



Legislation Text

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DATE: April 20, 2017

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Paul Holzen, City Engineer/Director of Engineering
Jonathan Marston, Assistant Director of Engineering

SUBJECT:

Discussion about the Design of Improvements at the Intersection of Aspen Grove Drive and Seaboard Lane (4/27/2017 CIC)

Purpose

The purpose of this memo is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning the design of improvements at the intersection of Aspen Grove Drive and Seaboard Lane.

Background

The four-legged intersection of Aspen Grove Drive and Seaboard Lane currently operates under all-way stop control. The four (4) legs of this intersection are:

- North Leg - Seaboard Lane
- East Leg - Aspen Grove Drive
- South Leg - Parkside Aspen Grove Condominium Gated Entrance
- West Leg - Wyndchase Aspen Grove Apartments

During peak traffic periods, this intersection experiences significant delay and queuing along Aspen Grove Drive and Seaboard Lane. On September 8, 2015, the BOMA approved a professional services agreement (PSA) (COF Contract No. 2015-0196) with Barge Waggoner Sumner & Cannon, Inc. (BWSC) to design appropriate improvements at this intersection. The original intent was to analyze the effectiveness of signalization or the installation of a roundabout at this intersection. After further thought and discussion, it occurred that the simplest solution would be to align the dominant legs of Aspen Grove Drive and Seaboard Lane, while consolidating the other legs into a single access point, as seen in Exhibit A.

As BWSC began work, the City learned of an upcoming Congestion Mitigation and Air Quality (CMAQ) Improvement Program grant opportunity through the Tennessee Department of Transportation (TDOT). With the help of BWSC, the City submitted an application to TDOT for funding assistance to complete design and to construct these intersection improvements. In December 2016, the City was notified that its project was not

selected for funding.

Before the design team proceeds with the completion of design plans for this project, staff would like to present the preliminary design concept for discussion by the BOMA.

Financial Impact

There is no financial impact with this report. The design contract has already been approved by the BOMA.

Recommendation

Staff requests feedback from the BOMA regarding the preliminary design concept.