



City of San Antonio

Agenda Memorandum

File Number:

Agenda Item Number: 27

Agenda Date: October 14, 2021

In Control: City Council A Session

DEPARTMENT: Public Works Department

DEPARTMENT HEAD: Razi Hosseini

COUNCIL DISTRICTS IMPACTED: District 1, District 3, District 5, District 6, District 7, District 10

SUBJECT:

Advance Funding Agreement: Highway Safety Improvements Program (HSIP) Off System

SUMMARY:

An ordinance approving the execution of an Advance Funding Agreement between the City of San Antonio and the Texas Department of Transportation (TxDOT) authorizing payment in an amount not to exceed \$230,601.00 payable to TxDOT for construction related expenses and \$24,234.00 payable to TxDOT for administrative oversight of federal funds and accepting \$2,306,019.00 in Highway Safety Improvements Program (HSIP) infrastructure to include improvements of traffic signals at eight locations and the construction of a new intersection flashing beacon, an FY 2022 Traffic Signal Installation project, located in Council Districts 1, 3, 5, 6, 7, and 10. Funding is available from the General Fund and is included in the FY 2022 Adopted Budget.

BACKGROUND INFORMATION:

The Highway Safety Improvements Program (HSIP) aims to eliminate or reduce the number and severity of traffic crashes. The program is limited to a specific project and crash types identified

in the Texas Strategic Highway Safety Plan (SHSP). The HSIP included funds for construction and operational improvements of qualifying projects located off the state highway system. Federal dollars are used to fund the program and TxDOT will bid and construct the project. As part of this agreement, TxDOT requires the City to be responsible for 10% of the construction costs and TxDOT's direct costs for administrative oversight. The City will oversee the timely completion of the projects with no additional State or Federal funding and without decreasing the scope and/or terms of the projects' work.

- McCullough Avenue and Brooklyn Avenue-Cypress Street (Council District 1)
- Commercial Avenue and Harding Boulevard (City Council District 3)
- Castroville Road and Cupples Road-26th Street (Council District 5)
- Zarzamora Street and Culberson Avenue (Council District 5)
- Military Drive and Westfield Drive (Council District 6)
- Ingram Road and Oakhill Road (Council Districts 6 and 7)
- Nacogdoches Road and Astronaut Drive (Council District 10)
- New Braunfels Avenue and Claywell Drive-Eisenhower Road (Council District 10)

The improvements to these traffic signals include replacing the existing infrastructure with steel mast arms, upgrading the vehicle detection system, adding audible pedestrian signals, battery backup systems, traffic monitoring cameras, and illuminated street name signs. In addition, a new intersection flashing beacon was selected for construction at Gevers Street and Drexel Avenue in Council District 3.

Based on Public Works traffic studies and staff recommendations, eight currently signalized intersections were selected to be rebuilt or enhanced to meet the latest traffic signal standards during TxDOT's 2018 HSIP call for projects scheduled for construction later this year. The intersections are listed below with their corresponding council district(s).

ISSUE:

This ordinance approves the execution of an Advance Funding Agreement between the City of San Antonio and the Texas Department of Transportation (TxDOT) authorizing payment in an amount not to exceed \$230,601.00 payable to TxDOT for construction related expenses and \$24,234.00 payable to TxDOT for administrative oversight of federal funds and accepting \$2,306,019.00 in Highway Safety Improvements Program (HSIP) infrastructure to include improvements of the traffic signals at eight locations and the construction of a new intersection flashing beacon, an FY 2022 Traffic Signal Installation project, located in Council Districts 1, 3, 5, 6, 7, and 10.

- McCullough Avenue and Brooklyn Avenue-Cypress Street (Council District 1)
- Commercial Avenue and Harding Boulevard (City Council District 3)
- Castroville Road and Cupples Road-26th Street (Council District 5)
- Zarzamora Street and Culberson Avenue (Council District 5)
- Military Drive and Westfield Drive (Council District 6)
- Ingram Road and Oakhill Road (Council Districts 6 and 7)
- Nacogdoches Road and Astronaut Drive (Council District 10)

- New Braunfels Avenue and Claywell Drive-Eisenhauer Road (Council District 10)

In addition, a new intersection flashing beacon was selected for construction at Gevers Street and Drexel Avenue in Council District 3.

These projects have been selected for funding under TxDOT's 2018 HSIP, which provides federal funds to cover 90% of the construction costs while the local government is required to provide funding to cover the remaining 10% of construction costs and TxDOT's direct costs for administrative oversight as well as design and environmental studies. TxDOT will bid and construct the projects. Once reconstruction is completed, the City will continue to own, operate and maintain these traffic signals and intersection beacon.

The intersections where the existing traffic signals will be rebuilt are listed below with their corresponding council district(s).

ALTERNATIVES:

As an alternative, City Council could choose not to approve this Advance Funding Agreement and not accept these funds or TxDOT rebuilding these signals; however, the City would then be responsible for funding 100% of the construction costs to rebuild these traffic signals in a future project.

FISCAL IMPACT:

This ordinance authorizes a one-time capital improvement expenditure in an amount not to exceed \$230,601.00 payable to TxDOT for construction related expenses and \$24,234.00 payable to TxDOT for administrative oversight of federal funds and accepting \$2,306,019.00 in Highway Safety Improvements Program (HSIP) infrastructure to include improvements of traffic signals at eight locations and the construction of a new intersection flashing beacon. Funding is available from the General Fund and is included in the FY 2022 Adopted Budget.

RECOMMENDATION:

Staff recommends approval of this ordinance authorizing the execution of an Advance Funding Agreement between the City of San Antonio and the Texas Department of Transportation (TxDOT) for improvements to traffic signals at eight intersections and the construction of a new intersection flashing beacon located in Council Districts 1, 3, 5, 6, 7, and 10.