

Memo



To: Clay Pearson, City Manager
From: Cara Davis, Senior Project Manager
CC: Trent Epperson, Assistant City Manager
Robert D. Upton, P.E., Director of Engineering
Skipper Jones, Assistant Director of Capital Construction
Chris Orlea, Director of Parks & Recreation
Date: September 13, 2018
Re: Shadow Creek Trail

9/12/2018
To: Mayor and City Council members
Going to recommend consideration of construction contract for trail section in Shadow Creek that will connect existing sections, south of Clear Creek. There's 80% TxDOT construction funding to accomplish the work. The City's funding is in place. As noted, the low as-read bidder failed to meet all the mandatory requirements and has to be passed over, per TxDOT. Clay

Shadow Creek Trail design began in early 2017 with the contract award to Talley Landscape Architects. The new section of trail will provide connectivity with the existing nature trail accessed at Kingsley Drive just north of Shadow Creek Parkway to the trail that ends just east of Kirby Dr. With the assistance of the Houston Galveston Area Council (H-GAC) Transportation Improvement Program (TIP) funding received in 2013, Shadow Creek Trail will be built via an 80/20 split of Federal and Local City of Pearland funding.

Design Overview

The proposed Shadow Creek Trail will construct a 10-ft concrete trail between the existing Nature Trail near the Sports Complex at Shadow Creek Ranch and the trail ending on the east side of Kirby Drive. The construction plans include trail heads with plantings and seating at the beginning and terminus of this trail section. Independent seating nodes and wayfinding signage will be located along the route as well. An under bridge crossing will take pedestrians under the Kirby bridge at Clear Creek to connect to the existing trail east of the roadway. This allows for a safer pedestrian crossing rather than an at-grade mid-block crossing on a major thoroughfare.

Stakeholder Input

Various coordination efforts were undertaken throughout the pre-planning and design processes. Several meetings were held with the Shadow Creek Ranch Maintenance Association (SCRMA) and Brazoria Drainage District 4 (BDD4) as the trail will be adjacent to the waterways that each entity maintains. As TxDOT is providing 80% of the funding, as a reimbursement, and has been closely involved throughout the entire process as well. They assisted the City and the design consultant with receiving environmental clearance on the project by reviewing and submitting the reports on the City's behalf through the TxDOT environmental group.

Contract Award and Proposed Schedule

Advertising for the project commenced on July 18, 2018. Bids were opened and read aloud at the City Hall Annex on August 16, 2018 in the presence of City staff as well as representatives from TxDOT and Talley Landscape Architects. Two contractors submitted bids in the amounts of \$1,353,270.78 and \$1,636,959.60. Millis Development & Construction, LLC (Millis) was the apparent low bidder and was approximately 1% below the consultant's construction estimate of \$1,368,278.66. However, during the bid analysis process it was discovered that Millis did not submit the complete child support information as required by the federal guidelines. Therefore, the City must adhere to the federal funding guidelines for the construction and recommend that the Millis bid be rendered "non-responsive" and disqualified from consideration. The second bidder, Texas Wall and Landscape, LLC (Texas Wall), did submit a complete bid package. The Texas Wall bid is 19.6% over the consultant's construction estimate. Texas Wall's bid is still within the construction funds that have been budgeted for the project. All reference checks and reviews of their qualifications yielded favorable results. Funds have been budgeted and will be used for the Construction Management (CM), Inspection (CI), and Construction Material Testing (CMT) and construction phase services with the design consultant. Staff is currently negotiating contracts with Freese & Nichols for CM/CI/CMT services and Talley for the construction phase services.

The City's concurrence of the award package, which included the City's and Designer's recommendation of award, contract documents, and procedural checklists, was submitted to TxDOT on August 31, 2018. Staff anticipates receiving TxDOT's approval to award the contract to Texas Wall in the next couple of weeks. Therefore, staff is planning to take the construction contract award to Council on September 24th, depending on staff receiving TxDOT's concurrence. The CM/CI/CMT and consultant construction phase contracts will be presented to the Council for consideration as soon as they are approved by TxDOT.

The contract includes 180 calendar days for substantial completion with an additional 32 days to achieve final completion. Due to the sensitive nature of the planting schedules for wildflowers proposed in this contract, we plan to schedule a preconstruction conference for the end of September. There will be an emphasis on the pre-construction coordination to ensure the contractor has all pre-construction documentation and agreements required by TxDOT so they can receive their Notice to Proceed (NTP) shortly after the contract award. The expected completion date is approximately May 2019 if an NTP is issued in October 2018.

Budget Info:

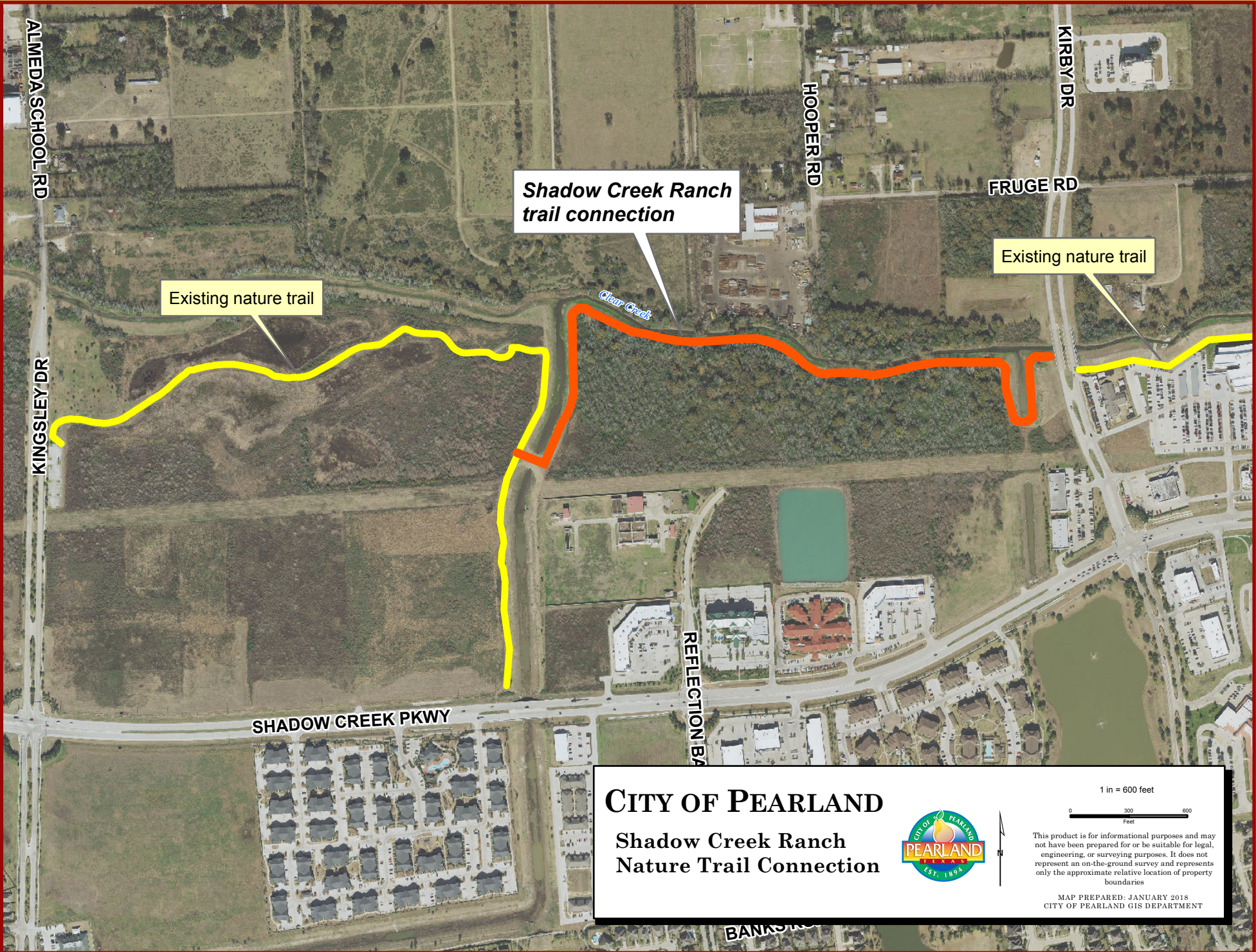
Funding Sources	Series	To Date	Future	Total Budget
Certificates of Obligation	2016	324,951		324,951
Certificates of Obligation	2018	380,000		380,000
General Obligation Bonds				-
General Obligation Bonds				-
W/S Revenue Bonds				-
W/S Revenue Bonds				-
General Revenue - Cash		38,994		38,994
Other Funding Sources		1,572,181		1,572,181
Total Funding Sources		2,316,126	-	2,316,126

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	296,592	65,000	361,592
Construction	55	1,636,960	1,637,015
Construction Management/Inspection		215,000	215,000
Construction Materials Testing			-
FF&E			-
Total Expenditures	296,647	1,916,960	2,213,607

Project Balance/Contingency	102,519
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Schedule Info:

	Base Line	Current
Design Start	February-17	February-17
Proposed Bid Start	July-18	July-18
Proposed Construction Start	October-18	October-18
Proposed Construction Completion	April-19	



**Shadow Creek Ranch
trail connection**

Existing nature trail

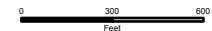
Existing nature trail

CITY OF PEARLAND

Shadow Creek Ranch Nature Trail Connection



1 in = 600 feet



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

MAP PREPARED: JANUARY 2018
CITY OF PEARLAND GIS DEPARTMENT