



Legislation Details (With Text)

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Title:	Discussion Regarding Potential Roundabout at Ayers Road, Hayman Road, and Culbreath Road Intersection		
Sponsors:			
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Attachments:	1. Ayers-Hayman-Culbreath - Agenda Item 10776, 2. Outlined Intersection - Agenda Item 10776, 3. Figure 7-1 Improvement Diagram Ayers-Hayman-Culbreath - Agenda Item 10776, 4. Figure 2-2 Condition Diagram - Ayers-Hayman-Culbreath - Agenda Item 10776		

Date	Ver.	Action By	Action	Result
8/23/2022	1	Board of County Commissioners	adopted	Pass

TITLE

Discussion Regarding Potential Roundabout at Ayers Road, Hayman Road, and Culbreath Road Intersection

BRIEF OVERVIEW

Staff has been studying the intersection of Ayers Road/Hayman Road/Culbreath Road to determine what improvements would be appropriate for this intersection. Any improvements are compounded by a lack of right of way at the intersection to provide turn lanes for the various movements at the intersection.

Staff has analyzed the accidents, sight distance, and vehicular movements at the intersection. Based on the predominant movements of eastbound to southbound and northbound to westbound turning movements, it is staff's recommendation that the ultimate improvement at this intersection be the construction of a roundabout/traffic circle, but this will require right of way acquisition.

Roundabouts/traffic Circles have been shown to increase capacity at intersections. Therefore, Road Impact Fees may be able to be used for this project from District 3.

Staff would also recommend, as an interim improvement, enhanced signage and additional rumble strip as shown on the attached Figure 7-1 Improvement diagram.

Staff has included, as part of this agenda item, maps showing the existing conditions, right of way, and interim improvements.

Staff would recommend that the Board direct staff to move forward with preliminary design for a roundabout/traffic circle at the intersection of Ayers Road/Hayman Road/Culbreath Road and also to

investigate the feasibility of using Road Impact Fees for the design and right of way acquisition of this project.

FINANCIAL IMPACT

Funding for preliminary design is estimated at approximately \$5,000.00 and available in Account No. 1013-03211-5616306 (Constitutional Gas Tax Fund, Improvements-Roads & Bridges).

LEGAL NOTE

The Board has the authority to act upon this matter pursuant to Section 125, Florida Statutes.

RECOMMENDATION

It is recommended that the Board direct staff to move forward with preliminary design for a roundabout/traffic circle at the intersection of Ayers Road/Hayman Road/Culbreath Road and also to investigate the feasibility of using Transportation Impact Fees for the design and right of way acquisition of this project.