

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

FOR

The City of Foley

**Supplemental Agreement # 1
Fern Avenue Resurfacing and Extension**

Baldwin County

Construction Plans and ROW Mapping

March 31, 2017

Combined overhead rate (%) >>>>>>>>>>>>	159.08
Facilities Capital Cost of Money (if used) >>>>>	0.493

Classification	Daily Rate
Project Manager	\$516.00
Engineer	\$285.28
Environmental	\$241.40
Engineering Technician/CADD	\$227.40
Environmental Technician	\$227.40
Clerical	\$0.00
PLS	\$353.92
Survey Crew	\$688.96

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.

17-Mar-31

Date _____

Position/Title

Project No. 140015.AR			
County Baldwin			
Description SA#1 for Fern Avenue Resurfacing and Extension			
Scope of Work Construction Plans, ROW Mapping			
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.)	0.20	\$ 516.00	\$ 103.20
Engineer	2.00	\$ 285.28	\$ 570.56
Engineering Technician/CADD	1.00	\$ 227.40	\$ 227.40
Environmental	0.00	\$ 241.40	\$ -
Environmental Technician	0.00	\$ 227.40	\$ -
Clerical	0.00	\$ -	\$ -
Total Direct Labor			\$ 901.16
Combined Overhead (%)	159.08		\$ 1,433.57
Out-of-Pocket Expenses**			\$ -
Sub-Total			\$ 2,334.73
Operating Margin (15%)			\$ 350.21
Sub-Total			\$ 2,684.94
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ -
Sub-Total			\$ 2,684.94
Facilities Capital Cost of Money (% of Direct Labor)	0.49		\$ 4.42
TOTAL FEE			\$ 2,689.36

**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.

Project No. 140015.AR County Baldwin Description SA#1 for Fern Avenue Resurfacing and Extension Scope of Work Construction Plans, ROW Mapping Project Length 3.50 Miles Consultant Volkert, Inc.					
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	0.00	0.00
A-2 Prepare Corridor Base Maps, Identify Features & Env. Sensitive Areas	0.00	0.00	0.00	0.00	0.00
A-3 Consult With Various Agencies, Ascertain Their Requirements	0.00	0.00	0.00	0.00	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	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	0.00	0.00
Task A Totals	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00
B-4 Prepare Information for and Attend Public Inv. Meeting / Analyze Comments (Assumes Volk)	0.00	0.00	0.00	0.00	0.00
B-5 Review Feasible Alternates & Prepare a Categorical Exclusion	2.00	1.00	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
	0.00	0.00	0.00	0.00	0.00
Task B Totals	2.00	1.00	0.00	0.00	0.00
Task C: Permitting					
C-1 Assist with ADEM NPDES permit and USACE Individual permit documentation (fees and mi	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	0.00	0.00	0.00	0.00
Task C Totals	0.00	0.00	0.00	0.00	0.00
TOTALS	2.00	1.00	0.00	0.00	0.00

Project No.	140015.AR
County	Baldwin
Description	SA#1 for Fern Avenue Resurfacing and Extension
Scope of Work	Construction Plans, ROW Mapping
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	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
Total Mileage Cost				\$ -
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				\$ -

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	\$ -
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Comments:

Project No. 140015.AR			
County Baldwin			
Description SA#1 for Fern Avenue Resurfacing and Extension			
Scope of Work Construction Plans, ROW Mapping			
Project Length 3.50 Miles			
Consultant Volkert, Inc.			
Fee Proposal (ROW Map, Tract Sketches & Deeds)			
PERSONNEL COST			
	Man-days x Daily Rate		
Project Manager (10% of Eng.)	0.20	\$ 516.00	\$ 103.20
Engineer	2.00	\$ 285.28	\$ 570.56
Engineering Technician/CADD	2.00	\$ 227.40	\$ 454.80
Clerical	0.00	\$ -	\$ -
Total Direct Labor			\$ 1,128.56
Combined Overhead (%)	159.08		\$ 1,795.31
Out-of-Pocket Expenses**			\$ -
Sub-Total			\$ 2,923.87
Operating Margin (15%)			\$ 438.58
Sub-Total			\$ 3,362.45
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
			\$ -
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ -
Sub-Total			\$ 3,362.45
Facilities Capital Cost of Money (% of Direct Labor)	0.49		\$ 5.53
TOTAL FEE			\$ 3,367.98

**See Grand Total Fee sheet

Project No. 140015.AR
County Baldwin
Description SA#1 for Fern Avenue Resurfacing and Extension
Scope of Work Construction Plans, ROW Mapping
Project Length 3.50 Miles

Consultant Volkert, Inc.

ROW Map, Tract Sketches and Deeds			
	Engineer	Tech/CADD	Clerical
Estimated number of takings= 9			
Task A: Right-of-Way Map	0.50	0.50	0.00
Task B: Tract Sketches	0.50	0.50	0.00
Task C: Deeds	1.00	1.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
TOTALS	2.00	2.00	0.00

Project No. 140015.AR
County Baldwin
Description SA#1 for Fern Avenue Resurfacing and Extension
Scope of Work Construction Plans, ROW Mapping
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	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
Total Mileage Cost				\$ -

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				\$ -

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 \$ -

Comments:

Project No. 140015.AR			
County Baldwin			
Description SA#1 for Fern Avenue Resurfacing and Extension			
Scope of Work Construction Plans, ROW Mapping			
Project Length 3.50 Miles			
Consultant Volkert, Inc.			
Fee Proposal (Roadway Plans)			
PERSONNEL COST			
	Man-days x Daily Rate		
Project Manager (10% of Eng.)	2.66	\$ 516.00	\$ 1,372.56
Engineer	26.56	\$ 285.28	\$ 7,577.04
Engineering Technician/CADD	25.61	\$ 227.40	\$ 5,823.71
Clerical	0.00	\$ -	\$ -
Total Direct Labor			\$ 14,773.31
Combined Overhead (%)	159.08		\$ 23,501.38
Out-of-Pocket Expenses**			\$ -
Sub-Total			\$ 38,274.69
Operating Margin (15%)			\$ 5,741.20
Sub-Total			\$ 44,015.89
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
			\$ -
			\$ -
Subconsultant Administration Expense (5%)			\$ -
Sub-Total			\$ 44,015.89
Facilities Capital Cost of Money (% of Direct Labor)	0.49		\$ 72.39
TOTAL FEE			\$ 44,088.28

**See Grand Total Fee sheet

Project Number 140015.AR		CPMS # _____			
County Baldwin					
Description SA#1 for Fern Avenue Resurfacing and Extension					
Scope of work Construction Plans, ROW Mapping					
Length 3.50 miles					
Consultant Volkert, Inc.					

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	0.10	0.10	0.10	0.10
GEOMETRIC LAYOUT/SURVEY CONTROL	4.00	0.25	1.00	0.25	1.00
PROJECT NOTE SHEET (Project)	1.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (TCP)	1.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Signage)	1.00	0.00	0.00	0.00	0.00
PROJECT NOTE SHEET (Signals)	1.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00
TYPICAL SECTIONS					
Main Roadway	6.00	0.25	1.50	0.25	1.50
Cross Roads	1.00	0.00	0.00	0.00	0.00
Details	2.00	0.25	0.50	0.25	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	0.25	0.50
SUMMARY BOX SHEETS					
Roadway Drainage (non-culvert)	0.25	0.25	0.06	0.25	0.06
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	1.00	0.25	0.25	0.25	0.25
Slope Paving (Under Bridges)	0.00	0.00	0.00	0.00	0.00
Side Drain Pipe	1.00	0.25	0.25	0.25	0.25
Signing	1.00	0.25	0.25	0.25	0.25
Base & Pavement	1.00	0.00	0.00	0.00	0.00
Bridge	0.00	0.00	0.00	0.00	0.00
Striping & Pavement Markings	1.00	0.25	0.25	0.25	0.25
Curb & Gutter	1.00	0.00	0.00	0.00	0.00
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	0.25	0.25	0.25	0.25
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	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00

ROADWAY PLANS SHEET TITLE	NO OF SHEETS	ESTIMATED MAN-DAYS			
		ENGINEER		TECHNICIAN	
		SHEET	TOTAL	SHEET	TOTAL
Erosion Control	1.00	0.50	0.50	0.50	0.50
Removal Items	1.00	0.00	0.00	0.00	0.00
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	5.00	0.50	2.50	0.50	2.50
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	5.00	0.50	2.50	0.50	2.50
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	0.15	0.15	0.50	0.50
Summary & Items	1.00	0.15	0.15	0.50	0.50
Typical Section Sketches	1.00	0.00	0.00	0.00	0.00
Layout Sheets (signs, devices, shifts, etc.)	3.00	0.50	1.50	0.50	1.50
Special Drawings	1.00	0.00	0.00	0.00	0.00
	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	1.00	0.50	0.50	0.25	0.25
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	0.25	0.50	0.25	0.50
Traffic Counts (1 per site)	2.00	0.00	0.00	0.00	0.00
Signal Warrant Analysis (1 per site)	2.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00
Plotting new and relocated utility locations on P	7.00	0.00	0.00	0.00	0.00
DRAINAGE SECTIONS					
Pipe & Culvert X-Sect./Hydraulic Computations	5.00	0.25	1.25	0.25	1.25
Hydraulic Calculations for Roadway	1.00	2.00	2.00	1.50	1.50
Details	7.00	0.25	1.75	0.25	1.75
Drainage basin analysis	0.00	0.00	0.00	0.00	0.00
SOIL SHEETS					
Soil Boring Logs	1.00	0.00	0.00	0.00	0.00
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	0.10	0.10	0.10	0.10
Phased Sheets (Phase I)	7.00	0.15	1.05	0.15	1.05
Phased Sheets (Phase II)	7.00	0.15	1.05	0.15	1.05
Phased Sheets (Phase III)	7.00	0.15	1.05	0.15	1.05
CBMPP & NOI	1.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00
ROADWAY CROSS SECTIONS					
Main Roadway	15.00	0.10	1.50	0.15	2.25
Crossroads	0.00	0.00	0.00	0.00	0.00
Earthwork Balancing	1.00	0.25	0.25	0.25	0.25
	0.00	0.00	0.00	0.00	0.00
REVIEW COMMENTS					
30% Review			0.00		0.00
Plan-in-Hand Inspection			0.00		0.00
PS&E Inspection			0.00		0.00
Supplemental PS&E Review			2.00		
Cost Estimates					
Design Hearing			1.00		1.00
			0.00		0.00
SUB-TOTAL	128.25		26.56		25.61
10% Supervision			2.66		
TOTALS					
	128.25		26.56		25.61

Project No.	140015.AR
County	Baldwin
Description	SA#1 for Fern Avenue Resurfacing and Extension
Scope of Work	Construction Plans, ROW Mapping
Project Length	3.50 Miles
Consultant Volkert, Inc.	
Out-of-pocket Expenses (Roadway Plans)	

TRAVEL COST

Mileage Cost	Trips	Miles/Trip	\$/Mile	Total
Field Reviews	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
	0	0	\$0.565	\$ -
Total Mileage Cost				\$ -
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				\$ -

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	\$ -
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Comments: