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SEI ILLINOIS CHAPTER
FEBRUARY DINNER MEETING

CREATE P1 Englewood Flyover Project
Englewood Flyover – Chicago, IL

by

Matthew Santeford, PE, SE – CREATE P1 Englewood Flyover Project
Manager

Abstract:

The Englewood Flyover is one of the first major projects to be constructed for the Chicago Region Environmental and Transportation Efficiency (CREATE) Program. It is already increasing system capacity and improving safety by grade separating the Englewood interlocking, which is among the worst freight rail bottlenecks in the country, and thereby eliminating conflicts between 80 Metra Rock Island District trains and 60 Norfolk Southern freight and Amtrak commuter trains daily. The solution is a 26 span, 2150' long flyover bridge that is a dual structure, with the first structure carrying the two main Metra tracks, and the adjacent structure carrying a future Metra 3rd track. The flyover bridge consists of four segments; the NS crossing, two sets of approach spans, and the Dan Ryan crossing, which spans over 14 lanes of expressway and the CTA Red Line. The project also required new bridges over 67th Street, Wentworth Avenue, 61st Street and 59th Street. This project balanced numerous engineering challenges and opportunities for unique design solutions in an urban environment, all while managing the funding requirements of several public agencies and the differing needs of individual stakeholders. The project was completed without requiring the acquisition of any permanent right-of-way and while keeping all tracks in service. The construction cost for the project is \$133 million, and project completion will be in early 2016

Speakers:

Mr. Santeford is a Senior Structural Engineer and Project Manager with TranSystems in Schaumburg, IL, and is the Project Manager for the CREATE P1 Englewood Flyover Project. Mr. Santeford earned his Bachelor's Degree in Civil Engineering from Southern Illinois University Carbondale and Master's Degree in Structural Engineering from the Illinois Institute of Technology.

Date & Time: February 3rd, 2016

Cocktails at 5:30 pm; Dinner at 6:00 pm
Presentation following dinner

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