



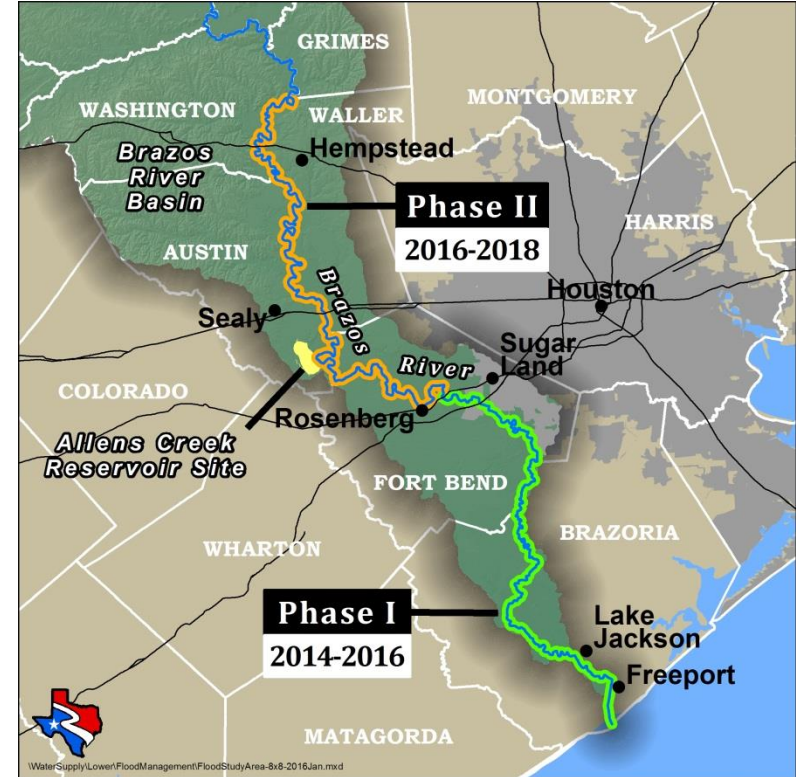
Lower Basin Flood Protection Planning Study

***Presented by
Brad Brunett
Water Services Manager***



Study Background

- **Why?**
 - High growth area with outdated and inconsistent Brazos River floodplain information
- **Who?**
 - Texas Water Development Board, lower basin entities, BRA, & Halff Associates, Inc.
- **What?**
 - New models
 - New estimates of how much, how fast, and how high
 - New maps





May-June 2015



FM 1489 near Simonton



Ditch H in Sugar Land



Rosenberg



Brazos River in Sugar Land



Alt 90A in Richmond



US 59 in Sugar Land





Study Funding

Study Phase	Focus Area	Cost	TWDB Grant	¹ Local Contribution	BRA In-Kind Services
Phase I	Richmond to Gulf	\$1,063,168	\$514,783.50	\$533,816.50	\$14,568
Phase II	Hempstead to Richmond	<u>\$550,468</u>	<u>\$275,234</u>	<u>\$109,500</u>	<u>\$14,568</u>
		\$1,613,636	\$790,017.50	\$643,316.5	\$29,136

¹ Local area financial participants include Brazoria County, Waller County, Velasco Drainage District, Pecan Grove MUD, Lake Jackson, and Sandy Point



Staff Recommendation

- **Approve BRA cash contribution of \$151,166 for Phase II**



Resolution

“BE IT RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to contribute \$151,166 for Phase II of the Lower Basin Flood Protection Planning Study.”



Brazos River Authority