

2020 Street Bonds

21054A Carroll Lane

from Holly Road to Dead End

Project Fact Sheet



PROJECT DESCRIPTION:

Reconstruction of existing 2-lane roadway on both sides of the drainage right-of-way with new pavement, sidewalk repair, curb, and gutters, ADA-compliant curb ramps, signage, pavement markings, upgraded additional street illumination, and underground utility improvements to storm water, water, wastewater, and gas.

PROJECT FACTS

Project Consultant Architect: D. Scott Jones, P.E., Ardurra Group, Inc.

City Project Manager: Dazhi Sun, Ph.D., P.E.

Contractor: JE Construction Services, LLC

Construction Inspector: Brian Skinner

Anticipated Construction Start: July 2023

Anticipated Completion: July 2024

Total Project Value: \$5.5 M

Additional Notes/Details:

- Full reconstruction of the roadway using the existing layout with modified lane widths. The new travel lanes will be 11' wide and designed with a hot-mix asphalt concrete (HMAC) pavement section and a 6" standard curb and gutter
- Pedestrian improvements include 5' wide concrete sidewalks on the west side of Carroll West, the east side of Carroll East, and the north side of Carroll Middle, 1-way cycle tracks on both sides of Carroll Entrance and a 10' wide off-road multi-use trail from Carroll entrance, south to Carroll Middle, adjacent to Prosper Drive.
- The existing corrugated metal stormwater infrastructure will be removed and replaced with new and appropriately sized reinforced concrete pipe (RCP) infrastructure
- ACP waterline will be removed and replaced with C900 DR 18 PVC waterline
- VCP wastewater lines along Carroll West will be pipe burst with IPS DR19 HDPE, and VCP wastewater lines along Carroll East will be removed and replaced with SDR26 PVC
- The existing 4" City gas line on the east side of Carroll East will be extended south to the end of the project