

April 21, 2025

Lauren Shuman
County Engineer
804 S Laurel Street
Springfield, GA 31329

Dear Lauren:

Moffatt & Nichol (M&N) is pleased to submit this proposal to Effingham County to provide professional services for the surveying, design and permitting for the Realignment of Rahn Station Road to Little McCall Road and Construct a Single Lane Roundabout along McCall Road.

M&N's experience with the County, understanding of their expectations and processes, combined with local staff who have designed numerous roundabouts makes our team a proven selection for successful delivery of this important project for Effingham County. Designed to practical considerations, not perfection, our team provides timely and cost-effective designs, mindful of the County's finite resources.

As IDC Project Manager, please consider this letter as confirmation that our team of M&N, TerraMark, and Accura can commit the necessary resources to meet the requirements specified in this RFP. This team was assembled based on a long history of successful performance in the past.

If you would like to discuss any specifics of this proposal please feel free to contact me directly at rosterloh@moffattnichol.com or (678) 525-1632.

Kindest Regards,

MOFFATT & NICHOL



Ron Osterloh, PE

Vice President

[illegible]

Proposed work plan

Experienced Local Team: The Moffatt & Nichol Team includes staff who are experienced with roundabout design and project delivery in Effingham County. The proposed Project Manager is Kevin Skinner PE alongside the Principal-In-Charge, Ron Osterloh PE. Lead Engineer is Ravi Vachhani PE, with support from Sarah Ugolik PE, David Logan EIT, Lalsi Khup and Amy Harper.

Expedite the schedule: Given the fact that the project is 100% locally funded and the roadways are local, not state routes, there are opportunities to streamline and accelerate the schedule. Our design team utilizes the understanding of GDOT design processes, but without the bureaucracy and red tape. This results in roundabout designs completed in months, not years.

As right-of-way acquisition will be the critical path for this project, Kevin will expedite and overlap tasks, where possible, to get an accurate and minimized right-of-way footprint defined. Concept validation will occur while survey is underway. Design plan development can continue while the County is reviewing this concept. Utility coordination can begin during concept validation, as well, to identify utilities and their locations, so the initial preliminary design can work to avoid these from the outset.

Experience results in foresight: We can't control the contractor's timeline, but with a quality design and awareness of potential construction risks, our team can provide plans that minimize risk for potential construction delays. This includes having our engineer walk the site and perform an on-site review of the survey. Having a dedicated utility coordinator like Sarah Ugolik, with an understanding of utility relocation will help ensure costly and time-consuming relocations are avoided wherever possible.

Plan Development: Moffatt & Nichol has reviewed the RFP documents, visited the site, and reviewed available GIS and USGS information. Once given NTP, our team will move to confirm the conceptual layout with the County. This includes the roundabout location and size, length of splitter islands, along with the extent of the new alignment of Rahn Station Road. The Moffatt & Nichol team will balance a range of interrelated factors such as cost, right of way impact, ease of staging, and schedule. While all means and methods of construction will not be dictated in the design, our team can present a practical staging process that minimizes temporary construction cost and time. There are numerous layouts for a single-lane roundabout that could be constructed, but our team will make sure the County is getting a design that meets their own needs and intents of the project. This concept validation step will ensure the design team and the County are on the same page for the roundabout. After approval, only the necessary survey will be obtained, keeping cost to a minimum.

Preliminary design will include preparing typical sections, construction layout, profiles, staging plans, cross sections, utility relocation, lighting (if needed), signing and marking plans, special grading and erosion control plans. Additional design will be performed at this stage including speed checks, fastest path, sight distance checks, superelevation, stormwater hydraulics, and gutter spread.

After review and confirmation of preliminary plans from the County, Right of Way Plans will be prepared. Required right of way and easements will be detailed in plan view and data tables, suitable for acquisition agents to purchase the property.

While right of way acquisition is underway, construction plans will be finalized, quantities tabulated, and permits acquired. The design team will finalize special provisions, bid schedule and construction documents in preparation for letting. The Moffatt & Nichol team will be a partner with the County through advertisement, bidding, and construction. Construction services are expected to include participation in preconstruction/kickoff meeting, reviewing pay requests, answering RFIs, site inspections, status meetings and project closeout/walkthrough.