



FRUITA
COLORADO

AGENDA ITEM COVER SHEET

TO: FRUITA CITY COUNCIL AND MAYOR

FROM: KIMBERLY BULLEN, PUBLIC WORKS DIRECTOR

DATE: DECEMBER 5, 2023

AGENDA TEXT: PRESENTATION – Scot Gordon with Roadway Asset Services will provide the City Council with an overview of the Pavement Assessment Project

PURPOSE

To provide City Council with an overview of the Pavement Assessment Project, including the condition of our pavement and how we will use the data to assist in the development of a pavement management program using the Budget Optimization Street Selector (BOSS) system to run budgetary modeling scenarios, configure maintenance and rehabilitation strategies, configure customized pavement deterioration curves, optimize rehabilitation candidate selection using sound financial modeling constraints such as cost of deferral, develop logical projects, and show the true cost of deferred maintenance over time.

BACKGROUND

The City of Fruita entered into a contract with Roadway Asset Services (RAS) to conduct a field survey of the pavement conditions on all city roads following the ASTM Standard D6433 “Standard Practice for Roads and Parking Lots Pavement Condition Index (PCI) Surveys.” The PCI was conducted on approximately 99 test miles of paved roads in the city limits on each street segment and assets were extracted from both sides of the roadway.

The following information was provided to the city based on the assessment:

- Mobile data collection of roadway imagery and pavement distress.
- ASTM D6433 compliant pavement rating and assessment.
- Inventory of curb and gutter, traffic signs and supports, sidewalks, and curb ramps.
- Final PCI and distress data in a format compatible with work order system.
- Preferred treatment options and historical performance and develop appropriate decision trees for PCI levels based on experience with pavement performance and understanding critical conditions to apply appropriate treatments.

This agenda item is for informational purposes only. No action is necessary.