

CITY OF SAN ANTONIO CITY MANAGER'S OFFICE

TO: 2017 Drainage Community Bond Committee

FROM: Lori Houston, Assistant City Manager

COPY: Sheryl Sculley, City Manager; Executive Leadership Team; Mike Frisbie, Transportation & Capital Improvements Director/City Engineer

DATE: November 23, 2016

SUBJECT: 2017 DRAINAGE COMMUNITY BOND COMMITTEE REQUESTED INFORMATION

This memo addresses requests for information from 2017 Community Bond Committee members and citizens regarding the Drainage 2017 Community Bond Committee meeting held on November 10, 2016.

Drainage

McDougal Ave. - Citizen William Anderson, District 3, submitted a Project Request Form for the 100 block of McDougal Ave. with concerns of street flooding and ponding water. This project is estimated at \$0.75M to reconstruct McDougal Ave. from S. Gevers St. to Goliad Rd. This project could potentially be funded through the City's annual operating or capital budgets in future years.

Prestwick Blvd. - Citizen William Anderson, District 3, submitted a Project Request Form for the 100 block of Prestwick St. with concerns of street flooding and ponding water. This project was estimated in 2010 at \$3.6M to install an underground drainage system from Prestwick St. to Clark Ave. However, TCI will investigate if there is an interim solution, such as re-grading the existing drainage channel along 104 Prestwick Blvd., that could potentially be funded in the future through the City's annual operating or capital budgets to improve drainage for the more frequent, small scale storms rather than the 1% annual chance (100-year) storm.

Castle Hills Area Drainage - City of Castle Hills Councilman JR Trevino expressed concerns of flooding within Castle Hills as a result of runoff coming from San Antonio, and specifically a new Meritage Homes development near West Ave. and Lockhill-Selma. In March 2016, TCI as well as representatives from Council District 9 and City of Castle Hills visited several areas of concern in Castle Hills. Noted during the March 2016 meeting and restated in the November 10th Drainage 2017 Community Bond Committee Meeting is that the drainage issues in this area are a result of development over the past several decades draining towards natural topographic lows and not providing modern-day infrastructure to convey runoff, both within San Antonio and Castle Hills.

Texas Water Code states that "no person may divert or impound the natural flow of surface waters in this state, or permit a diversion or impounding by him to continue, in a manner that damages the property of another by the overflow of the water diverted or impounded." Additionally, San Antonio's Unified Development Code (UDC) stipulates that "the owner or developer of property to be developed shall be responsible for the conveyance of all storm water flowing through the property. This responsibility includes the storm water flowing onto the property by any other developed property as well as the drainage naturally flowing through the property by reason of topography. TCI has confirmed that the Meritage Homes development meets local and state development codes regarding storm water runoff.

**Requested Information from 2017 Community Bond Committee
November 23, 2016**

Page 2 of 2

In coordination with Council District 9, TCI is underway with a study to identify solutions to address flooding within Castle Hills. It should be noted that prior to any improvements within San Antonio, downstream improvements within Castle Hills must be constructed. The ultimate solution will need to include contributions from the City of San Antonio, Bexar County, and City of Castle Hills as part of the Bexar Regional Watershed Management (BRWM) committee. BRWM is a partnership between the City of San Antonio, Bexar County, and the San Antonio River Authority, and 20 surrounding suburban cities formed in 2003 to provide regional flood control management. This information has been previously provided to the City Manager and Mayor of the City of Castle Hills.

Criteria/Metrics for Project Selection - Committee Members previously requested information on the project selection. TCI provided 15 different criteria to the Committee Members that can be used in selecting projects. In addition to the provided criteria, the Committee voted to include “Safety” and “Rough Proportionality” to the list of criteria. Based on these metrics, TCI scored the additional projects that were submitted for consideration in the 2017 Bond Program. These projects are listed in order below. There are 16 criteria. Each project was assigned a score that reflected the percentage of criterion that the project met. The criterion of “Rough Proportionality” was not included in this scoring since it will be reviewed at a later date in comparison to all 2017 Bond Projects.

Project	Score
De Chantle (Westhill Place)	56
Capitol St. Drainage Project	50
Vidor Ave Area Drainage	50
Commerce St. - Low Water Crossing	44
North New Braunfels	44
Pinn Rd. - Low Water Crossing	44
Griggs Ave.	44
Bexar Street Reconstruction	25
Wigwam Dr. Area Drainage Project	25

ATTACHMENTS:

Attachment (A) - Drainage Bond Project Scoring Matrix

ATTACHMENT A

Drainage Bond Project Scoring Matrix

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Project	Structures being flooded	Properties being flooded	Within FEMA floodplain	Water over roadways	Encourages economic development	Does not create adverse impacts	Does not require land acquisitions	Low/normal maintenance cost	Environmental Benefits	Benefit/cost ratio ≥ 1	BRWM Master Plan	Other funding sources being leveraged	Shovel Ready	Does not require extensive permitting	Opportunity for open space	Increase safety	Project Score
Bexar Street Reconstruction	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	25
Capitol St. Drainage Project	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	50
Commerce St. - Low Water Crossing	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	44
De Chantle (Westhill Place)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	56
North New Braunfels	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	44
Pinn Rd. - Low Water Crossing	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	44
Wigwam Dr. Area Drainage Project	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	25
Vidor Ave Area Drainage	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	50
Griggs Ave.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	44

● Yes
● No

Project Ranking

