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**St. Louis District Corps of Engineers  
CONTRACT No. W912P9-06-D-0508**

**Interagency Performance Evaluation Team (IPET) for New Orleans and  
vicinity Hurricane Protection System**

**Task Group No. 6—Vertical Datum Elevation Modeling**

**GEODETTIC CONTROL AND TOPOGRAPHIC SURVEYS OF SE LOUISIANA  
HURRICANE PROTECTION AND FLOOD CONTROL PROJECTS**

**PRELIMINARY**

**Gage Connection Surveys Report**

## USGS and Orleans Levee District Gages at I-10 and Inner Harbor Navigation Canal (IHNC).



USGS Gage at I-10 and IHNC  
Elevation taken on Iron directly over  
transducer pipe = 10.09' ft. NAVD88 2004.65  
Bk. 060855, Pg.36

Orleans Levee District Staff Gage  
10' Mark = 9.62' ft. NAVD88  
2004.65  
Bk. 060855, Pg.36

Additional Photo of both gages.



## USGS Gage at Parish Road (I 510) Bridge over the IWW



USGS Parish Road Gage, Elevation = 6.496' ft. NAVD88 2004.65  
Bk. 060850, Pg 27



Red circles on photo are where elevation was taken.



## Orleans Levee District gage at Southshore Marina



Southshore Marina Gage Staff Gage elevation at reading 0' = -0.79' ft., New reference point RP-A Elevation = 4.42' ft., Original reference point PID BJ1394 = 8.33' ft. NAVD88 2004.65, Bk. 060850, Pgs. 28-31



The above photo shows location so RP-A and red circle shows staff gage.

## Pass Manchac at Turtle Cove Pontchatoula, LA



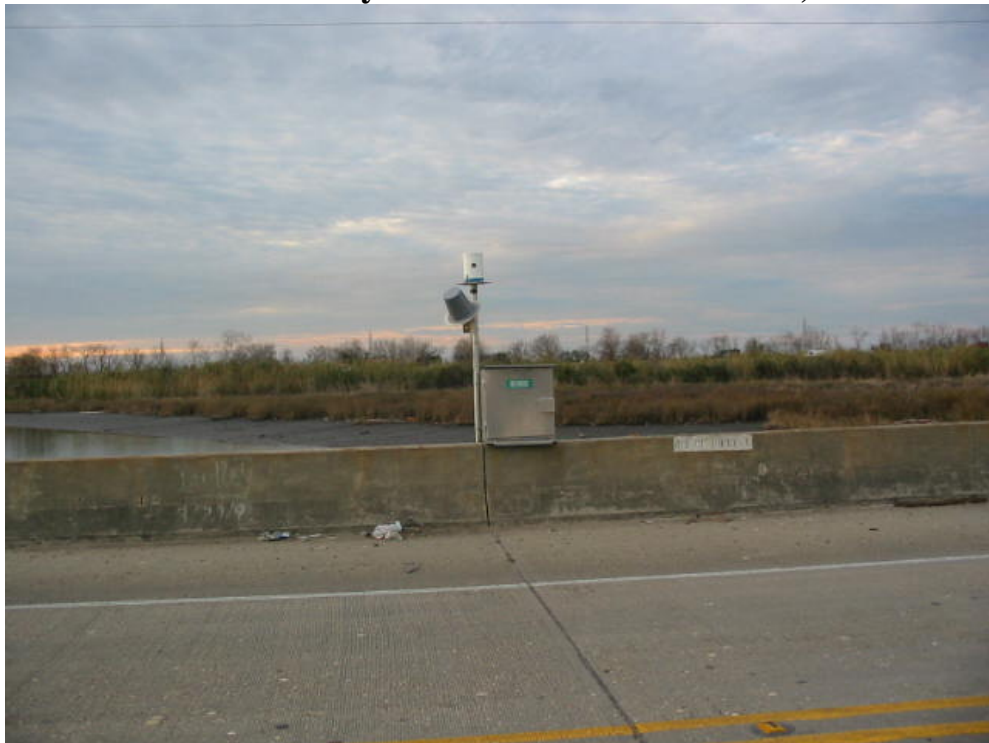
Pass Manchac at Turtle Cove, Shot GPS-1 = 2.838' ft. NAVD88  
2004.65, Bk. 060850, Pg. 25-26



Additional Photo of Pass Manchac at Turtle Cove below.



**Little Irish Bayou near HWY 11 in Slidell, La**



Little Irish Bayou, Shot GPS-1 = 4.96' ft., AGO6 = 3.62' ft., RM-1 = 5.00' ft., RP-1 = 9.97 ft., and RM-2 = 5.02' ft. NAVD88 2004.65, Bk. 060855, Pg. 27

## Weather Service Mid-Lake Gage



GPS Point -AGO7 = 9.04 ft NAVD88 2004.65  
Bk. 060858 Pg. 29



Shot at screw on gage = 11.97' ft NAVD88 2004.65, Bk. 060858 Pg. 29





Shot at top lip PVC Pipe = 12.92' ft. NAVD88 2004.65, Bk. 060858 Pg. 29



Shot RM-1 = 9.06' ft. NAVD88 2004.65, Bk. 060858 Pg. 29