

# Green Tee Terrace Trail

9/18/2018  
 To: Mayor and City Council members  
 Trail connection between existing pieces and what development has placed finally getting ready for consideration, nearly 3/4 outside leveraged funds.  
 New TxDOT deadline approaching. Clay



**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:** Jennifer Lee

**Designer:** RPS, formally Klotz & Associates

**Contractor:**

**Budget Info:**



Funding Sources	Series	To Date	Future	Total Budget
Certificates of Obligation	2017	100,000		100,000
Certificates of Obligation			1,285,983	1,285,983
Certificates of Obligation				-
Cash		20,487		20,487
W/S Revenue Bonds				
Impact Fee - Debt				
Other Funding Sources (Fund Balance)		668		668
Other Funding Sources (Park Zone)		217,430		217,430
Other Funding Sources (TIP)		3,339,150		3,339,150
<b>Total Funding Sources</b>		<b>3,677,735</b>	<b>1,285,983</b>	<b>4,963,718</b>

Local \$ = 28%

Other leveraged \$ = 72%

Expenditures	To Date	Future	Total
PER			-
Land	452		452
Design	483,752		483,752
Construction	6,313	3,123,000	3,129,313
Construction Management/Inspection		320,000	320,000
Construction Materials Testing		110,000	110,000
FF&E			-
<b>Total Expenditures</b>	<b>490,517</b>	<b>3,553,000</b>	<b>4,043,517</b>

<b>Project Balance/Contingency</b>			<b>920,201</b>
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## Schedule Info:

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

Rain Days:

## Highlights:

- The Design Team submitted 90% plans to the City, BDD4, HCFCD, and TxDOT on July 31, 2018.
  - Comments have been received back from HCFCD and TxDOT.
  - The City has returned comments.
- Staff has reviewed the Project Manual for accuracy and returned comments to the engineer on September 7.
- BD4 has sent comments to the engineer on September 5.
  - BD4 has asked for the Drainage Easement MOU.
  - **The easement dedication was approved by Council on September 17.**
  - **BD4 approved the plans on their September 11 agenda.**
- **Meritage Homes has started construction in the area. Staff has asked for, but not received their CAD files to overlay to make sure our alignment is correct and does not encroach on their development.**
- After Hurricane Harvey, BDD4 requested the City relocate portions of the trail based on the planned drainage improvements along Clear Creek. Previous plan reviews with BDD4 did not indicate the original location was an issue.
  - Per BDD4's requirements, RPS moved approximately 2,400 LF of the trail to the ultimate ROW.
  - To accommodate the requirement, the layout, typical sections, quantities, data sheets, plan and profile sheets, drainage, and cross sections all required revisions.
  - Staff has requested their level of effort matrix for the changes and is reviewing it in light of some lack of early coordination efforts by RPS with BDD4 and HCFCD to determine if any additional design fees are warranted.
- **TxDOT has informed the City that the project will lose federal funding if it we have not received the Federal Project Authorization and Agreement (FPAA) by September 21, 2018. There have been many delays caused by TxDOT resulting in the project coming up against this deadline but we now appear to have TxDOT staff making this a priority to avoid any loss of funds.**
  - Staff met with TxDOT on Friday, September 14 and began working to meet the FPAA deadline.
  - The project team (city staff and engineer) and TxDOT's Plan Reviewer, Planner, Project Coordinator, and Project Manager developed a strategy to finish the necessary documentation and reviews.
  - **As of this writing, it appears that the project will meet the deadline.**
  - Staff has developed the advertisement and will be posting project beginning the last week of September.

**Previous Memos:** 09/26/16, 3/09/17, 11/08/17, 03/27/18, 05/24/18



**LEGEND**

- Limits of Trail Project
- Existing Trail (done by others)
- Pedestrian Bridge
- Culvert Crossing



**GREEN TEE  
TERRACE TRAIL  
LOCATION MAP**