3 February 2022
To: Mayor and City
Council members

Close-out of construciton 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
Yes	□ No	Yes	□ No	Improves Mobility
		Project F		
		Close		

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
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	18,102,861	15,000	18,117,861
Construction Management/Inspection	1,678,882		1,678,882
Construction Materials Testing	31,957		31,957
FF&E			-
Total Expenditures	22,002,071	15,000	22,017,071

Project Contingency	0%	-
Project Balance		832,929

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:

	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	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)







Construction Photos:



Sidewalk construction along south side looking east

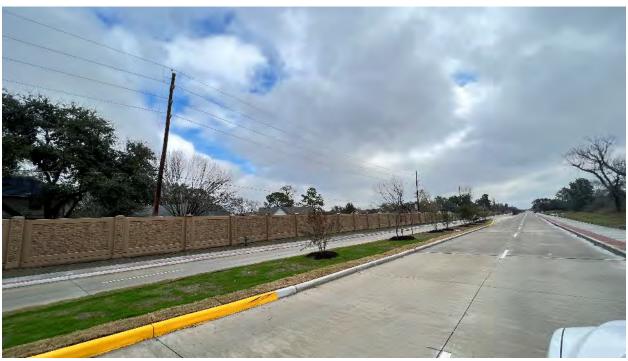


Roadway, sidewalk, median and sound wall completion





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