



CITY OF NORMAN, OK STAFF REPORT

MEETING DATE: 08/08/2023

REQUESTER: Nathan Madenwald, Utilities Engineer

PRESENTER: Nathan Madenwald, Utilities Engineer

ITEM TITLE: SUBMISSION AND ACKNOWLEDGEMENT OF RECEIPT OF OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY CONSTRUCTION PERMIT SL000014230137 FOR SEWER LINE CONSTRUCTION FOR THE LIFT STATION D FORCE MAIN REPLACEMENT PROJECT PHASE 2 (WW0091).

BACKGROUND:

The City of Norman wastewater collection has numerous sub-basins but is composed of two major sewersheds due to the ridge along the north side of the City with gravity flows to either the Canadian River or the Little River. Gravity flows for the Canadian River sewershed are conveyed by sewer interceptors to the Water Reclamation Facility (WRF). Flows from the Little River sewershed are conveyed by interceptors to Lift Station D which pumps flow into a pressurized sewer line (force main) and drains into adequately sized interceptors at Robinson Street and 12th Avenue NE which then flow south to the WRF.

The Lift Station D force main has experienced numerous breaks in the past. Contract K-0809-65, Phase I, replaced approximately 3,500 feet of the force main in 2009 along 12th Avenue NE between Rock Creek Road and Tecumseh Road. Following this replacement, additional breaks on the force main occurred between Rock Creek Road and the discharge point approximately 1/2 mile north of Robinson Street.

On October 11, 2016, the Norman Utilities Authority approved Contract K-1617-66 with Professional Engineering Consultants, P.A. (PEC) in the amount of \$55,800 for design of the force main replacement between Rock Creek Road and Robinson Street. The project was left at standstill for a period of time based on the property ownership status of the Sutton Wilderness area. However, after determining that this would not affect the project alignment, a preliminary alignment was developed along the west side of 12th Avenue NE. This alignment, after a more detailed review, is not constructible due to various utility conflicts. Staff and the engineer have evaluated the east side of the street and have determined that constructible corridor exists. On April 12, 2022, Amendment No. 1 to Contract K-1617-66 in the amount of \$17,000 was approved to redesign the force main to be on the east side of the street. Construction contract K-2223-63 was awarded to Southwest Water Works on May 23, 2023, in the amount of \$935,000 for completion of the work.

DISCUSSION:

As part of the project requirements and per State regulations, a construction permit from the Oklahoma Department of Environmental Quality (ODEQ) is required. The plans and specifications for the project were submitted to the ODEQ on February 17, 2023, and the plans and specifications were approved and

the permits were issued on March 21, 2023. As noted on the attached permit, the ODEQ requires the permit receipt to be made a matter of permanent record in the City Council's minutes.

RECOMMENDATION:

Staff recommends that the receipt of ODEQ Permit No. SL000014230137, dated March 21, 2023, be noted and made a matter of permanent record in the minutes for the City Council/Norman Utilities Authority.