CITY COUNCIL WORKSHOP
CITY OF FAIR OAKS RANCH, TEXAS

AGENDA TOPIC: FY 2023-24 Annual Street Maintenance Plan

DATE: February 15, 2024

DEPARTMENT: Public Works and Engineering Services

PRESENTED BY: Julio Colunga, Assistant Director of Public Works
Jeanne Tarrants, RSP2, Legacy Engineering Group (GEC)

INTRODUCTION/BACKGROUND:

The City of Fair Oaks Ranch maintains over 60 miles of public roadway infrastructure, with 78% of the existing network being over 30 years in age. In April 2021, the City Council approved a strategic, condition-based Pavement Preservation Plan with the goal of extending the overall life of the City's roadways. This plan included utilizing a combination of low-cost pavement preservation treatment techniques and automated pavement condition forecasting to ultimately slow the deterioration of roadways where economically feasible. Over the past two fiscal years, various treatments such as rejuvenation, fog seals, and slurry seals have been applied to various streets. During this workshop, staff will provide an update on the FY 2023-24 Annual Street Maintenance Plan scheduled to begin this summer.

Staff is currently utilizing a software called OpenGov (formerly Cartegraph) to establish, track, and forecast the condition of all existing roadway infrastructure. During this workshop, staff will demonstrate how this software is utilized to optimize the City's current annual maintenance budget by applying the right treatment, to the right streets, at the right time. Staff will also present the raised pavement marker (RPMs, or "buttons") plan which includes the streets being treated this year and in past years.

Although no action is requested as part of this workshop, staff seeks feedback to ensure that the current Pavement Preservation Plan is still in alignment with Council expectations.

POLICY ANALYSIS/BENEFIT(S) TO CITIZENS:

Supports Priority 3.4 Enhance and Ensure Continuity of Reliable Roadway Improvement Initiatives of the Strategic Action Plan

LONGTERM FINANCIAL & BUDGETARY IMPACT:

N/A