



City of Norman, OK

Municipal Building
Council Chambers
201 West Gray
Norman, OK 73069

Master

File Number: R-1617-45

File ID: R-1617-45

Type: Resolution

Status: Consent Item

Version: 1

Reference: Item 24

In Control: City Council

Department: Public Works
Department

Cost:

File Created: 11/02/2016

File Name: Pavement Markings - Resolution programming
STP-UZA Safety Funds for Pavement Markings

Final Action:

Title: RESOLUTION: R-1617-45: A RESOLUTION OF THE COUNCIL OF THE CITY OF NORMAN, OKLAHOMA, PROGRAMMING FEDERAL SURFACE TRANSPORTATION PROGRAM URBANIZED AREA (STP-UZA-SAFETY) FUNDS FOR PAVEMENT MARKINGS AT VARIOUS LOCATIONS THROUGHOUT THE CITY.

Notes: ACTION NEEDED: Motion to adopt or reject Resolution R-1617-45.

ACTION TAKEN: _____

Agenda Date: 11/08/2016

Agenda Number: 24

Attachments: Location map, R-1617-45, Preliminary Summary,
Summary Table

Project Manager: Angelo Lombardo, Transportation Engineer

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Effective Date:

History of Legislative File

| Ver- sion: | Acting Body: | Date: | Action: | Sent To: | Due Date: | Return Date: | Result: |
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Text of Legislative File R-1617-45

Body

BACKGROUND: The 2015 - Fixing America's Surface Transportation Act (FAST Act) federal transportation funding bill allocates approximately \$21 Million in Federal funds per year for the implementation of eligible transportation improvements in the Oklahoma City metropolitan area. Ten percent of this appropriation is used to fund safety projects at 100% of their construction cost.

Every year, the Association of Central Oklahoma Governments (ACOG) coordinates a regional evaluation process that identifies transportation improvements eligible for federal funding. Individual projects are rated and compared to one another using a pre-established criterion. The process ends with the formulation of the region's transportation improvement program and the decision to use federal funds to pay for a significant portion of the cost of the higher priority projects.

DISCUSSION: On December 16, 2016, staff will submit eighteen project applications, requesting \$30,886,895 in federal funds, for consideration in the formulation of ACOG's Three-Year Transportation Improvement Plan Update. One of the requirements for project consideration is that interested cities submit programming

resolutions for each individual project. In years past, Council has adopted resolutions for twelve of the fifteen projects. The three projects that need programming resolutions in order to be considered in the plan update are:

- Pavement Markings (Phase 6) - Pavement Markings at various locations throughout the City (100% Safety) (Resolution R-1617-45)
- Havenbrook Street over Brookhaven Creek Bridge Replacement (Resolution No. R-1617-46)
- 36th Avenue NW Traffic Signals and Interconnect @ Cascade Boulevard and Bart Conner Drive (Resolution No. R-1617-47)

Additionally, in an effort to begin advancing other significant projects included in the City's Comprehensive Transportation Plan and scheduled beyond federal fiscal year 2020, City Council also needs to adopt the following project programming resolutions:

- Tecumseh Road Intersection Improvements @ 24th Avenue NW and Flood Avenue (Resolution R-1617-48)
- James Garner Avenue, from Acres Street to Flood Avenue (Resolution R-1617-49)

The complete list of projects that will be submitted to ACOG includes the following:

Federal Fiscal Year 2018 - (Total Federal Funds Requested - \$10,153,635)

- Robinson Street widening and reconstruction, between Brookhaven Creek and Interstate 35

This project widens Robinson Street, west of Interstate 35 and relocates the intersection of North Interstate Drive approximately 200 feet east of its current location. Estimated Federal Funds - \$3,350,250

- 24th Avenue East (Phase 1), from north of Lindsey Street to south of Alameda Street (Bond Project)

The project widens 24th Avenue East, Lindsey Street and Robinson Street, from the current two-lane roadway to a four-lane roadway with curb and gutter, storm drainage collection system, sidewalks and bike lanes. Estimated Federal Funds - \$4,095,840

- Rock Creek Road, from Grandview Avenue to west of 36th Avenue NW

The project widens Rock Creek Road, between Grandview Avenue and west of 36th Avenue NW, adds a storm drainage collection system, sidewalks, bicycle lanes and a modern roundabout at the Grandview Avenue intersection. Estimated Federal Funds - \$1,990,000.

- Traffic Signal Upgrades (Pedestrian Controls) (100% Safety)

The project replaces pedestrian push buttons and signal heads at various traffic signal locations to comply with the requirements of the American with Disabilities Act. Estimated Federal Funds - \$517,545.

- Pavement markings along various federal functionally classified roadways throughout the City (Phase 6) (100% Safety)

The project provides center line, lane lines, stop bars, crosswalks, arrows and other markings on various roadways throughout the City. Estimated Federal Funds - \$200,000

Federal Fiscal Year 2019 - (Total Federal Funds Requested - \$10,308,460)

- 24th Avenue East (Phase 2), from north of Alameda Street to Robinson Street (Bond Project)

The project widens 24th Avenue East, between north of Alameda Street and north of Robinson Street, from the current two-lane roadway to a four-lane roadway with curb and gutter, storm drainage collection system,

sidewalks and bike lanes. Estimated Federal Funds - \$4,193,360.

- Roadway widening and new traffic signal at the intersection of 24th Avenue NW and Tee Drive

The project widens 24th Avenue NW to provide exclusive left turn lanes at the Tee Drive intersection and a new traffic signal. Estimated federal share - \$1,148,100

- Roadway widening and new traffic signal at the intersections of Rock Creek Road with 12th Avenue NW and Trailwoods Drive.

The project widens the intersections of Rock Creek Road with 12th Avenue NW and Trailwoods Drive to provide exclusive left turn lanes and provides new traffic signals and interconnection. Estimated federal share - \$2,500,000.

- Replacement of Bridge on Havenbrook Street over Brookhaven Creek

The project replaces the structurally deficient bridge that collapsed earlier in the year. Estimated federal share - \$800,000.

- Roadway widening and traffic signal modifications at the intersection of Tecumseh Road and 36th Avenue NW

The project widens the west leg of the intersection to add a second left turn lane for westbound traffic turning south onto 36th Avenue NW and modifies the traffic signal. Estimated federal share - \$400,000.

- Roadway widening and and new traffic signal at the intersection of 36th Avenue NW and Crail Drive

The project widens the north leg of the intersection to add a left turn lane for southbound traffic turning east onto the new commercial development and adds a traffic signal. Estimated federal share - \$500,000.

- Traffic Signal Upgrades (Emergency Vehicle Detection) (100% Safety)

The project replaces the antiquated infrared detection technology used by emergency vehicles with new Global Positioning System (GPS) technology. Estimated Federal Funds - \$567,000

- 12th Avenue NE fiber optic traffic signal interconnection upgrade (from Alameda Street to Robinson Street) (100% Safety)

The project replaces the existing interconnect copper wire with new fiber optic cable and adds the intersections of 12th Avenue NE at Morren Drive, Norman Public Schools Bus Barn and Main Street to the City's Centrac's Traffic Signal Management System. Estimated Federal Funds - \$200,000.

Federal Fiscal Year 2020 - (Total Federal Funds Requested - \$10,424,800)

- 36th Avenue NW (Phase 1), from north of Tecumseh Road to Franklin Road (Bond Project)

The project widens 36th Avenue NW, between north of Tecumseh Road and Franklin Road, from the current two / three -lane roadway to a four-lane roadway with curb and gutter, storm drainage collection system, sidewalks and bike lanes. Estimated Federal Funds - \$5,610,000

- Alameda Street, from Ridge Lake Boulevard to 48th Avenue East (Bond Project)

The project widens and reconstructs Alameda Street, between Ridge Lake Boulevard and 36th Avenue East as a four-lane Urban Arterial Roadway with dedicated left turn lanes at Ridge Lake Boulevard and 36th Avenue East, and reconstructs and adds paved shoulder to Alameda Street, between 36th Avenue East and 48th Avenue East, including dedicated left turn lanes at the 48th Avenue East intersection. Estimated Federal Funds

- \$3,484,800.

- New sidewalks along Classen Boulevard, between Shawnee Street and Enid Street (south side) and west of 12th Avenue SE (south side)

The project addresses two sidewalk gaps along Classen Boulevard. The first location is along the south side of the road between Shawnee Street and Enid Street. The second location is a 350-foot long segment of sidewalks along the south side of Classen Boulevard immediately west of 12th Avenue SE. Estimated Federal Funds - \$130,000

- New sidewalks on Flood Avenue, between Gray Street and Dakota Street (both sides)

The project addresses sidewalk gaps along both sides of Flood Avenue. Estimated Federal Funds - \$200,000

- New traffic signals at the intersections of 36th Avenue NW with Cascade Boulevard and Bart Connor Drive, and Interconnect of traffic signals between Robinson Street and Tecumseh Road

(100% Safety)

The project provides new traffic signals at the intersections of 36th Avenue NW with Cascade Boulevard and Bart Connor Drive. It also includes fiber optic interconnect between Robinson Street and Tecumseh Road which will allow the addition of the new traffic signals and the existing one at Rock Creek Road to the City's Centracs Traffic Signal Management System. Estimated Federal Funds - \$1,000,000.

Again, three of the projects in Federal Fiscal Years 2018-2020 list have not been programmed by the Oklahoma Department of Transportation. In order for this to happen and for these projects to be considered for funding, City Council needs to adopt the corresponding programming resolutions. In the resolutions, the City agrees to the terms and conditions of a federally funded project by stating its willingness to assume the responsibility for the preparation of engineering plans, the purchase of any additional right-of-way, the relocation of public utilities and funding of the 20% local share of the construction cost.

RECOMMENDATION: Staff recommends approval of Resolutions No. R-1617-45 thru 49 for various federally funded projects.