



# Katrina-Damaged Bay St. Louis Bridge Demolition/Recycling

## BAY SAINT LOUIS & PASS CHRISTIAN, MI

With its 120 mph winds and 28-ft storm surge racing towards the Gulf Coast, Hurricane Katrina made landfall in August 2005, causing more than \$1 billion in damage to Mississippi's transportation infrastructure. Like several other upper Gulf Coast cities, Bay Saint Louis was devastated by the hurricane, and the 4-lane Bay St. Louis Bridge on US Highway 90 was severely damaged with many bridge sections displaced or downdropped at the west edges. For a new bridge to be built, the destroyed bridge needed to be demolished.

### PROJECT HIGHLIGHTS

- Demolition of the 10,000-linear-foot bridge and alignment of a new bridge located in the debris field of the old bridge.
- The Cashman JV team demolished:
  - 261 bents (159 left standing after Katrina)
  - Standard bents - 90 tons (piles & caps)
  - Batter bents - 171 tons (piles & caps)
  - Deck and beams - 254 tons

### INNOVATIVE SOLUTIONS

- Over 125 tons of debris were placed in offshore reefs.
- Demolition debris was 100% recycled, primarily by repairing an existing fishing reef (Handkerchief Reef) and used in the construction of a new reef (Bayou Caddy).

Location:	Bay Saint Louis/Pass Christian, Mississippi
Contractor:	Jay Cashman Inc./Testa Corp. (JV)
Contract Dates:	Feb. 2006 - July 2007
Dollar Value:	\$14.8 Million
Awarding Authority/ Owner:	Mississippi Dept. of Transportation
Owner Contact/ Details:	Allan Nelson 228.452.6600
Project Engineers/ Managers:	Granite-Archer/Western & Cashman Team

