

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS

**POST OFFICE BOX 1529
LAKE CITY, FLORIDA 32056 - 1529**

COLUMBIA COUNTY SCHOOL BOARD ADMINISTRATIVE COMPLEX

**372 WEST DUVAL STREET
LAKE CITY, FLORIDA 32055**

AGENDA

March 07, 2019

5:30 P.M.

Opportunity for public comment shall be in accordance with Rule 4.704. Each person who wishes to address the Commission regarding the Consent Agenda or any Discussion and Action Agenda Item shall complete one comment card for each item and submit the card or cards to County staff in the front of the meeting room. Cards shall be submitted before the meeting is called to order.

Rules of decorum and rules for public participation are attached to the agenda handouts.

Invocation (Commissioner Toby Witt)

Pledge to U.S. Flag

Staff or Commissioner Additions or Deletions to Agenda

Approval of Agenda

Presentation of Ministerial Matters Not Requiring Public Comment

Ben Scott, County Manager

- (1) Proclamation No. 2019P-5 - Recognizing Employees Jason Rosenfeld and Travis Czaban (p.1)

Approval of Consent Agenda

Adoption of Consent Agenda

Discussion and Action Items

Ben Scott, County Manager

- (1) Termination of Interlocal Agreement for Sheriff's Annual Budget (p.3)
- (2) BA 19-37 - Land Purchase – Ft White Recreation Complex Parking Lot - \$160,000 (p.5)

David Kraus, Assistant County Manager, Administration

- (3) BA 19-38 - Accept State E-911 State Grant - Replacement of 911 Datamaster System - \$65,814 (p.8)

(4) Engineering and Design for Bell Road Corridor Utilities - \$107,700 (p.13)

Open Public Comments to the Board – 2 Minute Limit

Staff Comments

Commissioner Comments

Adjournment



**COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM REQUEST FORM**

The Board of County Commissioners meets the 1st and 3rd Thursday of each month at 5:30 p.m. in the Columbia County School Board Administrative Complex Auditorium, 372 West Duval Street, Lake City, Florida 32055. All agenda items are due in the Board's office one week prior to the meeting date.

Today's Date: 3/1/2019 Meeting Date: 3/7/2019

Name: Ben Scott Department: BCC Administration

Division Manager's Signature: 

1. Nature and purpose of agenda item:

To recognize the efforts of employees Jason Rosenfeld and Travis Czaban.

2. Recommended Motion/Action:

Approval Proclamation No. 2019P-5.

3. Fiscal impact on current budget.

This item has no effect on the current budget.

BOARD OF COUNTY COMMISSIONERS

PROCLAMATION NO. 2019P-5

On February 22, 2019, at approximately 10:08 a.m. while on duty at the Columbia County Combined Communications Center, Public Safety Telecommunicator Training Quality Assurance Coordinator Jason Rosenfeld received an emergency 911 call from a distraught mother who advised her 44 year old son was down and not breathing. Working together as a team, Jason initiated the Emergency Medical Dispatch protocols while Public Safety Telecommunicator Trainee Travis Czaban dispatched emergency responders to the scene. Jason provided the distraught mother with pre-arrival instructions on how to perform CPR on her son until emergency responders arrived and took over patient care.

Based on the EMS unit's reports, the patient was resuscitated and was breathing and had a heartbeat upon their arrival. Subsequently, the patient was transported to Lake City Medical Center alive by EMS. Jason's actions utilizing Emergency Medical Dispatch Protocols in providing pre-arrival CPR instructions undoubtedly increased the patient's chances of survival having the mother administer lifesaving CPR until emergency assistance arrived. Additionally, Travis quick actions, although still in training, dispatching EMS in a timely manner was also a contributing factor to the patient's survival.

Jason and Travis's actions were in the highest traditions of the Columbia County Combined Communications Center and the Public Safety Telecommunicator profession and both are hereby commended for their actions by remaining calm and utilizing their training in Emergency Medical Dispatch protocols in a highly stressful situation. Working together as a cohesive team, Jason and Travis displayed the highest level of professionalism

NOW, THEREFORE, I, Ronald Williams, Chairman of the Board of County Commissioners by virtue of the authority vested in me, do hereby proclaim, on February 22, 2019, Quality Assurance Coordinator Jason Rosenfeld and Public Safety Telecommunicator Trainee Travis Czaban utilized Emergency Response Protocols to save a life.

IN WITNESS WHEREOF, I have hereunto set my hand this 7th day of March, in the year of our Lord two thousand nineteen.

ATTEST:

**BOARD OF COUNTY COMMISSIONERS
COLUMBIA COUNTY, FLORIDA**

P. DEWITT CASON, CLERK

BY: _____
RONALD WILLIAMS, CHAIRMAN



**COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
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Today's Date: 2/28/2019 Meeting Date: 3/7/2019

Name: Ben Scott Department: BCC Administration

Division Manager's Signature: 

1. Nature and purpose of agenda item:

To approve letter terminating the interlocal agreement for Sheriff's annual budget, discussed at the special meeting held February 21, 2019.

2. Recommended Motion/Action:

Approve attached letter.

3. Fiscal impact on current budget.

This item has no effect on the current budget.

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

February 22, 2019

Mark Hunter, Sheriff
Columbia County Sheriff's Office
4917 US Highway 90
Lake City, Florida 32055

RE: Interlocal Agreement for Sheriff's Annual Budget

Dear Sheriff Hunter,

This correspondence is to serve as Columbia County's formal notice of termination of the Interlocal Agreement by and between Columbia County, Florida and Mark Hunter, Sheriff of Columbia County, Florida implementing procedures for Sheriff's annual budget, dated March 27, 2015, effective the fiscal year 2019-2020 beginning October 1, 2019 in accordance with clause 9 of the Agreement. Henceforth, procedures for the Sheriff's annual budget will be submitted in accordance with Florida Statute Chapter 30.49.

Sincerely,

Ron Williams
Chairman

XC: Outgoing Correspondence

BOARD MEETS FIRST AND THIRD THURSDAY AT 5:30 P.M.

P.O. BOX 1529

LAKE CITY, FLORIDA 32056-1529

PHONE (386) 755-4100



COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
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Today's Date: 2/28/2019 Meeting Date: 3/7/2019

Name: Ben Scott Department: BCC Administration

Division Manager's Signature: Ben Scott

1. Nature and purpose of agenda item:

Purchase land for additional parking at the Fort White Recreational Complex.

2. Recommended Motion/Action:

Approve budget amendment 19-37 for \$160,000 to purchase land for future parking lot and other recreational uses.

3. Fiscal impact on current budget.

This item is not budgeted. The proposed budget amendment to fund this request is provided below. The budget amendment number is BA 19-37 using fund(s) 001-GENERAL FUND.

Table with 3 columns: FROM, TO, AMOUNT. FROM: 001-8400-584.90-99 RESERVES / CONTINGENCY/RESERVE; TO: 001-1000-511.60-61 CAPITAL OUTLAY / LAND PURCHASE; AMOUNT: \$160,000.00

District No. 1 - Ronald Williams
District No. 2 - Rusty DePratter
District No. 3 - Bucky Nash
District No. 4 - Everett Phillips
District No. 5 – Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

MEMORANDUM

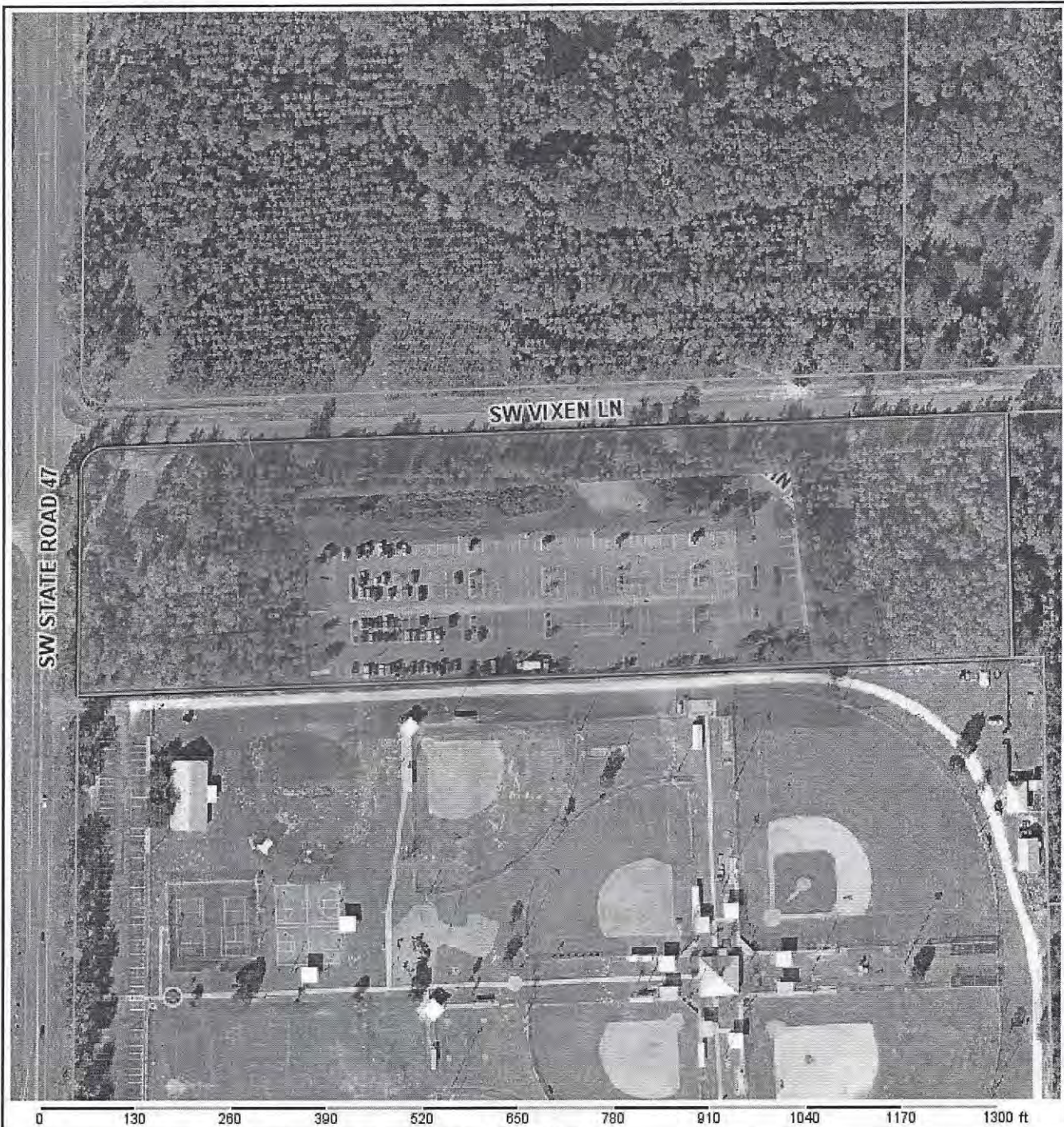
TO: Board of County Commissioners
FR: Ben Scott, County Manager *Ben Scott*
DATE: February 8, 2019
SUBJECT: Land Purchase – Fort White Recreation Complex Parking Lot

Several options to improve parking at the Fort White Recreation Complex have been discussed over the years, however recently the problem has become an increasing safety issue due to the size of tournaments. The current parking lot only has 110 spaces and is shared between the ballfields and community center. It is located adjacent to State Highway 47 and overflow parking is along the sides of the highway. Parcel # 28-6S-16-03960-001 just north of the facility is approximately 9.06 acres and would be an excellent location to address parking and allow for some open space for possible flat field area, future picnic pavilions, and small restroom for any recreation activity in that area. The property has a paved entrance, which allows egress and ingress off the state highway. The property could be cleared and grassed for the first phase and used as a grass parking lot until funding is allocated to pave an actual parking lot similar to the one constructed at Southside, which would provide an additional 297 spaces with easy entry to playing fields. Attached is a footprint of the parking area which uses approximately 3 acres with necessary retention, leaving the remaining 6 acres for other recreational purposes.

I am recommending the Board approve budget amendment 19-37 for \$160,000 to purchase land for future parking lot and other recreational uses.

XC: Outgoing Correspondence

BOARD MEETS FIRST THURSDAY AT 5:30 P.M.
AND THIRD THURSDAY AT 5:30 P.M.



110

2.44 AC
297

Columbia County Property Appraiser Jeff Hampton | Lake City, Florida | 386-758-1083

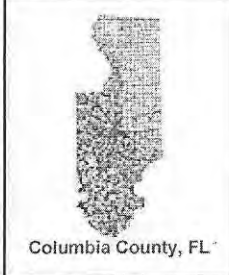
PARCEL: 28-6S-16-03960-001 | TIMBERLAND (005500) | 9.06 AC
 COMM AT SE COR OF NE1/4 OF SE 1/4, RUN N 629 FT, W 42.30 FT FOR POB, CONT W 1300.93 FT, TO E R/W OF S R 47, N ALONG R/W 287.62 FT, NE ALONG CURVE 45.6

NOTES:

MILLENNIUM TRUST COMPANY, LLC
 CUSTODIAN FBO ERNEST R VARGAS
 Owner: TRADITIONAL IRA
 2001 SPRING RD SUITE 700
 OAKBROOK, IL 60523

		2018 Certified Values	
Mkt Lnd	\$0	Appraised	\$3,388
Ag Lnd	\$3,388	Assessed	\$3,388
Bldg	\$0	Exempt	\$0
XFOB	\$0		
Just	\$40,423	Total Taxable	county:\$3,388 city:\$3,388 other:\$3,388 school:\$3,388

Site:			
Sales	12/10/2015	\$100	V (U)
Info	12/20/2010	\$100	V (U)
	9/9/2009	\$100	V (U)



This information, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. **GrizzlyLogic.com**



**COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM REQUEST FORM**

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Today's Date: 2/25/2019 Meeting Date: 3/7/2019

Name: Tom Brazil Department: 9-1-1 Communications Center

Division Manager's Signature: 

1. Nature and purpose of agenda item:

BA 19-38: State E-911 Grant to replace our 911 system map display and bring management of our ALI and MSAG data in house using 911 Datamaster and County GIS data.

2. Recommended Motion/Action:

Recommend Board Approval

3. Fiscal impact on current budget.

This item is not budgeted. The proposed budget amendment to fund this request is provided below.
The budget amemdment number is BA 19-38.

FROM:	TO:	AMOUNT:
001-0000-334.20-10	001-2515-525.30-XX	\$65,814.00
001-0000-334.20-10	001-2515-525.30-XX	

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

MEMORANDUM

TO: Ben Scott County Manager via David Kraus Assistant County Manager
FR: Thomas W Brazil 911 Center Manager / County 911 Coordinator
DATE: 2/25/2019
RE: State E-911 Grant FEID 59-6000564

Via this memorandum I am requesting to place on the agenda for the March 7th meeting of the Board of County Commissioners an item seeking approval to accept 2 State E-911 Board Grants. These grants are for replacement of our 911 system map display, and to bring our Automatic Location Identification (ALI) and Master Street Address Guide (MSAG) database management in-house through our GIS Addressing Department. Currently our 911 call taking map display is Orion Vela Map. We have received a product lifecycle notice from the manufacturer of Orion Vela map (see attached copy) that as of July 31, 2017 Orion Vela map is end of life and will no longer be supported. After extensive research to replace this map system we have selected 911 Datamaster Spatial Scene & Spatial Station. The grant award is in the amount of amount of **\$45,844.86**

The second grant deals with our Automatic Location Identification (ALI) and Master Street Address Guide (MSAG) to bring management of these services in-house. The 911 Datamaster product Databond does this and the grant awarded is in the amount of **\$19,968.67**. As previously submitted this meets the criteria for a sole source approved by the County Purchasing Director (copy attached).

I have attached a supporting memorandum explaining in detail this project, project cost, and quotes obtained.

BOARD MEETS FIRST AND THIRD THURSDAY AT 5:30 P.M.

This is a reimbursement grant and will require an external budget amendment.
Total grant award is **\$65,813.53** and will require an external budget amendment in this amount.

CC: file



February 25, 2019

Columbia County Board of County Commissioners
P.O. Box 1529
Lake City, FL 32056-1529

FEID #: 59-6000564

Subject: Winter 2019 State - Reimbursement Grant Program

Dear Columbia County Board of County Commissioners:

The State of Florida E911 Board would like to congratulate you on your grant award for E911 revenue funds to improve the E911 system serving your county. According to the Winter 2019 Cycle State - Reimbursement Grant Program terms and conditions, grant funds shall be provided on a cost reimbursement basis.

In accordance with the State - Reimbursement Application Section 8.0, Financial and Administrative Requirements, subsection 8.1 states that grant funds be provided on a cost reimbursement basis. Subsection 8.4 states that upon written request and accompanying documentation justifying the need, a county may receive a payment of funding with a completed Expenditures Reporting Form, with the vendor invoice, and county certification that the specific grant items including all tasks and deliverables included in the funding request are complete. Within 45 days of transfer of funding or the check date, the county shall submit verification of payment to the vendor.

The following provides details concerning the Winter 2019 grant(s) to Columbia County:

<u>Grant Number</u>	<u>CSFA #</u>	<u>Amount Requested</u>	<u>Amount Approved</u>	<u>Purpose</u>
S12-19-02-02	72.003	\$19,968.67	\$19,968.67	
			\$19,968.67	Standalone E911 ALI Database
S12-19-02-03	72.003	\$45,844.86	\$45,844.86	
			\$5,578.84	Map Display Equipment for Backup
			\$11,567.65	Map Generation Equipment Replacement
			\$28,698.37	Map Display Equipment Replacement
Total Grant Awards:			\$65,813.53	


Separate interest-bearing accounting is required for the receipt and expenditure of all E911 grant revenues. Reimbursement request(s) shall include only expenditures claimed against the specific grant number awarded and include verification copies of purchase orders and paid vouchers, invoices and copies of checks or journal transfers.

The Florida Single Audit Act was established by the 1981 Legislature in Section 215.97, Florida Statutes, which became effective on July 1, 2000. All E911 grant funding is subject to the Florida Single Audit Act; acceptance of these funds signifies your acceptance of the requirement to comply with the Florida Single Audit Act.

The Board as an awarding agency and the County as a recipient must comply with the requirements of this Act. Please reference Sections 5, 6 and 7 of the Florida Single Audit Act at the following web site address:

The Board thanks you for your interest in 911 and improving public safety in Florida and your commendable efforts towards enhancing your 911 system. It is our hope that your county continues to ensure further public safety advancements in Florida.

Sincerely,



Matthew Matney, Chief
Bureau of Public Safety - E911

MM/KR

cc: Columbia County 911 Coordinator



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Today's Date: 3/1/2019 Meeting Date: 3/7/2019

Name: David Kraus Department: BCC Administration

Division Manager's Signature: 

1. Nature and purpose of agenda item:

To authorize the build out design and engineering of the utilities along Bell Road and to prepare alternates.

2. Recommended Motion/Action:

Motion to approve the engineering and design of the utilities along Bell Road and prepare alternates.

3. Fiscal impact on current budget.

This item has no effect on the current budget.

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

MEMORANDUM

TO: Columbia County Board of County Commissioners
FR: David Kraus, Assistant County Manager
DATE: March 1, 2019
RE: Engineering and Design for Bell Road Utilities

On December 20, 2018, the Columbia County Board of County Commissioners authorized staff to apply for additional grants for the infrastructure improvements on the Bell Road Corridor including, but not limited to, possible CDBG-ED funds and Rural Infrastructure – Total Participation grant funds. In working with the State and the City of Lake City, the County has applied for a \$100,000 Rural Infrastructure Grant for the engineering and design of the utilities for the Corridor Project. As part of the process to receive these funds, the Columbia County Board of County Commissioners approved an Inter-local Agreement with the City of Lake City for the design and engineering of the utilities for the Bell Road Corridor.

Recently, the County also was notified that the Economic Development Administration exhausted the Disaster Relief funds before it could fund the Bell Road Corridor project. The Legislature is considering a \$1,000,000 Legislative Appropriation request from the County for the water main that would serve the Corridor and provide redundant service to the Target Distribution facility. The County is also assisting the City of Lake City in applying for CDBG-ED funds for utilities along Bell Road. But CDBG funds will be limited to the infrastructure needed to provide service to the “job creator” and not the buildout of Bell Road. Staff plans to apply for a Rural Infrastructure Total Participation grant once the engineering RIF grant closes out.

While working on the contracts for the RIF grant, DEO has requested a copy of the scope of work to be completed. Arcadis Engineering has submitted a Scope of Work proposal to perform the grant funded engineering and design for the Bell Road Utilities at a cost of \$107,700 and 90 days for completion. This design is for the full buildout of the utilities needed along the corridor and this scope has been sent to DEO.

BOARD MEETS FIRST AND THIRD THURSDAY AT 5:30 P.M.

With the County not receiving EDA Disaster Relief funding, we have asked Arcadis to prepare alternatives to the build out design and an estimate of the costs of these alternatives. The County would fund this additional work from the existing budgeted Bell Road project funds. Upon completion, the County will know the cost of the full buildout and the cost of providing the options should we receive limited funding.

At this time, staff is requesting the Columbia County Board of County Commissioners authorize Arcadis to begin the design and engineering of the Bell Road Corridor Utilities and alternates.

Columbia County, Florida
BELL STREET UTILITIES PROJECT

Scope of Professional Services
Revised – 2/28/19

PROJECT BACKGROUND

Columbia County (COUNTY) has requested a proposal from Arcadis U.S., Inc. (CONSULTANT) for design plans preparation for utility improvements proposed for the Bell Street Corridor (NW Bell Street). NW Bell Street is currently an unimproved dirt road running south of, and parallel to, Interstate 10 in the northern part of Colombia County, Florida. Arcadis recently completed construction plans for roadway and drainage improvements to NW Bell Street; however, water, sewer and gas utilities are needed within the corridor.

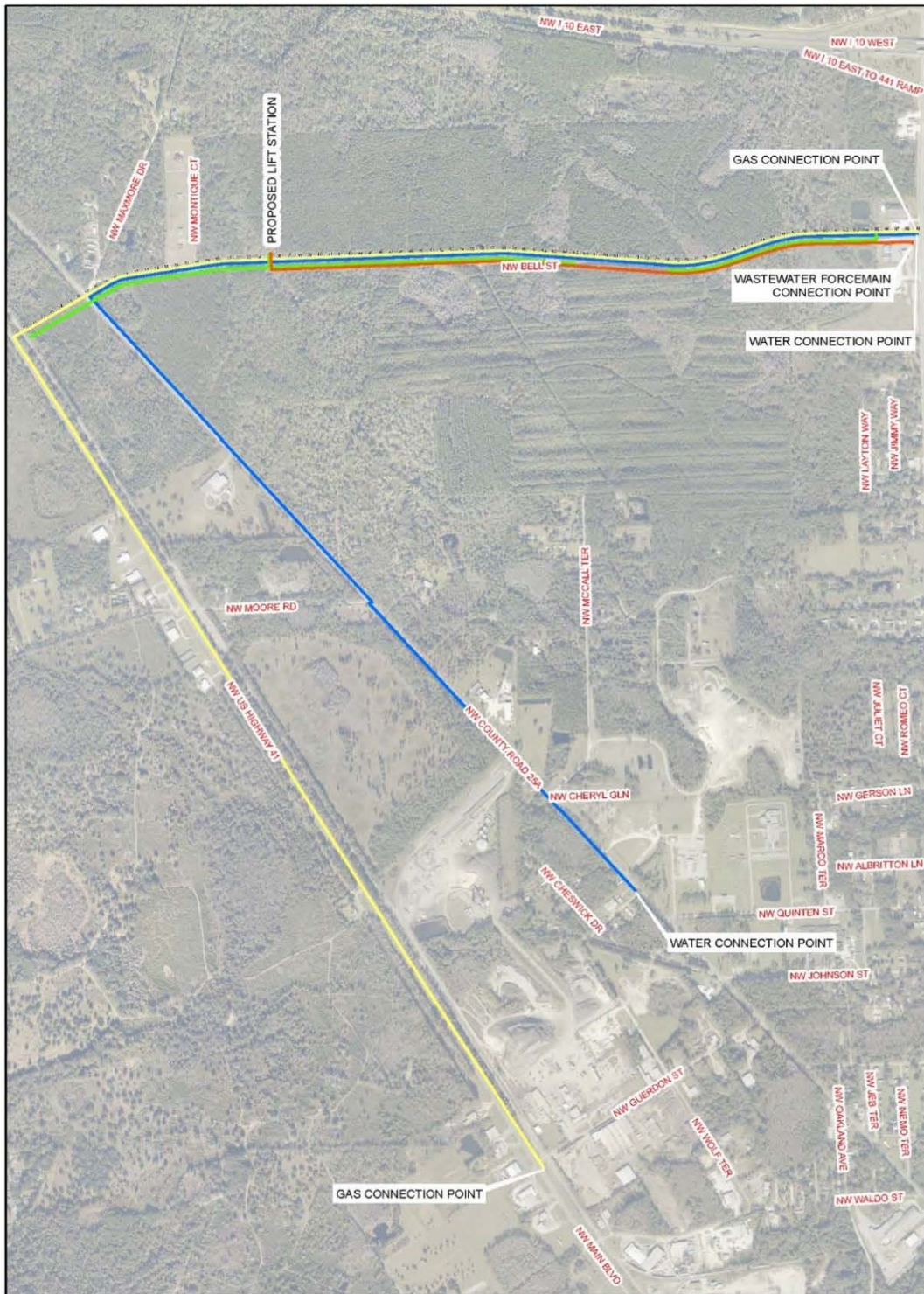
Columbia County is coordinating with the City of Lake City to provide these utility services. Connections to Lake City utilities will be made at the east end of NW Bell Street near its intersection with US Highway 441 (US 441). NW Bell Street is presently, and will continue to be, a County-owned and maintained roadway. However, the new water, sewer and gas utilities proposed under this project will be owned and maintained by Lake City via easements within the County's right-of-way.

By providing a key connector linking US 41 and US 441, this project is vitally important for the economic development of the area. It will provide the infrastructure necessary for planned industrial development projects.

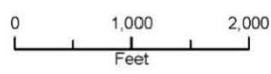
The project includes approximately 16,400 linear feet (LF) of 12-inch potable water main, 6,500 LF of 8-inch wastewater force main, 8,000 LF of 8-inch gravity sewer main, 18,800 LF of 6-inch gas main and a wastewater lift station.

A Project Area Map is depicted in Figure 1.

The following scope of engineering services presents CONSULTANT'S approach to design the utility improvements proposed for the Bell Street Corridor. Permitting, bidding and construction administration services are not included as part of this scope of work and will be submitted under a separate scope of work.



- Legend**
- Utilities**
- GAS-6"
 - WASTEWATER-FM-8"
 - WASTEWATER-OM-6"
 - WATER-12"



Bell Road Preliminary Utility Plan

Figure 1: Project Area Map

SCOPE OF WORK

Task 1 – Project Management

The project management services described under this task will cover all phases of this Scope of Services.

- 1.1. General Project Management Services: The Project Management effort includes project staffing, coordination with the COUNTY and management of schedule & budget over the anticipated duration of the project.
- 1.2. Monthly Invoices and Progress Reports: CONSULTANT shall prepare a monthly invoice, including a progress report summarizing the activities performed during the invoicing period for submittal to the COUNTY Project Manager.
- 1.3. CONSULTANT shall prepare and distribute agendas and supporting documentation for project meetings and prepare summaries from each meeting.
- 1.4. Quality Assurance/Quality Control: CONSULTANT shall provide quality assurance and quality control (QA/QC) reviews for the various design milestones. For this subtask, CONSULTANT shall utilize the services of senior and/or experienced professional engineers across the disciplines represented in the design. Such professionals, who will make up the QA/QC Team, shall be staff not routinely engaged in the project. The QA/QC Team shall prepare written comments at the appropriate stages of the design. The QA/QC Team is proposed to complete a review at the 90% and 100% Design Phases of the project.

Task 2 – Preliminary Activities

The following subtasks will be performed by CONSULTANT to become familiar with the project and for use in the design phase.

- 2.1. Data Collection / Review: The COUNTY will provide to the CONSULTANT the following information (if available) for CONSULTANT's review and use:
 - Record utility drawings within the project area
 - GIS data and/or atlas maps
 - Latest County and Lake City design standards, specifications and details
 - Existing geotechnical reports
 - Existing right-of-way and/or easement information
 - Existing survey, right-of-way and easement information
 - Any other relevant reports, studies or technical analysis
- 2.2. Kickoff Conference Call: The CONSULTANT will facilitate a kick-off conference call with the COUNTY to discuss project approach, critical path issues, milestones, design considerations and key contacts. Prior to the meeting, an agenda will be prepared by the CONSULTANT that will include (1) items to be discussed, (2) specific questions to be answered, and (3) any additional data requests.
- 2.3. Utility Coordination: The CONSULTANT will request a Design Ticket through the Sunshine 811 service to obtain a list of existing utility owners within the project limits. Each utility owner will be contacted to obtain as-built information. It is assumed as-built information will be readily available in a timely manner from the various utility owners.
- 2.4. Survey: The COUNTY will procure topographic and boundary survey services as

needed to facilitate proper design of the project. The CONSULTANT will provide COUNTY specifics on the scope of survey required.

- 2.5. Geotechnical: The COUNTY will procure geotechnical services along the proposed pipeline alignments on County Road 25A (water main alignment) and US Hwy 41 (gas main alignment) and at the proposed lift station site. The CONSULTANT will provide COUNTY specifics on the scope of geotechnical information required.

Task 3 – Design

Utilizing information collected in Task 2, the CONSULTANT will develop detailed design documents. The design plans will be prepared in AutoCad format as follows:

- Aerial photos (latest available) will be utilized as the basis on which to design the proposed 6-inch gas main along US Hwy 41 and the proposed 12-inch water main along County Road 25A. Plan view sheets will be created on 22"x34" drawings at a scale of 1" = 50'. Any topo and/or boundary survey work needed to supplement the aerials will be provided by the COUNTY.
- The "NW Bell Street Paving and Extension" plans (dated June 2017) previously designed by Arcadis will be utilized as the basis on which to design the 12-inch water main, 6-inch gas main, 8-inch gravity sewer and 8-inch wastewater force main proposed along NW Bell Street (between US 41 and US 441).

The Design will be submitted in two stages of completion to allow for input from the COUNTY. These stages will be 90% and 100% (Bid Ready). At each stage, an Engineer's Opinion of Probable Construction Cost (EOPCC) will be provided.

Project specifications will be Technical Specifications in CSI format, 2014 Master Format that will supplement the County's standard specifications (as required). Specifications will be submitted at the 90% and 100% (Bid Ready) stages.

Project design will specifically include the following:

- 3.1. Lift Station: A new lift station will be designed to collect flow from a proposed gravity collection system along NW Bell Street. After reviewing anticipated flow data provided by the COUNTY, the CONSULTANT shall assess the required capacity and total dynamic head required of the proposed lift station. The station will transfer wastewater to Lake City's existing sewer system near the intersection of NE Bell Street and US Hwy 441. It is anticipated that the design will be a packaged pumping system utilizing two submersible pumps. The required horsepower and electrical loads will be assessed from available manufacturer information. It is anticipated that the new lift station will be located on the north side of NW Bell Street. It is assumed the COUNTY will provide the CONSULTANT with the selected location of new lift station.
- 3.2. Gravity Sewer Collection System: A sanitary gravity sewer collection system consisting of approximately 8,000 LF of 8-inch PVC gravity sewer and associated manholes will be designed along NW Bell Street. It is anticipated that a portion of this collection system will direct flows to the proposed lift station (Task 3.1) and the remainder will be directed eastward to Lake City's existing sewer system near US 441.
- 3.3. Wastewater Force Main: An 8-inch PVC discharge force main will be designed to extend eastward approximately 6,500 LF along NW Bell Street from the proposed lift station (Task 3.1) to a point of connection to Lake City's existing sewer system near US 441. The force main size will be confirmed based on actual design flows.
- 3.4. Potable Water Main: A 12-inch PVC water main will be designed beginning at a

connection point on County Road 25A near NW Taft Lane and extending northward along County Road 25A to NW Bell Street. The water main will then turn eastward extending along NW Bell Street to a connection point within the west right-of-way of US 441. The total length of water main design will be approximately 16,400 LF.

- 3.5. Gas Main: A 6-inch gas main will be designed beginning at a connection point on US 41 near NW Guerdon Street and extending northward along US 41 to NW Bell Street. The gas main will then turn eastward extending along NW Bell Street to a connection point within the west right-of-way of US 441. The total length of gas main design will be approximately 18,800 LF.

PRELIMINARY DRAWING LIST

The preliminary list of design drawings is listed in the table below:

	Title Sheet
General	
G-01	Cover sheet and location map
G-02	General Notes
G-03	Abbreviations, Legend and Symbols
G-04	Key Map
Civil	
C-01	Lift Station Site Plan
C-02	Bell Road Force Main, Water Main, and Gravity Sewer
C-03	Bell Road Force Main, Water Main, and Gravity Sewer
C-04	Bell Road Force Main, Water Main, and Gravity Sewer
C-05	Bell Road Force Main, Water Main, and Gravity Sewer
C-06	Bell Road Force Main, Water Main, and Gravity Sewer
C-07	Bell Road Force Main, Water Main, and Gravity Sewer
C-08	Bell Road Force Main, Water Main, and Gravity Sewer
C-09	Bell Road Gas Main
C-10	Bell Road Gas Main
C-11	Bell Road Gas Main
C-12	Bell Road Gas Main
C-13	Bell Road Gas Main
C-14	Bell Road Gas Main
C-15	Bell Road Gas Main
C-16	Bell Road Gas Main
C-17	US Hwy 41 Gas Main
C-18	US Hwy 41 Gas Main
C-19	US Hwy 41 Gas Main
C-20	US Hwy 41 Gas Main
C-21	US Hwy 41 Gas Main
C-22	CR 25 A Water Main
C-23	CR 25 A Water Main
C-24	CR 25 A Water Main
C-25	CR 25 A Water Main
Structural	
S-01	Structural Notes, Legend and Abbreviations

S-02	Lift Station Plan and Section
S-03	Typical Structural Details
Mechanical	
M-01	Lift Station Plan and Notes
M-02	Lift Station Section
M-03	Mechanical Details
Electrical	
E-01	Electrical Notes, Legend and Abbreviations
E-02	Lift Station – One Line Diagram
E-03	Panel Schedules
E-04	Lift Station – Electrical Site Plan
E-05	Lift Station – Area Classification Plan
E-06	Electrical Details
Instrumentation	
I-01	Instrumentation Symbols and Legend
I-02	Lift Station Process and Instrumentation Diagram
I-03	Network Diagram and Installation Details
Total Number of Drawings = 48	

DESIGN PHASE SERVICES ASSUMPTIONS

- New lift station will be a pre-engineered duplex pump system.
- Project management time is greatly dependent on the schedule of the work. If for any reason the schedule is extended for reasons other than by CONSULTANT, the fees for project management time may increase.
- Utility routes and sizing have been determined by the COUNTY and will be used for the design. COUNTY requested utility routes and sizing are as described in this scope of work. No additional route study or utility sizing evaluations are included in this scope of work.
- The COUNTY will apply, pay for and obtain the required permits for the project. No permitting services are included.
- The COUNTY will procure any required survey and geotechnical work required for the design of the project.
- No endangered species services are included
- No wetlands services are included.
- No project specific Maintenance of Traffic plans are included.
- Front End documents and technical specifications to be utilized will be CONSULTANT standard documents.
- The design of an odor control system at the proposed pump station is not included.
- An auto-dialer with a maximum of 10 discrete alarms will be provided for the lift station system for alarm purposes. (The COUNTY does not have an existing SCADA system).
- Local telephone service to the site will be provided by the COUNTY.
- No SCADA system is provided.
- No separate survey is part of this scope of work. Survey and plat of easements to be provided by the COUNTY.

- No separate geotechnical investigation is part of this scope of work but will likely be required. Geotechnical to be provided by COUNTY.
- Any required easements required for the project is the responsibility of the COUNTY.
- 480v, 3-phase power is available for the new lift station site.

PROJECT SCHEDULE

Milestone	Calendar Days to Complete Task	Completion Date (Calendar Days from NTP)
Task 1 - Project Management	97	97
Task 2 - Preliminary Activities	7	7
Task 3.1 – Detailed Design		
90% Design	53	60
County Review of 90% design	15	75
100%/Bid Ready Package	21	96

COMPENSATION TO ARCADIS

For the Scope of Services described in this Scope of Services, CONSULTANT shall be compensated on a Lump Sum by task basis for a not to exceed fee of \$107,700.00 in accordance with the terms of the agreement as outlined in the schedule of compensation provided below. A breakdown of labor hours is presented below.

Task	Lump Sum
Task 1 - Project Management	\$ 4,020.00
Task 2 - Preliminary Activities	\$ 3,840.00
Task 3 - Design	\$ 99,840.00
Total	\$107,700.00

End of Scope of Services

**Work Authorization for
Bell Street Utility Project
Columbia County, Florida**

This Work Authorization constitutes a Project Agreement under the terms of the 2015 Agreement for Continuing Engineering Services contract between Columbia County and Arcadis, U.S. Inc. Arcadis will perform the Scope of Work described herein.

Execution

This Work Authorization for the Bell Street Utility Project shall be executed upon signed approval and acceptance below:

APPROVED BY:
COLUMBIA COUNTY

Signature

Date

Printed Name

Title

ACCEPTED BY:
Arcadis U.S, INC.

Signature

Date

Printed Name

Title