



June 10, 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 the roundabout at Effingham Parkway/Blue Jay Road

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. This request is due to the additional work related to the addition of a roundabout at Blue Jay Road and Effingham Parkway.

The work to be performed in the areas of roadway, 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 tasks are listed below with a brief explanation:

Additional work to prepare UOC Plans (\$233,525)

1. Roadway plan changes issued as UOC plans for the contractor and property owners outreach: \$142,485
2. Environmental work related to verification of field resources and documentation for Archaeology, History, and Ecology and property owners outreach, including post cards mailing: \$31,960
3. Traffic signing and marking plans as well as quantities: \$8,000
4. Lighting at the roundabout per GDOT requirements: \$25,000
5. Additional survey, if required during plan preparation: \$9,980
6. Additional Project Management services for the roundabout: \$16,100

Assumptions and/or Exclusions:

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

- ✓ Ecology work related to the updated Assessment of Effects (AOE) addendum covers any newly added species to be included in the report.

- ✓ No delineations, delineation updates, or updating previous wetland/stream forms are required outside of the survey needed strictly for this roundabout.
- ✓ No new EPD buffer variance would be required.
- ✓ 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 this roundabout going through US Army Corps of Engineers.
- ✓ No additional right-of-way is expected to be required and hence no new ROW negotiations based on the concept provided by Effingham County and prepared by Pond.
- ✓ Survey funds will only be expended if it was determined that there's enough coverage as the roundabout preliminary design is being developed with the driveway realignment based on Pond's concept provided by Effingham County.

We have enjoyed working for Effingham County and look forward to the successful completion of this time sensitive Use on Construction Plans with the approval of this supplemental funding request in the amount of \$233,525. If there are any questions concerning this information, or if any additional information is needed, please do not hesitate to contact me 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
Alison Bruton, Effingham County Purchasing Agent

Effingham County
Effingham Pkwy / Blue Jay Road Roundabout

**Detailed Description of
Estimated Project Costs**

Phase: UOC
Phase No. N/A

10-Jun-22

Atlas Technical Consultants

1. Direct Labor (Specify)				
Personnel	Est Hours	Rate/Hr	Est. Cost (\$)	Totals
SURVEY UPDATE				
Project Manager	4	\$230.00	\$920.00	
Survey Proj. Manager (RLS)	4	\$150.00	\$600.00	
Survey Technician	16	\$85.00	\$1,360.00	
Survey Crew (2 Man)	56	\$120.00	\$6,720.00	
TOTAL	80			\$9,600.00
Roadway Plans, S&M, Environmental				
Project Manager	50	\$230.00	\$11,500.00	
Highway Group Manager	83	\$230.00	\$19,090.00	
Sr. Roadway Engineer	385	\$125.00	\$48,125.00	
Roadway Engineer	631	\$100.00	\$63,100.00	
Roadway Technician / CAD	72	\$75.00	\$5,400.00	
Traffic Group Lead	8	\$175.00	\$1,400.00	
Sr. Traffic Engineer	20	\$130.00	\$2,600.00	
Traffic Engineer	40	\$100.00	\$4,000.00	
Sr. Environmental Planner	20	\$145.00	\$2,900.00	
Environmental Planner	142	\$90.00	\$12,780.00	
TOTAL	1451			\$170,895.00
Property Owners Outreach				
Project Manager	16	\$230.00	\$3,680.00	
Highway Group Manager	14	\$230.00	\$3,220.00	
Sr. Roadway Engineer	22	\$125.00	\$2,750.00	
Roadway Engineer	8	\$100.00	\$800.00	
Sr. Environmental Planner	24	\$145.00	\$3,480.00	
Environmental Planner	80	\$90.00	\$7,200.00	
TOTAL	164			\$21,130.00
Total Direct Labor				\$201,625.00
2. Other Direct Costs (Specify)				
Plotting/Reproduction				
Travel/Mileage				\$1,500.00
Lodging/Meals				\$1,400.00
Lighting for roundabout - Wi Skies (sub-consultant)				\$25,000.00
Post card mailing EDDM				\$4,000.00
Total Other Direct Costs				\$31,900.00
3. Maximum Amount of Contract Proposal (1) + (2)				\$233,525.00

Effingham County
Effingham Pkwy / Blue Jay Road Roundabout

10-Jun-22

MAN-HOUR ESTIMATE																
Task Description	ADMIN			ROADWAY				TRAFFIC			ENVIRONMENTAL			SURVEYING		
	Principal	Project Manager	Admin Assistant	Highway Group Mgr	Sr. Roadway Engineer	Roadway Engineer	Roadway Tech. / CAD	Traffic Group Manager	Sr. Traffic Engineer	Traffic Engineer	Sr. Env. Planner	Env. Planner	Env. Technician	Survey Proj. Manager	Survey Technician	Survey Crew (2 Man)
BMP Plan Update					16	60										
UOC Revision																
Plan Prep		2		4		16	40	8	20	40						
Quantities Req'd on Construction		2		4	8	32										
Revision Summary						3										
Plan Reviews																
Quality Assurance Review		4		8	16											
Address Comments (GDOT & Internal)		4		8	40	40	8									
ENVIRONMENTAL																
Archaeology												40				
History												12				
Ecology Field Survey												20				
Ecology AOE Addendum												64				
Air Update Memo												6				
Environmental Management		12									20					
TOTALS		50		83	385	631	72	8	20	40	20	142				
Property Owners Outreach																
Roundabout changes																
Preparation, coordination, & mailing of post cards		4		2	2	8					4	48				
Prepare for and attend property owners meeting		12		12	20						20	32				
TOTALS		16		14	22	8					24	80				