

**AMENDMENT NUMBER 1 TO THE AGREEMENT FOR  
DESIGN SERVICES FOR THE PAGES DAIRY/CHESTER ROAD INTERSECTION  
IMPROVEMENT PROJECT, NASSAU COUNTY FLORIDA**

THIS AMENDMENT entered into this 28<sup>th</sup> day of August, 2017 by and between the **BOARD OF COUNTY COMMISSIONERS OF NASSAU COUNTY, FLORIDA**, a political subdivision of the State of Florida, (hereinafter referred to as “County”) and **CONNELLY & WICKER, INC.**, located at 10060 Skinner Lake Drive, Suite 500, Jacksonville, FL 32246, (hereinafter referred to as “Consultant”).

**WHEREAS**, the parties entered into an Agreement dated November 21, 2016 for design services for the Pages Dairy/Chester Road Intersection Improvements Projects; and

**WHEREAS**, Article 12.2 of the agreement provides that this agreement may only be amended, supplemented, modified, changed or canceled by a duly executed written instrument; and

**WHEREAS**, the parties desire to amend the scope of service and fee proposal for the agreement.

**NOW, THEREFORE, FOR AND IN CONSIDERATION** of the mutual covenants and agreements herein contained, the parties hereto agree as follows:

1. Scope of Services for Design Services for Pages Dairy/Chester Road Intersection Improvements, Attachment A, shall be amended to include the following additional services:

**Chester Road Resurfacing Project**

Additional scope for the Chester Road Resurfacing Project includes:

- Additional resurfacing of 2000’ from Roses Bluff Road north to Blackrock Road.

Sub-consultant tasks include:

- Surveying
- Geotechnical

### **Chester Road at Pages Dairy Road Intersection Improvements**

The revised scope for the Chester Road at Pages Dairy Road Intersection

Improvements includes:

- Total of 3000' change from Rural Roadway to Urban Roadway on Chester Road
- Widening for 4' bike lanes and 5' keyhole lanes
- 6' sidewalk on both sides of Chester Road
- New roadway profile
- New drainage system
- Pond Design
- Permitting
- Wetland impacts
- Utilities
- Additional Survey
- Additional Corings/Borings

Sub-consultant tasks includes:

- Surveying
- Geotechnical
- Wetlands
- Permitting
- Signals

### **Pages Dairy Road Widening Project**

Additional Scope for Pages Dairy Road includes:

- Widening an additional 500' to the west of Felmor Road
- Add a right turn lane from Pages Dairy Road onto Felmor Road
- Add a right turn lane from Felmor Road onto Pages Dairy Road
- Add a left turn lane from Pages Dairy Road to Felmor Road

Sub-consultant tasks include:

- Surveying
- Geotechnical
- Wetlands

2. Fee Schedule, Attachment “B” shall be amended as follows:

Description	Original Contract Amount	Additional Services Amount	Amended Contract Amount
Chester Road Resurfacing Project	\$146,145.95	\$42,062.38	\$188,208.33
Chester Road at Pages Dairy Intersection	\$171,382.62	\$263,455.54	\$434,838.16
Pages Dairy Road Widening	\$371,078.83	\$61,961.07	\$433039.90
Total(s)	\$688,607.40	\$367,478.99	\$1,056,086.39

3. Documents to support the additional scope and fee are attached hereto as Exhibit 1.
4. All other terms and conditions contained of the agreement shall remain in full force and effect.

[Signatures on next page]

**BOARD OF COUNTY COMMISSIONERS  
NASSAU COUNTY, FLORIDA**

*[Signature]*  
DANIEL B. LEEPER  
Its: Chair

Attest as to authenticity of  
Chairman's Signature:

*[Signature]*  
JOHN A. CRAWFORD  
Ex-Officio Clerk

MES  
09.21.17

Approved as to form and legality by the  
Nassau County Attorney:

*[Signature]*  
MICHAEL MULLIN  
County Attorney

**CONNELLY & WICKER, INC.**

*[Signature]*  
By: RICHARD C. WELCH  
Its: PRESIDENT

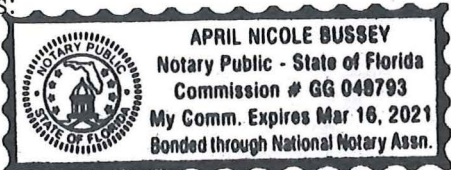
STATE OF Florida  
COUNTY OF Duval

Before me personally appeared, Richard C. Welch, who is personally known  or produced \_\_\_\_\_ as identification, known to be the person described in and who executed the foregoing instrument, and acknowledged to and before me that he/she executed said instrument for the purposes therein expressed.

WITNESS my hand and official seal, this 29<sup>th</sup> day of August, 2017.

*[Signature]*  
Notary Signature

Notary-Public-State of Florida at large  
My Commission expires:



**Fee Proposal**  
**Department of Public Works**  
**Nassau County, Florida**

	Original Contract Amount	Amended Contract Amount
<b>1. Chester Road Resurfacing Project</b>		
Connelly and Wicker	\$69,417.50	\$78,950.37
DRMP	\$56,799.77	\$82,804.52
Universal Engineering	\$14,928.68	\$21,453.44
Post Design Services (L.A.)	\$5,000.00	\$5,000.00
Subtotal	\$146,145.95	\$188,208.33
<b>2. Chester Road at Pages Dairy Intersection</b>		
Connelly and Wicker	\$85,177.54	\$297,416.28
DRMP	\$28,557.00	\$49,813.10
Peters and Yaffee	\$36,352.34	\$36,352.34
Universal Engineering	\$8,795.74	\$12,056.44
Environmental Services	\$2,500.00	\$19,200.00
Post Design Services (L.A.)	\$10,000.00	\$10,000.00
Subtotal	\$171,382.62	\$434,838.16
<b>3. Pages Dairy Road Widening</b>		
Connelly and Wicker	\$149,141.12	\$171,261.93
DRMP	\$185,580.37	\$203,831.57
Universal Engineering	\$23,357.34	\$25,846.40
Environmental Services	\$3,000.00	\$22,100.00
Post Design Services (L.A.)	\$10,000.00	\$10,000.00
Subtotal	\$371,078.83	\$433,039.90
<b>Total</b>	<b><u>\$688,607.40</u></b>	<b><u>\$1,056,086.39</u></b>

**Supplemental Fee #1**  
**Chester Road Resurfacing Project**

Additional scope for the Chester Road Resurfacing Project includes:

- Additional resurfacing of 2000' from Roses Bluff Road north to Blackrock Road.

Sub consultant tasks include:

- Surveying
- Geotechnical

## New/Replacement Fee Proposal

### Chester Road at Pages Dairy Road Intersection Improvements

The revised scope for the Chester Road at Pages Dairy Road Intersection Improvements includes:

- Total of 3000' change from Rural Roadway to Urban Roadway on Chester Road
- Widening for 4' bike lanes and 5' keyhole lanes
- 6' sidewalk on both sides of Chester Road
- Add right turn lane from Chester Road onto Pages Dairy Road
- New roadway profile
- New drainage system
- Pond Design
- Permitting
- Wetland impacts
- Utilities
- Additional Survey
- Additional Corings/Borings

Sub consultant tasks includes:

- Surveying
- Geotechnical
- Wetlands
- Permitting
- Signals

## Supplemental Fee #1

### Pages Dairy Road Widening Project

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**Chester/Page's Dairy  
Intersection Improvements**

**Original Design Budget**

**Construction Items**

Horizontal Roadway Construction	\$	1,500,000
Signalization	\$	400,000
Railroad Improvements	\$	500,000
Resurface/Rehab HIP-Microsurfaced Portion	\$	650,000
Overlay-Microsurfaced Portion-Blackrock		\$240,000
Construction Subtotal		\$ 3,290,000

**Professional Services**

C&W-Nov 14, 2016 Design (21%)		\$688,607
CEI (10%)		\$329,000
Professional Services Sub Total		1,017,607
<u>Construction &amp; Professional Services Sub Total</u>		<u>4,307,607</u>
Contingency (9.8%)		\$422,146
<u>Total Project Budget</u>		<u>\$4,729,753</u>
<b>Rounded Project Total</b>	<b>\$</b>	<b>4,730,000.00</b>

HIP=Heron Isles Parkway

**Revised Budget August 28, 2017**

**Construction Items**

Reserve for Future Construction		\$2,408,000
HIP=Heron Isles Parkway Resurface/Rehab Heron Isles to Blackrock		\$882,000
Construction Subtotal		\$3,290,000

**Professional Services**

C&W-Nov 14, 2016 Design (21%)		\$994,126
CEI (10%)		\$329,000
Professional Services Sub Total		\$1,323,126
<u>Construction &amp; Professional Services Sub Total</u>		<u>4,613,126</u>
Contingency		\$116,873
<u>Total Project Budget</u>		<u>\$4,729,999</u>
<b>Rounded Project Total</b>	<b>\$</b>	<b>4,730,000.00</b>

**Fee Proposal**  
**Department of Public Works**  
**Nassau County, Florida**

	Original Contract Amount	Amended Contract Amount
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Sub consultant tasks include:

- Surveying
- Geotechnical

**Chester Road from Heron Isles Parkway to Roses Bluff Road - Nassau County  
Florida**

**COST ESTIMATE**

<i>ITEM</i>	<i>DESCRIPTION</i>	<i>UNIT</i>	<i>QUANTITY</i>	<i>UNIT COST</i>	<i>TOTAL</i>
1	MOBILIZATION	LS	1.0	\$58,779.00	\$58,779.00
2	MAINTENANCE OF TRAFFIC	LS	1.0	\$58,779.00	\$58,779.00
3	MILLING EXIST ASPH PAVT (2" AVG DEPTH)	SY	36,000.0	\$2.50	\$90,000.00
4	SUPERPAVE ASPHALTIC CONC (TRAFFIC C)(PG 82-22)	TN	2,475.0	\$100.00	\$247,500.00
5	ASPHALT CONC FRICTION COURSE, INC BIT FC-5, (PG 88-22)	TN	1,440.0	\$150.00	\$216,000.00
6	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	NM	5.080	\$4,600.00	\$22,860.00
7	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	NM	2.540	\$4,600.00	\$11,430.00
<b>SUB TOTAL</b>					<b>\$705,348.00</b>
	CONTINGENCY (26%)	LS	1.0	\$176,337.00	\$176,337.00
<b>TOTAL ESTIMATED COST</b>					<b>\$881,685.00</b>

**Supplement No. 1**  
**CONTRACT FEE SUMMARY FORMAT FOR DEPT. OF PUBLIC WORKS**  
**NASSAU COUNTY, FLORIDA**

PART I - GENERAL				
1. Project Chester Road Resurfacing			2. Contract Number Bid No. NC16-020	
3. Name of Consultant Connelly & Wicker Inc.			4. Date of Proposal 05/04/17	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer	\$223.83	9	\$ 2,014.47	
Project Manager/EOR	\$116.49	9	\$ 1,048.41	
Engineer	\$109.24	32	\$ 3,495.68	
Sr. Designer	\$74.59	23	\$ 1,715.57	
Designer	\$64.38	9	\$ 579.42	
Sr. Technician	\$75.48	9	\$ 679.32	
<b>TOTAL</b>	<b>\$104.76</b>	<b>91</b>		<b>\$9,532.87</b>
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate			Total Direct Labor	-
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				
				-
8. PROFIT: Labor Related Costs (Item 7)				
				-
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation			\$ 0.00	
Permit Fee			\$ 0.00	
Reproduction			\$ 0.00	
Shipping & Mail			\$ 0.00	
<b>MISCELLANEOUS DIRECT COSTS SUB-TOTAL</b>				<b>\$0.00</b>
10. Sub Consultants				
DRMP, Inc.			\$ 26,004.75	See Attachment
			\$ 0.00	See Attachment
Universal Engineering Sciences			\$ 6,524.76	See Attachment
			\$ 0.00	See Attachment
<b>SUB-CONSULTANT SUB-TOTAL</b>				<b>\$32,529.51</b>
<b>TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)</b>				<b>\$42,062.38</b>
11. REIMBURSABLE COSTS (Limiting Amount)				
Post Design Services			\$ 0.00	
<b>SUB-TOTAL REIMBURSABLES</b>				<b>\$0.00</b>
PART IV - SUMMARY				
<b>TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)</b> (Items 5 and 10)				<b>\$42,062.38</b>

ESTIMATE OF WORK EFFORT AND FEE FOR  
CONSTRUCTION PLANS

CONSULTANT: Connelly & Wicker Inc.				NAME OF PROJECT: Chester Road Resurfacing						
Contract Number: Bid No. NC16-020				BETWEEN:						
Prepared: August 31, 2016				AND:						
Estimator's Name: Lanier				LENGTH:						
No. / ACTIVITY	Chief Engineer RATE = \$223.83		Project Manager/EOR RATE = \$116.49		Engineer RATE = \$109.24		Sr. Designer RATE = \$74.59		Designer RATE = \$64.38	
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST
113 Plan Prep.	8	\$1,790.64	8	\$931.92	28	\$3,058.72	20	\$1,491.80	8	\$515.04
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
114 Permitting	1	\$223.83	1	\$116.49	4	\$436.96	3	\$223.77	1	\$64.38
115 Post Design Services	5	\$1,119.15	8	\$931.92	8	\$873.92	9	\$676.41	10	\$643.80
<b>TOTAL</b>	<b>14</b>	<b>\$3,133.62</b>	<b>17</b>	<b>\$1,980.33</b>	<b>40</b>	<b>\$4,369.60</b>	<b>32.0684</b>	<b>\$2,391.98</b>	<b>19</b>	<b>\$1,223.22</b>

No. / ACTIVITY	Sr. Technician RATE = \$75.48		0 RATE = \$0.00		MAN HOURS	SALARY	AVG.	SALARY
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	BY ACTIVITY	COST BY ACTIVITY	HOURLY COST	DIST. %
113 Plan Prep.	8	\$603.84	0	\$0.00	80	\$8,391.96	\$104.90	57.7
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	\$0.00	0.0
114 Permitting	1	\$75.48	0	\$0.00	10	\$1,140.91	\$114.09	7.9
115 Post Design Services	10	\$754.80	0	\$0.00	0	\$5,000.00	#DIV/0!	34.4
<b>TOTAL</b>	<b>19</b>	<b>\$1,434.12</b>	<b>0</b>	<b>\$0.00</b>	<b>90</b>	<b>\$14,532.87</b>	<b>\$161.48</b>	<b>100.0</b>

MISCELLANEOUS DIRECT COST

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT:  
 BETWEEN: 0  
 AND: 0

ITEM DESCRIPTION					ITEM TOTAL	COMMENTS
Drafting Medium: (Original Reproducibles)						
4 Sheets @ \$ - Per Sheet =					\$0.00	
Reproduction (Blue Line & Sepias)	<u>Blue Line</u>	<u>(11x17)</u>	<u>Photocopy</u>			
				Sheets		
				Sheets		
60%	0	0	0	Sheets	5 Sets	
90%	0	0	0	Sheets	5 Sets	
100%	0	0	0	Sheets	5 Sets	
Bid Submittal	0	0	0	Sheets	30 sets Bid Docs	
Total Sheets	0	0	0			
Cost:	Blue Line	0 Sheets @	\$1.25 =		\$0.00	
(11 x 17)	Photocopy	0 Sheets @	\$0.19 =		\$0.00	
(8.5 x 11)	Photocopy	0 Sheets @	\$0.13 =		\$0.00	
Travel From: [Consultant Office Location]						
To Project:	# Trips					
Transport.	0 x	0 miles x	\$0.500 per mile*		\$0.00	
To County Offices:	# Trips					
Transport.	0 x	0 miles x	\$0.500 per mile*		\$0.00	
To Other Locations:	# Trips					
Transport.	0 x	0 miles x	\$0.500 per mile*		\$0.00	Utility Coordination
					\$0.00	
Other (Community Meeting Displays):					\$0.00	
Permit Application Fees					\$0.00	
Shipping Est. 6 deliveries at \$25.00 each					\$0.00	
Regular Mail					\$0.00	
Registered Mail 0 Mailings @ \$5.00 each					\$0.00	
<b>TOTAL COST</b>					<b>\$0.00</b>	

SUMMARY OF MANHOOR REQUIREMENTS

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT:  
 BETWEEN: 0  
 AND: 0

ITEM	NO. OF SHEETS	TOTAL MANHOURS	COMMENTS
113 Plan Prep.	4	80.0	
109 Drainage Design	0	0.0	
114 Permitting	0	10.0	
115 Construction Administraion	0	0.0	
Field Review			Included in Above Items
Plans Checking			Included in Above Items
<b>TOTAL</b>	<b>4</b>	<b>90.0</b>	20.0 Hours/Sheet (Excluding Permitting)

SUPPLEMENTAL DESIGN SURVEY PARTIES			
	SIZE OF PARTY	PARTY DAYS	
	3-Man	0.000	
	4-Man		
<b>TOTAL NUMBER OF PARTY DAYS</b>			



PLANS PREPARATION

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT:  
 BETWEEN:  
 AND:

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
113 Plan Prep.	1"=						
Key Map & Index of Dwgs		Sheet	0	0	6.00	0.00	
Typical Sections		Sheet	0	0	12.00	0.00	
Summary of Quantities		Sheet	0	0	0.00	0.00	
Plan & Profile (Design)	40	Sheet	4	4	20.00	80.00	
Curb Return Profiles		Sheet	0	0	0.00	0.00	
Construction Details		Sheet	0	0	0.00	0.00	
General Notes		Sheet	0	0	8.00	0.00	
Geotechnical Plans		Sheet	0	0	0.00	0.00	Soil Boring Sheet and Core Boring Sheet - Universa
Drainage Cross Sections		Sheet	0	0	0.00	0.00	
Cross Sections		Sheet	0	0	0.00	0.00	
Stormwater Pollut. Prevent. Plans		Sheet	0	0	0.00	0.00	
M.O.T. - Notes		Sheet	0	0	6.00	0.00	
M.O.T. - Plans (incl. Typ. Sections)		Sheet	0	0	12.00	0.00	
Signing and Marking Plans		Sheet	0	0	24.00	0.00	Typical Section
Signalization Plans		Sheet	0	0	0.00	0.00	
Tree Mitigation Plans		Sheet	0	0	0.00	0.00	
Quantity Take-Off		L.S.	0	0	32.00	0.00	
Review Comments		L.S.	0	0	8.00	0.00	
Cost Estimates		Each	0	0	6.00	0.00	
Pavement Design		L.S.	0	0	12.00	0.00	
Bid Specifications		L.S.	0	0	48.00	0.00	2 Submittals
Meetings w/ Project Manager		Each	0	0	5.00	0.00	NTP; Review Comments; Progress
Community Meeting		Each	0	0	0.00	0.00	
Meetings w/ Subconsultants		L.S.	0	0	5.00	0.00	Universal
Field Review (Plans in hand)		Each	0	0	4.00	0.00	2 people
Utility & Railroad		Sheet		0		0.00	From Sheet 6
Drainage		Sheet		0		0.00	From Sheet 6
<b>ROADWAY PLANS TOTALS</b>				4		80.00	Includes Sheet and Manhours for Sheets 6 & 7

PLANS PREPARATION

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT:  
 BETWEEN:  
 AND: 0

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
113 Utility & Railroad	1"=						
Utility Adjustment Plans	20' & 40'	Sheet	0	0	0.00	0.00	
Water Main		Sheet	0	0	0.00	0.00	
Water & Sewer Design Services		L.S.	0	0	0.00	0.00	
Street Lighting Plans		Sheet	0	0	0.00	0.00	
Coord. w/ Utilities		L.S.	0	0	12.00	0.00	
Railroad Plan Sheet		Sheet	0	0	0.00	0.00	
Railroad Drainage Struct.		Section	0	0	0.00	0.00	
Railroad Hearings		Each	0	0	0.00	0.00	
UTILITIES & RAILROADS TOTALS				0		0.00	Include These Totals in Roadway Plans Preparation on Sheet 6

109 Plan Prep.	1"=						
Drainage Map		Sheet	0	0	0.00	0.00	
Additional Drainage Maps		Sheet	0	0	0.00	0.00	
Attend meeting		Each	0	0	0.00	0.00	
Drainage Design - Urban		L.S.	0	0	0.00	0.00	
Drainage Design - Rural		L.S.	0	0	0.00	0.00	
Drainage Design - Outfall		L.S.	0	0	0.00	0.00	
Drainage Design - Roundabouts		Sheet	0	0	0.00	0.00	
Drainage Struct. - Rural		Sheet	0	0	0.00	0.00	
Drainage Struct. - Urban		Sheet	0	0	0.00	0.00	
Summary - Drainage Struct		Sheet	0	0	0.00	0.00	
Ret/Det Basins		Sheet	0	0	0.00	0.00	
SJRWMD Pond Design		L.S.	0	0	0.00	0.00	
Collect MSMP info		L.S.	0	0	0.00	0.00	
Conceptual Drainage Study		L.S.	0	0	0.00	0.00	
DRAINAGE TOTALS				0		0.00	

CONSTRUCTION ADMINISTRATION

CONSULTANT: Connelly & Wicker Inc.

NAME OF PROJECT:

Contract Number: Bid No. NC16-020

BETWEEN:

Prepared: August 31, 2016

AND:

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
115 Post Design	1"=						
Pre-Bid Meeting		Mtg	1		0.00	0.00	
Prepare Bid Analysis Memo		Each	1		0.00	0.00	
Pre-construction Meeting		Mtg	1		0.00	0.00	
Shop Drawings review		Submittal	1		0.00	0.00	
Answer RFI's		LS	1		0.00	0.00	
Progress meetings		Each	1		0.00	0.00	
Review & approve pay request		Each	1		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	
					0.00	0.00	
					0.00	0.00	
					0.00	0.00	
					0.00	0.00	
					0.00	0.00	
					0.00	0.00	
CONSTRUCTION ADMIN TOTALS						0.00	

PERMITTING AND ENVIRONMENTAL

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT:  
 BETWEEN: 0  
 AND: 0

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
114 Permitting/Environmental	1"=						
Permit Investigation		LS	1	0	10.00	10.00	
Integration of Park Plans		LS	0	0	0.00	0.00	
Integration of Park Envir. Data		LS	0	0	0.00	0.00	
SJRWMD		Each	0	0	32.00	0.00	
Corps of Engineers		LS	0	0	12.00	0.00	
Fla. Dept. of Transportation		LS	0	0	0.00	0.00	
City of Jacksonville MOT approval		LS	0	0	0.00	0.00	
NPDES		LS	0	0	0.00	0.00	
Permit Acquisition Assessment		Study	0	0	0.00	0.00	
SJRWMD water quality study		Project	0	0	0.00	0.00	
Wetland Impact Assess. Coord.		LS	0	0	0.00	0.00	
Tree Avoidance & Protection Ahs.		Study	0	0	0.00	0.00	
Coord. W/ Arborist & Surveyor		Study	0	0	0.00	0.00	
PERMITTING AND ENVIRONMENTAL TOTALS			1	0		10.00	

**SUPPLEMENTAL DESIGN SURVEYS**

Surveyor:  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016  
**SURVEY PARTY DAY RATES:**

NAME OF PROJECT:  
 BETWEEN:  
 AND:  
 CREW RATE =

ITEM	3-MAN DAYS	4-MAN DAYS	3-MAN COST	4-MAN COST	TOTAL COST	COMMENTS
Design Survey						
Baseline Control	0.000				0.00	
Alignment	0.000				0.00	
Target Placement	0.000				0.00	
Reference Points	0.000				0.00	
Section Line Ties	0.000				0.00	
Property / Subdivision Ties	0.000				0.00	
Side Street Intersections	0.000				0.00	
Topography	0.000				0.00	
Bench Levels	0.000				0.00	
Roadway Cross-Sections	0.000				0.00	
Underground Utilities	0.000				0.00	
Bridge Data Survey	0.000				0.00	
Stake-Out for Borings	0.000				0.00	
Drainage Survey	0.000				0.00	
Tree Survey	0.000				0.00	
<b>SURVEY PARTY DAY TOTALS</b>	<b>0.000</b>	<b>0</b>	<b>-</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>OFFICE SUPPORT</b>	<b>UNIT</b>	<b>NO. OF UNITS</b>	<b>COST/ UNIT</b>	<b>COST/ ITEM</b>	<b>TOTAL COST</b>	
Surveyor	Hour	0		0		
Technician	Hour	0		0		
<b>TOTAL</b>					<b>\$0.00</b>	
<b>ITEM</b>	<b>SCALE</b>	<b>UNIT</b>	<b>NO. OF UNITS</b>	<b>M/H PER UNIT</b>	<b>TOTAL MANHOURS</b>	<b>TOTAL COST</b>
<b>RIGHTS-OF-WAY</b>	<b>1"=</b>					
Right-of-Way Map Updates		Sheet	N/A		0	\$0.00
Legal Description Updates		Each	N/A		0	\$0.00
<b>RIGHTS-OF-WAY TOTALS</b>					<b>0</b>	<b>\$0.00</b>
<b>TOTAL SURVEYS, PHOTOGRAPHY &amp; RIGHTS-OF-WAY</b>					<b>Prepared : 09/21/01</b>	<b>\$0.00</b>

UNIVERSAL ENGINEERING SCIENCES

WORK AUTHORIZATION / PROPOSAL ACCEPTANCE FORM

Universal Engineering Sciences, Inc. (UES) is pleased to provide the services described below. The purpose of this document is to describe the terms under which the services will be provided and to obtain authorization.

PROJECT NAME: Chester Road Resurfacing Additional Services
PROJECT LOCATION: Nassau County, Florida
CLIENT NAME: Mr. Will Lanier, P.E. DATE: May 4, 2017
CLIENT ADDRESS: 10060 Skinner Lake Drive - Suite 500 PHONE NO.: 904/265-3030
Jacksonville, Florida 32246 EMAIL: wlanier@ewieng.com

I. Scope of Services and Understanding of Project
Mobilization of crew and coring equipment. Perform 10 additional pavement cores and five auger borings to depths of 5 feet. Patch coreholes upon completion. Includes appropriate MOT procedures. Include results in a report in accordance with previously authorized services.
UES Proposal No. 1449015
estimated fee - \$6,524.76

- II. Contract Documents. The following documents form part of this Agreement and are incorporated herein by referral:
A. UES General Conditions
B. UES Proposal Dated: May 4, 2017
C. Plans, reports, specifications and other documents provided by the Client prior to this Agreement date.
D. Other exhibits marked and described as follows:

In the event of any inconsistency or conflict among the Contract Documents, the provision in the Contract Document first listed above shall govern.

III. Authority to proceed and for payment. (To be completed by Client)

If the above invoice is to be mailed for approval to someone other than the account charged, please indicate where below:

Firm: Social Security No. or Federal Identification No.:
Address:
Attention: Title:

IN WITNESS WHEREOF, the parties have caused this agreement to be executed by their duly authorized representatives

CLIENT BY (Signature) PRINTED NAME TITLE DATE
UNIVERSAL ENGINEERING SCIENCES, INC. BY (Signature) PRINTED NAME Stephen R. Weaver, P.E. TITLE Geotechnical Services Manager DATE May 4, 2017

RETURN EXECUTED COPIES TO
UNIVERSAL ENGINEERING SCIENCES, INC.
5561 FLORIDA MINING BOULEVARD SOUTH, JACKSONVILLE, FLORIDA 32257-3648
TELEPHONE: 904.296.0757 / FAX: 904.296.0748



**FEE SCHEDULE**

**Geotechnical Exploration  
Chester Road Resurfacing Additional Services**

Nassau County, Florida  
UES Proposal No.  
05/04/17

Task	Quantity	Units	Fee Per Unit	Estimated Fee
<b>GEOTECHNICAL PROFESSIONAL SERVICES</b>				
Senior Engineer	3	hour(s)	\$121.64	\$364.92
Project Engineer	6	hour(s)	\$111.77	\$670.62
Engineering Intern	8	hour(s)	\$72.71	\$581.68
Technical Secretary	1	hour(s)	\$40.00	\$40.00
Drafting	2	hour(s)	\$61.42	\$122.84
Senior Engineering Technician - Utility Locates	2	hour(s)	\$66.64	\$133.28
Subtotal:				<b>\$1,913.34</b>
<b>GEOTECHNICAL DRILLING SERVICES</b>				
Mobilization Crew and Equipment	0	each	\$400.00	\$0.00
Mobilization - Portable Equipment	0	each	\$800.00	\$0.00
Mobilization - Core Rig	1	each	\$110.00	\$110.00
Police/vehicle (2 persons @ 8 hours)	16	hours	\$60.00	\$960.00
Truck Mounted Attenuator	8	hours	\$250.00	\$2,000.00
Coring Equipment	1	day	\$100.00	\$100.00
SPT Borings - Truck 0-50	0	feet	\$11.00	\$0.00
SPT Borings - Portable Equipment 50-75	0	feet	\$18.00	\$0.00
Static Cone Penetrometer	0	feet	\$14.00	\$0.00
Auger Borings (5 @ 5 ft)	25	feet	\$9.50	\$237.50
Grout	0	feet	\$5.00	\$0.00
Senior Engineering Technician (Base Thickness)	3	hours	\$66.64	\$199.92
Obtain 6-inch Shelby Tube	0	each	\$25.00	\$0.00
Double Ring / Field Cased Perm	0	each	\$450.00	\$0.00
Asphalt Cores	10	each	\$60.00	\$600.00
Subtotal:				<b>\$4,207.42</b>
<b>GEOTECHNICAL LABORATORY TESTING</b>				
Particle Size Analysis	3	each	\$70.00	\$210.00
Organic Content	2	each	\$35.00	\$70.00
Moisture Content	3	each	\$8.00	\$24.00
Atterberg Limits	1	each	\$100.00	\$100.00
Corrosion Testing	0	each	\$125.00	\$0.00
Subtotal:				<b>\$404.00</b>
<b>TOTAL:</b>				<b>\$6,524.76</b>

*Universal Engineering Sciences, Inc.*  
**GENERAL CONDITIONS**

**SECTION 1: RESPONSIBILITIES**

- 1.1 *Universal Engineering Sciences, Inc.*, ("UES"), has the responsibility for providing the services described under the Scope of Services section. The work is to be performed according to accepted standards of care and is to be completed in a timely manner. The term "UES" as used herein includes all of *Universal Engineering Sciences, Inc.*'s agents, employees, professional staff, and subcontractors.
- 1.2 The Client or a duly authorized representative is responsible for providing UES with a clear understanding of the project nature and scope. The Client shall supply UES with sufficient and adequate information, including, but not limited to, maps, site plans, reports, surveys and designs, to allow UES to properly complete the specified services. The Client shall also communicate changes in the nature and scope of the project as soon as possible during performance of the work so that the changes can be incorporated into the work product.
- 1.3 The Client acknowledges that UES's responsibilities in providing the services described under the Scope of Services section is limited to those services described therein, and the Client hereby assumes any collateral or affiliated duties necessitated by or for those services. Such duties may include, but are not limited to, reporting requirements imposed by any third party such as federal, state, or local entities, the provision of any required notices to any third party, or the securing of necessary permits or permissions from any third parties required for UES's provision of the services so described, unless otherwise agreed upon by both parties.
- 1.4 *Universal* will not be responsible for scheduling our services and will not be responsible for tests or inspections that are not performed due to a failure to schedule our services on the project or any resulting damages.
- 1.5 **PURSUANT TO FLORIDA STATUTES §558.0035, ANY INDIVIDUAL EMPLOYEE OR AGENT OF UES MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.**

**SECTION 2: STANDARD OF CARE**

- 2.1 Services performed by UES under this Agreement will be conducted in a manner consistent with the level of care and skill ordinarily exercised by members of UES's profession practicing contemporaneously under similar conditions in the locality of the project. No other warranty, express or implied, is made.
- 2.2 The Client recognizes that subsurface conditions may vary from those observed at locations where borings, surveys, or other explorations are made, and that site conditions may change with time. Data, interpretations, and recommendations by UES will be based solely on information available to UES at the time of service. UES is responsible for those data, interpretations, and recommendations, but will not be responsible for other parties' interpretations or use of the information developed.
- 2.3 Execution of this document by UES is not a representation that UES has visited the site, become generally familiar with local conditions under which the services are to be performed, or correlated personal observations with the requirements of the Scope of Services. It is the Client's responsibility to provide UES with all information necessary for UES to provide the services described under the Scope of Services, and the Client assumes all liability for information not provided to UES that may affect the quality or sufficiency of the services so described.
- 2.4 Should UES be retained to provide threshold inspection services under Florida Statutes §553.79, Client acknowledges that UES's services thereunder do not constitute a guarantee that the construction in question has been properly designed or constructed, and UES's services do not replace any of the obligations or liabilities associated with any architect, contractor, or structural engineer. Therefore it is explicitly agreed that the Client will not hold UES responsible for the proper performance of service by any architect, contractor, structural engineer or any other entity associated with the project.

**SECTION 3: SITE ACCESS AND SITE CONDITIONS**

- 3.1 Client will grant or obtain free access to the site for all equipment and personnel necessary for UES to perform the work set forth in this Agreement. The Client will notify any and all possessors of the project site that Client has granted UES free access to the site. UES will take reasonable precautions to minimize damage to the site, but it is understood by Client that, in the normal course of work, some damage may occur, and the correction of such damage is not part of this Agreement unless so specified in the Proposal.
- 3.2 The Client is responsible for the accuracy of locations for all subterranean structures and utilities. UES will take reasonable precautions to avoid known subterranean structures, and the Client waives any claim against UES, and agrees to defend, indemnify, and hold UES harmless from any claim or liability for injury or loss, including costs of defense, arising from damage done to subterranean structures and utilities not identified or accurately located. In addition, Client agrees to compensate UES for any time spent or expenses incurred by UES in defense of any such claim with compensation to be based upon UES's prevailing fee schedule and expense reimbursement policy.

**SECTION 4: SAMPLE OWNERSHIP AND DISPOSAL**

- 4.1 Soil or water samples obtained from the project during performance of the work shall remain the property of the Client.
- 4.2 UES will dispose of or return to Client all remaining soils and rock samples 60 days after submission of report covering those samples. Further storage or transfer of samples can be made at Client's expense upon Client's prior written request.
- 4.3 Samples which are contaminated by petroleum products or other chemical waste will be returned to Client for treatment or disposal, consistent with all appropriate federal, state, or local regulations.

**SECTION 5: BILLING AND PAYMENT**

- 5.1 UES will submit invoices to Client monthly or upon completion of services. Invoices will show charges for different personnel and expense classifications.
- 5.2 Payment is due 30 days after presentation of invoice and is past due 31 days from invoice date. Client agrees to pay a finance charge of one and one-half percent (1 ½ %) per month, or the maximum rate allowed by law, on past due accounts.
- 5.3 If UES incurs any expenses to collect overdue billings on invoices, the sums paid by UES for reasonable attorneys' fees, court costs, UES's time, UES's expenses, and interest will be due and owing by the Client.

**SECTION 6: OWNERSHIP AND USE OF DOCUMENTS**

- 6.1 All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by UES, as instruments of service, shall remain the property of UES.
- 6.2 Client agrees that all reports and other work furnished to the Client or his agents, which are not paid for, will be returned upon demand and will not be used by the Client for any purpose.
- 6.3 UES will retain all pertinent records relating to the services performed for a period of five years following submission of the report, during which period the records will be made available to the Client at all reasonable times.
- 6.4 All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by UES, are prepared for the sole and exclusive use of Client, and may not be given to any other party or used or relied upon by any such party without the express written consent of UES.



#### **SECTION 7: DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS**

- 7.1 Client warrants that a reasonable effort has been made to inform UES of known or suspected hazardous materials on or near the project site.
- 7.2 Under this agreement, the term hazardous materials include hazardous materials (40 CFR 172.01), hazardous wastes (40 CFR 261.2), hazardous substances (40 CFR 300.8), petroleum products, polychlorinated biphenyls, and asbestos.
- 7.3 Hazardous materials may exist at a site where there is no reason to believe they could or should be present. UES and Client agree that the discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work. UES and Client also agree that the discovery of unanticipated hazardous materials may make it necessary for UES to take immediate measures to protect health and safety. Client agrees to compensate UES for any equipment decontamination or other costs incident to the discovery of unanticipated hazardous waste.
- 7.4 UES agrees to notify Client when unanticipated hazardous materials or suspected hazardous materials are encountered. Client agrees to make any disclosures required by law to the appropriate governing agencies. Client also agrees to hold UES harmless for any and all consequences of disclosures made by UES which are required by governing law. In the event the project site is not owned by Client, Client recognizes that it is the Client's responsibility to inform the property owner of the discovery of unanticipated hazardous materials or suspected hazardous materials.
- 7.5 Notwithstanding any other provision of the Agreement, Client waives any claim against UES, and to the maximum extent permitted by law, agrees to defend, indemnify, and save UES harmless from any claim, liability, and/or defense costs for injury or loss arising from UES's discovery of unanticipated hazardous materials or suspected hazardous materials including any costs created by delay of the project and any cost associated with possible reduction of the property's value. Client will be responsible for ultimate disposal of any samples secured by UES which are found to be contaminated.

#### **SECTION 8: RISK ALLOCATION**

- 8.1 Client agrees that UES's liability for any damage on account of any breach of contract, error, omission or other professional negligence will be limited to a sum not to exceed \$50,000 or UES's fee, whichever is greater. If Client prefers to have higher limits on contractual or professional liability, UES agrees to increase the limits up to a maximum of \$1,000,000.00 upon Client's written request at the time of accepting our proposal provided that Client agrees to pay an additional consideration of four percent of the total fee, or \$400,00, whichever is greater. The additional charge for the higher liability limits is because of the greater risk assumed and is not strictly a charge for additional professional liability insurance.

#### **SECTION 9: INSURANCE**

- 9.1 UES represents and warrants that it and its agents, staff and consultants employed by it, is and are protected by worker's compensation insurance and that UES has such coverage under public liability and property damage insurance policies which UES deems to be adequate. Certificates for all such policies of insurance shall be provided to Client upon request in writing. Within the limits and conditions of such insurance, UES agrees to indemnify and save Client harmless from and against loss, damage, or liability arising from negligent acts by UES, its agents, staff, and consultants employed by it. UES shall not be responsible for any loss, damage or liability beyond the amounts, limits, and conditions of such insurance or the limits described in Section 8, whichever is less. The Client agrees to defend, indemnify and save UES harmless for loss, damage or liability arising from acts by Client, Client's agent, staff, and other UESs employed by Client.

#### **SECTION 10: DISPUTE RESOLUTION**

- 10.1 All claims, disputes, and other matters in controversy between UES and Client arising out of or in any way related to this Agreement will be submitted to alternative dispute resolution (ADR) such as mediation or arbitration, before and as a condition precedent to other remedies provided by law, including the commencement of litigation.
- 10.2 If a dispute arises related to the services provided under this Agreement and that dispute requires litigation instead of ADR as provided above, then:
- (a) the claim will be brought and tried in judicial jurisdiction of the court of the county where UES's principal place of business is located and Client waives the right to remove the action to any other county or judicial jurisdiction, and
  - (b) The prevailing party will be entitled to recovery of all reasonable costs incurred, including staff time, court costs, attorneys' fees, and other claim related expenses.

#### **SECTION 11: TERMINATION**

- 11.1 This agreement may be terminated by either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof. Such termination shall not be effective if that substantial failure has been remedied before expiration of the period specified in the written notice. In the event of termination, UES shall be paid for services performed to the termination notice date plus reasonable termination expenses.
- 11.2 In the event of termination, or suspension for more than three (3) months, prior to completion of all reports contemplated by the Agreement, UES may complete such analyses and records as are necessary to complete its files and may also complete a report on the services performed to the date of notice of termination or suspension. The expense of termination or suspension shall include all direct costs of UES in completing such analyses, records and reports.

#### **SECTION 12: ASSIGNS**

- 12.1 Neither the Client nor UES may delegate, assign, sublet or transfer their duties or interest in this Agreement without the written consent of the other party.

#### **SECTION 13. GOVERNING LAW AND SURVIVAL**

- 13.1 The laws of the State of Florida will govern the validity of these Terms, their interpretation and performance.
- 13.2 If any of the provisions contained in this Agreement are held illegal, invalid, or unenforceable, the enforceability of the remaining provisions will not be impaired. Limitations of liability and indemnities will survive termination of this Agreement for any cause.

#### **SECTION 14. INTEGRATION CLAUSE**

- 14.1 This Agreement represents and contains the entire and only agreement and understanding among the parties with respect to the subject matter of this Agreement, and supersedes any and all prior and contemporaneous oral and written agreements, understandings, representations, inducements, promises, warranties, and conditions among the parties. No agreement, understanding, representation, inducement, promise, warranty, or condition of any kind with respect to the subject matter of this Agreement shall be relied upon by the parties unless expressly incorporated herein.
- 14.2 This Agreement may not be amended or modified except by an agreement in writing signed by the party against whom the enforcement of any modification or amendment is sought.

**DRMP Survey & Mapping Staff Hours Estimation  
Additional Survey Chester Road Widening Project  
Nassau County  
Financial Identification Number (FIN):  
April, 2017**

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Project Staff Hour Summary

Name of Consultant: 0

Additional Survey Chester Road Widening Project  
N/A

Activity No.	Activity	Project Staff Hours												Total Hours	
		Enter Firm Name	Enter Name Sub 1	Sub 2	Sub 3	Sub 4	Sub 5	Sub 6	Sub 7	Sub 8	Sub 9	Sub 10	Sub 11		Sub 12
3	Project Common and General Tasks	0													0
4	Roadway Analysis	0													0
5	Roadway Plans	0													0
6a	Drainage Analysis	0													0
6b	Drainage Plans	0													0
7	Utilities	0													0
8	Env. Permits, Compliance & Clearances	0													0
9	Structures - Summary, Misc. Tasks, Dwgs.	0													0
10	BDR	0													0
11	Temporary Bridge	0													0
12	Short Span Concrete Bridge	0													0
13	Medium Span Concrete Bridge	0													0
14	Structural Steel Bridge	0													0
15	Segmental Concrete Bridge	0													0
16	Movable Span	0													0
17	Retaining Walls	0													0
18	Miscellaneous Structures	0													0
19	Signing & Pavement Marking Analysis	0													0
20	Signing & Pavement Marking Plans	0													0
21	Signalization Analysis	0													0
22	Signalization Plans	0													0
23	Lighting Analysis	0													0
24	Lighting Plans	0													0
25	Landscape Architecture Analysis	0													0
26	Landscape Architecture Plans	0													0
27	Survey - Field and Office Support	67													67
28	Photogrammetry	0													0
29	Mapping	0													0
30	Terrestrial Mobile LIDAR	0													0
31	Architecture Development	0													0
32	Noise Barriers Impact Design Assessment	0													0
33	ITS Analysis	0													0
34	ITS Plans	0													0
35	Geotechnical	0													0
	<b>Project Total</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>67</b>
27	Survey Field Crew Days	10													10

- Notes: 1. Staff hours for prime consultant come directly from each discipline's worksheet.  
 2. Staff hours for subconsultants are to be entered manually into columns D through O.  
 3. For workbooks prepared by subconsultants, their project hours will be totaled in column C.

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project:  
County:  
FPN:  
FAP No.:

Additional Survey Chester Road Widening Project  
Nassau  
N/A  
7

Consultant Name: DRMP, Inc.  
Consultant No.: enter consultants proj number  
Date: 5/8/2017  
Estimator: Glenn J. Lusink, PSM

Staff Classification	Total SHH Hours From Summary - Firm	Project Manager	Senior Surveyor & Mapper	Surveyor & Mapper	Survey Technician	Secretarial / Clerical	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH	Salary	Average
														By Activity	Cost By Activity	Rate Per Task
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	67	0	0	23	40	3	0	0	0	0	0	0	0	66	\$6,942	\$105.18
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>40</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66</b>		
<b>Total Staff Cost</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$3,066.37</b>	<b>\$3,633.20</b>	<b>\$222.18</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$6,941.75</b>	<b>\$105.18</b>

Survey Field Days by Subconsultant  
3 - Person Crews

- Notes:  
1. This sheet to be used by Prime Consultant to calculate the Grand Total Fee.  
2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:				\$8,841.75
OVERHEAD:	0%			\$0.00
OPERATING MARGIN:	0%			\$0.00
FCCM (Facilities Capital Cost Money):	0.00%			\$0.00
EXPENSES:	0.00%			\$0.00
Survey (Field - If by Prime)	6	3-man crew days @	5 1,837.00 / day	\$11,022.00
SUE Services	2	3-man crew days @	5 2,161.10 / day	\$4,362.20
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$26,004.75</b>
Subconsultant: Enter Name Sub 1				\$0.00
Subconsultant: Sub 2				\$0.00
Subconsultant: Sub 3				\$0.00
Subconsultant: Sub 4				\$0.00
Subconsultant: Sub 5				\$0.00
Subconsultant: Sub 6				\$0.00
Subconsultant: Sub 7				\$0.00
Subconsultant: Sub 8				\$0.00
Subconsultant: Sub 9				\$0.00
Subconsultant: Sub 10				\$0.00
Subconsultant: Sub 11				\$0.00
Subconsultant: Sub 12				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$26,004.75</b>
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$26,004.75</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$26,004.75</b>

Check = \$4,941.75

27. Survey

Estimator: Bill Faust

Additional Survey Chester Road Widening Project

N/A

Representing	Print Name	Signature / Date
Consultant Name	Glenn J. Lusink, PSM	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.1	Horizontal Project Control (HPC)									Extend horizontal control through the new project limits, Roses Bluff Road to just beyond Blackrock Road, about 2000'.
	2-Lane Roadway	Mile	1.00	0.50	0.50	1.25	0.63	3.00	1.50	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.2	Vertical PC / Bench Line									Extend vertical control through the new project limits, Roses Bluff Road to just beyond Blackrock Road, about 2000'. Vertical control points to be set throughout project at 1000' (feet) intervals (NAVD 1988 Datum). This includes secondary vertical control throughout the project.
	2-Lane Roadway	Mile	1.00	0.50	0.50	1.25	0.63	3.00	1.50	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.3	Alignment and Existing R/W Lines									Extend baseline of Chester Road through the new project limits, Roses Bluff Road to just beyond Blackrock Road, about 2000'.
		Mile	1.00	0.50	0.50	1.25	0.63	4.00	2.00	
27.4	Aerial Targets			Units/Day						N/A
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
27.5	Reference Points	"A"		Units/Day						Stake baseline of survey and set references along the Extend baseline of Chester Road through the project limits, Roses Bluff Road to just beyond Blackrock Road, about 2000'. Stake PC's, PT's, PI's, POT and 1000' intervals.
	2-Lane Roadway	EA	3.00	8.00	1.00	1.25	1.25	3.00	3.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
	Reference Points	"B"		Units/Day						
	Non Alignment Points/Approximate	EA			0.00		0.00		0.00	

27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.6	Topography/DTM (3D)									Extend topographic survey through the new project limits, Roses Bluff Road to just beyond Blackrock Road, about 2000'. Provide 3D DTM survey for these additional limits. Top limits will be edge of pavement or edge of pavement.
		Mile	1.00	2.00	2.00	1.25	2.50	4.00	8.00	
27.7	Planimetric (2D)									N/A
		Mile			0.00		0.00		0.00	
27.8	Roadway Cross-Sections/Profiles									N/A
		Mile			0.00		0.00		0.00	
27.9	Side Street Surveys									See 27.7
		Mile			0.00		0.00		0.00	
27.10	Underground Utilities									Provide Subsurface Utility Engineering services, to include designation along the extended project limits, Roses Bluff Road to just beyond Blackrock Road, about 2000'. (4 utility at 8,000'), 2 days budgeted.
	Designates	Mile/Site	1.00	2.00	2.00	1.25	2.50	3.00	6.00	
	Locates	Point			0.00		0.00		0.00	
	Survey		38%	2.00	0.75	1.25	0.94	4.00	3.00	
27.11	Outfall Survey									
		Mile			0.00		0.00		0.00	
27.12	Drainage Survey			Units/Day						N/A
		EA			0.00		0.00		0.00	
27.13	Bridge Survey									N/A
	Minor / Major	EA			0.00		0.00		0.00	
27.14	Channel Survey									N/A
		EA			0.00		0.00		0.00	

27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.15	Pond Site Survey	EA			0.00		0.00		0.00	N/A
27.16	Mitigation Survey	Mile			0.00		0.00		0.00	N/A
27.17	Jurisdiction Line Survey	Mile			0.00		0.00		0.00	N/A
27.18	Geotechnical Support	EA	1	2	0.50	1.25	0.63	3.00	1.50	Survey the locations of borings as performed by others and provide a station, offset and elevation report.
27.19	Sectional / Grant Survey	Corner			0.00		0.00		0.00	N/A
		Mile			0.00		0.00		0.00	
27.20	Subdivision Location	Block	1	1	1.00	1.25	1.25	4.00	4.00	Tie subdivision corners to help establish existing <i>chw</i> lines and subdivision lines (chester Meadows Unit 1 and Thigpen Survey)
27.21	Maintained R/W	Mile			0.00		0.00		0.00	N/A
27.22	Boundary Survey	EA			0.00		0.00		0.00	N/A
27.23	Water Boundary Survey	EA			0.00		0.00		0.00	N/A
27.24	R/W Staking / R/W Line	EA			0.00		0.00		0.00	N/A
		Mile			0.00		0.00		0.00	N/A
27.25	R/W Monumentation	Point			0.00		0.00		0.00	N/A
27.26	Line Cutting	Mile			0.00					N/A
27.27	Work Zone Safety		0.125	8.75	1.08					MOT as required
27.28	Miscellaneous Surveys				0.00		0.00		0.00	Miscellaneous Surveys days for additional survey services if needed at the discretion of the District PM & Design Engineer. (Limiting Amount)

27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
<b>Survey Subtotal</b>					<b>10</b>		<b>11</b>		<b>31</b>	
27.29	Supplemental Surveys			10	0		0		0	THE % FOR SUPPLEMENTAL WILL BE DETERMINED AT NEGOTIATIONS. THIS ITEM CAN ONLY BE USED IF AUTHORIZED IN WRITING BY THE DISTRICT SURVEYOR
27.30	Document Research	Units	8.00						8	
27.31	Field Reviews	Units	4.00						4	
27.32	Technical Meetings	LS	8.00						8	
27.33	Quality Assurance / Quality Control	LS						5%	2	
27.34	Supervision	LS						5%	3	
27.35	Coordination	LS						3%	1	
<b>27. Survey Total</b>				<b>Crew Days</b>	<b>10</b>	<b>Field Support Hours</b>	<b>11</b>	<b>Office Support Hours</b>	<b>56</b>	

SPLS =  
 PLS =  
 Office Support =  
 Total Hours = 67

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	0	0	0		0
Baseline Approval Review	EA	0	0	0		0
Network Control Review	EA	0	0	0		0
Vertical Control Review	EA	0	0	0		0
Local Governments (cities, counties)	EA	0	0	0		0
Final Submittal Review	EA	0	0	0		0
Other Meetings	EA	1	4	4		0
<b>Subtotal Technical Meetings</b>		-		<b>4</b>	<b>Subtotal PM Meetings</b>	<b>0</b>
Progress Meetings (if required)	EA	1	4	4	--	--
Phase Review Meetings	EA	0	0	0	--	--
<b>Total Meetings</b>				<b>8</b>	<b>Total PM Mtgs (carries to Tab 3)</b>	<b>0</b>

Note:  
 Survey crew days are based on a 3 Man (10 hour day)

Carries to 27.32

Carries to Tab 3

\*\* Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3



## New/Replacement Fee Proposal

### Chester Road at Pages Dairy Road Intersection Improvements

The revised scope for the Chester Road at Pages Dairy Road Intersection Improvements includes:

- Total of 3000' change from Rural Roadway to Urban Roadway on Chester Road
- Widening for 4' bike lanes and 5' keyhole lanes
- 6' sidewalk on both sides of Chester Road
- Add right turn lane from Chester Road onto Pages Dairy Road
- New roadway profile
- New drainage system
- Pond Design
- Permitting
- Wetland impacts
- Utilities
- Additional Survey
- Additional Corings/Borings

Sub consultant tasks includes:

- Surveying
- Geotechnical
- Wetlands
- Permitting
- Signals

# Intersection of Chester Road and Pages Dairy Road - Nassau County Florida

## New Proposal Cost Estimate

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
	CLEARING AND GRUBBING	AC	9.6	\$16,000.00	\$154,384.00
	RAILROAD CROSSING	LS	1.0	\$300,000.00	\$300,000.00
	SIGNALIZATION	LS	1.0	\$300,000.00	\$300,000.00
	<b>Resurfacing of Existing Pages Dairy Road</b>				
	MILLING EXIST ASPH PAVT (3" AVG DEPTH)	SY	3,333.3	\$2.50	\$8,333.33
	SUPERPAVE ASPHALTIC CONC (TRAFFIC C)(PG 82-22)(3")	TN	650	\$100.00	\$65,000.00
	<b>Subtotal-Resurface</b>				<b>\$63,333.33</b>
	<b>Chester Road Existing Roadway Rebuild</b>				
	Type B Stabilization	SY	19,444.4	\$4.50	\$87,500.00
	Optional Base	SY	19,444.4	\$21.00	\$408,333.33
	SUPERPAVE ASPHALTIC CONC (TRAFFIC C)(PG 82-22)(3")	TN	3208	\$82.00	\$263,083.33
	<b>Subtotal-Rebuild</b>				<b>\$758,916.67</b>
	<b>New Construction</b>				
	REGULAR EXCAVATION	CY	5,000	\$6.50	\$32,500.00
	EMBANKMENT	CY	14,000	\$6.70	\$93,800.00
	TYPE B STABILIZATION	SY	8,114	\$3.60	\$29,209.60
	SUPERPAVE ASPHALTIC CONC (TRAFFIC C)(PG 82-22)	TN	1,249	\$100.00	\$124,923.33
	OPTIONAL BASE GROUP X	SY	7,571	\$19.00	\$143,861.11
	CONCRETE CURB & GUTTER, TYPE F	LF	6,900	\$18.00	\$106,200.00
	PERFORMANCE TURF, SOD	SY	15,444	\$5.00	\$77,222.22
	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	3.60	\$4,500.00	\$16,193.18
	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	1.43	\$4,500.00	\$6,434.66
	PAINTED PAVEMENT MARKINGS, WHITE, MESSAGE	EA	80	\$30.00	\$2,400.00
	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"	LF	1,500	\$60.00	\$90,000.00
	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"	LF	2,000	\$76.00	\$152,000.00
	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 30"	LF	1,400	\$108.00	\$151,200.00
	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"	LF	800	\$128.00	\$102,400.00
	CLASS I CONC. - ENDWALL 24"	CY	11	\$600.00	\$6,720.00
	MANHOLE	EA	5	\$4,000.00	\$20,000.00
	INLET, CURB	EA	30.0	\$4,800.00	\$144,000.00
	SIDEWALK - 6'	LF	4200	\$46.00	\$193,200.00
	<b>Subtotal-New Const</b>				<b>\$1,365,954.11</b>
	<b>Pond Construction</b>				
	REGULAR EXCAVATION	CY	13000	\$6.50	\$84,500.00
	EMBANKMENT	CY	2000	\$6.70	\$13,400.00
	OUTFALL STRUCTURE	EA	1	\$3,000.00	\$3,000.00
	<b>Subtotal-Pond Const</b>				<b>\$100,900.00</b>
	<b>Total</b>				<b>\$3,043,488.11</b>
	<b>MOT</b>	LS			<b>\$304,348.81</b>
	<b>Mobilization</b>	LS			<b>\$456,523.22</b>
	<b>Contingency 20%</b>	LS			<b>\$760,872.03</b>
	<b>Final Total</b>				<b>\$4,565,232.16</b>

**NEW DESIGN PROPOSAL FEE**

**CONTRACT FEE SUMMARY FORMAT FOR DEPT. OF PUBLIC WORKS  
NASSAU COUNTY, FLORIDA**

PART I - GENERAL				
1. Project Pages Dairy Road at Chester Road Intersection Improvements			2. Contract Number Bid No. NC16-020	
3. Name of Consultant Connelly & Wicker Inc.			4. Date of Proposal 05/04/17	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer	\$223.83	262	\$ 58,643.46	
Sr. Project Manager/EOR	\$201.97	262	\$ 52,916.14	
Engineer	\$109.24	918	\$ 100,282.32	
Sr. Designer	\$74.59	656	\$ 48,931.04	
Designer	\$64.38	262	\$ 16,867.56	
Sr. Technician	\$75.48	262	\$ 19,775.76	
<b>TOTAL</b>	<b>\$113.43</b>	<b>2622</b>		<b>\$297,416.28</b>
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate		Total Direct Labor		-
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				-
8. PROFIT: Labor Related Costs (Item 7)			(Labor + Overhead)	-
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation			\$ 0.00	
Permit Fee			\$ 0.00	
Reproduction			\$ 0.00	
Shipping & Mail			\$ 0.00	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				\$0.00
10. Sub Consultants				
	DRMP, Inc.		\$ 49,813.10	See Attachment
	Peters & Yaffee, Inc.		\$ 36,352.34	See Attachment
	Universal Engineering Sciences		\$ 12,056.44	See Attachment
	Environmental Services, Inc.		\$ 19,200.00	See Attachment
SUB-CONSULTANT SUB-TOTAL				\$117,421.88
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				\$414,838.16
11. REIMBURSABLE COSTS (Limiting Amount)				
	Post Design Services		\$ 20,000.00	
SUB-TOTAL REIMBURSABLES				\$20,000.00
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables) (Items 5 and 10)				\$434,838.16

ESTIMATE OF WORK EFFORT AND FEE FOR  
CONSTRUCTION PLANS

CONSULTANT: Connelly & Wicker Inc. Contract Number: Bid No. NC16-020 Prepared: August 31, 2016 Estimator's Name: Hartland	NAME OF PROJECT: Pages Dairy Road at Chester Road Intersection Improvement BETWEEN: AND: LENGTH:
--	---

No. / ACTIVITY	Chief Engineer		Sr. Project Manager/EOR		Engineer		Sr. Designer		Designer	
	RATE = \$223.83		RATE = \$201.97		RATE = \$109.24		RATE = \$74.59		RATE = \$64.38	
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST
113 Plan Prep.	254	\$56,852.82	254	\$51,300.38	889	\$97,114.36	635	\$47,364.65	254	\$16,352.52
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
114 Permitting	8	\$1,790.64	8	\$1,615.76	29	\$3,167.96	21	\$1,566.39	8	\$515.04
115 Post Design Services	8	\$1,790.64	15	\$3,029.55	16	\$1,747.84	9	\$634.77	20	\$1,287.60
<b>TOTAL</b>	<b>270</b>	<b>\$60,434.10</b>	<b>277</b>	<b>\$55,945.69</b>	<b>934</b>	<b>\$102,030.16</b>	<b>664.5101</b>	<b>\$49,565.81</b>	<b>282</b>	<b>\$18,155.16</b>

No. / ACTIVITY	Sr. Technician		0		MAN HOURS	SALARY	AVG.	SALARY COST
	RATE = \$75.48		RATE = \$0.00		BY	COST BY	HOURLY	DIST.
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	ACTIVITY	ACTIVITY	COST	%
113 Plan Prep.	254	\$19,171.92	0	\$0.00	2541	\$288,156.65	\$113.40	93.7
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	\$0.00	0.0
114 Permitting	8	\$603.84	0	\$0.00	82	\$9,259.63	\$112.92	3.0
115 Post Design Services	20	\$1,509.60	0	\$0.00	0	\$10,000.00	#DIV/0!	3.3
<b>TOTAL</b>	<b>282</b>	<b>\$21,285.36</b>	<b>0</b>	<b>\$0.00</b>	<b>2623</b>	<b>\$307,416.28</b>	<b>\$117.20</b>	<b>100.0</b>

MISCELLANEOUS DIRECT COST

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road at Chester Road Intersection Imp  
 BETWEEN: 0  
 AND: 0

ITEM DESCRIPTION					ITEM TOTAL	COMMENTS
Drafting Medium: (Original Reproducibles)						
	117 Sheets @	5	-	Per Sheet =	\$0.00	
Reproduction (Blue Line & Sepias)	<u>Blue Line</u>	<u>(11x17)</u>	<u>Photocopy</u>			
				Sheets		
				Sheets		
60%	0	0	0	Sheets	5 Sets	
90%	0	0	0	Sheets	5 Sets	
100%	0	0	0	Sheets	5 Sets	
Bid Submittal	0	0	0	Sheets	30 sets Bid Docs	
	Total Sheets	0	0	0		
Cost:	Blue Line	0 Sheets @	\$1.25 =	\$0.00		
(11 x 17)	Photocopy	0 Sheets @	\$0.19 =	\$0.00		
(8.5 x 11)	Photocopy	0 Sheets @	\$0.13 =	\$0.00	\$0.00	
Travel From: [Consultant Office Location]						
To Project:	# Trips					
Transport.	0 x	0 miles x	\$0.540	per mile*	\$0.00	
To County Offices:	# Trips					
Transport.	0 x	0 miles x	\$0.540	per mile*	\$0.00	
To Other Locations:	# Trips					
Transport.	0 x	0 miles x	\$0.540	per mile*	\$0.00	Utility Coordination
					\$0.00	
Other (Community Meeting Displays):						
Permit Application Fees					\$0.00	
Shipping	Est. 6 deliveries at \$25.00 each				\$0.00	
Regular Mail					\$0.00	
Registered Mail	0 Mailings @ \$5.00 each				\$0.00	
TOTAL COST					\$0.00	

**SUMMARY OF MANHOOR REQUIREMENTS**

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road at Chester Road Intersection Imp  
 BETWEEN: 0  
 AND: 0

ITEM	NO. OF SHEETS	TOTAL MANHOURS	COMMENTS
113 Plan Prep.	85	2541.0	
109 Drainage Design	32	0.0	
114 Permitting	0	82.0	
115 Construction Administraion	0	0.0	
Field Review			Included in Above Items
Plans Checking			Included in Above Items
<b>TOTAL</b>	<b>117</b>	<b>2623.0</b>	<b>21.7 Hours/Sheet (Excluding Permittng)</b>

<b>SUPPLEMENTAL DESIGN SURVEY PARTIES</b>			
	SIZE OF PARTY	PARTY DAYS	
	3-Man	0.000	
	4-Man		
<b>TOTAL NUMBER OF PARTY DAYS</b>			

PLANS PREPARATION

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road at Chester Road Intersection Improvement  
 BETWEEN:  
 AND:

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
113 Plan Prep.	1"=						
Key Map & Index of Dwgs		Sheet	1	1	6.00	6.00	
Typical Sections		Sheet	4	4	12.00	48.00	
Summary of Quantities		Sheet	0	0	0.00	0.00	
Plan & Profile (Design)	40	Sheet	8	8	36.00	288.00	
Curb Return Profiles		Sheet	0	0	0.00	0.00	
Construction Details		Sheet	2	2	12.00	24.00	
General Notes		Sheet	1	1	8.00	8.00	
Geotechnical Plans		Sheet	0	0	0.00	0.00	Soil Boring Sheet - Universal
Drainage Cross Sections		Sheet	0	0	0.00	0.00	See Drainage Sheet
Cross Sections		Sheet	40	20	6.00	120.00	
Stormwater Pollut. Prevent. Plans		Sheet	1	2	8.00	8.00	
M.O.T. - Notes		Sheet	1	1	6.00	6.00	
M.O.T. - Plans (incl. Typ. Sections)		Sheet	30	30	16.00	480.00	3 Phases
Signing and Marking Plans		Sheet	8	8	24.00	192.00	
Signalization Plans		Sheet	0	0	0.00	0.00	See Attached Scope by Peters & Yaffee
Tree Mitigation Plans		Sheet	0	0	0.00	0.00	
Quantity Take-Off		L.S.	1	0	120.00	120.00	
Review Comments		L.S.	1	0	24.00	24.00	
Cost Estimates		Each	2	0	24.00	48.00	
Pavement Design		L.S.	1	0	34.00	34.00	
Bid Specifications		L.S.	1	0	48.00	48.00	2 Submittals
Meetings w/ Project Manager		Each	5	0	5.00	25.00	NTP; Review Comments; Progress
Community Meeting		Each	0	0	0.00	0.00	
Meetings w/ Subconsultants		L.S.	6	0	4.00	24.00	Peters & Yaffee, Environmental Services, Universa
Field View (Plans in hand)		Each	4	0	4.00	16.00	2 people
Utility & Railroad		Sheet		8		268.00	From Sheet 6
Drainage		Sheet		0		624.00	From Sheet 6
Conceptual Study Phase		L.S.	1	0	130.00	130.00	Concepts- Rdwy, Drainage, Pond
<b>ROADWAY PLANS TOTALS</b>				<b>85</b>		<b>2541.00</b>	<b>Includes Sheet and Manhours for Sheets 6 &amp; 7</b>

PLANS PREPARATION

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road at Chester Road Intersection Improvement  
 BETWEEN: 500' west of 14th St on Lime St  
 AND: 0

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
113 Utility & Railroad	1"=						
Utility Adjustment Plans	20' & 40'	Sheet	8	8	16.00	128.00	
Water Main		Sheet	0	0	0.00	0.00	
Water & Sewer Design Services		L.S.	0	0	0.00	0.00	
Street Lighting Plans		Sheet	0	0	0.00	0.00	
Coord. w/ Utilities		L.S.	1	0	80.00	80.00	
Railroad Plan Sheet		Sheet	1	0	60.00	60.00	Includes Coordination
Railroad Drainage Struct.		Section	0	0	0.00	0.00	
Railroad Hearings		Each	0	0	0.00	0.00	
UTILITIES & RAILROADS TOTALS				8		268.00	Include These Totals in Roadway Plans Preparation on Sheet 6

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
109 Plan Prep.	1"=						
Drainage Map		Sheet	4	4	24.00	96.00	
Additional Drainage Maps		Sheet	0	0	12.00	0.00	
Attend meeting		Each	1	0	4.00	4.00	
Drainage Design - Urban		L.S.	1	0	120.00	120.00	
Drainage Design - Rural		L.S.	0	0	0.00	0.00	
Drainage Design - Outfall		L.S.	1	0	20.00	20.00	
Drainage Design - Roundabouts		Sheet	0	0	0.00	0.00	
Drainage Struct. - Rural		Sheet	0	0	0.00	0.00	
Drainage Struct. - Urban		Sheet	40	25	12.00	300.00	
Summary - Drainage Struct		Sheet	2	2	8.00	16.00	
Ret/Det Basins		Sheet	1	1	8.00	8.00	
SJRWMD Pond Design		L.S.	1	0	60.00	60.00	
Collect MSMP info		L.S.	0	0	0.00	0.00	
DRAINAGE TOTALS				32		624.00	



PERMITTING AND ENVIRONMENTAL

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road at Chester Road Intersection Improvement  
 BETWEEN: 0  
 AND: 0

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
114 Permitting/Environmental	1"=						
Permit Investigation		LS	1	0	12.00	12.00	
Integration of Park Plans		LS	0	0	0.00	0.00	
Integration of Park Envir. Data		LS	0	0	0.00	0.00	
SJRWMD		Each	1	0	46.00	46.00	
Corps of Engineers		LS	1	0	24.00	24.00	
Fla. Dept. of Transportation		LS	0	0	0.00	0.00	
City of Jacksonville MOT approval		LS	0	0	0.00	0.00	
NPDES		LS	0	0	0.00	0.00	
Permit Acquisition Assessment		Study	0	0	0.00	0.00	
SJRWMD water quality study		Project	0	0	0.00	0.00	
Wetland Impact Assess. Coord.		LS	0	0	0.00	0.00	
Tree Avoidance & Protection Alts.		Study	0	0	0.00	0.00	
Coord. W/ Arborist & Surveyor		Study	0	0	0.00	0.00	
PERMITTING AND ENVIRONMENTAL TOTALS			3	0		82.00	



**SUPPLEMENTAL DESIGN SURVEYS**

Surveyor:  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016  
**SURVEY PARTY DAY RATES:**

NAME OF PROJECT: Pages Dairy Road at Chester Road Intersection Improvement  
 BETWEEN:  
 AND:  
 CREW RATE = \$965.30

ITEM	3-MAN DAYS	4-MAN DAYS	3-MAN COST	4-MAN COST	TOTAL COST	COMMENTS
Design Survey						
Baseline Control	0.000		\$965.30		0.00	
Alignment	0.000		\$965.30		0.00	
Target Placement	0.000		\$965.30		0.00	
Reference Points	0.000		\$965.30		0.00	
Section Line Ties	0.000		\$965.30		0.00	
Property / Subdivision Ties	0.000		\$965.30		0.00	
Side Street Intersections	0.000		\$965.30		0.00	
Topography	0.000		\$965.30		0.00	
Bench Levels	0.000		\$965.30		0.00	
Roadway Cross-Sections	0.000		\$965.30		0.00	
Underground Utilities	0.000		\$965.30		0.00	
Bridge Data Survey	0.000		\$965.30		0.00	
Stake-Out for Borings	0.000		\$965.30		0.00	
Drainage Survey	0.000		\$965.30		0.00	
Tree Survey	0.000		\$965.30		0.00	
<b>SURVEY PARTY DAY TOTALS</b>	0.000	0	-	\$0.00	\$0.00	
<b>OFFICE SUPPORT</b>	<b>UNIT</b>	<b>NO. OF UNITS</b>	<b>COST/ UNIT</b>	<b>COST/ ITEM</b>	<b>TOTAL COST</b>	
Surveyor	Hour	0	\$120.48	0		
Technician	Hour	0	\$68.83	0		
<b>TOTAL</b>					<b>\$0.00</b>	
<b>ITEM</b>	<b>SCALE</b>	<b>UNIT</b>	<b>NO. OF UNITS</b>	<b>M/H PER UNIT</b>	<b>TOTAL MANHOURS</b>	<b>TOTAL COST</b>
<b>RIGHTS-OF-WAY</b>	<b>1"=</b>					
Right-of-Way Map Updates		Sheet	N/A		0	\$0.00
Legal Description Updates		Each	N/A		0	\$0.00
<b>RIGHTS-OF-WAY TOTALS</b>					<b>0</b>	<b>\$0.00</b>
<b>TOTAL SURVEYS, PHOTOGRAPHY &amp; RIGHTS-OF-WAY</b>					Prepared : 09/21/01	<b>\$0.00</b>

UNIVERSAL ENGINEERING SCIENCES

WORK AUTHORIZATION / PROPOSAL ACCEPTANCE FORM

Universal Engineering Sciences, Inc. (UES) is pleased to provide the services described below. The purpose of this document is to describe the terms under which the services will be provided and to obtain authorization.

Pages Dairy Road and Chester Road Intersection Improvements - Additional Services

PROJECT NAME:

PROJECT LOCATION: Nassau County, Florida

Connelly & Wicker, Inc.

CLIENT NAME:

Mr. Will Lanier, P.E.

DATE:

May 4, 2017

CLIENT ADDRESS:

10060 Skinner Lake Drive - Suite 500  
Jacksonville, Florida 32246

PHONE NO.:

904/265-3030

EMAIL:

wlanier@ewieng.com

I. Scope of Services and Understanding of Project

Mobilization of crew and equipment. Perform four additional auger borings between Sta 233+50 and 239+50 along Chester Road and three borings for a right turn lane on southbound Chester Road to westbound on Pages Dairy Road. Perform two auger borings to depths of 15 feet in the proposed stormwater pond area. Results to be included in a report in accordance with our existing subcontract.

\$8,795.74 + \$3,260.70 = \$12,056.44

UES Proposal No. 1449018

estimated fee - \$3,260.70 (see attached Fee Schedule)

II. Contract Documents. The following documents form part of this Agreement and are incorporated herein by referral:

- A. UES General Conditions
B. UES Proposal Dated: May 4, 2017
C. Plans, reports, specifications and other documents provided by the Client prior to this Agreement date.
D. Other exhibits marked and described as follows:

In the event of any inconsistency or conflict among the Contract Documents, the provision in the Contract Document first listed above shall govern.

III. Authority to proceed and for payment. (To be completed by Client)

If the above invoice is to be mailed for approval to someone other than the account charged, please indicate where below:

Firm; Address; Attention; Social Security No. or Federal Identification No.; Title

IN WITNESS WHEREOF, the parties have caused this agreement to be executed by their duly authorized representatives

CLIENT BY (Signature) PRINTED NAME TITLE DATE UNIVERSAL ENGINEERING SCIENCES, INC. BY (Signature) Stephen R. Weaver, P.E. Geotechnical Services Manager May 4, 2017

RETURN EXECUTED COPIES TO UNIVERSAL ENGINEERING SCIENCES, INC. 5561 FLORIDA MINING BOULEVARD SOUTH, JACKSONVILLE, FLORIDA 32257-3648 TELEPHONE: 904.296.0757 / FAX: 904.296.0748



**FEE SCHEDULE**

**Geotechnical Exploration  
Chester Road and Paiges Dairy Road Intersection Improvements**

**Nassau County, Florida  
UES Proposal No.  
05/04/17**

Task	Quantity	Units	Fee Per Unit	Estimated Fee
<b>GEOTECHNICAL PROFESSIONAL SERVICES</b>				
Senior Engineer	3	hour(s)	\$121.64	\$364.92
Project Engineer	8	hour(s)	\$111.77	\$894.16
Technical Secretary	1	hour(s)	\$40.00	\$40.00
Drafting	2	hour(s)	\$61.42	\$122.84
Senior Engineering Technician - Utility Locates	2	hour(s)	\$66.64	\$133.28
Subtotal:				<b>\$1,555.20</b>
<b>GEOTECHNICAL DRILLING SERVICES</b>				
Mobilization Crew and Equipment	1	each	\$450.00	\$450.00
Mobilization - Portable Equipment	0	each	\$800.00	\$0.00
Police/vehicle (2 persons @ 8 hours)	0	hours	\$60.00	\$0.00
Truck Mounted Attenuator	0	day	\$900.00	\$0.00
Coring Equipment	0	day	\$100.00	\$0.00
SPT Borings - Truck 0-50	0	feet	\$11.00	\$0.00
Static Cone Penetrometer	0	feet	\$14.00	\$0.00
Auger Borings (7 @ 5', 2 @ 15')	65	feet	\$9.50	\$617.50
Grout	0	feet	\$5.00	\$0.00
Additional Samples	0	each	\$25.00	\$0.00
Obtain 6-inch Shelby Tube	0	each	\$25.00	\$0.00
Double Ring / Field Cased Perm	0	each	\$450.00	\$0.00
Asphalt Cores	0	each	\$60.00	\$0.00
Subtotal:				<b>\$1,067.50</b>
<b>GEOTECHNICAL LABORATORY TESTING</b>				
Particle Size Analysis	6	each	\$70.00	\$420.00
Organic Content	2	each	\$35.00	\$70.00
Moisture Content	6	each	\$8.00	\$48.00
Atterberg Limits	1	each	\$100.00	\$100.00
Corrosion Testing	0	each	\$125.00	\$0.00
Subtotal:				<b>\$638.00</b>
<b>TOTAL:</b>				<b>\$3,260.70</b>

*Universal Engineering Sciences, Inc.*  
**GENERAL CONDITIONS**

**SECTION 1: RESPONSIBILITIES**

- 1.1 *Universal Engineering Sciences, Inc.*, ("UES"), has the responsibility for providing the services described under the Scope of Services section. The work is to be performed according to accepted standards of care and is to be completed in a timely manner. The term "UES" as used herein includes all of *Universal Engineering Sciences, Inc.*'s agents, employees, professional staff, and subcontractors.
- 1.2 The Client or a duly authorized representative is responsible for providing UES with a clear understanding of the project nature and scope. The Client shall supply UES with sufficient and adequate information, including, but not limited to, maps, site plans, reports, surveys and designs, to allow UES to properly complete the specified services. The Client shall also communicate changes in the nature and scope of the project as soon as possible during performance of the work so that the changes can be incorporated into the work product.
- 1.3 The Client acknowledges that UES's responsibilities in providing the services described under the Scope of Services section is limited to those services described therein, and the Client hereby assumes any collateral or affiliated duties necessitated by or for those services. Such duties may include, but are not limited to, reporting requirements imposed by any third party such as federal, state, or local entities, the provision of any required notices to any third party, or the securing of necessary permits or permissions from any third parties required for UES's provision of the services so described, unless otherwise agreed upon by both parties.
- 1.4 Universal will not be responsible for scheduling our services and will not be responsible for tests or inspections that are not performed due to a failure to schedule our services on the project or any resulting damages.
- 1.5 **PURSUANT TO FLORIDA STATUTES §558.0035, ANY INDIVIDUAL EMPLOYEE OR AGENT OF UES MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.**

**SECTION 2: STANDARD OF CARE**

- 2.1 Services performed by UES under this Agreement will be conducted in a manner consistent with the level of care and skill ordinarily exercised by members of UES's profession practicing contemporaneously under similar conditions in the locality of the project. No other warranty, express or implied, is made.
- 2.2 The Client recognizes that subsurface conditions may vary from those observed at locations where borings, surveys, or other explorations are made, and that site conditions may change with time. Data, interpretations, and recommendations by UES will be based solely on information available to UES at the time of service. UES is responsible for those data, interpretations, and recommendations, but will not be responsible for other parties' interpretations or use of the information developed.
- 2.3 Execution of this document by UES is not a representation that UES has visited the site, become generally familiar with local conditions under which the services are to be performed, or correlated personal observations with the requirements of the Scope of Services. It is the Client's responsibility to provide UES with all information necessary for UES to provide the services described under the Scope of Services, and the Client assumes all liability for information not provided to UES that may affect the quality or sufficiency of the services so described.
- 2.4 Should UES be retained to provide threshold inspection services under Florida Statutes §563.79, Client acknowledges that UES's services thereunder do not constitute a guarantee that the construction in question has been properly designed or constructed, and UES's services do not replace any of the obligations or liabilities associated with any architect, contractor, or structural engineer. Therefore it is explicitly agreed that the Client will not hold UES responsible for the proper performance of service by any architect, contractor, structural engineer or any other entity associated with the project.

**SECTION 3: SITE ACCESS AND SITE CONDITIONS**

- 3.1 Client will grant or obtain free access to the site for all equipment and personnel necessary for UES to perform the work set forth in this Agreement. The Client will notify any and all possessors of the project site that Client has granted UES free access to the site. UES will take reasonable precautions to minimize damage to the site, but it is understood by Client that, in the normal course of work, some damage may occur, and the correction of such damage is not part of this Agreement unless so specified in the Proposal.
- 3.2 The Client is responsible for the accuracy of locations for all subterranean structures and utilities. UES will take reasonable precautions to avoid known subterranean structures, and the Client waives any claim against UES, and agrees to defend, indemnify, and hold UES harmless from any claim or liability for injury or loss, including costs of defense, arising from damage done to subterranean structures and utilities not identified or accurately located. In addition, Client agrees to compensate UES for any time spent or expenses incurred by UES in defense of any such claim with compensation to be based upon UES's prevailing fee schedule and expense reimbursement policy.

**SECTION 4: SAMPLE OWNERSHIP AND DISPOSAL**

- 4.1 Soil or water samples obtained from the project during performance of the work shall remain the property of the Client.
- 4.2 UES will dispose of or return to Client all remaining soils and rock samples 60 days after submission of report covering those samples. Further storage or transfer of samples can be made at Client's expense upon Client's prior written request.
- 4.3 Samples which are contaminated by petroleum products or other chemical waste will be returned to Client for treatment or disposal, consistent with all appropriate federal, state, or local regulations.

**SECTION 5: BILLING AND PAYMENT**

- 5.1 UES will submit invoices to Client monthly or upon completion of services. Invoices will show charges for different personnel and expense classifications.
- 5.2 Payment is due 30 days after presentation of invoice and is past due 31 days from invoice date. Client agrees to pay a finance charge of one and one-half percent (1 1/2 %) per month, or the maximum rate allowed by law, on past due accounts.
- 5.3 If UES incurs any expenses to collect overdue billings on invoices, the sums paid by UES for reasonable attorneys' fees, court costs, UES's time, UES's expenses, and interest will be due and owing by the Client.

**SECTION 6: OWNERSHIP AND USE OF DOCUMENTS**

- 6.1 All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by UES, as instruments of service, shall remain the property of UES.
- 6.2 Client agrees that all reports and other work furnished to the Client or his agents, which are not paid for, will be returned upon demand and will not be used by the Client for any purpose.
- 6.3 UES will retain all pertinent records relating to the services performed for a period of five years following submission of the report, during which period the records will be made available to the Client at all reasonable times.
- 6.4 All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by UES, are prepared for the sole and exclusive use of Client, and may not be given to any other party or used or relied upon by any such party without the express written consent of UES.

#### **SECTION 7: DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS**

- 7.1 Client warrants that a reasonable effort has been made to inform UES of known or suspected hazardous materials on or near the project site.
- 7.2 Under this agreement, the term hazardous materials include hazardous materials (40 CFR 172.01), hazardous wastes (40 CFR 261.2), hazardous substances (40 CFR 300.6), petroleum products, polychlorinated biphenyls, and asbestos.
- 7.3 Hazardous materials may exist at a site where there is no reason to believe they could or should be present. UES and Client agree that the discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work. UES and Client also agree that the discovery of unanticipated hazardous materials may make it necessary for UES to take immediate measures to protect health and safety. Client agrees to compensate UES for any equipment decontamination or other costs incident to the discovery of unanticipated hazardous waste.
- 7.4 UES agrees to notify Client when unanticipated hazardous materials or suspected hazardous materials are encountered. Client agrees to make any disclosures required by law to the appropriate governing agencies. Client also agrees to hold UES harmless for any and all consequences of disclosures made by UES which are required by governing law. In the event the project site is not owned by Client, Client recognizes that it is the Client's responsibility to inform the property owner of the discovery of unanticipated hazardous materials or suspected hazardous materials.
- 7.5 Notwithstanding any other provision of the Agreement, Client waives any claim against UES, and to the maximum extent permitted by law, agrees to defend, indemnify, and save UES harmless from any claim, liability, and/or defense costs for injury or loss arising from UES's discovery of unanticipated hazardous materials or suspected hazardous materials including any costs created by delay of the project and any cost associated with possible reduction of the property's value. Client will be responsible for ultimate disposal of any samples secured by UES which are found to be contaminated.

#### **SECTION 8: RISK ALLOCATION**

- 8.1 Client agrees that UES's liability for any damage on account of any breach of contract, error, omission or other professional negligence will be limited to a sum not to exceed \$50,000 or UES's fee, whichever is greater. If Client prefers to have higher limits on contractual or professional liability, UES agrees to increase the limits up to a maximum of \$1,000,000.00 upon Client's written request at the time of accepting our proposal provided that Client agrees to pay an additional consideration of four percent of the total fee, or \$400.00, whichever is greater. The additional charge for the higher liability limits is because of the greater risk assumed and is not strictly a charge for additional professional liability insurance.

#### **SECTION 9: INSURANCE**

- 9.1 UES represents and warrants that it and its agents, staff and consultants employed by it, is and are protected by worker's compensation insurance and that UES has such coverage under public liability and property damage insurance policies which UES deems to be adequate. Certificates for all such policies of insurance shall be provided to Client upon request in writing. Within the limits and conditions of such insurance, UES agrees to indemnify and save Client harmless from and against loss, damage, or liability arising from negligent acts by UES, its agents, staff, and consultants employed by it. UES shall not be responsible for any loss, damage or liability beyond the amounts, limits, and conditions of such insurance or the limits described in Section 8, whichever is less. The Client agrees to defend, indemnify and save UES harmless for loss, damage or liability arising from acts by Client, Client's agent, staff, and other UESs employed by Client.

#### **SECTION 10: DISPUTE RESOLUTION**

- 10.1 All claims, disputes, and other matters in controversy between UES and Client arising out of or in any way related to this Agreement will be submitted to alternative dispute resolution (ADR) such as mediation or arbitration, before and as a condition precedent to other remedies provided by law, including the commencement of litigation.
- 10.2 If a dispute arises related to the services provided under this Agreement and that dispute requires litigation instead of ADR as provided above, then:
- the claim will be brought and tried in judicial jurisdiction of the court of the county where UES's principal place of business is located and Client waives the right to remove the action to any other county or judicial jurisdiction, and
  - The prevailing party will be entitled to recovery of all reasonable costs incurred, including staff time, court costs, attorneys' fees, and other claim related expenses.

#### **SECTION 11: TERMINATION**

- 11.1 This agreement may be terminated by either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof. Such termination shall not be effective if that substantial failure has been remedied before expiration of the period specified in the written notice. In the event of termination, UES shall be paid for services performed to the termination notice date plus reasonable termination expenses.
- 11.2 In the event of termination, or suspension for more than three (3) months, prior to completion of all reports contemplated by the Agreement, UES may complete such analyses and records as are necessary to complete its files and may also complete a report on the services performed to the date of notice of termination or suspension. The expense of termination or suspension shall include all direct costs of UES in completing such analyses, records and reports.

#### **SECTION 12: ASSIGNS**

- 12.1 Neither the Client nor UES may delegate, assign, sublet or transfer their duties or interest in this Agreement without the written consent of the other party.

#### **SECTION 13. GOVERNING LAW AND SURVIVAL**

- 13.1 The laws of the State of Florida will govern the validity of these Terms, their interpretation and performance.
- 13.2 If any of the provisions contained in this Agreement are held illegal, invalid, or unenforceable, the enforceability of the remaining provisions will not be impaired. Limitations of liability and indemnities will survive termination of this Agreement for any cause.

#### **SECTION 14. INTEGRATION CLAUSE**

- 14.1 This Agreement represents and contains the entire and only agreement and understanding among the parties with respect to the subject matter of this Agreement, and supersedes any and all prior and contemporaneous oral and written agreements, understandings, representations, inducements, promises, warranties, and conditions among the parties. No agreement, understanding, representation, inducement, promise, warranty, or condition of any kind with respect to the subject matter of this Agreement shall be relied upon by the parties unless expressly incorporated herein.
- 14.2 This Agreement may not be amended or modified except by an agreement in writing signed by the party against whom the enforcement of any modification or amendment is sought.

**DRMP Survey & Mapping Staff Hours Estimation  
Additional Survey Pages Dairy/Chester Road Intersection Project  
Nassau County  
Financial Identification Number (FIN):  
April, 2017**



**ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT**

Name of Project:  
County:  
FPN:  
FAP No.:

Additional Survey Pages Dairy/Chester Road Intersection Project  
Nassau  
N/A  
?

Consultant Name: DRMP, Inc.  
Consultant No.: enter consultants proj. number  
Date: 5/8/2017  
Estimator: Glenn J. Lusink, PSM

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Senior Surveyor & Mapper	Surveyor & Mapper	Survey Technician	Secretarial / Clerical	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH	Salary	Average
														By Activity	Cost By Activity	Rate Per Task
1. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dvgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	60	0	0	21	36	3	0	0	0	0	0	0	0	60	\$6,310	\$105.17
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barrier Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>36</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>		
<b>Total Staff Cost</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$2,817.99</b>	<b>\$3,269.88</b>	<b>\$222.18</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$6,310.05</b>	<b>\$105.17</b>

Survey Field Days by Subconsultant  
3 - Person Crew:

SALARY RELATED COSTS:						
OVERHEAD:		0%				\$6,310.05
OPERATING MARGIN:		0%				\$0.00
FGCM (Facilities Capital Cost Money):		0.00%				\$0.00
EXPENSES:		0.00%				\$0.00
Survey (Field - if by Prime)	7	3-man crew days @	\$ 1,837.80 / day			\$11,944.40
SUE Services	2	3-man crew days @	\$ 2,161.10 / day			\$3,271.65
<b>SUBTOTAL ESTIMATED FEE:</b>						<b>\$21,526.10</b>
Subconsultant: Enter Name Sub 1						\$0.00
Subconsultant: Sub 2						\$0.00
Subconsultant: Sub 3						\$0.00
Subconsultant: Sub 4						\$0.00
Subconsultant: Sub 5						\$0.00
Subconsultant: Sub 6						\$0.00
Subconsultant: Sub 7						\$0.00
Subconsultant: Sub 8						\$0.00
Subconsultant: Sub 9						\$0.00
Subconsultant: Sub 10						\$0.00
Subconsultant: Sub 11						\$0.00
Subconsultant: Sub 12						\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>						<b>\$21,526.10</b>
Geotechnical Field and Lab Testing						\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>						<b>\$21,526.10</b>
Optional Services						\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>						<b>\$21,526.10</b>

- Notes:  
1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
2. Manually enter fee for each subconsultant. Unused subconsultant rows may be hidden.

$\$28,557.00 + \$21,526.10 =$   
 $\$49,813.10$

27. Survey

Estimator: Bill Faust

Additional Survey Pages Dairy/Chester Road Intersection Project

N/A

Representing	Print Name	Signature / Date
Consultant Name	Glenn J. Lusink, PSM	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.1	Horizontal Project Control (HPC)									Extend horizontal control through the new project limits, 1000' south along Chester Road from Courtney Isles Way.
	2-Lane Roadway	Mile	1.00	0.25	0.25	1.25	0.31	3.00	0.75	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.2	Vertical PC / Bench Line									Extend horizontal control through the new project limits, 1000' south along Chester Road from Courtney Isles Way. Vertical control points to be set throughout project at 1000' (feet) intervals (NAVD 1988 Datum). This includes secondary vertical control throughout the project.
	2-Lane Roadway	Mile	1.00	0.25	0.25	1.25	0.31	3.00	0.75	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.3	Alignment and Existing R/W Lines									Extend baseline through the new project limits, 1000' south along Chester Road from Courtney Isles Way.
		Mile	1.00	0.25	0.25	1.25	0.31	4.00	1.00	
27.4	Aerial Targets			Units/Day						N/A
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
27.5	Reference Points	"A"		Units/Day						Stake baseline of survey and set references along the Extend baseline of Chester Road through the project limits, 1000' south along Chester Road from Courtney Isles Way. Stake PC's, PT's, PI's, POT and 1000' intervals.
	2-Lane Roadway	EA	4.00	8.00	0.50	1.25	0.63	3.00	1.50	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
	Reference Points	"B"		Units/Day						
	Non Alignment Points/Approximate	EA			0.00		0.00		0.00	

27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.6	Topography/DTM (3D)									Extend topographic survey through the new project limits, 1000' south along Chester Road from Courtney Isles Way. Provide 3D DTM survey for these additional limits. Topo Limits R/W to R/W (1 day budgeted).
		Mile	1.00	3.00	3.00	1.25	3.75	4.00	12.00	Provide topo 3D survey for the 400'x100' pond site east of the intersection within the existing R/W of future Pages Dairy Road Extension, includes locating wetland flags (1 day budgeted). Provides additional topographic survey at the northwest corner of Pages Dairy and Chester Road intersection for left turn lane from Chester Road to Pages Dairy Road (1 day budgeted).
27.7	Planimetric (2D)									N/A
		Mile			0.00		0.00		0.00	
27.8	Roadway Cross-Sections/Profiles									N/A
		Mile			0.00		0.00		0.00	
27.9	Side Street Surveys									See 27.7
		Mile			0.00		0.00		0.00	
27.10	Underground Utilities									
	Designates	Mile/Site	1.00	1.50	1.50	1.25	1.88	3.00	4.50	Provide Subsurface Utility Engineering services, to include designation along the extended project limits, 1000' south along Chester Road from Courtney Isles Way, (6 utility at 6,000'), 1.5 days budgeted.
	Locates	Point			0.00		0.00		0.00	
	Survey		38%	1.50	0.56	1.25	0.70	4.00	2.25	
27.11	Outfall Survey									
		Mile			0.00		0.00		0.00	
27.12	Drainage Survey			Units/Day						
		EA			0.00		0.00		0.00	N/A
27.13	Bridge Survey									
	Minor / Major	EA			0.00		0.00		0.00	N/A
27.14	Channel Survey									
		EA			0.00		0.00		0.00	N/A

27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.15	Pond Site Survey									N/A
		EA			0.00		0.00		0.00	
27.16	Mitigation Survey									N/A
		Mile			0.00		0.00		0.00	
27.17	Jurisdiction Line Survey									N/A
		Mile			0.00		0.00		0.00	
27.18	Geotechnical Support			Units/Day						Survey the locations of borings as performed by others and provide a station, offset and elevation report.
		EA	1	2	0.50	1.25	0.63	3.00	1.50	
27.19	Sectional / Grant Survey									N/A
		Corner			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.20	Subdivision Location									Tie subdivision corners to help establish existing r/w lines and subdivision lines (chester Meadows Unit 1 and Thigpen Survey)
		Block	1	0.5	0.50	1.25	0.63	4.00	2.00	
27.21	Maintained R/W									N/A
		Mile			0.00		0.00		0.00	
27.22	Boundary Survey									N/A
		EA			0.00		0.00		0.00	
27.23	Water Boundary Survey									N/A
		EA			0.00		0.00		0.00	
27.24	R/W Staking / R/W Line									N/A
		EA			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.25	R/W Monumentation									N/A
		Point			0.00		0.00		0.00	
27.26	Line Cutting									N/A
		Mile			0.00					
27.27	Work Zone Safety									MOT as required
			0.125	7.31	0.91					
27.28	Miscellaneous Surveys									Miscellaneous Surveys days for additional survey services if needed at the discretion of the District PM & Design Engineer. (Limiting Amount)
					0.00		0.00		0.00	

27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
<b>Survey Subtotal</b>				<b>Crew Days</b>	<b>8</b>	<b>Field Support Hours</b>	<b>9</b>	<b>Office Support Hours</b>	<b>26</b>	
27.29	Supplemental Surveys			8	0		0		0	THE % FOR SUPPLEMENTAL WILL BE DETERMINED AT NEGOTIATIONS. THIS ITEM CAN ONLY BE USED IF AUTHORIZED IN WRITING BY THE DISTRICT SURVEYOR
27.30	Document Research	Units	8.00						8	
27.31	Field Reviews	Units	4.00						4	
27.32	Technical Meetings	LS	8.00						8	
27.33	Quality Assurance / Quality Control	LS						5%	1	
27.34	Supervision	LS						5%	3	
27.35	Coordination	LS						3%	1	
<b>27. Survey Total</b>				<b>Crew Days</b>	<b>8</b>	<b>Field Support Hours</b>	<b>9</b>	<b>Office Support Hours</b>	<b>51</b>	

SPLS =  
 PLS =  
 Office Support =  
 Total Hours = 60

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	0	0	0		0
Baseline Approval Review	EA	0	0	0		0
Network Control Review	EA	0	0	0		0
Vertical Control Review	EA	0	0	0		0
Local Governments (cities, counties)	EA	0	0	0		0
Final Submittal Review	EA	0	0	0		0
Other Meetings	EA	1	4	4		0
<b>Subtotal Technical Meetings</b>				<b>4</b>	<b>Subtotal PM Meetings</b>	<b>0</b>
Progress Meetings (if required)	EA	1	4	4	--	--
Phase Review Meetings	EA	0	0	0	--	--
<b>Total Meetings</b>				<b>8</b>	<b>Total PM Mtgs (carries to Tab 3)</b>	<b>0</b>

Note:  
 Survey crew days are based on a 3 Man (10 hour day)

Carries to 27.32

Carries to Tab 3

\*\* Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

ENVIRONMENTAL SERVICES, INC.  
7220 Financial Way, Suite 100  
Jacksonville, FL 32256

Phone 904-470-2200 \* Fax 904-470-2112

[www.environmentalservicesinc.com](http://www.environmentalservicesinc.com)

4 May 2017

Mr. William Lanier  
Connelly & Wicker, Inc.  
10060 Skinner Lake Drive, Suite 500  
Jacksonville, Florida 32246

**RE: Pages Dairy Road & Chester Road Intersection (EJ16279.00) - Additional Services  
Nassau County, Florida**

Dear Will:

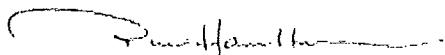
Thank you for contacting Environmental Services, Inc. (ESI). Pursuant to our recent conversation, ESI is pleased to enclose the attached proposal. Please note under our Terms section at the end of the proposal that, as the client, you assure ESI that we have permission to work on the property being evaluated and that you will advise us regarding the proper procedures for accessing the property.

If the attached meets your requirements, please approve by signing and returning the enclosed document to us by mail to the address above, by fax (904-470-2112) or via email ([thamilton@esinc.cc](mailto:thamilton@esinc.cc)). We are prepared to proceed upon receipt of the signed contract. We look forward to working with you.

Please contact me should you have any questions. Thank you for selecting ESI to assist with your environmental consulting needs.

Sincerely yours,

ENVIRONMENTAL SERVICES, INC.



Tim Hamilton  
Senior Vice President/Technical Director

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S:pf050417f

ENVIRONMENTAL SERVICES, INC.

**PROPOSAL FOR ADDITIONAL SERVICES  
ESI PROJECT NO. EJ16279.00**

The following Contract for Services is an agreement between Environmental Services, Inc., (ESI) and Connelly & Wicker, Inc., (Client) with the terms specified herein. Client agrees that the company/individual signing this agreement has the ability to compensate ESI for the work described herein whether or not the proposed project materializes. ESI agrees to perform the following tasks for the associated fee.

**Project Name: Pages Dairy Road & Chester Road Intersection**  
**Project Location: Nassau County, Florida**

<b>SCOPE OF SERVICES</b>	<b>FEE</b>
<b>Task 2. Wetland Delineation (Additional Right of Way)</b>	<b>\$700.00</b>
<p>ESI will field delineate the limits of jurisdictional wetlands pursuant to the current methodologies of the U.S. Army Corps of Engineers [(ACOE) 2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0)], Florida Department of Environmental Protection (FDEP) and St. Johns River Water Management District [(SJRWMD) Florida Unified Wetland Delineation Methodology, Chapter 62-340, F.A.C.]. We will provide you and your chosen land surveyor with a flagging key map showing the approximate location of the jurisdictional line.</p> <p><i>This task does not include the formal mapping of the wetland boundary. A licensed land surveyor must perform this mapping.</i></p>	
<b>Task 3 Wetland Delineation (Pond Location)</b>	<b>\$500.00</b>
<p>ESI will field delineate the limits of jurisdictional wetlands pursuant to the current methodologies of ACOE, FDEP and SJRWMD. We will provide you and your chosen land surveyor with a flagging key map showing the approximate location of the jurisdictional line.</p> <p><i>This task does not include the formal mapping of the wetland boundary. A licensed land surveyor must perform this mapping.</i></p>	
<b>Task 4. Environmental Permitting</b>	<b>\$15,000.00</b>
<p>ESI, in collaboration with CWI, will prepare and submit permit applications to SJRWMD and ACOE to address project impacts to jurisdictional wetlands or surface waters. We will also address potential requests for additional information from the agencies,</p>	

ENVIRONMENTAL SERVICES, INC.

conduct field reviews with the agencies if requested, and develop an appropriate mitigation.

**Task 5. Wetland Delineation (Potential Outfall Location) \$500.00**

ESI will field delineate the limits of jurisdictional wetlands pursuant to the current methodologies of ACOE, FDEP and SJRWMD. We will provide you and your chosen land surveyor with a flagging key map showing the approximate location of the jurisdictional line.

TOTAL  
\$ 16,700

*This task does not include the formal mapping of the wetland boundary. A licensed land surveyor must perform this mapping.*

Additional services not specifically addressed herein will be invoiced on a time and materials basis at standard ESI hourly rates. We will provide you with a written proposal for these tasks if, or when, they become necessary. We are prepared to proceed upon receipt of the signed contract.

ESI is committed to providing quality service to our clients. Every project is reviewed by a senior technical manager to ensure that the work has been performed in compliance with our goal of providing superior service and solutions to our clients.

$\$ 2,500 + \$ 16,700 = \underline{\underline{\$ 19,200.00}}$



ENVIRONMENTAL SERVICES, INC.

**Project Name:** Pages Dairy Road & Chester Road Widening (EJ16279.00)  
**Project Location:** Nassau County, Florida

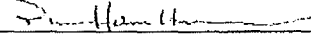
Task 2:	Wetland Delineation (Additional R.O.W)	Fee: \$700.00
Task 3:	Wetland Delineation (Pond Location)	Fee: \$500.00
Task 4:	Environmental Permitting	Fee: \$15,000.00
Task 5:	Wetland Delineation (Potential Outfall Location)	Fee: \$500.00

**TERMS:**

- ESI will complete the work described above in a timely manner unless delayed by Client's request, lack of information, or intervening factors beyond our control.
- Client assures ESI that it has permission to work on the subject property and will advise ESI of proper procedures for accessing subject property.
- ESI will maintain a minimum \$1,000,000 errors and omissions (professional liability) insurance; \$1,000,000 per occurrence and \$2,000,000 aggregate general liability insurance for the duration of the project. If any additional insurance requirements are necessary, please return the specifications with the signed proposal. They will become a part of this contract as agreed by both parties.
- Outside services and expenses such as subcontractors and special purchases will be invoiced with a handling fee of 15 percent.
- A retainer of \$0.00 is required; the retainer will be subtracted from the last invoice and is required by ESI to initiate work.
- Client will provide ESI with any special billing formats or considerations with the signed contract.
- Billing is done monthly. Payment is due immediately upon receipt of the invoice; after 30 days the Client agrees to pay 1.5 percent late fee per month or portion thereof on unpaid balances. Unpaid balances after 60 days from the date of the invoice may result in work stoppage until overdue accounts are resolved.
- Failure to pay within 60 days from the date of invoice will be considered by ESI to be a breach of contract, and ESI may cease work and withhold all work product immediately without penalty from the Client.
- Client agrees that this contract is an agreement between Client and ESI. Payment is due from Client at the time services are performed. Payment shall not be contingent upon regulatory action or upon resolution of any legal matter that ESI is not a party to. If ESI is being contracted to complete work which Client will use in a legal dispute, Client agrees to pay ESI in a timely manner without regard to the current standing of that legal dispute. ESI fees may not be incorporated into real estate closings without prior written consent from ESI.
- This agreement shall be governed by the laws of the State of Florida, United States. Any lawsuit, proceeding or action arising out of or relating to this agreement must be brought in any court of competent jurisdiction located within Duval County, Jacksonville, Florida. Each of the parties irrevocably submits and consents to the exclusive jurisdiction of such court in any such lawsuit, proceeding or action, and waives any defense or objection it may now or hereafter have to personal jurisdiction, venue, or inconvenient forum.
- ESI rates change on March 1 of each year.
- This proposal is valid for a period of 60 days following the date of issuance.

**TERMS ACCEPTED:**

**ENVIRONMENTAL SERVICES, INC.**

SIGNATURE: _____	SIGNATURE:  _____
NAME: _____	NAME: <u>Tim Hamilton</u>
FIRM: _____	FIRM: <u>Environmental Services, Inc.</u>
TITLE: _____	TITLE: <u>Senior Vice President/Technical Director</u>
DATE: _____	DATE: <u>4 May 2017</u>

**BILLING ADDRESS AND CONTACT IF DIFFERENT FROM ABOVE:**

\_\_\_\_\_  
\_\_\_\_\_

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S:\p0504171



ENVIRONMENTAL SERVICES, INC.

**ENVIRONMENTAL SERVICES, INC.  
SCHEDULE OF LABOR AND EXPENSE RATES**

<u>POSITION</u>	<u>RATE</u>	<u>EXPENSE</u>	<u>CHARGE</u>
<b><u>Technical</u></b>		<b><u>Additional Services</u></b>	
Assistant Scientist	\$40.00/Hour	GIS/CAD Usage	\$30.00/Hour
Environmental Technician	\$50.00/Hour	Global Positioning System	\$50.00/Day
Project Scientist	\$60.00/Hour	ATV Usage	\$50.00/Day
Senior Scientist	\$75.00/Hour	Boat Usage	\$100.00/Day
Senior Geologist	\$120.00/Hour	Local Courier Service	\$13.00/Delivery
Project Archaeologist	\$45.00/Hour	Outside Graphics	Cost + 15%
Senior Archaeologist	\$60.00/Hour	All Subcontracted Services	Cost + 15%
Historic Resource Specialist	\$80.00/Hour	<b><u>Travel</u></b>	
Sustainability Specialist	\$100.00/Hour	Vehicle Mileage Rate	\$0.535/Mile
Project Forester	\$90.00/Hour	Travel Expenses	Cost
Senior Forester	\$105.00/Hour	<b><u>Copies</u></b>	
Project Manager	\$100.00/Hour	Photocopy Per Page	\$0.15
Senior Manager	\$110.00/Hour	Color Copy Per Page	\$1.50 8 ½ x 11
Forest Biometrician	\$115.00/Hour		\$2.50 8 ½ x 14
SR Forest Biometrician	\$145.00/Hour		\$3.00 11 x 17
VP/Technical Director	\$145.00/Hour	Full Size Copy Per Page	\$2.00 24 x 36
SR VP/Technical Director	\$160.00/Hour		or 36 x 48 b/w
SR VP II/Technical Director	\$180.00/Hour		\$20.00 24 x 36
Principal	\$200.00/Hour		or 36 x 48 color
<b><u>Administrative</u></b>		Blueprints or Xerox Per Page	\$2.50
Receptionist	\$35.00/Hour	Aerial Photography	\$50 0 - 15 acres
Administrative Assistant	\$50.00/Hour		\$100 16 - 50 acres
Exec. Admin Assistant	\$70.00/Hour		\$200 51 - 100 acres
<b><u>Graphics</u></b>			\$300 101 - 999 acres
GIS/CAD Technician	\$60.00/Hour		\$500 1000+ acres
GIS/CAD Analyst	\$80.00/Hour		
GIS/CAD Manager	\$105.00/Hour		
GIS/CAD Senior Manager	\$110.00/Hour		

# Supplemental Fee #1

## Pages Dairy Road Widening Project

Additional Scope for Pages Dairy Road includes:

- Widening an additional 500' to the west of Felmor Road
- Added a right turn lane from Pages Dairy Road onto Felmor Road
- Added a right turn lane from Felmor Road onto Pages Dairy Road
- Added a left turn lane from Pages Dairy Road to Felmor Road

Sub consultant tasks include:

- Surveying
- Geotechnical
- Wetlands

## Pages Dairy Road Widening - Nassau County Florida

### COST ESTIMATE

DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL
<b>Pages Dairy Road to Felmor Road</b>				
CLEARING AND GRUBBING	AC	24.4	\$14,000.00	\$341,965.11
REGULAR EXCAVATION	CY	11,000.0	\$6.50	\$71,500.00
EMBANKMENT	CY	11,000.0	\$6.70	\$73,700.00
MILLING EXIST ASPH PAVT (3" AVG DEPTH)	SY	29,555.6	\$2.50	\$73,888.89
MILLING EXIST ASPH PAVT, CROSS SLOPE CORRECTION	SY	5,911.1	\$2.50	\$14,777.78
SUPERPAVE ASPHALTIC CONC (TRAFFIC C)(PG 82-22)(1.5")	TN	2,926.0	\$100.00	\$292,600.00
ASPHALT CONC FRICTION COURSE, INC BIT FC-12.5, (PG 76-22)	TN	3,901.3	\$150.00	\$585,200.00
OVERBUILD, SUPERPAVE ASPHALT CONC	TN	585.2	\$100.00	\$58,520.00
OPTIONAL BASE GROUP 9	SY	5,911.1	\$18.00	\$106,400.00
OPTIONAL BASE GROUP 1	SY	11,822.2	\$17.00	\$200,977.78
TYPE B STABILIZATION	SY	29,555.6	\$4.50	\$133,000.00
PERFORMANCE TURF, SOD	SY	44,333.3	\$4.00	\$177,333.33
PIPE CULVERT, OPTIONAL MATERIAL, 18" (SIDE DRAIN)	LF	1,200.0	\$60.00	\$72,000.00
PIPE CULVERT, OPTIONAL MATERIAL, 24" (CROSS DRAIN EXTENSION)	LF	20.0	\$76.00	\$1,520.00
PIPE CULVERT, OPTIONAL MATERIAL, 36" (CROSS DRAIN EXTENSION)	LF	140.0	\$128.00	\$17,920.00
CLASS 1 CONC. - ENDWALL 18"	CY	4.5	\$1,100.00	\$4,928.00
CLASS 1 CONC. - ENDWALL 24"	CY	3.1	\$1,100.00	\$3,432.00
CLASS 1 CONC. - ENDWALL 36"	CY	9.1	\$1,100.00	\$10,010.00
CLASS 1 CONC. - ENDWALL DOUBLE 36"	CY	34.4	\$1,100.00	\$37,818.00
10'x6' CONCRETE BOX CULVERT EXTENSION, 5' EITHER SIDE	CY	14.0	\$1,100.00	\$15,400.00
MITERED END SECTION, 18" (SIDE DRAIN)	EA	92.0	\$1,300.00	\$119,600.00
THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	NM	5.000	\$4,500.00	\$22,500.00
THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	NM	2.500	\$4,500.00	\$11,250.00
<b>Subtotal</b>				<b>\$2,446,240.88</b>
<b>Pages Dairy Road - added left turn lane and area west of Felmor Road</b>				
CLEARING AND GRUBBING	AC	1.1	\$14,000.00	\$15,427.00
REGULAR EXCAVATION	CY	500.0	\$6.50	\$3,250.00
EMBANKMENT	CY	500.0	\$6.70	\$3,350.00
MILLING EXIST ASPH PAVT (3" AVG DEPTH)	SY	1,333.3	\$2.60	\$3,466.67
SUPERPAVE ASPHALTIC CONC (TRAFFIC C)(PG 82-22)(1.5")	TN	261.1	\$100.00	\$26,111.25
ASPHALT CONC FRICTION COURSE, INC BIT FC-12.5, (PG 76-22)	TN	316.1	\$150.00	\$47,421.00
OPTIONAL BASE GROUP 9	SY	1,832.0	\$17.00	\$31,144.00
OPTIONAL BASE GROUP 1	SY	667.0	\$16.00	\$10,672.00
TYPE B STABILIZATION	SY	3,832.0	\$3.60	\$13,795.20
PERFORMANCE TURF, SOD	SY	3,333.3	\$4.00	\$13,333.33
THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	NM	0.400	\$4,500.00	\$1,800.00
THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	NM	0.200	\$4,500.00	\$900.00
<b>Subtotal</b>				<b>\$148,643.45</b>
<b>Felmor Road</b>				
CLEARING AND GRUBBING	AC	0.3	\$14,000.00	\$4,878.79
REGULAR EXCAVATION	CY	300.0	\$6.50	\$1,950.00
EMBANKMENT	CY	300.0	\$6.70	\$2,010.00
MILLING EXIST ASPH PAVT (3" AVG DEPTH)	SY	733.3	\$2.60	\$1,906.67
SUPERPAVE ASPHALTIC CONC (TRAFFIC C)(PG 82-22)(1.5")	TN	83.4	\$100.00	\$8,340.75
ASPHALT CONC FRICTION COURSE, INC BIT FC-5, (PG 88-22)	TN	101.6	\$150.00	\$15,233.63
OPTIONAL BASE GROUP 9	SY	278.0	\$17.00	\$4,726.00
OPTIONAL BASE GROUP 1	SY	220.0	\$16.00	\$3,520.00
TYPE B STABILIZATION	SY	806.7	\$3.60	\$2,904.00
PERFORMANCE TURF, SOD	SY	944.4	\$4.00	\$3,777.78
THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	NM	0.200	\$4,500.00	\$900.00
THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	NM	0.100	\$4,500.00	\$450.00
<b>Subtotal</b>				<b>\$41,758.82</b>
<b>Total</b>				<b>\$2,636,643.15</b>
MOT				\$210,931.45
Mobilization				\$210,931.45
Contingency 20%				\$611,701.21
<b>Final Total</b>				<b>\$3,670,207.27</b>

**CONTRACT FEE SUMMARY FORMAT FOR DEPT. OF PUBLIC WORKS  
NASSAU COUNTY, FLORIDA**

PART I - GENERAL				
<b>1. Project</b> Pages Dairy Road Widening			<b>2. Contract Number</b> Bid No. NC16-020	
<b>3. Name of Consultant</b> Connelly & Wicker Inc.			<b>4. Date of Proposal</b> 05/01/17	
PART II - LABOR RELATED COSTS				
<b>5. Direct Labor</b>	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Chief Engineer	\$223.83	21	\$ 4,700.43	
Project Manager/EOR	\$116.49	21	\$ 2,446.29	
Engineer	\$109.24	74	\$ 8,083.76	
Sr. Designer	\$74.59	53	\$ 3,953.27	
Designer	\$64.38	21	\$ 1,351.98	
Sr. Technician	\$75.48	21	\$ 1,585.08	
<b>TOTAL</b>	\$104.84	211		\$22,120.81
<b>6. Overhead (Combined Fringe Benefit &amp; Administrative)</b>				
Overhead Rate			Total Direct Labor	-
<b>7. SUBTOTAL: Labor + Overhead (Items 5 &amp; 6)</b>			-	
<b>8. PROFIT: Labor Related Costs (Item 7)</b>			(Labor + Overhead)	
			-	
PART III - OTHER COSTS				
<b>9. Miscellaneous Direct Costs</b>				
Transportation			\$ 0.00	
Permit Fee			\$ 0.00	
Reproduction			\$ 0.00	
Shipping & Mail			\$ 0.00	
<b>MISCELLANEOUS DIRECT COSTS SUB-TOTAL</b>				\$0.00
<b>10. Sub Consultants</b>				
	DRMP, Inc.		\$ 18,251.20	See Attachment
	Universal Engineering Sciences		\$ 2,489.06	See Attachment
	Environmental Services, Inc.		\$ 19,100.00	See Attachment
<b>SUB-CONSULTANT SUB-TOTAL</b>				\$39,840.26
<b>TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)</b>				\$61,961.07
<b>11. REIMBURSABLE COSTS (Limiting Amount)</b>				
	Post Design Services		\$ 0.00	
<b>SUB-TOTAL REIMBURSABLES</b>				\$0.00
PART IV - SUMMARY				
<b>TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)</b> (Items 5 and 10)				\$61,961.07

ESTIMATE OF WORK EFFORT AND FEE FOR  
CONSTRUCTION PLANS

CONSULTANT: Connelly & Wicker Inc. Contract Number: Bid No. NC16-020 Prepared: August 31, 2016 Estimator's Name: Waltermeyer	NAME OF PROJECT: Pages Dairy Road Widening BETWEEN: Chester Road AND: Felmor Road LENGTH:
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No. / ACTIVITY	Chief Engineer		Project Manager/EOR		Engineer		Sr. Designer		Designer	
	RATE = \$223.83		RATE = \$116.49		RATE = \$109.24		RATE = \$74.59		RATE = \$64.38	
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST
113 Plan Prep.	21	\$4,700.43	21	\$2,446.29	74	\$8,083.76	53	\$3,953.27	21	\$1,351.98
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
114 Permitting	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
115 Post Design Services	8	\$1,790.64	16	\$1,863.84	16	\$1,747.84	24	\$1,800.48	20	\$1,287.60
<b>TOTAL</b>	<b>29</b>	<b>\$6,491.07</b>	<b>37</b>	<b>\$4,310.13</b>	<b>90</b>	<b>\$9,831.60</b>	<b>77.1383</b>	<b>\$5,753.75</b>	<b>41</b>	<b>\$2,639.58</b>

No. / ACTIVITY	Sr. Technician		0		MAN	SALARY	AVG.	SALARY
	RATE = \$75.48		RATE = \$0.00		HOURS	COST	HOURLY	COST
	MAN HOURS	LABOR COST	MAN HOURS	LABOR COST	BY ACTIVITY	COST BY ACTIVITY	COST	DIST. %
113 Plan Prep.	21	\$1,585.08	0	\$0.00	211	\$22,120.81	\$104.84	68.9
109 Drainage Design	0	\$0.00	0	\$0.00	0	\$0.00	\$0.00	0.0
114 Permitting	0	\$0.00	0	\$0.00	0	\$0.00	\$0.00	0.0
115 Post Design Services	20	\$1,509.60	0	\$0.00	0	\$10,000.00	#DIV/0!	31.1
<b>TOTAL</b>	<b>41</b>	<b>\$3,094.68</b>	<b>0</b>	<b>\$0.00</b>	<b>211</b>	<b>\$32,120.81</b>	<b>\$152.23</b>	<b>100.0</b>

MISCELLANEOUS DIRECT COST

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road Widening  
 BETWEEN: Chester Road  
 AND: Felmor Road

ITEM DESCRIPTION						ITEM TOTAL	COMMENTS
Drafting Medium: (Original Reproducibles)							
12 Sheets @ \$ - Per Sheet =						\$0.00	
Reproduction (Blue Line & Sepias)		<u>Blue Line</u>	<u>(11x17)</u>	<u>Photocopy</u>			
				Sheets			
				Sheets			
60%		0	0	0	Sheets	5 Sets	
90%		0	0	0	Sheets	5 Sets	
100%		0	0	0	Sheets	5 Sets	
Bid Submittal		0	0	0	Sheets	30 sets Bid Docs	
	Total Sheets	0	0	0			
Cost:	Blue Line	0	Sheets @	\$1.25 =		\$0.00	
	(11 x 17) Photocopy	0	Sheets @	\$0.19 =		\$0.00	
	(8.5 x 11) Photocopy	0	Sheets @	\$0.13 =		\$0.00	
Travel From: [Consultant Office Location]							
To Project:	# Trips						
Transport.	0 x	0	miles x	\$0.500	per mile*	\$0.00	
To County Offices:	# Trips						
Transport.	0 x	0	miles x	\$0.500	per mile*	\$0.00	
To Other Locations:	# Trips						
Transport.	0 x	0	miles x	\$0.500	per mile*	\$0.00	Utility Coordination
						\$0.00	
Other (Community Meeting Displays):						\$0.00	
Permit Application Fees						\$0.00	
Shipping Est. 6 deliveries at \$25.00 each						\$0.00	
Regular Mail						\$0.00	
Registered Mail 0 Mailings @ \$5.00 each						\$0.00	
<b>TOTAL COST</b>						<b>\$0.00</b>	

SUMMARY OF MANHOOR REQUIREMENTS

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road Widening  
 BETWEEN: Chester Road  
 AND: Felmor Road

ITEM	NO. OF SHEETS	TOTAL MANHOURS	COMMENTS
113 Plan Prep.	11	211.0	
109 Drainage Design	1	0.0	
114 Permitting	0	0.0	
115 Construction Administraion	0	0.0	
Field Review			Included in Above Items
Plans Checking			Included in Above Items
<b>TOTAL</b>	<b>12</b>	<b>211.0</b>	<b>17.6 Hours/Sheet (Excluding Permitting)</b>

SUPPLEMENTAL DESIGN SURVEY PARTIES			
	SIZE OF PARTY	PARTY DAYS	
	3-Man	0.000	
	4-Man		
TOTAL NUMBER OF PARTY DAYS			



PLANS PREPARATION

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road Widening  
 BETWEEN: Chester Road  
 AND: Felmor Road

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
113 Plan Prep.	1"=						
Key Map & Index of Dwgs		Sheet	0	0	0.00	0.00	
Typical Sections		Sheet	2	2	12.00	24.00	
Summary of Quantities		Sheet	0	0	0.00	0.00	
Plan (Design)	40	Sheet	2	2	24.00	48.00	
Construction Details		Sheet	0	0	0.00	0.00	
Project Layout		Sheet	0	0	0.00	0.00	
General Notes		Sheet	0	0	0.00	0.00	
Geotechnical Plans		Sheet	0	0	0.00	0.00	
Drainage Cross Sections		Sheet	0	0	0.00	0.00	
Cross Sections		Sheet	6	3	6.00	36.00	
Stormwater Pollut. Prevent. Plans		Sheet	0	0	0.00	0.00	
M.O.T. - Notes		Sheet	1	0	6.00	12.00	
M.O.T. - Plans (incl. Typ. Sections)		Sheet	1	1	12.00	12.00	
Signing and Marking Plans	40	Sheet	2	2	12.00	24.00	
Signalization Plans		Sheet	0	0	0.00	0.00	
Tree Mitigation Plans		Sheet	0	0	0.00	0.00	
Quantity Take-Off		L.S.	0	0	0.00	0.00	
Review Comments		L.S.	0	0	0.00	0.00	
Cost Estimates		Each	0	0	0.00	0.00	
Pavement Design		L.S.	0	0	0.00	0.00	
Bid Specifications		L.S.	0	0	0.00	0.00	
Meetings w/ Project Manager		Each	2	0	5.00	10.00	Concept meetings
Concept Exhibits/Design		Each	1	0	5.00	24.00	
Community Meeting		Each	0	0	0.00	0.00	
Meetings w/ Subconsultants		L.S.	1	0	5.00	5.00	Environmental Services, Universal
Field View (Plans in hand)		Each	0	0	0.00	0.00	
Utility		Sheet		0		0.00	From Sheet 6
Drainage		Sheet		1		16.00	From Sheet 6
<b>ROADWAY PLANS TOTALS</b>				11		211.00	Includes Sheet and Manhours for Sheets 6 & 7

PLANS PREPARATION

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road Widening  
 BETWEEN: Chester Road  
 AND: Felmor Road

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
113 Utility	1"=						
Utility Adjustment Plans	40'	Sheet	0	0	0.00	0.00	
Water Main		Sheet	0	0	0.00	0.00	
Water & Sewer Design Services		L.S.	0	0	0.00	0.00	
Street Lighting Plans		Sheet	0	0	0.00	0.00	
Coord. w/ Utilities		L.S.	0	0	0.00	0.00	
UTILITIES TOTALS				0		0.00	Include These Totals in Roadway Plans Preparation on Sheet 6

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
109 Plan Prep.	1"=						
Drainage Map		Sheet	0	0	0.00	0.00	
Additional Drainage Maps		Sheet	0	0	0.00	0.00	
Attend meeting		Each	0	0	0.00	0.00	
Drainage Design - Urban		L.S.	0	0	0.00	0.00	
Drainage Design - Rural		L.S.	1	0	8.00	8.00	
Drainage Design - Outfall		L.S.	0	0	0.00	0.00	
Drainage Design - Roundabouts		Sheet	0	0	0.00	0.00	
Drainage Struct. - Rural		Sheet	1	1	8.00	8.00	
Drainage Struct. - Urban		Sheet	0	0	0.00	0.00	
Summary - Drainage Struct		Sheet	0	0	0.00	0.00	
Ret/Det Basins		Sheet	0	0	0.00	0.00	
SIRWMD Pond Design		L.S.	0	0	0.00	0.00	
Collect MSMP info		L.S.	0	0	0.00	0.00	
Conceptual Drainage Study		L.S.	0	0	0.00	0.00	
DRAINAGE TOTALS				1		16.00	Include These Totals in Roadway Plans Preparation on Sheet 6

PERMITTING AND ENVIRONMENTAL

CONSULTANT: Connelly & Wicker Inc.  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016

NAME OF PROJECT: Pages Dairy Road Widening  
 BETWEEN: Chester Road  
 AND: Felmor Road

ITEM	SCALE	UNIT	NO. OF UNITS	NO. OF SHEETS	M-H PER UNIT	TOTAL MANHOURS	COMMENTS
114 Permitting/Environmental	1"=						
Permit Investigation		LS	0	0	0.00	0.00	
Integration of Park Plans		LS	0	0	0.00	0.00	
Integration of Park Envir. Data		LS	0	0	0.00	0.00	
SJRWMD		Each	0	0	0.00	0.00	
Corps of Engineers		LS	0	0	0.00	0.00	
Fla. Dept. of Transportation		LS	0	0	0.00	0.00	
City of Jacksonville MOT approval		LS	0	0	0.00	0.00	
NPDES		LS	0	0	0.00	0.00	
Permit Acquisition Assessment		Study	0	0	0.00	0.00	
SJRWMD water quality study		Project	0	0	0.00	0.00	
Wetland Impact Assess. Coord.		LS	0	0	0.00	0.00	
Tree Avoidance & Protection Alts.		Study	0	0	0.00	0.00	
Coord. W/ Arborist & Surveyor		Study	0	0	0.00	0.00	
PERMITTING AND ENVIRONMENTAL TOTALS			0	0		0.00	



**SUPPLEMENTAL DESIGN SURVEYS**

Surveyor:  
 Contract Number: Bid No. NC16-020  
 Prepared: August 31, 2016  
**SURVEY PARTY DAY RATES:**

NAME OF PROJECT: Pages Dairy Road Widening  
 BETWEEN: Chester Road  
 AND: Felmor Road  
 CREW RATE = \$965.30

ITEM	3-MAN DAYS	4-MAN DAYS	3-MAN COST	4-MAN COST	TOTAL COST	COMMENTS
Design Survey						
Baseline Control	0.000		\$965.30		0.00	
Alignment	0.000		\$965.30		0.00	
Target Placement	0.000		\$965.30		0.00	
Reference Points	0.000		\$965.30		0.00	
Section Line Ties	0.000		\$965.30		0.00	
Property / Subdivision Ties	0.000		\$965.30		0.00	
Side Street Intersections	0.000		\$965.30		0.00	
Topography	0.000		\$965.30		0.00	
Bench Levels	0.000		\$965.30		0.00	
Roadway Cross-Sections	0.000		\$965.30		0.00	
Underground Utilities	0.000		\$965.30		0.00	
Bridge Data Survey	0.000		\$965.30		0.00	
Stake-Out for Borings	0.000		\$965.30		0.00	
Drainage Survey	0.000		\$965.30		0.00	
Tree Survey	0.000		\$965.30		0.00	
<b>SURVEY PARTY DAY TOTALS</b>	0.000	0	--	\$0.00	\$0.00	
<b>OFFICE SUPPORT</b>	<b>UNIT</b>	<b>NO. OF UNITS</b>	<b>COST/ UNIT</b>	<b>COST/ ITEM</b>	<b>TOTAL COST</b>	
Surveyor	Hour	0	\$120.48	0		
Technician	Hour	0	\$68.83	0		
<b>TOTAL</b>					<b>\$0.00</b>	
<b>ITEM</b>	<b>SCALE</b>	<b>UNIT</b>	<b>NO. OF UNITS</b>	<b>M/H PER UNIT</b>	<b>TOTAL MANHOURS</b>	<b>TOTAL COST</b>
<b>RIGHTS-OF-WAY</b>	1"=					
Right-of-Way Map Updates		Sheet	N/A		0	\$0.00
Legal Description Updates		Each	N/A		0	\$0.00
<b>RIGHTS-OF-WAY TOTALS</b>					<b>0</b>	<b>\$0.00</b>
<b>TOTAL SURVEYS, PHOTOGRAPHY &amp; RIGHTS-OF-WAY</b>					Prepared : 09/21/01	<b>\$0.00</b>

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: Project Dany/Chester Road Widening - Pages Daily Project  
 County: Nassau  
 FPN: N/A  
 FAP No.: 0  
 Consultant Name: DRMP, Inc.  
 Consultant No.: 00000000000000000000  
 Date: 3/26/2017  
 Estimator: Glenn J. Luczynski, D.S.E.

Staff Classification	Total Staff Hours From Summary - SH	Project Manager	Senior Surveyor & Mapper	Surveyor & Mapper	Survey Technician	Secretary / Clerk	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH	Salary	Average Rate Per Task
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Structures - Misc. Tasks, Dwg., Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16. Structures - Truss Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27. Survey (Field & Office Support)	46	0	0	16	28	2	0	0	0	0	0	0	0	46	\$4,838	\$105.18
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31. Aerialborne Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32. Noise Barrier Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total Staff Hours</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>28</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>\$4,838.40</b>	<b>\$105.18</b>

Check # 34,638.40

OPERATING MARGIN: 0%

FOOD (Facilities/Client Cost Money): 3.00%

EXPENSES: 3-man crew days @ 1,037.00 / day

Survey (Field - It by Prime) 5.40

SUE Services 1.80

SUBTOTAL ESTIMATED FEE: \$3,489.76

Subconsultant: Enter Name Sub 1 \$14,251.20

Subconsultant: Sub 2 50.00

Subconsultant: Sub 3 50.00

Subconsultant: Sub 4 50.00

Subconsultant: Sub 5 50.00

Subconsultant: Sub 6 50.00

Subconsultant: Sub 7 50.00

Subconsultant: Sub 8 50.00

Subconsultant: Sub 9 50.00

Subconsultant: Sub 10 50.00

Subconsultant: Sub 11 50.00

Subconsultant: Sub 12 50.00

SUBTOTAL ESTIMATED FEE: \$14,251.20

Geotechnical Field and Lab Testing 50.00

SUBTOTAL ESTIMATED FEE: \$14,251.20

Optional Services 50.00

GRAND TOTAL ESTIMATED FEE: \$14,251.20

Salary Related Costs:

OVERHEAD: 0%

OPERATING MARGIN: 0%

FOOD (Facilities/Client Cost Money): 3.00%

EXPENSES: 3-man crew days @ 1,037.00 / day

SUE Services 1.80

SUBTOTAL ESTIMATED FEE: \$3,489.76

Subconsultant: Enter Name Sub 1 \$14,251.20

Subconsultant: Sub 2 50.00

Subconsultant: Sub 3 50.00

Subconsultant: Sub 4 50.00

Subconsultant: Sub 5 50.00

Subconsultant: Sub 6 50.00

Subconsultant: Sub 7 50.00

Subconsultant: Sub 8 50.00

Subconsultant: Sub 9 50.00

Subconsultant: Sub 10 50.00

Subconsultant: Sub 11 50.00

Subconsultant: Sub 12 50.00

SUBTOTAL ESTIMATED FEE: \$14,251.20

Geotechnical Field and Lab Testing 50.00

SUBTOTAL ESTIMATED FEE: \$14,251.20

Optional Services 50.00

GRAND TOTAL ESTIMATED FEE: \$14,251.20

27. Survey

Estimator: Bill Faust

Pages Dairy/Chester Road Widening - Pages Dairy Project

N/A

Representing	Print Name	Signature / Date
Consultant Name	Glenn J. Lusink, PSM	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.1	Horizontal Project Control (HPC)									Extend horizontal geodetic control points throughout the project.
	2-Lane Roadway	Mile	0.25	1.00	0.25	1.25	0.31	3.00	0.75	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.2	Vertical PC / Bench Line									Extend vertical control points throughout project at 1000' (feet) intervals. This includes secondary vertical control throughout the project.
	2-Lane Roadway	Mile	0.25	1.00	0.25	1.25	0.31	3.00	0.75	
	Multi-lane Roadway	Mile			0.00		0.00		0.00	
	Interstate	Mile			0.00		0.00		0.00	
27.3	Alignment and Existing R/W Lines	Mile	1.00	1.00	1.00	1.25	1.25	5.00	6.00	Extend the baseline of survey of the Pages Dairy Road and Felmor roads. On Pages Dairy Road we will need to establish the forward tangent for curve (PC Sta. 97+33.42-PT Sta. 102+04.40)
27.4	Aerial Targets			Units/Day						N/A
	2-Lane Roadway	EA			0.00		0.00		0.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
27.5	Reference Points	"A"		Units/Day						Stake baseline of survey and set references along mainline Pages Dairy within the project limits at PC's, PT's, PI's, POT and at 1000' (feet) intervals.
	2-Lane Roadway	EA	1.00	1.00	1.00	1.25	1.25	3.00	3.00	
	Multi-lane Roadway	EA			0.00		0.00		0.00	
	Interstate	EA			0.00		0.00		0.00	
	Reference Points	"B"		Units/Day						
	Non Alignment Points/Approximate	EA			0.00		0.00		0.00	

27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.6	Topography/DTM (3D)									Extend 3D DTM survey along Pages Dairy Road for 725 feet and along Falmor Road for 340. Topo limits will be R/W to R/W.
		Mile	1.00	2.00	2.00	1.25	2.50	4.00	8.00	
27.7	Planimetric (2D)									N/A
		Mile			0.00		0.00		0.00	
27.8	Roadway Cross-Sections/Profiles									N/A
		Mile			0.00		0.00		0.00	
27.9	Side Street Surveys									See 27.7
		Mile			0.00		0.00		0.00	
27.10	Underground Utilities									Extend Subsurface Utility Engineering services, to include designation along Pages Dairy Road and Falmor Road 1,065' on (3 utility at 3,195'). 1 day budgeted. Locates include 3 test holes (VWt's), 0.6 day budgeted.
	Designates	Mile/Ste	1.00	1.00	1.00	1.25	1.25	3.00	3.00	
	Locates	Point	3	0.20	0.60	1.25	0.75	3.00	1.80	
	Survey		35%	1.60	0.56	1.25	0.71	4.00	2.26	
27.11	Outfall Survey									
		Mile			0.00		0.00		0.00	
27.12	Drainage Survey			Units/Day						N/A
		EA			0.00		0.00		0.00	
27.13	Bridge Survey									N/A
	Minor / Major	EA			0.00		0.00		0.00	
27.14	Channel Survey									N/A
		EA			0.00		0.00		0.00	



27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
27.15	Pond Site Survey									N/A
		EA			0.00		0.00		0.00	
27.16	Mitigation Survey									N/A
		Mile			0.00		0.00		0.00	
27.17	Jurisdiction Line Survey									N/A
		Mile			0.00		0.00		0.00	
27.18	Geotechnical Support			Units/Day						N/A
		EA			0.00		0.00		0.00	
27.19	Sectional / Grant Survey									N/A
		Corner			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.20	Subdivision Location									N/A
		Block			0.00		0.00		0.00	
27.21	Maintained R/W									N/A
		Mile			0.00		0.00		0.00	
27.22	Boundary Survey									N/A
		EA			0.00		0.00		0.00	
27.23	Water Boundary Survey									N/A
		EA			0.00		0.00		0.00	
27.24	R/W Staking / R/W Line									N/A
		EA			0.00		0.00		0.00	
		Mile			0.00		0.00		0.00	
27.25	R/W Monumentation									N/A
		Point			0.00		0.00		0.00	
27.26	Line Cutting									N/A
		Mile			0.00					
27.27	Work Zone Safety									MOT as required
			0.125	6.66	0.83					
27.28	Miscellaneous Surveys									Miscellaneous Surveys days for additional survey services if needed at the discretion of the District PM & Design Engineer. (Limiting Amount)
					0.00		0.00		0.00	

27. Survey

Task No.	Task	Units	No of Units	Field Crew Days/Unit	Crew Days	Field Support Hours / Crew Days	Field Support Hours	Office Support Hours / Crew Days	Office Support Hours	Comments
<b>Survey Subtotal</b>				<b>Crew Days</b>	<b>7.50</b>	<b>Field Support Hours</b>	<b>8</b>	<b>Office Support Hours</b>	<b>26</b>	
27.29	Supplemental Surveys			7.50	0		0		0	THE % FOR SUPPLEMENTAL WILL BE DETERMINED AT NEGOTIATIONS. THIS ITEM CAN ONLY BE USED IF AUTHORIZED IN WRITING BY THE DISTRICT SURVEYOR
27.30	Document Research	Units	4.00						4	Provide document research for the existing utility records.
27.31	Field Reviews	Units	4.00						4	
27.32	Technical Meetings	LS							0	
27.33	Quality Assurance / Quality Control	LS						5%	1	
27.34	Supervision	LS						5%	2	
27.35	Coordination	LS						3%	1	
<b>27. Survey Total</b>				<b>Crew Days</b>	<b>7.50</b>	<b>Field Support Hours</b>	<b>8</b>	<b>Office Support Hours</b>	<b>38</b>	

SPLS =  
 PLS =  
 Office Support =  
 Total Hours = 46

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	0	0.00	0		0
Baseline Approval Review	EA	0	0.00	0		0
Network Control Review	EA	0	0.00	0		0
Vertical Control Review	EA	0	0.00	0		0
Local Governments (cities, counties)	EA	0	0.00	0		0
Final Submittal Review	EA	0	0.00	0		0
Other Meetings	EA	1	4.00	4		0
<b>Subtotal Technical Meetings</b>				<b>4</b>	<b>Subtotal PM Meetings</b>	<b>0</b>
Progress Meetings (if required)	EA	2	4.00	8	--	--
Phase Review Meetings	EA	0	0.00	0	**	--
<b>Total Meetings</b>				<b>12</b>	<b>Total PM Mtgs (carries to Tab 3)</b>	<b>0</b>

Note:  
 Survey crew days are based on a 3 Man (10 hour day)

Carries to Tab 3

Carries to Tab 3

\*\* Project Manager attendance at progress, phase and field review meetings are manually entered on General Task 3

UNIVERSAL ENGINEERING SCIENCES

WORK AUTHORIZATION / PROPOSAL ACCEPTANCE FORM

Universal Engineering Sciences, Inc. (UES) is pleased to provide the services described below. The purpose of this document is to describe the terms under which the services will be provided and to obtain authorization.

PROJECT NAME: Pages Dairy Road Widening - Additional Services
PROJECT LOCATION: Nassau County, Florida
CLIENT NAME: Mr. Will Lanier, P.E. DATE: April 3, 2017
CLIENT ADDRESS: 10060 Skinner Lake Drive - Suite 500 PHONE NO.: 904/265-3030
Jacksonville, Florida 32246 EMAIL: wlanier@ewieng.com

I. Scope of Services and Understanding of Project

Perform five additional auger borings along Pages Dairy Road and three borings along Felmer Road to depths of five feet. Obtain one additional bulk sample for LBR testing and one additional bulk sample for corrosion testing. Services to be performed at the same time as the services already authorized and results to be included in a single report in accordance with our existing subcontract.

UES Proposal No. 1442247
estimated fee - \$2,489.06 (see attached Fee Schedule)

- II. Contract Documents. The following documents form part of this Agreement and are incorporated herein by referral:
A. UES General Conditions
B. UES Proposal Dated: April 3, 2017
C. Plans, reports, specifications and other documents provided by the Client prior to this Agreement date.
D. Other exhibits marked and described as follows:

In the event of any inconsistency or conflict among the Contract Documents, the provision in the Contract Document first listed above shall govern.

III. Authority to proceed and for payment. (To be completed by Client)

If the above invoice is to be mailed for approval to someone other than the account charged, please indicate where below:

Firm: Social Security No. or Federal Identification No.:
Address:
Attention: Title:

IN WITNESS WHEREOF, the parties have caused this agreement to be executed by their duly authorized representatives

CLIENT UNIVERSAL ENGINEERING SCIENCES, INC.
BY (Signature) BY (Signature)
PRINTED NAME Stephen R. Weaver, P.E.
TITLE Geotechnical Services Manager
DATE April 3, 2017

RETURN EXECUTED COPIES TO
UNIVERSAL ENGINEERING SCIENCES, INC.
5561 FLORIDA MINING BOULEVARD SOUTH, JACKSONVILLE, FLORIDA 32257-3648
TELEPHONE: 904.296.0757 / FAX: 904.296.0748



**FEE SCHEDULE**

**Geotechnical Exploration  
Palges Dalry Road Widening**

**Nassau County, Florida  
UES Proposal No.  
09/01/16**

Task	Quantity	Units	Fee Per Unit	Estimated Fee
<b>GEOTECHNICAL PROFESSIONAL SERVICES</b>				
Senior Engineer	2	hour(s)	\$121.64	\$243.28
Project Engineer	4	hour(s)	\$111.77	\$447.08
Engineering Intern	0	hour(s)	\$72.71	\$0.00
Technical Secretary	0	hour(s)	\$40.00	\$0.00
Drafting	1	hour(s)	\$61.42	\$61.42
Senior Engineering Technician - Utility Locates	1	hour(s)	\$66.64	\$66.64
Subtotal:				<b>\$818.42</b>
<b>GEOTECHNICAL DRILLING SERVICES</b>				
Mobilization Crew and Equipment	0	each	\$400.00	\$0.00
Mobilization - Portable Equipment	0	each	\$800.00	\$0.00
Mobilization - Core Rig	0	each	\$110.00	\$0.00
Police/vehicle (2 persons @ 8 hours)	0	hours	\$60.00	\$0.00
Truck Mounted Attenuator	0	hours	\$250.00	\$0.00
SPT Borings - Truck 0-50	0	feet	\$11.00	\$0.00
SPT Borings - Portable Equipment 50-75	0	feet	\$18.00	\$0.00
Static Cone Penetrometer	0	feet	\$14.00	\$0.00
Auger Borings (8 @ 5 ft)	40	feet	\$9.50	\$380.00
Grout	0	feet	\$5.00	\$0.00
Senior Engineering Technician (Base Thickness)	1	hours	\$66.64	\$66.64
Obtain 6-inch Shelby Tube	0	each	\$25.00	\$0.00
Double Ring / Field Cased Perm	0	each	\$450.00	\$0.00
Asphalt Cores	4	each	\$60.00	\$240.00
Subtotal:				<b>\$686.64</b>
<b>GEOTECHNICAL LABORATORY TESTING</b>				
Particle Size Analysis	3	each	\$70.00	\$210.00
Organic Content	2	each	\$35.00	\$70.00
Moisture Content	3	each	\$8.00	\$24.00
Atterberg Limits	2	each	\$100.00	\$200.00
LBR	1	each	\$275.00	\$275.00
Chloride content	1	each	\$75.00	\$75.00
sulfate content	1	each	\$50.00	\$50.00
pH	1	each	\$25.00	\$25.00
resistivity	1	each	\$55.00	\$55.00
Subtotal:				<b>\$984.00</b>
<b>TOTAL:</b>				<b>\$2,489.06</b>



ENVIRONMENTAL SERVICES, INC.

**PROPOSAL FOR ADDITIONAL SERVICES  
ESI PROJECT NO. EJ16279.01**

The following Contract for Services is an agreement between Environmental Services, Inc., (ESI) and Connelly & Wicker, Inc., (Client) with the terms specified herein. Client agrees that the company/individual signing this agreement has the ability to compensate ESI for the work described herein whether or not the proposed project materializes. ESI agrees to perform the following tasks for the associated fee.

**Project Name: Pages Dairy Road Widening**  
**Project Location: Nassau County, Florida**

**SCOPE OF SERVICES**

**FEE**

**Task 3. Wetland Delineation (Additional Right of Way) \$1,100.00**

ESI will field delineate the limits of jurisdictional wetlands pursuant to the current methodologies of the U.S. Army Corps of Engineers [(ACOE) 2010 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0)], Florida Department of Environmental Protection (FDEP) and St. Johns River Water Management District [(SJRWMD) Florida Unified Wetland Delineation Methodology, Chapter 62-340, F.A.C.]. We will provide you and your chosen land surveyor with a flagging key map showing the approximate location of the jurisdictional line.

*This task does not include the formal mapping of the wetland boundary. A licensed land surveyor must perform this mapping.*

**Task 4. Environmental Permitting (Total Pages Dairy Road Widening Project) \$18,000.00**

ESI in collaboration with CWI, will prepare and submit permit applications to SJRWMD and ACOE, to address project impacts to jurisdictional wetlands or surface waters. We will also address potential requests for additional information from the agencies, conduct field reviews with the agencies if requested, and develop an appropriate mitigation plan.

Additional services not specifically addressed herein will be invoiced on a time and materials basis at standard ESI hourly rates. We will provide you with a written proposal for these tasks if, or when, they become necessary. We are prepared to proceed upon receipt of the signed contract.

ENVIRONMENTAL SERVICES, INC.

**Project Name:** Pages Dairy Road Widening - Additional Services (EJ16279.01)  
**Project Location:** Nassau County, Florida

Task 3: Wetland Delineation (Additional R.O.W.) Fee: \$1,100.00  
Task 4: Environmental Permitting (Total Road Widening Project) Fee: \$18,000.00

**TERMS:**

- ESI will complete the work described above in a timely manner unless delayed by Client's request, lack of information, or intervening factors beyond our control.
- Client assures ESI that it has permission to work on the subject property and will advise ESI of proper procedures for accessing subject property.
- ESI will maintain a minimum \$1,000,000 errors and omissions (professional liability) insurance; \$1,000,000 per occurrence and \$2,000,000 aggregate general liability insurance for the duration of the project. If any additional insurance requirements are necessary, please return the specifications with the signed proposal. They will become a part of this contract as agreed by both parties.
- Outside services and expenses such as subcontractors and special purchases will be invoiced with a handling fee of 15 percent.
- A retainer of \$0.00 is required; the retainer will be subtracted from the last invoice and is required by ESI to initiate work.
- Client will provide ESI with any special billing formats or considerations with the signed contract.
- Billing is done monthly. Payment is due immediately upon receipt of the invoice; after 30 days the Client agrees to pay 1.5 percent late fee per month or portion thereof on unpaid balances. Unpaid balances after 60 days from the date of the invoice may result in work stoppage until overdue accounts are resolved.
- Failure to pay within 60 days from the date of invoice will be considered by ESI to be a breach of contract, and ESI may cease work and withhold all work product immediately without penalty from the Client.
- Client agrees that this contract is an agreement between Client and ESI. Payment is due from Client at the time services are performed. Payment shall not be contingent upon regulatory action or upon resolution of any legal matter that ESI is not a party to. If ESI is being contracted to complete work which Client will use in a legal dispute, Client agrees to pay ESI in a timely manner without regard to the current standing of that legal dispute. ESI fees may not be incorporated into real estate closings without prior written consent from ESI.
- This agreement shall be governed by the laws of the State of Florida, United States. Any lawsuit, proceeding or action arising out of or relating to this agreement must be brought in any court of competent jurisdiction located within Duval County, Jacksonville, Florida. Each of the parties irrevocably submits and consents to the exclusive jurisdiction of such court in any such lawsuit, proceeding or action, and waives any defense or objection it may now or hereafter have to personal jurisdiction, venue, or inconvenient forum.
- ESI rates change on March 1 of each year.
- This proposal is valid for a period of 60 days following the date of issuance.

**TERMS ACCEPTED:**

ENVIRONMENTAL SERVICES, INC.

SIGNATURE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_

NAME: \_\_\_\_\_

Tim Hamilton

FIRM: \_\_\_\_\_

FIRM: \_\_\_\_\_

Environmental Services, Inc.

TITLE: \_\_\_\_\_

TITLE: \_\_\_\_\_

Senior Vice President/Technical Director

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

27 April 2017

BILLING ADDRESS AND CONTACT IF DIFFERENT FROM ABOVE:  
\_\_\_\_\_  
\_\_\_\_\_

TAH/smc/EJ279.01.proposalTask3&4.doc  
S:p032917f



ENVIRONMENTAL SERVICES, INC.

**ENVIRONMENTAL SERVICES, INC.  
SCHEDULE OF LABOR AND EXPENSE RATES**

<u>POSITION</u>	<u>RATE</u>	<u>EXPENSE</u>	<u>CHARGE</u>
<u>Technical</u>		<u>Additional Services</u>	
Assistant Scientist	\$40.00/Hour	GIS/CAD Usage	\$30.00/Hour
Environmental Technician	\$50.00/Hour	Global Positioning System	\$50.00/Day
Project Scientist	\$60.00/Hour	ATV Usage	\$50.00/Day
Senior Scientist	\$75.00/Hour	Boat Usage	\$100.00/Day
Senior Geologist	\$120.00/Hour	Local Courier Service	\$13.00/Delivery
Project Archaeologist	\$45.00/Hour	Outside Graphics	Cost + 15%
Senior Archaeologist	\$60.00/Hour	All Subcontracted Services	Cost + 15%
Historic Resource Specialist	\$80.00/Hour	<u>Travel</u>	
Sustainability Specialist	\$100.00/Hour	Vehicle Mileage Rate	\$0.54/Mile
Project Forester	\$90.00/Hour	Travel Expenses	Cost
Senior Forester	\$105.00/Hour	<u>Copies</u>	
Project Manager	\$100.00/Hour	Photocopy Per Page	\$0.15
Senior Manager	\$110.00/Hour	Color Copy Per Page	\$1.50 8 ½ x 11
Forest Biometrician	\$115.00/Hour		\$2.50 8 ½ x 14
SR Forest Biometrician	\$145.00/Hour		\$3.00 11 x 17
VP/Technical Director	\$145.00/Hour	Full Size Copy Per Page	\$2.00 24 x 36
SR VP/Technical Director	\$160.00/Hour		or 36 x 48 b/w
SR VP II/Technical Director	\$180.00/Hour		\$20.00 24 x 36
Principal	\$200.00/Hour		or 36 x 48 color
<u>Administrative</u>		Blueprints or Xerox Per Page	\$2.50
Receptionist	\$35.00/Hour	Aerial Photography	\$50 0 - 15 acres
Administrative Assistant	\$50.00/Hour		\$100 16 - 50 acres
Exec. Admin Assistant	\$70.00/Hour		\$200 51 - 100 acres
<u>Graphics</u>			\$300 101 - 999 acres
GIS/CAD Technician	\$60.00/Hour		\$500 1000+ acres
GIS/CAD Analyst	\$80.00/Hour		
GIS/CAD Manager	\$105.00/Hour		
GIS/CAD Senior Manager	\$110.00/Hour		

ENVIRONMENTAL SERVICES, INC.  
7220 Financial Way, Suite 100  
Jacksonville, FL 32256

Phone 904-470-2200 \* Fax 904-470-2112

[www.environmentalservicesinc.com](http://www.environmentalservicesinc.com)

27 April 2017

Mr. Danny Waltermyer  
Connelly & Wicker, Inc.  
10060 Skinner Lake Drive, Suite 500  
Jacksonville, Florida 32246

**RE: Pages Dairy Road Widening – Additional Services (EJ16279.01)  
Nassau County, Florida**

Dear Danny:

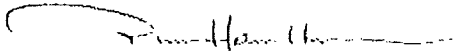
Thank you for contacting Environmental Services, Inc. (ESI). Pursuant to our recent conversation, ESI is pleased to enclose the attached proposal for additional services. This proposal is for an additional stretch of Pages Dairy Road, west of the previous work performed by ESI. Please note under our Terms section at the end of the proposal that, as the client, you assure ESI that we have permission to work on the property being evaluated and that you will advise us regarding the proper procedures for accessing the property.

If the attached meets your requirements, please approve by signing and returning the enclosed document to us by mail to the address above, by fax (904-470-2112) or via email ([thamilton@esinc.cc](mailto:thamilton@esinc.cc)). We are prepared to proceed upon receipt of the signed contract. We look forward to working with you.

Please contact me should you have any questions. Thank you for selecting ESI to assist with your environmental consulting needs.

Sincerely yours,

ENVIRONMENTAL SERVICES, INC.



Tim Hamilton  
Senior Vice President/Technical Director

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003-Admin-Proposal ESI2009-Final\_v3  
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11/8/2010



**AMENDMENT NUMBER 1 TO THE AGREEMENT FOR  
DESIGN SERVICES FOR THE PAGES DAIRY/CHESTER ROAD INTERSECTION  
IMPROVEMENT PROJECT, NASSAU COUNTY FLORIDA**

THIS AMENDMENT entered into this \_\_\_\_ day of \_\_\_\_\_, 2017 by and between the **BOARD OF COUNTY COMMISSIONERS OF NASSAU COUNTY, FLORIDA**, a political subdivision of the State of Florida, (hereinafter referred to as “County”) and **CONNELLY & WICKER, INC.**, located at 10060 Skinner Lake Drive, Suite 500, Jacksonville, FL 32246, (hereinafter referred to as “Consultant”).

**WHEREAS**, the parties entered into an Agreement dated November 21, 2016 for design services for the Pages Dairy/Chester Road Intersection Improvements Projects; and

**WHEREAS**, Article 12.2 of the agreement provides that this agreement may only be amended, supplemented, modified, changed or canceled by a duly executed written instrument; and

**WHEREAS**, the parties desire to amend the scope of service and fee proposal for the agreement.

**NOW, THEREFORE, FOR AND IN CONSIDERATION** of the mutual covenants and agreements herein contained, the parties hereto agree as follows:

1. Scope of Services for Design Services for Pages Dairy/Chester Road Intersection Improvements, Attachment A, shall be amended to include the following additional services:

**Chester Road Resurfacing Project**

Additional scope for the Chester Road Resurfacing Project includes:

- Additional resurfacing of 2000’ from Roses Bluff Road north to Blackrock Road.

Sub-consultant tasks include:

- Surveying
- Geotechnical

### **Chester Road at Pages Dairy Road Intersection Improvements**

The revised scope for the Chester Road at Pages Dairy Road Intersection

Improvements includes:

- Total of 3000' change from Rural Roadway to Urban Roadway on Chester Road
- Widening for 4' bike lanes and 5' keyhole lanes
- 6' sidewalk on both sides of Chester Road
- New roadway profile
- New drainage system
- Pond Design
- Permitting
- Wetland impacts
- Utilities
- Additional Survey
- Additional Corings/Borings

Sub-consultant tasks includes:

- Surveying
- Geotechnical
- Wetlands
- Permitting
- Signals

### **Pages Dairy Road Widening Project**

Additional Scope for Pages Dairy Road includes:

- Widening an additional 500' to the west of Felmor Road
- Add a right turn lane from Pages Dairy Road onto Felmor Road
- Add a right turn lane from Felmor Road onto Pages Dairy Road
- Add a left turn lane from Pages Dairy Road to Felmor Road

Sub-consultant tasks include:

- Surveying
- Geotechnical
- Wetlands

2. Fee Schedule, Attachment “B” shall be amended as follows:

Description	Original Contract Amount	Additional Services Amount	Amended Contract Amount
Chester Road Resurfacing Project	\$146,145.95	\$42,062.38	\$188,208.33
Chester Road at Pages Dairy Intersection	\$171,382.62	\$263,455.54	\$434,838.16
Pages Dairy Road Widening	\$371,078.83	\$61,961.07	\$433,039.90
Total(s)	\$688,607.40	\$367,478.99	\$1,056,086.39

3. Documents to support the additional scope and fee are attached hereto as Exhibit 1.
4. All other terms and conditions contained of the agreement shall remain in full force and effect.

[Signatures on next page]