



CITY COUNCIL CONSIDERATION ITEM

CITY OF FAIR OAKS RANCH, TEXAS

July 20, 2023

AGENDA TOPIC: Consideration and possible action approving a resolution authorizing the execution of a work authorization with Pape-Dawson Engineers, Inc. for engineering services for the Dietz Elkhorn (East) Reconstruction Project

DATE: July 20, 2023

DEPARTMENT: Public Works

PRESENTED BY: Grant Watanabe, P.E., Director of Public Works & Engineering Services

INTRODUCTION/BACKGROUND:

The City requires surveying and engineering services for the Dietz Elkhorn Road (East) Reconstruction project. The project will reconstruct Dietz Elkhorn Road, between FM3351 and Fair Oaks Parkway, while incorporating drainage improvements, adding potential transportation alternatives and pedestrian facilities, and considering context sensitive design options. The amended FY 2022-23 project budget includes \$300,915 to start design work for this project.

Among the four on-call consultants in the Roadway CIP category, staff recommends Pape-Dawson Engineers, Inc. as the highest and best qualified for the Dietz Elkhorn Reconstruction project. They provided design and construction administration services for the City's last road bond program in 2014 which included road resurfacing, reclamation and reconstruction, drainage improvements and water line replacement. As part of that effort, they provided exemplary public outreach support from start to finish via public meetings, City Council workshops and updates, HOA presentations, a dedicated website, social media, a phone hotline, door hangars and mobile signage. Since Dietz Elkhorn Road is the primary east-west connector through our city, a similar level of effort is expected to be needed.

In April 2023, City staff and the General Engineering Consultant (GEC) completed scope and fee negotiations for the first half of engineering services (schematic design) in the amount of \$291,525.00. This scope includes project management, field and Right-of-Way (ROW) surveying, roadway design, drainage and geotechnical analysis, and utility coordination. The consultant will support two public outreach meetings to solicit input on project elements (i.e. sidewalks, shared-use path, bike lane, golf cart accessory lane, median, landscaping, lighting, etc.) and different schematic design alternatives. The consultant will also prepare and support two updates to Council which will include summaries of input received from public outreach efforts.

Upon completion of negotiations, our GEC provided a recommendation letter to accept the consultant's revised proposal as fair and reasonable (see **Exhibit 1**). The draft work authorization and a copy of the consultant's proposal is also attached (see **Exhibit 2**).

In accordance with the City's Five-Year Roadway Capital Improvements Plan, the second half of engineering services for this project included in the FY 2023-24 Budget. Construction is planned for FY 2024-25 and FY 2025-26.

If approved, the following activities will be conducted to obtain public input and provide updates to City Council:

July/Aug 2023	Surveying, drone LIDAR, geotechnical analysis (in-road borings)
Aug 29 th	Public Meeting #1: Townhall meeting to obtain public input on potential roadway elements (sidewalk, shared-use path, bike or golf cart lane, landscaping, median, trees, etc.) to incorporate
Sept/Oct 2023	Council Update #1: Present summary of public input and prioritize elements
Feb/Mar 2024	Public Meeting #2: Obtain input on three potential typical sections and alignments based on prioritized elements
Apr/May 2024	Council Update #2: Present summary of public input and select typical section and alignment to be used for next design phase — development of full plans and specs).

POLICY ANALYSIS/BENEFIT(S) TO CITIZENS:

- Supports Priority 3.4 of the Strategic Action Plan to Enhance and Ensure Continuity of Reliable Roadway Improvement Initiatives
- Improves public safety by reconstructing the roadway, adding potential pedestrian and bicycle amenities, replacing signage and upgrading drainage features
- Complies with procurement requirements for professional services

LONGTERM FINANCIAL & BUDGETARY IMPACT:

The City originally budgeted \$245,915 for this project. A budget transfer was executed in May 2023 to move excess SAP funds from other drainage projects to this project. The current budget now stands at \$300,915 which is adequate to cover the cost of this work authorization.

RECOMMENDATION/PROPOSED MOTION:

I move to approve the resolution authorizing the execution of a work authorization with Pape-Dawson Engineers, Inc. for engineering services for the Dietz Elkhorn (East) Reconstruction Project for \$291,525.00, with a 10% contingency in the amount of \$29,152.50, for a total value not to exceed \$320,677.50.