



30 September 2021
 To: Mayor and City Council members
 Beginning of the end of the big Hughes Ranch Road construction project in sight --
 end of calendar 2021. Clay

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	<input type="checkbox"/> No	Improves Mobility
Project Phase?				
Construction				

Executive Summary

This memo provides information about the progress on the Hughes Ranch Road Expansion project's current status. The project entails expanding the roadway from a two-lane asphalt to a concrete four-lane divided boulevard section from Smith Ranch Road to Cullen Parkway with curb, gutter and underground drainage. It also includes the addition of two traffic signals and school zone flashers, as well as sidewalks on both sides of the road.

Highlights:

All sound walls have now been erected and painted except for Wall D, (Kensington to North Hampton) in progress at this time.

Beginning last May, paving contractor is working on median cuts and left turn lanes. Now estimated to be 40% complete. There is still a gap in the main lane pavement near Linda Lane, due to changes in the drainage area that must be addressed prior to paving.

Traffic Signals at Miller Ranch and Bryant Court have been constructed and electrical services have been built. New School Zone Flashers have been installed for Challenger, signal start-up is waiting on Centerpoint to set a transformer at the signal for Bryant Court and the school zone flashers. CenterPoint has the transformer scheduled for October 2021.

Landscape and Irrigation work began on the west end. Tree species have been replaced to be compatible with use in medians per the City ROW division and Urban Forster. Installation of irrigation mainline is now 95% complete.

Concrete sidewalk along north side of project between Challenger Elementary and Dawson was completed in time for student use with the start of the school year. Sidewalk construction is continuing in a westward direction from Kensington.

The project is now 88% complete by dollars paid and 95% complete by time. Contract Completion is scheduled for November this year when the initial contract time runs out. This could still be extended by recorded weather related delays.

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	618,403		618,403
Construction	18,003,680		18,003,680
Construction Management/Inspection	1,678,882		1,678,882
Construction Materials Testing	31,957		31,957
FF&E			-
Total Expenditures	21,902,890	-	21,902,890

Project Contingency	4%	800,000
Project Balance		147,111

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

Upcoming Work Items:

- Completion of painting on Wall D.
- Continuation of sidewalk construction on the north side of Hughes Ranch Road
- Continued construction of the traffic signals at Miller Ranch Road and Bryan Court.
- Continued construction of the landscape irrigation system.
- Continued Phase 4 (median cuts and left turn lanes) concrete pavement construction.

Project Manager: Skipper Jones

Construction Manager: Steve Byington, Cobb Fendley

Designer: BGE Engineering

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

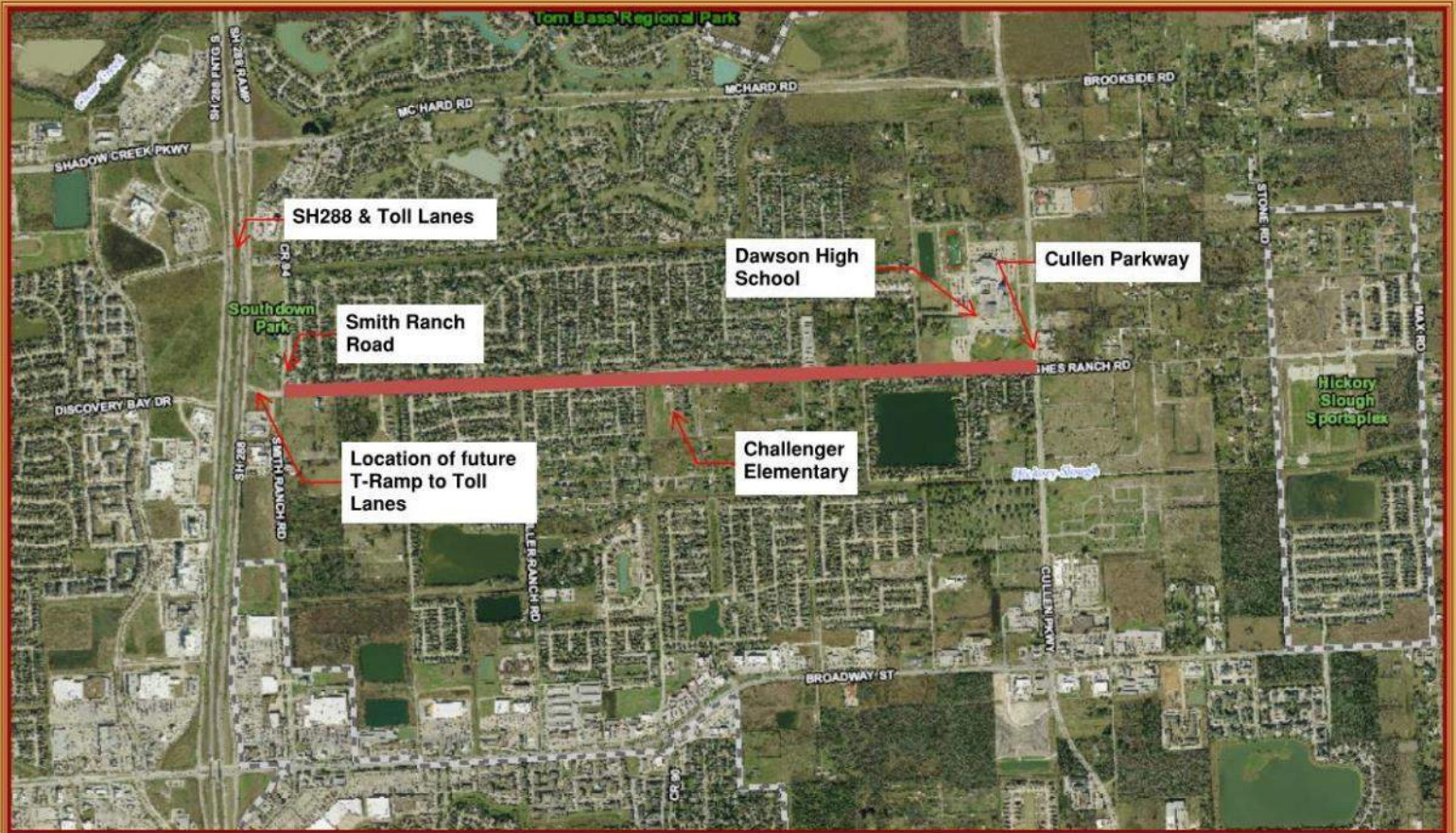


provide direct access to the State Highway 288 Toll Lanes by way of the T-Ramp intersection built by the Toll Lane project. The new roadway also improves access and traffic safety for Challenger Elementary and Dawson High School. This project complies with City Council's Strategic Priority of Safe Community 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, 4.07.21, 7.15.21

Project Location Map:

HUGHES RANCH ROAD (CULLEN TO SMITH RANCH ROAD)



1:24,000
1 inch = 2,000 feet



NORTH
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:



Sidewalk construction along north side



Backfilling medians after pouring median cut pavement



Touch-up painting of Sound wall base color



Pouring median cut in esplanade



Installation of Irrigation main along south side