

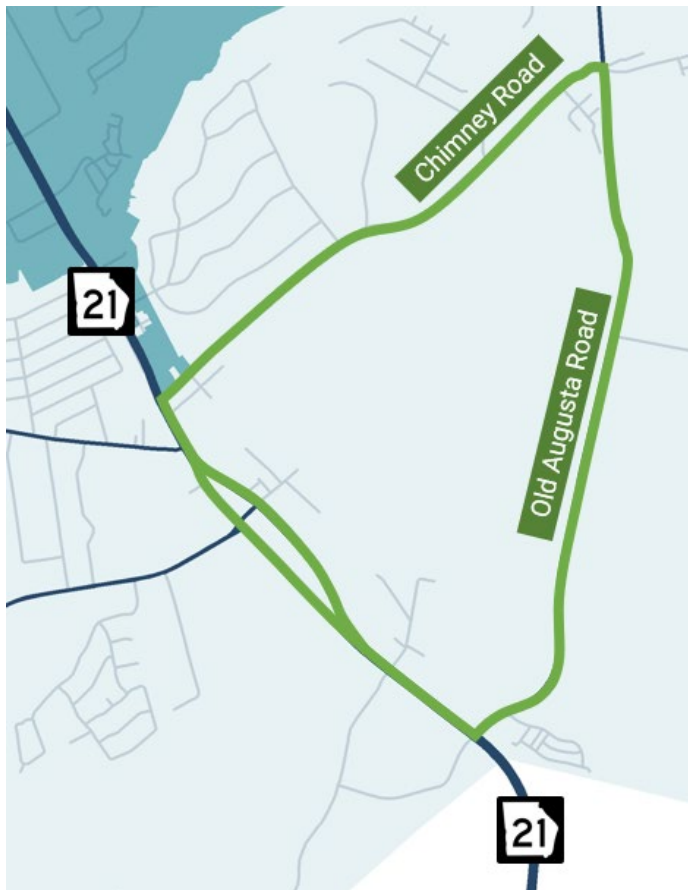
July 7, 2022

Mr. Eric W. Larson, PE, AICP, CFM, CPSWQ
Assistant County Manager
Effingham County Board of Commissioners
601 N. Laurel Street
Springfield, GA 31329

Re: **Effingham County – Professional Transportation Services Fee Proposal – Old Augusta Road Corridor Study**

Dear Mr. Larson:

Pond & Company (Pond) is pleased to submit this proposal for transportation engineering services for the above project. The paragraphs below describe the professional services and fees to accomplish this work.



Project Understanding

Old Augusta Road is a north-south roadway in southeastern Effingham County and is home to a number of sites that have substantial planned developments, with further sites available and anticipated to be developed in the future. As such, the County is pursuing a transportation study along the roadway from SR 21 to Chimney Road, with a focus on access management and long-term needs of the corridor. This study will serve as a more detailed study of the Old Augusta Road corridor, building off of the work that was completed as part of the Effingham County Transportation Master Plan. A proposed study area map is shown to the left and includes Old Augusta Road from SR 21 to Chimney Road, Chimney Road from Old Augusta Road to SR 21, and SR 21 between Old Augusta Road and Chimney Road.

Professional Services

Pond will provide all labor, materials, and equipment necessary to assist Effingham County in completing the tasks as described herein.

Phase 1: Kickoff and Coordination

Task 1.1, Coordination Meetings: To initiate the process, Pond will meet virtually with Effingham County to discuss the needs, expectations, and outcomes of the process. Throughout the process, Pond will continue to virtually meet with the County on a monthly basis to continually coordinate on project status, upcoming steps, and other concerns.

Task 1.2, Data Collection: Pond will prepare an understanding of existing data as related to the overall study area. This will include a review of existing data compiled for the Transportation Master Plan (TMP), and requests for relevant data from Effingham County. This task includes the collection of new turning movement counts at SR 21 at Chimney Road and at Old Augusta Road at Chimney Road. This proposal assumes that Effingham County will be able to provide information about the GIRP development including the site plan, and any DRI study or trip generation that has been completed. If additional trip generation analysis related to GIRP must be performed as part of this effort, additional fee may be needed.

Task 1.3, Developer Coordination: With the understanding that much of the planned development along the corridor is ongoing or upcoming, Pond will attend up to six (6) meetings virtually or over the phone with developers to understand their concerns and needs and help to find solutions through this study. Any additional meetings may be attended at the hourly rates agreed upon between Effingham County and Pond as part of the on-call contract.

Phase 2: Needs Analysis

Task 2.1, Existing Conditions: Pond will use existing data from the TMP and data collected in Task 1.2 and will perform a review of existing access and traffic conditions throughout the study area. Traffic analyses in this task and all other relevant tasks will be performed in Synchro using Highway Capacity Manual methodologies.

Task 2.2, Future Needs: Based on an understanding of upcoming developments in the area and historic traffic volume growth, Pond will forecast traffic conditions in two (2) future years and analyze traffic conditions in these years in up to three (3) different access control scenarios.

Phase 3: Recommendations

Task 3.1, Physical Improvements: Building on the analyses conducted in Phase 2, Pond will prepare a list of physical improvements throughout the study area. These improvement recommendations will include locations, descriptions, and planning-level cost estimates. Recommendations will be placed into a recommended implementation timeline with short-, mid-, and long-term improvements.

Task 3.2, Policy Recommendations: In addition to the physical improvements, Pond will perform a review of existing policies in place that affect the corridor and will make recommendations for future policies related to corridor access management, development access, and/or other relevant areas to help position the Old Augusta Road corridor to continue to be a viable and functional corridor into the future.

Phase 4: Conceptual Roundabout Design

Task 4.1, Base Mapping Setup: Pond will utilize available GIS information and aerial imagery to prepare concept design base mapping. This includes parcel data, roadway data, utility data, and contour information. This information will be overlaid on high-resolution aerial imagery.

Task 4.2, Concept Layout: Pond will prepare a concept layout to show the general improvement geometrics of a roundabout on Old Augusta Road approximately half a mile north of SR 21 on available GIS data and aerial imagery. The concept layout will indicate the proposed improvements and potential impacts, including estimated property/right-of-way, utilities, etc.

Task 4.3, Cost Estimate: Pond will prepare a concept-level cost estimate for the concept layout, including right-of-way/property costs.

Task 4.4, County Review: Pond will submit the concept layout to Effingham County for comment/approval. This task includes one (1) virtual or phone meeting with the county to discuss the plans. We will respond to one (1) round of comments and incorporate appropriate comments into the plans.

Professional Fees

Pond proposes to accomplish all phases and tasks included in this letter for a total Lump-Sum fee of \$70,000.

If this fee and scope is acceptable, Pond & Company is available to begin work immediately. If you have any questions or would like us to discuss/modify the scope, please contact myself or Andrew Babb, who will serve as the Project Manager. If you need any additional information, please feel free to contact me at (678) 336-7740.

Sincerely,

POND & COMPANY



Richard Fangmann, PE, PTOE
Vice-President

Cc:
Melissa Phillips, Client Liaison
Andrew Babb, PE, AICP

ACCEPTED BY (NAME): Wesley M. Corbitt, Chairman Effingham County Board of Commissioners

ACCEPTED BY (SIGNATURE): _____

DATE: _____

ATTEST:

Stephanie Johnson, County Clerk