

MEMORANDUM

Date: February 24, 2016

To: Mayor and City Council Members
Doug Faseler, City Manager

From: Jose (Joe) R. Ramos, Jr., P.E.
City Engineer

Re: TxDOT Hike & Bike Trail Project
Change Orders Authorization

In October 2011, the Texas Department of Transportation (TxDOT) awarded the 2009 Statewide Transportation Enhancement Program (STEP) grant for a hike and bike trail (project), along Walnut Branch, to the City of Seguin. The project consists of a shared use concrete path for pedestrian and bicycle traffic from FM 78 to Convent Street, approximately 18,400-feet in length. The trail also runs along Park West and connects to the Walnut Springs Park at Court and Guadalupe Street. The project includes two substantial bridge structures, one over the creek immediately north of Court Street and a longer span bridge over the creek at the Convent Street right-of-way. Construction of the project was awarded to CRG (Construction Resolution Group).

As the project has proceeded through construction, numerous changes were necessitated due to encountered field conditions. As a result of value engineering efforts at the start of the project, previous deduct change orders (1, 2 and 3) were authorized and executed at that time, thus reducing the amount of the original contract. The additional change orders are as follows: change order number four (4) was required because (we feel) AT&T did not relocate their infrastructure in time, we are seeking reimbursement from AT&T; change order number five (5) was required because the existing curb inlets were in conflict with the new Guadalupe Street Bridge and not compatible with the trail layout; change order number six (6) was required due to the awkward intersection skew and roadside ditches complicating the ability to meet ADA requirements; change order number seven (7) was required to reconcile actual quantities compared to estimated quantities along the entire length of the project; change order number eight (8) is required due to erosion under the west side of the Convent Street Bridge at Walnut Branch (see attached before and after photos). Originally, the US Army Corps of Engineers (USACE) had this bank stabilization in their project; however, they removed that section of stabilization of the project due to concerns for the Hugmann mortared stairwell immediately south of this location. Since the stairwell has historical significance, they were concerned with adversely impacting that structure.

The recommended change order amounts are:

	<u>Proposed Deducts</u>
4. Remobilize Crane for Bridge Beams Setting	\$ 11,937.90
5. Revised Inlets at Guadalupe Street	\$ 16,580.94
6. US 90/Hidalgo Street RAS Handicap Ramp Changes	\$ 18,000.00
7. Reconcile for Minor Changes for Entire Trail	\$ 16,426.00
8. Gabion Baskets under Convent Street Bridge	\$ <u>64,971.84</u>
Proposed Change Order Total	\$127,916.68

As is required per TxDOT's policies and procedures, a final cost and quantities reconciliation will be performed at the conclusion of the project. It is possible that we may have some funds refunded back to the City. Staff recommends approval of the change orders to facilitate

completion and acceptance of the facility. Funding will be provided by the City Council
Approved budget amendment, this evening.

Cc: Rick Cortes
Susan Caddell
Jack Jones
Nathan Garza
Michael Sharp
File