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HAMILTON FORM CREATES FUNCTION

CASE STUDY

COPANO BAY BRIDGE

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*David Malaer, General Manager
Valley Prestress Products, Inc.*



The Project:

Valley Prestress Products was recently awarded a contract for the prestress products for the Copano Bay Bridge in Rockport, Texas. The project includes four hundred and sixty 54-inch cylindrical piles with a 42-inch voided center, ranging in lengths from 83 to 168 feet.

The Challenge:

The round piles were a new product for Valley Prestress. A new bed, forms and an efficient production process needed to be developed to produce the new product.

The Solution:

Valley Prestress installed a 520-foot bed, staging and curing areas to produce the piles. Hamilton Form fabricated the cylindrical pile forms with a hydraulically actuated interior void and two piece headers. The two part outer form was designed with integral hold ups and hold downs to keep the void in place during the pour. Production is running smooth.

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