



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 8/13/2024

REQUESTER: Joseph Hill, Streets Program Manager

PRESENTER: Scott Sturtz, Interim Director of Public Works

ITEM TITLE: CONSIDERATION OF ACCEPTANCE, APPROVAL, REJECTION, AMENDMENT, AND/OR POSTPONEMENT OF CHANGE ORDER ONE TO CONTRACT K-2324-111 BY AND BETWEEN THE CITY OF NORMAN, OKLAHOMA, AND SILVER STAR CONSTRUCTION COMPANY, INC. IN THE AMOUNT OF \$54,694.57 FOR THE REPAIR OF AN INTERSECTION IN THE PINE CREEK ADDITION

BACKGROUND:

On Tuesday, April 6, 2021, Norman residents voted to approve the 2021-2026 Street Maintenance Bond Program which includes the issuance of \$27 million in bonds to fund the resurfacing, rehabilitation and reconstruction of neighborhood streets. The five categories of street maintenance include (1) Urban Asphalt Pavement Street Rehabilitation, (2) Urban Concrete Street Rehabilitation, (3) Urban Road Reconstruction, (4) Rural Road Rehabilitation, and (5) Preventive Maintenance. The FYE 2024 Asphalt Pavement locations are shown on the attached map.

The roadways included in this project are located in established residential neighborhoods, an urban neighborhood, and one roadway located in a rural area. The current roadways are constructed of asphalt pavement which is in poor condition. This project involves rehabilitation of the existing pavement including milling, deep patching, and overlaying with new asphalt. The project includes 3.1 miles of roadway.

The FYE 2024 Asphalt Pavement Project was advertised on December 14 and 21, 2023 and January 4, 2024. Six contractors attended a pre-bid conference on January 11, 2024. Five bids were submitted and opened on January 18, 2024 with Silver Star Construction having the lowest bid.

On Tuesday, February 13, 2024, City Council approved Contract K-2324-111 with Silver Star Construction in the amount of \$1,028,500 for the Street Maintenance Bond Program –Asphalt Pavement - FYE 2024 Locations Project.

DISCUSSION:

On January 4, 2024, Majano Utilities Construction (MUC) was installing fiber optic cable for Cox Communications in the Pine Creek Addition subdivision which was filed of record on July 17,

2023. The work required that crossings under the streets be done by boring instead of the open cut method.

MUC called in an OKIE ticket to have all underground utilities located. Subsequent to receiving the call OKIE ticket request, the City of Norman Line Maintenance Division (LMD) correctly marked the location of all water and sanitary sewer mains throughout the subdivision. Water mains were marked with blue paint and blue pin flags, while the sanitary sewer mains were marked with green paint and green pin flags. The area marked included the intersection of Yellowstone Drive and Explorer Trail and surrounding areas.

At approximately 6:30 pm on January 4, 2024, The Line Maintenance division received a call stating that a large amount of water was flowing through the intersection from below ground. The responsible party (MUC) had already left the site when the LMD showed up to repair the water main break. During the repair it was determined that the water main had been damaged by a boring machine bit.

The large amount of water flowing from the damaged water main caused the pavement subgrade of the intersection to become saturated. This saturated subgrade lost strength causing the intersection to settle as well as create voids beneath the asphalt. The intersection ponds water and will not drain causing further deterioration of the pavement and subgrade. The entire intersection needs to be removed and replaced with properly compacted aggregate base and new asphalt.

It is staff's opinion that MUC is financially responsible for the repairs. Staff requested a quote from Silver Star Construction for the repairs to the intersection. Attached are photos of the before and after condition of the intersection, the repair costs for the water main repair performed by LMD, and the estimate by Silver Star Construction to replace the intersection subgrade and pavement. The City's legal department is in the process of communicating with MUC regarding this claim.

Funds for the roadway repair exist in Citywide Asphalt Pavement Maintenance Project, Construction (Acct. 50595511-46101; Project SC0770).

RECOMMENDATION 1:

Staff recommends the approval of Change Order 1 to Contract K-2324-111 with Silver Star Construction Company, Inc. in the amount of \$54,694.57 for the repair of the intersection located in the Pine Creek Addition.