



Legislation Text

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DATE: January 18, 2018

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:

*Consideration of Resolution 2018-14, A Resolution Selecting the Design Concept for the SR96 West and Westhaven Boulevard / Old Charlotte Pike Intersection Project (02/13/18 and 3/13/18 WS)

Purpose

The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning Resolution 2018-14.

Background

As part of the Westhaven Development, the City has required the developer to make improvements to the intersection of SR-96W and Westhaven Boulevard/Old Charlotte Pike. These improvements are identified in the City's Comprehensive Transportation Network Plan (e.g. Multimodal Major Thoroughfare Plan) and would qualify for arterial and collector road impact fee offset. The project includes the installation of a new traffic signal and an additional left turn lane on Westhaven Boulevard. Below is a summary of options.

Option A - Remove the median on Westhaven Blvd to install a left turn lane.

Option B - Keep the median on Westhaven Blvd. and realign Old Charlotte Pike to include a 4-foot minimum shoulder and dedicated left turn lanes.

Option C - Keep the median on Westhaven Blvd. and realign Old Charlotte Pike to include curb and gutter per city standards and a dedicated left turn lanes.

Option D - Completes the intersection on the south side of SR96 West and will accommodate the future phasing of the intersection when SR96W and Old Charlotte Pike are improved.

Financial Impact

The project will be paid out of both Arterial and Collector Impact Fees generated by the development. Below is a summary of the cost:

Option A - \$400,000

Option B - \$780,000

Option C - \$1,130,000

Option D - \$400,000

Recommendation

Staff recommends either option A, C and D. City staff has heard from numerous Westhaven residents who are against the removal of the existing median (e.g. Option A) on Westhaven Blvd. Looking at future development potential to the north and the impending construction of the Mack Hatcher Parkway Northwest Quadrant, staff favors Option D. This option will limit the financial investment needed at this time while accommodating future growth of the City.