



4/29/2021

To: Mayor and City Council members

Construction progress update on Hughes Ranch Rd. Continued significant progress with the completion of much of the sound wall, south side sidewalk, and beginning to pave the westbound lanes.

-Trent

Hughes Ranch Road (Smith Ranch to Cullen Pkwy)

Is It In Budget?		Is it on Schedule for the Current Phase per the Contract?		Community Benefit
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	No	
Project Phase?				
Construction				<i>Improves Mobility, Safety and Infrastructure</i>

Highlights:

- All the originally planned sound walls on the south side of Hughes Ranch Road have been erected and painted.
- On the north side of Hughes Ranch Road, Wall sections A and E are completely erected and painted, Wall sections B and C are completely erected and partially painted. Soundwall D is the sole remaining wall that is incomplete.
- Construction of concrete sidewalk on the south side of Hughes Ranch Road is complete.
- Roadway excavation, removal of previous asphalt pavement, and lime stabilization of the subgrade began in March and has progressed quickly under favorable weather conditions.
- Construction of future westbound lanes began in late February at the far west end between Country Place Parkway and the entrance to Southdown Drive. The contractor is now focusing on quickly progressing his slip-form paving eastward to maximize the advantages of the cooler weather and recover as much schedule as possible. As of the first week of April that had progressed as far as Kensington and is approximately 40% complete on the west bound lanes.
- Traffic Signal construction is continuing at both Miller Ranch and Bryant Court
- The revised Traffic Control plan developed to maintain access to Challenger Elementary is still in place as well as a short westbound segment from Cullen to North Hampton for Dawson traffic
- The project is 73% complete by dollars expended and 78% complete by contract time. Thus far the contractor's schedule has not been affected by COVID-19. After adding the 164 days to the schedule for the Utility relocation delays suffered early on, the project is back on schedule to complete by early November.

Budget Info:

Funding Sources	Series	To Date	Future	Total Budget
Certificates of Obligation				-
General Obligation Bonds	2013	303,708		303,708
General Obligation Bonds	2014	1,065,000		1,065,000
General Obligation Bonds	2016A	1,061,745		1,061,745
General Obligation Bonds	2018	2,856,000		2,856,000
General Obligation Bonds	2019	2,936,156		2,936,156
Other Funding Sources (TIP)		14,536,844		14,536,844
Other Funding Sources (Traffic Fund)		90,547		90,547
Other Funding Sources (Fund Balance)				-
Total Funding Sources		22,850,000	-	22,850,000

Expenditures	To Date	Future	Total
PER			-



Land	1,569,969		1,569,969
Design	606,453	5,000	611,453
Construction	17,406,713	714,447	18,121,160
Construction Management/Inspection	1,678,882		1,678,882
Construction Materials Testing	31,957		31,957
FF&E			-
Total Expenditures	21,293,973	719,447	22,013,420

Project Contingency	4%	800,000
Project Balance		36,580

The project balance includes TIP funds associated with the project.

Schedule Info:

	Base Line	Current
Design Start	February-15	February-15
Bid Start	July-18	August-18
Construction Start	October-18	March-19
Construction Completion	March-21	November-21

Time has been added to the contract to accommodate for the dry utility relocation delays.

Upcoming Work Items:

- Erection of Soundwall D and the painting of Wall sections B and C.
- Continued subgrade stabilization for the westbound lanes of Hughes Ranch Road.
- Continued concrete pavement construction of the westbound lanes of Hughes Ranch Road.

Project Manager: Skipper Jones

Construction Manager: Steve Byington, Cobb Fendley

Designer: BGE, Inc.

Contractor: Triple B Services

Scope: The project will construct approximately 10,500 LF of a four-lane concrete curb and gutter boulevard with sidewalks on both sides and traffic signals at Miller Ranch Road and Bryant Court. The project includes approximately 13,000 linear feet of a sound wall noise barrier along the major subdivisions, storm sewer improvements, illumination and landscaping. As a precursor to this construction project, the water line along the entire alignment was moved to avoid conflicts with drainage and sound wall foundations.

Justification: The roadway will enhance safety and improved access to adjacent subdivisions as well as provide direct access to the State Highway 288 Toll Lanes by way of the T-Ramp intersection built by the Toll Lane project. The new roadway also improves access and traffic safety for Challenger Elementary and Dawson High School. This project complies with City Council's [Strategic Priority](#) of Safe Community and Sound Infrastructure

Previous Memos: 04.14.15, 10.19.17, 12.07.17, 02.15.18, 05.31.18, 11.08.18, 01.24.19, 02.14.19, 06.27.19, 10.24.19, 01.23.20, 03.19.20, 05.21.20, 6.27.20, 7.14.20, 9.16.20, 11.23.20, 1.26.21, 2.18.21



Project Location Map:

HUGHES RANCH ROAD (CULLEN TO SMITH RANCH ROAD)



1:24,000

1 inch = 2,000 feet



This product is for informational purposes only and may not be prepared or be suitable for legal, engineering or surveying purposes.

MAP PREPARED: OCTOBER 4, 2017
GIS DEPARTMENT



Construction Photos:



Lime stabilization of subgrade for westbound lanes.



New Pavement on westbound lanes



Southdown Drive Intersection with Hughes Ranch westbound lanes



Hughes Ranch Intersection with Smith Ranch Road



Finished Soundwall after completion of Painting

