Lower Basin Flood Protection Planning Study

Presented by
Brad Brunett
Water Services Manager

Meeting Date: January 25, 2016
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  – High growth area with outdated and inconsistent Brazos River floodplain information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

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### Study Funding

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

\(^1\) 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.”