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Technical MEETING ANNOUNCEMENT & REGISTRATION FORM

Bayonne Bridge Raising the Roadway

Earn 1.0 Professional Development Hour (PDH) NJ, NY & PA

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DATE: Thursday - March 15, 2018

LOCATION: Pines Manor - Rt. 27, Edison, New Jersey

TIME: Cocktails 6:00 P.M. Dinner-7: 00 P.M.

PROGRAM- 7:45 P.M.

WELCOME: Sergio Couto, P.E., Chairman

**Joseph LoBuono, PE, Speaker, HDR
HDR/WSP a joint venture**

*PDH Certificates {1.0 Hour} will be available to be picked
up at the registration desk at the end of the presentation.*

(NJ, NY & PA)

Please register by March 8, 2018 PRINT all information clearly for your name tag and certificate information.

COST: \$65.00 registered by 3/8/2018 (Please make check payable to PEC of NJ) Registrations after 3/8/2018 will be \$70.00

Please register _____ person(s) for the PEC Seminar, Thursday, 3/15/2018 at the Pines Manor - Edison, NJ. I am enclosing

\$ _____.

Or visit website pecofnj.org to register and pay on-line

**PLEASE
PRINT**

Company Name

**Attendee
e-mail
address**

Attendee Name

Note: If paying by check please submit registration form via email: info@pecofnj.org - We want to accommodate everyone and notify the venue ASAP of the amount of space needed. No refunds will be given. We appreciate your cooperation and help in registering on time. Thank you

If Paying by check Please remit to:

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Bayonne Bridge – Raising the Roadway

March 15, 2018

By: Joseph LoBuono, PE

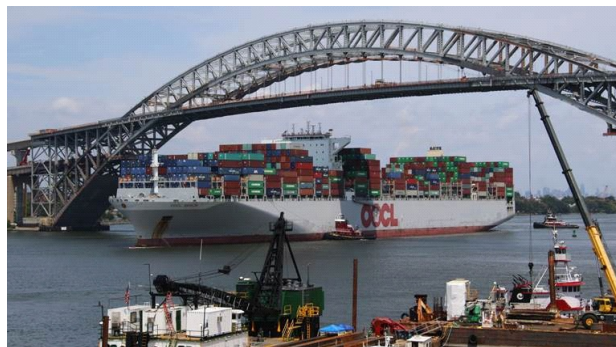
ABSTRACT



Opened in 1931 as the world's longest arch span, the 1,652' steel truss arch serves as the gateway to one of the busiest port facilities in the world – The Port of New York & New Jersey. The bridge features a vertical clearance (air draft) of 151' and a channel width of 800'. The bridge spans the Kill van Kull waterway providing access to and from lower New York harbor. With the advent of the widened Panama Canal, the next generation of container vessels will be wider, deeper and taller as container shippers strive to maximize capacity. Vessels with heights in excess of 200' are under construction or planned. Accordingly, the constraint of the vertical clearance of the existing Bayonne Bridge will ultimately impair the economic growth and vitality of not only the region but of the country.

The Port Authority of New York & New Jersey undertook an extensive study to determine the most feasible method to increase the vertical clearance under the bridge and chose to raise the roadway of the bridge within the arch in order to provide 215' of vertical clearance.

This “Raising of the Roadway” is being accomplished with a Design-Bid-Build procurement. This presentation addresses the project development story, the concept of the new elevated roadway, the issues of dealing with a structure designed and built 80 years ago, the detailed analysis of the new structure and the construction methodology to achieve one of the primary project goals which is to extend the life of the bridge for 100 years.



Speaker Bio
Joseph LoBuono, PE

Mr. LoBuono has over 49 years of consulting engineering experience in the field of bridge design and construction. He holds a BSCE degree from Manhattan College, Bronx, NY and currently serves as HDR's Technical Director for Major Bridges. His experience includes being the Project Manager or Technical Director on such notable projects as the Sunshine Skyway Bridge, the Dame Point Bridge and Rt. 9 SB over the Raritan Bridge – NJDOT's first Design-Build Bridge Project.

He has been the Lead Engineer for the Bayonne Bridge Project since its inception - 9 years. This includes the feasibility phase, the design development phase, the PS&E phase and now the construction support phase.