FOUR WATERS ENGINEERING, INC.
324 6th Avenue North
Jacksonville Beach, FL 32250
(904) 414-2400 Office

August 8, 2025
Sent Electronically

Mitchell Wills
Superintendent Public Works
City of LaBelle
P.O. Box 458
LaBelle, Fl 33935
MWills@citylabelle.com

Re: Proposal for Professional Engineering Services
Zone B – 100% Redesign – City Standards and Roadway

Dear Mr. Wills:

Four Waters Engineering, Inc. (4Waters) is pleased to provide this proposal to the City of LaBelle Public Works Department (City) for engineering assistance to update the design and scope of the Zone B Septic to Sewer Conversion Project to include the following:

- Roadway Design and SFWMD Permitting/Drainage Calculations – N Cypress Street (south of E Oklahoma Avenue)
- Paving and Grading Plan
- Watermain on East Washington Street – Utility Locates
- City Standard Changes
- Public Outreach Workshop

The proposal has been prepared based on information from discussions and a site visit with City staff.

4Waters has actively been working to complete the Zone B Septic to Sewer Project. When the proposal was initially prepared it was assumed that the roadways would go back to existing conditions and the current City standards would be utilized. Once the design began it was determined that a dirt roadway would require paving and lessons learned from the Zone A Septic to Sewer Project in relation to public outreach and road restoration needed to be incorporated. Additionally, it was determined that the overall project design would be impacted by the pending adoption of the Lee County water and sewer standards and identification of an unknow watermain on East Washington. In an effort to reduce change orders during construction and time delays, additional scope relating to these items has been broken down into five parts with details provided below:

Task A: Roadway Design and Permitting/Drainage Calculations – N Cypress Street (south of E Oklahoma Avenue)

The purpose of this task is to design and permit a roadway on N Cypress Street (south of E Oklahoma Avenue). As shown in the picture below, the current roadway is a combination of grass and dirt that provides access to three residences.

At a recent site visit it was determined that the roadway is desired to be improved to asphalt paving instead of returning to existing conditions upon completion of construction. This will require the following:

- Roadway layout and grading
- Roadway geometric and horizontal and vertical alignment
- Roadway pavement design, section and details
- Signage and striping
- Drainage modifications
- SFWMD Permitting and Drainage Calculations

The improvements and modifications for the roadway and drainage modifications will require an Environmental Resource Permit (ERP) through the SFWMD. The permit will include a stormwater management design for water quality and quantity. The necessary stormwater modeling and calculations will be included in the drainage report for submittal to acquire the necessary permit and meet SFWMD requirements. It is anticipated that up to two Double Ring Infiltrometer (DRI) tests will be done to support the design and permitting which will be completed by Universal Engineering Services, Inc. 4Waters will incorporate these modifications into the 100% design documents with applicable standards and specifications.

The roadway limits will be to the existing extent of the dirt roadway, it will not continue to SR80.

Permit fees will be paid directly by the Owner and are not included in this proposal. This proposal and proposed design are based on the current regulations for SFWMD. New stormwater treatment criteria go into effect December 28th, 2025; therefore, for current stormwater treatment criteria design must have an approved permit by this date. If the design requirements implemented by the SJRWMD change prior to the issuance of an ERP, the engineering design may be required to be altered to conform to the latest

criteria. 4Waters will provide an amendment to the existing signed proposal to include professional services of designing a civil set that conforms with the latest stormwater treatment criteria.

Task B: Paving and Grading Plan

Paving and grading plans outline the proposed reshaping of the land and the subsequent placement of pavement surfaces. These plans are crucial for the success of construction projects for the following reasons:

- Drainage and Erosion Control –
  - Grading ensures water flows away from buildings, preventing flooding and potential property damage.
  - Properly sloped surfaces help control stormwater runoff, reducing the risk of erosion and soil instability.
  - Efficient drainage also prevents the formation of puddles and standing water, which can create safety hazards.
- Structural Stability –
  - Grading provides a level base for foundations, ensuring they are stable and less susceptible to settling or cracking.
  - A stable base also supports pavement, preventing potholes, heaving, and other issues caused by inadequate support.
- Cost Savings –
  - Provides contractor with detailed instructions for pavement limits to mitigate the loss of benchmarks during construction.
  - Proper grading can prevent costly future repairs by addressing drainage and stability issues early on.
  - Efficient grading also minimizes the amount of soil that needs to be moved, potentially reducing earthwork costs.

The exact installation date of the roadways in the Zone B area is unknown, however, it is apparent that they have exceeded their useful life. Requiring the contractor to install the roadway to existing or better conditions--a City standard that was previously applied on the Zone A project--is not the best option for the community. 4Waters recognizes that this project will be closely watched by the community and the City wishes to maintain a positive perception. In order to set the project up for success it is recommended that a paving and grading plan be incorporated into the design to clearly define the way in which the contractor is responsible for installing the roadways. It is anticipated that 2" of asphalt will be required with a 2% cross slope and driveways will tie-in as best possible for smooth transition onto private property. The drawings associated with the paving and grading plans will be incorporated into Task D.

Task C: Watermain on East Washington Street

At a recent site visit a watermain was identified by City staff on the north side of East Washington. It was requested that the current design be reevaluated to determine if the proposed watermain and gravity main requires adjustment to allow for continued water service during construction. East Washington is a dead-end street with a narrow right-of-way, therefore understanding the location of utilities in the area will allow for ease of construction and limit the time the residences are impacted by the roadway closures.

4Waters proposes to have AIM Engineering & Surveying, Inc (AIM) perform subsurface utility locates (SUE) Level-B to determine the location of the existing watermain and other existing utilities along this roadway. 4Waters will conduct a site visit to briefly verify the data and information provided by AIM. Any comments or questions will be submitted to AIM for response or additional data collection as necessary. This

information will be used to adjust the design as necessary and will be incorporated into Task D. AIMs proposal is provided at the end of this document for reference.

Task D: City Standard Changes – 100% Redesign

4Waters understands that the City is currently utilizing the Lee County standards and is in the process of adopting new City standards. The original scope of work included the use of outdated standards that are no longer representative of City regulations. Design standards allow a utility to meet regulatory compliance requirements, promote efficiency and consistency for operations staff, ensure safety, provide system cost effectiveness, and are crucial for building safe and reliable infrastructure while protecting the environment and residents.

To this end, 4Waters proposes updating the current 100% design drawings and specifications to reflect the new City standards. Additionally, changes will need to be made to the engineer's opinion of probable cost and updates to the permitting documentation required by FDEP. It is understood that the Lee County standards will be the template with minor modifications. 4Waters will coordinate with City and operations staff to ensure appropriate design standards are being utilized. All above tasks will be incorporated into Task D.

For 100% design completion submittal, one (1) half size (11"x17") hard copy (signed and sealed by a Florida Registered Professional Engineer) and two (2) electronic copies (PDF and Word/Excel) of the final construction documents will be provided to the City.

Task E: Public Outreach Workshop

Resident buy-in concerning the need and goals of the project and required traffic control measures will be important in order to minimize community complaints during construction. 4Waters staff will facilitate one (1) project workshop during Task D to inform the public of the project and gain feedback on public concerns. 4Waters will prepare and provide workshop documents and materials for the public workshop. The workshop is intended to be a separate meeting from typical Commission meetings and will not be a formal PowerPoint presentation. The meeting will have map displays for residents to view the project area, understand impacts on traffic and proposed timelines. 4Waters staff will be available to answer questions and a full set of plans will be made available. 4Waters will also provide the City with the public notification language to be provided by the City to the residents.

Schedule and Professional Service Fees

We are available to begin work immediately upon execution of an agreement. Our proposed lump sum fee for the effort is $72,818.06. It is estimated that the fees will have the following breakdown:

City of LaBelle, Florida
Proposal for Professional Engineering Services
Zone B – 100% Redesign – City Standards and Roadway

Task Description	Project Manager $150.00 Hours $	Senior Engineer $135.00 Hours $	Design Engineer $110.00 Hours $	CAD Draft $75.00 Hours $	Admin-istrative $45.00 Hours $	Sub Consultants - AIM	Direct Costs	**Total Professional Service Fees**
Task A-1 Roadway Design – N Cypress Street (south of E Oklahoma Avenue)	4 $600.00	8 $1,080.00	12 $1,320.00	16 $1,200.00	0 $0.00	$2,000.00	$100.00	6,300.00
Task A-2 SFWMD Permitting and Drainage Calculations	6 $900.00	10 $1,350.00	16 $1,760.00	8 $600.00	2 $90.00	$0.00	$100.00	4,800.00
Task B Paving and Grading Plan	24 $3,600.00	32 $4,320.00	48 $5,280.00	64 $4,800.00	0 $0.00	$0.00	$200.00	18,200.00
Task C Watermain on East Washington Street	2 $300.00	4 $540.00	0 $0.00	0 $0.00	2 $90.00	$3,448.06	$350.00	4,728.06
Task D-1 City Standard Changes – 100% Redesign	24 $3,600.00	32 $4,320.00	64 $7,040.00	80 $6,000.00	0 $0.00	$0.00	$350.00	21,310.00
Task D-3 City Standard Changes – 100% Redesign Cost Estimate	4 $600.00	6 $810.00	12 $1,320.00	0 $0.00	0 $0.00	$0.00	$0.00	2,730.00
Task D-3 City Standard Changes – 100% Redesign Specificiations	8 $1,200.00	16 $2,160.00	24 $2,640.00	0 $0.00	8 $360.00	$0.00	$0.00	6,360.00
Task D-4 City Standard Changes – 100% Redesign Permitting	4 $600.00	10 $1,350.00	0 $0.00	16 $1,200.00	0 $0.00	$0.00	$0.00	3,150.00
Task E Public Outreach Meeting	4 $600.00	24 $3,240.00	4 $440.00	0 $0.00	8 $360.00	$0.00	$600.00	5,240.00
TOTAL	80 **$12,000.00**	142 **$19,170.00**	180 **$19,800.00**	184 **$13,800.00**	20 **$900.00**	**$5,448.06**	**$1,700.00**	**72,818.06**

We appreciate this opportunity to work with the City. If you have any questions, please contact me at lconstantino@4weng.com or (904) 414-2400 Ext. 52.

With best regards,
Four Waters Engineering, Inc.

Laura C. Constantino

Laura C. Constantino, MSE
Project Manager

FOUR WATERS ENGINEERING, INC.

By_____
Laura Constantino, MSE

Title Principal

Date_____

CITY OF LABELLE

By_____

Print Name and Title_____

Date_____

CITY OF LABELLE

By_____

Print Name and Title_____

Date_____

AIM Engineering & Surveying, Inc.

Corporate Office
2161 Fowler Street
Suite 100
Fort Myers, FL 33901

239-332-4569
800-226-4569
www.aimengr.com

Successfully providing our clients and the community with quality planning, engineering and surveying since 1980.

July 17, 2025

Laura C. Constantino, MSE
GIS/Engineering Manager,
Four Waters Engineering, Inc.
324 6th Ave North
Jacksonville, FL 32250
lconstantino@4weng.com

Dear Ms. Constantino,

RE: City of Labelle Water Main Locating-Washington Ave

SCOPE OF SERVICES (SUE):

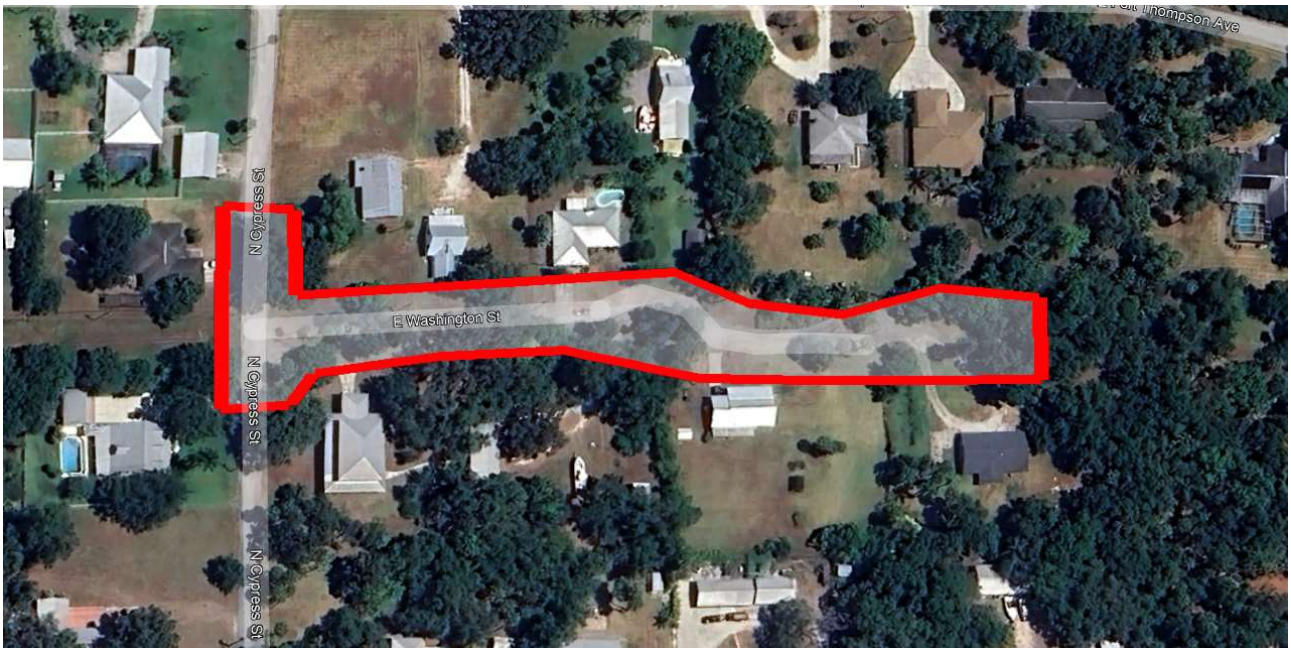
- Perform SUE Quality Level-B (designates) along E. Washington Ave, east of N. Cypress St. as needed to determine location of existing water main and other existing utilities within the project area (see project area map attached).
- Perform an estimated 2 SUE Quality Level-A test holes for verification of utility size, type, material, size and elevation on detected utilities to ensure positive ID.
- Provide photos of all utilities exposed during SUE activities (when possible, based on ground water)
- Perform survey collection of SUE data and provide CADD delivery of information and test hole data sheet.

SCHEDULE OF WORK: Work will begin within 10 days of NTP and will be completed within 15 days of NTP.

PROFESSIONAL FEES: $3,448.06

City of Labelle

PROJECT AREA:



CLOSING

Thank you for the opportunity to provide these Professional Subsurface Utility Engineering Services. If there are any questions, please do not hesitate to contact the undersigned.

We look forward to working with you now and in the future.

Sincerely,

Grant Fichter
Survey Manager, AIM Engineering & Surveying Inc.
239-872-2625
gfichter@aimengr.com