



US Army Corps  
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New Orleans District

# News Release

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## **FOR IMMEDIATE RELEASE**

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Oct. 6, 2006

## **Lakefront levee tie-ins to be longer, stronger** *Hurricane sheet-pile construction expected to begin in October*

NEW ORLEANS—Installation of deeper and stronger sheet piles to protect two pump stations on Lake Pontchartrain from hurricane storm surges is expected to begin this month.

Two contracts to improve 1,406 feet of floodwall tie-ins connecting the hurricane levees to pump stations in East Jefferson parish were awarded on Sept. 20 to these small, disadvantaged builders:

--Pump Station 2, at the mouth of Suburban Canal, \$1.1 million to Buck Town Contractors & Co. of Kenner for \$1.1 million.

--Pump Station 3, at the mouth of Elmwood Canal, \$1.3 million to Progressive Construction Co. of Alexandria.

“The steel sheet piles will be 60 feet long, three times the length of existing piles,” said Mervin Morehiser, the Corps project manager. “The existing piles are a legacy inherited by the federal project, and they need to be replaced by new, stronger steel.”

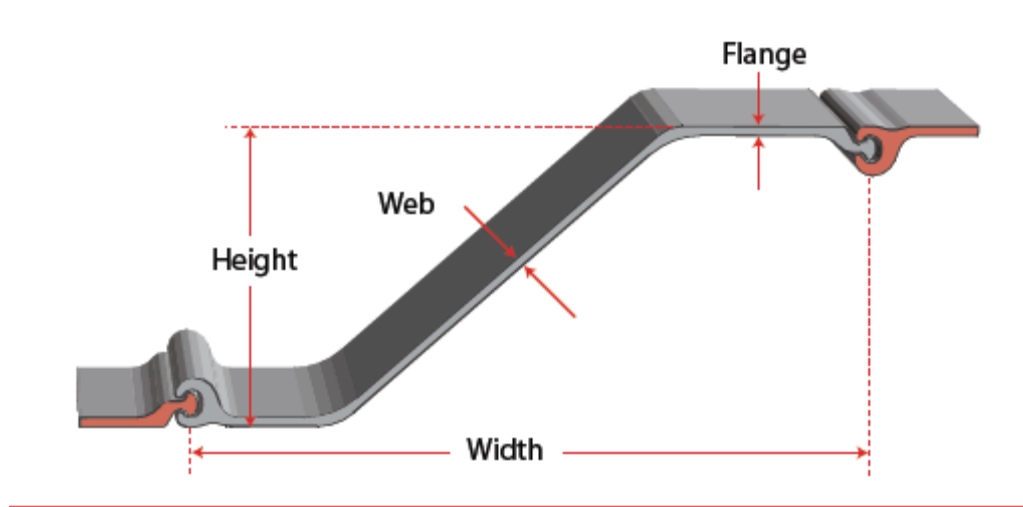
The longest single section of sheet pile will extend 600 feet westward from Pump Station 2 on Suburban Canal.

Each section of sheet pile is 22.6 inches wide and one-half inch thick. That works out to almost two tons or 3,960 pound per 60-foot section.

Angled shapes and interlocking pieces give the sheet pile structures strength by endowing it with corrugated design. Each piece is identical and looks like a “Z” stretched and elongated by pulling its horizontal elements in opposing directions.

The construction will be done in coordination with the East Jefferson Levee District, the non-federal sponsor. However, under post-Katrina legislation, the federal government will pay 100 percent of the project cost.

## Generic sheet pile cross section



*This is the standard steel sheet-pile that will be driven to strengthen the East Jefferson levee and pump stations tie-ins on the lakefront. The strong, corrugated configuration is created by reversing and re-reversing the pieces so they form a continuous interlock. The “Web” is one-half-inch thick for this specification of steel. Length, actually 60 feet for each sheet, is front to rear in the graphic.*