

BASELINE ROAD BRIDGE — ELWOOD, IL 2010



Construction Phase coordination of material testing, layout, structural inspections.



Tight quality control of deck pre-calculated dead load deflection to provide exact rail clearances required by Union Pacific Railroad.

Client: Centerpoint Properties

Rempe-Sharpe acted as structural consultant for the box culverts and grade separation structures constructed within the Centerpoint Intermodal North Baseline Road Bridge project.

Under the review cycle, Rempe-Sharpe provided:

- ◆ Plan review
- ◆ Calculations review
- ◆ Specifications review

During the Construction Phase, Rempe-Sharpe provided Comprehensive Resident Engineering Services including:

- ◆ Inspected placement of precast I-Beams
- ◆ Reviewed all Shop Drawings
- ◆ Inspected pile driving and obtain driving record
- ◆ Monitored embankment fill
- ◆ Inspected reinforcing of footing, pier, abutment, and deck
- ◆ Inspected pours of footing, pier, abutment deck, curb and parapets, and the setting of rails and guard rails
- ◆ Coordinated punch list for the City

Resident Engineering Scope included:

- ◆ Resident full time inspections to insure plan and specifications conformance
- ◆ Oversaw developments of the Contractor's detailed critical path schedule
- ◆ Monitored schedule progress throughout the contract process
- ◆ Evaluated and recommended for approval and process (with ICORS) payment applications through IDOT
- ◆ Chaired and prepared minutes of weekly site progress meetings
- ◆ Evaluated and resolved any Change Orders
- ◆ Coordinated punch list, close-out documentation and As-Builts for the project

REFERENCE::

Dave Bergstrom
FCL Builders
630.327-2510

