



MEMORANDUM

To: Mayor and City Council

From: Cole Baker, EIT, Graduate Engineer
Mike Garza, P.E., Director of Public Works

Date: July 9, 2024

Reference: Consider approval of awarding Bid #Q-0424-01 to Road Solutions, LLC; for the purchase and installation of a traffic signal at the intersection of North Freeport Parkway and Northwestern Drive, as provided for in bond funds, in the amount of \$583,871.65; and authorizing the City Manager to sign any necessary documents.

2040: Sustainable Government

Introduction:

The purpose of this agenda item is to consider approval of awarding a contract with Road Solutions, LLC, for the purchase and installation of a new traffic signal at the intersection of North Freeport Parkway and Northwestern Drive, in the amount of \$583,871.65, as provided for in bond funds.

Background:

North Freeport Parkway was constructed in 2016, and Northwestern Drive was constructed in 2017. In February 2019, PD-295-HC was approved for the Archway 121 development, the first phase of which is the QT fuel station located at this intersection. As part of the development review process, a Traffic Impact Analysis (TIA) was prepared. The recommendations of the TIA included the installation of a traffic signal at this intersection.

In 2022, the VariSpace Coppel office building was completed at this intersection, and two restaurants are currently preparing to begin construction in the Archway 121 development. Due to the recent and upcoming development in this area and the increased congestion at this intersection, it is appropriate to install this traffic signal at this time.

In January 2023, the City contracted with Kimley-Horn and Associates, Inc. to prepare the design for this traffic signal, and bids were opened in April 2024. The bid documents included an alternative bid option for the installation of stamped concrete for the proposed crosswalk across Freeport Parkway. The low bidder bid a price of \$47,670 for this alternative bid option. Staff does not recommend that the alternative bid be awarded due to the cost and the additional travel impacts related to the

construction of this alternative. Staff recommends award of the base bid, which includes standard crosswalk striping as shown on the attached exhibit.

In April 2024, four bids were received from contractors to complete this work, with base bids ranging from \$583,316.65 to \$816,990.72. The lowest bid was submitted by Road Solutions, LLC. Although the City has not utilized Road Solutions for any past projects, Kimley-Horn and City staff have spoken with references for similar projects in other municipalities, and City staff are comfortable with Road Solutions' qualifications.

While reviewing bids, the design engineer determined that one of the line items would require a greater quantity than originally planned, which resulted in an increase of \$555 for the low bid.

The construction is expected to take 90 days. There is currently a long lead time for traffic signal poles, and construction is anticipated to begin in early 2025 upon the arrival of the signal poles.

Benefit to the Community:

This project will provide benefit to the community by improving traffic operations at this intersection.

Legal Review:

The City Attorney has reviewed the contract.

Fiscal Impact:

The fiscal impact of this agenda item is \$583,871.65, as provided for in bond funds.

Recommendation:

The Public Works Department recommends approval of this contract.