



american  
concrete  
institute  
**LOUISIANA**  
**CHAPTER**



presents

*1997 Concrete Project Award*

**BEST PROJECT OF THE YEAR**

for

***EAST APPROACH TO STAR AND STRIPES  
BOULEVARD***

to

**Design Engineering, Inc.**  
*Civil - Structural Engineer*

in recognition of  
outstanding and innovative use of concrete products

*Shashikant M. Suthar*  
president

1-16-98  
date

## **PROJECT:**

### **Stars and Stripes Boulevard, East Approach and Floodwall, New Orleans, LA**

The East Approach to Stars and Stripes Boulevard is an \$8.0 million roadway, bridge and floodwall project. It has as its main feature, a two lane, high-rise bridge structure across the elevated Norfolk Southern Railroad main line twin tracks and the adjacent flood protection levee. The bridge connects the two existing parallel ground level west bound traffic roadways (Haynes Boulevard and Stars and Stripes Boulevard) on either side of the railroad. The 3500 foot long overpass and roadway project required degrading of 2200 feet of the existing earthen hurricane flood protection levee and installation of 2200 linear feet of a seven and one-half (7½) foot high concrete I-type floodwall to provide space for the installation of bridge columns and the merger with the existing Haynes Boulevard westbound roadway at ground level.

The East Approach bridge is 1,939 feet long and 42'-10" wide, and has a deck area of 83,100 square feet. The bridge rises 46 feet above the average ground elevation to provide the required 23-foot clearance over the Norfolk Southern Railroad tracks. The bridge deck width includes the 1'-5" exterior barrier rails and a 40-foot wide clear roadway. The bridge structure is constructed entirely of durable reinforced concrete.

There is 1,257 foot long at grade approach and a merging roadway at the east end of the bridge that connects to Haynes Boulevard. Similarly, there is a 311 foot long at grade approach roadway at the west end of the bridge which connects to Stars and Stripes Boulevard.