

## EIGHT AMENDMENT TO THE AGREEMENT

In accordance with the SW/NW 80th/70th Ave. Widening Preliminary Engineering Report Agreement entered into on November 18, 2018, and all of its amendments (if any), collectively (the "Agreement") this Eighth Amendment to the Agreement (this "Amendment") is made and entered into by and between **Guerra Development Corp.**, whose address is 2817 NE 3rd Street, Ocala, FL 34470; possessing FEIN **59-2615012**, (hereinafter referred to as "FIRM") and Marion County, a political subdivision of the State of Florida, 601 SE 25th Avenue, Ocala, FL, 34471, (hereinafter referred to as "COUNTY").

### WITNESSETH

WHEREAS this Amendment shall remain in full force and effect until completion of all services required of FIRM, and the parties wish to amend the Agreement.

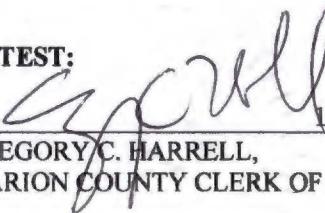
IN CONSIDERATION of the mutual covenants and conditions contained herein, COUNTY and FIRM (singularly referred to as "Party", collectively "Parties") hereto agree as follows:

1. This Amendment shall be deemed to amend and become part of the Agreement in accordance with the project 18Q-160, (the "Project"). All provisions of the Agreement not specifically amended herein shall remain in full force and effect.
2. This Amendment adds additional scope of services set forth in Scope of Services, Exhibit A, hereto.
3. COUNTY shall make payment of Three Hundred and Seventy-Eight Thousand, Seven Hundred and Seventy-Five Dollars and Zero Cents (\$378,775.00) (the "Agreement Price"), to the FIRM under COUNTY's established procedure and according to the Fee Schedule, Exhibit B, hereto.
4. This Amendment extends the Agreement effective Upon Board Approval and ending March 30, 2026 (the "Term").

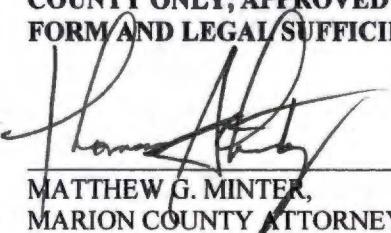
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IN WITNESS WHEREOF the Parties have entered into this Amendment, as approved by the Marion County Board of County Commissioners, on the date of the last signature below.

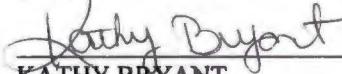
ATTEST:

  
1/21/2025  
GREGORY C. HARRELL, DATE  
MARION COUNTY CLERK OF COURT

**FOR USE AND RELIANCE OF MARION COUNTY ONLY, APPROVED AS TO FORM AND LEGAL SUFFICIENCY**

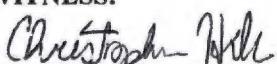
  
1/30/25  
MATTHEW G. MINTER, DATE  
MARION COUNTY ATTORNEY

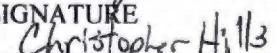
**MARION COUNTY, A POLITICAL SUB-DIVISION OF THE STATE OF FLORIDA**

  
1/21/2025  
KATHY BRYANT, DATE  
CHAIRMAN

**BCC APPROVED: January 21, 2025**  
18Q-160-CA-08 SW/NW 80th/70th Ave. Widening  
Preliminary Engineering Report

\*\*\*\*\*  
**WITNESS:**

  
Christopher Hill

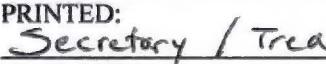
SIGNATURE  
  
Christopher Hill

PRINTED NAME

**GUERRA DEVELOPMENT CORP.**

  
1-28-25  
Lori S. Guerra, DATE

BY: Lori S. Guerra DATE

PRINTED:  
  
Secretary / Treasurer  
ITS: (TITLE)

**WITNESS:**

  
Laura V. Guerra

SIGNATURE  
  
Laura V. Guerra

PRINTED NAME

EXHIBIT "A"

SCOPE OF SERVICES FOR

**NW-SW 80<sup>th</sup> – 70<sup>th</sup> Avenue Segment 1 Final Design  
Amendment 2 (Breakup Project in 2 Phases)**

From Intersection of SW 90th Street north to 0.5 miles north of SW 38<sup>th</sup> Street.

(APPROXIMATELY 4.7 MILES)

FOR THE MARION COUNTY BOARD OF COUNTY COMMISSIONERS  
August 5, 2024  
(Revised January 6, 2025)

Signed This 6th Day of January, 2025 by,



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Juan C. Guerra, P.E.  
President  
*Guerra Development Corp.*  
2817 NE 3<sup>rd</sup> Street  
Ocala, FL 34470

## PART I – PREAMBLE

### **PURPOSE**

This Agreement describes an amendment to the scope of work and the responsibilities of Guerra Development Corp., hereinafter called the ENGINEER and the Marion County Office of the County Engineer, hereinafter called the COUNTY, in connection with the completion of final design and preparation of complete roadway construction plans for the proposed improvements to **SW 80<sup>th</sup> Avenue Segment 1**.

This Scope of Services is for the design and permitting of certain roadway improvements within Marion County. The ENGINEER was selected for this project in 2018 under a competitive process consistent with the CCNA process contained in the Florida Statutes as part of RFQ# 18Q-160.

COUNTY and ENGINEER are prepared to modify that agreement, as amendment 2, to add scope and fee for the following items:

1. The project will be divided into two phases: Phase A from SW 90th Street to 0.25 miles north of SW 80th Street and Phase B from the terminus of Phase A to 0.5 miles north of SW 38th Street. The two phases will have different design and construction schedules. Separate plan sets will be prepared for the two phases.
2. Additional services for cultural resources assessment.
3. Additional services to add roadway lighting at the intersections of SW 90th Street, SW 80th Street, SW 63rd Street Road, and SW 38th Street.
4. Additional services to include signal interconnect plans for the project.
5. This project will be further modified in a future Amendment 3, with expected changes to include a modification to the approved PER, an increase in project limits extending east along SW 38<sup>th</sup> Street approximately 1,800 feet from the intersection with SW 80<sup>th</sup> Avenue, a roundabout intersection at SW 80<sup>th</sup> Avenue/SW 38<sup>th</sup> Street and a possible roundabout at the entrance to Westport High School with SW 38<sup>th</sup> Street.

This Amendment 2 shall be considered an addition to the original scope and fees

## PART II – FINAL DESIGN SCOPE OF SERVICES

### **TASK GROUP 1:**

#### **A. PROJECT ADMINISTRATION**

The project administration activities contemplate an Eleven-month addition to the original project schedule including the following activities:

1. Project Setup: ENGINEER will establish project files, project work plan, and project schedule for the Phase A portion of the project.

2. **Miscellaneous Meetings**: ENGINEER will prepare for and attend up to four general meetings with the COUNTY, affected landowners, stakeholders, etc. This task does not include advertised public meetings, BOCC workshops, etc.

## **B. Cultural Resource Assessment Survey**

The ENGINEER will retain SEARCH, Inc. as a subconsultant to perform additional Cultural Resource Assessment Survey for areas of the project which were not previously surveyed with the Preliminary Engineering Report.

- 1) A site reconnaissance will be performed.
- 2) A CRAS will be prepared and submitted to the State Historic Preservation Officer (SHPO) for concurrence.

## **C. Geotechnical Coordination**

- 1) The ENGINEER will provide requirements for the necessary geotechnical field investigations to the COUNTY for procurement of geotechnical engineering services for Phases A and B. The ENGINEER will prepare an additional geotechnical scope of services and exhibit for the Phase A portion of the project.
- 2) During design, the ENGINEER will review and evaluate the results of the geotechnical investigations, and provide coordination needed for final design and permitting for both phases with the regulatory agencies.
- 3) All geotechnical engineering deemed necessary by the ENGINEER to support the design of the roadway improvements and drainage retention areas will be provided by a registered professional geotechnical engineer, retained under a separate contract with the COUNTY.

## **D. Design Analysis**

- 1) **Typical Section Package**. An additional Typical Section Package for Phase A will be prepared and submitted to the COUNTY for review and approval. The general typical section for SW 80th Avenue will be a 4-lane curb and gutter section with a grassed median, two travel lanes in each direction, 4-foot bike lanes on both sides of the roadway, a sidewalk on the east side of the roadway, and a shared-use path on the west side of the roadway. The design speed and posted speed will be 45 mph. The typical section package will also include typical sections required for side streets.
- 2) **Geometrics**. The ENGINEER will design the geometrics for the project in accordance with the classification for urban roads of Marion County, applicable Florida Department of Transportation (FDOT) standards, the Manual on Uniform Traffic Control Devices (MUTCD), the Marion County Land Development Code (LDC) with proper consideration given to the design traffic volumes, design speed, capacity and levels of service, functional classification, adjacent land use, design consistency and driver expectancy, drainage features, aesthetics, pedestrian and bicycle features, ADA requirements, and access management.

- 3) Pavement Design Package. An additional Pavement Design Package will be prepared for the Phase A portion of the project.
- 4) Design Documentation and Quantities. The ENGINEER will submit to the COUNTY design notes for the Phase A portion of the project to support and document the design conclusions reached during the development of the construction plans. No design exceptions and variations are anticipated.

Design notes and quantities will be submitted to the COUNTY at each plan review, unless otherwise directed by the COUNTY. When the plans are submitted for each subsequent review, the design notes and quantities corrected according to COUNTY comments will be resubmitted. At the project completion, a final set of design notes and quantities in Microsoft Excel and PDF formats will be submitted with the record set of plans.

- 5) Technical Special Provisions. The ENGINEER will provide Technical Special Provisions for items of work not covered by FDOT Standard Specifications, Supplemental Specifications or Recurring Special Provisions.

#### **E. Drainage Analysis**

- 1) The ENGINEER will be responsible for designing a drainage and stormwater management system for the interface between Phase A and Phase B. This work will include the engineering analysis necessary to design the following: cross drains, roadway ditches, outfall ditches and storm sewers. The design work will comply with local and state requirements.
- 2) The scope of work of this Agreement also does not include modification of flood insurance rate maps through FEMA.
- 3) The ENGINEER will prepare an additional Drainage Design Report for the Phase A portion of the project. This will incorporate the work undertaken in the preliminary engineering phase of the project and will include final calculations for the proposed storm drainage system, final pond calculations and information required for permit review and approval.

#### **F. Utility Coordination**

- 1) The ENGINEER will be responsible for coordinating the proposed design of Phases A and B with the affected utility companies to minimize utility conflicts. The COUNTY will assist with the utility coordination as needed during the design phase. This task includes additional coordination efforts with utility companies for Phases A and B.
- 2) Each utility provider will be responsible for the design of their respective aboveground and underground utilities for this project. These designs will be provided to the ENGINEER by the utility provider or the COUNTY for inclusion into the Roadway Plans for this project. The ENGINEER will be responsible for coordinating with the utility providers for the proposed construction elements such that utility conflicts are minimized or avoided.
- 3) The ENGINEER will submit to each Utility Owner the necessary sets of plans for utility coordination and project CADD files in electronic format to each Utility Owner upon their request. ENGINEER will provide CADD files for the convenience of the Utility owners; ENGINEER cannot be responsible for the accuracy of the files after they are provided to the Utility owners. The ENGINEER will, prior to and during design, obtain available data from the Utility Owners that may be needed to determine the actual location and depth of the underground utilities. The ENGINEER will prepare Utility Adjustments sheets to include in the Roadway Plan Set based on information received from Utility Owners. Utility adjustments will be designed by the utility owners. Upon completion of these plans, the ENGINEER will send one complete set of plans to each utility owner and to the COUNTY.

- 4) The ENGINEER will conduct a Utility Relocation Meeting after the 60% submittal for the Phase A portion of the project to ensure that necessary relocations are coordinated with all Utility Owners and the COUNTY.
- 5) Utility Work Schedules (UWS): All Utility Owners are expected to provide utility work schedules to the ENGINEER to include in the final construction documents for each project phase. The ENGINEER will review the UWS from all utility owners and provide comments to them as necessary. The ENGINEER will sign off on the UWS after comments have been implemented and will forward to the COUNTY for signatures.
- 6) This agreement does not include design of utilities.

#### **G. Roadway Plans**

- 1) The ENGINEER will prepare a separate set of Roadway Plans for Phase A to include the necessary plan sheets, notes, and details to generally include the following:
  - a. Cover Sheet
  - b. Signature Sheet
  - c. Summary of Pay Items
  - d. Drainage Maps
  - e. Typical Sections
  - f. Summary of Drainage Structures
  - g. Project Control
  - h. Roadway Plan and Profile Sheets
  - i. Drainage Retention Area Sheets
  - j. Intersection Detail Sheets
  - k. Cross Sections
  - l. Signing and Pavement Marking Plans
  - m. Construction Surface Water Management Plans
  - n. Miscellaneous Construction Details
  - o. Soil Survey

#### **H. Temporary Traffic Control Concepts**

- 1) The ENGINEER will prepare conceptual temporary traffic control plans (TTCP), notes and details that convey the intended phasing of the proposed construction improvements for Phases A and B. Additional TTCP design is being included in this Agreement for the interface at Phase A and B.

Complete Temporary Traffic Control Plans will be included as a lump sum bid item in the construction contract.

#### **I. Signalization Plans**

- 1) Preparation of Signalization Plans for the intersections at SW 90<sup>th</sup> Street, SW 80<sup>th</sup> Street, SW 63<sup>rd</sup> Street Road, and SW 38<sup>th</sup> Street are included in the original Agreement, and therefore have been excluded from this task. As clarification, the signal at SW 38<sup>th</sup> Street is being eliminated due to a proposed roundabout, said change to be part of future Amendment 3.

- 2) This task includes preparation of signal interconnect plans to install underground fiber optic infrastructure from SW 90<sup>th</sup> Street to the end of the project to interconnect the traffic signals.
- 3) Separate signal interconnect plans will be prepared for Phases A and B and will include location of conduits, fiber, and pull boxes, splicing diagrams at each traffic controller, necessary pay items and quantities for the fiber infrastructure. The signal interconnect plans will be prepared on 11" x 17" sheets with two plans on each sheet at a scale of 1" = 100'.
- 4) The location of the proposed underground fiber optic cable and conduits will be coordinated with the COUNTY during the 60% design.
- 5) The ENGINEER retained ECHO Utility Engineering & Survey, Inc. as a subconsultant to perform subsurface utility engineering and utility survey services for the proposed signal pole locations under the previous Agreement. This Agreement includes an additional field mobilization for field crews to perform subsurface utility engineering for the signal poles at the intersections of SW 90<sup>th</sup> Street and SW 80<sup>th</sup> Street for the Phase A portion of the project.
- 6) Design of CCTV poles is not included in this Agreement.
- 7) Temporary signal design and/or plans is not included in this Agreement.

#### **J. Lighting Design and Plans**

- 1) The ENGINEER will develop Lighting Plans for the intersections at SW 90<sup>th</sup> Street, SW 80<sup>th</sup> Street, SW 63<sup>rd</sup> Street Road, and SW 38<sup>th</sup> Street. The lighting plan sheets will be included in the Roadway Plan sets for Phases A and B.
- 2) The lighting design will include analysis for horizontal illuminance for the intersections and vertical illuminance for the proposed crosswalks. The design will conform with the FDOT Design Manual, 200 Series to the greatest extent possible.
- 3) It is expected that luminaires will need to be added to the proposed signal poles and ground mounted light poles will be needed near the intersection. The ENGINEER will coordinate with the respective power company for installation of ground mounted light poles. The COUNTY will enter into a leasing agreement with the power company for the ground mounted light poles.
- 4) The ENGINEER will coordinate with the existing development/maintaining agency for the existing light poles located at SW 80<sup>th</sup> Avenue and SW 63<sup>rd</sup> Street Road. This coordination will consist of determining existing light pole and fixture type and coordination for relocation or removal of existing light poles. The ENGINEER will include the existing light poles in the proposed lighting analysis.
- 5) The ENGINEER will perform voltage drop calculations and size the conductors for the luminaires on signal poles. The electrical design of the ground mounted light poles will be performed by the power company.
- 6) The ENGINEER will document the lighting analysis in a Lighting Design Analysis Report and will submit to the County with the 60%, 90%, and 100% submittals.
- 7) The ENGINEER will develop plan quantities and an opinion of probable construction cost at 60%, 90% and 100% plan stages. The opinion of probable construction cost for the lighting work will be included with Project's overall construction cost.

*The COUNTY acknowledges that ENGINEER has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable construction costs will be based on the information known to the ENGINEER at the time and represent only ENGINEER's design*

*professional familiar with the construction industry. The ENGINEER cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.*

- 8) The ENGINEER will file a notice with the FAA for the proposed light poles at the intersection of SW 80<sup>th</sup> Avenue and SW 38<sup>th</sup> Street to confirm no conflict with the runway at Ocala International Airport.
- 9) Temporary lighting design and/or plans is not included in this Agreement.

## **K. Permitting**

- 1) The ENGINEER will prepare and submit ERP application, calculations, and design plans to the Southwest Florida Water Management District (SWFWMD) for Phase A. The ENGINEER will submit plans and supporting documentation to provide a complete permit application. The ENGINEER will respond to up to three requests for additional information and address permitting agency review comments and attend phone calls with SWFWMD as appropriate, through permit issuance. For all permits, the COUNTY will be the applicant and provide signatures.
- 2) The ENGINEER will prepare and submit phased review packages for each set of Phase A design plans to the COUNTY:
  - a. 100% Roadway Plans and Calculations
  - b. Final Signed and Sealed Roadway Plans and Calculations
  - c. Estimated quantities at 100% and Final Signed and Sealed Plans Stages
  - d. Opinions of Probable Construction Costs at 60%, 90% and 100% Plans Stages

Please note that the ENGINEER has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs will be based on the information known to ENGINEER at the time and represent only the ENGINEER's judgment as a design professional familiar with the construction industry. The ENGINEER cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

- 3) The COUNTY will review each review package promptly and provide written comments, compiled by all reviewers into a single document, to the ENGINEER. The ENGINEER will, with each following submittal, provide a written response to all COUNTY comments detailing how each review comment was addressed.
- 4) Following the COUNTY's review of the 100% Roadway Plans and Calculations, it is expected that the COUNTY will provide a written approval for the ENGINEER's records indicating that all comments have been addressed and the plans are approved as submitted.

## **L. Permit Application Fee Allowance**

- 1) Under this task, the ENGINEER will provide payment of application and noticing fees to the permitting agencies identified in the Scope of Services and invoice the Client for submittal to the COUNTY for those amounts as a direct expense on the following monthly invoice. If additional budget is required during performance of the project, the ENGINEER will notify the Client.

## **TASK GROUP 2:**

### **M. DRAINAGE RETENTION AREA SITING, SELECTION AND GEOTECH COORDINATION**

Under this task the ENGINEER will select Drainage Retention Area (DRA) sites to serve this project and prepare a minimum scope of geotechnical testing and reporting to support the design, analysis and permitting of the stormwater management system for this project. The ENGINEER will coordinate with the Geotechnical Engineering consulting firm hired by Marion County for this project.

Selection of DRAs will be based on the approved Preliminary Engineering Report, prepared for Marion County by Guerra Development Corporation. Additionally, the ENGINEER will consider changes in the status of previously identified DRA sites and adjust the selection of sites to suit current conditions, including consideration of possible shared DRAs with stake holders along the corridor.

This fee for this work is part of the original agreement.

### **N. DRAINAGE RETENTION AREA DESIGN AND ANALYSIS**

This task involves design and analysis of up to three (3) DRAs to be designed as part of Phase A and separated from the remainder of the corridor for Segment 1.

Accepted deviations from the Marion County Land Development Code for roadway projects will be considered in the design of DRAs if applicable to enhance safety or cost efficiency.

The scope of the Design and Analysis of DRAs for this project will include stormwater management for the roadway right of way, permanent easements and DRAs. Resolution of flooding problems outside of the project limits described immediately above is outside the scope of this agreement.

The fee shown in this amendment 2 is an incremental cost in addition to the original agreement and it represents the addition of a second set of drawings and separate bid.

### **O. DRAINAGE RETENTION AREAS REPORT**

The ENGINEER will prepare calculations, computer models for stormwater management and present the results of the analysis in a Stormwater Management Report, suitable for review and permitting. The report will be provided to COUNTY in electronic PDF format.

The fee shown in this amendment 2 is an incremental cost in addition to the original agreement and it represents the preparation of a separate report.

### **P. RETENTION AREAS PLANS**

The fee shown in this amendment 2 is an incremental cost in addition to the original agreement and it represents the addition of a second set of drawings and separate bid.

#### **Q. PROJECT DESIGN PROGRESS MEETINGS**

The ENGINEER will attend and conduct, if so instructed by COUNTY, project progress meetings at the office of the county engineer. Progress meetings will be held generally on a monthly basis, unless project needs require adjustments to this frequency.

The fee shown in this amendment 2 is an incremental cost in addition to the original agreement and it represents an addition to the original agreement.

#### **TASK GROUP 3:**

##### **BID ASSISTANCE (NOT INCLUDED)**

This task would include preparation/modifications of Special Provisions, attend pre-bid meetings, respond to RFAI from prospective bidders, assist COUNTY in preparation of bid addendums, review of low bid with recommendation for award/not to award.

##### **POST DESIGN SERVICES (NOT INCLUDED)**

COUNTY agrees as part of this agreement to contract with Guerra Development Corporation for project oversight during construction, also known as Post-Design Services. Said services include among other services, review of product and material submittals by CONTRACTOR, site visits to verify that the intent of the design is being followed, design adjustment to address field changes and conditions.

##### **PUBLIC MEETINGS / PRESENTATIONS (NOT INCLUDED)**

##### **EMINENT DOMAIN ASSISTANCE SERVICES (NOT INCLUDED)**

##### **EXPERT WITNESS SERVICES (NOT INCLUDED)**

#### **PART III – SCHEDULE**

The ENGINEER will provide these services in an expeditious and orderly manner to meet the schedule mutually agreed to by the COUNTY and ENGINEER.

This project is expected to add 8 months to the 22 months for the original agreement.

## **PART IV – MISCELLANEOUS**

### **A. GOVERNING REGULATIONS**

The services performed by the ENGINEER will comply with applicable COUNTY and FDOT Standards Guidelines. The current edition, including updates, of the following References and Guidelines will be used in the performance of this work.

1. Marion County Land Development Code
2. Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (FDOT Greenbook, 2016 & 2018)
3. FDOT Florida Design Manual (FDM, January 2022)
4. FDOT Drainage Manual (January 2022)
5. FDOT Flexible Pavement Design Manual (January 2022)
6. AASHTO's "A Policy on Geometric Design of Highways and Streets" (2018)
7. Florida Manual on Uniform Traffic Studies (MUTS) (January 2021)
8. Manual on Uniform Traffic Control Devices (MUTCD) (2009)
9. AASHTO Guide for the Development of Bicycle Facilities, 4<sup>th</sup> Edition (2012)

### **B. PROGRESS REPORTING**

The ENGINEER will provide periodic e-mails and monthly written progress reports that describe the work performed on each task. Progress reports will be delivered to the COUNTY concurrently with the monthly invoice.

### **C. QUALITY CONTROL**

The ENGINEER will be responsible for the professional quality, technical accuracy and coordination of surveys, designs, drawings, specifications and other services furnished by the ENGINEER under this Agreement.

The ENGINEER will provide a Quality Control Plan, 30 days after the purchase order is issued, that describes the procedures to be utilized to verify, independently check, and review design drawings, specifications, and other documentation prepared as a part of the contract. The ENGINEER will describe how the checking and review processes are to be documented to verify that the required procedures were followed. The Quality Control Plan may be one utilized by the ENGINEER as part of their normal operation or it may be one specifically designed for this project.

### **D. CORRESPONDENCE**

Copies of written correspondence between the ENGINEER and any party pertaining specifically to this Agreement will be provided to the COUNTY for their records.

## **E. SUBMITTALS**

The ENGINEER will provide copies of the required documents as listed below. These are the anticipated printing requirements for the project. Up to five copies will be submitted to the COUNTY and additional copies will be submitted to the regulating agencies as required for review and approval. In addition, up to two copies of each roadway plan submittal will be provided to the COUNTY for each utility company affected by the project.

1. Sketch and Legal Descriptions
2. Natural Resource Assessment
3. Addendum to CRAS
4. Drainage Design Reports
5. Signal Timing and Phasing Report
6. Structural Design Calculations for Signal Strain Poles
7. 30% Roadway Design Roll Plot
8. 60% Roadway Plans and Design Calculations
9. 90% Roadway Plans and Design Calculations
10. 100% Roadway Plans and Design Calculations
11. Estimated quantities at 60%, 90% and 100% Plans stages
12. Opinions of Probable Construction Costs at 60%, 90% and 100% Plans Stages in Microsoft Excel and PDF formats
13. Final Roadway Plans, digitally signed and sealed
14. Digital files in electronic format (PDF and AutoCAD) at the final submittal

END OF SCOPE OF SERVICES FOR AMENDMENT 2

NW-SW 80th-70th Avenue Segment 1 - Final Design Amendment 2 (Rev 2)										
From SW 90th St to 0.5 mi. north of SW 38th St. (Approx. 4.7 Miles) 14 Nov 2024		PRINCIPAL	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENGINEER	CADD SENIOR TECH	CADD TECH	CLERICAL	SUB- CONSULTANT	TOTALS
HOURLY RATE		\$ 250.00	\$ 175.00	\$ 150.00	\$ 125.00	\$ 75.00	\$ 65.00	\$ 45.00	\$ 1.00	
TASK DESCRIPTION										
TASK GROUP 1:										
A - PROJECT ADMINISTRATION		4	20	16	4			12		56
		1,000	3,500	2,400	500	0	0	540	0	\$7,940.00
B - CULTURAL RESOURCE ASSESSMENT SURVEY		1	6	8	2			6	21,200	21223
		250	1,050	1,200	250	0	0	270	21,200	\$24,220.00
C - GEOTECHNICAL COORDINATION		3	5	10	15	20		4		57
		750	875	1,500	1,875	1,500	0	180	0	\$6,680.00
D - DESIGN ANALYSIS		4	10	19	26	4	6	10		79
		1,000	1,750	2,850	3,250	300	390	450	0	\$9,990.00
E - DRAINAGE ANALYSIS		2	10	14	24	4	8	4		66
		500	1,750	2,100	3,000	300	520	180	0	\$8,350.00
F - UTILITY COORDINATION		4	18	24	54	4	6	72		182
		1,000	3,150	3,600	6,750	300	390	3,240	0	\$18,430.00
G - ROADWAY PLANS		24	130	154	190	190	270	48		1006
		6,000	22,750	23,100	23,750	14,250	17,550	2,160	0	\$109,560.00
H - TEMPORARY TRAFFIC CONTROL CONCEPTS		5	15	25	34	4	8	8		99
		1,250	2,625	3,750	4,250	300	520	360	0	\$13,055.00
I - SIGNALIZATION PLANS		10	58	130	152	58	85	16	2,800	3309
		2,500	10,150	19,500	19,000	4,350	5,525	720	2,800	\$64,545.00
J - LIGHTING DESIGN AND PLANS		9	52	100	146	58	70	26		461
		2,250	9,100	15,000	18,250	4,350	4,550	1,170	0	\$54,670.00
K - PERMITTING		8	28	53	100	20	20	25		254
		2,000	4,900	7,950	12,500	1,500	1,300	1,125	0	\$31,275.00
L - PERMIT APPLICATION FEE ALLOWANCE								4,000	4000	
		0	0	0	0	0	0	0	4,000	\$4,000.00
TASK GROUP 2:										
M - DRAINAGE RETENTION AREA SITING, SELECTION AND GEOTECH COORDINATION (FEE IN ORIGINAL AGREEMENT)										0
		0	0	0	0	0	0	0	0	\$0.00
N - DRAINAGE RETENTION AREA DESIGN AND ANALYSIS		6	10	12		8		2		38
		1,500	1,750	1,800	0	600	0	90	0	\$5,740.00
O - DRAINAGE RETENTION AREAS REPORT		2	20	8		8	8	4		50
		500	3,500	1,200	0	600	520	180	0	\$6,500.00
P - RETENTION AREAS PLANS		2	10	38		40	40	6		136
		500	1,750	5,700	0	3,000	2,600	270	0	\$13,820.00
Q - PROJECT DESIGN PROGRESS MEETINGS		0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	\$0.00
FEES										
PERSONNEL HOURS		84	392	611	747	418	521	243	28,000	31,016
AMOUNT		\$ 21,000	\$ 68,600	\$ 91,650	\$ 93,375	\$ 31,350	\$ 33,865	\$ 10,935	\$ 28,000	\$378,775.00