



49 Park of Commerce Way, Suite 203 T: 912.228.3611
Savannah, Georgia 31405 www.pondco.com

February 8, 2022

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

Re: Effingham Parkway at Forest Haven Drive Access Analysis

Dear Mr. Larson,

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

PROJECT UNDERSTANDING:

Pond will examine the future intersection of Effingham Parkway and Forest Haven Drive/Squirrel Run and how its configuration may affect travel patterns on these roads and other adjacent parts of the roadway network. Pond will consider different types of intersection access and will estimate potential trip diversion from other routes to Forest Haven Drive. Pond will also identify potential improvements needed on Forest Haven Drive and provide planning-level cost estimates for each.

PROFESSIONAL SERVICES:

Pond will provide all labor, materials, and equipment necessary to complete the tasks as described herein.

Scope of Work

To support future analyses, Pond will conduct a series of traffic counts, which will include:

- 24-hour volume count on Forest Haven Drive or Squirrel Run near the future intersection with Effingham Parkway, and
- 6-hour turning movement count of Forest Haven Drive and Hodgeville Road.

Pond will also utilize turning movement and segment counts used in the TMP to support this effort.

Pond will consider two configurations for the intersection of Effingham Parkway and Forest Haven Drive/Squirrel Run. The first will be a full-access, traditional intersection. The other will include no access to/from the west (Forest Haven Drive), with access available only between Effingham Parkway and Squirrel Run to the east.

For each scenario, Pond will perform a traffic diversion analysis to understand what traffic volume may utilize Forest Haven Drive in the future. Based on these volumes, Pond will identify potential improvements needed to Forest Haven Drive, including the intersection with Hodgeville Road, to ensure it can support the projected traffic. Pond will provide planning-level cost estimates for these improvements so that the County can compare different alternatives. Analyses will be performed based on an anticipated Open Year (expected 2025) and a following Design year (anticipated 2045).

Deliverable: Effingham Parkway and Forest Haven Drive Alternatives Analysis Document

Schedule

Pond proposes completion of the analysis to provide draft documentation to Effingham County within two months following the receipt of NTP, assuming count data is received within four weeks of NTP.

Assumptions

Services or tasks not specifically outlined above are excluded and would be considered additional services. Services not included in the scope:

- Traffic analysis at intersections other than Hodgeville Road at Forest Haven Drive and Effingham Parkway at Forest Haven Drive/Squirrel Run.
- Detailed cost estimation of recommendations.

Effingham County will provide Pond with:

- Effingham Parkway traffic volume projections
- Information about pavement conditions on Forest Haven Drive

Professional Fee

Pond proposes to accomplish the above scope of services for a total lump-sum fee of \$10,850.

If this fee and scope is acceptable, Pond & Company is available to begin work immediately. If you would like us to discuss or 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: Andrew Babb, PE, AICP
Melissa Phillips

ACCEPTED BY: Richard Fangmann, PE, PTOE | Vice-President
Pond & Company

SIGNATURE: Richard Fangmann

DATE: February 8, 2022

ACCEPTED BY: _____
Effingham County Board of Commissioners

SIGNATURE: _____

DATE: _____

