

## CONSULTANT APPROVAL FORM

**CPO:** If Consultant fee is under \$50,000 & construction is under \$250,000

**CSA:** If Construction is under \$7,500,000;

OR for study activity if consultant fee is under \$500,000- (FS 287.055 CCNA)

**CPO/CSA #:** 2022-083 (Assigned by Procurement)

To be completed by the requesting Division:

Date: 02/25/26 Division: Roads and Drainage

Project Manager's Name: William Lorenzo, P.E. Phone #: 863-535-2286

Project Name: CR 559 at Lundy Road Intersection Improvements

Total Project Budget: \$ 1,300,000.00 Project # 5400257

Estimate of Construction Cost: \$ 900,000

Proposed Consultant: Burgess & Niple, Inc. Fee: \$ 150,789.94

Master Consultant Agreement # 2022-083

### Attach Scope of Services Proposed by the Consultant (Exhibit "A")

Approved By:  Date 2/26/26  
Division Director/Designee

### Procurement Division

Date Received: 4/8/26 Date Reviewed by Analyst: 4/9/26

Approved by: \_\_\_\_\_  
(Procurement Director/Designee)

### County Attorney's Office (Required for all CSA's)

Date Received: 4/9/2026 Date Reviewed: 4/14/2026

Approved by:   
(County Attorney Office Signature)

### County Manager's Office (Required if consultant fee is greater than \$100,000)

Date Received: 4/17/2026 Date Reviewed: 4/17/2026

Approved by:   
(County Manager Office Signature)

**Additional Attachments:** number of days to complete project, not to exceed/lump sum amount, justification for consultant selected, fee schedule, and Professional Liability COI (COI applicable to CSA only, description field must be project specific (contract requirement)).

# REQUEST FOR LEGAL SERVICES

TO: COUNTY ATTORNEY'S OFFICE (AT01)

ATTENTION: Noah Milov   
(CHECK ONE) Heather Bryan

FROM: William Lorenzo (863) 535-2286 DATE: 04/06/26  
(Name and Phone Number)

RETURN TO: William Lorenzo TR02 DIVISION: Roads & Drainage

BOARD AGENDA DATE: 05/05/26 COUNTY MANAGER ITEM:

PROJECT: CR 559 at Lundy Road Intersection Improvements

CSA/CONTRACT NUMBER: 22-083-05

MODIFICATION NUMBER: CHANGE ORDER NUMBER:

TYPE OF AGREEMENT: CSA

NAME OF CONSULTANT/CONTRACTOR: Burgess & Niple, Inc.

*Please indicate any time limits and attach all necessary documentation.*

REQUEST IN DETAIL:

*Please review attachments for the Board Agenda date indicated and return APPROVED documents at your earliest convenience. THANK YOU.*

County Attorney

For CAO Use Only:		APR 09 2026
Assigned Staff:	<u>Noah</u>	Log-In Date:
CAO Project Number:	<u>2026-250</u>	Log-Out Date: <u>4/14/2026</u>

**Consultant Services Authorization**

Firm Name:	Burgess & Niple, Inc.
Master Agreement No.:	2022-083
CSA No.:	2022-083-05
Project Name:	CR 559 at Lundy Rd Intersection Improvements
Project Description:	Add a southbound right turn lane on CR 559 at Lundy Rd
Project Exhibits and Attachments	Exhibit "A"- Scope of Services for this CSA Exhibit "B"- Current Fee Schedule (Master Agreement) Exhibit "C"- Reimbursable Cost Schedule Exhibit "D"- Professional Liability (Project Specific)
Duration (in days)	Through completion of construction
Compensation (Lump sum or Not to exceed to be identified in Exhibit "A")	\$Total cost not to exceed \$150,789.94
Liquidated Damages (if applicable)	\$ 0 /Per Day
Budget Source/Availability	10104.540541095.5666000.5400257.71

IN WITNESS WHEREOF, the parties hereto have executed this CSA on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

**Attest:**

STACY M. BUTTERFIELD

By: \_\_\_\_\_

Deputy Clerk

Date Approved by County: \_\_\_\_\_

POLK COUNTY, a political subdivision  
of the State of Florida

By: \_\_\_\_\_

\_\_\_\_\_, Chairman

Board of County Commissioners

Review as to form and legal sufficiency

*Noah L. ... 4/14/2026*

County Attorney's Office                      Date

**Attest:**

*Jason L. Payne* 3/4/2026

Corporate Secretary                      Date

BURGESS & NIPLE, INC.

*[Signature]*

Authorized Corporate Officer

Scott D. Perfater, PE | Executive Vice President | April 2, 2026

[Printed Name and Title]                      Date

**SEAL**



# BURGESS & NIPLE

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1800 Pembroke Drive | Suite 265 | Orlando, FL 32810 | 407.401.8527

Mr. William G. Lorenzo, PE  
Project Manager  
Polk County, Roads and Drainage Division  
3000 Sheffield Road  
Winter Haven, FL 33880

Re: **CR 559 at Lundy Rd Intersection  
Improvements**  
Contract No. 2022-083, Task Work Order No. 5

March 23, 2026

Dear Mr. Lorenzo:

Burgess & Niple, Inc. (B&N) is pleased to submit this fee proposal for professional services for improvements to the CR 559 and Lundy Road intersection. This proposed fee proposal was prepared based on the scoping email sent from Doug Gable, PE to Scott Perfater, PE on October 1, 2025 as well as discussions with Polk County (hereinafter referred to as County) staff. We have enclosed a scope of services and proposed maximum not-to-exceed fee for this contract assigned under the authority of our continuing services contract with Polk County, Contract No. 22-083.

## SECTION I – BACKGROUND

This proposal is for intersection improvements to the existing CR 559 and Lundy Road intersection in Polk County. CR 559 is a 2-lane arterial. Lundy Rd is a local road connecting to residences and camping at Lake Juliana. The intersection has side street stop control. CR 559 (mainline) has no stop control. A separate right turn lane is proposed on southbound CR 559. The project is anticipated to qualify for a permit exemption from the Southwest Florida Water Management District (SWFWMD) per Chapter 62-300.051 F.A.C. The purpose of this Scope of Services is to define the responsibilities of B&N and the County with respect to the design and preparation of construction plans and specifications for the project.

The County has requested B&N to provide design services for the proposed improvements.

## SECTION II – DESIGN CRITERIA

The analysis shall be based on the following guidance documents:

- Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (also known as the "Florida Greenbook"), 2023 Edition;
- FDOT Standard Plans for Road Construction, FY 2026-27;
- FHWA Manual on Uniform Traffic Control Devices, 2023 Edition

### **SECTION III – PROJECT DESCRIPTION**

The primary tasks necessary to design a right turn lane for the intersection and prepare construction plans for construction of the proposed improvements are described below.

- Widen CR 559 as necessary to provide a southbound to westbound right turn lane at the intersection with Lundy Road. Design team will utilize pavement cores provided by the geotechnical engineer to provide an existing pavement structural number which will determine the proposed pavement section to be incorporated into the construction plans.
- Utilizing FDOT Standard Plans for Road Construction, Index 600 Series, provide temporary traffic control plans and notes, as necessary to accommodate the proposed construction operations.
- Verify adequacy of existing stormwater conveyance features necessary to accommodate the proposed turn lane.
- Prepare and submit a SWFWMD Form 62-330.050(1) "Request of Verification of an Exemption." For purposes of this proposal, it is anticipated the proposed improvements will qualify for an exemption under Chapter 62-330.051F.A. C. due to avoiding wetland impacts. Should the project result in unavoidable wetland impacts, a supplemental proposal will be submitted to prepare an environmental resource permit package.

### **SECTION IV – DESIGN PHASE SERVICES**

B&N shall provide the design services for the project except as specifically excluded in this Scope of Services. The primary services are listed below.

- Prepare construction plans incorporating the proposed roadway, drainage, signing and pavement marking, erosion control, and temporary traffic control designs.
- Prepare and submit SWFWMD "Request for Verification of an Exemption" application.
- Prepare bid items and construction cost estimates. Estimates will be based on FDOT's current 12-month moving average Historical Unit Bid Prices for Area 8 which includes Polk County.
- Provide post design services.

#### **A) Roadway Plans Preparation**

- 1) B&N shall furnish roadway construction plans for the project to include key sheet, summary of pay items, typical sections, summary of quantities, roadway plan and profile sheets, roadway cross sections at 50-foot increments, traffic control plans, erosion control plans, storm water pollution prevention plan, signing and pavement marking plans and incidental details.
- 2) B&N shall develop and incorporate the proposed intersection improvements design in coordination with the County.

- 3) Construction plans are to be in 11" x 17" format. Plan sheets are to be in an acceptable scale (i.e. 1-inch = 50-feet). Key sheet and overall project sheets shall not exceed a scale of 1-inch = 200-feet. See "Submittals and Design Reviews" for specific plans submittal information.

**B) Drainage Design**

A preliminary review of the proposed improvements along CR 559 and Lundy Road revealed the project area is located within the Lake Mattie Outlet (WBID 1476A)). There is a presence of FEMA Floodplains within the project limits, with Zone AE and Zone X located within the adjacent offsite permitting floodplain compensation (FPC) area. It is assumed that roadway widening will not impact the existing floodplain volume of said FPC areas and that proposed grading would tie-down at the roadway R/W. It is anticipated the proposed roadway improvements will qualify for an exemption from environmental resource permitting. B&N shall perform the following drainage design tasks.

- 1) Assess the existing hydrology and existing roadway drainage conveyance system within the limits of the proposed improvements, which will include identifying and assessing the existing outfall condition.
- 2) Identify impacts to the existing drainage conveyance system based on the proposed turn lane addition. Work includes analyzing and improving the existing roadside swale, located along the NB side of CR 559, for the limits of turn lane widening. This swale discharges into a wetland system just east of the CR 559 / Lundy Road intersection.
- 3) The drainage design will be summarized and documented in a Drainage Memorandum to be submitted in support of the permit exemption application to SWFWMD.

**C) Utility Coordination & Subsurface Utility Exploration – CivilSurv Design Group, Inc (\$13,325.00)**

B&N through subconsultant CivilSurv Design Group, Inc. is responsible for SUE investigation and utility coordination. Those efforts are outlined in Exhibit A-3.

**D) Signing & Pavement Marking Plans**

B&N shall analyze and document signing and pavement marking requirements in accordance with applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums. B&N shall prepare a set of signing and pavement marking plans to be included in the roadway plan set. Signing and marking quantities shall be included in the listing of the roadway quantities. The signing and pavement marking sheets shall include general notes, plan sheets and special details, if required.

**E) Geotechnical – Madrid CPWG (\$9,948.49)**

B&N, through subconsultant Madrid CPWG, shall provide geotechnical services outlined in Exhibit A-4.

## **F) Project Specifications**

The County's Standard Technical Specifications shall be used for the project along with FDOT Standard Specifications for Road and Bridge Construction, Divisions II and III (as applicable).

## **G) Bid Quantities**

B&N shall prepare bid quantities to include bid items necessary for construction of the project. Bid items shall include reference to applicable and current FDOT measurement and pay items.

- 1) If required, bid proposal sheets included with the Project Bid Specification package shall be prepared by the County based on quantities provided by B&N. County Push Button Construction Contracting is not anticipated.
- 2) Preliminary bid quantities only shall be submitted with the 60% design review submittal. The quantities and associated cost shall be submitted in the Engineer's Construction Cost Estimate submitted with the 100% and Final design submittals.
- 3) Construction costs are to be based on FDOT's current 12-month moving average Historical Unit Bid Prices for Area 8 which includes Polk County.

## **H) Services to be Provided by the County**

The following services are to be provided by the County.

- 1) **Design & Right of Way Survey.** The County shall furnish all required design survey data in electronic format as required to complete the project, including but not limited to the following tasks:
  - a) Survey baseline alignments;
  - b) Horizontal and vertical survey control information;
  - c) Topographic survey;
  - d) Digital terrain model;
  - e) Drainage survey including type, size, rim and/or grate elevation and invert elevations, as applicable;
  - f) Aboveground utilities; and,
  - g) Existing right of way and property lines.

The County shall furnish B&N with copies of existing right of way maps within the vicinity of the project.

- 2) **Design Reviews.** The County shall provide timely reviews of all design submissions.
- 3) **Public Involvement.** The County shall provide any necessary public involvement throughout the course of the project.

## **SECTION V – DESIGN REQUIREMENTS & PROVISIONS FOR WORK**

### **A) Plan Preparation**

B&N shall prepare plans, specifications and other documents that are accurate, legible and consistent with the profession's standard of care. In case of conflicts between criteria stated in the aforementioned documents, B&N shall obtain County direction. If it becomes necessary for B&N to deviate from the standard design criteria specified in the documents, B&N shall formally request authorization from the County by submitting a design variation request that describes the condition and states in writing, the reasons for the deviations. The request for any design variation shall be signed and sealed by the Engineer of Record (EOR). County Push Button Construction Contracting is not anticipated.

### **B) Submittals & Design Reviews**

All submittals shall be made to County in electronic format for those items described in this section. For purposes of this proposal, it is assumed the project reviews will be carried out by County staff.

- Plan design review submittals shall occur at the 60%, 100%, and Final phases.
- Bid quantities and construction cost estimates shall be submitted at the 60% (quantities only), 100%, and Final submittal phases.
- B&N shall submit a PDF plan set along with accompanying design documentation for the 60%, 100%, and Final submittals.
- The final design submittal will consist of three (3) signed and sealed (11 x 17) plan sets, PDF plan set and one copy of digital design files in acceptable AUTOCAD format.
- B&N shall respond to the County's design review comments in writing and incorporate revisions into the plans as appropriate. Written responses and plans revisions are to be included with the subsequent phase submittal.
- B&N shall respond to regulatory agencies review comments in the same manner.

### **C) Final Design Project Schedule**

B&N's services shall commence upon receipt of written notice to proceed (NTP) issued by the County. B&N shall complete the final design of improvements in accordance with the agreed upon project schedule. For purposes of this Scope of Services, a 12-month schedule following NTP for delivery of all services is anticipated.

## **SECTION VI – POST DESIGN PHASE SERVICES**

Post Design Services are support services that may be required to address changed conditions and other Services not covered under the original contract or subsequent contract modifications in order to facilitate and satisfactorily complete construction. These services are not intended to address any B&N errors and/or omissions that may occur. The hours required to complete these tasks may be increased or decreased by the County based on actual project requirements.

The following items are representative, but not limited to, services related to construction assistance to be provided by B&N. During the construction phase, it is understood a County designee is to administer the construction contract, perform records management and carry out resident engineering and inspection services.

B&N shall furnish the following services:

- Attend one pre-bid conference prior to construction letting and one pre-construction meeting prior to the commencement of construction to assist the County designee as requested.
- Provide written interpretations of the Contract Documents (i.e. plans, specifications and bid package) to the County designee and respond to questions concerning unforeseen conditions affecting the project's design and construction. B&N shall not direct or infer changes to the construction contract. Changes shall be submitted through the County's change order procedure as administered by the County's designee. Responses to four contractor/County designee requests for information are anticipated and included in this fee proposal.
- Attend up to three site visits as necessary to respond to problems encountered during construction and conduct field investigations as requested by the County designee. Based on information obtained during the visit to the construction site, B&N shall assist the COUNTY in providing potential solutions to any problem encountered including any plan modifications that may be required.
- From time to time during construction, B&N may be requested by the County designee to review contractor proposed field changes or respond with a recommended solution to remedy particular field situations not covered by the plans and specifications. B&N shall revise the plans to provide for changes the County deems necessary following final plan acceptance. One construction change is anticipated and included in this fee proposal.

## SECTION VII – PAYMENT FOR PROFESSIONAL SERVICES

The proposed maximum not to exceed fee for the professional engineering services described above is \$150,789.94. See Exhibit A-2 for a staff hour breakdown of this proposed professional services fee. If there are any questions regarding the enclosed material or if we can provide additional information to assist the County with its review, please contact us.

Sincerely,

**BURGESS & NIPLE, INC.**



Scott D. Perfater, PE  
Executive Vice President

John Dee, PE  
Project Manager

**EXHIBIT A-3 - CIVILSURV SCOPE & FEE ESTIMATE**

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John Dee, PE  
Burgess & Niple, Inc.  
Office: 407.401.8527 x5205  
Cell: 407.256.3605  
Mail: [John.Dee@burgessniple.com](mailto:John.Dee@burgessniple.com)

January 23, 2026

RE: Survey Services for CR 559 at Lundy Road, Polk County BOCC

Dear Mr. Dee,

CivilSurv Design Group, Inc. is pleased to submit this proposal for the surveying and mapping services required for this project. We look forward to working with B&N towards the successful completion of this project. We understand the Subsurface Utility Exploration (SUE) and utility coordination services are required for the design of new turn lanes at the intersection.

#### **I. SCOPE OF SERVICES**

CivilSurv Design Group, Inc. will provide Utility Coordination and SUE survey services for the project as requested in your email of November 7<sup>th</sup>, 2025.

- We will provide SUE Designation (Level B) services to identify the utilities in the intersection and up to 5 (five) SUE utility Locates (Level A) to identify the depth, location, size and material of underground utilities. The Locates will be completed as identified by the EOR.

The survey services above will comply with the Standards of Practice for Florida Surveyors and Mappers per Chapter 5J-17, Florida Administrative Code, pursuant to Chapter 472.027 Florida Statutes.

Utility Coordination Services will provide the following;

- Provide the design team the locations and markups per the utility providers within the corridor at 30%, 60%, 90%, and Final Design.
- Letter with final design submittal stating that all known utility conflicts have been cleared. On our letterhead, if not cleared, list the utilities and the reasons why.
- Will provide with final submittal: all signed UWS's, letters of no involvement, letters of no conflict, 811 design ticket, all correspondence with UAO's during design.

#### **II. DELIVERABLES**

For the SUE services we will provide a Microstation ORD or Civil3D file of the Designated utilities, a verified utility spread sheet and dig sheets of the SUE Level A soft digs performed.

#### **III. FEES**

The SUE services can be provided for a not to exceed fee of \$8,225.00.

The utility coordination scope of services described can be provided for a lump-sum fee of \$5,100.00.

#### **IV. SCHEDULE**

The SUE Designates can be completed 6 weeks from receipt of NTP. The Utility Coordination and SUE Locates will be completed as the project progresses.

CivilSurv Design Group, Inc. greatly appreciates this opportunity to work with B&N and Polk County.

[www.CivilSurv.com](http://www.CivilSurv.com)  
Small Business Enterprise



Sincerely,



Kenneth T. Glass, PSM  
Vice President of Surveying and Mapping

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





**EXHIBIT A-4 - MADRID CPWG SCOPE & FEE ESTIMATE**

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February 2, 2026

Mr. John Dee, P.E.  
**Burgess & Niple, Inc.**  
1800 Pembroke Drive  
Orlando, Florida 32810

**Re: Proposal for Geotechnical Engineering Services**  
**Intersection Improvements**  
**CR 559 and Lundy Road**  
Auburndale, Polk County, Florida  
Madrid Proposal No. 15903

Dear Mr. Dee,

Madrid Engineering Group, Inc., dba Madrid CFTL, (Madrid) has been requested to provide geotechnical exploration and evaluation for the intersection improvements planned in Auburndale, Polk County, Florida. The purpose of the exploration is to collect subsurface soil and existing pavement section information to provide data and geotechnical recommendations for the proposed design and construction. A final report with a summary of the exploration including a discussion of subsurface conditions, boring profiles, laboratory test results, and geotechnical evaluation with general geotechnical recommendations will be provided.

### **Project Understanding**

Based on information provided by the Client, Madrid understands that currently, the intersection includes two mainline approaches on CR 559 and one for Lundy Road. The intersection does not have any type of stop control. A separate right turn lane is proposed from southbound CR 559 onto westbound Lundy Road. The turn lane is expected to be about 250 feet in length and is planned to have the same pavement section as the main line.

Based on our review of the Google aerial provided, anticipated boring locations along the turn lane alignment should be accessible to our equipment, but the potential for conflicts with overhead and underground utilities is present. Site and location specific conflicts will not be apparent until the boring locations are refined. We will advise you of the need for difficult access time for providing access to the proposed boring locations, should it prove necessary, prior to incurring any additional expense. Because of the proximity of the soil borings to the traffic lanes as well as the need for pavement cores along the southbound lane of CR 559, maintenance of traffic will be required.

Our utility coordination efforts will be limited to contacting 811 Sunshine One Call. 811 Sunshine One Call does not mark utilities on private property or the locations of non-member and privately-owned utilities. We have not included a fee to subcontract a private utility locator to mark near surface utilities at the boring locations. If these services are required, Madrid will notify you and provide a cost.

Should the above information or assumptions be inconsistent with planned construction, the Client should contact the Madrid office and allow necessary modifications to be made to the proposal.

## **AT THE READY**

2030 State Road 60 East, Bartow, FL 33830  
P: 863.533.9007



### **Scope of Services:**

The geotechnical engineering scope of services will include the following items.

- Maintenance of Traffic.
- Field exploration consisting of drilling, pavement coring, and sampling of the subsurface materials and observation of current groundwater levels while drilling.
- Laboratory testing of recovered samples of the subsurface materials.
- Providing geotechnical recommendations in written report format.

### ***Field Exploration***

We propose to perform the following services:

- Site reconnaissance, boring and core location selection.
- Mobilization to the site.
- Maintenance of Traffic.
- Two (2) pavement cores in the CR 559 southbound lane.
- A total of three (3) Standard Penetration Test borings advanced to a depth of 10 feet along the turn lane alignment.

### ***Engineering Analyses and Report***

The results of the field exploration and laboratory testing will be used in engineering analysis and in the formulation of the recommendations. The results of the subsurface exploration, including the recommendations and the data on which they are based, will be presented in a written geotechnical report. The geotechnical report will include the following items:

- A description of the site, fieldwork, laboratory testing, and general soil conditions encountered, together with a Test Location Plan and individual Boring Records.
- Measured apparent and estimated seasonal high groundwater levels at boring locations.
- Existing pavement section information for CR 559 southbound lane only.
- Site preparation considerations including geotechnical discussions regarding subgrade preparation and engineered fill/backfill placement for the turn lane.
- Suitability of on-site soils for re-use as structural fill and backfill. Additionally, criteria for placement/compaction suitable backfill materials will be provided.
- Pavement design considerations.
- A pdf version of the geotechnical report will be prepared and submitted by email to the Client and design team. If requested by the Client, additional hard copies can be provided. The geotechnical report will be reviewed, signed, and sealed by a registered Professional Engineer in the State of Florida.

All soil samples will be retained for a maximum of 60 days from the date of release of the draft geotechnical report. Samples will be discarded unless requested in writing to be retained for longer durations. Depending on the duration, storage fees may apply.

### **Services Not Included in Scope of Work**

- Survey of boring locations by Madrid (stakes may be left at boring locations for later survey if desired).
- Delineation of any deleterious materials encountered.



- Review of construction documents and specifications.
- Design/engineering services other than those described herein.
- Evaluation of subsurface conditions in other areas of the site other than those described herein.
- Construction monitoring (QA/QC) or materials testing (CMT).
- Evaluation of sinkhole activity.
- Private utility locate services.

**Fee**

**GEOTECHNICAL SERVICES**

**TASK 1: FIELD SERVICES**

	<b>QUANTITY</b>	<b>RATE</b>	<b>UNIT</b>	<b>COST</b>
SITE RECON/STAKE BORINGS (DRILLING OPS MANAGER)	3	\$ 164.50	/HR	\$ 493.50
MOBILIZATION	1	\$ 600.00	/LS	\$ 600.00
GEO SPT TRUCK/MUD BUG 0-50 FT	30	\$ 16.00	/FT	\$ 480.00
GEO GROUT BOREHOLES- TRUCK 0-50 FT	30	\$ 6.50	/FT	\$ 195.00
PAVEMENT CORING (2 MAN CREW)	1	\$ 1,000.00	/LS	\$ 1,000.00
PERMITTING TIME (DRILL MGR.)	4	\$ 164.50	/HR	\$ 658.00
DRILL SUPPORT TRUCK	1	\$ 240.00	/TRIP	\$ 240.00
MOT ATTENUATOR TRAILER, TRUCK AND CREW	1	\$ 2,500.00	/LS	\$ 2,500.00
PRIVATE UTILITY LOCATES	0	\$ 1,500.00	/DAY	\$ -
ASPHALT PAVEMENT CORE - 4" DIA W BASE DEPTH CHECK	2	\$ 243.20	/EA	\$ 486.40

**Subtotal Field Services \$ 6,652.90**

**TASK 2: LABORATORY TESTING OF SOILS**

VISUAL CLASS/BORING LOGS (ENGINEER)	1	\$ 126.21	/HR	\$ 126.21
SOILS MATERIALS FINER THAN 200 SIEVE FM 1-T011	2	\$ 50.00	/EA	\$ 100.00
SOILS MOISTURE CONTENT LABORATORY AASHTO T265	2	\$ 18.00	/EA	\$ 36.00
ATTERBERG LIMITS (PL, LL, PI)	0	\$ 132.00	/EA	\$ -
SOILS ORGANIC CONTENT IGNITION FM 1 T-267	2	\$ 48.00	/EA	\$ 96.00

**Subtotal Laboratory Testing \$ 358.21**

**TASK 3: PROFESSIONAL SERVICES AND REPORT**

PRINCIPAL ENGINEER	1	\$ 280.00	/HR	\$ 280.00
PROJECT MANAGER	5	\$ 220.50	/HR	\$ 1,102.50
ENGINEER	8	\$ 126.21	/HR	\$ 1,009.68
CADD	3	\$ 105.18	/HR	\$ 315.53
ADMINISTRATIVE	2	\$ 114.84	/HR	\$ 229.67

**Subtotal Professional Services \$ 2,937.38**

**TOTAL GEOTECH. BUDGET \$ 9,948.49**



**Schedule**

- Initial coordination and reconnaissance - 2 to 3 weeks after NTP
- Field services – 1 week after completion of site reconnaissance
- Laboratory testing – 1 week after field testing
- Draft report – 3 weeks after completion of laboratory testing.
- Final report – 1 week after receipt of comments from Client.

No additional work shall be completed without the client's prior approval. Should any additional work be required (such as additional drilling depth or delineation of deleterious materials based on findings), it will be billed at our standard unit rates.

Please refer to Madrid project number 15903 on all correspondence. If this proposal meets your approval, please sign in the space provided for Authorization to Proceed or provide a Purchase/Task Order and email a copy to our office. Should you have any questions or comments, please feel free to contact us.

**Madrid Engineering Group, Inc.**

Andres F. Alberdi, P.E.  
Senior Engineer

John Delashaw, P.E.  
Principal Engineer

**Attachment(s):** Google Aerial

**AUTHORIZATION TO PROCEED**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## Google Aerial



## AT THE READY

2030 State Road 60 East, Bartow, FL 33830  
P: 863.533.9007

To: Doug Gable, P.E.  
From: Burgess and Niple, Inc.  
Subject: Exhibit A - Schedule of Rate Values

Date: June 23, 2022

Staff Classification	Hourly Loaded Rate
Chief Designer	\$187.59
Chief Engineer 1	\$248.47
Chief Engineer 2	\$314.96
Design Intern	\$67.02
Engineer 1	\$152.85
Engineer 2	\$201.99
Engineer Intern	\$118.94
Project Manager 1	\$221.31
Project Manager 3	\$250.53
Senior Designer	\$180.03
Contract Coordinator	\$109.52
Senior Engineer 1	\$197.80
Transportation Data Analyst	\$106.25
Transportation Data Scientist	\$132.83

MULTIPLIER = 3.269375

Sincerely,



John Kilgore, P.E.  
Vice-President

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

Name of Project: CR 559 at Lundy Road  
 County: Polk  
 FPN: 22-4983  
 FAF No.: N/A

Consultant Name: Burgess & Niple, Inc.  
 Consultant No.: N/A  
 Date: 2/10/2026  
 Estimator: John Dea, PE

Staff Classification	Total Staff Hours	Project Manager 3	Chief Engineer 2	Engineer 2	Engineer Intern	Chief Designer	Senior Engineer 1	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By	Salary Cost By	Average Rate Per Task
3. Project Common and Project General Tasks	150	90	15	0	22	23	0	0	0	0	0	0	0	150	\$34,203	\$228.02
4. Roadway Analysis	249	25	13	62	82	87	0	0	0	0	0	0	0	249	\$46,576	\$187.05
5. Roadway Plans	100	5	0	30	30	35	0	0	0	0	0	0	0	100	\$17,446	\$174.46
6a. Drainage Analysis	97	0	5	34	19	34	0	0	0	0	0	0	0	97	\$18,333	\$189.00
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
6c. Selective C&G	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	
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
9. Structures - Misc. Tasks, Dwg's, Non-Tech.	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	
11. Structures - Temporary Bridge	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	
13. Structures - Medium Span Concrete Bridge	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	
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
16. Structures - Movable Span	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	
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
19. Signing & Pavement Marking Analysis	49	2	1	12	12	17	5	0	0	0	0	0	0	49	\$8,845	\$180.51
20. Signing & Pavement Marking Plans	12	0	0	4	3	4	1	0	0	0	0	0	0	12	\$2,113	\$176.08
21. Signalization Analysis	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	
23. Lighting Analysis	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	
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
28. Photogrammetry	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	
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
32. Noise Barriers Impact Design Assessment	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	
34. Intelligent Transportation Systems Plans	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	
<b>Total Staff Hours</b>	<b>657</b>	<b>127</b>	<b>34</b>	<b>142</b>	<b>148</b>	<b>200</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>657</b>	<b>\$127,516.45</b>	<b>\$194.99</b>
<b>Total Staff Cost</b>		<b>\$31,817.31</b>	<b>\$10,706.64</b>	<b>\$28,692.58</b>	<b>\$17,603.12</b>	<b>\$37,518.00</b>	<b>\$1,186.80</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>657</b>	<b>\$127,516.45</b>	<b>\$194.99</b>

Survey Field Days by Subconsultant  
 4 - Person Crew.

**Notes:**

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

SALARY RELATED COSTS:	Check =
OVERHEAD:	\$127,516.45
OPERATING MARGIN:	\$0.00
FCOM (Facilities Capital Cost Money):	\$0.00
EXPENSES:	\$0.00
Survey (Field - if by Prime)	0 / day
<b>SUBTOTAL ESTIMATED FEE:</b>	<b>\$127,516.45</b>
Subconsultant: CivilSurvey	\$13,925.00
Subconsultant: MadridCPWG	\$9,948.49
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>\$150,789.94</b>
Geotechnical Field and Lab Testing	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>	<b>\$150,789.94</b>
Original Services	\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>	<b>\$150,789.94</b>

**Fran McAskill**  
*Director*  
**Procurement Division**



330 West Church Street  
P.O. Box 9005, Drawer AS05  
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**EXHIBIT C**

**Board of County Commissioners**

**REIMBURSABLE COST SCHEDULE**

- |  |   |
|--|---|
| 1. Subcontractor Services  | Actual Costs  |
| 2. Travel & Mileage Expenses   | In accordance with Chapter 112.061, F.S.; and further defined in the Polk County Employee Handbook for pre-approved out-of-county travel (excluding travel from home offices located outside of Polk County to the Polk County line). |
| 3. Pre-approved Equipment<br>(includes purchase and rental of equipment used in project) | Actual Costs  |





**ADDITIONAL REMARKS SCHEDULE**

<b>AGENCY</b> Willis Towers Watson Northeast, Inc.		<b>NAMED INSURED</b> Burgess & Niple, Inc. 330 Rush Alley Suite 700 Columbus, OH 43215	
<b>POLICY NUMBER</b> See Page 1		<b>EFFECTIVE DATE:</b> See Page 1	
<b>CARRIER</b> See Page 1	<b>NAIC CODE</b> See Page 1		

**ADDITIONAL REMARKS**

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
**FORM NUMBER:** 25 **FORM TITLE:** Certificate of Liability Insurance

Liability, Auto Liability and Umbrella/Excess Liability when required by written contract.

General Liability, Auto Liability and Umbrella/Excess Liability policies shall be Primary and Non-contributory with any other insurance in force for or which may be purchased by Additional Insureds when required by written contract.

Waiver of Subrogation applies in favor of Additional Insureds with respects to General Liability, Auto Liability, Umbrella/Excess Liability and Workers Compensation when required by written contract and permitted by law.