

Sandstone Drive Stormwater Improvement Project



Before



After

Purpose:

The project purpose was to eliminate frequent flooding of the Sandstone Drive and Horseshoe Circle intersection. Flooding resulted in disruption of traffic in a residential subdivision, and one residential structure immediately adjacent to the intersection reported flooding. Flooding was caused by inadequate capacity in the existing stormwater collection and conveyance system. The Intersection had just one inlet draining the entire runoff to the intersection. The existing storm sewer outlet was a 15-inch pipe incapable of conveying runoff from significant storm events.

Project Details:

The improvements at Sandstone Drive include installation of new catch basins and approximately 450 feet of RCP along Sandstone Drive with limited channel improvements on surrounding properties.

<u>Phase</u>	<u>Agenda Date</u>	<u>Funding Source</u>	<u>Budget</u>	<u>Actual</u>	<u>Begin Date</u>	<u>End Date</u>
Concept*	Dec-10	SPLOST 2005	\$95,131	\$50,001	Jul-10	Jan-11
PE Design*	Dec-10	SPLOST 2005	\$242,341	\$143,770	Jan-11	Apr-12
FE Design						
ROW*	Sep-11	SPLOST 2005	\$2,000	\$1,700	Jan-13	Feb-13
Construction	Aug-13		\$49,000	\$53,624	Oct-13	June-14
		SPLOST 2005	\$29,861	\$29,249		
		General Fund	\$19,139	\$29,113		

Concept: CHA – Clough, Harbor & Associates David Clark, P.E.
 Design: CHA – Clough, Harbor & Associates David Clark, P.E.
 Construction: T&PW Streets & Drainage Department Kevin Gentry

Notes: Stormwater (507) funding was combined with the funds remaining in SPLOST 2005-08, since the SPLOST project funds were near depletion when the project construction was initiated.

Project: CE-27

**This project is a sub-project of the Stormwater Improvement Group 2: System Improvement project. The sub-project is combined with Group 2 projects on early agenda items, and in the budgeting of Concept, Design and Right-of-way phases.*