

CONSULTING SERVICE AGREEMENT

#18-73

AMENDMENT #5

This AMENDMENT is made and entered into, effective as of the date last executed, by and between, Polk County (the “County”), a political subdivision of the State of Florida, situated at 330 W. Church Street, Bartow, Florida 33830, and Dewberry Engineers, Inc. (the “Consultant”), a New York corporation, located at 800 N. Magnolia Ave., Suite 1000, Orlando, Florida 32803, whose Federal Employer Identification number is 13-0746510.

WITNESSETH:

WHEREAS, the County and Consultant entered into Consulting Service Agreement 18-73 dated December 26, 2018 (the “Agreement”), for the purpose of providing professional services in connection with the CR 557 Widening Project including developing and evaluating alternative roadway design and alignment, recommending a preferred alignment, and preparing preliminary roadway plans for widening of CR 557; and

WHEREAS, the Agreement was amended via Amendment #1 on September 1, 2020, to engage the Consultant to provide continuing professional services associated with the CR 557 widening project including permitting, final design, bidding support, and community awareness services from W. Alfred Street to south of Interstate 4; and

WHEREAS, on September 1, 2020, the County and the City of Lake Alfred entered into a Joint Project Agreement (JPA) for a proposed water main within the scope of the JPA, and as a result, the County and the Consultant included additional services and compensation to the Agreement in the amount of \$1,100,893.47, bringing the total not-to-exceed amount of the Agreement to \$4,141,876.00; and

WHEREAS, the Agreement was amended via Amendment #2 on December 6, 2022, to engage the Consultant to develop and evaluate alternative roadway design and alignments, provide a recommendation, and prepare preliminary and final plans for improvements to the CR 557 and US 92 intersection in Lake Alfred. The cost of the additional design services for Amendment #2 was a not-to-exceed fee of \$693,396.38. The total agreement amount increased to \$4,835,272.38; and

WHEREAS, the Agreement was amended via Amendment #3 on August 22, 2023, to engage the Consultant to design a surcharge program required to stabilize the soils for roadway construction; lighting plans for the entire length of the project and a stand-alone set of plans for construction of the Old Lake Alfred Road roundabout to facilitate advanced construction of the intersection. The cost of the additional design services for Amendment #3 was a not-to-exceed fee of \$429,107.94. The total agreement amount increased to \$5,264,380.32; and

WHEREAS, the Agreement was amended via Amendment #4 on May 21, 2024, to split the remainder of the project design into two segments to facilitate phased construction of the project. The first segment extends from W. Alfred Street to the southern limits of the Old Lake Alfred Road Roundabout. The second segment extends from the northern limits of the Old Lake Alfred Road Roundabout to south of Interstate 4, and includes final design, permit coordination and bidding phase services. The cost of the additional design services for Amendment #4 was a not-to-exceed amount of \$107,261.84. The total agreement amount increased to \$5,371,642.16; and

WHEREAS, due to changes in which entities will be soliciting from the construction phase of the project, the County has requested that the existing plan sets be combined into one plan set and bid package to

facilitate construction, and will include maintenance of traffic redesign, quantity adjustments and utility coordination.

WHEREAS, pursuant to Section 16.0 of the Agreement, the County and the Consultant mutually agree to amend the Agreement as set forth below.

NOW, THEREFORE, the County and the Consultant, hereby agree as follows:

1. The recitals stated above are true and correct and are fully incorporated herein.
2. The Agreement is hereby amended to modify Exhibit "A-iii" Scope of Services and Compensation of the Agreement to include the additional services needed, which are more fully set forth and described in Attachment "A" of this Amendment, attached hereto and fully incorporated herein.
3. The Agreement will remain in effect through the completion of construction.
4. The cost of the additional design services, which is more fully set forth and described in Attachment "A" to this Amendment #5, shall be a not-to-exceed amount of \$169,142.01. Accordingly, the total agreement amount shall be increased from the prior not-to-exceed amount of \$5,371,642.16 to the new not-to-exceed amount of \$5,540,784.17.
7. The Agreement, as amended by this Amendment #5, continues in full force and effect.

THE REMAINDER OF PAGE LEFT INTENTIONALLY BLANK

IN WITNESS WHEREOF, the parties hereto have executed this Amendment #5 as of the Effective Date.

ATTEST:

STACY M. BUTTERFIELD
CLERK OF THE BOARD

Polk County, a political subdivision
of the State of Florida

By: _____
Deputy Clerk

By: _____
T.R. Wilson, Chairman
Board of County Commissioners

Date Signed By County _____

Reviewed as to form and legal sufficiency:

Wade Miller 5/6/25
County Attorney's Office Date

Dewberry Engineers, Inc.
a New York corporation

By: [Signature]
Kevin Knudsen
PRINT NAME
Vice President
TITLE

Date: 5/12/25

ACKNOWLEDGEMENT OF FIRM IF A LIMITED LIABILITY COMPANY

STATE OF _____ County OF _____
The foregoing instruments was acknowledged before me by means of ☐ physical presence or ☐ online notarization this _____ (Date) by _____ (Name of officer or agent) as _____ (title of officer or agent) of the Company on behalf of the Company, pursuant to the powers conferred upon him/her by the Company. He/she personally appeared before me at the time of notarization, and ☐ is personally known to me or ☐ has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____ (Date) .

(Official Notary Signature and Notary Seal)

(Name of Notary typed, printed or stamped)
Commission Number _____ Commission Expiration Date _____

ACKNOWLEDGEMENT OF FIRM, IF A CORPORATION

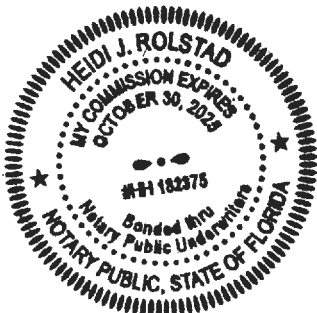
STATE OF FLORIDA County OF Orange
The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization this 5/12/2025 (Date) by Kevin Knudsen (Name of officer or agent) as Vice President (title of officer or agent) of the Corporation on behalf of the Corporation, pursuant to the powers conferred upon him/her by the Corporation. He/she personally appeared before me at the time of notarization, and ☒ is personally known to me or ☐ has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this 5/12/2025 (Date) .
Heidi J Rolstad (Official Notary Signature and Notary Seal)
HEIDI J Rolstad (Name of Notary typed, printed or stamped)
Commission Number 1182375 Commission Expiration Date October 30, 2025

ACKNOWLEDGEMENT OF FIRM, IF AN INDIVIDUAL

STATE OF _____ County OF _____
The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization this _____ (Date) By _____
(Name of acknowledging) who personally appeared before me at the time of notarization, and ☐ is personally known to me or ☐ has produced _____ as identification and did certify to have knowledge of the matters in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____ (Date) .

(Official Notary Signature and Notary Seal)

(Name of Notary typed, printed or stamped)
Commission Number _____ Commission Expiration Date _____



Attachment A

SCOPE OF SERVICES

FOR

**CR 557 (BUENA VISTA DRIVE) WIDENING
FROM W. ALFRED STREET TO SOUTH OF INTERSTATE 4**

AMENDMENT #5

POLK COUNTY

Prepared by:

Dewberry Engineers Inc.

March 24, 2025

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AMENDMENT #5
SCOPE OF SERVICES
FOR
CR 557 WIDENING PROJECT
POLK COUNTY

I. DESCRIPTION

Dewberry Engineers Inc. (CONSULTANT) will provide professional services to Polk County Roads and Drainage Division (COUNTY) to finalize Contract Documents for the construction of CR 557 from W. Alfred Street to South of Interstate 4 (length approximately 5.8 miles).

II. PURPOSE

This scope of services is for the purpose of defining additional services for the project that were not contemplated or included in the original project, including:

Three individual stand-alone plan sets were developed for the CR 557 widening project in order to phase the construction efforts and advance completion of the CR 557 and Old Lake Alfred Road Roundabout. Based on the project schedule and permitting, the County has requested that the three individual plan sets be combined into one set of plans for the entire project from W. Alfred Street to Interstate 4. The major work efforts will include eliminating the temporary transitions between projects, modifying the maintenance of traffic sequencing and combining the plan sheets and quantities.

III. OBJECTIVES

The CONSULTANT shall prepare Contract Documents for construction of the project. Elements of work shall include Survey, Right-of-Way Mapping, Roadway and Drainage Plans, Traffic Control Plans, Signing and Pavement Marking Plans, Signalization Plans, Utility Adjustment Plans, Geotechnical Investigations, Special Provisions, Environmental Permits, Construction Quantity Estimates, Construction Cost Estimates, and Community Awareness Services.

IV. SERVICES

A. Survey (by COUNTY)

1. General

The COUNTY will provide the required design survey information.

B. Right-of-Way Maps (by COUNTY)

1. Right-of-Way Maps

The COUNTY shall be responsible for the preparation of preliminary and final Right-of-Way Maps.

2. Legal Descriptions

Legal land descriptions and parcel sketches shall be prepared by the COUNTY.

C. Design Traffic Analysis

The CONSULTANT will use the CR 557 traffic analysis. No new analysis is required.

D. Roadway Design

The construction plans and documents shall be combined into one set of plans to facilitate construction of the CR 557 project.

1. Typical Section

The typical section shall be in general accordance with the typical sections defined in the current CR 557 plans.

2. Pavement Design

The CONSULTANT shall use the proposed asphaltic concrete pavement design in the current CR 557 plans.

The CONSULTANT will use the traffic analysis from the Alignment Study. No new analysis is required.

3. Preliminary Design Report

The CONSULTANT will utilize the design criteria from the CR 557 Preliminary Design Report.

4. Traffic Control Plans

- a. The CONSULTANT will prepare Traffic Control Plans that present a logical sequencing of roadway construction activity. The Traffic Control Plans shall include diagrams, typical sections and a narrative of the sequencing of general work activities.
- b. Traffic Control Plans shall be prepared at a scale suitable to illustrate the necessary details.
- c. Traffic Control Plans shall be included in the Final plans submittal.
- d. An estimate of the quantities for traffic control devices and quantities for temporary construction items shall be included in the Summary of Quantity sheets for the Final plans submittal.

5. Plan Scale

Plan sheets shall be prepared at a scale of 1" = 50' horizontal on 11" x 17" sheets. Profile sheets shall be prepared at a scale of 1" = 50' horizontal on 11" x 17" sheets. Cross section scales shall be selected as appropriate.

6. Design Criteria

CONSULTANT shall utilize the prepare the design, construction plans, and specifications in accordance with the latest editions of the following: Design Manual, FDOT; A Policy on Geometric Design of Highways and Streets, AASHTO; Manual of Uniform Traffic Control Devices for Streets and Highways, USDOT/FHWA; State of Florida Manual on Traffic Control and Safe Practices for Street and Highway Construction, Maintenance and Utility Operations on the State Maintained Systems, FDOT; and Standard Plans for Road and Bridge Construction, FDOT.

The design plans and specifications shall be prepared in English design units.

7. Estimated Quantities and Cost Estimate

Estimated construction quantities will be calculated and included in Summary of Quantity sheets to be included with the Final plans submittal. An estimate of probable construction cost will be prepared and included with the Final plans submittal.

8. Estimated Construction Duration

The CONSULTANT shall prepare an estimate of the expected construction duration. This estimate shall be included with the Final plans submittal.

E. Drainage

1. General

Drainage design and associated plans will be prepared for the management of runoff generated within the road right-of-way, or as necessary to cross the right-of-way. Critical design high water elevations for the permitting and design will be determined using best available information from FEMA, Polk County, Florida Department of Transportation, Florida Department of Environmental Protection and the Southwest Florida Water Management District (SWFWMD). It is intended to maintain existing drainage patterns and outfalls as much as possible.

2. Drainage Criteria

The drainage criteria shall be prepared in accordance with the latest editions of the FDOT Drainage Manual, Drainage Design Guide, and regulating water management agency. The criteria will be presented in a table format and will include the following items:

a. Hydrology

- (1) Design return periods for cross culverts, stormwater management facilities, and open and closed conveyance systems.
- (2) Methodology shall be outlined for determining off-site watersheds, on-site watersheds, rainfall distributions, hydrography generation, antecedent moisture conditions, intensity-duration-frequency curves, time of concentration and soil classifications.

b. Hydraulics

Criteria shall outline pipe flow equations, coefficients for pipes, weirs and orifice formulas, minimum pipe sizes, drainage tabulation sheets, inlet types, minimum storm sewer velocities, allowable spread, storm sewer tailwater control, storm sewer materials, and storm sewer system design programs.

c. Permits

Criteria shall outline level of treatment and attenuation required by the Governing Agencies.

d. Drainage Basins

Determine whether drainage basins within the project limits are assumed to be open or closed.

3. Pond Location Analysis

The pond location analysis shall consist of utilizing the ponds identified in the current CR 557 plans.

4. Preliminary Drainage Design

The preliminary drainage analysis shall update and revise the existing analysis to accommodate combining the plans.

5. Final Drainage Design

The Final Drainage Design Notebook shall be updated and revised to accommodate combining the plans.

F. Environmental Permitting

The CONSULTANT shall coordinate with the County and permitting agencies to coordinate construction of the project.

G. Retaining Walls

The CONSULTANT shall utilize the existing CR 5557 retaining wall design and plans. The CONSULTANT shall provide Design Documentation to the COUNTY consisting of structural design calculations and other supporting documentation developed during the development of the plans. The design calculations submitted shall adequately address the complete design of all structural elements. A cover sheet indexing the contents of the calculations shall be included, and the engineer shall sign and seal that sheet. All computer programs and parameters used in the design calculations shall include sufficient backup information to facilitate the review task.

H. Signing and Pavement Marking Plans

The CONSULTANT shall combine the current Signing and Pavement Marking Plans. The design of the signing and pavement markings shall be in accordance with the latest design standards and

practices as detailed in the Manual on Uniform Traffic Control Devices (MUTCD), FDOT Standard Specifications and Design Standards, and FDOT Design Manual.

I. Signalization Plans (N/A)

J. Lighting Analysis and Plans

CONSULTANT shall combine the current lighting design and plans. The CONSULTANT shall be responsible for updating the Lighting Design Analysis Report (LDAR), if needed. The report shall provide analyses for each typical section of the roadway within the entire limits of the project. The report shall also include the analysis for all roundabouts/signalized intersections as described in latest design criteria. CONSULTANT shall coordinate with the Maintaining Agency for the lighting requirements at the roundabouts/signalized intersections. The report shall also include electrical load analysis and voltage drop calculations for each lighting circuits.

K. Utility Services

1. Utility Adjustment Plans

The CONSULTANT shall combine the Utility Adjustment Plans, utilizing the roadway base mapping and input from the involved utility companies.

Work shall be in accordance with the FDOT's Utility Manual, Standard Specifications, FDOT Utility Accommodation Manual 1993, current memorandums, FDOT Design Manual, and instructions as issued by the COUNTY to the CONSULTANT.

2. Utility Coordination

The CONSULTANT shall coordinate with affected utility owners to combine the previously received red/green/brown markups and Utility Work Schedules. Plans shall be provided to each utility having facilities within the project area for verification and supplementing of any existing utilities as shown on the plans. It is anticipated the actual design for the relocation of utilities shall be done by the utility owners.

L. Geotechnical Investigation

The CONSULTANT shall utilize the previous geotechnical investigation for the project. No new information or data is required.

M. Specifications

The CONSULTANT shall prepare Technical Special Provisions as required by the design which shall include Specifications covering any special construction methods that may be required. The COUNTY shall furnish a sample specification as a guide in preparing the special provisions. These Special Provisions shall be prepared in the complimentary format as the FDOT Standard Specifications.

N. Public Involvement (N/A)

O. Assistance with Right of Way Acquisition

The CONSULTANT will assist the COUNTY during the Right of Way acquisition process which will include minor plans updates such as driveway adjustments or pond modifications. Pond modifications that would require a permit modification are not included in this task.

P. Bidding Phase Services

The CONSULTANT will assist the COUNTY with the preparation of all necessary bid documents as detailed above. This includes Signed and Sealed Construction Plans, Technical Specifications Package, Special Conditions, Copies of All Permits, Bid Tab Sheets, Final Engineer's Estimate, and a Construction Time Estimate.

The CONSULTANT will attend and participate in the Pre-Bid conference. Minutes of meeting will be prepared by the COUNTY.

The CONSULTANT will assist with bid addenda responses to questions and concerns that are submitted through the COUNTY'S Procurement Office during the bidding process.

Attend Bid Opening Meeting. Assist COUNTY in review of Contractors bids and documents as well as aid with the preparation of a bid recommendation. Minutes of meeting will be prepared by the COUNTY.

Q. Post-design Services

At the COUNTY'S option, the CONSULTANT may be requested to provide additional Post Design Services. The COUNTY will supplement the contract fees by change order to provide for Post Design Services.

V. QUALITY CONTROL

A. Quality Assurance Reviews

The CONSULTANT shall conduct quality assurance reviews of the work products called for in this Scope of Services to ensure they are in compliance with the requirements cited in the Scope of Services. Reviews shall be conducted to evaluate the adequacy of materials, documentation, processes and procedures included in the execution of this contract.

B. Quality Assurance Records

The CONSULTANT shall maintain adequate records for the quality assurance actions performed by his organization (including subcontractors and vendors), in providing services and products under this contract.

VI. PROJECT SCHEDULE

The CONSULTANT shall complete design services within the current contractual limits.

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: CR 557 (Buena Vista Drive) - Combine Plans
County: Polk
FPN: T.B.D.
FAP No.: N/A

Consultant Name: Dewberry Engineers Inc.
Consultant No.: 50110728
Date: 3/24/2025
Estimator: insert name

Staff Classification	Hours From Summary - Firm	Project Manager	Asst. Project Manager	Sr. Engineer	Engineer	Engineer Intern	Sr. Eng Technician	Sr. Environmental Specialist	Environmental Specialist	ROW Specialist	Sr. PSM	PSM	Survey Technician	SH By	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	\$107.93	\$69.64	\$63.83	\$45.22	\$32.43	\$38.82	\$45.61	\$24.45	\$57.69	\$68.28	\$44.58	\$28.84	0	\$0	#DIV/0!
4. Roadway Analysis	263	0	0	0	66	66	34	0	0	0	0	0	0	264	\$14,105	\$53.43
5. Roadway Plans	438	22	0	87	110	110	110	0	0	0	0	0	0	439	\$20,717	\$47.19
6a. Drainage Analysis	22	2	0	7	7	4	2	0	0	0	0	0	0	22	\$1,186	\$53.92
6b. Drainage Plans	169	8	0	35	42	42	42	0	0	0	0	0	0	169	\$7,381	\$47.22
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg. Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	64	3	0	18	16	16	9	0	0	0	0	0	0	62	\$3,063	\$43.40
20. Signing & Pavement Marking Plans	47	2	0	12	12	12	9	0	0	0	0	0	0	47	\$2,261	\$48.11
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	104	5	0	31	26	26	16	0	0	0	0	0	0	104	\$5,155	\$49.57
24. Lighting Plans	65	3	0	16	16	16	14	0	0	0	0	0	0	65	\$3,128	\$48.13
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27a. SUE Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	1,172	77	0	272	295	292	236	0	0	0	0	0	0	1,172	\$57,596.15	\$49.14
Total Staff Cost		\$8,310.61	\$0.00	\$17,361.76	\$13,339.90	\$9,459.56	\$9,114.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$57,596.15	\$49.14

SALARY RELATED COSTS:																
OVERHEAD:																\$57,596.15
OPERATING MARGIN:																\$82,782.95
FCCM (Facilities Capital Cost Money):																\$16,846.87
SUBTOTAL SALARY RELATED COSTS:														2,7298	Multiplier	\$157,225.97
EXPENSES:																\$8,535.75
Survey (Polk County)																\$0.00
SUE Survey (Field - if by Prime)																\$0.00
SUBTOTAL ESTIMATED FEE:																\$165,761.72
Subconsultant: ACI																\$0.00
Subconsultant: Madrid Geotechnical																\$0.00
Subconsultant: Element																\$3,380.29
Subconsultant: RK&K																\$0.00
Subconsultant: Madrid Contamination																\$0.00
SUBTOTAL ESTIMATED FEE:																\$169,142.01
Geotechnical Field and Lab Testing																\$0.00
SUBTOTAL ESTIMATED FEE:																\$169,142.01
City of Lake Alfred Utility Design																\$0.00
GRAND TOTAL ESTIMATED FEE:																\$169,142.01

Survey Field Days by Subconsultant
4 - Person Crew: 0

Notes:

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

Survey:

Survey (Polk County) =	\$0.00
SUE (Field and Office) =	\$0.00
RW Mapping (Polk County) =	\$0.00
TOTAL=	\$0.00

Project Activity 4: Roadway Analysis

Estimator: Ray Lee

CR 557 (Buena Vista Drive) - Combine Plans
T.B.D.

Representing	Print Name	Signature / Date
Polk County		
Dewberry		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.1	Typical Section Package	LS	1	0	0	
4.2	Pavement Type Selection Report	LS	1	0	0	N/A
4.3	Pavement Design Package	LS	1	0	0	
4.4	Cross-Slope Correction	LS	1	0	0	N/A
4.5	Horizontal /Vertical Master Design Files	LS	1	0	0	
4.6	Access Management	LS	1	0	0	
4.7	Roundabout Evaluation	LS	1	0	0	
4.8	Roundabout Final Design Analysis	LS	1	0	0	
4.9	Cross Section Design Files	LS	1	38	38	Revise X-Sections and Re-run earthwork sta 1253+00 to 1287+00 (0.64 mi @ 60 hrs/mi)
4.10	Temporary Traffic Control Plan Analysis	LS	1	51	51	Revise TTCP Design Sta 1253+00 to 1287+00 (0.64 mi @ 80 hrs/mi)
4.11	Master TTCP Design Files	LS	1	51	51	Revise TTCP Plans Sta 1253+00 to 1287+00 (0.64 mi @ 80 hrs/mi)
4.12a	Selective Clearing and Grubbing of Existing VegetationField Assessment	LS	1	0	0	N/A
4.12b	Selective Clearing and Grubbing Site Inventory of Existing Vegetation and Cross-Discipline Coordination (OPTIONAL SERVICES)	LS	1	0	0	N/A
4.12c	Selective Clearing and Grubbing- Existing Vegetation Maintenance Report	LS	1	0	0	N/A
4.13	Tree Disposition Plan	LS	1	0	0	N/A
4.14	Design Variations and Exceptions	LS	1	0	0	
4.15	Design Report	LS	1	0	0	
4.16	Quantities	LS	1	80	80	Combine Quantities-80 hrs

Project Activity 4: Roadway Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.17	Cost Estimate	LS	1	8	8	1 @ 8 hrs/ea
4.18	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
4.19	Other Roadway Analyses	LS	1	0	0	
Roadway Analysis Technical Subtotal					228	

Project Activity 4: Roadway Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
4.20	Field Reviews	LS	1	0	0	
4.21	Monitor Existing Structures	LS	1	0	0	
4.22	Technical Meetings	LS	1	0	0	Meetings are listed below
4.23	Quality Assurance/Quality Control	LS	%	5%	11	
4.24	Independent Peer Review	LS	%	0%	0	
4.25	Supervision	LS	%	5%	11	
Roadway Analysis Nontechnical Subtotal						22
4.26	Coordination	LS	%	5%	13	
4. Roadway Analysis Total						263

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Typical Section	EA	0	0	0			0
Pavement	EA	0	0	0			0
Access Management	EA	1	0	0		yes	1
15% Line and Grade	EA	0	0	0		yes	0
Driveways	EA	0	0	0			0
Local Governments (cities, counties, MPO)	EA	3	0	0		yes	4
Work Zone Traffic Control	EA	0	0	0		no	0
30/60/90/100% Comment Review Meetings	EA	4	0	0		no	0
Polk County Survey	EA	1	0	0		yes	0
Subtotal Technical Meetings						Subtotal Project Manager Meetings	5
Progress Meetings (if required by FDOT)	EA	0	0	0		<i>PM attendance at Progress Meetings is manually entered on General Task 3</i>	--
Phase Review Meetings	EA	0	0	0		<i>PM attendance at Phase Review Meetings is manually entered on General Task 3</i>	--
Total Meetings						Total Project Manager Meetings (carries to Tab 3)	5

Carries to 4.17

Carries to Tab 3

Project Activity 5: Roadway Plans

Estimator: Ray Lee

CR 557 (Buena Vista Drive) - Combine Plans
T.B.D.

Representing	Print Name	Signature / Date
Polk County		
Dewberry		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.1	Key Sheet		Sheet	1	2	2	Combine Plans
5.2	Summary of Pay Items Including Quantity Input		Sheet	8	1	8	Combine Plans (8 shts @ 1 hr/sht)
5.3	Typical Section Sheets						
5.3.1	Typical Sections		EA	1	19	19	Combine Plans- (19 shts @ 1 hr/sht)
5.3.2	Typical Section Details		EA	0	0	0	
5.4	General Notes/Pay Item Notes		Sheet	3	1	3	Combine Notes
5.5	Summary of Quantities Sheets		Sheet	58	1	58	Combine Plans- (58 shts @ 1 hr/sht)
5.6	Project Layout		Sheet	8	1	8	Combine Plans (8 shts @ 1 hr/sht)
5.7	Plan/Profile Sheet		Sheet	0	0	0	
5.8	Profile Sheet		Sheet	5	8	40	Combine Plans (5 shts @ 8 hrs/sht)
5.9	Plan Sheet		Sheet	5	8	40	Combine Plans (5 shts @ 8 hrs/sht)
5.10	Special Profile		Sheet	0	0	0	
5.11	Back-of-Sidewalk Profile Sheet		Sheet	0	0	0	N/A
5.12	Interchange Layout Sheet		Sheet	0	0	0	N/A
5.13	Ramp Terminal Details (Plan View)		Sheet	0	0	0	N/A
5.14	Intersection Layout Details		Sheet	0	0	0	
5.15	Special Details		EA	0	0	0	
5.16	Cross-Section Pattern Sheet(s)		Sheet	0	0	0	N/A

Project Activity 5: Roadway Plans

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
5.17	Roadway Soil Survey Sheet(s)		Sheet	1	0	0	
5.18	Cross Sections		EA	34	0.375	13	Revise X-Sections Sta 1253+00 to 1287+00
5.19	Temporary Traffic Control Plan Sheets		Sheet	15	4	60	Revise TTCP Plans Sta 1253+00 to 1287+00 - 3 phases
5.20	Temporary Traffic Control Cross Section Sheets		EA	51	0.375	19	Revise X-Sections Sta 1253+00 to 1287+00 (3 phases-200' intervals)
5.21	Temporary Traffic Control Detail Sheets		Sheet	2	4	8	Revise TTCP Plans Sta 1253+00 to 1287+00
5.22	Utility Adjustment Sheets		Sheet	5	3	15	Combine Plans Sta 1253+00 to 1287+00
5.23	Selective Clearing and Grubbing Sheet(s)						N/A
5.23.1	Selective Clearing and Grubbing		Sheet	0	0	0	N/A
5.23.2	Selective Clearing and Grubbing Details		Sheet	0	0	0	N/A
5.24	Tree Disposition Sheet(s)						N/A
5.24.1	Tree Disposition Plan Sheet(s)		Sheet	0	0	0	N/A
5.24.2	Tree Disposition Plan Tables and Schedules		Sheet	0	0	0	N/A
5.25	Project Control Sheet(s)		Sheet	12	1	12	Combine Plans
5.26	Other Roadway Plans		Sheet	900	0.1	90	Re-order and Re-number approx 900 plan sheets
5.27	Utility Verification Sheet(s) (SUE Data)		Sheet	3	1	3	Combine Plans
Roadway Plans Technical Subtotal						398	
5.28	Quality Assurance/Quality Control		LS	%	5%	20	
5.29	Supervision		LS	%	5%	20	
5. Roadway Plans Total						438	

Project Activity 6a: Drainage Analysis

Estimator: Sean Carrigan

CR 557 (Buena Vista Drive) - Combine Plans
T.B.D.

Representing	Print Name	Signature / Date
Polk County		
Dewberry		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.1	Drainage Map Hydrology	Per Map	1	0	0	
6a.2	Base Clearance Calculations	Per Location	0	0	0	
6a.3	Pond Siting Analysis and Report	Per Basin	0	0	0	
6a.4	Design of Cross Drains	EA	1	0	0	
6a.5	Design of Ditches	Per Ditch Mile	0	0	0	
6a.6	Design of Stormwater Management Facility (Offsite or Infield Pond)	EA	0	0	0	
6a.7	Design of Stormwater Management Facility (Roadside Treatment Swales and Linear Ponds)	Per Cell	0	0	0	
6a.8	Design of Floodplain Compensation	Per Floodplain Basin	0	0	0	
6a.9	Design of Storm Drains	EA	5	1.5	8	Remove five temporary structures (S-299 and S-298 / S-395, S-396 & S-397) from GPK models that were included in both (the north and south segments) plan sets. Temporary structures will become two permanent inlets in System 300 only
6a.10	Optional Culvert Material	EA	0	0	0	
6a.11	French Drain Systems	Per Cell	0	0	0	
6a.11.a	Existing French Drain Systems	Per Cell	0	0	0	
6a.12	Drainage Wells	EA	0	0	0	
6a.13	Drainage Design Documentation Report	LS	1	0	12	Revise, compile and update report to remove duplicate information, add changes to drainage maps, stormdrain tabulations and spread calcs.
6a.14	Bridge Hydraulic Report	EA	0	0	0	

Project Activity 6a: Drainage Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
6a.15	Temporary Drainage Analysis	LS	1	0	0	
6a.16	Cost Estimate	LS	0	0	0	
6a.17	Technical Special Provisions / Modified Special Provisions	LS	1	0	0	
6a.18	Hydroplaning Analysis	LS	1	0	0	
6a.19	Existing Permit Analysis	LS	1	0	0	
6a.20	Other Drainage Analysis	LS	1	0	0	
6a.21	Noise Barrier Evaluation	LS	1	0	0	
Drainage Analysis Technical Subtotal					20	
6a.22	Field Reviews	LS	1	0	0	
6a.23	Technical Meetings	LS	1	0	0	Meetings are listed below
6a.24	Environmental Look-Around (ELA) Meeting	LS	1	0	0	
6a.25	Quality Assurance/Quality Control	LS	%	5%	1	
6a.26	Independent Peer Review	LS	%	0%	0	
6a.27	Supervision	LS	%	5%	1	
Drainage Analysis Nontechnical Subtotal					2	
6a.28	Coordination	LS	%	0%	0	
6a. Drainage Analysis Total					22	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Base Clearance Water Elevation	EA	0	0	0			0
Pond Siting	EA	0	0	0			0
Agency	EA	1	0	0			0
Local Governments (cities, counties)	EA	0	0	0			0
FDOT Drainage	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				0			0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		0

Carries to Tab 3

6b. Drainage Plans

Estimator: Sean Carrigan

CR 557 (Buena Vista Drive) - Combine Plans
T.B.D.

Representing	Print Name	Signature / Date
Polk County		
Dewberry		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No. of Units or Sheet	Hours/ Unit or Sheet	Total Hours	Comments
6b.1	Drainage Map (Including Interchanges)		Sheet	9	3	27	Combine Plans
6b.2	Bridge Hydraulics Recommendation Sheets		Sheet	0	0	0	
6b.3	Summary of Drainage Structures		Sheet	16	3	48	Combine Plans
6b.4	Optional Pipe/Culvert Material		Sheet	0	0	0	
6b.5	Drainage Structure Sheet(s) (Per Structure)		EA	40	1.5	60	Revise Drainage Structures from Sta 1253+00 to 1287+00
6b.6	Miscellaneous Drainage Detail Sheets		Sheet	0	0	0	
6b.7	Lateral Ditch Plan/Profile		Sheet	0	0	0	
6b.8	Lateral Ditch Cross Sections		EA	0	0	0	
6b.9	Retention/Detention Ponds Detail Sheet(s)		Sheet	0	0	0	
6b.10	Retention Pond Cross Sections		EA	0	0	0	
6b.11	Erosion Control Plan Sheet(s)		Sheet	5	2	10	Combine Plans
6b.12	SWPPP Sheet(s)		Sheet	2	4	8	Combine Plans
Drainage Plans Technical Subtotal						153	
6b.13	Quality Assurance/Quality Control		LS	%	5%	8	
6b.14	Supervision		LS	%	5%	8	
6. Drainage Plans Total						169	

6b. Drainage Plans



Project Activity 19: Signing and Pavement Marking Analysis

Estimator: Jim Bradford, P.E.

CR 557 (Buena Vista Drive) - Combine Plans
T.B.D.

Representing	Print Name	Signature / Date
Polk County		
Dewberry		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/Units	Total Hours	Comments
19.1	Traffic Data Analysis	LS	0	0	0	
19.2	No Passing Zone Study	LS	0	0	0	
19.3	Reference and Master Design File	LS	1	38	38	0.64 mi @ 60 hrs/mi
19.4	Multi-Post Sign Support Calculations	EA	0	0	0	
19.5	Sign Panel Design Analysis	EA	0	0	0	
19.6	Sign Lighting/Electrical Calculations	EA	0	0	0	
19.7	Quantities	LS	1	16	16	Combine Plans
19.8	Cost Estimate	LS	1	4	4	Final
19.9	Technical Special Provisions and Modified Special Provisions	LS	0	0	0	
19.10	Other Signing and Pavement Marking	LS	0	0	0	
Signing and Pavement Marking Analysis Technical Subtotal					58	
19.11	Field Reviews	LS	1	0	0	
19.12	Technical Meetings	LS	1	0	0	Meetings are listed below
19.13	Quality Assurance/Quality Control	LS	%	5%	3	
19.14	Independent Peer Review	LS	%	0%	0	
19.15	Supervision	LS	%	5%	3	
Signing and Pavement Marking Analysis Nontechnical Subtotal					6	
19.16	Coordination	LS	%	3%	0	
19. Signing and Pavement Marking Analysis Total					64	

Project Activity 19: Signing and Pavement Marking Analysis

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments		
Technical Meetings						Comments	PM Attendance at Meeting Required?	Number
	Sign Panel Design	EA	0	0	0			0
	Queue Length Analysis	EA	0	0	0			0
	Local Governments (cities, counties)	EA	0	0	0			0
	Other Meetings	EA	0	0	0			0
	Subtotal Technical Meetings				0	Subtotal Project Manager Meetings		
	Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		
	Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		
	Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		
					0	0		

Carries to 19.12

Carries to Tab 3

Project Activity 20: Signing and Pavement Marking Plans

Estimator: Jim Bradford, P.E.

CR 557 (Buena Vista Drive) - Combine Plans
T.B.D.

Representing	Print Name	Signature / Date
Polk County		
Dewberry		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
20.1	Key Sheet		Sheet	1	2	1	2	Combine Plans
20.2	Summary of Pay Items Including Input		LS	0	0		0	
20.3	Tabulation of Quantities		Sheet	9	2	9	18	Combine Plans
20.4	General Notes/Pay Item Notes		Sheet	3	1	3	3	Combine Notes
20.5	Project Layout		Sheet	0	0	0	0	
20.6	Plan Sheet		Sheet	5	4	5	20	Combine Plans
20.7	Typical Details		EA	0	0		0	
20.8	Guide Sign Worksheet(s)		EA	0	0		0	
20.9	Traffic Monitoring Site		EA	0	0		0	
20.10	Cross Sections		EA	0	0		0	
20.11	Special Service Point Details		EA	0	0		0	
20.12	Special Details		LS	0	0		0	
20.13	Interim Standards		LS	0	0		0	
Signing and Pavement Marking Plans Technical Subtotal							43	
20.14	Quality Assurance/Quality Control		LS	%	5%		2	
20.15	Supervision		LS	%	5%		2	
20. Signing and Pavement Marking Plans Total							47	

Project Activity 23: Lighting Analysis

Estimator: Bahman Behzadi

CR 557 (Buena Vista Drive) - Combine Plans
T.B.D.

Representing	Print Name	Signature / Date
Polk County		
Dewberry		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
23.1	Lighting Justification Report	LS	1	0	0	
23.2	Lighting Design Analysis Report	LS	1	16	16	Review and Update Report
23.3	Voltage Drop Calculations	EA	1	16	16	Update
23.4	FDEP Coordination and Report	LS	1	0	0	
23.5	Reference and Master Design Files	LS	1	51	51	80 mh/mi @ 0.64 mi
23.6	Temporary Lighting	LS	1	0	0	
23.7	Design Documentation	LS	1	0	0	
23.8	Quantities	LS	1	8	8	Combine Plans
23.9	Cost Estimate	LS	1	0	0	
23.10	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
23.11	Other Lighting Analysis	LS	1		0	
Lighting Analysis Technical Subtotal					91	
23.12	Field Reviews	LS	1	0	0	
23.13	Technical Meetings	LS	1	0	0	Refer to technical meetings.

Project Activity 23: Lighting Analysis

23.14	Quality Assurance/Quality Control	LS	%	5%	5	
23.15	Independent Peer Review	LS	%	0%	0	N/A
23.16	Supervision	LS	%	5%	5	
Lighting Analysis Nontechnical Subtotal						10
23.17	Coordination	LS	%	3%	3	
23. Lighting Analysis Total						104

Project Activity 23: Lighting Analysis

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
FDOT Lighting Design	EA	0	0	0			0
FDOT Traffic Design	EA	0	0	0			0
Power Company (service point coordination)	EA	1	0	0			0
Maintaining Agency (cities, counties)	EA	1	0	0			0
Airport authority	EA	0	0	0			0
FDEP Lighting (coast areas)	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				0	Subtotal Project Manager Meetings		0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		--
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		--
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		0

Carries to 23.14

Carries to Tab 3

24. Lighting Plans

Estimator: Bahman Behzadi

CR 557 (Buena Vista Drive) - Combine Plans
T.B.D.

Representing	Print Name	Signature / Date
Polk County		
Dewberry		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Scale	Units	No. of Units	Hours/Unit	No. of Sheets	Total Hours	Comments
24.1	Key Sheet		Sheet	1	2	1	2	Combine Plans
24.2	Summary of Pay Items Including Designer Interface Input		Sheet	0	0	0	0	
24.3	Tabulation of Quantities		Sheet	9	1	4	9	Combine Plans
24.4	General Notes/Pay Item Notes		Sheet	3	1	3	3	Combine Notes
24.5	Pole Data, Legend and Criteria		Sheet	8	3	8	24	Combine Plans
24.6	Service Point Details		Sheet	3	1	0	3	Combine Plans
24.7	Project Layout		Sheet	3	1	3	3	Combine Plans
24.8	Plan Sheet		Sheet	5	3	0	15	Combine Plans
24.9	Special Details		Sheet	1	0	0	0	
24.10	Temporary Lighting Data and Details		Sheet	1	0	0	0	
24.11	Temporary Traffic Control Plan Sheets		Sheet	0	0	0	0	
24.12	Interim Standards		LS	1	0		0	
Lighting Plans Technical Subtotal							59	
24.13	Quality Assurance/Quality Control		LS	%	5%		3	
24.14	Supervision		LS	%	5%		3	
24. Lighting Plans Total							65	

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: Combining all 3 segments together
County: Polk
FPN: 18-515
FAP No.: N/A

Consultant Name: Element Engineering Group
Consultant No.: enter consultants proj. number
Date: 3/24/2025
Estimator: Brent Postma

Staff Classification	Total Staff Hours From Firm*	Project Manager	Staff Classification 2	Staff Classification 3	Staff Classification 4	Staff Classification 5				utility coordinator	SH By Activity	Salary Cost By Activity	Average Rate Per Task
3. Project General and Project Common Tasks	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	28	0	0	0	0	0	0	0	0	28	28	\$1,148	\$41.00
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	28	0	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	28	\$1,148.00	\$41.00
Total Staff Cost		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,148.00	28	\$1,148.00	\$41.00

SALARY RELATED COSTS:		Check =
OVERHEAD:		\$1,148.00
OPERATING MARGIN:	177%	\$1,148.00
FCCM (Facilities Capital Cost Money):	12%	\$137.76
EXPENSES:	0.00%	\$0.00
SUBTOTAL ESTIMATED FEE:	5.25%	\$60.27
SUE Designating	3-person crew	\$ - / day
SUE Locating	3-person crew	\$ - / day
Survey (Field)	3-person crew	\$ - / day
Geotechnical Field and Lab Testing		\$0.00
SUBTOTAL ESTIMATED FEE:		\$3,380.29
Optional Services		\$0.00
GRAND TOTAL ESTIMATED FEE:		\$3,380.29

Notes:
1. This sheet to be used by Subconsultant to calculate its fee.

Project Activity 7: Utilities

Estimator: Combining all 3 segments together
18-515

Representing	Print Name	Signature / Date
FDOT District		
Element Engineering Group	Brent Postma	

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
7.1	Utility Kickoff Meeting	LS	0	0	0	N/A
7.2	Identify Existing Utility Agency Owners (UAO(s))	LS	0	0	0	N/A
7.3	Make Utility Contacts	LS	7	1	7	Resubmittal of three UWS/RGB for each UAO to combine into one deliverable for each UAO.
7.4	Exception Processing	LS	0	0	0	N/A
7.5	Preliminary Utility Meeting	LS	0	0	0	N/A
7.6	Individual/Field Meetings	LS	0	0	0	N/A
7.7	Collect and Review Plans and Data from UAO(s)	LS	7	1	7	Collection of Combined UWS/RGB for entire project length
7.8	Subordination of Easements Coordination	LS	0	0	0	N/A
7.9	Utility Design Meeting	LS	0	0	0	N/A
7.10	Review Utility Markups & Work Schedules, and Processing of Schedules & Agreements	LS	7	1	7	7 UAO's x 1 hours each for resigning combined UWS
7.11	Utility Coordination/Follow-up	LS	7	1	7	7 UAO's x 1 complexity x 1 hours each
7.12	Utility Constructability Review	LS	0	0	0	N/A
7.13	Additional Utility Services	LS	0	0	0	N/A
7.14	Processing Utility Work by Highway Contractor (UWHC)	LS	0	0	0	N/A
7.15	Contract Plans to UAO(s)	LS	0	0	0	N/A
7.16	Certification/Close-Out	LS	0	0	0	N/A
7.17	Other Utilities	LS	0	0	0	N/A
7. Utilities Total					28	

Project Activity 7: Utilities

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff (see 7.1)	EA	0	0	0			0
Preliminary Meeting (see 7.5)	EA	0	0	0			0
Individual UAO Meetings (see 7.6)	EA	0	0	0			0
Field Meetings (see 7.6)	EA	0	0	0			0
Design Meeting (see 7.9)	EA	0	0	0			0
Other Meetings (this is automatically added into Utilities Total (cell F27))	EA	0	0	0			0
Total Meetings				0	Total Project Manager Meetings (carries to Tab 3)		0

Carries to Tab 3