EARLY PROCUREMENT MITIGATED THE RISK OF SCHEDULE DELAYS

Early in MnDOT’s work with AMES CONSTRUCTION, INC., the CMGC contractor, an additional work package was implemented to procure new bridge foundation pilings. The new Work Package #1 consisted of PROCUREMENT OF 42-INCH OPEN-ENDED STEEL SHELL PILINGS for the new bridge main river pier substructures.

Through the CMGC process, AMES WORKED DIRECTLY WITH THE STEEL PILING FABRICATORS and determined a 12-20 week lead time was required for the pilings to be fabricated and delivered. A main project goal is to advance construction so the SPRING 2015 FLOODING ON THE MISSISSIPPI RIVER won’t affect the scheduled goal of placing Highway 43 traffic on the new bridge by the fall of 2016. EARLY PROCUREMENT OF THE PILINGS was required to ensure delivery to the project site in August 2014, which allowed the river bridge foundation to proceed.

$638,000
THE OVERALL COST SAVINGS ESTIMATED FOR THE DECREASE IN WALL THICKNESS OF THE PILING ON A $2.2 MILLION CONTRACT

1" TO 3/4"
During constructability reviews, the CMGC team RECOMMENDED CHANGING THE PILING WALL THICKNESS from the originally recommended

VALUE ADDED FEATURES
THE ADDITIONAL COSTS OF SIGNIFICANT SCHEDULE DELAYS, SUCH AS WINTER WORK, SCHEDULE ACCELERATION AND A DELAYED OPENING OF THE NEW BRIDGE, WERE NOT INCLUDED IN THE ESTIMATED SAVINGS ABOVE.

FOR MORE INFORMATION ON THE WINONA BRIDGE PROJECT
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AMES CONSTRUCTION IS THE WINONA BRIDGE CMGC CONTRACTOR
The Burnsville, Minnesota, company is also the GENERAL CONTRACTOR on the nearby DRESBACH BRIDGE PROJECT (shown). A history of quality bridge projects, on-time delivery and professionalism.