



# Hall County Government

PURCHASING DIVISION

## CONTRACT EXECUTION SIGNATURE REQUEST

POST OFFICE DRAWER 1435  
GAINESVILLE, GA 30503

t: 770.535.8270 | f: 770.531.6711

INTERIM FINANCIAL SERVICES  
DIRECTOR  
**Taylor Samples, CPA**

PURCHASING MANAGER  
**Andy Penick**

Date: April 26, 2024

To: Richard Higgins, Chairman Hall County Board of Commission

From: Andy Penick

Your signature is requested to execute the attached Contract.

Bid/Contract No: #41-001

Contract Name: Demand Services for Civil Engineering - Design Services for SR 365 Corridor Intersection & Widening Improvements

Task Order #2024-027 White Sulphur Road Intersection & Widening and  
Task Order #2024-029 Cagle Road Intersection Improvements

Department(s) Requesting Contract: Public Works

Award Recipient Name: Atlas Technical Consultants, LLC

Contract Description:

- Annual Contract       New       Renewal
- Price Increase Requested      Percentage Increase: N/A
- Demand Service Contract      Previous Spend: N/A
- Commodity Contract      Requested Amount: \$833,605.00
- Demand Service Contract

### Comments:

Task order #2024-027 is for Civil Engineering Design Services for SR 365 Corridor – White Sulphur Road Intersection & Widening, with an anticipated completion time of 18 months of Notice-to-Proceed.

Task order #2024-029 is for Civil Engineering Design Services for SR 365 Corridor - Cagle Road Intersection Improvements with an anticipated completion time of 10 months of Notice-to-Proceed.

CONTRACT EXECUTION SIGNATURE REQUEST  
PRICE INCREASE DETAILS

Bid/Contract No: #41-001

Contract Name: Demand Services for Civil Engineering - Design Services for SR 365 Corridor  
Intersection & Widening Improvements



2450 Commerce Avenue | Suite 100  
Duluth, GA 30096-8910  
770.263.5945 | F 770.263.0166  
oneatlas.com

March 26, 2024

Andy Penick  
County Purchasing Manager  
Hall County Government  
2875 Brown Bridge Road  
Gainesville, Georgia 30504

**Re: Task Order Request #2024-027  
Civil Engineering Design Services - Engineering Services for SR  
365 Corridor – White Sulphur Road Intersection & Widening  
Improvements  
Fee Proposal  
Atlas Proposal #24-02977**

Dear Mr. Penick,

Atlas Technical Consultants is pleased to submit, as requested, a fee proposal to provide professional design services for the SR 365 Corridor – White Sulphur Road intersection and widening improvement project. The cost for the professional design services listed in the task order is **\$566,405**.

As requested, we are providing the cost for the following additional services not included in the task order scope of work: Traffic Study – **\$10,400**, Environmental Screening – **\$9,250**, Phase 1 Environmental Site Assessment – **\$7,535**, and Pavement Evaluation – **\$19,130**. We have meticulously detailed the scope for all remaining tasks in the attached document.

We understand that this project will be County-let and 100% LMIG funded. It is also our understanding that the County's current project concept consists of adding an additional 12-foot lane on White Sulphur Road of approximately 2,500 feet in length from SR 365 westbound to the proposed Port entrance; lengthening the existing White Sulphur Road left turn lanes both north and southbound onto SR 365, and add an additional left turn lane approximately 400 feet in length on SR 365 northbound onto White Sulphur Road westbound.

Our proposal assumes that the proposed improvements to White Sulphur Road will end before the railroad crossing, based on the County's current concept. Therefore, no railroad coordination or permitting has been included in our cost proposal.

Plans will be developed to meet current GDOT, County, AASHTO, and EPD guidelines. We assume this project will not require public involvement, such as a public hearing or public information meeting. We anticipate completing the following major plan development tasks as per the proposed task order:



Andy Penick  
March 26, 2024  
Page 2

- Pre-Design Services/Concept Development – Task 1
  - Survey
  - SUE Utility Location & Coordination
  - Geotechnical studies
  - Conceptual layout and cost estimates
- Engineering Design Service/ Preliminary, Right of Way & Final Plans – Task 2
  - Preliminary construction plan submission and approval
  - Right of way plan submission & approval
  - Final construction plan submission, plans specification, estimate and approval
  - GDOT, Hall County, and EPD Permit
- Bid and Construction Service – Task 3
  - Bid package preparation, project bidding, bid review, and recommendation

If you have any questions or need additional information, please do not hesitate to contact me at 770.530.9194.

Sincerely,

A handwritten signature in blue ink that reads "Todd Long". The signature is fluid and cursive, with the first name "Todd" and last name "Long" clearly distinguishable.

Todd I. Long, PE, PTOE  
Southern States Hub Leader

cc: Adolfo Guzman, PE  
Brad Hale, PE



## SCOPE OF WORK

### Pre-Design Services Items – Task 1

Atlas will provide professional engineering and survey services to develop construction documents for the SR 365 at the White Sulphur Road intersection and widening improvements project. The project consists of adding an additional 12-foot lane on White Sulphur Road of approximately 2,500 feet in length from SR 365 westbound to the proposed Port entrance, lengthening the existing White Sulphur Road left turn lanes both north and southbound onto SR 365 and adding an additional left turn lane approximately 400 feet in length on SR 365 northbound onto White Sulphur Road westbound.

#### Concept Development

The Atlas roadway design team will use innovative design techniques during the project's development to provide the safety, operations, and capacity required while meeting the needs of the County's traveling public and stakeholders.

After NTP and upon completion of the database, utility location, and geotechnical survey, we intend to develop the proposed concept layout and associated construction and ROW estimate for review and approval by the County. The proposed layout will be developed and evaluated from an engineering/public/environmental perspective, and it will address the project's needs and purpose and meet the area's mobility needs for the project.

**Survey** – Upon receiving NTP, we will begin work on this task. We will establish control throughout the project, with the horizontal control being referenced to NAD 1983 and the vertical control being tied to the NAVD 1988. The database will be prepared in OpenRoads. The expected boundary of the survey will extend as shown in the attached aerial photograph, Exhibit A. Our team will perform courthouse research, obtaining all available plats and deeds of all properties affected by the project. We will then compile a property owners' data file consisting of:

- Owners' names
- Owners' addresses
- Tax parcel numbers
- Land lot and district numbers
- Deed book and page numbers
- Plat book and page numbers
- Existing lot area

We will establish the following:

1. Locate and identify all existing surface-evident utility facilities, sanitary sewers, stormwater systems, drainage features, existing ground features, driveways, side streets, and any other planimetric structure essential to the project's design.
2. Locate right-of-way, property lines, and any other information necessary to design and obtain right-of-way and easements for the project.
3. Establish a centerline or baseline for all roadways and driveways. Stationing for the centerline or baseline of all roadways will be painted/pinned and identified.
4. Establish profile, as necessary, of all roadways, driveways, and surrounding terrain needed to design roadways, any detours to maintain traffic, design of major drainage structures, design of storm systems, detention, realignment of roads, etc.
5. Develop a horizontal and vertical control package.

*Utility Location & Coordination* – Our team will provide utility coordination and subsurface utility engineering (SUE) services, Level B and Level A, to determine accurate underground utility locations and assess utility conflicts for the project.

*Geotechnical Investigation* – Our team will perform all the necessary fieldwork investigations and lab analyses to develop the required project soil report.

## **Engineering Design Services – Task 2**

### **Preliminary Construction Plans**

Upon approval of the concept, our team will begin developing preliminary construction documents in accordance with Hall County and GDOT requirements. The horizontal and vertical alignments will be developed, taking into account property impacts, the existing terrain, and the constructability of the project. In addition, initial quantities and right-of-way footprint will be developed before the preliminary plan review and right-of-way plan submission. The following is a list of the basic tasks associated with the Preliminary Design of the project:

- Development of typical sections
- Development of proposed vertical and horizontal alignments
- Evaluation of existing drainage system and development of proposed design improvements
- Development of cross sections
- Preparation of staging and traffic control plans
- Preparation of signing and marking plans
- Preparation of retaining wall plans (if applicable)
- Preparation of pavement design
- Preparation of preliminary erosion control plan
- Establishment of preliminary right of way and construction easements
- Development of preliminary construction cost estimate
- QC/QA throughout the development of the preliminary construction documents
- Preliminary plan submittals, review and attend the PFPR

### **Right of Way Plans**

After the successful completion and approval of the preliminary plans, our team will begin preparing the required right-of-way plans. Based on our preliminary review, we estimated that the project will impact approximately 22 parcels. For the 22 expected impacted parcels, right-of-way and easement takes will be established along with descriptions.

### **Final Construction Plans**

After the final right-of-way plans have been submitted and approved by the County, our team will begin developing the final construction plans and construction documents needed to let the project. This will include preparing final construction cost estimates, special provisions, final utility coordination of proposed utilities, and obtaining all the necessary permits if applicable.

## **Bid and Construction Services – Task 3**

### **Bid Process Phase**

Atlas will prepare the corresponding bid documents, distribute plans and specifications to prequalified contractors, handle requests for clarifications, prepare the necessary bid addenda, handle bid opening, evaluate and tabulate bids and provide a recommendation of award letter.

### Construction Administration

We will visit the project site once a month to verify that the project is being constructed in compliance with the design criteria specified in the construction plans and documents. We assumed 18 months of construction time. We will attend the kick-off meeting and construction progress meetings. We will also review field changes, change orders, pay applications, RFI, and shop drawings, and prepare the 7-day erosion control inspection letter as per EPD requirements.

### Additional Services

#### 1. Traffic Studies & ICE Analysis

The traffic study will include a comprehensive traffic analysis of the intersection and approach roadways. The study would be a tool to validate the County's current concept plan improvements or to determine if additional improvements are needed to meet the County, traveling public, and stakeholder needs. The following tasks will be performed:

- Collect existing traffic and accident data for the study area.
- Conduct a capacity analysis of the intersection for Existing, Open Year, and Design Year.
- Prepare a memorandum describing the findings of the study.
- Prepare a GDOT ICE analysis for the intersection.

#### 2. Environmental Screening & Phase 1 Environmental Site Assessment

*Environmental Screening* will consist of the following activities:

- Environmental survey to identify state or federally jurisdictional water resources.
- Coordinate with the local issuing authority and or Georgia Environmental Protection Division to determine whether identified resources are considered buffered resources.
- Phase 1 Environmental Site Assessment
- Ground Penetrating Radar at cemetery locations

#### *Assumptions*

- Preliminary desktop screening did not identify waters of the US within the project area.
- Environmental field surveys for ecology will be completed to verify the presence/absence of waters. If identified, waters of the US will be provided to design to incorporate into the plans.
- No permits are anticipated.

#### 3. Pavement Evaluation

*We will core the existing pavement to determine the potential resurfacing pavement design structure.*

### Exclusions

1. No environmental permitting or mitigation is included in the proposal. If permitting or mitigation is needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.
2. No Phase 2 ESA is included in the proposal. If a Phase 2 ESA is needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.
3. No right-of-way staking is included in the proposal. If Right of Way Staking is needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.

**BID FORM**

**Company Name:** Atlas Technical Consultants LLC

**Bidder's Name:** Todd I. Long, PE, PTOE

**Date:** 3.26.2024

**Bid Lump Sum Amount \$** 566,405

**Anticipated Completion Time:** 18 months from NTP


Please see our letter for additional services pricing requested in Jorge Gomez's email of February 29, 2024.

Please sign below and return to [apenick@hallcounty.org](mailto:apenick@hallcounty.org).

**IN WITNESS WHEREOF**, said Parties have hereunto affixed their signature and seal on the day, month, and year first above written:

Atlas Technical Consultants, LLC

(Contractor's Full Legal Corporate Name)

By: 

Title: Southern States Hub Leader

Print Name: Todd Long, PE, PTOE

Attestment: 

**HALL COUNTY, GEORGIA**

By: \_\_\_\_\_

Richard Higgins, Chairman  
Hall County Board of Commissioners

Attestment: \_\_\_\_\_

Board of Commissioners Clerk

**APPROVED AS TO FORM:**

\_\_\_\_\_  
County Attorney



**Hall COUNTY**  
**SR 365/ US 23 at White Sulphur Road**  
**Intersection Improvements & Widening**

**Estimated Project Costs**

26-Mar-24

**ATLAS TECHNICAL CONSULTANTS**

<b>1. Direct Labor (Specify)</b>				
<b>Personnel</b>	<b>Est Hours</b>	<b>Rate/Hr</b>	<b>Est. Cost (\$)</b>	<b>Totals</b>
<b>CONCEPT</b>				
Principal in Charge	1	\$200.00	\$200.00	
Project Manager	69	\$175.00	\$12,075.00	
QAQC Senior Review Engineer – PE	1	\$175.00	\$175.00	
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer	136	\$100.00	\$13,600.00	
Design Technician / CAD Operator	400	\$70.00	\$28,000.00	
Senior Structural Designer – PE	160	\$160.00	\$25,600.00	
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE	55	\$150.00	\$8,250.00	
Landfill Engineer		\$125.00		
Office Engineer	8	\$100.00	\$800.00	
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>830</b>			<b>\$88,700.00</b>
<b>DATABASE</b>				
Principal in Charge		\$200.00		
Project Manager		\$175.00		
QAQC Senior Review Engineer – PE	1	\$175.00	\$175.00	
Survey Department Head – RLS	10	\$150.00	\$1,500.00	
Registered Land Surveyor	56	\$100.00	\$5,600.00	
2-Man Survey Crew	318	\$110.00	\$34,980.00	
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer		\$100.00		
Design Technician / CAD Operator	164	\$70.00	\$11,480.00	
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer	24	\$100.00	\$2,400.00	
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>573</b>			<b>\$56,135.00</b>



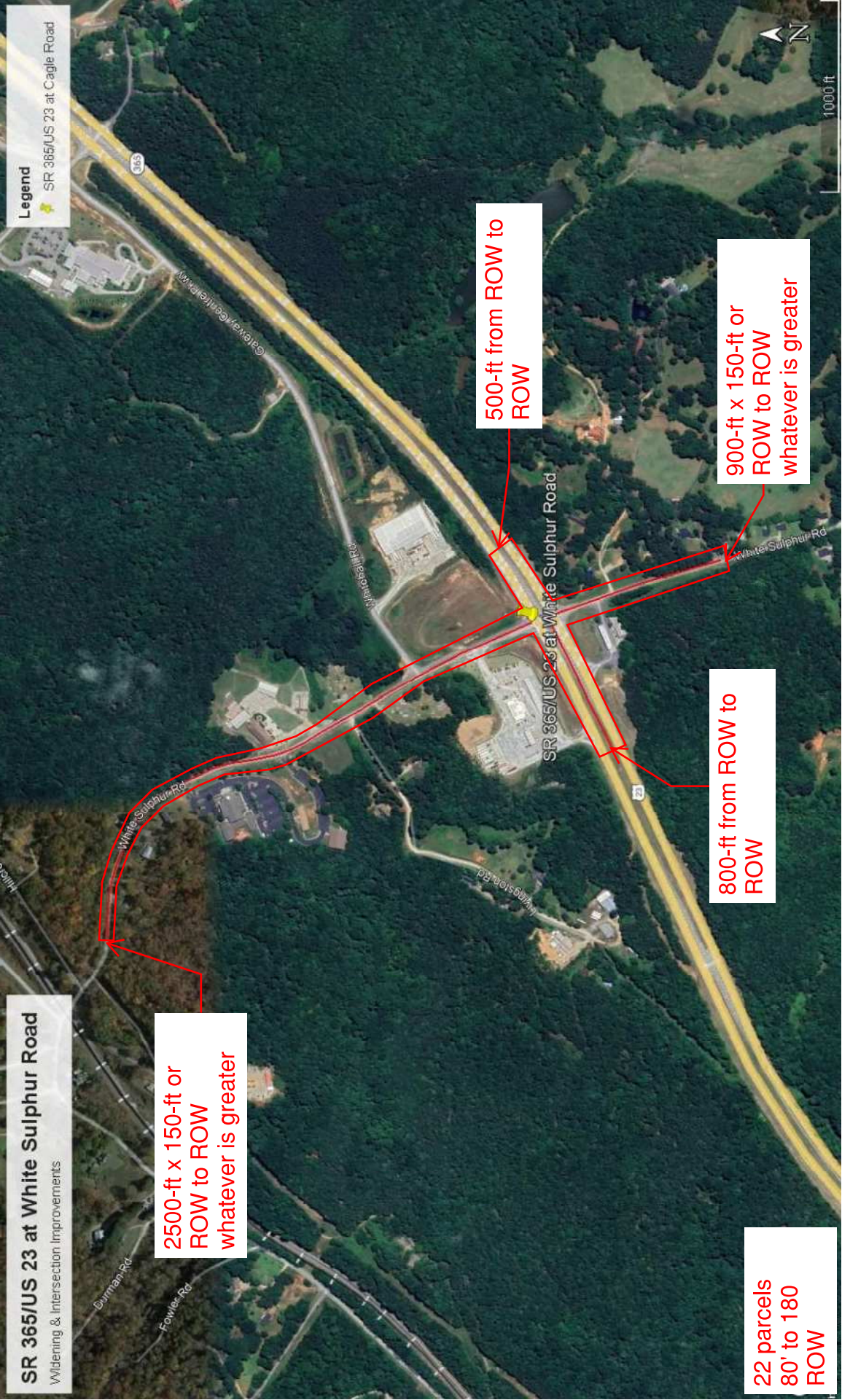
Senior Traffic Engineer / Signal Engineer – PE	11	\$150.00	\$1,650.00	
Traffic Signal Design Engineer – EIT	34	\$100.00	\$3,400.00	
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer	25	\$100.00	\$2,500.00	
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>1018</b>			<b>\$110,370.00</b>
<b>BID &amp; CONSTRUCTION SERVICES</b>				
Principal in Charge		\$200.00		
Project Manager		\$175.00		
QAQC Senior Review Engineer – PE		\$175.00		
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE	206	\$160.00	\$32,960.00	
Roadway Design Engineer	56	\$100.00	\$5,600.00	
Design Technician / CAD Operator	40	\$70.00	\$2,800.00	
Senior Structural Designer – PE	16	\$160.00	\$2,560.00	
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer		\$100.00		
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>318</b>			<b>\$43,920.00</b>
<b>Total Direct Labor</b>				<b>\$550,905.00</b>
<b>2. Other Direct Costs (Specify)</b>				
Plotting/Reproduction				\$1,000.00
Travel/Mileage (Survey & SUE)				\$4,100.00
Coring				\$1,200.00
Drilling Rig				\$4,000.00
Private Utility				\$1,200.00
Laboratory				\$4,000.00
<b>Total Other Direct Costs</b>				<b>\$15,500.00</b>
<b>3. Maximum Amount of Contract Proposal (1) + (2)</b>				<b>\$566,405.00</b>

MAN-HOUR ESTIMATE																																						
Task Description	Principal-in-Charge	Project Manager	QA/QC Senior Review Engineer - PE	Survey Department Head - RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer - PE	Senior Roadway Design Engineer - PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer - PE	Structural Designer	Senior Traffic Engineer / Signal Engineer - PE	Traffic Signal Design Engineer - EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer - PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant																
<b>CONCEPT</b>																																						
<b>Road Design</b>																																						
Typical Sections		4							8	40	20																											
Concept Development & Layout on Aerial Photo		24							40	120	40																											
Construction Staging - Outline		8							24	40	20																											
Utility Conflicts - Prelim. Analysis		8							8	40	40										8																	
Concept Cost Estimate		8							8	40	20																											
<b>Drainage Design / Hydrology</b>																																						
Preliminary Analysis & Coordination		8							40	40	20																											
<b>Structural Design</b>																																						
Wall-Type Analysis		4							8	40																												
<b>Geotechnical</b>																																						
Soil Survey	1	5	1							40									55																			
<b>TOTALS</b>	1	69	1						136	400	160							55		8																		
<b>DATABASE</b>																																						
Field Surveys, Property Research/Resolution/ROW Staking									238																													
Field Surveys, SUE			1	2				80													8																	
Survey Data Reduction				8	56																																	
Subsurface Utility Engineering Database																																						
<b>TOTALS</b>			1	10	56	318				164											24																	
<b>PRELIMINARY ENGINEERING</b>																																						
Site Visits														4	4																							
<b>Road Design</b>																																						
Typical Sections		4							8	36	36																											
Horizontal Geometry		8							20	120	20																											
Roadway Profiles		8							12	80																												
Intersection Sight Distance Calc's		4							4	40	24																											
Cross Sections									4	40	8																											
Driveway Profiles		2							10	32	20																											
Staging Plans		8							40	100	40																											
R/W and Constr. ESMT Limits		8							20	60	32																											
Utility Plans (Existing Only)		8							8	20	60										15																	
<b>Traffic Engineering Design</b>																																						
Signing and Marking Plans (Prelim)														8	50																							
Signal Plans (Prelim)														2	32																							
<b>Drainage Design / Hydrology</b>																																						



Hall COUNTY  
 SR 365/ US 23 at White Sulphur Road  
 Intersection Improvements & Widening

MAN-HOUR ESTIMATE																											
Task Description	Principal-in-Charge	Project Manager	QA/QC Senior Review Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant					
Misc. Sign Details														6													
<b>Drainage Design / Hydrology</b>																											
Final Drainage Analysis & Design		2						20	40	40																	
<b>Erosion Control</b>																											
Finalize Erosion Control Plans		4						20	40	40																	
<b>Structural Design</b>																											
Final Retaining Wall Design Plans		4						8	60	16		16															
<b>Plan Reviews</b>																											
Quality Assurance Review								40					2														
Final Field Plan Review		8							8				8														
Address Review Comments		4						8	40	24	24		1	6													
<b>Bid Documents &amp; Bidding</b>																											
Preparation of Bid Documents									80																		
Bid Review and Recommendations									16																		
<b>TOTALS</b>		<b>44</b>						<b>172</b>	<b>452</b>	<b>240</b>	<b>24</b>	<b>16</b>	<b>11</b>	<b>34</b>							<b>25</b>						
<b>CONSTRUCTION ADM &amp; INSPECTION SERVICES</b>																											
Project Site Visits Once a Month - Assume 18 Month Construction								80																			
Answer Design Questions during Construction								24																			
Attend Construction meeting to Address Design Issues								40																			
Revise Plans for Use-On Construction								8	24	40																	
Prepare 7-day Erosion Control Inspection Letter								6																			
Review Field Chnages, Change Orders, Pay Application, RFI and Shop drawings								48	32		16																
<b>TOTALS</b>								<b>206</b>	<b>56</b>	<b>40</b>	<b>16</b>																
<b>GRAND TOTALS</b>	<b>1</b>	<b>265</b>	<b>2</b>	<b>10</b>	<b>56</b>	<b>318</b>		<b>716</b>	<b>1812</b>	<b>1344</b>	<b>200</b>	<b>56</b>	<b>39</b>	<b>126</b>				<b>55</b>		<b>72</b>							



**SR 365/US 23 at White Sulphur Road**  
Widening & Intersection Improvements

**Legend**  
SR 365/US 23 at Cagle Road

2500-ft x 150-ft or  
ROW to ROW  
whatever is greater

500-ft from ROW to  
ROW

900-ft x 150-ft or  
ROW to ROW  
whatever is greater

800-ft from ROW to  
ROW

22 parcels  
80' to 180'  
ROW

**Exhibit A**

# **Additional Services Fee Proposal**



**Hall COUNTY**  
**SR 365/ US 23 at White Sulphur Road**  
**Intersection Improvements & Widening**

**Traffic Studies & ICE Analysis**  
**Estimated Project Costs**

14-Mar-24

**ATLAS TECHNICAL CONSULTANTS**

<b>1. Direct Labor (Specify)</b>				
<b>Personnel</b>	<b>Est Hours</b>	<b>Rate/Hr</b>	<b>Est. Cost (\$)</b>	<b>Totals</b>
<b>CONCEPT</b>				
Principal in Charge		\$200.00		
Project Manager		\$175.00		
QAQC Senior Review Engineer – PE		\$175.00		
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer		\$100.00		
Design Technician / CAD Operator		\$70.00		
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE	24	\$150.00	\$3,600.00	
Traffic Signal Design Engineer – EIT	52	\$100.00	\$5,200.00	
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer		\$100.00		
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>76</b>			<b>\$8,800.00</b>
<b>Total Direct Labor</b>				<b>\$8,800.00</b>
<b>2. Other Direct Costs (Specify)</b>				
Traffic Counts				\$1,600.00
<b>Total Other Direct Costs</b>				<b>\$1,600.00</b>
<b>3. Maximum Amount of Contract Proposal (1) + (2)</b>				<b>\$10,400.00</b>



**Hall COUNTY**  
**SR 365/ US 23 at White Sulphur Road**  
**Intersection Improvements & Widening**

**Environmental Screening**  
**Estimated Project Costs**

14-Mar-24

**ATLAS TECHNICAL CONSULTANTS**

<b>1. Direct Labor (Specify)</b>				
<b>Personnel</b>	<b>Est Hours</b>	<b>Rate/Hr</b>	<b>Est. Cost (\$)</b>	<b>Totals</b>
<b>CONCEPT</b>				
Principal in Charge		\$200.00		
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Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer		\$100.00		
Design Technician / CAD Operator		\$70.00		
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager	16	\$125.00	\$2,000.00	
Environmental Scientist (Ecologist, Historian, Archaeologist)	8	\$100.00	\$800.00	
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer		\$100.00		
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>24</b>			<b>\$2,800.00</b>
<b>Total Direct Labor</b>				<b>\$2,800.00</b>
<b>2. Other Direct Costs (Specify)</b>				
Plotting/Reproduction				
Travel/Mileage				\$100.00
Ground Penetrating Radar (Cemetery)				\$6,350.00
<b>Total Other Direct Costs</b>				<b>\$6,450.00</b>
<b>3. Maximum Amount of Contract Proposal (1) + (2)</b>				<b>\$9,250.00</b>

If it is determine that an environmental permit is require then the additional services will be provided & billed at the above applicable rates.



**Hall COUNTY**  
**SR 365/ US 23 at SR 52 Intersection**  
**Intersection Improvements**  
**Phase 1 Environmental Site Assessment**  
**Estimated Project Costs**

14-Mar-24

**ATLAS TECHNICAL CONSULTANTS**

<b>1. Direct Labor (Specify)</b>				
<b>Personnel</b>	<b>Est Hours</b>	<b>Rate/Hr</b>	<b>Est. Cost (\$)</b>	<b>Totals</b>
<b>CONCEPT</b>				
Principal in Charge		\$200.00		
Project Manager	2	\$175.00	\$350.00	
QAQC Senior Review Engineer – PE		\$175.00		
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer		\$100.00		
Design Technician / CAD Operator		\$70.00		
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager	16	\$125.00	\$2,000.00	
Environmental Scientist (Ecologist, Historian, Archaeologist)	48	\$100.00	\$4,800.00	
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer		\$100.00		
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>66</b>			<b>\$7,150.00</b>
<b>Total Direct Labor</b>				<b>\$7,150.00</b>
<b>2. Other Direct Costs (Specify)</b>				
Plotting/Reproduction				\$331.20
Travel/Mileage				\$53.60
<b>Total Other Direct Costs</b>				<b>\$384.80</b>
<b>3. Maximum Amount of Contract Proposal (1) + (2)</b>				<b>\$7,534.80</b>



**Hall COUNTY**  
**SR 365/ US 23 at SR 52 Intersection**  
**Intersection Improvements**

**Pavement Evaluation**  
**Estimated Project Costs**

14-Mar-24

**ATLAS TECHNICAL CONSULTANTS**

<b>1. Direct Labor (Specify)</b>				
<b>Personnel</b>	<b>Est Hours</b>	<b>Rate/Hr</b>	<b>Est. Cost (\$)</b>	<b>Totals</b>
<b>CONCEPT</b>				
Principal in Charge		\$200.00		
Project Manager		\$175.00		
QAQC Senior Review Engineer – PE	6	\$175.00	\$1,050.00	
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer		\$100.00		
Design Technician / CAD Operator	24	\$70.00	\$1,680.00	
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)	24	\$100.00	\$2,400.00	
Senior Geotechnical Engineer – PE	40	\$150.00	\$6,000.00	
Landfill Engineer		\$125.00		
Office Engineer		\$100.00		
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>94</b>			<b>\$11,130.00</b>
<b>Total Direct Labor</b>				<b>\$11,130.00</b>
<b>2. Other Direct Costs (Specify)</b>				
Plotting/Reproduction				
Travel/Mileage				\$600.00
Coring (16 cores)				\$2,400.00
Traffic Control				\$5,000.00
<b>Total Other Direct Costs</b>				<b>\$8,000.00</b>
<b>3. Maximum Amount of Contract Proposal (1) + (2)</b>				<b>\$19,130.00</b>







2450 Commerce Avenue | Suite 100  
Duluth, GA 30096-8910  
770.263.5945 | F 770.263.0166  
oneatlas.com

March 26, 2024

Andy Penick  
County Purchasing Manager  
Hall County Government  
2875 Brown Bridge Road  
Gainesville, Georgia 30504

**Re: Task Order #2024-029  
Civil Engineering Design Services - Engineering Services for  
SR 365 Corridor – Cagle Road Intersection Improvements  
Fee Proposal  
Atlas Proposal #24-02975**

Dear Mr. Penick,

Atlas Technical Consultants is pleased to submit, as requested, a fee proposal to provide professional design services for the SR 365 Corridor – Cagle Road intersection improvement project. The cost for the professional design services listed in the task order is **\$207,585**.

As requested, we are providing the cost for the following additional services not included in the task order scope of work: Traffic Study – **\$10,400** and Environmental Screening – **\$2,900**. We have meticulously detailed the scope for all remaining tasks in the attached document.

We understand that this project will be County-let and 100% LMIG funded. It is also our understanding that the county's current project concept consists of installing concrete islands outside of SR 365 travel lanes, converting the full access approach from Cagle Road to a right-turn-only condition. A concrete median with striping will be installed in the center of the intersection, allowing for left-turn access onto Cagle Road from SR 365 but eliminating straight or left-turn access from Cagle Road. An additional "U-Turn" lane will also be installed inside the median of SR 365, approximately 0.18 miles south of the Cagle Road Intersection.

Plans will be developed to meet current GDOT, County, AASHTO, and EPD guidelines. We assume this project will not require right of way or public involvement, such as a public hearing or public information meeting. We anticipate completing the following major plan development tasks as per the proposed task order:

- Pre-Design Services/Concept Development – Task 1
  - Survey
  - SUE Utility Location & Coordination



Andy Penick  
March 26, 2024  
Page 2

- Geotechnical studies
- Conceptual layout and cost estimates
- Engineering Design Service/ Preliminary, Final Plans – Task 2
  - Preliminary construction plan submission & approval
  - Final construction plan submission, plans specification, estimate and approval
  - GDOT, Hall County, and EPD Permit
- Bid and Construction Service – Task 3
  - Bid package preparation, project bidding, bid review, and recommendation

If you have any questions or need additional information, please do not hesitate to contact me at 770.530.9194.

Sincerely,

A handwritten signature in blue ink that reads "Todd Long". The signature is fluid and cursive, with the first name "Todd" and last name "Long" clearly distinguishable.

Todd I. Long, PE, PTOE  
Southern States Hub Leader

cc: Adolfo Guzman, PE  
Brad Hale, PE



## SCOPE OF WORK

### Pre-Design Services Items – Task 1

Atlas will provide professional engineering and survey services to develop construction documents for the SR 365 at Cagle Road intersection improvements project. The project involves installing concrete islands outside SR 365 travel lanes, converting the full access approach from Cagle Road to a right-turn-only condition. A concrete median with striping will be installed in the center of the intersection, allowing left-turn access onto Cagle Road from SR 365 but eliminating straight or left-turn access from Cagle Road. An additional “U-Turn” lane will also be installed inside the median of SR 365, approximately 0.18 miles south of the Cagle Road intersection.

#### Concept Development

The Atlas roadway design team will use innovative design techniques during the project's development to provide the safety, operations, and capacity required while meeting the needs of the County's traveling public and stakeholders.

After NTP and upon completion of the database, utility location, and geotechnical survey, we intend to develop a proposed concept layout and associated construction estimate for review and approval by the county. The proposed layout will be developed and evaluated from an engineering/public/environmental perspective, and it will address the project's needs and purpose and meet the area's mobility needs for the project.

**Survey** – Upon receiving NTP, we will begin work on this task. We will establish control throughout the project, with the horizontal control being referenced to NAD 1983 and the vertical control being tied to the NAVD 1988. The database will be prepared in Open Roads. The expected boundary of the survey will extend as shown in the attached aerial photograph, Exhibit A. Our team will perform courthouse research, obtaining all available plats and deeds of all properties affected by the project. We will then compile a property owners' data file consisting of:

- Owners' names
- Owners' addresses
- Tax parcel numbers
- Land lot and district numbers
- Deed book and page numbers
- Plat book and page numbers
- Existing lot area

We will establish the following:

1. Locate and identify all existing surface-evident utility facilities, sanitary sewers, stormwater systems, drainage features, existing ground features, driveways, side streets, and any other planimetric structure essential to the project's design.
2. Locate right-of-way, property lines, and any other information necessary to design and obtain right-of-way and easements for the project.
3. Establish a centerline or baseline for all roadways and driveways. Stationing for the centerline or baseline of all roadways will be painted/pinned and identified.
4. Establish profile, as necessary, of all roadways, driveways, and surrounding terrain needed to design roadways, any detours to maintain traffic, design of major drainage structures, design of storm systems, detention, realignment of roads, etc.
5. Develop a horizontal and vertical control package.

*Utility Location & Coordination* – Our team will provide utility coordination and subsurface utility engineering (SUE) services, Level B and Level A, to determine accurate underground utility locations and assess utility conflicts for the project.

*Geotechnical Investigation* – Our team will perform all the necessary fieldwork investigations and lab analyses to develop the required project soil report.

## **Engineering Design Services – Task 2**

### **Preliminary Construction Plans**

Upon approval of the concept, our team will begin developing preliminary construction documents in accordance with Hall County and GDOT requirements. The horizontal and vertical alignments will be developed, taking into account the existing terrain and constructability of the project. Based on our preliminary review and the County's current concept, we do not expect the need for any right of way, construction easement, or environmental permits for this project. The following is a list of the basic tasks associated with the preliminary design of the project:

- Development of typical sections
- Development of proposed vertical and horizontal alignments
- Evaluation of existing drainage system and development of proposed design improvements
- Development of cross sections
- Preparation of staging and traffic control plans
- Preparation of signing and marking plans
- Preparation of pavement design
- Preparation of preliminary erosion control plan
- Development of preliminary construction cost estimate
- QC/QA throughout the development of the preliminary construction documents
- Preliminary plan submittals, review and attend the PFPR

### **Final Construction Plans**

After the final preliminary plans have been submitted and approved by the County, our team will begin developing the final construction plans and construction documents needed to let the project. This will include preparing final construction cost estimates, special provisions, final utility coordination of proposed utilities, and obtaining all the necessary permits if applicable.

## **Bid and Construction Services – Task 3**

### **Bidding Process**

Atlas will prepare the corresponding bid documents, distribute plans and specifications to prequalified contractors, handle requests for clarifications, prepare the necessary bid addenda, handle bid opening, evaluate and tabulate bids and provide a recommendation of award letter.

### **Construction Administration**

We will visit the project site once a month to verify that the project is being constructed in compliance with the design criteria specified in the construction plans & documents. We assumed 6 months of construction time. We will attend the Kick-off meeting and construction progress meetings. We will also review field changes, change orders, pay applications, RFI, and shop drawings and prepare the 7-day erosion control inspection letter as per EPD requirements.

## Additional Services

### 1. Traffic Studies & ICE Analysis

The traffic study will include a comprehensive traffic analysis of the intersection and approach roadways. The study would be a tool to validate the County's current concept plan improvements or to determine if additional improvements are needed to meet the County, traveling public and stakeholder needs. The following tasks will be performed:

- Collect existing traffic and accident data for the study area.
- Conduct a capacity analysis of the intersection for Existing, Open Year, and Design Year.
- Prepare a memorandum describing the findings of the study.
- Prepare a GDOT ICE analysis for the intersection.

### 2. Environmental Screening

*Environmental Screening* will consist of the following activities:

- Environmental survey to identify state or federally jurisdictional water resources.
- Coordinate with the local issuing authority and/or Georgia Environmental Protection Division to determine whether identified resources are considered buffered resources.

#### *Assumptions*

- Preliminary desktop screening did not identify waters of the US within the project area.
- Environmental field surveys for ecology will be completed to verify the presence/absence of waters. If identified, waters of the US will be provided to design to incorporate into the plans.
- No permits are anticipated.

## Exclusions

1. No right-of-way plan or right-of-way plat preparation is included in the proposal, as we assume this project will not require any right-of-way. If right-of-way plans are needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.
2. No environmental permitting or mitigation is included in the proposal. If permitting or mitigation is needed, this will be considered additional work, which will be provided and billed at the agreed-upon contract rates.
3. No Phase 1 ESA or Phase 2 ESA are included in the proposal. If a Phase 1 ESA & Phase 2 ESA are needed, these will be considered additional work which will be provided and billed at the agreed-upon contract rates.

**BID FORM**

Company Name: Atlas Technical Consultants LLC

Bidder's Name: Todd I. Long, PE, PTOE

Date: 3.26.2024

Bid Lump Sum Amount \$ 207,585

Anticipated Completion Time: 10 months from NTP

Please see our letter for additional services pricing requested in Jorge Gomez's email of February 29, 2024.

Please sign below and return to [apenick@hallcounty.org](mailto:apenick@hallcounty.org).

**IN WITNESS WHEREOF**, said Parties have hereunto affixed their signature and seal on the day, month, and year first above written:

Atlas Technical Consultants, LLC **HALL COUNTY, GEORGIA**

(Contractor's Full Legal Corporate Name)

By: 

Title: Southern States Hub Leader

Print Name: Todd I Long, PE, PTOE

Attestment: 

By: \_\_\_\_\_

Richard Higgins, Chairman  
Hall County Board of Commissioners

Attestment: \_\_\_\_\_

Board of Commissioners Clerk

**APPROVED AS TO FORM:**

\_\_\_\_\_  
County Attorney

**Hall COUNTY**  
**SR 365/ US 23 at Cagle Road Intersection**  
**Intersection Improvements**

**Estimated Project Costs**

26-Mar-24

**ATLAS TECHNICAL CONSULTANTS**

<b>1. Direct Labor (Specify)</b>				
<b>Personnel</b>	<b>Est Hours</b>	<b>Rate/Hr</b>	<b>Est. Cost (\$)</b>	<b>Totals</b>
<b>CONCEPT</b>				
Principal in Charge	1	\$200.00	\$200.00	
Project Manager	14	\$175.00	\$2,450.00	
QAQC Senior Review Engineer – PE	1	\$175.00	\$175.00	
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE	12	\$120.00	\$1,440.00	
Senior Roadway Design Engineer – PE	14	\$160.00	\$2,240.00	
Roadway Design Engineer	96	\$100.00	\$9,600.00	
Design Technician / CAD Operator	84	\$70.00	\$5,880.00	
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE	16	\$150.00	\$2,400.00	
Landfill Engineer		\$125.00		
Office Engineer	10	\$100.00	\$1,000.00	
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>248</b>			<b>\$25,385.00</b>
<b>DATABASE</b>				
Principal in Charge		\$200.00		
Project Manager		\$175.00		
QAQC Senior Review Engineer – PE	1	\$175.00	\$175.00	
Survey Department Head – RLS	8	\$150.00	\$1,200.00	
Registered Land Surveyor	47	\$100.00	\$4,700.00	
2-Man Survey Crew	190	\$110.00	\$20,900.00	
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer		\$100.00		
Design Technician / CAD Operator	100	\$70.00	\$7,000.00	
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer	9	\$100.00	\$900.00	
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>355</b>			<b>\$34,875.00</b>





Senior Traffic Engineer / Signal Engineer – PE	7	\$150.00	\$1,050.00	
Traffic Signal Design Engineer – EIT	14	\$100.00	\$1,400.00	
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer	10	\$100.00	\$1,000.00	
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>439</b>			<b>\$45,570.00</b>
<b>BID &amp; CONSTRUCTION SERVICES</b>				
Principal in Charge		\$200.00		
Project Manager		\$175.00		
QAQC Senior Review Engineer – PE		\$175.00		
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE	116	\$160.00	\$18,560.00	
Roadway Design Engineer	40	\$100.00	\$4,000.00	
Design Technician / CAD Operator	24	\$70.00	\$1,680.00	
Senior Structural Designer – PE	16	\$160.00	\$2,560.00	
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT	20	\$100.00	\$2,000.00	
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer		\$100.00		
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>216</b>			<b>\$28,800.00</b>
<b>Total Direct Labor</b>				<b>\$201,985.00</b>
<b>2. Other Direct Costs (Specify)</b>				
Plotting/Reproduction				\$1,000.00
Travel/Mileage (Survey & SUE)				\$2,400.00
Coring				\$1,200.00
Laboratory				\$1,000.00
<b>Total Other Direct Costs</b>				<b>\$5,600.00</b>
<b>3. Maximum Amount of Contract Proposal (1) + (2)</b>				<b>\$207,585.00</b>





Hall COUNTY  
 SR 365/ US 23 at Cagle Road Intersection  
 Intersection Improvements

MAN-HOUR ESTIMATE																											
Task Description	Principal-in-Charge	Project Manager	QA/QC Senior REVIEW Engineer - PE	Survey Department Head – RLS	Registered Land Surveyor	2-Man Survey Crew	Site / Hydro / Stormwater Engineer – PE	Senior Roadway Design Engineer – PE	Roadway Design Engineer	Design Technician / CAD Operator	Senior Structural Designer – PE	Structural Designer	Senior Traffic Engineer / Signal Engineer – PE	Traffic Signal Design Engineer – EIT	Environmental Manager	Environmental Scientist (Ecologist, Historian, Archaeologist)	Geologist (landfill, groundwater)	Senior Geotechnical Engineer – PE	Landfill Engineer	Office Engineer	Public Information Coordinator	Secretary / Administrative Assistant					
Quality Assurance Review								24					2														
Final Field Plan Review								8	8				4														
Address Review Comments								4	24	16			1	2													
<b>Bid Documents &amp; Bidding</b>																											
Preparation of Bid Documents									80																		
Bid Review and Recommendations									16																		
<b>TOTALS</b>		<b>8</b>						<b>60</b>	<b>244</b>	<b>96</b>			<b>7</b>	<b>14</b>						<b>10</b>							
<b>CONSTRUCTION ADMINISTRATION</b>																											
Project Site Visits Once a Month - Assume 6 Months Construction								30																			
Answer Design Questions during Construction								16						4													
Attend Construction meeting to Address Design Issues								24						4													
Revise Plans for Use-On Construction								8	16	24				4													
Prepare 7-day Erosion Control Inspection Letter								6																			
Review Field Chnages, Change Orders, Pay Application, RFI and Shop drawings								32	24		16			8													
<b>TOTALS</b>								<b>116</b>	<b>40</b>	<b>24</b>	<b>16</b>			<b>20</b>													
<b>GRAND TOTALS</b>	<b>1</b>	<b>55</b>	<b>2</b>	<b>8</b>	<b>47</b>	<b>190</b>	<b>12</b>	<b>278</b>	<b>658</b>	<b>504</b>	<b>16</b>		<b>19</b>	<b>68</b>				<b>16</b>		<b>34</b>							

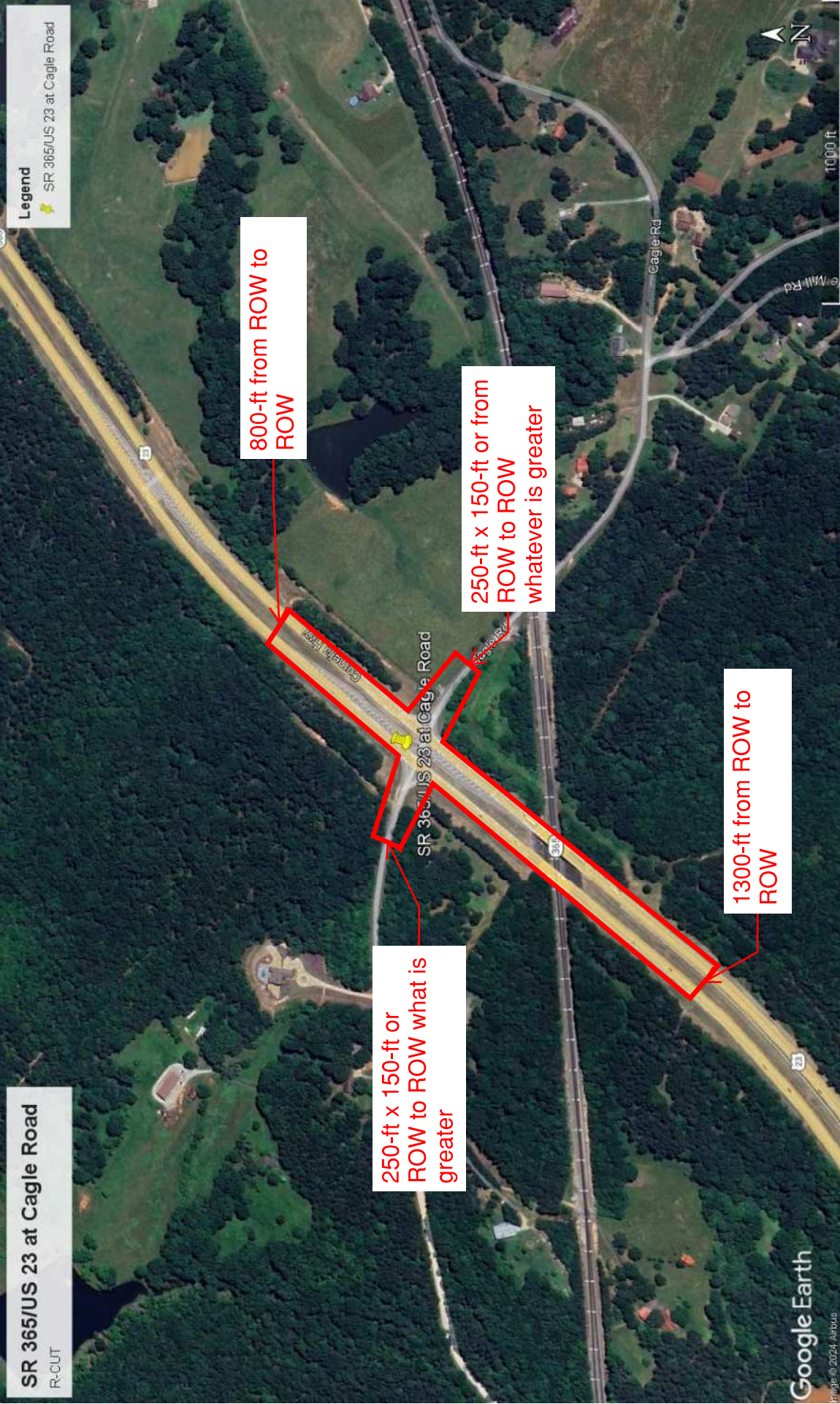


Exhibit A

# **Additional Services Fee Proposal**

**Hall COUNTY**  
**SR 365/ US 23 at Cagle Road Intersection**  
**Intersection Improvements**

**Traffic Studies & ICE Analysis**  
**Estimated Project Costs**

14-Mar-24

**ATLAS TECHNICAL CONSULTANTS**

<b>1. Direct Labor (Specify)</b>				
<b>Personnel</b>	<b>Est Hours</b>	<b>Rate/Hr</b>	<b>Est. Cost (\$)</b>	<b>Totals</b>
<b>CONCEPT</b>				
Principal in Charge		\$200.00		
Project Manager		\$175.00		
QAQC Senior Review Engineer – PE		\$175.00		
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer		\$100.00		
Design Technician / CAD Operator		\$70.00		
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE	24	\$150.00	\$3,600.00	
Traffic Signal Design Engineer – EIT	52	\$100.00	\$5,200.00	
Environmental Manager		\$125.00		
Environmental Scientist (Ecologist, Historian, Archaeologist)		\$100.00		
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer		\$100.00		
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>76</b>			<b>\$8,800.00</b>
<b>Total Direct Labor</b>				<b>\$8,800.00</b>
<b>2. Other Direct Costs (Specify)</b>				
Traffic Counts				\$1,600.00
<b>Total Other Direct Costs</b>				<b>\$1,600.00</b>
<b>3. Maximum Amount of Contract Proposal (1) + (2)</b>				<b>\$10,400.00</b>





**Hall COUNTY**  
**SR 365/ US 23 at Cagle Road Intersection**  
**Intersection Improvements**

**Environmental Screening**  
**Estimated Project Costs**

14-Mar-24

**ATLAS TECHNICAL CONSULTANTS**

<b>1. Direct Labor (Specify)</b>				
<b>Personnel</b>	<b>Est Hours</b>	<b>Rate/Hr</b>	<b>Est. Cost (\$)</b>	<b>Totals</b>
<b>CONCEPT</b>				
Principal in Charge		\$200.00		
Project Manager		\$175.00		
QAQC Senior Review Engineer – PE		\$175.00		
Survey Department Head – RLS		\$150.00		
Registered Land Surveyor		\$100.00		
2-Man Survey Crew		\$110.00		
Site / Hydro / Stormwater Engineer – PE		\$120.00		
Senior Roadway Design Engineer – PE		\$160.00		
Roadway Design Engineer		\$100.00		
Design Technician / CAD Operator		\$70.00		
Senior Structural Designer – PE		\$160.00		
Structural Designer		\$110.00		
Senior Traffic Engineer / Signal Engineer – PE		\$150.00		
Traffic Signal Design Engineer – EIT		\$100.00		
Environmental Manager	16	\$125.00	\$2,000.00	
Environmental Scientist (Ecologist, Historian, Archaeologist)	8	\$100.00	\$800.00	
Geologist (landfill, groundwater)		\$100.00		
Senior Geotechnical Engineer – PE		\$150.00		
Landfill Engineer		\$125.00		
Office Engineer		\$100.00		
Public Information Coordinator		\$75.00		
Secretary / Administrative Assistant		\$55.00		
<b>TOTAL</b>	<b>24</b>			<b>\$2,800.00</b>
<b>Total Direct Labor</b>				<b>\$2,800.00</b>
<b>2. Other Direct Costs (Specify)</b>				
Plotting/Reproduction				
Travel/Mileage				\$100.00
<b>Total Other Direct Costs</b>				<b>\$100.00</b>
<b>3. Maximum Amount of Contract Proposal (1) + (2)</b>				<b>\$2,900.00</b>

If it is determine that an environmental permit is require then the additional services will be provided & billed at the above applicable rates.

