

Meeting Date (?) 09/27/2016

Subject Matter* (?) Advanced Funding Agreement with TXDOT for Highway Safety Improvement Program
This must match rolling agenda entry

Department of Origin* ENGINEERING DEVELOPMENT

Submitted By* W. Paul Kaspar

Type of Meeting* BCD Special Regular

Classification* Public Hearing Consent Statutory Regular

Ordinance* None First Read Second Read First & Only Read

Strategic Initiative* Public Safety Service
 Economic Development Infrastructure
 Quality of Life

Agenda Item Description* Consideration of a Resolution authorizing the City Manager to execute two (2) Advanced Funding Agreements (AFA) with the State of Texas (through the Texas Department of Transportation or TXDOT) for signalized intersection improvements at five (5) locations throughout the City of Bryan and resurfacing of Finfeather Road from Groesbeck Street to the City limits associated with the Highway Safety Improvement Program (HSIP) for which the City of Bryan was a recipient of funding. One agreement is for TXDOT maintained roadways (on-system) and the other for City maintained roadways (off-system). TXDOT covers 100% of the construction costs for the on-system roads and will fund 90% of the construction costs for the off-system roadways. The City has paid for the design of all the improvements for both cases totaling \$171,712 and will provide a 10% local match for the off-system construction costs. The City of Bryan's payment to TXDOT for the off-system improvements will be \$207,547.10 with \$115,025 being due after complete execution of the AFA and \$92,522.10 being due prior to construction beginning.

Summary Statement*

The Scope of the off-system AFA includes installing new traffic signals at the South College Avenue and Carson Street intersection and at the Finfeather Road and Carson Street / Turkey Creek Road intersection. Additionally, a mill and overlay of the asphalt pavement on Finfeather Road from Groesbeck Street to the city limits will include restriping of the roadway to convert it from four (4) lanes to (3) lanes with buffered bike lanes. The results of the reconfiguration of lanes on Finfeather Road will provide a bicycle connection from Texas A&M University campus to Downtown Bryan. This segment of road has base failures in many locations and in the City's next Street Maintenance contract these base failures will be repaired ahead of the TXDOT contract.

The total costs outlined in the AFA for the off-system HSIP Project are as follows:

S. College Avenue / Carson Street Signal Total Project Estimate - \$275,187.40
– Federal Participation - \$218,327.40
– State Costs - \$0
– City of Bryan Design - \$19,650
– City of Bryan 10% construction match – \$20,300
– City of Bryan 10% construction admin direct costs - \$3,958.60
– City of Bryan payment for all State Indirect Costs - \$12,951.40

Finfeather Road / Carson Street / Turkey Creek Road Signal Total Project Estimate - \$291,794
– Federal Participation - \$231,502.50
– State Costs - \$0
– City of Bryan Design - \$20,836
– City of Bryan 10% construction match – \$21,525
– City of Bryan 10% construction admin direct costs - \$4,197.50
– City of Bryan payment for all State Indirect Costs - \$13,733

Finfeather Road Total Project Estimate - \$959,358.6
– Federal Participation - \$757,620
– State Costs - \$0
– City of Bryan Design - \$70,857
– City of Bryan 10% construction match – \$73,200
– City of Bryan 10% construction admin direct costs - \$10,980.00
– City of Bryan payment for all State Indirect Costs - \$46,701.60

Total Off-System Project Estimate - \$1,526,340.00
– Federal Participation - \$1,207,449.90
– State Costs - \$0
– City of Bryan Design - \$111,343
– City of Bryan Construction Costs - \$207,547.10

The scope of the on-system AFA includes new traffic signals at Texas Avenue (BSH6) and East 29th Street, South College Avenue and Villa Maria Road (FM1179) and new flashing beacon at the SH21 and Marino Road intersection.

The total costs outlined in the AFA for the on-system HSIP Project are as follows:
Total On System Project Estimate - \$659,010
– Federal Participation - \$510,928.20
– State Costs - \$87,712.80
– City of Bryan Design - \$60,369

The total costs outlined in the AFAs for both on and off system HSIP Projects are as follows:
Total On & Off-System Project Estimate - \$2,185,350.00
– Federal Participation - \$1,718,378.10
– State Costs - \$87,712.80
– City of Bryan Design - \$171,712
– City of Bryan Construction Costs - \$207,547.10

The source for the local match will be from Transportation Fee Funds and is budgeted at \$205,000 in the current 5 year CIP in year 2017 (up from previous estimates of \$116,000).

Staff Analysis & Recommendation*

Staff recommends approving the Resolution authorizing the City Manager to execute two (2) Advanced Funding Agreements (AFA) with the State of Texas (through the Texas Department of Transportation or TXDOT) for signalized intersection improvements at five (5) locations throughout the City of Bryan and resurfacing of Finfeather Road from Groesbeck Street to the City limits associated with the Highway Safety Improvement Program (HSIP) for which the City of Bryan was a recipient of funding. One agreement is for TXDOT maintained roadways (on-system) and the other for City maintained roadways (off-system). TXDOT covers 100% of the construction costs for the on-system roads and will fund 90% of the construction costs for the off-system roadways. The City has paid for the design of all the improvements for both cases totaling \$171,712 and will provide a 10% local match for the off-system construction costs. The estimated total City of Bryan payment to TXDOT for the off-system improvements will be \$207,547.10 with \$115,025 being due after complete execution of the AFA and \$92,522.10 being due prior to construction beginning.

Options*

(In Suggested Order of Staff Preference)

1. Approve the proposed resolution authorizing the City Manager to execute the Advanced Funding Agreements.

2. Do not approve the resolution authorizing the City Manager to execute the Advanced Funding Agreements and provide direction to staff.

Funding Source*

Transportation Fee – Fund 240 - \$207,547.10

Attachments

TXDOT AFAs for HSIP.pdf

625.41KB

Please detail attachments and note attachments available for viewing in City Secretary's Office:

1. Resolution
2. Advanced Funding Agreement – Off System
3. Advanced Funding Agreement – On System

Note: Location maps are included at end of each AFA

Dept. Head Signature

JAYSON E. PALKWICHT 09/12/16

Deputy City Manager Signature

Hugh R. Walker

City Manager Signature



City Attorney Signature

Tanis K. Hampton