
City Council Regular Meeting

DEPARTMENT: Public Works

FROM: Eric Oscarson, Director of Public Works

MEETING: March 6, 2023

SUBJECT:

Consider approval of a resolution authorizing an advance funding agreement (AFA) with the Texas Department of Transportation for the Highway Safety Improvement Program grant in the amount of \$89,329. (*Staff Contact: Eric Oscarson, Director of Public Works*)

SUMMARY:

In 2020, a project was identified to implement an Intelligent Traffic System (ITS) across the traffic signals within the City. This new system would upgrade the hardware and software at all intersections to improve vehicular mobility. The initial project was identified to cost over \$3,000,000. In 2021, the city applied for a grant to assist with the implementation of ITS along the Alsbury Blvd corridor.

In May 2022, a GO Bond was passed by the citizens that included the implementation and funding for the ITS system. Later that year, staff was notified that it had been awarded the grant for the implementation of upgrades to all the traffic signals along the Alsbury Blvd. corridor. These upgrades will include new vehicle detection, cameras, traffic hardware and software.

The City applied for the Texas Department of Transportation Highway Safety Improvement Program (HSIP) on November 17th, 2021, for signal improvements along the stretch of Alsbury Blvd. from IH 35 to FM 731. The project was approved on August 4th, 2022. It qualified for G-Match funding removing the City's requirement to participate in 10% of the construction costs.

The grants requirements focus on distracted driving, intersection safety, older road users and pedestrian safety. These improvements include new traffic signal controllers, traffic signal communications, and new vehicle detection to help address the grants requirements. Project design milestone dates are: 60% submittal on 4/2/23, 90% on 6/16/23, 95% on 8/4/23, and 100% on 8/30/23. Construction should let in Jan. 2024, with material procurement lasting 2 months and construction lasting 4 months.

As part of the grant process, the city must pass a resolution and execute an advanced funding agreement to accept the grant. Once accepted, the city will be completing design of the improvements and anticipate beginning construction in December 2023. The City will be

responsible for a total of \$89,329 for design and associated administrative costs, and receive funding in the amount of \$743,590 for construction.

OPTIONS:

- 1) Approval of a resolution authorizing an advance funding agreement with the Texas Department of Transportation for the Highway Safety Improvement Program grant in the amount of \$89,329.
- 2) Deny a resolution authorizing an advance funding agreement with the Texas Department of Transportation for the Highway Safety Improvement Program grant in the amount of \$89,329.

RECOMMENDATION:

Staff recommends approval of a resolution authorizing an advance funding agreement with the Texas Department of Transportation for the Highway Safety Improvement Program grant in the amount of \$89,329.

FISCAL IMPACT:

Project Name: TR2301 – Traffic Signal Alsbury HSIP Grant

Full Account #s: 365-7500-439.72-98

Amount: \$89,329

STAFF CONTACT:

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