



February 19, 2024
(Revised February 20, 2024)

Mr. Wesley Corbitt, Board Chairman
Effingham County Board of Commissioners
804 South Laurel Street
Springfield, Georgia 31329

RE: Professional Engineering Services to provide
Road Realignment Conceptual Plans, Design,
and Construction Management for
Courthouse Road in the City of Springfield,
Effingham County, Georgia
*Additional Services – Lighting Plan and
McCall Road Left Turn Lanes*
Project Number: 22164-2051

Dear Mr. Corbitt:

Thank you for giving Alliance Consulting Engineers, Inc. the opportunity to provide this proposal for Additional Professional Engineering Services for Courthouse Road Realignment Project in Effingham County to include a Lighting Plan for the proposed Roundabout at the intersection of Courthouse Road, McCall Road, and Dasher Drive, and left-turn lanes on McCall Road onto GA Highway 21, as depicted on the enclosed Conceptual Plan dated February 16, 2024 prepared by Alliance Consulting Engineers, Inc. It is Alliance Consulting Engineers, Inc.'s understanding that Georgia Department of Transportation (GDOT) intends to install a Traffic Signal at the intersection of McCall Road and GA Highway 21. Alliance Consulting Engineers, Inc. will coordinate the location of Traffic Signal poles/masts with GDOT, and GDOT will coordinate the Traffic Signal Design to provide as part of the bid package. Effingham County would like for Alliance Consulting Engineers, Inc. to provide Professional Engineering Services for design of the left-turn lanes on McCall Road onto GA Highway 21.

Alliance Consulting Engineers, Inc. is currently assisting Effingham County with the Courthouse Road Realignment Project. The Conceptual Plan and Preliminary Engineering Services, including Surveying, Wetlands Delineation, Geotechnical Subsurface Exploration, and Traffic Impact Study (TIS) Report have been completed, and the Preliminary Design is currently in process to be completed in February 2024. Given its current experience on the Courthouse Road Realignment Project and the close proximity of the McCall Road Left-Turn

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Alliance Consulting Engineers, Inc.

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Lanes, Alliance Consulting Engineers, Inc. is uniquely positioned to assist Effingham County with these Professional Engineering Services.

The following Scope of Services does not include Additional Wetlands Delineation or Geotechnical Subsurface Exploration. Alliance Consulting Engineers, Inc. can provide those Services in a separate proposal if requested by Effingham County.

The proposed Professional Engineering Services for the project are outlined in the following Scope of Services.

I. SCOPE OF SERVICES

1. Courthouse Road Roundabout – Lighting Plan

Alliance Consulting Engineers, Inc. will coordinate the Lighting Plan with the local Electrical Service Provider and Effingham County on the location of light poles at the proposed Roundabout at the Courthouse Road, McCall Road, and Dasher Drive intersection.

2. Topographic and Existing Conditions Survey

Alliance Consulting Engineers, Inc. will provide a Topographic and Existing Conditions Survey of McCall Road and the intersection at GA Highway 21 sufficient to design the new Left-Turn Lanes. The Existing Conditions will include Private Underground Utility Locates within the project boundaries.

3. Preliminary Design

Upon Effingham County's approval of the enclosed Conceptual Plan, Alliance Consulting Engineers, Inc. will conduct up to one (1) site visit for review of existing project conditions and provide preliminary design and cost opinion to Effingham County for review and comment prior to Final Engineering Design and Construction Drawings.

4. Final Engineering Design and Construction Drawings

Upon Effingham County's approval of the Preliminary Design, Alliance Consulting Engineers, Inc. will complete Final Engineering Design that includes a complete set of Construction Drawings to include a Site Plan (depicting Dimensions, Right-of-Way, and Property Lines), Grading Plan, Road Profiles and Cross-Sections, Utility Relocation Plans, and Sediment and Erosion Control Plans, along with Design Details and Technical Specifications. The Technical Specifications will be in the Construction Specifications Institute (CSI) format. Alliance Consulting Engineers, Inc. will prepare up to one (1) Construction Cost Opinion based on the quantities and materials included in the Final Design and Construction Drawings.

5. Permitting Services

Alliance Consulting Engineers, Inc. will identify and prepare necessary permits and applications to satisfy Local and State requirements for design and construction of the project. Required documents will be prepared and submitted to Effingham County for execution, with Effingham County paying the cost of permit applications.

6. Bidding and Award Services

Alliance Consulting Engineers, Inc. will prepare Bidding Documents, including plans and specifications necessary for contractor bidding of the project and assist in preparing a project advertisement and the distribution of Bid Documents. The Bid Documents will be prepared in CSI format. Alliance Consulting Engineers, Inc. will prepare addenda to respond to bidder questions, attend the Bid Opening Meeting, compare and certify Bids received, and recommend award of the project.

7. Construction Administration and Construction Observation Services

Alliance Consulting Engineers, Inc. will arrange and attend a Pre-Construction Meeting, review and maintain a log of Shop Submittals, respond to Requests for Information or Change Order items, maintain a Change Order log, and accept and respond to verbal communication from contractor and Effingham County for coordination. Alliance Consulting Engineers, Inc. will provide Weekly Site Observation Services, review and certify Pay Requests, and develop Punch Lists along with two (2) follow up visits, one (1) final inspection, and receive and review Closeout Documents. Alliance Consulting Engineers, Inc. anticipates construction taking four (4) to six (6) months to complete.

8. Project Close-Out and Record Drawings

Alliance Consulting Engineers, Inc. will prepare close-out documentation and Record Drawings for Effingham County’s use. Alliance Consulting Engineers, Inc. will prepare Record Drawings based on As-Built Surveys provided by the Contractor. One (1) paper copy and electronic files in AutoCad (.dwg) and PDF format will be provided.

II. COMPENSATION

Compensation for these services based on Alliance Consulting Engineers, Inc.’s understanding of the project will be:

1. Courthouse Road Roundabout – Lighting Plan	\$ 6,000
2. Topographic and Existing Conditions Survey	\$ 20,000
3. Preliminary Design	\$ 20,000
4. Final Engineering Design and Construction Drawings	\$ 30,000
5. Permitting Services	\$ 12,500
6. Bidding and Award Services	\$ 7,500
7. Construction Administration and Construction Observation Services	\$ 36,000
8. Project Closeout and Record Drawings	\$ 10,000

Expenses associated with Travel, Printing and Postage are included in the fees above. Costs associated with Permitting, Impact and Application fees will be the responsibility of Effingham County, but will be coordinated by Alliance Consulting Engineers, Inc. The total value of this Proposal shall not exceed \$142,000 without additional authorization and will be billed based upon the agreed upon Man Hour Rates in the current Indefinite Delivery Contract.

III. PROJECT SCHEDULE

Alliance Consulting Engineers, Inc. can begin the Additional Engineering Services within two (2) to three (3) weeks of receipt of an executed Notice to Proceed and coordinate with Effingham County an agreed upon schedule for the Project Scope based on timing needs estimated as follows. The Lighting Plan for the Courthouse Road Roundabout will take one (1) to two (2) months to complete depending upon the responsiveness of the local Electric Service Provider and will be completed within the provided timeline for that project.

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| • Topographic and Existing Conditions Survey | One (1) to Two (2) Months |
| • Preliminary Design | One (1) to Two (2) Months |
| • Final Engineering Design and Construction Drawings | One (1) to Two (2) Months |
| • Permitting Services | One (1) to Two (2) Months |
| • Bidding and Award Services | One (1) to Two (2) Months |
| • Construction Administration
and Construction Observation Services | Four (4) to Six (6) Months |
| • Project Closeout and Record Drawings | One (1) to Two (2) Months |

Alliance Consulting Engineers, Inc. appreciates the opportunity to submit this Proposal for Additional Engineering Services for the Courthouse Road Realignment Project for Effingham County. Should you have any questions or comments, please do not hesitate to contact us at (864) 284-1740.

Very truly yours,

ALLIANCE CONSULTING ENGINEERS, INC.



Adam R. Hogan, P.E., LEED Green Associate
Regional Manager

Approved By:

EFFINGHAM COUNTY BOARD
OF COMMISSIONERS

Wesley Corbitt
Board Chairman

Enclosure

cc: Mr. Tim Callanan, Effingham County w/ enclosure
Mr. Jonathan Hulme, P.E., Effingham County w/ enclosure
Ms. Alison Bruton, Effingham County w/ enclosure
Mr. Deepal S. Eliatamby, P.E., SCCED, Alliance Consulting Engineers, Inc.
Mr. Frank I. Turano, Alliance Consulting Engineers, Inc.