

FOR IMMEDIATE RELEASE

Friday, May 8, 2009

Contractors Use Flooded River to Their Own Advantage

Partnered with C.J. Mahan Construction Company, LLC and Aquarius Marine, Inc., Prestress Services Industries, LLC, successfully submitted a value-engineering proposal to Haydon Bridge Company, Inc., the Prime Contractor for the KY Route 22 Bridge Replacement for over the Kentucky River. This proposal consisted of changing the as-bid superstructure of the bridge, which is located approximately 25 miles upriver from KY Lock and Dam No. 1, from steel to pre-cast, post-tensioned concrete. The proposal saved the state of Kentucky approximately \$800,000.00

Prestress Services Industries is fabricating the bridge sections, the longest of which are the four center span sections that measure approximately 9' tall by 185' long. Due to the size of these four sections, and the eight pier sections that measure 16' high by 138' long, on-road delivery would not have been possible. Aquarius Marine was selected to deliver these sections via the Ohio and Kentucky Rivers. While the eight pier sections will be able to be locked through the temporarily rehabilitated Kentucky Lock & Dam No. 1, the center span sections are too long to fit in the lock. On Friday, May 8, 2009 Aquarius Marine pushed the four center span sections over Kentucky Lock & Dam No. 1 while the Kentucky River elevation was 13' over its normal pool elevation of 430'. Once all bridge sections have been delivered, C.J. Mahan Construction Company will erect the superstructure.

