



MEMORANDUM

To: Mayor and City Council

From: Jamie Brierton, Capital Programs Administrator
Kent Collins, P.E., Director of Public Works

Date: April 12, 2022

Reference: Royal Lane Reconstruction Design Award, TAX 2022 A

2040: Pillar 0: Sustainable City Government
Goal 3: Well-maintained City Infrastructure

General Information:

- Royal Lane was originally constructed in the early 1980's
- The pavement design at that time was intended to have a 20-year lifespan
- Engineering Services contract for design with Teague Nall and Perkins, Inc. for \$1,403,000.00.
- Teague Nall and Perkins is an approved engineering design service provider selected through qualifications-based selection process as required by State law
- The paving will be designed to accommodate heavy truck traffic and projected traffic volumes with a 30-year lifespan
- Estimated construction cost is \$17.9 Million

Introduction:

This agenda item is being presented for approval to enter into an engineering design contract with Teague Nall and Perkins, Inc. in the amount of \$1,403,000.00 for the reconstruction of the full length of Royal Lane from I-635 to Sandy Lake Road; funded from undesignated fund balance of the General Fund, then reimbursed in accordance with the approval of a Reimbursement Resolution of a proposed 2023 bond sale.

Analysis:

Through an analysis of the condition of all streets within the City of Coppell, Royal Lane was identified as in need of reconstruction. This street is deteriorating rapidly due to the heavy truck traffic, as well as the advanced age. A full asphalt overlay of Royal was implemented in 2017 to extend the life of the roadway until it could be rebuilt. A partial overlay will be completed this year to address localized settling. The preliminary construction cost estimate is \$17.9 million, and reconstruction is expected to begin in Fall of 2023. The construction is anticipated to last 15 to 18 months.

This item is presented to request approval to award a contract for engineering design services for 10,400 LF of paving and partial utility reconstruction. Teague Nall and Perkins is a qualified full-service engineering design firm and was selected through a qualifications-based process as required by State law. Prior to design, the existing storm drainage, sanitary sewer, and water systems will be surveyed and evaluated to determine if rehabilitation or reconstruction is required. In addition to new paving and sidewalk connections, landscaping, traffic improvements, and utility system repairs will be designed within the project limits.

Legal Review:

The City Attorney has reviewed the contract.

Fiscal Impact:

The fiscal impact of this Agenda item is \$1,403,000.00, funded from undesignated fund balance of the General Fund, then reimbursed in accordance with the approval of a Reimbursement Resolution of a proposed 2023 bond sale.

Recommendation:

The Public Works Department recommends approval of this item.