

Spring 2009 Seminar Series

CHALLENGES AND INNOVATION IN CIVIL AND ENVIRONMENTAL ENGINEERING



Central Corridor LRT Project Minneapolis/St. Paul

The Role of Consulting Engineers in Two Major Projects: Minneapolis/St. Paul LRT Project and Chicago Dan Ryan Reconstruction Project

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Wednesday, February 4, 2009
129 DeBartolo Hall
4:30pm – 5:45pm

This presentation will discuss the role of consulting engineers in the design and implementation of major infrastructure projects through an overview of two projects:

1. **The \$1 Billion proposed Light Rail Transit system from downtown Minneapolis, through the University of Minnesota, crossing the Mississippi River and ending in downtown St. Paul.** The bridge over the Mississippi River which will carry the light rail is the same type as the ill-fated I-35W bridge. The design process and environmental clearance will be discussed.



2. **The recently completed \$800 million reconstruction of the 45 year old Dan Ryan Expressway in Chicago.** The project included environmental clearance, public outreach, preliminary and final design, and construction services. Characteristics of the reconstruction are: 22 inter-changes, 6 railroad grade separations, 10 miles of retaining wall, and 123 miles of pavement.

I-90/94 Dan Ryan Reconstruction 15th Street to I-57 Interchange

A reception and an opportunity to meet the speaker will take place at 4:00pm in the CE/GEOS office conference room, Fitzpatrick 156, before the seminar