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# News Release

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## **BRADDOCK DAM SELECTED AS FINALIST FOR ASCE AWARD**

PITTSBURGH -- The U.S. Army Corps of Engineers, Pittsburgh District, Braddock Dam Project, has been selected as one of seven finalists for the 2004 American Society of Civil Engineers (ASCE) Outstanding Civil Engineering Achievement Award. The winner will be announced at the fifth annual ASCE Outstanding Projects and Leaders (OPAL) gala in May. Braddock Dam is located on the Monongahela River at Braddock, Pa.

ASCE annually recognizes an exemplary civil engineering project as the Outstanding Civil Engineering Achievement. Established in 1960, this prestigious award honors the project(s) that best illustrates superior civil engineering skills and represents a significant contribution to civil engineering progress and society.

The new Braddock Dam was completed by innovative in-the-wet construction techniques to achieve cost and time savings and improve quality. This is the first such use of this technology by the U.S. Army Corps of Engineers. It is exemplary of the highest level of dedication, initiative, innovation, perseverance and leadership to maintain schedule, control quality and to overcome extreme design challenges never undertaken for civil design and construction of a navigation dam.

The signature feature of the new Braddock Dam contract was the fabrication, assembly and delivery of two large floating concrete segments that form the base of the new dam. These float-in segments were built at Leetsdale, Pa., and delivered to the project site by way of the inland navigation system utilizing commercial towboats. The segments were transported to a location upstream of the project site for further outfitting before being floated back to the dam site and into position for set-down onto a previously completed foundation system of drilled shafts. Construction of the Braddock Dam is part of the \$790 million Lower Monongahela River Project. The Lower Mon Project will replace the nearly 100 year-old fixed-crest dam at Locks and Dam 2 in Braddock with a gated dam (Braddock Dam), remove Locks and Dam 3 in Elizabeth and construct two new larger locks (Charleroi Locks) at Locks and Dam 4 in Charleroi.

The significance of this engineering and construction achievement has been recognized in many engineering periodicals, including *Civil Engineering* magazine. The *Engineering News Record* named it one of the top 25 newsmakers of the year in 2002. And finally, the History Channel's *Modern Marvels* highlighted the Braddock Dam construction in its 1-hour documentary of the history of the U.S. Army Corps of Engineers.