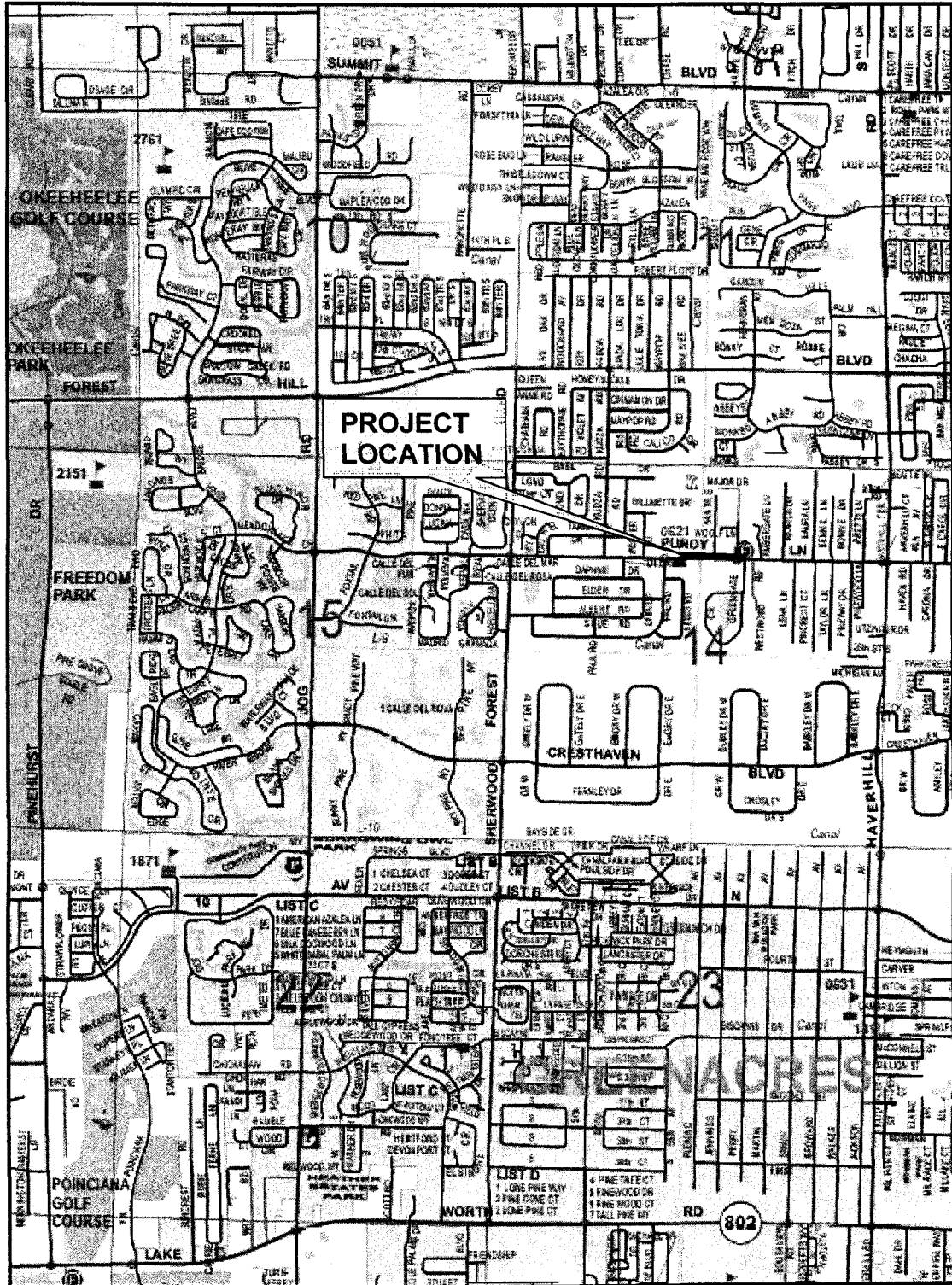


Purdy Lane
Forest Hill Elementary to East of Major Drive
Palm Beach County Project No. 2013523



LOCATION MAP

ATTACHMENT 2

WORK TASK ORDER TO ANNUAL AGREEMENT BETWEEN

**PALM BEACH COUNTY
AND
BRIDGE DESIGN ASSOCIATES, INC.**

FOR PROFESSIONAL ENGINEERING SERVICES ON

**PURDY LANE
FOREST HILL ELEMENTARY TO EAST OF MAJOR DRIVE**

**PROJECT #: 2013523
PALM BEACH COUNTY, FLORIDA**

THIS WORK TASK ORDER TO THE ANNUAL AGREEMENT, made and entered into this day of _____ 2013 by and between Palm Beach County, hereinafter called the **COUNTY**, and Bridge Design Associates, Inc., a Florida Corporation with an address of 1402 Royal Palm Beach Boulevard, Building 200, Royal Palm Beach, FL 33411, hereinafter called the **CONSULTANT**.

WITNESSETH

WHEREAS, the **COUNTY** and **CONSULTANT** entered into an Annual Agreement for structural engineering on a work task order basis on February 15, 2011 (R2011-0174).

WHEREAS, the **COUNTY** desires the **CONSULTANT** to perform structural engineering services for Purdy Lane from Forest Hill Elementary to east of Major Drive, Palm Beach County, Florida (hereinafter called the **PROJECT**); and,

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

**Re: PURDY LANE FROM FOREST HILL ELEMENTARY TO EAST OF MAJOR DRIVE
Project No.: 2013523**

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

Basic Services in a lump sum fee of:	\$121,880.46;
Reimbursable Expenses capped at:	\$ 26,561.79;
Optional Services capped at:	\$ 8,025.00;
Totaling:	\$156,467.25.

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That for and in consideration of the mutual benefits to flow from each to the other, the parties hereto agree as follows:

1. The **CONSULTANT** agrees to provide professional services as described in Exhibit "A" of the Work Task Order known as "SCOPE OF WORK & FEE".
2. The **CONSULTANT** agrees to "CERTIFICATION" statements as described in Exhibit "B" of the Work Task Order.
3. The **CONSULTANT** agrees to Small Business Enterprise (SBE) Participation, described in Exhibit "C" of the Work Task Order.
4. The **CONSULTANT** has provided a sub-consultant Letter of Intent to perform as an SBE as described in Exhibit "D" of the Work Task Order.
5. The **COUNTY** agrees to pay the **CONSULTANT** a fee of One Hundred Fifty-Six Thousand, Four Hundred Sixty-Seven Dollars and Twenty-Five Cents (\$156,467.25).

Except as hereby amended, changed or modified, all other terms, conditions and obligations of the Agreement dated **February 15, 2011 (R2011-0174)**, shall remain in full force and effect.

Re: PURDY LANE FROM FOREST HILL ELEMENTARY TO EAST OF MAJOR DRIVE
Project No.: 2013523

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

OWNER:

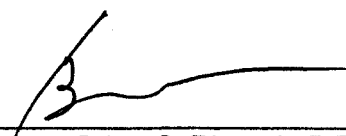
Palm Beach County, Florida, a
Political Subdivision of the
State of Florida

BOARD OF COUNTY COMMISSIONERS

BY: _____
Steven L. Abrams, Mayor

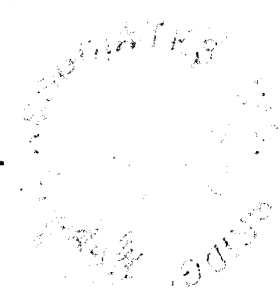
CONSULTANT:

Bridge Design Associates, Inc.
a Florida Corporation

BY:  _____
Brian C. Rheault, P.E.
President

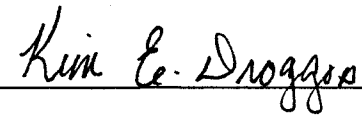
ATTEST:
Sharon R. Bock, Clerk & Comptroller
Circuit Court

CORPORATE SEAL



BY: _____
Deputy Clerk

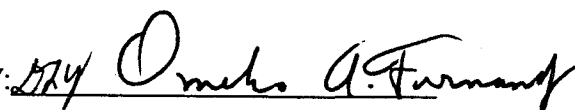
WITNESS:

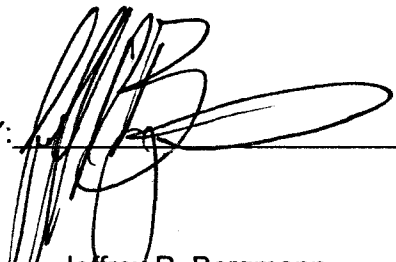
BY:  _____

SEAL

Kim E. Droggos
(Printed Name)

APPROVED AS TO TERMS
AND CONDITIONS:

BY:  _____

BY:  _____
Jeffrey R. Bergmann
(Printed Name)

APPROVED AS TO FORM & LEGAL
SUFFICIENCY:

COUNTY ATTORNEY

EXHIBIT "A"

BRIDGE DESIGN ASSOCIATES, INC.



Exhibit A – Page 1 of 29

BRIAN C. RHEULT, P.E.
President

May 3, 2013

Palm Beach County Engineering
2300 N. Jog Road
West Palm Beach, Florida 33411

Attention: Dave Young, P.E.

Regarding: Purdy Lane Bridge Replacement over the LWDD E-3 Canal
PBC # 2013523 Forest Hill Elementary to East of Major Drive

Dear Dave:

Pursuant to your request we have reviewed the available information and based on the County's decision to close the road and bridge for construction and to construct in the summer months while school is not in session, we have developed the following scope of services.

- Survey of the site from west of the school drive to the fire station east of Major Drive to include cross sections of the LWDD E-3 Canal.
- Soils investigation including SPT's for the bridge replacement, pavement samples and permeability tests and asbestos testing of the bridge components.
- Roadway design based on a 40 mph design speed to provide (4) traffic lanes from the western driveway at the school to 54th Trail and a (3) lane section east to Major Drive.

The (4) lane section will include sidewalks on both sides, an 11'-0 right turn lane into the school parking lot westbound, a 5 foot paved shoulder on the north side, an 11'-0 east and westbound lane, a 12'-0 multi-directional center lane and a 4'-0 foot paved shoulder on the south.

The section east of 54th Trail will not include the right turn lane into the school.

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Purdy Lane Bridge over LWDD E-3 Canal
Page 2

ROADWAY & BRIDGE DESIGN

- The bridge replacement will accommodate the (4) lane section described above. The bridge will be designed as a 3 span structure meeting the low member and minimum span requirements dictated by Lake Worth Drainage District.

The surface of the bridge deck will be grooved concrete in lieu of an asphalt wearing surface.

A 54" traffic barrier wall height will be utilized for added safety for the school children. We propose to use the Index 410 Traffic Barrier Walls at all 4 corners of the bridge to eliminate the need for metal guard railing.

Utility ducts will be placed in the sidewalks for communication cable as necessary.

In addition, the bridge and roadway will be designed to eliminate the hump in the roadway east of the bridge.

- Utility coordination meetings, including plan sets to utility companies.
- Permitting. Permitting fees are to be a reimbursable expense.
- Construction Phase Services, including bidding, shop drawing reviews and site inspections shall be an optional service, a budget has been included.

The following services are not included in our scope of services:

Utility relocation plans
Traffic control plans

The new bridge will be designed to meet current AASHTO and FDOT criteria loads including all Florida Legal Loads and Permit Vehicle loading.

Prestressed concrete piling, concrete pile caps and prestressed concrete flat slab deck units will be utilized for the project. Sidewalk and traffic barriers will meet or exceed the traffic safety and ADA standards and safe sight distances will be utilized. Sidewalks will be provided for both sides of the bridge.

Drainage from the new bridge will be collected and treated to provide water quality and meet current criteria as defined by Palm Beach County and South Florida Water Management District and Lake Worth Drainage District.

Purdy Lane Bridge over E-3 Canal
Page 3

The design team will prepare and submit the applicable permit applications to ACOE, LWDD, DEP and SFWMD and coordinate with the utility companies to determine relocation requirements for overhead lines and potential conduits in the bridge for future lines.

Design shall be in accordance with Palm Beach County thoroughfare Road Design Procedures, February 2006; FDOT Greenbook Standard, applicable FDOT Indexes and FDOT Standard Specifications for Road and Bridge Construction.

The bridge plans will provide both NGVD and NAVD elevations, if required by LWDD for permitting purposes.

Finally, the existing roadway will be modified to transition the new bridge to the existing roadway east and west of the bridge.

The attached Exhibit "A" is an approximate manhour estimate of tasks with commensurate fees. Exhibit "B" details the tasks to be completed at each phase and Exhibit "C" is our proposed design schedule and a list of deliverables.

If you have any questions, please give me a call.

Respectfully

BRIDGE DESIGN ASSOCIATES, INC.



Brian C. Rheault, P.E., #38797
President

Purdy Lane Bridge Replacement over E-3 Canal

BASIC SERVICES

Bridge Design Associates, Inc.

Total Staff hours 806 hours ✓

STAFF	RATES	HOURS	COST
Chief Engineer	\$195.00 ✓	80	\$ 15,600.00 ✓
Senior Engineer	\$150.00 ✓	160	\$ 24,000.00 ✓
Engineer / Engineer Intern	\$75.00 ✓	326	\$ 24,450.00 ✓
Engineering Technician	\$66.00 ✓	0	\$ 0.00 ✓
Cadd / Computer Technician	\$93.00 ✓	240	\$ 22,320.00 ✓
		806 ✓	\$ 86,370.00 ✓

Arcadis \$35,510.46 ✓

REIMBURSABLES

Permit Fees (SFWMD \$3,500.00 LWDD \$3,000.00) \$ 6,500.00 ✓

Dunkelberger Engineering & Testing (soils) \$ 10,265.79 ✓

Brown & Phillips \$ 9,796.00 ✓

Construction Phase Services (optional) Hourly NTE \$ 8,025.00 ✓

PROJECT TOTAL \$156,467.25 ✓

BRIDGE DESIGN ASSOCIATES, INC.

PURDY LANE BRIDGE REPLACEMENT OVER THE LWDD E-3 CANAL
 CONSTRUCTION PHASE SERVICES
 June 11, 2013

HOURLY BREAKDOWN OF SERVICES

ACTIVITY	CHIEF ENGINEER	SENIOR ENGINEER	ENGINEER INTERN	ENGINEER TECHNICIAN	CAD TECHNICIAN	TOTAL HOURS BY ACTIVITY	LABOR COST BY ACTIVITY
	\$195.00 ✓	\$150.00 ✓	\$75.00 ✓	\$68.00 ✓	\$93.00 ✓		
Shop Drawing Reviews	10.0	8.0	20.0			38.0	\$4,650.00
Contractor RFI's	6.0	2.0	3.0			11.0	\$1,695.00
Concrete Mixes		1.0	2.0			3.0	\$300.00
Site Visits (4) as requested	4.0	4.0				8.0	\$1,380.00
						0.0	\$0.00
						0.0	\$0.00
						0.0	\$0.00
						0.0	\$0.00
TOTAL MANHOURS	20.0 ✓	15.0 ✓	25.0 ✓	0.0 ✓	0.0 ✓	60.0 ✓	
DIRECT LABOR COST	\$3,900.00 ✓	\$2,250.00 ✓	\$1,875.00 ✓	\$0.00 ✓	\$0.00 ✓		\$8,025.00 ✓

ENGINEERING FEES \$8,025.00 ✓

Project Activity 9: Structures - Summary and Miscellaneous Tasks and Drawings

Estimator:

Purdy Lane Bridge over E-3 Canal
PBC 2013523

Task No.	Task	Units	Design and Production Staffhours				Comments				
			No. of Units	Hours per Unit	No. of Sheets	Total					
	General Drawings										
9.1	Index of Drawings	Sheet	1	8	1	8	✓				
9.2	Project Layout	Sheet	1	8	1	8	✓				
9.3	General Notes and Bid Item Notes	Sheet	1	8	1	8	✓				
9.4	Miscellaneous Common Details	Sheet	10	2	10	20	✓				
9.5	Incorporate Report of Core Borings	Sheet	1	2	1	2	✓				
9.6	Existing Bridge Plans	LS	1	4		4	✓				
9.7	Assemble Computation Book and Quantities	LS	1	8		8	✓				
9.8	Cost Estimate	LS	1	8		8	✓				
9.9	Technical Special Provisions	LS	0	0		0	✓				
Structures - Summary and Miscellaneous Tasks and Drawings Subtotal					14	66	✓				
Task No.	Task	Total	Task 10	Task 11	Task 12	Task 13	Task 14	Task 15	Task 16	Task 17	Task 18
10-16	Bridge 1	740	0	0	740	0	0	0	0		
10-16	Bridge 2	0									
10-16	Bridge 3	0									
17	Retaining Walls	0								0	
18	Miscellaneous Structures	0									0
Structures Technical Subtotals		740	0	0	740	0	0	0	0	0	0

Project Activity 9: Structures - Summary and Miscellaneous Tasks and Drawings

Task No.	Task	Units	No. of Units	Hours per Unit	Total	Comments
9.10	Field Reviews	LS	1	0	0	
9.11	Technical Meetings	LS	1	0	0	Meetings are listed below
9.12	Quality Assurance/Quality Control	LS	%	0%	0	
9.13	Independent Peer Review	LS	%	0%	0	
9.14	Supervision	LS	%	0%	0	
Structures Nontechnical Subtotal					0	
9.15	Coordination	LS	%	0%	0	
Structures-Summary and Misc. Tasks and Drawings and Technical Totals					806	✓

Project Activity 12: Structures - Short Span Concrete Bridge

Estimator:
Bridge PBC 2013523

Purdy Lane Bridge over the E-3 Canal

Task No.	Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
General Layout Design and Plans							
12.1	Overall Bridge Final Geometry	LS	1	8		8 ✓	
12.2	Expansion/Contraction Analysis	EA Unit	0	4		0 ✓	
12.3	General Plan and Elevation	Sheet	2	24	2	48 ✓	
12.4	Construction Staging	Sheet	0	0	0	0 ✓	
12.5	Approach Slab Plan and Details	Sheet	1	8	1	8 ✓	
12.6	Miscellaneous Details	Sheet	4	16	4	64 ✓	
End Bent Design and Plans							
12.7	End Bent Geometry	EA End Bent	2	8		16 ✓	
12.8	End Bent Structural Design	EA Design	2	16		32 ✓	
12.9	End Bent Plan and Elevation	Sheet	2	20	2	40 ✓	
12.10	End Bent Details	Sheet	2	12	2	24 ✓	
Intermediate Bent Design and Plans							
12.11	Bent Geometry	EA Bent	2	8		16 ✓	
12.12	Bent Stability Analysis	EA Analysis	1	16		16 ✓	
12.13	Bent Structural Design	EA Design	1	24		24 ✓	
12.14	Bent Plan and Elevation	Sheet	2	12	2	24 ✓	
12.15	Bent Details	Sheet	1	8	1	8 ✓	
Miscellaneous Substructure Design and Plans							
12.16	Foundation Layout	Sheet	1	12	1	12 ✓	

Exhibit A - Page 8 of 29

Project Activity 12: Structures - Short Span Concrete Bridge

Task No.	Task	Units	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
Miscellaneous Superstructure Design and Plans							
12.17	Finish Grade Elevation Calculation	LS	1	8		8 ✓	
12.18	Finish Grade Elevations	Sheet	1	12	1	12 ✓	
Cast-in-Place Slab Bridges							
12.19	Bridge Deck Design	EA Unit	0	0		0 ✓	
12.20	Superstructure Plan	Sheet	0	0	0	0 ✓	
12.21	Superstructure Sections and Details	Sheet	0	0	0	0 ✓	
Prestressed Slab Unit Bridges							
12.22	Prestressed Slab Unit Design	EA Design	6	16		96 ✓	
12.23	Prestressed Slab Unit Layout	Sheet	1	12	1	12 ✓	
12.24	Prestressed Slab Unit Details and Schedule	Sheet	6	24	6	144 ✓	
12.25	Deck Topping Reinforcing Layout	Sheet	0	0	0	0 ✓	
12.26	Superstructure Sections and Details	Sheet	2	12	2	24 ✓	
Reinforcing Bar List							
12.27	Preparation of Reinforcing Bar List	Sheet	1	8	1	8 ✓	
Load Rating							
12.28	Load Ratings	EA Unit	4	24		96 ✓	
12. Structures - Short Span Concrete Bridge Total					26	740 ✓	

Purdy Lane Bridge Replacement over E-3 Canal

A. 35% Design Phase

1. Bridge plans including:
 - Bridge plan / elevation
 - Preliminary pile layout and foundation design
 - Preliminary profile grade
 - Bridge cross section
 - Proposed design standards identified
 - Utility coordination - utilities identified and conflicts determined
 - Preliminary drainage plan and drainage swale location and size identified
2. Roadway plans including roadway layout
3. Meeting with County staff to discuss

B. 65% Submittal Phase

1. Geotechnical Report Submittal
2. Utility Coordination
3. Permit Applications Submitted
3. Bridge plans and roadway plans per PBC Submittal requirements

C. 96% Design Phase

1. Bridge plans and roadway plans including quantities and probable estimates of cost
2. Bridge load rating analysis

D. 100% Permit / Final Construction Documents

1. Corrected and conformed plans based on 96% review comments
2. Final Cost Estimates
3. Meet with County to discuss schedule and outstanding issues
4. Deliver signed & sealed drawings and electronic copy including pdf's and dwgs.

Purdy Lane Bridge Replacement over E-3 Canal

Proposal Exclusions

1. Utility relocation plans, if required
2. Traffic Control Plans

Purdy Lane Bridge Replacement over E-3 Canal

A. 35% Design Phase

Duration: Six (6) weeks from Notice to Proceed

Deliverables: Three (3) 11x17 sets of drawings and electronic pdf format
Engineering Design Drawings 30%

B. 65% Design Phase

Duration Eight (8) weeks from County approval of 30% design plans

Deliverables: Three (3) 11x17 sets of drawings and electronic pdf format
Engineering Design Drawings 65%

C. 96% Design Phase

Duration: 16 weeks from County Approval of 65% Design Plans

Deliverables: Three (3) 11x17 sets of drawings and electronic pdf format
Engineering Design Drawings 96%

D. 100% Permitting / Final Construction Documents

Duration: Four (4) weeks from County Approval of 90% Design Phase

Deliverables: Two (2) 11x17 drawings and electronic pdf format
Engineering Design Drawings 100%
Permitting 100%
Final Cost Estimate



Mr. Brian Rheault, P.E.
Bridge Design Associates
1402 Royal Palm Beach Boulevard
Building 200
Royal Palm Beach, Florida 33411

Subject:
Purdy Lane
Forest Hill Elementary School to East of Major Drive
Palm Beach County project No. 2013523

Dear Mr. Rheault:

We are pleased to submit this proposal for professional services for the preparation of construction plans for the replacement of the bridge carrying Purdy Lane over the LWDD E-3 Canal.

The scope of work for the project consists of the widening of Purdy Lane from west of the bus entrance for the Forest Hill Elementary School to east of Major Drive. The total length of the project is approximately 1,000 feet. The existing right of way is 80-foot in width. The design speed for the project will be 40 mph. The new bridge structure and roadway will include the following typical section:

- Two 11-foot wide through lanes
- 12-foot wide two way left turn lane
- One 11-foot wide right turn lane for westbound traffic
- A westbound 5-foot wide outside shoulder and an eastbound 4-foot wide outside shoulder

Curb and gutter and concrete sidewalks will be provided on both sides of the roadway.

ARCADIS will prepare roadway plans to detail improvements necessary to match the new bridge width, location and elevations. The following plan sheets will be prepared:

- Cover Sheet
- Typical Section
- General Notes and Summary of Quantities

Imagine the result

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

Transportation

Date:
April 26, 2013

Contact:
Henry Deibel

Phone:
(561) 607-7075

Email:
Hank.deibel@arcadis-us.com

Our ref:

Florida License Numbers

Engineering
EB00007917

Geology
GB564

Landscape Architecture
LC26000269

Surveying
LB7062

ARCADIS

Mr. Brian Rheault
April 26, 2013

- Benchmarks and Reference Points sheet
- Roadway Plan and Profile
- Details
- Cross Sections
- Pavement Marking and Signage Plan
- Stormwater Pollution Prevention Plan

The plans will be prepared based on a field survey of the project area provided by others.

Stormwater drainage improvements for the project will consist of inlets and underground exfiltration trench piping to collect and treat runoff from the roadway pavement. It is anticipated that the exfiltration system will be connected to the existing stormwater drainage system and outfalls located on the east and west sides of the existing bridge.

It is expected that the existing traffic signal at Forest Hill Elementary School will not be impacted. There is an existing ground mounted flasher signal located at the fire station on the east side of Major Drive that may be impacted. The plans will show the relocation of the existing ground mounted flasher signal if required due to the roadway widening.

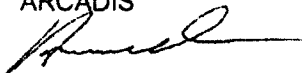
Permit application packages will be prepared and submitted to the South Florida Water Management District and the Lake Worth Drainage District for the project.

Compensation for this work will be a lump sum amount of \$35,510.46. In addition to this fee, it is estimated that the permit fees for SFWMD and LWDD will total \$6,500.00.

Enclosed please find a summary of our fees for this project. We thank you for the opportunity to submit this proposal. Please feel free to contact our office if you have any questions or require any additional information

Sincerely,

ARCADIS



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

ARCADIS US, INC.
ESTIMATE OF WORK EFFORT FOR ENGINEERING
Purdy Lane
Forest Hill Elementary to East of Major Drive
PBCo. Project No 2013523

Total Contract Cost Computations	\$	11,964.44	
Total Activity Salary Costs			
(a) Overhead Additives:			
(a1) Combined OH Percent		165.00%	✓
(a2) Combined OH Cost	\$	19,741.33	✓
Subtotal (Salary + Overhead)	\$	31,705.77	✓
(b) Operating Margin Percent		12.00%	✓
(b) Operating Margin Cost	\$	3,804.69	✓
Subtotal (Salary Related Cost)	\$	35,510.46	✓
Subtotal (Cost Elements of Basic Activities)	\$	35,510.46	✓
TOTAL BASIC SERVICES \$ 35,510.46 ✓			
Optional Services			
TOTAL OPTIONAL SERVICES \$			
Reimbursable Expenses			
SFWMD Permit Application Fee	\$	3,500.00	✓
LWDD Permit Application Fee	\$	3,000.00	✓
TOTAL REIMBURSABLE ITEMS \$		6,500.00	✓
LUMP SUM = \$ 42,010.46 ✓			

2.96 MULTIPLIER

ARCADIS US, INC.
ESTIMATE OF WORK EFFORT FOR ENGINEERING
 Purdy Lane
 Forest Hill Elementary School to East of Major Drive
 PBCo. Project No 2013523

	Chief Engineer		Project Manager		Designer		ACTIVITY TOTAL
	MAN HOURS	HOURLY RATE	MAN HOURS	HOURLY RATE	MAN HOURS	HOURLY RATE	MAN HOURS
DESIGN ANALYSIS	-	\$ 64.90	-	\$ 49.54	-	\$ 29.00	-
DRAINAGE ANALYSIS	6.0	\$ 64.90	10.0	\$ 49.54	-	\$ 29.00	16.0
ROADWAY PLANS	40.0	\$ 64.90	47.0	\$ 49.54	88.0	\$ 29.00	175.0
UTILITIES	10.0	\$ 64.90	6.0	\$ 49.54	6.0	\$ 29.00	22.0
PERMITTING	8.0	\$ 64.90	12.0	\$ 49.54	-	\$ 29.00	20.0
SIGNING & PAVEMENT MARKING PLANS	6.0	\$ 64.90	11.0	\$ 49.54	15.0	\$ 29.00	32.0
TOTALS	70.0		86.0		109.0		265.0

DESIGN ANALYSIS	\$ -	\$ -	\$ -
DRAINAGE ANALYSIS	\$ 389.40	\$ 495.40	\$ -
ROADWAY PLANS	\$ 2,596.00	\$ 2,328.38	\$ 2,552.00
UTILITIES	\$ 649.00	\$ 297.24	\$ 174.00
PERMITTING	\$ 519.20	\$ 594.48	\$ -
SIGNING & PAVEMENT MARKING PLANS	\$ 389.40	\$ 544.94	\$ 435.00
TOTALS	\$ 4,543.00	\$ 4,260.44	\$ 3,161.00 \$ 11,964.44

	BY ACTIVITY	COST FOR ACTIVITY	HOURLY RATE
DESIGN ANALYSIS	-	\$ -	#DIV/0!
DRAINAGE ANALYSIS	16.0	\$ 884.80	55.30
ROADWAY PLANS	175.0	\$ 7,476.38	42.72
UTILITIES	22.0	\$ 1,120.24	50.92
PERMITTING	20.0	\$ 1,113.68	55.68
SIGNING & PAVEMENT MARKING PLANS	32.0	\$ 1,369.34	42.79
TOTALS	265.0	\$ 11,964.44	\$45.15 Average per hour

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	Chief Engineer	Project Manager	Designer	REMARKS
1. Design of Cross Drains	Ea.				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.				0				
6. Drainage Design & Calculations	Ea.	1	12		12 ✓	4.0	8.0		
7. Drainage Report	L.S.	1	4		4 ✓	2.0	2.0		
8. Preparation of Bridge Hydraulics Report	Ea.				0				
9					0				
10					0				
11					0				
SUBTOTAL THIS SHEET					16 ✓	6 ✓	10 ✓	0	

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	Chief Engineer	Project Manager	Designer	REMARKS
1. Key Map	Sheet	1	4	1	4 ✓	1.0		3.0	
2. Typical Section & Notes	Sheet	2	6	1	12 ✓	2.0	4.0	6.0	
3. Summary of Quantities	Each	1	4	1	4 ✓	1.0	1.0	2.0	
4. Plan & Profiles	Sheet	2	42	2	84 ✓	17.0	25.0	42.0	
5. Intersection Details (Grading Sheet)	Each	1			0				
6. Conceptual Traffic Control Plans	Sheet	1			0				
7. Traffic Warrants	L.S.				0				
8. Computation Booklet	L.S.	1	8		8 ✓	4.0	4.0		
9. Miscellaneous Construction Details	L.S.	1	8	1	8 ✓	2.0		6.0	
10. Drainage Structure Sheets	Sheet	1	8	1	8 ✓	3.0		5.0	
11. Cross-Sections	Ea.	10	3.5		35 ✓	4.0	11.0	20.0	
12. Baseline Control	Sheet	1	6	1	6 ✓		2.0	4.0	
13. Cost Estimates	Each	3	2		6 ✓	6.0			
SUBTOTAL THIS SHEET					175 ✓	40 ✓	47 ✓	88 ✓	

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	Chief Engineer	Project Manager	Designer	REMARKS
1. Preliminary Field Review	L.S.		2		0 ✓				
2. Agency Coordination (Includes all Phases)	L.S.	1	8		8 ✓	4.0	4.0		
3. Establish Wetland Jurisdictional Lines	L.S.		0		0 ✓				
4. Agency Field Review	L.S.		8		0 ✓				
5. Prepare Wetland Resouce / Dredge & Fill Permit Application	L.S.		16		0 ✓				
6. Prepare Stormwater Mgmt. & Surface Water Permit Application (SFWMD)	L.S.	1	8		8 ✓	4.0	4.0		
7. FPL / FDOT / PBCo. Traffic Signal Me meetings	L.S.	1			0 ✓				
8. Prepare LWDD Permit Application	L.S.	1	4		4 ✓		4.0		
9. Addrss FDOT comments	L.S.	1			0 ✓				
10.	L.S.				0 ✓				
11 Mitigation Coordination and Meetings	L.S.				0 ✓				
SUBTOTAL THIS SHEET					20 ✓	8 ✓	12 ✓	0	

HIGHWAY TASK LIST

ACTIVITY: B. SIGNING & PAVEMENT MARKINGS

SUBACTIVITY: NONE

TASK	BASIS OF ESTIMATE	NO. OF UNITS	HOURS/UNIT	NO. OF SHEETS	TOTAL HOURS	Chief Engineer	Project Manager	Designer	REMARKS
1. Key Sheet	Sheet	1	4	1	4 ✓		1	3	
2. General Notes	Sheet		4		0 ✓				
3. Tabulation of Quantities	Sheet	1	8		8 ✓	2	6		
4. Plan Sheets	Sheet	2	8	2	16 ✓	2	2	12	
5. Guide Sign Worksheet	EA	1	8		0				
6. Quantity Computation booklet	EA	1	4		4 ✓	2	2		
7. Special Marking Details	EA	1	1		0				
8. Sign Details	Sheet		0		0 ✓				
9. Metal / Concrete Pole Details	EA		0		0 ✓				
10. Service Point Details	EA		0		0 ✓				
11. C.E.S. / Summary of Pay Items	L.S.		0		0 ✓				
12. Special Provisions	L.S.		0		0 ✓				
SUBTOTAL					32	6 ✓	11 ✓	15 ✓	

DUNKELBERGER
engineering & testing, inc.
www.dunkelberger-engineering.com

- Fort Lauderdale
- Port Saint Lucie
- Sarasota
- West Palm Beach

Bridge Design Associates, Inc.
1402 Royal Palm Beach Blvd., Bldg 200
Royal Palm Beach, FL 33411

February 20, 2013
Project No.: WPB-13-8469
BG 21.1

Attention: Mr. Brian Rheault, P.E.

Subject: *Proposal, Geotechnical Engineering Services*
Purdy Lane Bridge
Intersection of Purdy Lane and E-3 Canal
Palm Beach County, Florida

Mr. Rheault:

INTRODUCTION

Pursuant to your request, Dunkelberger Engineering & Testing, Inc. (Dunkelberger) is pleased to submit this proposal for geotechnical engineering services for the proposed bridge modifications at Purdy Lane over the E-3 Canal in Palm Beach County, Florida. This proposal provides a scope of work and implementation schedule. Compensation for our services is also discussed.

We understand that current plans are to modify the existing bridge and roadway just east and west of the bridge. Exfiltration trenches are also being considered east and west of the bridge. Based upon information available on Google Earth, the existing bridge site is accessible to conventional truck-mounted drilling equipment. However, maintenance of traffic will be required to enable the work to be performed within the roadway safely and with limited impacts to local traffic. We have assumed that a Right-of-Way Use permit will not be required through Palm Beach County.

SCOPE OF WORK

The subsurface study will entail five tasks:

1. Exploration of the subsurface conditions at the bridge site using two 75-foot deep Standard Penetration Test (SPT) borings. Samples of the subsurface materials will be obtained at frequent vertical intervals using procedures prescribed in ASTM D 1586 (the Standard Penetration Test). The borings will be sealed with neat cement grout and cold patch asphalt upon their completion. In addition, four cores of the asphalt pavement will be obtained.
2. Assessment of the hydraulic conductivity characteristics of the profile components through the performance of two usual, open hole constant head permeability tests.
3. Review of the data from the borings and classification of the subsurface components in accordance with the Unified Soil Classification System (ASTM D 2487) and appropriate geologic nomenclature. Representative samples will be tested for grain size distribution to aid in the classification process. One canal water sample will be tested for the corrosion parameters of pH, Resistivity, sulfates and chlorides.

4. Preparation of a CADD generated boring location plan and boring subsurface profiles.
5. Preparation and submittal of a report which presents the factual information obtained and geotechnical engineering design criteria, namely:
 - environmental classification of the canal water
 - driven pile depth-capacity curves for deep borings
 - lateral load vs deflection and moment estimates for piling
 - soil moist and saturated unit weights, cohesion, friction angles for computation of lateral earth pressures adjacent to bridge abutments
 - an estimate of the Modulus of Resilience for subgrade soils
 - related construction recommendations

SCHEDULE, COMPENSATION AND OTHER TERMS

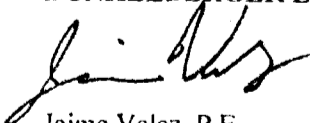
We are prepared to initiate our work within five days after receiving your written notification to proceed. The duration of the field work is expected to take two days. Engineering data evaluation and report preparation will require about two weeks, leading to an overall project schedule of approximately three to four weeks. Four copies of the report will be transmitted to you at that time.

Based upon our general knowledge of the subsurface conditions of the site area and an interpretation of your requirements, we are willing to provide the services outlined earlier on a unit rate basis with a maximum limiting amount of ~~\$10,265.79~~. An itemized breakdown is provided on Attachment 1. Unit fee rates shown in that attachment are consistent with our current continuing services contract with Palm Beach County Engineering. This price and schedule are predicated upon the work not requiring us to obtain a Right-of-Way Use permit.

Other terms and conditions pertaining to the engagement of our services are discussed in the attached General Conditions (Attachment 2). The General Conditions are hereby incorporated into and made a part of this proposal. Thank you for considering Dunkelberger for this assignment. If the proposal is satisfactory, kindly sign and return one copy of this proposal for our files. Should the proposal contents require any clarification or amplification, please feel free to contact us.

Very truly yours,

DUNKELBERGER ENGINEERING & TESTING, INC.


Jaime Velez, P.E.
Project Engineer


Kevin E. Aubry, P.E.
Geotechnical Services Manager

Attachment 1 – Estimated Fee Breakdown
Attachment 2 - General Conditions

Accepted this _____ day of _____, 2013.

Company

Signature

Name and Title

ATTACHMENT 1
 PURDY LANE BRIDGE OVER E-3 CANAL
 DUNKELBERGER ENGINEERING & TESTING, INC.
 GEOTECHNICAL ENGINEERING SERVICES

Feb. 20, 2013

ITEM DESCRIPTION	UNITS	QUANT.	UNIT RATE	FEE
I. PROJECT START UP & MOBILIZATION				
A. Stake Boring Locations & Utility Clearance	hours	5	\$ 62.89	\$314.45 ✓
B. Drilling Rig Mobilization	Each	1	\$ 350.00	\$350.00 ✓
SUBTOTAL - START UP & MOB				\$664.45 ✓
II. FIELD EXPLORATION				
A. SPT Borings (0 to 50 feet deep)	feet	100	\$ 12.00	\$1,200.00 ✓
B. SPT Borings (50 to 100 feet deep)	feet	50	\$ 14.00	\$700.00 ✓
C. Grout Seal Boreholes (0 TO 50 feet deep)	feet	100	\$ 4.00	\$400.00 ✓
D. Grout Seal Boreholes (50 to 100 feet deep)	feet	50	\$ 5.00	\$250.00 ✓
E. Maintenance of Traffic	days	2	\$ 300.00	\$600.00 ✓
F. Pavement Cores	each	4	\$ 50.00	\$200.00 ✓
G. Percolation Test	each	2	\$ 350.00	\$700.00 ✓
H. Sen. Engineering Tech.	hours	20	\$ 62.89	\$1,257.80 ✓
SUBTOTAL - FIELD EXPLORATION				\$5,307.80 ✓
III. LABORATORY TESTING				
A. Visual Engineering Classification	hours	1	\$ 84.64	\$84.64 ✓
B. Moisture Content Test	each	4	\$ 10.00	\$40.00 ✓
C. Organic Content Test	each	2	\$ 50.00	\$100.00 ✓
D. Corrosivity	each	1	\$ 150.00	\$150.00 ✓
E. Full Grain Size (Sieve Analysis)	each	2	\$ 65.00	\$130.00 ✓
SUBTOTAL - LABORATORY TESTING				\$504.64 ✓
IV. ENGINEERING & REPORT PREPARATION				
A. Senior Geotechnical Engineer	hours	6	\$ 124.77	\$748.62 ✓
B. Engineer, P.E.	hours	30	\$ 84.64	\$2,539.20 ✓
C. Drafter/CADD	hours	5	\$ 63.72	\$318.60 ✓
D. Engineering Technician	hours	4	\$ 45.62	\$182.48 ✓
SUBTOTAL - ENGINEERING				\$3,788.90 ✓
TOTAL - GEOTECHNICAL ENGINEERING SERVICES				\$10,265.79 ✓

~ 3.0 multiple



May 3, 2013

Mr. Brian Rheault
Bridge Design Associates, Inc.
1402 Royal Palm Beach Boulevard
Suite 200
Royal Palm Beach, FL 33411

**Re: Purdy Lane from 100' West of Forest Hill Elementary Driveway (Station 100+0) to
Firehouse Driveway - Roadway Design Survey**

Dear Mr. Rheault:

Thank you for the opportunity to provide you with the following services for the subject site. This proposal is based on documentation and information provided by your office. We will review any title work supplied by you. The scope of services is as follows:

SCOPE OF SERVICES

I. HORIZONTAL PROJECT NETWORK CONTROL

Using the information supplied by Palm Beach County, we will establish the Right-of-Way for Purdy Lane. A traverse will be run through the route and all found monumentation will be tied in. The survey will be oriented to Palm Beach County horizontal control (NAD 83/90 Adjustment). The Palm Beach County Survey Department will supply all the sectional control information along the proposed route.

The limits of the survey are from 100' west of Forest Hill Elementary Driveway (Station 100+0) to Firehouse Driveway and are shown on Attachment 'B'.

II. VERTICAL PROJECT NETWORK CONTROL

A level run will be performed along the route using the existing Palm Beach County benchmarks (NAVD 1988). Benchmarks will be set along the route, not exceeding 600 feet apart. All benchmarks will be set outside of the proposed right of way.

III. BASELINE LAYOUT

We will lay out the baseline at 100-foot intervals setting appropriate points at each station. The baseline will be laid out within the limits of the route. These baseline points will be used in the topographic and cross section phase to locate features and facilitate checks.

Rheault
May 3, 2013
Page 2

IV. REFERENCE POINTS

We will reference the baseline at intervals not exceeding 1400 feet along the route. These points will be used to replace disturbed baseline stations. We propose to set two (2) references.

V. SECTION TIES AND PROPERTY TIES

We will tie in section corners and property corners along the route to check the present alignment of Purdy Lane. We will try to locate as many corners as possible to positively establish the current right of ways.

VI. SIDE STREET SURVEYS

A topographic survey will be done on all side streets to 300 feet from the right of way line of Purdy Lane. The centerline will be located at 50' intervals and showing all high and low points.

VII. TOPOGRAPHY

A topographic survey will be performed along the route. This survey will tie in all visible features such as, but not limited to, signs, light poles, guardrails, utilities, walks, edge of pavement, curbing, drainage structures, striping, trees (to 10' outside of right-of-way) etc. These locations will show all features within the corridor from right of way to right of way extending to 10 feet outside the proposed right of way (if provided prior to start of field work).

VIII. CROSS SECTIONS

Cross sections will be done along the route at 100-foot intervals and at inlet locations. These cross sections will cover the roadway to the right of way lines and extend to 25 feet outside of the proposed right of way (if provided prior to start of field work).

IX. ASBUILTS

We will attempt to get asbuilt information on all the pipes leading out of any storm or sanitary sewer structures found. We will show invert elevations, pipe sizes and materials for all pipes located including outfall pipes.

X. BRIDGE SURVEY

We will do a detailed drawing of the existing structure and obtain elevations and locations. We will measure elevations of abutments, bridge piers and obtain soundings across the canal under direction from you.

Rheault
May 3, 2013
Page 3

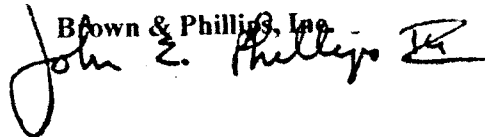
XI. LAKE WORTH DRAINAGE DISTRICT (LWDD) DRAWING

We will perform six (6) cross sections across the LWDD E-3 Canal. The sections will be taken at the face of the bridge on each side and at 50' and 100' north and south. We will prepare a drawing of the canal sections with plan (1"=10') and profile (1"=10') views.

XII. CLOSURE

A drawing will be produced which will show all the features located. We propose to provide Bridge Design Associates, Inc. with an AutoCAD file in the version requested. Any additional work will be done on an hourly basis as approved by you. We will perform the scope of services for a **lump sum fee of \$9,796.00** (see Attachment 'A' for an hourly breakdown). Please do not hesitate to call me with any questions you might have regarding this proposal. We look forward to working with you on this project.

Sincerely,


Brown & Phillips, Inc.

John E. Phillips III, P.L.S.
Principal

JEP/mb

Accepted This _____ Day Of _____, 2013.

Bridge Design Associates, Inc.

By: _____

Print Name: _____



BROWN & PHILLIPS, Inc.
 PROFESSIONAL SURVEYING SERVICES
 ATTACHMENT 'A'

Purdy Lane for 100' west of Forest Hill Elementary Driveway to the Firehouse Driveway

Type of Survey: Roadway Design

Size:

Date: May 3, 2013

TASK	3 MAN CREW	CADD TECH	SURVEY TECH	PLS	COMMENTS
Meetings and Coordination				1	
Horizontal Project Network Control	4		8	3	Establish control and right-of-way
Vertical Project Network Control	5		0.5		Set benchmarks along corridor
Baseline Layout	1		0.5		Layout baseline at 100' intervals
Reference Points	2		0.5		Set references (2)
Section Ties	2		1		Tie in PBCo. Horizontal control
Subdivision & Property Ties	3		2	1	Tie in adjoining property corners
Side Street Surveys	1.5		0.5		2 side streets to 100' down street
Topography	12		2	1	Locate all above ground features including trees
Cross Sections	5		2		At 100' intervals to 25' outside R/W
Asbuilts	1		0.5		Asbuilt storm structures
Bridge Survey/LWDD Survey	10	8	2	0.5	Detail of structure over E-3 Canal & LWDD Survey
CADD Base Drawing		15	2	2	Prepare cadd drawing
Total Hours:	46.5 ✓	23 ✓	21.5 ✓	8.5 ✓	
Rate/Hour	\$125.00 ✓	\$66.00 ✓	\$70.00 ✓	\$113.00 ✓	
Subtotal:	\$5,812.50 ✓	\$1,518.00 ✓	\$1,505.00 ✓	\$960.50 ✓	
Total Labor Cost:					\$9,796.00 ✓

Other Direct Costs:	quantity	unit	cost/unit	total
Legal Description & Sketch		each	\$450.00	\$0.00
Prints		sheet	\$1.50	\$0.00
Shipping		cost x markup	1.20	\$0.00
Other				\$0.00

2.744 MULTIPLIER

Total Other Direct Costs: \$0.00 ✓

TOTAL PRICE \$9,796.00 ✓



27

EXHIBIT "B"

CERTIFICATION STATEMENTS

Project: Purdy Lane from Forest Hill Elementary to East of Major Drive
Project No.: 2013523

Consultant/Annual Consultant: Bridge Design Associates, Inc.

TRUTH-IN-NEGOTIATION STATEMENT

By entering into this Agreement, the **CONSULTANT/ANNUAL CONSULTANT** certifies that the wage rates and costs used to determine the lump sum fees contained in herein are accurate, complete and current as of the date of this 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/ANNUAL CONSULTANT** warrants that they have not employed or retained any company or person other than a bonafide employee working solely for the **CONSULTANT/ANNUAL CONSULTANT** to solicit or secure this 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/ANNUAL 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/ANNUAL CONSULTANT** certifies that it, its affiliates, suppliers, sub-contractors and consultants who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the 36 months immediately preceding the date hereof. This notice is required by F.S. 287.133 (3) (a).

NON-DISCRIMINATION STATEMENT

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



Brian C. Rheault, P.E., President

CONFLICT OF INTEREST DISCLOSURE FORM

Project: Purdy Lane from Forest Hill Elementary to East of Major Drive
Project No.: 2013523

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

(Attach additional sheets as needed.)

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

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

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

THIS DISCLOSURE is submitted by Brian C. Rheault, P.E., as
(Name of Individual)
President, of Bridge Design Associates, Inc.
(Title/Position) (Firm Name of CONSULTANT/ANNUAL CONSULTANT)

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

 6/13/15
(Signature) (Date)

EXHIBIT "C"

Palm Beach County
Engineering & Public Works Roadway Production

Exhibit C – Page 1 of 2

PARTICIPATION FOR MWBE/SBE CONSULTANTS
Contract

Project Name: Purdy Lane from Forest Hill Elementary to E. of Major Dr	Project Number: 2013523
Prime Vendor: Bridge Design Associates, Inc.	Resolution Number:
Telephone: (561) 686-3660	Resolution Date: 6/6/2013
Contact: Brian Rheault	Department:

MINORITY SUBCONTRACTORS

Minority Sub-Consultant	Type of Work Performed	Contract Dollar Amount for Sub-Consultant				
		Black	Hispanic	Women	Other	White Male
<hr/>						
Bridge Design Associates, Inc. 1402 ROYAL PALM BEACH BLVD BL ROYAL PALM BEACH, FL 33411 (561) 686-3660	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	86,370.00
<hr/>						
Brown & Phillips, Inc. 1860 OLD OKEECHOBEE ROAD, SUI WEST PALM BEACH, FL 33409 (561) 615-3988	MWBE	0.00	0.00	0.00	0.00	
	SBE	9,796.00	0.00	0.00	0.00	0.00
<hr/>						
Bridge Design Associates, Inc. 1402 ROYAL PALM BEACH BLVD BL ROYAL PALM BEACH, FL 33411 (561) 686-3660	MWBE	0.00	0.00	0.00	0.00	
	SBE	0.00	0.00	0.00	0.00	8,000.00
<hr/>						
Total Contract Authorizatoin \$156,442.25	Total MWBE	0.00	0.00	0.00	0.00	
	Percentage	0.00%	0.00%	0.00%	0.00%	
	Total SBE	9,796.00	0.00	0.00	0.00	94,370.00
	Percentage	6.26%	0.00%	0.00%	0.00%	60.32%

SCHEDULE 1

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

PROJECT NAME OR BID NAME: Purdy Lane from Forest Hill Elementary to East of Major Drive PROJECT NO. OR BID NO.: 2013523
 NAME OF PRIME BIDDER: Bridge Design Associates, Inc. ADDRESS: 1402 Royal Palm Beach Blvd., Royal Palm Beach, Florida 33411
 CONTACT PERSON: Brian C. Rheault, P.E., President PHONE NO.: 561-686-3660 FAX NO.: 561-791-1995
 BID OPENING DATE: _____ USER DEPARTMENT: Engineering & Public Works

THIS DOCUMENT IS TO BE COMPLETED BY THE PRIME CONTRACTOR AND SUBMITTED WITH BID PACKET. PLEASE LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SBE -M/WBE SUBCONTRACTORS ON THIS PROJECT. IF THE PRIME IS AN SBE-M/WBE, PLEASE ALSO LIST THE NAME, CONTACT INFORMATION AND DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT.

Name, Address and Phone Number	(Check one or both Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	M/WBE Minority Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. Bridge Design Associates, Inc. 1402 Royal Palm Beach Blvd., #200 Royal Palm Beach, Florida 33411	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	60.32%	_____
2. Brown & Phillips, Inc. 1860 Old Okeechobee Blvd., #509 West Palm Beach, Florida 33411	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6.26%	_____	_____	_____	_____
3.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
(Please use additional sheets if necessary)	Total		6.26%	_____	_____	60.32	_____

Total Bid Price \$ 156,467.25 Total SBE-M/WBE Participation Dollar Amount or Percentage of Work 66.58%

- Note:
- The amount listed on this form for a subcontractor must be supported by price or percentage listed on the signed Schedule 2 or signed proposal in order to be counted toward goal attainment.
 - Firms may be certified by Palm Beach County as an SBE and/or and M/WBE. If firms are certified as both an SBE and N/WBE, please indicate the dollar amount or percentage under the appropriate category.
 - M/WBE information is being collected for tracking purposes only.

Revised 03/15/2011

EXHIBIT "D"

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

This document must be completed by the SBE-M/WBE Subcontractor and submitted with bid packet. Specify in detail, the particular work items to be performed and the dollar amount and/or percentage for each work item. SBE credit will only be given for items which the SBE-M/WBE Subcontractor is SBE certified to perform. Failure to properly complete Schedule 2 may result in your SBE participation not being counted.

PROJECT NUMBER: 2013521 PROJECT NAME: Purdy Lane from Forest Hill Elementary to E. of Major Drive

TO: Bridge Design Associates, Inc.
(Name of Prime Bidder)

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

Small Business Enterprise Minority Business Enterprise
Black Hispanic Women Caucasian Other (Please Specify) _____

Date of Palm Beach County Certification: January 28, 2013 to January 27, 2016

The undersigned is prepared to perform the following described work in connection with the above project. Additional Sheets May Be Used As Necessary

Line Item/ Lot No. Item Description	Qty/Units	Unit Price	Total Price/ Percentage
<u>Roadway Design Survey</u>	<u>1 / LS</u>	<u>\$9,796.00</u>	<u>\$9,796.00</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

at the following price or percentage
6.26%
(Subcontractor's quote)

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to subcontract any portion of this job to a certified SBE or a non-SBE subcontractor, please list the name of the subcontractor and the amount below.

Price and/or Percentage _____ / _____
(Name of Subcontractor)

The Prime affirms that it will monitor the SBE's listed to ensure the SBE's perform the work with its own forces. The undersigned subcontractor affirms that it has the resources necessary to perform the work listed without subcontracting to non-certified SBE or any other certified SBE subcontractors except as noted above.

The undersigned subcontractor understands that the provision of this form to Prime Bidder does not prevent Subcontractor from providing quotations to other bidders.

Bridge Design Associates, Inc.
Print name of Prime Contractor
By: [Signature]
Signature
BRIAN C. RHEAULT / PRESIDENT
Print name/title of person executing on behalf
Prime Contractor

Brown & Phillips, Inc.
Print name of SBE-M/WBE Subcontractor
By: [Signature]
Signature
Anthony Brown / CEO
Print name/title of person executing on behalf
of SBE/M/WBE Subcontractor



CERTIFICATE OF LIABILITY INSURANCE

BRIDG-2 OP ID: BH

DATE (MM/DD/YYYY)
11/27/12

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER ACEC/MARSH 701 Market St., Ste. 1100 St. Louis, MO 63101 Kevin P. Woolley	800-338-1391 888-621-3173	CONTACT NAME: PHONE (A/C, No. Ext): FAX (A/C, No): E-MAIL ADDRESS:	INSURER(S) AFFORDING COVERAGE NAIC #
	INSURED Bridge Design Associates, Inc. 1402 Royal Palm Beach, Bldg 200 Royal Palm Beach, FL 33411	INSURER A: New Hampshire Insurance Co 23841 INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR NSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN L AGGREGATE LIMIT APPLIES PER <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COM/PROP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$ <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/> Y <input type="checkbox"/> N N/A				WC STATUTORY LIMITS <input type="checkbox"/> OTHER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Professional Liability		28392302	11/27/12	11/27/13	Claim 1,000,000 Aggregate 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
This policy covers the professional services of the Named Insured for all projects & the limits of liability shown shall not be construed to be applied to a particular project. Professional Liability is written on a claims-made reported basis "For All Projects with Palm Beach County" Retroactive Date for Professional Liability is 01/01/1988.

CERTIFICATE HOLDER PALM Palm Beach County Board of County Commissioners c/o Engr & Public Works Dept. 2300 North Jog Rd. West Palm Beach, FL 33411	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
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CERTIFICATE OF LIABILITY INSURANCE

OP ID: BH

DATE (MM/DD/YYYY)
05/06/13

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER ACEC/MARSH 701 Market St., Ste. 1100 St. Louis, MO 63101 Kevin P. Woolley		800-338-1391 888-621-3173	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: BRJG-2	FAX (A/C, No):
INSURED Bridge Design Associates, Inc. 1402 Royal Palm Beach, Bldg 200 Royal Palm Beach, FL 33411		INSURER(S) AFFORDING COVERAGE		NAIC # 22357
		INSURER A: Hartford Insurance Company		
		INSURER B:		
		INSURER C:		
		INSURER D:		
		INSURER E:		
		INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN L AGGREGATE LIMIT APPLIES PER <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC			84SBWPG2904	05/25/13	05/25/14	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
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" 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			84UEGAU0584	05/25/13	05/25/14	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 10,000			84SBWPG2904	05/25/13	05/25/14	EACH OCCURRENCE \$ 3,000,000 AGGREGATE \$ 3,000,000 \$ \$
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	84WEGBR0658	05/25/13	05/25/14	<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

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Re: All Palm Beach County Projects - Palm Beach County Board of County Commissioners, a Political Subdivision of the State of Florida, its officers, employees and agency are included as additional insured for above coverages except WC as required by written contract.

CERTIFICATE HOLDER PALM Palm Beach County Board of County Commissioners c/o Engr & Public Works Ops/Rdwy 2300 North Jog Rd. West Palm Beach, FL 33411	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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