

10 June 2020

To: Mayor and City Council members

Design underway for the paired two lanes bridge overpass over railroad tracks of Bailey Road, to give consistent four lane cross section west of SH 35/Main Street. Clay



Bailey Road Expansion (Veterans Dr to Main)

Scope: This project consists of widening the current two-lane roadway and railroad overpass segment between Veterans and Main (SH35) to a four-lane boulevard section to match the existing roadway cross-sections to the east and west. This 2019 Bond project will include the addition of a new above grade crossing over the railroad to achieve the desired ultimate width as required in the Thoroughfare Plan. The project will also include drainage improvements and the expansion of the current 6' wide sidewalk to a 10' wide shared-use path. These improvements will provide improved vehicular and pedestrian mobility in the east/west corridors by completing the four-lane boulevard from Main (SH35) to SH288 with adjacent shared-use path.



Justification: Bailey Rd is identified as a Major Thoroughfare and has been on the City's Thoroughfare plan for many years. This project will widen the final segment to the ultimate lane configuration as planned to match the existing cross sections of Bailey Rd. The project will improve traffic reliability along the corridor, and overall mobility throughout the City by completing the four-lane segment across the southern portion of the City.

Project Manager: Morgan R Early

Designer: Freese & Nichols, Inc.

Contractor: N/A

Budget Info:

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
Certificates of Obligation				-
General Obligation Bonds	TBS 2020	1,360,000		1,360,000
General Obligation Bonds			18,185,000	18,185,000
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources				-
Total Funding Sources		1,360,000	18,185,000	19,545,000

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	1,019,070	30,476	1,049,546
Construction		14,500,000	14,500,000
Construction Management/Inspection		400,000	400,000
Construction Materials Testing		150,000	150,000
FF&E			-
Total Expenditures	1,019,070	15,080,476	16,099,546

Project Balance/Contingency

3,445,454

Schedule Info:

	<i>Base Line</i>	<i>Current</i>
<i>Design Start</i>	Oct-19	Oct-19
<i>Bid Start</i>	June-21	
<i>Construction Start</i>	October-21	
<i>Proposed Construction Completion</i>	November-23	

Rain Days:

Background

The project was originally submitted to H-GAC in the 2018 Call for Projects but was not selected for TIP Funding. For that reason, it was added as a 2019 Bond Project. Staff selected Freese & Nichols for design services using the City's qualification-based selection process. Of note in the selection process was their prior work on phase 1 and their intimate knowledge of the area's complex drainage requirements. Council awarded the design contract for phase 2 to Freese & Nichols, Inc in August 2019. Currently, construction is planned to begin in late 2021 (1st Quarter FY2022).

Many aspects of phase 2 design were addressed during phase 1, specifically, all ROW needed has been acquired, a drainage outfall channel was constructed in phase 1 to address ultimate drainage improvements, all detention and embankment needs were developed in the phase 1 project, and the preliminary utility coordination has been completed.

Highlights:

- Notice to Proceed for design was issued Oct 3, 2019
- Topographic survey has been completed
- Project and/or structure drawing documents for RR coordination have been created. This is the initial step notifying the Railroad of plans to cross their Right of Way.
- CL Davis and BNSF are working to clarify and confirm the actual ROW dimensions for permitting purposes due to conflicting documentation
- 30% construction plans were submitted on March 2, 2020. Staff performed the design review and a plan review meeting was held with the consultant on April 27th. Comments were returned to consultant May 18, 2020

Upcoming Work Items:

- Consultant is working to address 30% review comments and push the design forward
- Provide 30% plans and utility conflict list to utility companies & initiate the Utility Coordination process for this final phase
- Official determination from the Corps of Engineers (USACE) needed regarding permit necessity due to (3) canal/ditches flowing from Cowart's Creek that cross the project.
- Submit preliminary overpass depiction to BNSF RR
- Complete draft copy of Drainage Report.
- Sidewalk on the southside to be 10' as was coordinated with the Multi-Modal Trail master plan

Previous Memos: 7/25/19

Project Location Map:

