

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

1/26/12
WPD / CLMD

SUBJECT:

Authorize execution of a construction contract with LAUGHLIN-THYSSEN, INC., Houston, Texas for the Williamson Creek - Blarwood Storm Drain Improvements in the amount of \$5,485,443 plus a \$548,544.30 contingency, for a total contract amount not to exceed \$6,033,987.30.

CURRENT YEAR IMPACT:

Department:	Watershed
Project Name:	Williamson Creek- Blarwood
Fund/Department/Unit:	8602 6307 6836
Funding Source:	2006 GO Bonds
Current Appropriation:	7,457,045.00
Unencumbered Balance:	6,336,856.71
Amount of This Action:	(6,033,987.30)
Remaining Balance:	<u>302,869.41</u>

ANALYSIS / ADDITIONAL INFORMATION:

The City of Austin has received several requests from residents in the Whispering Oaks Neighborhood in south Austin to mitigate frequent flooding problems during heavy rain events. The Williamson Creek Blarwood Storm Drain project area is bounded by Campden Drive on the south, Coatbridge Drive on the north, Aldford Drive on the east and Blarwood on the west. The existing storm drain system in the project area was constructed in conjunction with the single family houses in the 1970s. Development of the area occurred prior to the publication of the first City of Austin Drainage Criteria Manual in 1977 and thus was designed under different drainage criteria. Numerous flood complaints have been registered in the Watershed Protection Department's database. Residents have formally requested that the City address four locations of reported street flooding, seven locations of reported house flooding and sixteen additional locations of reported yard flooding.

This project will alleviate the flooding of streets, houses and yards through construction of upgraded storm drain pipe and new storm drain inlets throughout the neighborhood. The work consists of approximately 11,000 linear feet of storm drain including curb inlets, junction boxes, reinforced concrete boxes, reinforced concrete pipes, and a new outfall into Cherry Creek. The work will also include repair of existing culverts; replacement of approximately 1,200 linear feet of water lines and 100 linear feet of wastewater lines and services; 35,000 square yards of street reconstruction and pavement and curb and gutter replacement; installation of erosion controls and traffic controls; stream bank stabilization along Cherry Creek; and miscellaneous work as shown in the contract documents.

Due to the potential for unknown subsurface conditions and utility conflicts when working in the right of way, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders.

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The contract allows 450 calendar days for substantial completion of this project. The contract includes the acceptance of Alternate #1 and Alternate #2. Alternate #1 includes the work associated with the storm drain improvements and water and wastewater line relocations on Berkeley Avenue, Campden Drive, Krollton Drive and Boleynwood Drive. Alternate #2 includes the work associated with the storm drain improvements and water and wastewater line relocations on Coatbridge Drive and Burnhill Drive.

This project is located within zip code 78745 and is managed by the Public Works Department.