



Town of Johnstown

TOWN COUNCIL AGENDA COMMUNICATIONS

AGENDA DATE: March 6, 2023

SUBJECT: Design contract with JWO Engineering for the design of Interim Improvements to the SH 60 and Colorado Blvd Intersection in the amount of \$431,435.00.

ACTION PROPOSED: Approval of the design contract with JWO Engineering for the design of Interim Improvements to the SH 60 and Colorado Blvd Intersection in the amount of \$431,435.0.

ATTACHMENTS:

1. Professional Services Contract
2. Site Map

PRESENTED BY: Troy White, Public Works Director

AGENDA ITEM DESCRIPTION:

Included and approved in the 2023 Fiscal Year Budget is funding to design interim improvements at the Colorado Blvd. and SH 60 intersection to include additional northbound and southbound left-turn lanes from Colorado Blvd to SH 60 and placement of traffic signals at their ultimate location. The project will improve safety and the flow of traffic at this intersection. The need for this project is a result of the recent growth taking place along the SH 60 corridor and the opening of the new High School on Colorado Blvd. south of SH 60.

During the scoping of the project with the design firm, it was discovered that this intersection is skewed. A skewed intersections occurs when streets intersect at angles other than 90 degrees and can create complicated scenarios for pedestrians, bicyclists and motorists. As a result of the skewed intersection, the scope of the project needs to increase to include design alternatives for Colorado Blvd. as it approaches SH 60 from both the north and the south. It is also important to note that CDOT requires intersections to have 1% or less skew. Skewed intersection greater than 1% must be evaluated for a variance approval by CDOT.

Understanding the ultimate approach alignment of Colorado Blvd. is key to ensuring the correct placement of the interim improvements and the traffic signal pole locations. Additionally,

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determining the proper approach of Colorado Blvd to the intersection will ensure future development improvements will be performed in a manner that will ensure a coordinated approach and will result in a properly designed intersection when fully built out.

The change in the design scope is causing a change to the design price. Staff is recommending to proceed with the interim improvements to the intersection of SH 60 and Colorado Blvd. based on the descriptions provided in the Financial Advice below.

LEGAL ADVICE:

Legal has reviewed and approved the contract.

FINANCIAL ADVICE:

The Town Council approved \$140,000.00 for the design of interim improvements to the intersection of SH 60 and Colorado Blvd. However, after further analysis of this intersection during project scoping, the design will need to include the north and southbound approaches of Colorado Blvd. to the intersection to address the skew in the roadway. Therefore, a budget amendment \$291,435.00 may be necessary to complete the interim design of the intersection.

RECOMMENDED ACTION: Approval of the design contract with JWO Engineering for the design of Interim Improvements to the SH 60 and Colorado Blvd Intersection in the amount of \$431,435.00.

SUGGESTED MOTIONS:

For Approval

I move to approve the design contract with JWO Engineering for the design of Interim Improvements to the SH 60 and Colorado Blvd Intersection in the amount of \$431,435.00.

For Denial

I move to deny the design contract with JWO Engineering for the design of Interim Improvements to the SH 60 and Colorado Blvd Intersection in the amount of \$431,435.00.

Reviewed and Approved for Presentation,



Town Manager