

**JACKSON DRIVE OVER METRA & ILLINOIS CENTRAL RAILROAD
CHICAGO, ILLINOIS**



The federally funded \$11 million Jackson Drive bridge reconstruction / replacement project is a three span steel beam structure on reinforced concrete piers and vaulted abutments. The structure was in poor condition and the following improvements were provided: removal and replacement of viaduct superstructure and bearings, installed new foundations, replaced street lighting and architectural restoration.

The project required extensive coordination with adjacent property owners, railroads, and the Chicago Park District. Sensitive issues included coordination with Metra for work around catenary lines for the South Shore electric transit line, and coordination with the Art Institute to minimize construction staging issues and reduce impacts from construction vibration. During the construction start up phase the design was modified to incorporate seismic type design joints and bearing systems to minimize vibration impacts.

Key construction staging issues including staging for the world renowned Taste of Chicago and other festivals held in Grant Park. The project had critical deadlines for meeting various stages for key deliverables to meet Art Institute and Festival requirements.

Services Provided:

- Project Management
- Agency, Chicago Park District & Utility Coordination
- Material Coordination
- Full Time Resident Engineering
- Seismic / Construction Vibration Monitoring
- Material and Quantity Documentation
- Federal Funding Compliance
- Final Closeout

This project reflects Firm
and Staff experience.