



City of Foley, AL

407 E. Laurel Avenue
Foley, AL 36535

Signature Copy

Resolution: 13-0526-RES

File Number: 13-1064

Enactment Number: 13-0526-RES

Accept ATRIP Round III For Fern Ave. Extension

WHEREAS, Resolution # 13-0310 approved Volkert, Inc. to complete and submit a grant application for ATRIP Round III for an extension of Fern Avenue from Highway 59 to the Foley Beach Express, and

WHEREAS, the ATRIP program funds up to 80% of the eligible project construction costs, including construction, engineering and inspection and the remaining 20% of construction costs are the responsibility of the City of Foley, and

WHEREAS, project engineering, plan development, right-of-way acquisitions and environmental documentation and permitting must adhere to ALDOT and FHWA requirements and are the responsibility of the sponsor, and

WHEREAS, plans are to be developed consistent with ALDOT standards and the project will be let to bid by ALDOT, and

WHEREAS, the project sponsor is expected to furnish to ALDOT 20% of the project construction cost prior to award of the contract to the successful low bidder.

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Foley, Alabama, as follows:

SECTION 1: Accepts the \$3,536,030.43 (80%) ATRIP funding offered by ALDOT under Revenue Account No. 12-5823 R07 GRANT and approves the City's 20% match of \$1,334,811.64 for a total estimated project cost of \$4,870,842.07 under Project Account 12-665-7328 R07 CONST.

SECTION 2: Approves payment of 20% of the project construction cost to ALDOT prior to award of the contract to the successful low bidder.

SECTION 3: Accepts Volkert's Task Agreement #15 for the Fern Avenue Resurfacing and Extension related to the ATRIP fund.

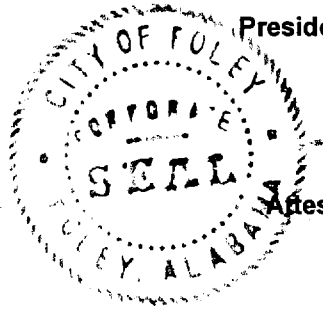
SECTION 4: This Resolution shall become effective immediately upon its adoption as

required by law.

PASSED, APPROVED AND ADOPTED this 21st day of October, 2013.

Aye: 3 Council Member Quaite, Council Member Blackwell and Council Member Ebert III

Abstain: 1 President Trawick



President's Signature

J W Trawick

Date

10-23-13

Attest by City Clerk

Victoria Southern

Date

10-23-13

Mayor's Signature

[Signature]

Date

10/23/2013

OFFICE OF THE GOVERNOR

ROBERT BENTLEY
GOVERNOR



STATE CAPITOL
MONTGOMERY, ALABAMA 36130

(334) 242-7100
FAX: (334) 242-3282

STATE OF ALABAMA

July 24, 2013

Chairman Tucker Dorsey
Baldwin County Commission
322 Courthouse Square
Bay Minette, AL 36507

RE: ATRIP Round III Award

Dear Chairman Dorsey:

I am writing to inform you that Baldwin County will be awarded \$12,929,318.84 in Round III of ATRIP Awards. This award will bring Baldwin County's total awards under the ATRIP Program to \$34,253,153.25, and I am immensely proud that we can provide this support for the advancement of essential transportation needs in your county.

I am pleased to advise you that the amount we are able to award will be sufficient to fund all qualified requests submitted. Enclosed is a summary of the eligible open requests we have received from your county. Transportation Director John Cooper and Mr. Edward Austin, Innovative Programs Engineer at the Alabama Department of Transportation, and his staff will be available to assist you with any questions you may have regarding the list of eligible projects.

We appreciate the opportunity to work with Baldwin County to improve the quality of life of our citizens.

Sincerely,

A handwritten signature in black ink that reads "Robert Bentley". The signature is written in a cursive style with a large, stylized "R" and "B".

Robert Bentley
Governor

Letter – ATRIP Round III Award
July 24, 2013
Page 2 of 2

RB/JRC/ENA

cc: Mayor Robert Craft
Mayor Dane Haygood
Mayor Timothy Kant
Mayor John Koniar
Mayor Charles Murphy
Mayor Robert Wills
Senator Marc Keahey
Senator Trip Pittman
Representative Alan Baker
Representative Randy Davis
Representative Joe Faust
Representative Stephen McMillan
Representative Harry Shiver
Mr. John R. Cooper
Mr. Ronald L. Baldwin, P.E.
Mr. Vincent E. Calametti, P.E.
Mr. Edward N. Austin, P.E.
Mr. Tony Harris

ENCLOSURE

July 23, 2013

Bridge Rehabilitation Project
Non-Qualifying Bridge or No Bridge

ATRIP Project Cost By Selection Round
Media Detail Report for All Counties

Projects Identified for Baldwin County

ATRIP No.	Div.	County	Sponsor	Project Description	Local Amt	ATRIP Amt	Total Cost
☐ 02-05-30	09	BALDWIN	Robertsdale	Drainage Improve US-90 between Rochell Loop & S. Francis St	\$63,411.60	\$253,646.40	\$317,058.00
☐ 02-05-33	09	BALDWIN	Bay Minette	RSF South Hoyle Avenue from Brady Rd to L&N Railroad ROW	\$45,272.61	\$117,090.44	\$162,363.05
☐ 02-05-34	09	BALDWIN	Dauphin	RSF N. Main St. from SR 98 (Park Dr) to Jubilee Square (02-03-0-27)	\$223,053.00	\$641,277.00	\$864,330.00
☐ 02-05-35	09	BALDWIN	Dauphin	RSF Lake Forest Blvd (Ridgewood Dr) and Windsor to N Main	\$433,293.00	\$1,265,490.00	\$1,698,783.00
☐ 02-05-40	09	BALDWIN	Fairhope	RSF and drainage improvements to Fairhope Avenue from State SR 181 to Reincoft St.	\$235,811.18	\$585,634.35	\$821,445.53
☐ 02-05-41	09	BALDWIN	Fairhope	Intersection Improvements / Roundabout at CR 13 and CR 30	\$110,000.00	\$440,000.00	\$550,000.00
☐ 02-05-42	09	BALDWIN	Fairhope	Intersection Improvements / Roundabout at CR 13 and CR 48	\$148,500.00	\$594,000.00	\$742,500.00
☐ 02-05-44	09	BALDWIN	Beach Express	RSF and extending of Fern Avenue from Airport Drive to Foley Beach Express	\$1,334,811.64	\$3,536,030.43	\$4,870,842.07
☐ 02-05-47	09	BALDWIN	Gulf Shores	BR on 4th St	\$37,858.00	\$151,435.00	\$189,293.00
☐ 02-05-48	09	BALDWIN	Conservation	RSF Roadway and replacing three pipe culverts on State Park Rd 2	\$205,534.40	\$822,137.62	\$1,027,672.02
☐ 02-05-53	09	BALDWIN	Robertsdale	Intersection Improvements to SR 59 at CR 48	\$239,644.40	\$958,577.60	\$1,198,222.00

Totals for Baldwin County	14 Projects	3 Bins	Local Total	\$3,968,189.83	ATRIP Total	\$12,929,318.84	Total Cost	\$16,897,508.67
Totals for Selection Round: 5	14 Projects	3 BINS	Local Total	\$3,968,189.83	ATRIP Total	\$12,929,318.84	Total Cost	\$16,897,508.67
Totals for this ATRIP Report	14 Projects	3 BINS	Local Total	\$3,968,189.83	ATRIP Total	\$12,929,318.84	Total Cost	\$16,897,508.67

**TASK AGREEMENT NO. 15
THE CITY OF FOLEY, ALABAMA
FERN AVENUE RESURFACING AND EXTENSION – ATRIP**

This Task is to be performed in accordance with the provisions of the agreement between The City of Foley, Alabama (OWNER) and Volkert, Inc. (ENGINEER) dated September 9, 2011.

SCOPE OF WORK

Generally the scope of services includes engineering, survey, and environmental documentation and permitting for the proposed Fern Avenue Resurfacing and Extension funded through ATRIP. The transportation improvements include the resurfacing of Fern Avenue with the addition of a 10' wide shared use walkway from Airport Drive to State Highway 59 and the extension of Fern Avenue from State Highway 59 to the Foley Beach Express in Foley, Alabama (see attached map). More specifically the work includes:

FIELD SURVEYS

Develop field survey of the existing Fern Avenue right-of-way (approximately 80' wide) from Airport Drive to State Highway 59 and the proposed Fern Avenue Extension corridor (approximately 140' wide) from State Highway 59 to the Foley beach Express. Field survey will include the following:

- Cross Sections, Topographic, Utility, and As-Built survey from right-of-way to right-of-way along the existing 80' wide Fern Avenue from Airport Drive to State Highway 59.
- Cross Sections, Topographic, Utility, and As-Built survey along the proposed Fern Avenue Extension 140' wide corridor from State Highway 59 to the Foley Beach Express.

Field Surveys Lump Sum Fee: \$66,295.00

RIGHT-OF-WAY MAP, TRACT SKETCHES, AND DEEDS

- Perform property ties thru the proposed Fern Avenue Extension corridor east of State Highway 59
- Stake acquired right of way
- Prepare tract sketches, ROW deeds, and legal descriptions

Right-of-Way Map, Tract Sketches, and Deeds Lump Sum Fee: \$14,073.00

ENGINEERING – ROADWAY PLANS

ROADWAY AND ROADWAY DRAINAGE DESIGN

The engineer hereby agrees to provide professional engineering design services for the project as follows:

- Perform a site visit with the survey noting restrictions, site distance, and general characteristics of the site
- Develop preliminary set of construction plans with preliminary cost estimates of the roadway improvements
- Coordinate with the City, Utility Providers, and ALDOT to review the preliminary design plans
- Develop intersection signal design and turn lane modifications for the intersection of Fern Avenue and State Highway 59 and the intersection of Fern Avenue Extension and the Foley Beach Express
- Meet with City and ALDOT to review the preliminary set of construction plans
- Identify any issues needed to address for final design and coordination
- Further develop preliminary plans into final construction plans including Title Sheet, quantity sheet, typical section, general notes, intersection details at 1"=20', entrance drive plan and profile, pavement marking plan, cross sections, signalization plans (by others), traffic control details.
- Meet with the City and ALDOT for review
- Develop quantities and cost estimates
- Submit plans to City and ALDOT for review and letting by ALDOT
- Develop contract documents and specifications as required by ALDOT
- Attend the pre-bid and pre-construction conferences

Engineering – Roadway Plans Lump Sum Fee: \$185,580.00

ENVIRONMENTAL (CORRIDOR STUDY)

NATIONAL ENVIRONMENTAL POLICY ACT DOCUMENTATION – CATEGORICAL EXCLUSION

The scope of work described below is based on the requirements set forth in "ALDOT's County Transportation Bureau 2012 Procedural Guidelines for Federal-Aid Projects other than Bridge Replacement or 3R" and also evolving guidance being produced by the ALDOT Administration Bureau Innovative Programs Section. The consultant shall prepare the necessary documents and submit them to the ALDOT Innovative Programs Section, through the appropriate Division. The following scope of work will be used to conduct the environmental process to produce an environmental document that will comply with the National Environmental Policy Act and applicable supporting regulations and Executive Orders necessary to obtain approval for a Categorical Exclusion based on the above-referenced guidelines. It should be noted that the resulting environmental documentation will be valid for three (3) years from the date of the project's resolution. If the project has not been authorized within three (3) years of the date of the resolution, the data must be resubmitted. Volkert will perform or assist in the development of the following items:

Project Location Maps

A Project Location Map (legible at letter size) using a 1:120,000-scale official Alabama Department of Transportation County Road Map will be prepared. In addition, 7.5 minute USGS topographic maps (letter size) showing the project location will be prepared.

Coordination with the ALDOT and FHWA to Identify Appropriate Level of Environmental Documentation

Coordination with the Division, ALDOT Innovative Programs, and the Federal Highway Administration will be required to identify the appropriate level of environmental documentation for the proposed project.

Project Review Consultation Form

The Project Review Consultation Form for use in coordination with the Alabama Historical Commission will be completed and transmitted to the Innovative Programs Section and the Division in which the proposed project is located.

Letter of Involvement/Initial Scope of Work

A Letter of Involvement/Initial Scope of Work will be prepared stating whether the proposed project would have any involvement with lands from a public park, recreation area, wildlife refuge, historic site, navigable waterway, airport, or railroad.

If the proposed project is located within two (2) miles of airport, coordination with the local ALDOT Division will be required to determine the appropriate procedures for addressing potential impacts on airport property. If the proposed project significantly increases the elevation of the roadway in relation to the airport, special procedures may be required.

If the proposed project involves a railroad grade crossing and work is to be performed within the railroad right-of-way, a Railroad Agreement or Memorandum of Understanding (MOU) will be required. If no work is to be conducted within the railroad right-of-way, the Letter of Involvement will clearly state this fact.

One (1) copy of the Letter of Involvement/Initial Scope of Work will be provided to both the Innovative Programs Section and the Division in which the proposed project is located.

Environmental Document

The environmental document will be prepared in accordance with the available example furnished by the Innovative Programs Section at the time the environmental document is initiated. Four (4) original signed copies will be submitted to the local ALDOT Division. Once received by the Division, the environmental document will be reviewed and forwarded to ALDOT's Innovative Programs Section for their review and approval. After approval by

ALDOT, the letter will be forwarded to the Office Engineer for further review and submission to the Federal Highway Administration.

Environmental Document Assumptions

- NEPA process will be CE.
- Right of way will be required.
- Cultural Resources Surveys are required.
- Project involves a new intersection so an air quality study will be required.
- Project involves new location roadway so a noise study will be required.
- Public Involvement will be required.

Environmental Permitting

DEPARTMENT OF THE ARMY (DOA), U.S. ARMY CORPS OF ENGINEERS (COE) SECTION 404 PERMIT APPLICATION

This permit is required for wetland fill. The COE will be the lead federal agency.

- Prepare and submit the Section 404 permit application and develop the necessary attachments for the proposed project.
- Conduct and attend two on-site reviews with the regulatory agencies.
- Perform a Wetland Determination of the project limits.

Response to comments received after the Public Notice will be performed under a separate scope of work on an hourly basis, since we cannot predict the number or extent of responses at this time.

Note: There is no guarantee assumed or implied that the regulatory agencies involved will approve the requested fill. Wetland permit fees and mitigation costs are not included in the fee estimate and will be the responsibility of the Owner when these items are determined through future coordination with the regulatory agency.

Additional Services

Should additional services and/or studies not specifically described above be required to satisfy the Federal Highway Administration's requirements, additional services will be performed based on the attached fee schedule, attached hereto as Exhibit "A".

Environmental Lump Sum Fee: \$81,107.00

Geotechnical Services by GET Geotechnical Testing:

The geotechnical services for design phase and testing will be provided by GET Geotechnical Testing as a sub-consultant to Volkert. Generally the work includes design phase services that may include coring the roadway and non-roadway areas to determine asphalt thickness and base conditions and will be used to develop pavement and base design for the project. Services to be billed in accordance with the unit rates provided in Exhibit "B".

Geotechnical Estimated Hourly Budget: \$98,516.00

Summary of Fees

Please see man power and fee proposal, attached hereto as Exhibit "C" for a detailed breakdown of the proposed man days and fee rates. Below is a summary of the fees for the scope of work defined above.

Lump Sum		
Field Surveys	\$66,295.00	Lump Sum
Right-of-Way Map, Tract Sketches, and Deeds	\$14,073.00	Lump Sum
Engineering Roadway & Roadway Drainage Design	\$185,580.00	Lump Sum
Environmental (Corridor Study)	\$81,107.00	Lump Sum
Geotechnical (Subconsultant Admin.)	\$4,926.00	Lump Sum
Total Lump Sum Fees	<u>\$351,981.00</u>	
 Hourly and Rate fees		
Design Phase Geotechnical	\$98,516.00	Unit Rate
Total hourly and rate fees	<u>\$98,516.00</u>	
 Grand Total Fees:	 <u>\$450,497.00</u>	

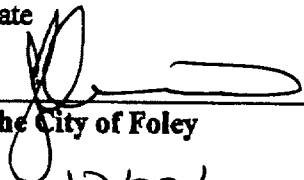
SCHEDULE- Work will be scheduled upon receipt of authorization and will continue until complete.

FEE- Fees will be billed monthly as work progresses on either a percent complete or on an hourly/rate basis as noted above.

It is expressly agreed upon and stipulated between the parties that this contract shall be deemed to have been made in the State of Alabama where the principal office of Volkert, Inc. is located. This contract shall be governed by the laws of the State of Alabama. The Circuit or District Court of Mobile, Alabama shall have jurisdiction over any dispute which arises under this contract, and each of the parties shall submit and hereby consents to the jurisdiction of either such court.

Submitted by: 
Volkert, Inc.
Guy E. O'Connor, P.E.

09/23/2013
Date

Approved by: 
The City of Foley
10/28/2013
Date

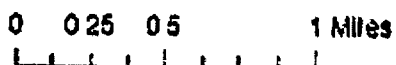


EXHIBIT "A"

VOLKERT, INC.

ENVIRONMENTAL FEE SCHEDULE



**CITY OF FOLEY
FEE SCHEDULE
EFFECTIVE MARCH 1, 2013**

<u>CLASSIFICATION</u>	<u>HOURLY BILLING RATE</u>	<u>OVERTIME HOURLY BILLING RATE</u>
Principal	\$230.00	\$230.00
Manager	\$220.00	\$220.00
Agency Liaison	\$220.00	\$220.00
Supervisor	\$200.00	\$200.00
Project Manager	\$170.00	\$170.00
Staff 2 Professional	\$125.00	\$125.00
Staff 1 Professional	\$100.00	\$100.00
Senior Designer	\$120.00	\$155.00
Designer	\$100.00	\$130.00
Technician	\$95.00	\$120.00
Drafter	\$55.00	\$70.00
Construction Manager	\$210.00	\$210.00
Construction Project Manager	\$130.00	\$130.00
Construction Inspector 2	\$85.00	\$110.00
Construction Inspector 1	\$50.00	\$65.00
Bridge Inspector	\$115.00	\$145.00
Survey Manager	\$165.00	\$165.00
Senior Surveyor	\$95.00	\$125.00
Survey Crew (2 Man)	\$160.00	\$205.00
Survey Crew (3 Man)	\$210.00	\$270.00
Survey Crew (4 Man)	\$250.00	\$320.00
Survey Crew (5 Man)	\$290.00	\$375.00
Project Administrator	\$115.00	\$145.00
Clerical	\$70.00	\$90.00
ROW Manager	\$230.00	\$230.00
Appraiser Supervisor	\$130.00	\$130.00
Appraiser Project Manager	\$100.00	\$100.00
Negotiator Project Manager	\$100.00	\$100.00
Negotiator	\$85.00	\$85.00
Relocation Project Manager	\$100.00	\$100.00
Relocation	\$95.00	\$95.00
ROW Clerical	\$45.00	\$45.00

OTHER

Mileage.....	Included in Hourly Billing Rate
In House Printing	Included in Hourly Billing Rate
Out of Pocket Expenses (Not Identified Above & Specific to Assignment)	Cost

This rate schedule will be effective through March 1, 2014, at which time a revised Hourly Billing Rate Schedule will be mutually agreed to by Owner and Consultant.

EXHIBIT "B"

**GEOTECHNICAL ENGINEERING TESTING, INC. FEE
PROPOSAL**

Dated September 16, 2013

ESTIMATE
 GEOTECHNICAL DESIGN SERVICES FOR
 FERN AVENUE REHABILITATION, RESURFACING AND EXTENSION
 CITY OF FOLEY, ALABAMA
 9/16/2013

TASK	ITEM	UNIT	RATE	QUANTITY	ITEM COST	TASK SUBTOTAL
Project Planning and Start Up						
	• Staff Professional - 1	hour	\$ 84.93	8	\$ 679.44	
	• Staff Professional - 2	hour	\$ 110.58	8	\$ 884.64	
	• Staff Professional - 3	hour	\$ 136.77	12	\$ 1,641.24	
	• Draftsman	hour	\$ 67.94	8	\$ 543.52	
	• Mileage	mile	\$ 0.565	100	\$ 56.50	
						\$ 3,805.34
Drilling						
	• Mobilization- ATV Drill	LS	\$ 500.00	1	\$ 500.00	
	• Soil Boring - AASHTO T206	ft	\$ 14.34	900	\$ 12,906.00	
	• 2" PVC Piezometer	ft	\$ 11.00	150	\$ 1,650.00	
	• Asphalt Casing (4" Diameter)	in	\$ 7.98	48	\$ 388.84	
	• Thin-Walled Tube Sampling	each	\$ 63.09	16	\$ 1,009.44	
	• Water Truck	day	\$ 146.08	12	\$ 1,752.96	
	• Technician - 1	hour	\$ 33.97	24	\$ 815.28	
	• Technician - 2	hour	\$ 46.92	24	\$ 1,126.08	
	• Technician - 3	hour	\$ 55.29	24	\$ 1,328.24	
						\$ 21,454.84
Clearing, Access, Erosion Control, Topsoil Measurements, Muck Soundings, and Project Field Supervision						
	• Clearing	Cost Plus + 10%	estimated		\$ 4,000.00	
	• Erosion Control Materials	Cost Plus + 10%	estimated		\$ 500.00	
	• Traffic Control	Cost Plus + 10%	estimated		\$ 1,500.00	
	• Technician - 1	hour	\$ 33.97	30	\$ 1,019.10	
	• Technician - 3	hour	\$ 55.29	30	\$ 1,657.80	
	• Technician - 5	hour	\$ 75.98	24	\$ 1,823.04	
	• Staff Professional - 1	hour	\$ 84.93	60	\$ 5,095.80	
	• Staff Professional - 2	hour	\$ 110.58	8	\$ 884.64	
	• Staff Professional - 3	hour	\$ 136.77	8	\$ 1,094.16	
	• Staff Professional - 4	hour	\$ 155.04	4	\$ 620.16	
	• Mileage	mile	\$ 0.565	1000	\$ 565.00	
						\$ 18,759.70
Laboratory Testing						
	• Dry Preparation of Soil Samples	each	\$ 20.00	120	\$ 2,400.00	
	• Sieve Analysis (hydrometer)	each	\$ 95.00	20	\$ 1,900.00	
	• Sieve Analysis	each	\$ 70.00	100	\$ 7,000.00	
	• Atterberg Limits	each	\$ 67.50	100	\$ 6,750.00	
	• Und. Triaxial Test UU w/out pp	point	\$ 110.00	8	\$ 880.00	
	• One Dimensional - Consolidation Test	point	\$ 300.00	4	\$ 1,200.00	
	• STD. Proctor	each	\$ 100.00	4	\$ 400.00	
	• Laboratory Resilient Modulus	each	\$ 550.00	4	\$ 2,200.00	
	• Topsoil Test	each	\$ 150.00	6	\$ 900.00	
	• Moisture Content Test	each	\$ 11.21	150	\$ 1,681.50	
						\$ 25,311.50

ESTIMATE
 GEOTECHNICAL DESIGN SERVICES FOR
 FERN AVENUE REHABILITATION, RESURFACING AND EXTENSION
 CITY OF FOLEY, ALABAMA

9/16/2013

TASK	ITEM	UNIT	RATE	QUANTITY	ITEM COST	TASK SUBTOTAL
Analysis and Report Preparation						
	• Technician - 5	hour	\$ 75.96	48	\$ 3,646.08	
	• Staff Professional - 2	hour	\$ 110.58	80	\$ 8,846.40	
	• Staff Professional - 3	hour	\$ 138.77	60	\$ 8,306.20	
	• Staff Professional - 4	hour	\$ 155.04	16	\$ 2,480.64	
	• Draftsman	hour	\$ 67.84	40	\$ 2,717.60	
	• Computer Processor	hour	\$ 54.84	8	\$ 438.72	
						\$ 26,335.64
Project Meetings						
	• Staff Professional - 3	hour	\$ 138.77	20	\$ 2,735.40	
	• Mileage	mile	\$ 0.586	200	\$ 113.00	
						\$ 2,848.40
ESTIMATED TOTAL FEE:						\$ 98,516.22

GEOTECHNICAL ENGINEERING-TESTING, INC.

EXHIBIT 'G'

VOLKERT, INC. FEE PROPOSAL

Dated September 16, 2013

**VOLKERT, INC.
MANPOWER AND FEE PROPOSAL**

FOR

The City of Foley

Fern Avenue Resurfacing and Extension

Baldwin County

**Corridor Study, Field Survey, Construction Plans and
Geotech**

September 16, 2013

9/18/2013

City of Foley

Project No.	N/A
County	Baldwin
Description	Fern Avenue Resurfacing and Extension
Scope of Work	Corridor Study, Field Survey, Construction Plans and Geotech
Project Length	3.50 Miles
Consultant Volkert, Inc.	
GRAND TOTAL OF FEE PROPOSAL	
Corridor Study	\$81,107
Field Surveys	\$66,295
Right-of-Way Map, Tract Sketches and Deeds	\$14,073
Roadway Plans	\$185,580
Geotechnical	\$103,442
GRAND TOTAL FEE	\$450,497

Combined overhead rate (%) >>>>>>>>>>>>	155.61
--	---------------

Facilities Capital Cost of Money (if used) >>>>> 0.374

LABOR RATES

Classification	Daily Rate
Project Manager	\$654.96
Engineer	\$315.04
Environmental	\$319.35
Engineering Technician/CADD	\$217.14
Environmental Technician	\$287.12
Clerical	\$0.00
PLS	\$334.56
Survey Crew	\$611.12

****Certification of Out-of-Pocket Expenses:**

If Out-of-Pocket Expenses are included in this proposal, we hereby certify that these costs are not included in the Combined Overhead Rate and are typically invoiced to all clients as a direct job cost.

DMW

September 19, 2013

Signed

Date _____

Vice President

Position/Title

Project No. N/A			
County Baldwin			
Description Fern Avenue Resurfacing and Extension			
Scope of Work Corridor Study, Field Survey, Construction Plans and Geote			
Project Length 3.50 Miles			
Consultant Volkert, Inc.			
Fee Proposal (Corridor Study)			
PERSONNEL COST			
	Man-days x Daily Rate		
Project Manager (10% of Eng. & Env.)	3.70	\$ 654.96	\$ 2,423.35
Engineer	0.00	\$ 315.04	\$ -
Engineering Technician/CADD	0.00	\$ 217.14	\$ -
Environmental	37.00	\$ 319.35	\$ 11,815.95
Environmental Technician	46.00	\$ 287.12	\$ 13,207.52
Clerical	0.00	\$ -	\$ -
	Total Direct Labor		\$ 27,446.82
Combined Overhead (%)	155.61		\$ 42,710.00
Out-of-Pocket Expenses**			\$ 282.50
	Sub-Total		\$ 70,439.32
Operating Margin (15%)			\$ 10,565.90
	Sub-Total		\$ 81,005.22
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ -
	Sub-Total		\$ 81,005.22
Facilities Capital Cost of Money (% of Direct Labor)	0.37		\$ 101.55
	TOTAL FEE		\$ 81,106.77

**See Grand Total Fee sheet

NOTES:

1. NEPA process is assumed to be a CE.
2. A fee for Cultural resource surveys is included in the Environmental studies mandays.
3. New intersections will require an air quality study.
4. Public involvement will be required.
5. This proposal does not include permitting fees, mitigation costs or environmental monitoring during construction.

9/18/2013

City of Foley

Project No. <u>N/A</u> County <u>Baldwin</u> Description <u>Fern Avenue Resurfacing and Extension</u> Scope of Work <u>Corridor Study, Field Survey, Construction Plans and Geotech</u> Project Length <u>3.50 Miles</u> Consultant <u>Volkert, Inc.</u>					
CORRIDOR STUDY					
	Engineer	Engineer. Tech.	Environment	Environ. Tech.	Clerical
Task A: Preliminary Corridor Investigation					
A-1 Obtain & Study State Supplied Maps	0.00	0.00	0.00	1.00	0.00
A-2 Prepare Corridor Base Maps, Identify Features & Env. Sensitive Areas	0.00	0.00	1.00	1.00	0.00
A-3 Consult With Various Agencies, Ascertain Their Requirements	0.00	0.00	2.00	2.00	0.00
A-4 Develop General Design Criteria for Each Reasonable Alternate	0.00	0.00	0.00	0.00	0.00
A-5 Perform a Capacity Analysis for Each Design Alternate	0.00	0.00	0.00	0.00	0.00
A-6 Meet with State and FHWA	0.00	0.00	2.00	2.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
Task A Totals	0.00	0.00	5.00	6.00	0.00
Task B: Alternative Upgrading Studies					
B-1 Develop and Study Preliminary Alternate Designs to Determine Feasibility	0.00	0.00	0.00	0.00	0.00
B-2 Tabulate ROW Requirements for All Alternates/Develop Cost Estimates	0.00	0.00	0.00	0.00	0.00
B-3 Conduct Environmental Studies/Develop Alternative Matrix (Noise and Air Analysis required)	0.00	0.00	25.00	25.00	0.00
B-4 Prepare Information for and Attend Public Inv. Meeting / Analyze Comments (Assumes Volk)	0.00	0.00	2.00	5.00	0.00
B-5 Review Feasible Alternates & Prepare a Categorical Exclusion	0.00	0.00	0.00	0.00	0.00
B-6 Prepare Information for and Attend Corridor Hearing / Analyze Comments	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
Task B Totals	0.00	0.00	27.00	30.00	0.00
Task C: Permitting					
C-1 Assist with ADEM NPDES permit and USACE Individual permit documentation (fees and ml)	0.00	0.00	5.00	10.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
Task C Totals	0.00	0.00	5.00	10.00	0.00
TOTALS	0.00	0.00	37.00	46.00	0.00

9/18/2013

City of Foley

Project No. N/A
 County Baldwin
 Description Fern Avenue Resurfacing and Extension
 Scope of Work Corridor Study, Field Survey, Construction Plans and Geotech
 Project Length 3.50 Miles

Consultant Volkert, Inc.**Out-of-pocket Expenses (Corridor Study)****TRAVEL COST**

Mileage Cost	Trips	Miles/Trip	\$/Mile	Total
5 trips for meetings with USACE and ALDOT	5	100	\$0.565	\$ 282.50
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
Total Mileage Cost				\$ 282.50

Subsistence Cost	Days	# People	\$/Day	Total
Travel allowance (8 hour trips)	0	0	\$11.25	\$ -
Travel allowance (12 hour trips - meal provided by others)	0	0	\$20.00	\$ -
Travel allowance (12 hour trips)	0	0	\$30.00	\$ -
Travel allowance (overnight)***	0	0	\$75.00	\$ -
				\$ -
Total Subsistence Cost				\$ -
Total Travel Cost				\$ 282.50

PRINTING / REPRODUCTION COST

Type of printing/reproduction	# of Sets	Sheets/Set	Total Sheets	Cost/Sheet	Total
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
Total Printing/Reproduction Cost					\$ -

Communication Cost (telephone, fax, etc.)	Total
	\$ -

Postage Cost (overnight, stamps, etc.)	Total
	\$ -

Other (provide description on next line)	Total
	\$ -

Total Out-of-pocket Expenses	\$ 282.50
-------------------------------------	------------------

Comments:

9/18/2013

City of Foley

Project No. <u>N/A</u>			
County <u>Baldwin</u>			
Description <u>Fern Avenue Resurfacing and Extension</u>			
Scope of Work <u>Corridor Study, Field Survey, Construction Plans and Geote</u>			
Project Length <u>3.50 Miles</u>			
Consultant <u>Volkert, Inc.</u>			
Fee Proposal (Field Survey)			
PERSONNEL COST			
	Man-days x Daily Rate		
Project Manager (10% of PLS)	0.49	\$ 654.96	\$ 320.93
PLS	4.85	\$ 334.56	\$ 1,622.62
Survey Crew (see man-day sheet)	27.50	\$ 611.12	\$ 16,805.80
Engineering Technician/CADD	17.25	\$ 217.14	\$ 3,745.67
Clerical	0.00	\$ -	\$ -
Total Direct Labor			\$ 22,495.02
Combined Overhead (%)	155.61		\$ 35,004.50
Out-of-Pocket Expenses**			\$ 76.28
Sub-Total			\$ 57,575.80
Operating Margin (15%)			\$ 8,636.37
Sub-Total			\$ 66,212.17
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
		\$	-
		\$	-
		\$	-
Subconsultant Administration Expense (5%)		\$	-
Sub-Total			\$ 66,212.17
Facilities Capital Cost of Money (% of Direct Labor)	0.37	\$	83.23
TOTAL FEE			\$ 66,295.40

9/18/2013

City of Foley

Project No. N/A	
County Baldwin	
Description Fern Avenue Resurfacing and Extension	
Scope of Work Corridor Study, Field Survey, Construction Plans and Geotech	
Project Length 3.50 Miles	
Consultant Volkert, Inc.	

FIELD SURVEY

Based on a 4 Man Crew

Task A: Mobilization and Basic Control Survey

A-1 Mobilize/Demobilize

A-2 Contact Property Owners

A-3 Perform Basic Control Survey

A-4 Conduct On-site Inspection

Task A Totals

Task B: Project Alignment and Profile

B-1 Run Closure of Basic Control Survey/Prepare Closure Diagram

B-2 Establish Centerline/Obtain Ground Profile

B-3 Obtain Topographic Data

Task B Totals

Task C: Supplemental Control Surveys and Data Gathering

C-1 Traverse Cross-Roads and Railroads

C-2 Stream Topography & Cross Sections/Complete HYD-100 & 101 Forms

C-3 Obtain Cross-Sections at 100' Intervals and Ground Break Points

Task C Totals

Task D: Utility Surveys, Drainage Sections and Compilation of Data

D-1 Identify/Locate Utilities

	PLS	Crew	Tech/CADD	Clerical
Task A: Mobilization and Basic Control Survey				
A-1 Mobilize/Demobilize	0.00	1.00	0.00	0.00
A-2 Contact Property Owners	0.10	0.00	0.25	0.00
A-3 Perform Basic Control Survey	0.00	2.00	0.00	0.00
A-4 Conduct On-site Inspection	1.00	0.00	1.00	0.00
Task A Totals	1.10	3.00	1.25	0.00
Task B: Project Alignment and Profile				
B-1 Run Closure of Basic Control Survey/Prepare Closure Diagram	0.25	1.00	1.00	0.00
B-2 Establish Centerline/Obtain Ground Profile	0.00	1.00	0.00	0.00
B-3 Obtain Topographic Data	0.50	5.00	4.00	0.00
Task B Totals	0.75	7.00	5.00	0.00
Task C: Supplemental Control Surveys and Data Gathering				
C-1 Traverse Cross-Roads and Railroads	0.00	0.50	0.00	0.00
C-2 Stream Topography & Cross Sections/Complete HYD-100 & 101 Forms	0.25	3.00	1.00	0.00
C-3 Obtain Cross-Sections at 100' Intervals and Ground Break Points	0.50	6.00	2.00	0.00
Task C Totals	0.75	9.50	3.00	0.00
Task D: Utility Surveys, Drainage Sections and Compilation of Data				
D-1 Identify/Locate Utilities	0.25	1.00	0.50	0.00

9/18/2013

City of Foley

FIELD SURVEY				
	PLS	Crew	Tech/CADD	Clerical
D-2 Obtain Hydrological Location Survey	0.00	0.00	0.00	0.00
D-3 Tie All Available Section Corners & All Available Front Corners of Affected Properties to Project Centerline	0.50	3.00	2.00	0.00
D-4 Obtain Copies of Latest Deeds	0.00	0.00	1.00	0.00
D-5 Set & Reference Pls, PCs, POTs, POCs, & other critical points	0.50	2.00	1.00	0.00
D-6 Reduce Survey Field Notes	0.50	0.00	3.00	0.00
D-7 Stake ROW	0.50	2.00	0.50	0.00
Task D Totals	2.25	8.00	8.00	0.00
TOTALS	4.85	27.50	17.25	0.00

9/18/2013

City of Foley

Project No. <u>N/A</u>				
County <u>Baldwin</u>				
Description <u>Fern Avenue Resurfacing and Extension</u>				
Scope of Work <u>Corridor Study, Field Survey, Construction Plans and Geotech</u>				
Project Length <u>3.50 Miles</u>				
Consultant <u>Volkert, Inc.</u>				
Out-of-pocket Expenses (Field Survey)				
TRAVEL COST				
Mileage Cost	Trips	Miles/Trip	\$/Mile	Total
Trips to Site	27	5	\$0.565	\$ 76.28
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
Total Mileage Cost				\$ 76.28
Subsistence Cost	Days	# People	\$/Day	Total
Travel allowance (6 hour trips)	0	0	\$11.25	\$ -
Travel allowance (12 hour trips - meal provided by others)	0	0	\$20.00	\$ -
Travel allowance (12 hour trips)	0	0	\$30.00	\$ -
Travel allowance (overnight)***	0	0	\$75.00	\$ -
				\$ -
Total Subsistence Cost				\$ -
Total Travel Cost				\$ 76.28
PRINTING / REPRODUCTION COST				
Type of printing/reproduction	# of Sets	Sheets/Set	Total Sheets	Cost/Sheet
	0	0	0	\$ -
	0	0	0	\$ -
	0	0	0	\$ -
	0	0	0	\$ -
	0	0	0	\$ -
	0	0	0	\$ -
Total Printing/Reproduction Cost				\$ -
Communication Cost (telephone, fax, etc.)				Total
				\$ -
Postage Cost (overnight, stamps, etc.)				Total
				\$ -
Other (provide description on next line)				Total
				\$ -
Total Out-of-pocket Expenses				\$ 76.28
Comments:				

9/18/2013

City of Foley

Project No. <u>N/A</u>			
County <u>Baldwin</u>			
Description <u>Fern Avenue Resurfacing and Extension</u>			
Scope of Work <u>Corridor Study, Field Survey, Construction Plans and Geotech</u>			
Project Length <u>3.50</u> Miles			
Consultant <u>Volkert, Inc.</u>			
Fee Proposal (ROW Map, Tract Sketches & Deeds)			
PERSONNEL COST			
	Man-days x Daily Rate		
Project Manager (10% of Eng.)	0.40	\$ 854.98	\$ 261.98
Engineer	4.00	\$ 315.04	\$ 1,260.16
Engineering Technician/CADD	15.00	\$ 217.14	\$ 3,257.10
Clerical	0.00	\$ -	\$ -
	Total Direct Labor		\$ 4,779.24
Combined Overhead (%)	155.61		\$ 7,436.98
Out-of-Pocket Expenses**			\$ 5.65
	Sub-Total		\$ 12,221.87
Operating Margin (15%)			\$ 1,833.28
	Sub-Total		\$ 14,055.15
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
			\$ -
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ -
	Sub-Total		\$ 14,055.15
Facilities Capital Cost of Money (% of Direct Labor)	0.37		\$ 17.68
	TOTAL FEE		\$ 14,072.83

**See Grand Total Fee sheet

9/18/2013

City of Foley

Project No. N/A County Baldwin Description Fern Avenue Resurfacing and Extension Scope of Work Corridor Study, Field Survey, Construction Plans and Geotech Project Length 3.50 Miles Consultant Volkert, Inc.			
ROW Map, Tract Sketches and Deeds	Engineer	Tech/CADD	Clerical
<i>Estimated number of takings= 12</i>			
Task A: Right-of-Way Map	2.00	5.00	0.00
Task B: Tract Sketches	1.00	5.00	0.00
Task C: Deeds	1.00	5.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
TOTALS	4.00	15.00	0.00

9/18/2013

City of Foley

Project No. N/A
 County Baldwin
 Description Fern Avenue Resurfacing and Extension
 Scope of Work Corridor Study, Field Survey, Construction Plans and Geotech
 Project Length 3.50 Miles

Consultant Volkert, Inc.**Out-of-pocket Expenses (ROW Map, Tract Sketches & Deeds)**

TRAVEL COST					
Mileage Cost	Trips	Miles/Trip	\$/Mile	Total	
Trips to Court House	2	5	\$0.565	\$ 5.65	
	0	0	\$0.565	\$ -	
	0	0	\$0.565	\$ -	
	0	0	\$0.565	\$ -	
Total Mileage Cost				\$ 5.65	
Subsistence Cost	Days	# People	\$/Day	Total	
Travel allowance (6 hour trips)	0	0	\$11.25	\$ -	
Travel allowance (12 hour trips - meal provided by others)	0	0	\$20.00	\$ -	
Travel allowance (12 hour trips)	0	0	\$30.00	\$ -	
Travel allowance (overnight)***	0	0	\$75.00	\$ -	
				\$ -	
Total Subsistence Cost				\$ -	
Total Travel Cost				\$ 5.65	
PRINTING / REPRODUCTION COST					
Type of printing/reproduction	# of Sets	Sheets/Set	Total Sheets	Cost/Sheet	Total
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
Total Printing/Reproduction Cost					\$ -
Communication Cost (telephone, fax, etc.)					Total
					\$ -
Postage Cost (overnight, stamps, etc.)					Total
					\$ -
Other (provide description on next line)					Total
					\$ -
Total Out-of-pocket Expenses				\$ 5.65	

Comments:

9/18/2013

City of Foley

Project No. N/A			
County Baldwin			
Description Fern Avenue Resurfacing and Extension			
Corridor Study, Field Survey, Construction Plans and			
Scope of Work Geotech			
Project Length 3.50 Miles			
Consultant Volkert, Inc.			
Fee Proposal (Roadway Plans)			
PERSONNEL COST			
	Man-days x Daily Rate		
Project Manager (10% of Eng.)	10.19	\$ 654.96	\$ 6,674.04
Engineer	101.85	\$ 315.04	\$ 32,088.82
Engineering Technician/CADD	111.85	\$ 217.14	\$ 24,287.11
Clerical	0.00	\$ -	\$ -
Total Direct Labor		\$	\$ 63,047.97
Combined Overhead (%)	155.81	\$	\$ 98,108.95
Out-of-Pocket Expenses**		\$	\$ 14.13
Sub-Total		\$	\$ 161,171.05
Operating Margin (15%)		\$	\$ 24,175.66
Sub-Total		\$	\$ 185,346.71
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
		\$	\$ -
		\$	\$ -
Subconsultant Administration Expense (5%)		\$	\$ -
Sub-Total		\$	\$ 185,346.71
Facilities Capital Cost of Money (% of Direct Labor)	0.37	\$	\$ 233.28
TOTAL FEE		\$	\$ 185,579.99

**See Grand Total Fee sheet

Project Number <u>N/A</u>		CPMS # _____			
County <u>Baldwin</u>					
Description <u>Fern Avenue Resurfacing and Extension</u>					
Scope of work <u>Corridor Study, Field Survey, Construction Plans and Geotech</u>					
Length <u>3.50</u> miles					
Consultant <u>Volkert, Inc.</u>					

ROADWAY PLANS SHEET TITLE	NO OF SHEETS	ESTIMATED MAN-DAYS			
		ENGINEER		TECHNICIAN	
		SHEET	TOTAL	SHEET	TOTAL
TITLE SHEET	1.00	0.10	0.10	0.25	0.25
INDEX SHEET	1.00	0.25	0.25	0.50	0.50
GEOMETRIC LAYOUT/SURVEY CONTROL	1.00	0.50	0.50	1.00	1.00
PROJECT NOTE SHEET (Project)	1.00	0.25	0.25	0.25	0.25
PROJECT NOTE SHEET (TCP)	1.00	0.25	0.25	0.25	0.25
PROJECT NOTE SHEET (Signage)	1.00	0.25	0.25	0.25	0.25
PROJECT NOTE SHEET (Signals)	1.00	0.25	0.25	0.25	0.25
PROJECT NOTE SHEET (ITS)	0.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Lighting)	0.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Traffic Loops)	0.00	0.00	0.00	0.00	0.00
PLANS LEGEND & ABBREVIATIONS	1.00	0.10	0.10	0.15	0.15
TYPICAL SECTIONS					
Main Roadway	1.00	1.00	1.00	1.50	1.50
Cross Roads	1.00	1.00	1.00	1.50	1.50
Details	1.00	0.50	0.50	0.50	0.50
Ramps	0.00	0.00	0.00	0.00	0.00
Ditches	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
SUMMARY SHEET					
Main Summary	2.00	0.25	0.50	0.50	1.00
SUMMARY BOX SHEETS					
Roadway Drainage (non-culvert)	1.00	1.00	1.00	1.00	1.00
Culvert Extension, New Culvert	0.00	0.00	0.00	0.00	0.00
Bridge Culvert Extension, New Bridge Culvert	0.00	0.00	0.00	0.00	0.00
Guardrail/End Anchors	0.00	0.00	0.00	0.00	0.00
Slope Paving (Under Bridges)	0.00	0.00	0.00	0.00	0.00
Side Drain Pipe	1.00	0.25	0.25	0.50	0.50
Signing	1.00	0.25	0.25	0.25	0.25
Base & Pavement	1.00	1.00	1.00	1.00	1.00
Bridge	0.00	0.00	0.00	0.00	0.00
Striping & Pavement Markings	1.00	0.25	0.25	0.50	0.50
Curb & Gutter	1.00	0.25	0.25	0.25	0.25
Bridge End Slabs	0.00	0.00	0.00	0.00	0.00
Roadway Lighting	0.00	0.00	0.00	0.00	0.00
Signals	1.00	1.00	1.00	1.00	1.00
ITS	0.00	0.00	0.00	0.00	0.00
Sidewalk	1.00	0.25	0.25	0.25	0.25
Slope Paving (Ditches)/Ditch Summary	1.00	0.50	0.50	1.00	1.00
Concrete Safety Barrier	0.00	0.00	0.00	0.00	0.00
Retaining Wall	0.00	0.00	0.00	0.00	0.00
Misc. Boxes	2.00	0.50	1.00	0.50	1.00

ROADWAY PLANS SHEET TITLE	NO OF SHEETS	ESTIMATED MAN-DAYS			
		ENGINEER		TECHNICIAN	
		SHEET	TOTAL	SHEET	TOTAL
Erosion Control	1.00	0.50	0.50	1.00	1.00
Removal Items	1.00	0.25	0.25	0.25	0.25
Utility Relocation	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
PLAN & PROFILE					
Main Roadway	7.00	2.00	14.00	2.00	14.00
Crossroads	0.00	0.00	0.00	0.00	0.00
Detours	0.00	0.00	0.00	0.00	0.00
Retaining Walls	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
PAVING LAYOUT (includes striping and signing)					
Main Roadway	7.00	1.00	7.00	1.50	10.50
Crossroads	0.00	0.00	0.00	0.00	0.00
Intersections	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
INTERCHANGES					
Geometrics	0.00	0.00	0.00	0.00	0.00
Ramps Profiles	0.00	0.00	0.00	0.00	0.00
Site Grading	0.00	0.00	0.00	0.00	0.00
Cross Sections	0.00	0.00	0.00	0.00	0.00
Signing	0.00	0.00	0.00	0.00	0.00
Ramp Gore Details	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
TRAFFIC CONTROL					
Sequence of Construction	1.00	1.00	1.00	1.00	1.00
Summary & Items	1.00	1.00	1.00	1.00	1.00
Typical Section Sketches	1.00	1.00	1.00	1.00	1.00
Layout Sheets (signs, devices, shifts, etc.)	14.00	0.25	3.50	0.50	7.00
Special Drawings	1.00	0.10	0.10	0.15	0.15
	0.00	0.00	0.00	0.00	0.00
SIGNING (on paving layout)					
Sign Layout	0.00	0.00	0.00	0.00	0.00
Sign X-Section	0.00	0.00	0.00	0.00	0.00
Sign Panel Details	0.00	0.00	0.00	0.00	0.00
Soils Data Sheets (provided by ALDOT)	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
SIGNALIZATION					
Signal Layout and Traffic Analysis (1 per site)	2.00	2.00	4.00	2.00	4.00
Traffic Counts (1 per site)	2.00	0.15	0.30	1.00	2.00
Signal Warrant Analysis (1 per site)	2.00	0.50	1.00	0.25	0.50
Soils Data Sheets (provided by ALDOT)	2.00	0.00	0.00	0.10	0.20
	0.00	0.00	0.00	0.00	0.00
ITS					
Systems Engineering	0.00	0.00	0.00	0.00	0.00
Special Study	0.00	0.00	0.00	0.00	0.00
Legend	0.00	0.00	0.00	0.00	0.00
Special Details	0.00	0.00	0.00	0.00	0.00
ITS Layouts	0.00	0.00	0.00	0.00	0.00

ROADWAY PLANS SHEET TITLE	NO OF SHEETS	ESTIMATED MAN-DAYS			
		ENGINEER		TECHNICIAN	
		SHEET	TOTAL	SHEET	TOTAL
Optical Fiber Splice Charts	0.00	0.00	0.00	0.00	0.00
Fiber - Cable Routing Diagram	0.00	0.00	0.00	0.00	0.00
Specifications	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
LIGHTING					
Plan Layout	0.00	0.00	0.00	0.00	0.00
Demo Plans	0.00	0.00	0.00	0.00	0.00
Special Details	0.00	0.00	0.00	0.00	0.00
Soils & Passive Pressure (provided by ALDOT)	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
UTILITY SHEETS					
Utility Locations and coordination	7.00	0.50	3.50	0.50	3.50
Plotting new and relocated utility locations on P	7.00	0.50	3.50	1.00	7.00
DRAINAGE SECTIONS					
Pipe & Culvert X-Sect./Hydraulic Computations	5.00	1.00	5.00	1.50	7.50
Hydraulic Calculations for Roadway	1.00	10.00	10.00	1.50	1.50
Details	1.00	1.00	1.00	1.00	1.00
Drainage basin analysis	0.00	0.00	0.00	0.00	0.00
SOIL SHEETS					
Soil Boring Logs	1.00	0.00	0.00	0.10	0.10
Soil Profile	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
EROSION CONTROL					
Legend & Sequence	1.00	1.00	1.00	1.00	1.00
Phased Sheets (Phase I)	7.00	0.50	3.50	0.50	3.50
Phased Sheets (Phase II)	7.00	0.50	3.50	0.50	3.50
Phased Sheets (Phase III)	7.00	0.50	3.50	0.50	3.50
CBMPP & NOI	1.00	2.00	2.00	1.00	1.00
	0.00	0.00	0.00	0.00	0.00
ROADWAY CROSS SECTIONS					
Main Roadway	40.00	0.25	10.00	0.50	20.00
Crossroads	0.00	0.00	0.00	0.00	0.00
Earthwork Balancing	1.00	1.00	1.00	1.00	1.00
	0.00	0.00	0.00	0.00	0.00
REVIEW COMMENTS					
30% Review			2.00		0.00
Plan-in-Hand Inspection			4.00		0.00
PS&E Inspection			3.00		0.00
Cost Estimates					
Design Hearing			1.00		1.00
			0.00		0.00
SUB-TOTAL	152.00		101.85		111.85
10% Supervision			10.19		
TOTALS	152.00		101.85		111.85

9/18/2013

City of Foley

Project No. <u>N/A</u>				
County <u>Baldwin</u>				
Description <u>Fern Avenue Resurfacing and Extension</u>				
Scope of Work <u>Corridor Study, Field Survey, Construction Plans and Geotech</u>				
Project Length <u>3.50 Miles</u>				
Consultant <u>Volkert, Inc.</u>				
Out-of-pocket Expenses (Roadway Plans)				
TRAVEL COST				
Mileage Cost	Trips	Miles/Trip	\$/Mile	Total
Field Reviews	5	5	\$0.565	\$ 14.13
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
Total Mileage Cost				\$ 14.13
Subsistence Cost	Days	# People	\$/Day	Total
Travel allowance (6 hour trips)	0	0	\$11.25	\$ -
Travel allowance (12 hour trips - meal provided by others)	0	0	\$20.00	\$ -
Travel allowance (12 hour trips)	0	0	\$30.00	\$ -
Travel allowance (overnight)***	0	0	\$75.00	\$ -
				\$ -
Total Subsistence Cost				\$ -
Total Travel Cost				\$ 14.13
PRINTING / REPRODUCTION COST				
Type of printing/reproduction	# of Sets	Sheets/Set	Total Sheets	Cost/Sheet
	0	0	0	\$ -
	0	0	0	\$ -
	0	0	0	\$ -
	0	0	0	\$ -
	0	0	0	\$ -
	0	0	0	\$ -
Total Printing/Reproduction Cost				\$ -
Communication Cost (telephone, fax, etc.)				Total
				\$ -
Postage Cost (overnight, stamps, etc.)				Total
				\$ -
Other (provide description on next line)				Total
				\$ -
Total Out-of-pocket Expenses				\$ 14.13
Comments:				

9/18/2013

City of Foley

Project No. <u>N/A</u>			
County <u>Baldwin</u>			
Description <u>Fern Avenue Resurfacing and Extension</u>			
Corridor Study, Field Survey, Construction Plans and			
Scope of Work <u>Geotech</u>			
Project Length <u>3.50</u> Miles			
Consultant <u>Volkert, Inc.</u>			
Fee Proposal (Geotechnical)			
PERSONNEL COST			
	Man-days	x Daily Rate	
Project Manager (10% of Eng.)	0.00	\$ 654.96	\$ -
Engineer	0.00	\$ 315.04	\$ -
Engineering Technician/CADD	0.00	\$ 217.14	\$ -
Clerical	0.00	\$ -	\$ -
	Total Direct Labor		\$ -
Combined Overhead (%)	155.61		\$ -
Out-of-Pocket Expenses**			\$ -
	Sub-Total		\$ -
Operating Margin (15%)			\$ -
	Sub-Total		\$ -
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
Geotechnical Engineering Testing			\$ 98,516.00
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ 4,925.80
	Sub-Total		\$ 103,441.80
Facilities Capital Cost of Money (% of Direct Labor)	0.37		\$ -
TOTAL FEE			\$ 103,441.80

**See Grand Total Fee sheet