



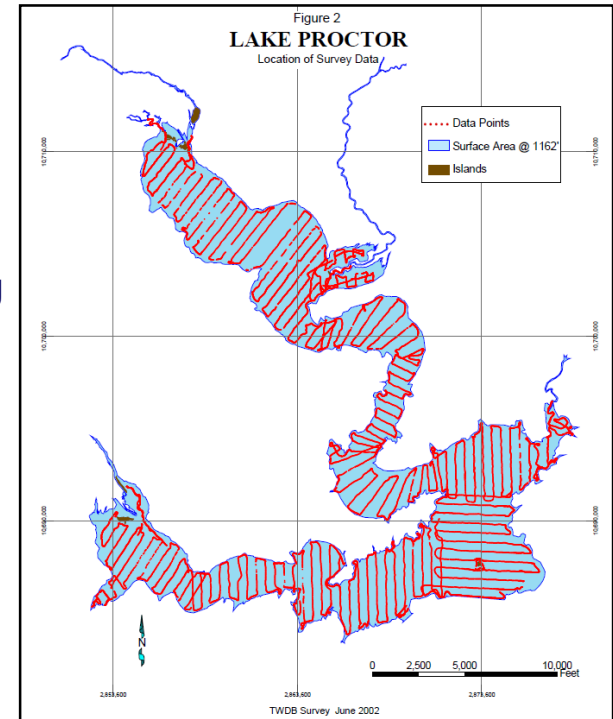
# ***Reservoir Sediment Surveys***

***Presented by  
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# Hydrographic Surveys

- TWDB program began in the 1990s
- Surveys tell us how much sediment has entered a lake
- Necessary data to estimate the yield of a lake
- Provide estimates of sedimentation rates for future planning





# *Reservoirs to be Surveyed in 2016*

| <b>Reservoir</b>  | <b>Total Cost</b> | <b>Amount to be Funded by BRA</b> | <b>Amount to be Funded by USACE</b> |
|-------------------|-------------------|-----------------------------------|-------------------------------------|
| Belton            | \$53,908          | \$53,908                          | 0                                   |
| Stillhouse Hollow | \$45,045          | \$45,045                          | 0                                   |
| Georgetown        | \$36,768          | \$18,384                          | \$18,384                            |
| Possum Kingdom    | \$63,988          | \$31,994                          | \$31,994                            |
| Whitney           | <u>\$70,876</u>   | <u>\$70,876</u>                   | <u>0</u>                            |
| <i>TOTAL:</i>     | <i>\$270,585</i>  | <i>\$220,207</i>                  | <i>\$50,378</i>                     |

Note: \$260,000 is included in the adopted BRA FY 2016 Budget for hydrographic surveys.



# ***Resolution***

**“BE IT RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to enter agreements with the Texas Water Development Board (TWDB) and the US Army Corps of Engineers (USACE) to facilitate TWDB hydrographic surveys at Lakes Belton, Stillhouse Hollow, Georgetown, Possum Kingdom, and Whitney and to secure funding from the USACE for a portion of the survey costs.”**



# Brazos River Authority