

CS-17-133

**WORK AUTHORIZATION # CM2287-WA04
NASSAU COUNTY
BOARD OF COUNTY COMMISSIONERS
CONTINUING CONTRACT FOR PROFESSIONAL ENGINEERING SERVICES
RFQ/BID NO. NC14-026**

Consultant:	Peters & Yaffee, Inc.
Contract Number:	CM2287
Contact Name:	Dow W. Peters III, P.E.
Contact Number:	904-265-0751
Email:	dpeters@petersandyaffee.com

CURRENT WORK AUTHORIZATION			
Project Short Title: Davis Road Paving Feasibility Report			
		CONTRACT OVERVIEW	
Date Submitted	01/08/18	Total of Previous Authorizations	\$113,877.20
Amount	\$16,477.57	Change Orders/Adjustments	\$0
Scheduled Completion	January 15, 2018	This Work Authorization	\$16,477.57
		Current Contract Total	\$130,354.77

This Work Authorization is to the AGREEMENT between Nassau County and the Consultant known as the Continuing Contract for Professional Engineering Services for Nassau County, Florida, dated May 9, 2016. The services to be provided under this Work Authorization are as follows:

ARTICLE 1. Services Described as:

Peters and Yaffee, Inc. shall provide an opinion on the feasibility of paving Davis Road, which is a two-lane rural dirt roadway in Nassau County, Florida, pursuant to the scope of services dated January 8, 2018, attached hereto as Exhibit "A".

ARTICLE 2. Time Schedule

Peters and Yaffee, Inc. shall prepare and submit a final report on January 15, 2018.

ARTICLE 3. Budget

Peters and Yaffee, Inc. will perform the scope of services outlined herein for a lump sum fee of \$16,477.57, detailed in the estimate of work effort and fee, attached hereto as Exhibit "B".

Article 4. Other Provisions

The Services covered by this Work Authorization will be performed in accordance with the provisions set forth in the AGREEMENT referenced above and any of its attachments or schedules. This Work Authorization will become a part of the referenced AGREEMENT when executed by both parties.

In presenting this Work Authorization, Consultant agrees that:

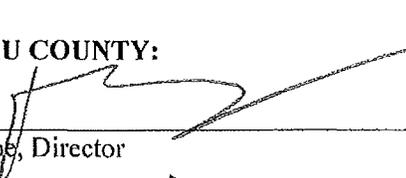
Unless detailed herein, all drawings, data, electronic files and other information required for this Work Authorization has been accepted by Consultant. Specifically, all electronic files have been reviewed and accepted for the purposes of this Work assignment. Any additional information, including detailed scope of services are attached.

AGREED TO BY:

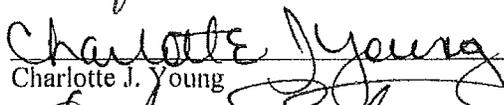
BY: 
Print Name: Dow W. Peters III
Title: President
Date: January 10, 2017

RECOMMENDED AND APPROVED BY NASSAU COUNTY:

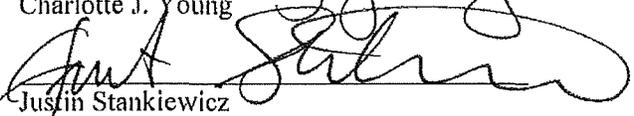
Planning & Economic Opportunity


Taco Pope, Director

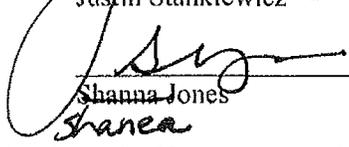
Contract Management:


Charlotte J. Young

Office of Management and Budget:


Justin Stankiewicz

County Manager:


Shanna Jones

APPROVED by the County Manager, Designee for Nassau County Board of County Commissioners, the 11th day of January, 2018.

Account Number: 03420541-531000

EXHIBIT A
SCOPE OF SERVICES
ENGINEERING SERVICES
FOR
Davis Road Paving Feasibility Report
NASSAU COUNTY, FLORIDA

January 8, 2018

A. PROJECT DESCRIPTION

1. The intent of this project is to render an opinion on the feasibility of paving Davis Road, which is a two lane rural dirt roadway in Nassau County, Florida.
2. The project limits are from east of Musslewhite Road along Davis Road for approximately 0.63 miles.
3. The scope of this report is based on the minimum design criteria set forth in the Nassau County Roadway and Drainage Standards (Ordinance NO.99-17 as amended in the Land Development Code and Chapter 29 – Subdivision and Development Review), the Manual on Uniform and Traffic Control Devices (MUTCD) and the Minimum Standards for Design and the Construction and Maintenance for Streets and Highways, commonly known as the “Florida Greenbook”. Drainage and permitting requirements will be determined by the criteria from St. Johns River Management District (SJRWMD). A Final Report will be provided to Nassau County and will include the following design topics:
 - a. Proposed Rural Typical Section
 - b. Pavement Design
 - c. Horizontal and Vertical Alignment
 - d. Clear Zone
 - e. Drainage Design
 - f. Environmental Permitting
 - g. Utility Accommodations
 - h. Traffic Operations and Safety

B. PROJECT SCOPE

1. Data Collection
 - a. *Project Plans and Reports* – The County shall provide all relevant information relating to the Davis Road corridor within the project limits as follows:

- i. Existing Right of Way and Property Maps
- ii. Existing Survey Data
- iii. Existing Geotechnical Plans and Reports
- iv. Existing Traffic Count Data
- v. Existing Crash Data.
- vi. Existing and Proposed Utility locates.
- vii. Existing Drainage data for Davis Road
- viii. Proposed and Existing Construction Plans for Davis Road

2. Project General Tasks

- a. *Project Schedule* – The Consultant shall prepare and submit a final report on January 15th, 2018.
- b. *Invoices* – Invoices shall be prepared in the format prescribed by the County and shall be submitted monthly.
- c. *Quality Assurance/Quality Control* – The Consultant shall designate appropriate staff to conduct Quality Assurance/Quality Control (QA/QC) reviews of all work products prior to submittals to the County.

C. PROJECT DELIVERABLES

The Consultant shall contact the County prior to making the final submission to verify the number of copies, format (PDF, copies etc.) and the appropriate recipients.

D. COMPENSATION

Peters and Yaffee, Inc. will perform the scope of services outlined herein for a lump sum fee of \$16,477.57. Fee amount is indicated in the table below:

Firm Name	Role	Fee Amount
Peters and Yaffee	Prime Consultant	\$16,477.57

TOTAL \$16,477.57

Services requested by Nassau County beyond those described in the scope of services will be considered to be additional services. Nassau County will agree to pay the CONSULTANT monthly, for work completed, on the basis of the "Loaded Billing Rates" negotiated in the Continuing Engineering Contract dated May 10, 2016. In such cases, direct project expenses are also reimbursable at cost.

E. COUNTY RESPONSIBILITIES

1. Documents – The County shall provide access to any available plans, maps, survey data and other pertinent information under its control essential to the satisfactory completion of the work indicated herein.

F. ASSUMPTIONS

1. This effort does not include any Contamination investigations or analysis. If areas are identified during the investigation, requiring further analysis, they will be addressed separately.
2. Utility relocation investigations or analysis are not included in this scope of work. If relocations and/or upgrades are identified, relocation design work will be addressed separately.
3. Wetland mitigation and/or threatened and endangered species mitigation efforts and/or estimations are not included in this scope of services. If necessary, efforts will be addressed separately.



ESTIMATE OF WORK EFFORT AND FEE
Davis Road, Nassau County - Paving Feasibility Report

EXHIBIT "B"

No. / ACTIVITY	Project Principal Rate = \$ 214.29		Project Manager Rate = \$ 182.89		Project Engineer Rate = \$ 113.27		Engineering Intern Rate = \$ 76.23		Clerical Rate = \$ 62.80		Project Totals	
	Man Hours	Labor Cost	Man Hours	Labor Cost	Man Hours	Labor Cost	Man Hours	Labor Cost	Man Hours	Labor Cost	Hours	Costs
DATA COLLECTION												
1 Existing Data												(\$ -)
Subtotal												(\$ -)
TASK 2 - PROJECT GENERAL TASKS												
2c Nassau County Meetings (Cond. Use Mtg, BOCC)	15	\$ 3,214.35	0	\$ -	0	\$ -	0	\$ -	0	\$ -	15	\$ 3,214.35
2d Final Report Coordination/Preparation	12	\$ -	6	\$ 1,097.34	3	\$ 339.81	0	\$ -	1	\$ 62.80	22	\$ 1,499.95
Subtotal	27	\$ 5,785.83	6	\$ 1,097.34	3	\$ 339.81	0	\$ -	1	\$ 62.80	37	\$ 7,285.78
TASK 3 - ROADWAY ANALYSES												
3a Proposed Typical Section	0	\$ -	1	\$ 182.89	0	\$ -	1	\$ 76.23	0	\$ -	2	\$ 259.12
3b Pavement Design	0	\$ -	1	\$ 182.89	2	\$ 226.54	0	\$ -	0	\$ -	3	\$ 409.43
3c Horizontal and Vertical Alignment	0	\$ -	2	\$ 365.78	2	\$ 226.54	2	\$ 152.46	0	\$ -	6	\$ 744.78
3d Clear Zone	0	\$ -	1	\$ 182.89	0	\$ -	1	\$ 76.23	0	\$ -	2	\$ 259.12
3e Drainage Design (Stormwater)	0	\$ -	3	\$ 548.67	1	\$ 113.27	0	\$ -	0	\$ -	4	\$ 681.94
3f Field Review	0	\$ -	4	\$ 731.56	0	\$ -	4	\$ 304.92	0	\$ -	8	\$ 1,036.48
3g Review of Existing Data	1	\$ 214.29	3	\$ 548.67	3	\$ 339.81	0	\$ -	0	\$ -	7	\$ 1,102.77
3h Coordination	0	\$ -	2	\$ 365.78	2	\$ 226.54	0	\$ -	0	\$ -	4	\$ 592.32
3j Quality Assurance/Quality Control	2	\$ 428.58	1	\$ 182.89	1	\$ 113.27	0	\$ -	0	\$ -	4	\$ 724.74
3k Supervision	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
Subtotal	3	\$ 642.87	18	\$ 3,292.02	11	\$ 1,245.97	8	\$ 609.84	0	\$ -	40	\$ 5,790.70
TASK 4 - DRAINAGE PERMITTING												
4a TDMLS and Permitting Analysis	1	\$ 214.29	5	\$ 914.45	2	\$ 226.54	3	\$ 228.69	0	\$ -		
Subtotal	1	\$ 214.29	5	\$ 914.45	2	\$ 226.54	3	\$ 228.69	\$ -	\$ -	11	\$ 1,583.97
TASK 5 - UTILITY ACCOMMODATION												
5a Utility Review	0	\$ -	1	\$ 182.89	1	\$ 113.27	0	\$ -	0	\$ -	2	\$ 296.16
Subtotal	0	\$ -	1	\$ 182.89	1	\$ 113.27	0	\$ -	0	\$ -	2	\$ 296.16
TASK 6 - TRAFFIC OPERATIONS AND SAFETY												
6a Review of Traffic Data	0	\$ -	1	\$ 182.89	2	\$ 226.54	2	\$ 152.46	0	\$ -	5	\$ 561.89
6f Review of Crash Data	0	\$ -	1	\$ 182.89	2	\$ 226.54	2	\$ 152.46	0	\$ -	5	\$ 561.89
6g Quality Assurance/Quality Control	1	\$ 214.29	1	\$ 182.89	0	\$ -	0	\$ -	0	\$ -	2	\$ 397.18
Subtotal	1	\$ 214.29	3	\$ 548.67	4	\$ 453.08	4	\$ 304.92	0	\$ -	12	\$ 1,520.96
TASK 7 - PERMITTING												
Subtotal	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -
TASK 8 - LIGHTING												
Subtotal												
TASK 9 - LANDSCAPE ARCHITECTURE												
Subtotal												
TASK 10 - ROW MAPPING												
Subtotal												
TASK 11 - CONSTRUCTION COST ESTIMATES												
Subtotal												
TASK 12 - BID PHASE SERVICES												
Subtotal												
TASK 13 - POST DESIGN SERVICES												
Subtotal												
TOTAL	31	\$ 6,642.99	33	\$ 6,035.37	21	\$ 2,378.67	15	\$ 1,143.45	1	\$ 62.80	102	\$ 16,477.57