



September 29, 2025

P-9954

Ms. Phyllis A. Wallace
Deputy Public Works Director
City of Deltona
201 Howland Boulevard
Deltona, Florida 32738

**Re: Continuing On-Call Stormwater Engineering Services
RFQ No. PW-2020-08**

**Subj: Lake Windsor Stormwater Force Main Relocation Project
Final Design, Permitting, and Post-Design Services**

Dear Ms. Wallace:

Please find attached of the following revised information for your review and approval associated with the above referenced project:

- Exhibit "A" (Scope of Work);
- Exhibit "B" (Figures);
- Exhibit "C" (Manhour and Fee Estimate); and
- Exhibit "D" (Subconsultant Fee Proposals).

It is our understanding that the City has recently been awarded \$2.2M in American Rescue Plan Act (ARPA) – COVID -19 Funding to be applied to the above referenced project. The purpose of this proposal is to provide final design, permitting, and post-design services for the relocated 12-inch stormwater force main that will serve as "dry-line" in the event the City needs to deploy a trailer mount pump.

We look forward to serving the City of Deltona on this important assignment. If you have any questions regarding the enclosed documents, please contact me directly at 407-992-9160, extension 309, or by e-mail at david@pegasusengineering.net.

"Engineering a Higher Standard"

Ms. Phyllis A. Wallace
September 29, 2025
Page 2

Sincerely,


PEGASUS ENGINEERING, LLC


David W. Hamstra, P.E., CFM
Stormwater Department Manager

Enclosures

**Lake Windsor Stormwater Force Main Relocation Project
Final Design and Permitting Services**

Approved for Pegasus Engineering, LLC


Fursan Munjed, P.E.

Principal
Officer's Title

September 29, 2025
Date

This proposal is hereby accepted and authorization to proceed is hereby given.
(Please return one executed copy of this proposal for our Pegasus Engineering records).

Authorized Signature

Officer's Title

Date

Exhibit “A”

Scope of Work

EXHIBIT "A"
SCOPE OF WORK
FOR THE
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION PROJECT

INTRODUCTION

The Lake Windsor / Elston Lake watershed is located in the northeast portion of the City, and high water levels have previously flooded residential structures (e.g., 2560 West Tulsa Drive), caused roadway overtopping (e.g., South Dorchester Drive and Riverhead Drive), inundated public lands (e.g., Dwight Hawkins Park), and adversely impacted the performance of onsite septic systems. Since the Lake Windsor / Elston Lake watershed is land-locked, flooding impacts are caused by significant rainfall events (e.g., Hurricane Irma, Tropical Storm Fay, and recently Hurricane Ian) as well as by prolonged periods of above average rainfall (e.g., El Niño period in 1997/1998).

Before Deltona became a City, Volusia County used a trailer-mounted portable pump to convey floodwaters from Lake Windsor / Elston Lake through a 12-inch asbestos coated PVC force main into the Lake Theresa watershed. The force main was installed from the intersection of Courtland Boulevard and Windsor Heights Street to a wooded area located south of Haulover Boulevard and west of Belkton Court (refer to **Exhibit "B"**). After Deltona incorporated, the City continued to deploy a trailer-mounted portable pump and utilize the existing 12-inch asbestos coated PVC force main that was originally installed by Volusia County.



EXHIBIT "A"
SCOPE OF WORK
FOR THE
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION PROJECT

In 2007, the City's stormwater consultant (Hartman & Associates) designed and permitted a permanent stormwater pump station and force main on Riverhead Drive to convey floodwaters from Lake Windsor to Deep Creek (refer to **Exhibit "B"**). Even though the permanent stormwater pump station was eventually constructed, the City still uses the trailer-mounted portable pump and force main to convey floodwaters from Lake Windsor / Elston Lake into the Lake Theresa watershed.

That said, and given the age of the existing 12-inch asbestos coated PVC force main as well as the precarious alignment behind approximately 45 homes, the City has decided to install a new stormwater force main and abandon the existing stormwater force main that was originally installed by Volusia County. The proposed force main route is described below (refer to the 11" x 17" figures provided in **Exhibit "B"**):

- From 2657/2665 Courtland Boulevard to the intersection of Courtland Boulevard and Belkton Court (approximately 4,900 feet). It should be noted that the proposed force main will be located along the east right-of-way of Courtland Boulevard, between the edge of pavement and the existing sidewalk.
- From the intersection of Courtland Boulevard and Belkton Court to the Belkton Court cul-de-sac (approximately 500 feet). It is unknown at this time if the proposed force main will be located within the north or south right-of-way, although the City's atlas maps show that an existing potable water line is already located on the north side of Belkton Court between the edge of pavement and the existing sidewalk.
- The proposed force main will connect to an existing drainage system located at the end of the Belkton Court cul-de-sac, where an existing storm pipe discharges between the homes at 2800/2801 Belkton Court. The existing drainage system will be evaluated hydraulically to determine if additional improvements are required to convey the pumped flow.

EXHIBIT "A"
SCOPE OF WORK
FOR THE
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION PROJECT

PROFESSIONAL ENGINEERING SERVICES

Pegasus Engineering, LLC (Consultant), shall provide professional engineering services for final design and permitting as enumerated below:

1. Prepare and issue Notice to Proceed Letters and execute Subconsultant Agreements to the Surveyor and Subsurface Utility Engineer (Reserve Geospatial and GeoPoint Surveying, Inc.); and the Geotechnical Engineer (GEC/Geotechnical and Environmental Consultants, Inc.).
2. As a subconsultant to Pegasus Engineering, Reserve Geospatial will prepare a topographic survey suitable for the engineer's use in developing the construction plans.

The survey subconsultant shall supply the Consultant with AutoCAD survey drawings depicting the existing topographic features within the project limits. The survey subconsultant shall also provide the City and the Consultant signed and sealed copies of all final work products.

3. Conduct a field review to confirm the content and accuracy of the preliminary topographic survey, and identify potential site constraints and possible utility conflicts.
4. As a subconsultant to Pegasus Engineering, GEC will perform subsurface investigations and prepare a report summarizing the geotechnical investigation.
5. Coordinate with the companies providing utility services to identify all known utilities. Based on the design tickets obtained from Sunshine 811 (fka, Sunshine State One-Call of Florida), the following utilities have been identified (Design Ticket 206200778):

- | | |
|---------------------------------------|-----------------------------------|
| • Lumen/CenturyLink (fiber/telephone) | • Crown Castle (fiber) |
| • Deltona Water (water) | • Spectrum/Charter Communications |
| • FPL (electric) | (cable TV) |
| • AT&T (telephone) | |

EXHIBIT "A"
SCOPE OF WORK
FOR THE
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION PROJECT

6. Coordinate with GeoPoint Surveying to horizontally locate and field mark subsurface utilities and prepare utility designation drawings. Also, coordinate with SSMC to perform twelve (12) utility test holes at locations where conflicts are anticipated with the proposed force main.
7. Prepare for and conduct a pre-application meeting with the St. Johns River Water Management District (SJRWMD) to discuss the proposed improvements. The goal of the pre-application meeting is to establish the permitting criteria, the type of permit, and the corresponding permit application fee.
8. Prepare 60% concept plans (Plan and Profile sheets).
9. Prepare for and conduct an on-site meeting with City staff prior to final design to discuss the proposed force main alignment, the 60% concept plans, and other important issues (e.g., entrance to Water Treatment Facility #8).
10. Prepare a hydraulic analysis of the existing drainage system located at the end of the Belkton Court cul-de-sac, specifically to determine if additional improvements are required to convey the pumped flow.
11. Prepare all construction plans necessary to form a complete and single bid package ready to award for construction. All design parameters, surveys, and construction plans shall be submitted in English Standard units. At a minimum, it is anticipated that the preparation of 90% construction drawings for the proposed improvements will include the following thirty-three (33) sheets:
 - Title Sheet (1 sheet)
 - Key Sheet and General Notes (1 sheet)
 - Plan and Profile for Courtland Boulevard (8 sheets)
 - Plan and Profile for Belkton Court (1 sheet)
 - Sediment and Erosion Control (9 sheets)
 - Miscellaneous Details (3 sheets)
 - Topographic Survey (10 sheets)

EXHIBIT "A"
SCOPE OF WORK
FOR THE
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION PROJECT

12. Prepare a probable construction cost estimate for the proposed improvements. Statements of probable construction costs and detailed cost estimates prepared by the Consultant represents his/her best judgment as a design professional familiar with the construction industry.
13. Coordinate with City staff to prepare the front-end documents and the supplemental specifications.
14. Prepare and submit an Environmental Resource Permit (ERP) application to the SJRWMD (electronically through the SJRWMD e-Permitting portal) and address one (1) round of Request for Additional Information (RAI) comments.
15. Determine if temporary construction easement(s) are required to perform the work. If needed, coordinate with the survey subconsultant to prepare the easement document(s).
16. Conduct a meeting with City staff to discuss the 90% construction plans.
17. Prepare and submit the bid documents (100% construction plans, bid schedule, engineer's estimate of probable construction cost, and supplemental specifications).
18. Prepare and submit final construction plans.
19. Review and process shop drawings associated with the utility pipe and fittings.
20. Address four (4) Requests of Information (RFIs) from the contractor during construction.
21. Perform four (4) site inspections during construction and provide documentation for the project file.
22. Perform a final site inspection and review the as-built drawings.
23. Prepare and submit an As-built Certification and Request for Conversion to Operation Phase to the SJRWMD (electronically through the SJRWMD e-Permitting portal).
24. Prepare and submit an Engineer's Certificate of Compliance which documents that the constructed improvements are consistent with the approved construction plans.

EXHIBIT "A"
SCOPE OF WORK
FOR THE
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION PROJECT

GENERAL

The Consultant will adhere to the following procedures throughout the course of the contract.

1. Ninety percent (90%) complete construction plans shall be furnished to the City of Deltona for review and approval prior to final plans submittal. Two (2) sets shall be given to the City of Deltona. Upon final review and approval, the Consultant shall submit three (3) signed and sealed sets of the final construction plans to the City of Deltona for their files.
2. Final construction cost estimates shall show quantity breakdowns of all items following the Florida Department of Transportation (FDOT) numbering system.
3. Digital copies of all construction plans and work products shall be provided to the City of Deltona at the conclusion of the contract.

BASIS OF PROPOSAL / ASSUMPTIONS

The following conditions and assumptions are noted as qualifications to this proposal.

1. It is assumed that the City can secure temporary construction easements (TCE) or some type of similar authorization if needed to construct the proposed improvements.
2. This scope of work has assumed no permitting with the Florida Department of Environmental Protection (FDEP) for relocating or replacing any existing water and/or sewer lines within the project limits.
3. The Contractor shall prepare and submit Maintenance of Traffic (MOT) plans to the City for review and approval prior to construction.
4. Since the proposed construction activities are anticipated to result in more than 1-acre of disturbed land, a National Pollutant Discharge Elimination System (NPDES) construction permit application from the Environmental Protection Agency (EPA) will be required. Therefore, a Storm Water Pollution Prevention Plan (SWPPP), a Notice of Intent (NOI) and a Notice of Termination (NOT) will need to be prepared by the Contractor and submitted to FDEP.

EXHIBIT "A"
SCOPE OF WORK
FOR THE
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION PROJECT

5. Preparation of bid documents is limited to the construction plans, bid schedule, the engineer's estimate of probable construction cost, and any technical specifications that are required to supplement or amend the FDOT Standard Specifications. The scope of work for this proposal assumes that City staff will be responsible for preparing the "front end" for the project manual, the bid advertisement and solicitation, etc.
6. Permit application fees are not included and will be provided by the City.

Exhibit “B”

Figures



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SEE SHEET 4

SEE SHEET 2



LAKE WINDSOR STORMWATER
FORCE MAIN RELOCATION PROJECT
CITY OF DELTONA, FLORIDA

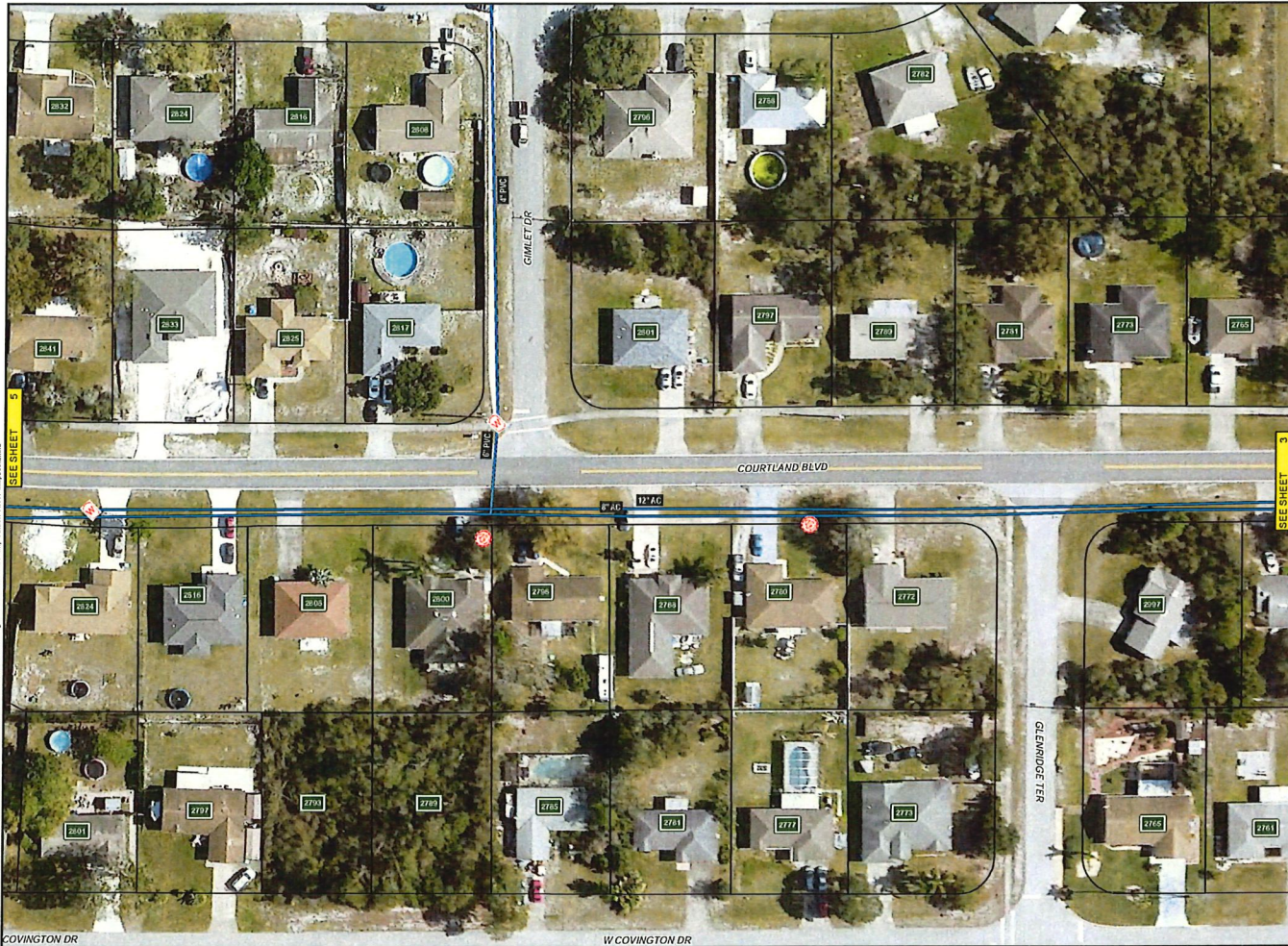


Pegasus
ENGINEERING
301 WEST STATE ROAD 434, SUITE 309
WINTER SPRINGS, FL 32708
TEL: 407.551.1111 FAX: 407.551.1155
WEB: WWW.PEGASUSENGINEERING.NET

JOB NO.: DEL-22003
DATE: 1/16/2023

SHEET
3 of 9

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SEE SHEET 5

SEE SHEET 3



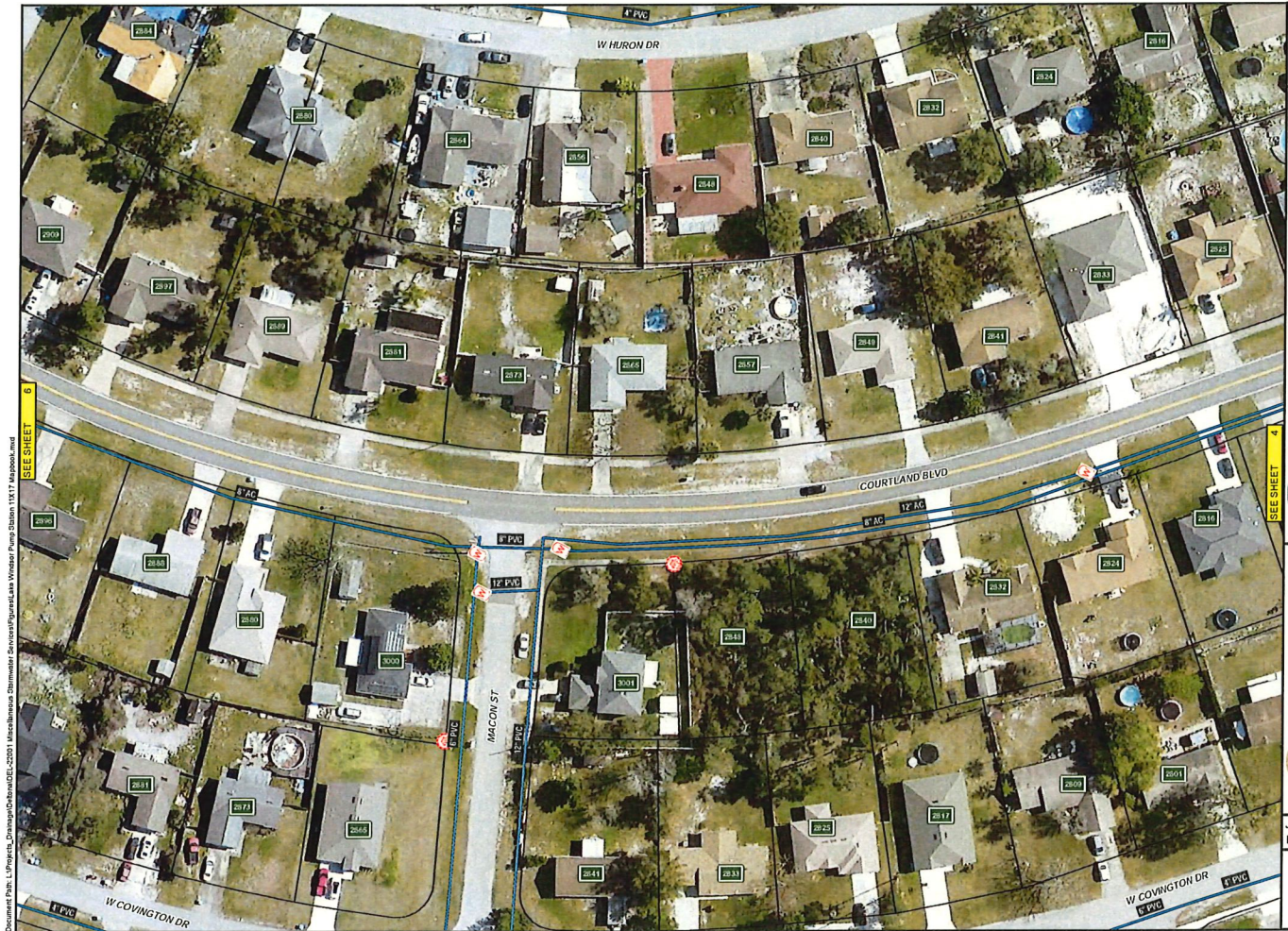
LAKE WINDSOR STORMWATER
FORCE MAIN RELOCATION PROJECT
CITY OF DELTONA, FLORIDA



Pegasus
ENGINEERING
301 WEST STATE ROAD 434, SUITE 309
WINTER SPRINGS, FL 32708
TEL: 407.555.8888
WEB: WWW.PEGASUSENGINEERING.NET

JOB NO.: DEL-22003
DATE: 1/16/2023

SHEET
4 of 9



**LAKE WINDSOR STORMWATER
FORCE MAIN RELOCATION PROJECT**

CITY OF DELTONA, FLORIDA

SCALE: 1" = 60'

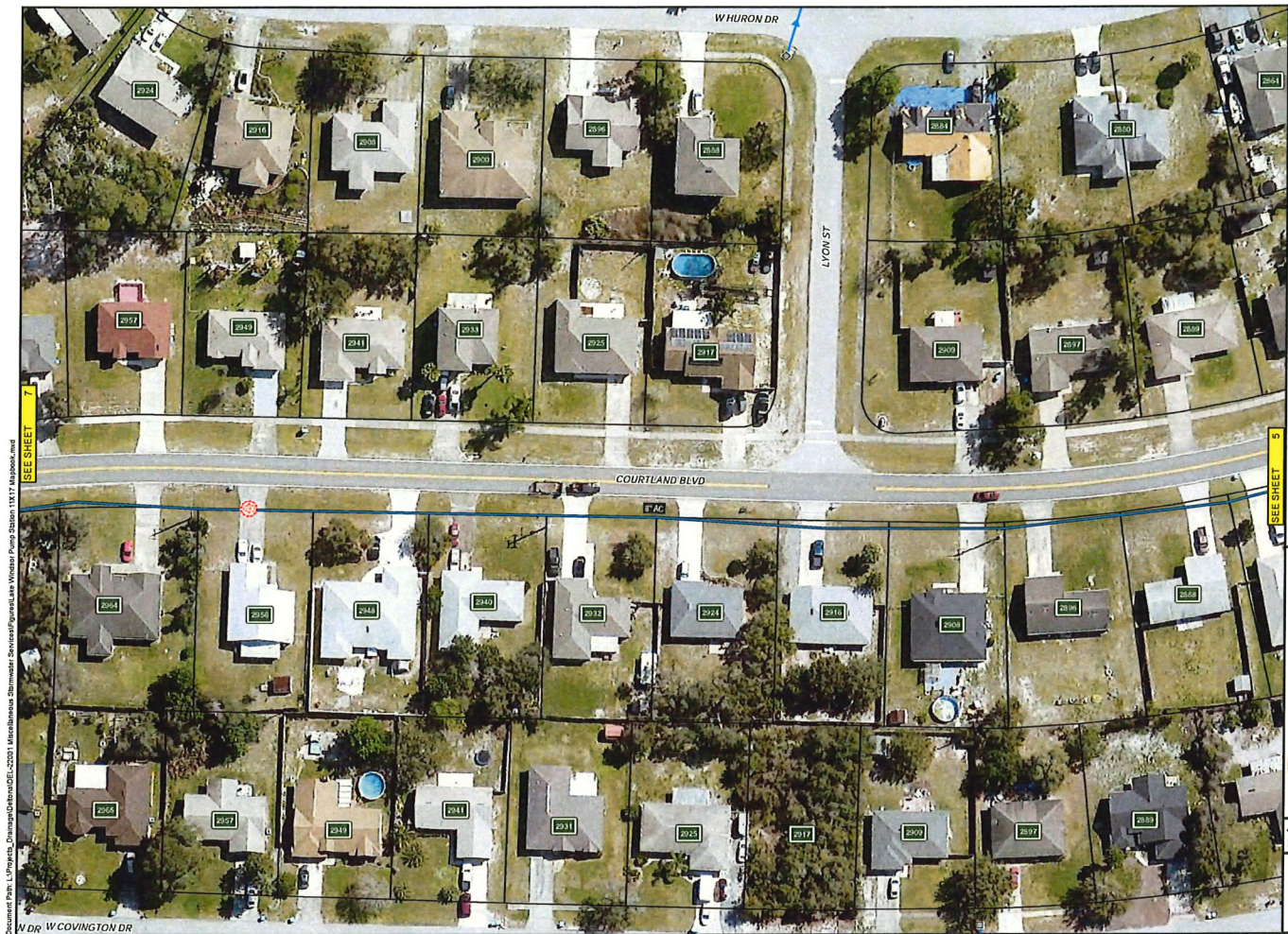
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Pegasus ENGINEERING
301 WEST STATE ROAD 434, SUITE 309
WINTER SPRINGS, FL 32708
TEL: 407.639.8888
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City of Deltona
ENGINEERING DEPARTMENT

JOB NO: DEL-22003
DATE: 1/16/2023

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5 of 9



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**LAKE WINDSOR STORMWATER
FORCE MAIN RELOCATION PROJECT**

CITY OF DELTONA, FLORIDA

SCALE: 1" = 60'

0 60

Pegasus
ENGINEERING

301 WEST STATE ROAD 434, SUITE 309
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TEL: 407.639.4444 FAX: 407.639.4445
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JOB NO.: DEL-22003
DATE: 1/16/2023

SHEET

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SEE SHEET 8



SCALE: 1" = 60'

**LAKE WINDSOR STORMWATER
FORCE MAIN RELOCATION PROJECT**

Pegasus Engineering
301 WEST STATE ROAD 434, SUITE 309
WINTER SPRINGS, FL 32708
TEL: 407.655.8845
WWW.PEGASUSENGINEERING.NET

JOB NO.: DEL-22003
DATE: 1/16/2023

SHEET
7 of 9

CITY OF DELTONA, FLORIDA



Exhibit “C”

Manhour and Fee Estimate



EXHIBIT "C"
MANHOUR and FEE ESTIMATE
 for the
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION
Final Design and Permitting Services



Task Description (Effective Date: September 29, 2025)	Sr. Project Manager (Hamstra, P.E.)	Project Manager (Teague, P.E.)	Senior Designer (Greenough)	Administrative Assistant (Staff)	Task Hours	Task Fees
Standard Hourly Rates	\$195.00	\$185.00	\$100.00	\$80.00		
Prepare and transmit the Notice to Proceed Letters and Sub-consultant Agreements		4		2	6	\$900.00
Sub-consultant Coordination		8			8	\$1,480.00
Review the Preliminary Topographic Survey Drawings and transmit sufficiency comments		6			6	\$1,110.00
Review the Draft Geotechnical Engineering Report and transmit sufficiency comments		6			6	\$1,110.00
Conduct a Field Review to confirm the Accuracy and Content of the Preliminary Survey Drawings	4	6			10	\$1,890.00
Coordinate with the Utility Service Providers		2		8	10	\$1,010.00
Prepare for and Conduct a SJRWMD Pre-Application Meeting with District Representatives	2	4			6	\$1,130.00
Prepare 60% Concept Plans		60			60	\$11,100.00
Prepare for and Conduct an On-Site Meeting with City staff prior to Final Design	4	4			8	\$1,520.00
Prepare 90% Construction Plans (33 sheets)					0	\$0.00
>> Title Sheet (1 sheet)		6			6	\$1,110.00
>> Key Sheet and General Notes (1 sheet)		6			6	\$1,110.00
>> Plan and Profile for Courtland Boulevard (8 sheets)		128			128	\$23,680.00
>> Plan and Profile for Belkton Court (1 sheet)		16			16	\$2,960.00
>> Sediment and Erosion Control (9 sheets)		54			54	\$9,990.00
>> Miscellaneous Details (3 sheets)		32			32	\$5,920.00
>> Topographic Survey (10 sheets)		12			12	\$2,220.00
Prepare Probable Construction Cost Estimate		8			8	\$1,480.00
Prepare and Submit an ERP Application to the SJRWMD	4	40	12	4	60	\$9,700.00
Address RAI Comments from the SJRWMD (assume one round)	2	24	8	2	36	\$5,790.00
Determine if TCE's are required and coordinate with City Staff and the Surveyor		8			8	\$1,480.00
Meet with City Staff to discuss the 90% Review Comments	2	4			6	\$1,130.00
Prepare and Submit Final Construction Plans		80			80	\$14,800.00



EXHIBIT "C"
MANHOUR and FEE ESTIMATE
 for the
LAKE WINDSOR STORMWATER FORCE MAIN RELOCATION
Final Design and Permitting Services



Task Description (Effective Date: September 29, 2025)	Sr. Project Manager (Hamstra, P.E.)	Project Manager (Teague, P.E.)	Senior Designer (Greenough)	Administrative Assistant (Staff)	Task Hours	Task Fees
Standard Hourly Rates	\$195.00	\$185.00	\$100.00	\$80.00		
Review and Process Shop Drawings (Submittals and One Round of Resubmittals)		60		8	68	\$11,740.00
Address Request for Additional Information (RFI's) from the Contractor (assume 4 total)		32		4	36	\$6,240.00
Perform and Document Site Inspections during Construction (assume 4 total)		24		4	28	\$4,760.00
Perform a Final Site Inspection and Review the As-Built Drawings		12			12	\$2,220.00
Prepare and Submit an Engineer's Certificate of Compliance		4			4	\$740.00
Project Administration (prepare status reports via monthly billings and QA/QC submittals)	40			12	52	\$8,760.00
TOTAL HOURS	58	646	20	42	766	
TOTAL LABOR COSTS	\$11,310.00	\$119,510.00	\$2,000.00	\$3,360.00	\$136,180.00	\$136,180.00
PERCENT BREAKDOWN	8.3%	87.8%	1.5%	2.5%	100.0%	
Breakdown in Fees						
(1) Total Labor Costs (Pegasus Engineering)					=	\$136,180.00
(2) Reimbursable Expenses					=	\$1,500.00
(3) Sub-consultant - Reserve Geospatial and GeoPoint Surveying					=	\$39,210.00
(4) Sub-consultant - Geotechnical and Environmental Consultants (GEC)					=	\$19,040.00
TOTAL LUMP SUM FEE					=	\$195,930.00

Filename : P-9954

Exhibit “D”

Subconsultant Fee Proposals

Reserve Geospatial

RESERVE GEOSPATIAL

February 27, 2025

CLIENT INFORMATION:

Gregory Teague, PE, CFM
Pegasus Engineering, LLC
301 West State Road 434, Suite 309
Winter Springs, FL 32708
407-992-9160, ext 311
greg@pegasusengineering.net

PROJECT INFORMATION:

Lake Windsor Stormwater Force Main Relocation
Near intersection of Windsor Heights Street and Courtland Boulevard, Deltona, FL 32738
Section 12, Township 18 South, Range 31 East, Volusia County, Florida

SCOPE OF WORK:

Provide surveying service to meet the Standards of Practice as outlined by the Florida Board of Professional Land Surveyors in Chapter 5J-17 FAC, Section 472.027 of the Florida Statutes, to include the following:

Task I Topographic Survey:

1. Establish Survey control relative to NAD83 and NAVD88 datum.
2. Locate above ground fixed improvements.
3. Collect spot elevations of natural ground and improvements suitable for preparation of a Digital Terrain Model (DTM) at one-foot contour intervals.
4. Locate and detail adjacent storm and sewer systems to include pipe type, size and invert elevations.
5. Topographic coverage will be limited to the full Right of Way plus 5 feet either side of the route shown in red on the attached exhibit.
6. Locate Survey monumentation and calculations to determine apparent Right of Way lines within the project area.
7. Add data provided in Task II to the Survey deliverable.

Task II Subsurface Utility Engineering (SUE) Services: (Performed by Geopoint Surveying, Inc.; see attached proposal)

DELIVERABLES:

Provide digitally signed and sealed Topographic Survey and Civil 3D CAD file.

TIMELINE:

Anticipated delivery will be six (6) weeks after notice to proceed authorization and return of signed scope letter for Task I and the Utility Designation portion of Task II. The verification portion of Task II will be scheduled with the client after locations are provided.

COMPENSATION: (See attached fee sheet for Fee Breakdown)

Our fee for the above-referenced work will be as follows:

Pegasus Engineering, LLC
Lake Windsor Stormwater Force Main Relocation
February 27, 2025



Task I Topographic Survey:	\$18,210.00
Task II Subsurface Utility Engineering (SUE) Services	\$21,000.00
Total:	\$39,210.00

See attached fee sheet for fee breakdown of Task I

PAYMENT:

Payment is due within 30 days of receipt of the invoice.

We appreciate the opportunity to provide these Surveying services to you.

A handwritten signature in blue ink that reads "Jesse Hodapp".

Jesse Hodapp, PSM

AUTHORIZATION:

If you agree with the terms outlined in this Scope of Work, please have an authorized person sign below and send to jhodapp@reservegeo.com to serve as official notice to proceed.

I have read and accept the Scope of Work as outlined hereon.

Signature

Date

Printed Name

Title (if any)

Exhibit

Project Route & Scope

Legend

- Dwight Hawkins Park
- Feature 1
- Feature 2
- Lake Windsor Force Main Relocation
- Nice & Sweet Bakery
- Win Show Events



Fee Sheet

Client Information

Gregory Teague, PE, CFM
Pegasus Engineering, LLC
301 West State Road 434, Suite 309
Winter Springs, FL 32708
407-992-9160, ext 311

Date: February 27, 2025

Project Information

Lake Windsor Stormwater Force Main Relocation
Near intersection of Windsor Heights Street and Courtland Boulevard, Deltona,
FL 32738
Section 12, Township 18 South, Range 31 East, Volusia County, Florida

Activity	Professional Surveyor		CAD Technician		2 Man Survey Crew		Admin		Activity Fee Total
	Hrly Rate	\$ 125.00	Hrly Rate	\$ 90.00	Hrly Rate	\$ 150.00	Hrly Rate	\$ 40.00	
	Man Hrs	Fee	Man Hrs	Fee	Man Hrs	Fee	Man Hrs	Fee	
Control	1	\$ 125.00	2	\$ 180.00	10	\$ 1,500.00			\$ 1,805.00
Topographic Survey	7	\$ 875.00	30	\$ 2,700.00	60	\$ 9,000.00			\$ 12,575.00
Structure Details	1	\$ 125.00	2	\$ 180.00	5	\$ 750.00			\$ 1,055.00
Right of Way	3	\$ 375.00	10	\$ 900.00	10	\$ 1,500.00			\$ 2,775.00
Total	12		44		85				

Fee Breakdown

Professional Surveyor	\$ 1,500.00
CAD Technician	\$ 3,960.00
2 Man Survey Crew	\$ 12,750.00
Admin	\$ -
Additional Fees	
Additional Fees	
Additional Fees	
Lump Sum Fee Total	\$ 18,210.00

GeoPoint Surveying, Inc.

February 26th, 2025



Jesse Hodapp
Reserve Geospatial

RE: Lake Windsor Force Main

Dear Jesse,

Thank you for selecting GeoPoint Surveying, Inc. to provide Subsurface Utility Engineering services for the above referenced project. Our services under this proposal, which will turn into a binding contract upon your signature ("**Contract**"), are as follows:

Scope of Services:

A Sunshine 811 dig ticket will be acquired to determine the utility agencies/owners (UA/Os) within the project limits and have utilities marked 48 hours prior to vacuum excavation. An investigation of the available utility records, as-builts, and atlas maps will be performed to support the utility locating efforts.

Ground Penetrating Radar (GPR) Investigation-Quality Level B

Ground penetrating radar technologies will be employed to investigate the presence of non-toneable subsurface anomalies consistent with utility infrastructure as shown on the provided map. GeoPoint will provide paint markings and/or flags on the ground to show the approximate horizontal position of the utilities.

Electronic Designating-Quality Level B

GeoPoint will utilize electromagnetic equipment to detect and designate toneable utility infrastructure as shown on the provided map. GeoPoint will provide paint markings and/or flags on the ground to show the approximate horizontal position of the utilities.

Vacuum Excavation-Quality Level A

GeoPoint will perform vacuum excavations on utilities as shown on the provided map. The results shall depict the utility's type, size, material, and depth of cover. The utilities will be exposed up to eight feet deep. An air lance will be used to probe

and attempt to get the depth of utilities found deeper than eight feet. The excavated soils will be backfilled, compacted in six-inch lifts and graded to the original condition.

Survey:

- Vertical datum will be NAVD88 unless instructed otherwise in writing.
- Horizontal datum will be NAD83/2011 (State Plane Coordinates, Florida East Zone).

Utilities:

- Locate visible evidence of utilities pursuant to the FHWA/ASCE Quality Level C definition.
- Locate utility markings and test hole locations placed by GeoPoint's SUE crew to achieve FHWA/ASCE Quality A and B definition.

The results of the investigation will be marked in the field, photographed, surveyed and presented in CAD and PDF format.

General Understandings and Excluded Services

The professional services that GeoPoint will provide under this Proposal/Agreement include, and are limited to, those described in the Scope of Services. All other services, including those listed below, are specifically excluded:

- MOT/TTC
- Permitting
- Vacuum Excavations in Hard Surfaces

Please note certain geophysical conditions may interfere with electronic designating, GPR and vacuum excavation results which may not effectively identify all underground utilities. Use of air lance to detect location of utilities may not detect all utilities present and is based on interval probe, depth and utility size.

Fee Schedule:

Phase	Description	Fee Type	Unit Price	Estimated Quantity	Total
1	Quality Level B Designating	Lump Sum	NA	NA	\$13,800.00
2	Quality Level A Vacuum Excavations-Natural Ground	Per Hole	\$600.00	12	\$7,200.00

If the foregoing and the Terms and Conditions of the Contract in **Attachment "A"**, meets with your approval, please execute the acceptance below and return one copy for our files. We certainly look forward to working with you on this project.

Sincerely,

GeoPoint Surveying, Inc.

Accepted By: Reserve Geospatial



(Authorized Signature)

Michael Wolf
VP of Subsurface Utility Engineering

(Print Name and Title)

(Authorized Signature)

Date: _____

(Print Name and Title)

Attachment "A"

Terms and Conditions

All fees stated in this Contract shall be payable in full, in monthly installments, based on the percentage of work completed in that month, as mutually agreed upon, or, if appropriate, on an hourly basis at GeoPoint Surveying, Inc.'s prevailing hourly rates, subject to any agreed upon limits.

In addition to the fees in this Contract, we charge all out-of-pocket expenses such as photocopying, long distance telephone calls, postage, etc. These expenses will be charged to the Client at GeoPoint Surveying, Inc.'s cost.

Work will be billed on the 20th of each month under the terms of this Contract or upon completion, and GeoPoint Surveying, Inc. shall expect payment by the tenth of the following month. Client shall pay the invoice and statement in accordance with the terms of this Contract and the terms of said statement and invoice. If Client fails to make any payment due GeoPoint Surveying, Inc. for services within 30 days of the invoice date, the amount(s) due shall accrue interest at the rate of 1 ½ percent per annum, and shall be calculated from the first day that the payment is deemed late pursuant to this Section.

In the event this Contract is terminated prior to completion, GeoPoint Surveying, Inc. shall be entitled to payment for services performed as of the date of termination, plus all out-of-pocket expenses.

Client shall indemnify, defend and hold harmless GeoPoint Surveying, Inc., from and against any claims, liabilities, damages, penalties and/or costs (including, without limitation, reasonable attorney's fees and expenses) GeoPoint Surveying, Inc., may incur as a result of claims in any form by third parties (including, without limitation, governmental agencies and departments) relating to or arising out of this Contract, except to the extent such claims arise from the gross negligence or intentional misconduct of GeoPoint Surveying, Inc.

The prevailing party in any litigation between the parties relating to or arising out of this Contract (including, without limitation, trial, appellate and bankruptcy proceedings) shall recover its reasonable attorney's fees and costs from the non-prevailing party.

The Client, upon executing this Contract authorizes the work described within the Scope of Services Section of this Contract and does so on behalf of the owner of the subject property, and warrants that the Client has authority to sign the Contract.

All documents, including but not limited to drawings, reports, and electronic data which have been or will be prepared, designed, written or developed by GeoPoint Surveying, Inc., in any form or fashion while rendering services to Client or that pertain to the work performed under this Contract (the "**Documents**") are the sole property of GeoPoint Surveying, Inc. Client may not use or modify such Documents on other projects or extensions of this project without the prior written approval of GeoPoint Surveying, Inc. Client agrees that GeoPoint Surveying, Inc. shall be considered the author of the Documents for all purposes and the owner of all the rights comprised in the undivided copyright (and all reissues, renewals and extensions thereof) in and to the Documents and of any and all corresponding intellectual property rights. Notwithstanding any provision in this Contract to the contrary, in the event of a default by Client including, without limitation, any failure to pay amounts due within 30 days of invoice date, GeoPoint Surveying, Inc., shall be entitled to exclusive possession of any and all of the Documents prepared pursuant to this Contract and Client shall have no rights in the Documents.

Attachment "A"

Terms and Conditions

This Contract and the rights of the signers under this Contract shall be governed by the laws of the State of Florida, without reference to the choice of law principles thereof. The exclusive venue for all actions to enforce or interpret the provisions of this Contract will be courts of the State of Florida or of the United States having jurisdiction over Hillsborough County, Florida. All parties irrevocably waive any objection they may have to the laying of venue of any suit, action or proceeding arising out of or relating hereto brought in any such court, irrevocably waives any claim that any such suit, action or proceeding so brought has been brought in an inconvenient forum, and further waives the right to object that such court does not have jurisdiction over such party.

Your acceptance of this proposal shall constitute a Contract between the Client and GeoPoint Surveying, Inc.

Client agrees not to assign this Contract or any part hereof without the prior written consent of GeoPoint Surveying, Inc. which consent may be withheld by GeoPoint Surveying, Inc. for any reason it deems appropriate in its sole discretion. GeoPoint Surveying, Inc. may assign or transfer this Contract or any of its rights or obligations hereunder without the prior written consent of Client. This Contract shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

Each provision of this Contract will be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Contract is held to be prohibited by or invalid under applicable law, such provision will be ineffective only to the extent of such prohibition or invalidity, without invalidating the remainder of this Contract.

GeoPoint Surveying, Inc., in furnishing the services under this Contract, is acting only as an independent contractor and shall have the exclusive control of the manner and means of performing the work contracted for hereunder. GeoPoint Surveying, Inc. does not undertake by this Contract or otherwise to perform any obligations of Client, whether regulatory or contractual, or to assume any responsibility for Client's business or operations. Nothing contained in this Contract shall be construed to create a joint venture or partnership between the parties.

The exhibits and other attachments to this Contract are hereby incorporated by reference and made part hereof. This Contract constitutes the entire understanding of the parties with respect to the subject matter hereof and there are no restrictions, warranties, covenants or undertakings other than those expressly set forth or referred to herein. This Contract may not be modified or amended except by an instrument in writing signed by the party against whom enforcement of any such modification or amendment is sought.

The waiver by either of the parties of breach or violation of any provision of this Contract shall not operate as, or be construed to be, a waiver of any subsequent breach of the same or other provisions hereof.

Geotechnical and Environmental Consultants (GEC)



September 26, 2025

Pegasus Engineering
301 West SR 434, Suite 309
Winter Springs, FL 32708

Attention: Mr. David Hamstra, P.E., CFM
Stormwater Department Manager

Subject: Proposal for Geotechnical Engineering Services
LAKE WINDSOR FORCE MAIN RELOCATION
Deltona, Florida
GEC Proposal No. 12337G

Dear David:

Geotechnical and Environmental Consultants, Inc. (GEC) is pleased to provide this proposal for the above-referenced project. Our proposed scope of services is based on the project information you provided to us, as shown on **Attachment 1**, and our correspondence on September 23, 2025. The purpose of this investigation is to explore soil and groundwater conditions at the site and to use the information obtained to provide geotechnical engineering recommendations for site preparation, and design and construction of the proposed force main. This proposal presents our understanding of the project, our recommended scope of services, and a cost and schedule for providing those services.

Site Location and Description

The site is located at along Courtland Boulevard in Deltona, Florida as shown on **Attachment 1**. More specifically the proposed force main begins at 2657/2665 Courtland Boulevard and continues west, approximately 4,900 feet, to the intersection of Courtland Boulevard and Belkton Court. The force main then extends from the intersection approximately 500 feet down Belkton Court to the existing stormwater discharge at the cul-de-sac of Belkton Court. Courtland Boulevard and Belkton Court are two lane residential roads with single family residential structures.

Project Description

We understand that project plans for this site include the construction of a new force main to replacing the aging existing 12-inch asbestos coated PVC force main within the right-of-way of Courtland Boulevard and Belkton Court. The proposed force main will be located along the eastern portion of the right-of-way along Courtland Boulevard between the edge of pavement and the existing sidewalk. At this time it has not been determined which side of Belkton Court the force main will be located on. GEC also understands that the force main will be installed/constructed conventionally without the use of directional drilling operations.

Scope of Services

Based on the project information provided, our experience, and the local standard of care, we recommend the following scope of services:

- Stake boring locations at the site.
- Clear utilities at the boring locations.
- Mobilize Truck mounted drilling equipment and personnel.
- Perform 20 Standard Penetration Test (SPT) borings to a depth of 10 feet along the proposed force main alignment.
- Perform routine laboratory soil classification tests to enhance visual soil classification of samples obtained.
- Issue a geotechnical engineering report signed and sealed by a Geotechnical Engineer licensed in Florida that will address the following topics:
 - Subsurface conditions at the boring locations
 - Measured and estimated seasonal high groundwater depths
 - Site preparation
 - Fill selection, placement and compaction

Cost

The cost to provide the scope of services is a Limiting Amount fee of \$19,040.00. **Attachment 2** documents our detailed scope of services and fees. (Our fees will be billed based on the actual units of work performed and the unit rates shown on Attachment 2; however, we will not exceed the limiting amount without your authorization.) This fee includes an electronic copy of our report emailed to you.

Schedule

Based on our present schedule, we can initiate the field exploration within 2 weeks after receiving formal authorization to proceed. The field exploration is anticipated to take up to 1 to 2 business days to complete, weather permitting. Laboratory testing would require an additional 1 to 2 weeks after completion of the field exploration. Our schedule to complete the work will be about 6 weeks from your written notice to proceed. If requested, verbal recommendations can be provided after the fieldwork is completed. Our schedule is highly dependent on Sunshine 811 and the utility providers/locators clearing the soil boring locations within the allotted 48-hour time frame.

Authorization

Upon your acceptance of this proposal, please forward current property contact information so we can coordinate access to the site for our field activities.

Limitations

This proposal is subject to the following limitations:

- The site will be accessible to the drilling equipment assumed above. If other types of drilling equipment become necessary due to site and/or weather conditions, appropriate adjustments to the actual fees will be necessary
- We assume no responsibility for damage to underground utilities and/or structures that are not located by the owner or Sunshine State One-Call
- Assessment of environmental contamination at the site is not included
- This proposed exploration is not intended to be an evaluation for sinkhole potential
- Survey services are not included in this proposal. We will estimate boring elevations based on provided topographic information, if available
- This fee proposal will remain in effect for 90 days. If you require more than 90 days to authorize us to proceed, we request that we be allowed to review our proposal to adjust our cost estimate, if necessary.

Closure

GEC appreciates the opportunity to submit this proposal. If you have any questions regarding this proposal, or if we can be of further assistance, please contact the undersigned.

Very truly yours,

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.



Ryan J. Petersen, E.I.
Engineer Intern

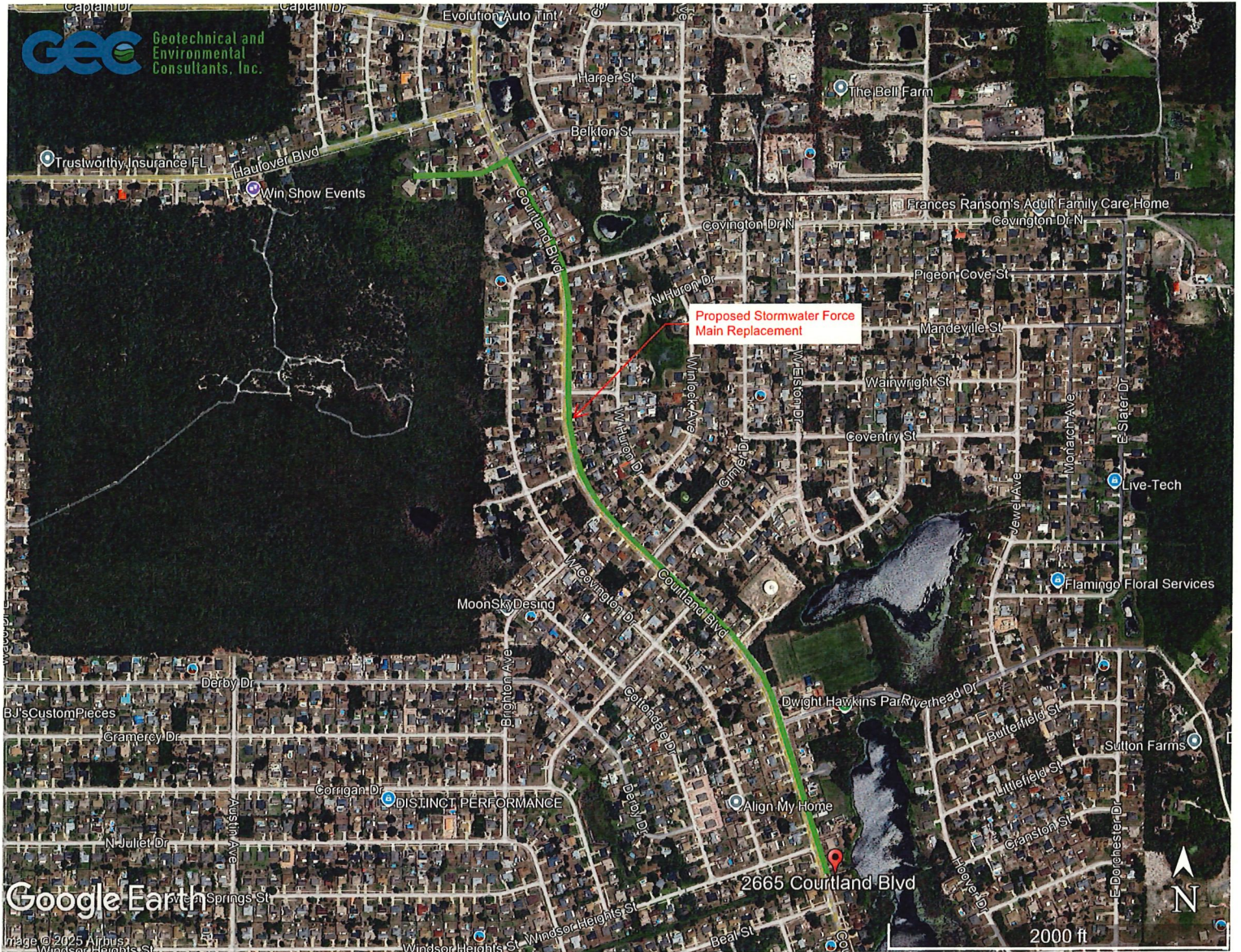


Daniel C. Stanfill, P.E.
Senior Vice President

ATTACHMENTS



Geotechnical and
Environmental
Consultants, Inc.



Proposed Stormwater Force
Main Replacement

2665 Courtland Blvd

2000 ft



Google Earth

Image © 2025 Airbus
Windsor Heights St

ATTACHMENT 2
Geotechnical Scope of Services and Fee Estimate
Lake Windsor Force Main
Deltona, Florida
GEC Proposal No. 12337G

ITEM	QUANTITY	UNIT	UNIT RATE	COST	NOTES
FIELD SERVICES					
Truck Rig Mobilization	1	EACH	\$750.00	\$750.00	
GPS Unit	1	DAY	\$120.00	\$120.00	
Drill Rig and Crew – Truck/Mud Bug (3 person)	6	HOUR	\$400.00	\$2,400.00	
MOT Portable Safety Signs (each)	12	DAY	\$65.00	\$780.00	
SPT Borings – Truck (0 - 50 Ft)	200	FOOT	\$20.50	\$4,100.00	20 @ 10'
3 - inch Casing – Truck (0 - 50 ft)	100	FOOT	\$13.50	\$1,350.00	
FIELD SERVICES TOTAL COST				\$9,500.00	
LABORATORY SERVICES					
Natural Moisture Content	4	EACH	\$20.50	\$82.00	
Percent Fines	12	EACH	\$55.00	\$660.00	
Organic Content	2	EACH	\$54.00	\$108.00	
Atterberg Limits (Plastic & Liquid Limits)	2	EACH	\$145.00	\$290.00	
Corrosion Series	5	EACH	\$290.00	\$1,450.00	
LABORATORY SERVICES TOTAL COST				\$2,590.00	
PROFESSIONAL SERVICES					
Chief Engineer	2	HOUR	\$300.00	\$600.00	
Senior Engineer	6	HOUR	\$270.00	\$1,620.00	
Engineer Intern	18	HOUR	\$135.00	\$2,430.00	
Senior Engineering Technician	8	HOUR	\$145.00	\$1,160.00	
Draftsman	8	HOUR	\$120.00	\$960.00	
Secretary	2	HOUR	\$90.00	\$180.00	
PROFESSIONAL SERVICES TOTAL COST				\$6,950.00	
TOTAL COST ESTIMATE				\$19,040.00	