



Lunch Meeting

Wednesday, September 25, 2013

Rehabilitation of the Boston Bridge

Speaker: Dan Wills, P.E., Chief Bridge Engineer,
ms consultants, inc., Pittsburgh, PA

Program: Mr. Wills will present on the rehabilitation of the Boston Bridge, located in southern Allegheny County, PA. The structure is a 1,183 foot long 8-span bridge carrying SR 48 over the Youghiogheny River and CSX Railroad. The through-truss and twin girder structure, owned by the Pennsylvania Department of Transportation, District 11-0, carries nearly 20,000 vehicles per day, serving as a vital regional transportation link.



The scope of work included replacement of the bridge deck, sidewalks and stringers, member strengthening, replacement of the pin and linkage tie-down system at the ends of the truss spans, realignment of racked/displaced steel girders, replacing all bearings, refurbish existing historic handrailing and repainting the entire structure. The posted detour for the bridge was 14 miles for passenger vehicles and 29 miles for trucks. To minimize the duration of traffic disturbance and accelerate construction, the design documents indicated a precast grid deck system. This system was revised by the contractor to a grid with cast-in-place infill, constructed within a very demanding schedule to meet the commitments made to the public.

Location: Crowne Plaza Hotel – 5300 Rockside Road, Independence, OH 44131

Lunch: Selection of [1] Grilled Chicken Caesar Salad, [2] Jumbo Turkey Croissant Sandwich, or [3] Grilled Veggie Wrap, each served with a side salad or soup, red potatoes and seasonal vegetables. All entrees include bread, coffee or tea, and desert.

Time: 11:15 a.m -11:45 a.m. Registration
11:45 a.m - 12:15 p.m. Lunch
12:15 p.m - 1:15 p.m. Speaker

Cost: The cost is \$25 for members and \$30 for non-members. There is a reduced rate of \$10 for currently enrolled students.

RSVP: Please email Elaine Magoch **with lunch selection** via email at emagoch@dlzcorp.com by **9/20/13**.

One (1) Continuing Professional Development hour will be provided. If you attend and sign in at the meeting, and wish to obtain CPD credit, please go to our website (<http://www.abcdneoh.org/professional-development.html>) following the meeting to obtain the sign-in sheet and announcement.

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