7	Final Plans	22 days	Tue 1/5/10	Wed 2/3/10															
8	County Review	22 days	Thu 2/4/10	Fri 3/5/10															
9	FDOT Typical Section Approval	44 days	Mon 12/15/08	Thu 2/12/09	[Gantt bar]														
10	FDOT Pavement Design	88 days	Mon 12/15/08	Wed 4/15/09	[Gantt bar]														
11	FDOT Variance Approval	44 days	Mon 12/15/08	Thu 2/12/09	[Gantt bar]														
12	FDOT Access Permit	264 days	Tue 3/3/09	Fri 3/5/10			[Gantt bar]												
13	SFWMD Permitting	88 days	Wed 3/4/09	Fri 7/3/09			[Gantt bar]												
14	Sketch and Legal Descriptions	22 days	Tue 3/3/09	Wed 4/1/09			[Gantt bar]												
15	County Review	22 days	Thu 4/2/09	Fri 5/1/09															
16	Sketch and Legal Resubmittal	22 days	Mon 5/4/09	Tue 6/2/09															

Project: MSProj11  
Date: Wed 11/26/08

Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

Attachment #3