



Eastern Pennsylvania
& Delaware Chapter
American Concrete Institute



DINNER MEETING

***Pymatuning Dam Gate House
New Life for an Enduring Landmark***

Guest Speaker: W Kortney Brown, Project Engineer, Schnabel Engineering

WHEN: Thursday, November 17, 2016
Cocktails: 5:30 p.m.
Dinner: 6:30 p.m.
Presentation: 7:30 p.m.

WHERE: Maggiano's Little Italy
205 Mall Boulevard
King of Prussia, PA 19406
(610) 992-3333

COST:		<u>Reserved</u>	<u>At the Door</u>
	EPD Chapter Members and Guests	\$50.00	\$55.00
	Chapter Non-Members	\$60.00	\$65.00
	Chapter Student Members	\$15.00	\$20.00
	Chapter Non-Member Students	\$20.00	\$25.00

Return Registration Form with payment by check to EPDACI (address below) or by email and credit card via epdaci.org. For further information, call (302) 765-3732.

Deadline: November 14, 2016. Payment is required for all reservations regardless of attendance.

RESERVATIONS: Please reserve _____ for Dinner Meeting, November 17, 2016.

Organization: _____	Family Style	Dietary Restrictions
Names: _____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____
_____	<input type="checkbox"/>	_____



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The Program: Concrete deterioration and concern over the long term integrity of the Pymatuning Dam Gate House prompted the Pennsylvania Department of Conservation and Natural Resources (DCNR) to undertake rehabilitation of the structure, which was determined to be eligible for listing in the National Register of Historic Places. Because the Gate House is historically significant and has become the landmark symbol for Pymatuning State Park, maintaining the visual appeal of the exterior of the structure was critical. Additionally, given that Pymatuning Reservoir is the largest lake in Pennsylvania at over 17,000 acres, control of water during rehabilitation was a major concern.

The selected design approach consisted of constructing a new reinforced concrete intake structure within the shell of the existing tower, thereby providing long-term reliability while protecting the highly-valued history of the structure's exterior. Discussion will focus on collaborative conceptual approaches to the project, including high-end visualizations, and the sequencing and detailing of the work to effectively dewater, protect and restore the historic gate house while completely reconstructing and modernizing its interior.

The Presenter: Kortney Brown is a Project Engineer at Schnabel Engineering, and is a licensed Professional Engineer. He has been employed at Schnabel for 9 years, where he specializes in dam rehabilitation design and construction. Kortney obtained his Bachelor's degree in Civil Engineering and his Master's degree in Water Resources Engineering from Villanova University. He possesses an active curiosity about the evolution and practice of engineering related to dams.

Directions to Maggiano's Little Italy, King of Prussia

From the North

Take the Pennsylvania Turnpike West to Exit 326 (Valley Forge). Take Exit 328 (N Gulph Rd). Turn left onto N Gulph Rd. Turn left onto Mall Blvd. Restaurant is on the right.

From the South

Take 95 North to Route 476 North (Exit 7). Take 76 West (Schuylkill Expressway) following signs for Valley Forge to Exit 327 (Mall Blvd). Continue straight, then right onto King of Prussia Plaza. Restaurant is 300 feet on right.

From the East

Take the Atlantic City Expressway to Route 42 to the Walt Whitman Bridge. Follow 76 (Schuylkill Expressway West) to Exit 327 (Mall Blvd). Continue straight, then right onto King of Prussia Plaza. Restaurant is 300 feet on right.

From the West

Take the Pennsylvania Turnpike to Exit 326 (Valley Forge). Take Exit 328 (N Gulph Rd). Turn left onto N Gulph Rd. Turn left onto Mall Blvd. Restaurant is on the right.

From Philadelphia International Airport

Take 95 South to Route 476 North (Exit 7). Take 76 West (Schuylkill Expressway) following signs for Valley Forge to Exit 327 (Mall Blvd). Continue straight, then right onto King of Prussia Plaza. Restaurant is 300 feet on right.