



April 6, 2022

Mr. Wesley Corbitt
Chairman
Effingham County Board of Commissioners
601 N. Laurel Street
Springfield, GA 31329

Re: Supplemental Funding Request for Work under EFF008 Work Order # 06
Effingham Parkway, Effingham County, P.I. 0006700
Use on Construction plans for two roundabouts

Dear Chairman Corbitt-

Please consider this letter as Atlas Technical Consultants (Atlas) request for supplemental funding related to the Preliminary Engineering (PE) phase for the Effingham Parkway project in Effingham County under the EFF008 Work Order # 06. These costs will be considered as reimbursable under the existing Project Framework Agreement for PE costs between the Georgia Department of Transportation (GDOT) and Effingham County. This request is due to the additional work related to the addition of two roundabouts – one at Goshen Road and Effingham Parkway and other one at Gateway Connector Road and Effingham Parkway.

The work to be performed in the areas of roadway, survey, environmental, and lighting will be utilized in the preparation of Use On Construction (UOC) mainline plan changes so GDOT's contractor can build the Effingham Parkway to be consistent with these plan changes. Atlas will work with Effingham County and GDOT to handle these plan changes and the necessary documentation to obtain GDOT approval of plans.

The additional tasks are listed below with a brief explanation:


Additional work to prepare UOC Plans (\$398,270)

1. Roadway plan changes issued as UOC plans for the contractor: \$205,490
2. Additional Survey and updates: \$29,580
3. Environmental work for Archaeology, History, Ecology, and management of study updates: \$45,600
4. Right-of-way appraisal, negotiation, and closing documents for four parcels: \$40,000
5. Lighting at two roundabouts per GDOT requirements: \$50,000
6. Additional Project Management services for two roundabouts: \$27,600

Assumptions and/or Exclusions:

Atlas assumed the following for this fee estimate to prepare the UOC plans for Effingham County and GDOT:

- ✓ Peer review process for the roundabouts is expected to be handled by GDOT per the initial discussion with GDOT D5 and Effingham County.

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- ✓ Ecology work related to the updated Assessment of Effects (AOE) addendum covers any newly added species to be included in the report. No species surveys are anticipated to be required. AOE addendum will be prepared in GDOT's latest template to capture all the changes.
 - ✓ No delineations, delineation updates, or updating previous wetland/stream forms are required outside of the survey needed strictly for the roundabouts.
 - ✓ A full Ecology addendum is assumed for these roundabout additions and do not anticipate the need for a new EPD buffer variance.
 - ✓ Negative findings are expected for the new shovel tests related to archaeology.
 - ✓ No new additional resources for history are expected due to the roundabouts.
 - ✓ Anticipate preparing one set of documents including permit modification for both roundabouts going through GDOT with archaeology report being an ASR.
 - ✓ Preliminary title certificates, closing and final title certificates to be provided by Effingham County.

We have enjoyed working for Effingham County and look forward to the successful completion of these time sensitive Use on Construction Plans with the approval of this supplemental funding request in the amount of \$398,270. If there are any questions concerning this information, or if any additional information is needed, please do not hesitate to contact me at 678-728-9064 or on my cell at 404-931-3792.

Sincerely,



L. N. Manchi, P.E., PMP
Project Manager

cc: Tim Callanan, Effingham County Manager
Eric Larson, Effingham County Assistant County Manager

Effingham County
Effingham Pkwy / Goshen and Gateway Connector Roundabouts

**Detailed Description of
Estimated Project Costs**

Phase: POST
Phase No. N/A

6-Apr-22

Atlas Technical Consultants

1. Direct Labor (Specify)				
Personnel	Est Hours	Rate/Hr	Est. Cost (\$)	Totals
SURVEY UPDATE				
Project Manager	8	\$230.00	\$1,840.00	
Survey Proj. Manager (RLS)	8	\$150.00	\$1,200.00	
Survey Technician	48	\$85.00	\$4,080.00	
Survey Crew (2 Man)	174	\$120.00	\$20,880.00	
TOTAL	238			\$28,000.00
ROADWAY DESIGN				
Project Manager	102	\$230.00	\$23,460.00	
Highway Group Manager	78	\$230.00	\$17,940.00	
Sr. Roadway Engineer	702	\$125.00	\$87,750.00	
Roadway Engineer	870	\$100.00	\$87,000.00	
Roadway Technician / CAD	104	\$75.00	\$7,800.00	
Sr. Environmental Planner	40	\$135.00	\$5,400.00	
Environmental Planner	430	\$90.00	\$38,700.00	
TOTAL	2326			\$268,050.00
R/W PLANS				
Project Manager	10	\$230.00	\$2,300.00	
Highway Group Manager		\$230.00		
Sr. Roadway Engineer	8	\$125.00	\$1,000.00	
Roadway Engineer	40	\$100.00	\$4,000.00	
TOTAL	58			\$7,300.00
Total Direct Labor				\$303,350.00
2. Other Direct Costs (Specify)				
Plotting/Reproduction				
Travel/Mileage				\$2,130.00
Lodging/Meals				\$2,790.00
Lighting for two roundabouts - Wi Skies (sub-consultant)				\$50,000.00
Right-of-way services for four parcels				\$40,000.00
Total Other Direct Costs				\$94,920.00
3. Maximum Amount of Contract Proposal (1) + (2)				\$398,270.00

Effingham County
Effingham Pkwy / Goshen and Gateway Connector Roundabouts

6-Apr-22

MAN-HOUR ESTIMATE													
Task Description	ADMIN			ROADWAY				ENVIRONMENTAL			SURVEYING		
	Principal	Project Manager	Admin Assistant	Highway Group Mgr	Sr. Roadway Engineer	Roadway Engineer	Roadway Tech. / CAD	Sr. Env. Planner	Env. Planner	Env. Technician	Survey Proj. Manager	Survey Technician	Survey Crew (2 Man)
SURVEY UPDATE		8											
Field Surveys													90
Survey Data Reduction											4		
Update CAiCE DTM												24	
Update Microstation Topography Files												24	
R/W Staking													84
Property Resolution											4		
TOTALS		8									8	48	174
ROADWAY DESIGN													
Project Management													
Project Management / Administration		44		8									
Coordination Meetings (3)		12		6	6								
Coord. with Gateway Conn. Project		16		4	16								
Utility Coordination		4		4	36								
Road Design													
Fastest Path Analysis		4		4	80	16							
Typical Sections					4		16						
Geometric Design (Plan, Prof, Xsec)		6		24	200	400							

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Update Staging Plans					48	104							
Utility Plans (inc. conflict review)					32		32						
Drainage Design / Hydrology													
Roadway Drainage Design					120								
Drainage Profiles						120							
Erosion Control													
BMP Plan Update					32	80							
UOC Revision													
Plan Prep		4				16	40						
Quantities Req'd on Construction		8		4	16	48							
Revision Summary						6							
Plan Reviews													
Quality Assurance Review		2		12	32								
Address Comments (GDOT & Internal)		2		12	80	80	16						
ENVIRONMENTAL													
Archaeology									164				
History									16				
Ecology Field Survey									40				
Ecology AOE Addendum									198				
Air Update Memo									12				

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Environmental Management		24						40					
TOTALS		102		78	702	870	104	40	430				
R/W PLANS													
Plan Development													
R/W Plan Revision (1 large parcel)		8				40							
Quality Assurance Review		2		4	8								
TOTALS		10		4	8	40							
GRAND TOTALS		120		82	710	910	104	40	430		8	48	174