



City of San Antonio

Agenda Memorandum

File Number:

Agenda Item Number: 17

Agenda Date: June 6, 2024

In Control: City Council A Session

DEPARTMENT: Public Works Department

DEPARTMENT HEAD: Razi Hosseini

COUNCIL DISTRICTS IMPACTED: Citywide

SUBJECT:

Advance Funding Agreement: Highway Safety Improvement Program (HSIP) (FY 2024 Traffic Signal Installation - Traffic Signal Reflective Backplates Project)

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 \$18,143.00 payable to TxDOT for administrative oversight of federal funds and accepting \$1,503,436.00 in Highway Safety Improvements Program (HSIP) infrastructure to include improvements of traffic signals along ten corridors, an FY 2024 Traffic Signal Installation project, located Citywide. Funding is available from the General Fund and is included in the FY 2024 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 includes 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 TxDOT’s direct costs for administrative oversight. For these projects, the City is not required to pay construction costs within the proposed Budget. 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.

Based on Public Works traffic studies and staff recommendations, 106 currently signalized intersections were selected to replace their signal heads with new signal heads containing reflective backplates. The reflective backplates help make the signal heads more visible, especially at night and when the intersection has no power. The project is scheduled for construction in FY 2024. The corridors containing the signalized intersections and their corresponding council district(s) are listed below.

| Council District(s) | Corridor | Limits |
|----------------------------|------------------|--|
| 1 | Blanco Road | From Ashby Place to Rector Drive |
| 1, 5 | Zarzamora Street | From Poplar Street to Brady Boulevard |
| 1, 8, 9 | Wurzbach Road | From Gardendale Street to Elm Creek Road |
| 2 | Commerce Street | From Hoefgen Avenue to Coca Cola Place |
| 3, 5 | Flores Street | From Mitchell Street to Pyron Avenue |
| 4, 6 | Marbach Road | From Harness Lane to Pinn Road |
| 5, 6, 7 | Culebra Road | From NISD Athletic Complex to General McMullen Drive |
| 6 | Culebra Road | From Rogers Road to Grissom Road |
| 10 | Nacogdoches Road | From Cheever Boulevard to Hillpoint Drive |

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 \$ 18,143.00 payable to TxDOT for administrative oversight of federal funds. It also accepts \$1,503,436.00 in Highway Safety Improvements Program (HSIP) infrastructure, which will bring about significant changes at 106 traffic signals located along 10 corridors, a FY 2024 Traffic Signal Installation project.

The corridors containing the signalized intersections and their corresponding council district(s) are listed below.

| Council District(s) | Corridor | Limits |
|----------------------------|------------------|--|
| 1 | Blanco Road | From Ashby Place to Rector Drive |
| 1, 5 | Zarzamora Street | From Poplar Street to Brady Boulevard |
| 1, 8, 9 | Wurzbach Road | From Gardendale Street to Elm Creek Road |
| 2 | Commerce Street | From Hoefgen Avenue to Coca Cola Place |
| 3, 5 | Flores Street | From Mitchell Street to Pyron Avenue |
| 4, 6 | Marbach Road | From Harness Lane to Pinn Road |

| | | |
|---------|------------------|--|
| 5, 6, 7 | Culebra Road | From NISD Athletic Complex to General McMullen Drive |
| 6 | Culebra Road | From Rogers Road to Grissom Road |
| 10 | Nacogdoches Road | From Cheever Boulevard to Hillpoint Drive |

These projects have been selected for funding under TxDOT’s HSIP, which provides federal funds to cover 100% of the construction costs. The local government is required to provide funding to cover TxDOT’s direct costs for administrative oversight, 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.

ALTERNATIVES:

As an alternative, the 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 add these safety features to these traffic signals as future projects.

FISCAL IMPACT:

This ordinance authorizes a one-time capital improvement expenditure not to exceed \$18,143.00 payable to TxDOT for administrative oversight of federal funds and accepting \$1,503,436.00 in Highway Safety Improvements Program (HSIP) infrastructure improvements at 106 traffic signals located along 10 corridors, a FY 2024 Traffic Signal Installation project. Funding is available from the General Fund and is included in the FY 2024 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 several citywide intersections.