



23 February 2021

To: Mayor and City Council members

Project to widen out the pinch point of Bailey Road over the BNSF railroad tracks. As always, required coordination w/ RR will be slow and expensive. Project overall anticipated very good to budget. Clay

## Bailey Road Expansion (Veterans Dr to Main)

Is It In Budget?		Is It On Schedule?		Community Benefit <i>Improve traffic reliability and overall mobility throughout the City</i>
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>Project Phase?</b>				
Engineering/Design				

### Highlights:

- 90% construction plans, cross sections and technical specifications were submitted for review January 13, 2021. Staff comments are pending receipt of the revised drainage report which uses the current model, as it is being updated due to BDD4 area improvements to the detention basins.
- Consultant has continued the BNSF Structures Review process by coordinating with BNSF personnel on current Union Pacific Railroad (UPRR) Joint Guidelines for Grade Separation Projects for the overpass. Comments from BNSF on the application have been received by consultant and revisions are being addresses for resubmittal.
- Preliminary irrigation and landscaping design for the median improvements have been submitted for staff review.
- Plans have been submitted to utility companies as part of the continued utility coordination process. No conflict letters have been received from AT&T and CenterPoint Energy.
- The consultant (Freese & Nichols) is planning a conference with the U.S. Army Corps of Engineers (USACE) regarding the diversion of Cowarts Creek through previous projects and the recognition that the remaining roadside ditch is no longer a part of the Waters of the U.S. The outcome of that meeting will have implications for the type of permit required for the project, Nationwide 14 or Individual Permit (IP). If the USACE finds for the IP the environmental could cost the project a year for approvals. Staff has previous approvals from the construction of the Bailey Road project and the Cowarts Creek Diversion Ditch project that are being provided during this review process

### Budget Info:

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
Certificates of Obligation				-
General Obligation Bonds	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				-
<b>Total Funding Sources</b>		<b>1,360,000</b>	<b>18,185,000</b>	<b>19,545,000</b>

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	1,049,546	15,000	1,064,546
Construction		9,380,789	9,380,789



Construction Management/Inspection	250,000	250,000
Construction Materials Testing	150,000	150,000
FF&E		-
<b>Total Expenditures</b>	<b>1,049,546</b>	<b>9,795,789</b>

<b>Project Balance/Contingency</b>	<b>8,699,665</b>
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Staff will be reducing the project budget at mid-year and via the FY22 CIP.

**Schedule Info:**

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

**Upcoming Work Items:**

- Consultant to address 90% remarks and incorporate Staff comments in 100% design submission.
- BNSF to complete review process on overpass plans.
- Environmental coordination with Army Corps of Engineers began in January, and a pre-application meeting has been requested.
- Bid phase start: June 2021
- Construction phase: October 2021 – October 2023

**Project Manager:** Morgan R Early

**Designer:** Freese & Nichols

**Contractor:** N/A

**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.

**Previous Memos:** 07/25/19, 06/11/20, 11/05/20



Project Location Map:

