



3 February 2022  
 To: Mayor and City Council members  
 Close-out of construction contract for completion of big east-west mobility improvement, capacity and safety, completed. Large funding leveraged from outside TIP funds. 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
<b>Project Phase?</b>				
Close Out				

## 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:

At this time, the work of the contract has been completed and the contractor is addressing punch list items. All paving is complete, all drainage work is complete and functioning per plan, as revised. The traffic signals are complete and functioning, as well as School Zone flashers. A speed study was performed once the contractor completed all paving operations and the Speed Limit signs were posted for 35 MPH ultimately matching the original speed limit for the roadway.

Final changes to the location of the school zone flashers were made in conjunction with the locations identified in Ordinance 1497-9 (latest School Zone Speed Ordinance).

The contractor is completing irrigation work at this time and awaiting an electrical meter set for the controller. Landscaping is approaching completion with only sodding and hydro-mulch seeding remaining.

Street Illumination foundations and electrical conduit are complete and awaiting CenterPoint's installation of wiring and poles, which is currently projected for the end of February.

Contract Close Out procedures have begun and will be completed once the final pay application is made in February. Project is 99.6% complete by dollars and 100% complete by time with 133 rain days remaining that will not be added to the contract.

## 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
<b>Other Funding Sources (TIP)</b>		<b>14,536,844</b>		<b>14,536,844</b>
Other Funding Sources (Traffic Fund)		90,547		90,547
Other Funding Sources (Fund Balance)				-
<b>Total Funding Sources</b>		<b>22,850,000</b>	-	<b>22,850,000</b>



Expenditures	To Date	Future	Total
PER			-
Land	1,569,969		1,569,969
Design	618,403		618,403
Construction	18,102,861	15,000	18,117,861
Construction Management/Inspection	1,678,882		1,678,882
Construction Materials Testing	31,957		31,957
FF&E			-
<b>Total Expenditures</b>	<b>22,002,071</b>	<b>15,000</b>	<b>22,017,071</b>

<b>Project Contingency</b>	<b>0%</b>	-
<b>Project Balance</b>		<b>832,929</b>

Staff will be reducing the project budget at mid-year.

This important \$22M transportation project was funded by leveraging \$14.5M of state/federal funding through the Houston-Galveston Area Council administered Transportation Improvement Program (TIP).

**Schedule Info:**

	<i>Base Line</i>	<i>Current</i>
<i>Design Start</i>	February-15	February-15
<i>Bid Start</i>	July-18	August-18
<i>Construction Start</i>	October-18	March-19
<i>Construction Completion</i>	March-21	December-21

**Upcoming Work Items:**

- Completion of irrigation controller electrification – awaiting electrical meter
- Continuation of sidewalk joint sealing
- Completion of installation of Street Lighting by CenterPoint
- Completion of the sodding and hydro-mulch seeding

**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, 4.29.21, 7.15.21, 09.30.21,

**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 suitable for legal, engineering or surveying purposes.

MAP PREPARED: OCTOBER 4, 2017  
GIS DEPARTMENT



**Construction Photos:**



Sidewalk construction along south side looking east



Roadway, sidewalk, median and sound wall completion



Full view of corridor improvements



Completed landscaped median



Typical side street intersection



Completed Sound Wall



Miller Ranch intersection and signal



Bryan Court intersection and signal