

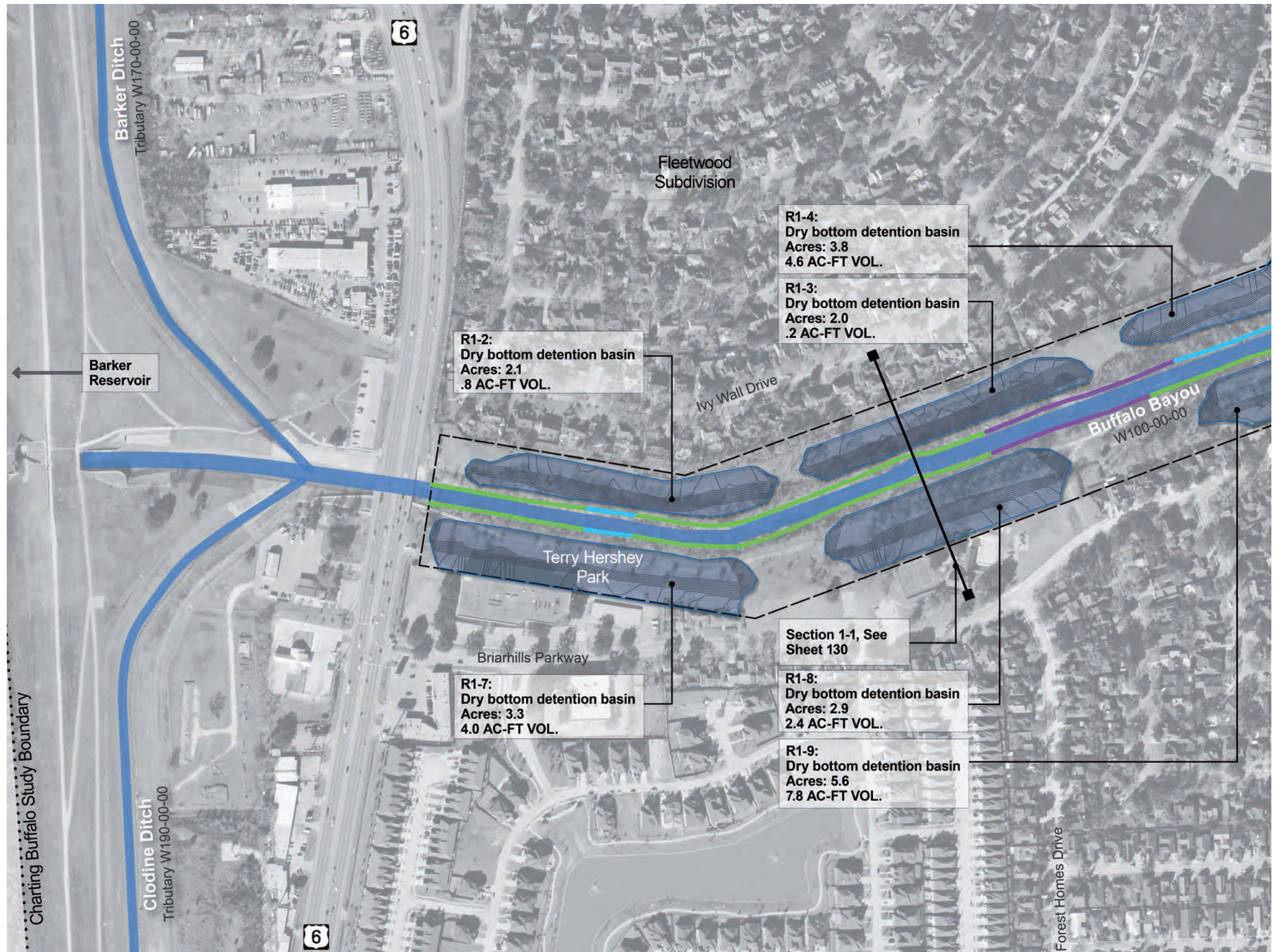
# Flood Damage Reduction Options Map

## BUFFALO BAYOU

**Description of Potential Options:** The US Army Corps of Engineers (USACE) Barker Reservoir watershed covers 130 square miles and contains Mason Creek and Upper Buffalo Bayou. Barker Reservoir discharges into Buffalo Bayou. The wide HCFCD right-of-way offers options to construct detention basins. In the 60 years since the land was conveyed to HCFCD by the USACE, vegetation growth and tree stands has emerged. Critical habitat areas need to be considered.

Erosion rates are generally moderate to high, with a few areas of extreme erosion. There is good construction access, good visibility, and potential habitat improvement and cultural resource protection in selected areas, thus prioritization categories are primarily Medium and High, with some areas of Low.

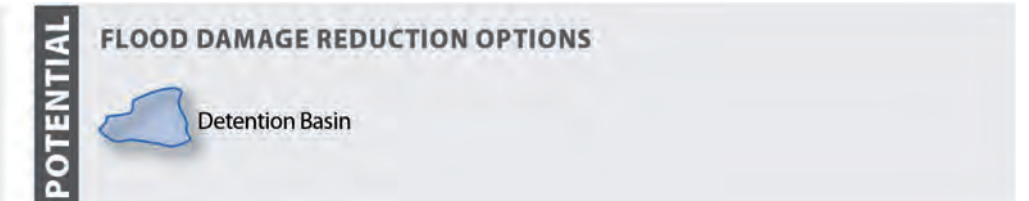
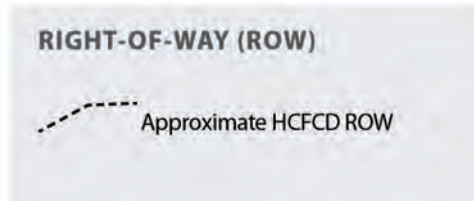
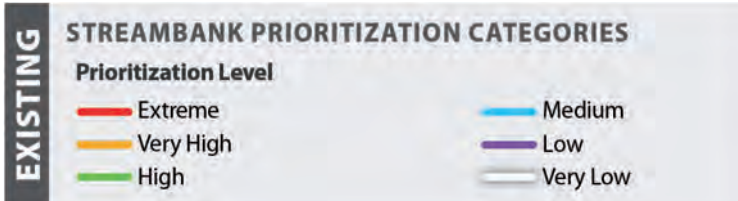
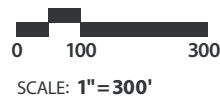
**Benefits of Potential Options:** The total storage volume of basins located within the park between State Highway 6 and Eldridge could be approximately 68 acre-feet.



STATE HIGHWAY 6 to  
BELTWAY 8

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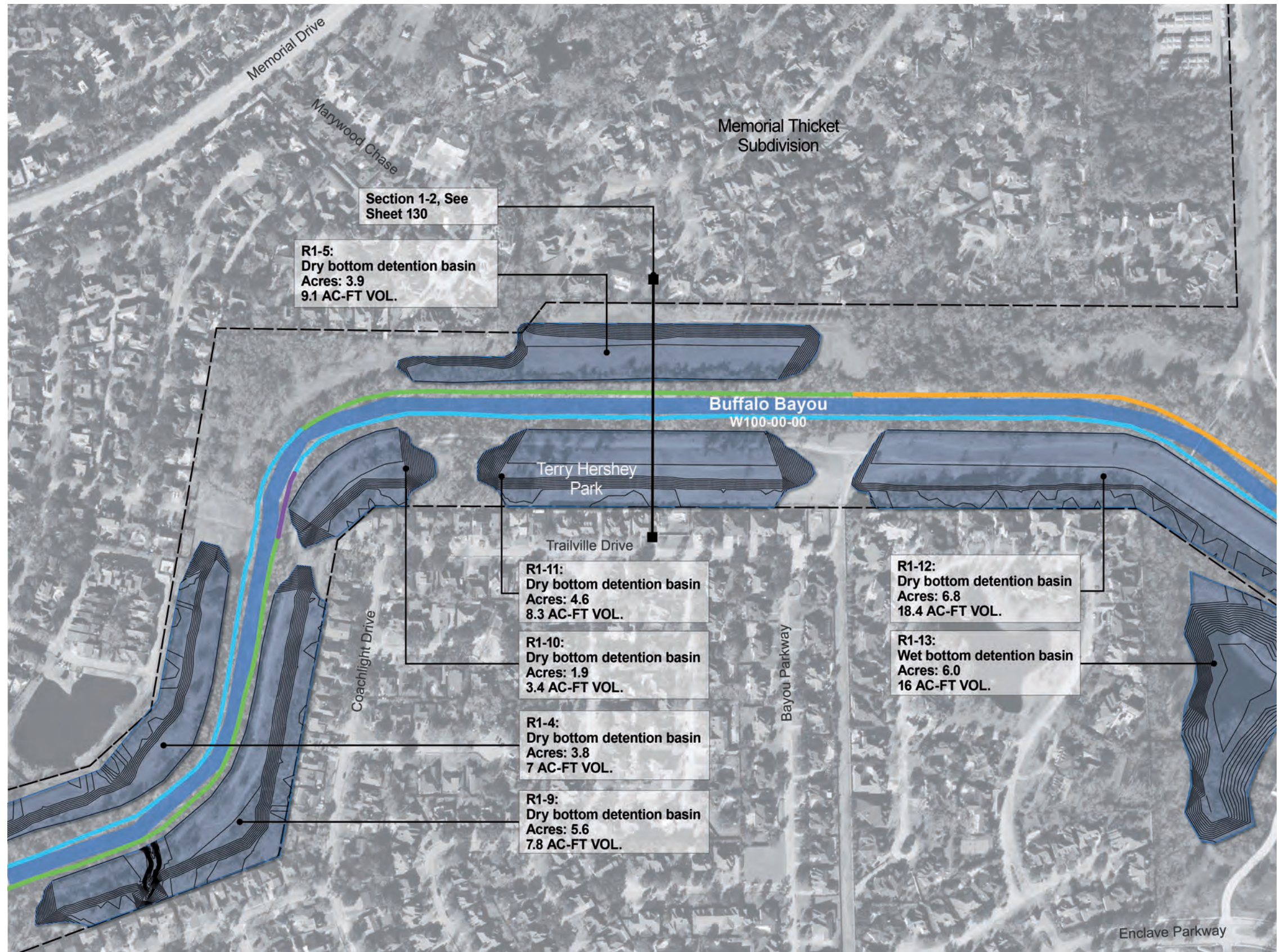
# Flood Damage Reduction Options Map

## BUFFALO BAYOU

**Description of Potential Options:** Many of the banks on the south side of the bayou are the result of spoil areas created when the channel was straightened by the USACE in the 1990's. Preliminary surveys indicated this spoil bank could be breached without adversely affecting critical tree stands or increasing flood risk to neighboring properties.

Erosion rates are generally moderate to high, with very few areas of extreme erosion. There is good construction access, good visibility, and potential habitat improvement and cultural resource protection in selected areas, thus prioritization categories are primarily Medium and High, with some areas of Low and Very High.

**Benefits of Potential Options:** Total storage volume of basins located within the park between State Highway 6 and Eldridge could be 68 acre-feet.



STATE HIGHWAY 6 to  
BELTWAY 8

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