

## Staff Report

**Subject:** Effingham Parkway and Blue Jay Road Intersection – Proposed changes

**Author:** Eric Larson, Asst. County Manager

**Department:** County Engineering

**Meeting Date:** June 21, 2022

**Item Description:** Approve a change order for engineering design of an alternative intersection design to the Effingham Parkway and Blue Jay Road intersection.

### Summary Recommendation:

The 2020 Transportation Master Plan did not originally include studying alternative intersections of Blue Jay Road and the Effingham Parkway. However, with the addition of the curve and intersection further east with Blue Jay Road and McCall Road, the performance of that new curve and intersection has raised questions in the design of the Blue Jay / Effingham Parkway intersection, which is designed very similarly. In April 2022, the County requested Pond Inc., the masterplan consultant, to perform a study to consider a roundabout option and model the impact to the road, its intersections with Blue Jay Road, and what improvements would be needed in design to mitigate the effects.

### Executive Summary/Background:

- The roundabout performs at a higher level of service.
- The new design can be accommodated with the existing right-of-way.
- A presentation was given to the Board of Commissioners on June 7, 2022.
- A proposal was requested from Atlas Technical Consultants for the design and coordination with GDOT during construction. The change order is \$233,525.00.

### Alternatives for Commission to Consider

- 1 – Approve a change order to Atlas Technical Consultants for \$ 233,525.00 to design an alternative intersection design for Blue Jay Road and Effingham Parkway.
- 2 – Take no action. Request additional information.
- 3 – Deny. Keep the intersection design as-is.

**Department Review:** County Engineer; County Attorney

**Funding Source:** TSPLOST.

**Attachments:**

1. Pond report.
2. Atlas Proposal.