



McMAHON ASSOCIATES, INC.  
425 Commerce Drive | Suite 200 | Fort Washington, PA 19034  
p 215-283-9444 | f 215-283-9445  
www.mcmtrans.com

**PRINCIPALS**

Joseph W. McMahon, P.E.  
Rodney P. Plourde, Ph.D., P.E.  
Joseph J. DeSantis, P.E., PTOE  
John S. DePalma  
William T. Steffens  
Casey A. Moore, P.E.  
Gary R. McNaughton, P.E., PTOE

**ASSOCIATES**

John J. Mitchell, P.E.  
Christopher J. Williams, P.E.  
John F. Yacapsin, P.E.

For more information, contact:  
Janine M. Zinski, CPSM  
Marketing Manager  
215-283-9444 ext. 206  
Email: [janine.zinski@mcmtrans.com](mailto:janine.zinski@mcmtrans.com)

*For Immediate Release*

## **McMAHON ASSOCIATES, INC. HONORED WITH ACEC/PA DIAMOND AWARD**

**Fort Washington, PA, March 1, 2010-** McMahan Associates, Inc., a full-service transportation engineering, planning, and water resources firm with 34 years of service, was honored with the prestigious Diamond Award for Engineering Excellence given by the American Council of Engineering Companies of Pennsylvania (ACEC/PA), for their outstanding work on the Upper Shawme Lake Dam Rehabilitation project in the Town of Sandwich, Massachusetts. This awards competition recognizes Pennsylvania's engineering firms for projects that demonstrate a high degree of achievement, value and innovation.

McMahon, along with John Rocchio Corporation and the Town of Sandwich, designed and constructed a new, zoned earthen dam on a difficult foundation, within an environmental area of critical concern, and within two historic districts. The project included the entire removal of an old 1800's era mill dam, replacing it with a new earthfill dam, NRCS concrete drop spillway, and a new Alaskan steeppass fish ladder.

McMahon performed final design and permitting, which included a reinforced concrete spillway that was a total of 145-ft long with maximum wall heights of 17.5-ft. The spillways were supported on concrete spread footings. A complete set of plans, specifications, and cost estimate were included in the final bid package for the dam rehabilitation. In addition, McMahon performed hydrologic modeling of multi-frequency rainfall events to develop inflow design storms for sizing the dam and spillway. Modeled low flow events through the 500-year storm events to establish reservoir stage and response during flood events. McMahon performed final design and hydraulic analysis of the concrete drop spillway.

McMahon received the award during a special reception and banquet on Thursday, February 4, 2010, at the Hotel Hershey in Hershey, PA. Kurt A. Staller, P.E., project manager of this project, received the award on behalf of McMahon. He stated, "we at McMahon are very proud to work in a strong partnership with the Town of Sandwich to see the long-ago vision come to fruition."

McMahon Associates' mid-Atlantic offices are located in Fort Washington (corporate headquarters), Exton, Camp Hill, and Pittsburgh, PA; Yardville, NJ; and Bowie, MD, and combined currently employs nearly 100 of the company's 120 full-time employees. It also has two offices in Florida and two in New England. McMahon's primary services include transportation planning/traffic studies, traffic signal design and permitting, highway design and permitting, structural design, Intelligent Transportation Systems, Geographic Information Systems/custom software development, land survey, dam design, water resources, and construction services for both public and private clients. For more information, please contact Casey A. Moore, P.E., vice president and regional manager, at (215) 283-9444, or via email to [casey.moore@mcmtrans.com](mailto:casey.moore@mcmtrans.com).