



**COAST AND GEODETIC SURVEY**

H. Arnold Karo, Director

AN EXAMPLE OF  
HORIZONTAL GEODETIC CONTROL FOR BRIDGE  
ENGINEERING AND PLANNING. ESTABLISHED BY  
THE COAST AND GEODETIC SURVEY ALONG THE  
PROPOSED ROUTE OF THE LAKE PONTCHARTRAIN  
CAUSEWAY IN LOUISIANA.

THIS FIRST-ORDER ARC OF TRIANGULATION  
EXTENDING ACROSS THE LAKE PROVIDED THE  
PRECISE CONTROL FOR THE FINAL ALIGNMENT  
OF THIS TWENTY FOUR MILE LONG CAUSEWAY.

**LEGEND**

- △ New stations established to extend control across lake.
- ⊙ One of the previously established stations to which the new work was tied.

MANDEVILLE

L A K E

P O N T C H A R T R A I N

NEW  
ORLEANS