

2/6/2020

To: Mayor and City Council members

Large trail connection between existing system nearing completion. Clay



Green Tee Terrace Bike and Pedestrian Trail

Scope: The Green Tee Terrace Trail project is a 10-ft wide hike and bike trail along an alignment defined by Clear Creek from a tie-in point approximately 1,500 ft. south of Hughes Road through Riverstone Ranch Development to just east of Broadway (FM 518). The project includes benches, bike racks, trail signage, trash receptacles, water fountains, shade structures, and a pedestrian bridge over Clear Creek.

Justification: The Parks & Recreation Master Plan identified the need to create hike and bike trails as a priority during acquisition and development. This project is included in the 2013-2014 TIP and will be 80% federally funded.

Project Manager: Jameson Appel

Construction Manager: Freese and Nichols

Designer: RPS, Group

Contractor: Tandem Services, LLC

Budget Info:



Funding Sources	Series	To Date	Future	Total Budget
Certificates of Obligation	2017	100,000		100,000
Certificates of Obligation	2018	1,085,168		1,085,168
Certificates of Obligation				-
Cash		20,487		20,487
W/S Revenue Bonds				-
Other Funding Source (Developer)		200,815		200,815
Other Funding Sources (Fund Balance)		64,668		64,668
Other Funding Sources (Park Zone)		217,430		217,430
Other Funding Sources (TIP)		3,275,150		3,275,150
Total Funding Sources		4,963,718	-	4,963,718

Expenditures	To Date	Future	Total
PER			-
Land	504		504
Design	540,286		540,286
Construction	2,460,373		2,460,373
Construction Management/Inspection	164,401		164,401
Construction Materials Testing			-
FF&E			-
Total Expenditures	3,165,563	-	3,165,563

Project Balance/Contingency	1,798,155*
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*Project balance includes TIP funds associated with the project. Staff will be reducing the City's portion of the budget at mid-year

Schedule Info:

	<i>Base Line</i>	<i>Current</i>
<i>Design Start</i>	May-16	January-17
<i>Bid Start</i>	June-18	August-18
<i>Construction Start</i>	November-18	June-19
<i>Proposed Construction Completion</i>	December-19	February-20

Rain/Impact Days: 61

Highlights: The NTP for this construction project was issued June 24, 2019

- 11/5 pedestrian bridge was set in place by coordinating 350-ton and 500-ton cranes on either side of Clear Creek.
- Paving operations completed 1/8/20
- Change order executed 1/6/20 for installation of additional bridge railing on the wing walls (CO added \$0 to contract and 28 calendar days for fabrication and installation of railing)

On-going/planned progress: (2 week look ahead)

- Below items were scheduled for installation mid-January but have been delayed by weather. Due to location, type of work, and natural drainage several consecutive dry days are needed to resume work. Listed items are the remaining task needed for substantial completion.
 - Shade structures
 - Graphic bands/benches/receptacles/stripping
 - Irrigation and landscaping
 - Handrail installation
 - Wingwall at box culvert installation
- Change Order being processed to connect GTT trail parking lot and Clear Creek Park subdivision at Shallow Creek and Pearland Parkway(Figure 1).
 - The Change Order creates a continuous 6-foot shared use path with additional parking options approximately 750 linear feet from the current trail head. Due to location and available space in the project limits, only six parking spaces were constructed at the trail head at Pearland Parkway. Creating a connection to the intersection of Shallow Creek Dr. and Pearland Parkway provides connectivity to the subdivision (Riverstone and Clear Creek park) and to the commercial areas while providing additional parking options that are made available at the commercial properties along Pearland Parkway (i.e. Academy, Hobby Lobby). Approximately 200 linear feet of this existing sidewalk along Pearland Parkway needs to be removed and replaced due to non-compliance with ADA regulations.
- Tentative substantial completion walk-thru scheduled for mid-February.

Notes:

- Twenty-four rain days to be added to contract.
 - November 2019 – 4 rain days
 - December 2019 – 2 rain days
 - January 2020 – 18 rain days

Previous Memos: 09/26/16, 03/09/17, 11/08/17, 03/27/18, 05/24/18, 11/29/18, 09/12/19, 11/14/19

Figure 1.





Current sidewalk along Pearland Parkway does not meet ADA regulations will be removed and replaced as referenced in red in the above exhibit (Figure 1).

Construction Photos:



Setting steel for parking lot at Pearland Parkway



Paved parking lot



6X6 box installation at drainage ditch outfall to Clear Creek



Concrete pour over storm boxes



Slope grading



Hydro mulching



Steel placement at FM 518



Final concrete pour at FM 518