CLIENTELE

Class I Railroads

Canadian National Railway Co. Kansas City Southern Railway CSX Transportation Union Pacific Railroad Norfolk Southern Railway Burlington Northern Santa Fe Railway

Regional & Shortline Railroads

Alton & Southern Railway Co. Iowa Interstate Railroad Indiana Rail Road Company Terminal Railroad Association Of St. Louis OmniTRAX And More....

Industries

Ameren-UE Dynegy Buzzi Unicem USA Archer Daniels Midland ExxonMobil Chemical Co. Cargill MFA, Inc. Bunge North America And More....

Government Entities

City of Alton, IL St. Clair County, IL IDOT Bureau of Railroads City of Mexico, MO City of Lee's Summit, MO And More....

Ports

America's Central Port Kaskaskia Regional Port District And More....

HISTORY

Design Nine, Inc. was formed in 1986 by former Missouri Pacific Railroad Engineers as a result of the merger of the Missouri Pacific Railroad with the Union Pacific Railroad and subsequent realignment of personnel. The principals of the firm had worked together in various sections of the engineering department for ten to fifteen years prior to the formation of Design Nine, Inc.

Throughout our history, Design Nine remains specialized in the area of railroad engineering, where we are best qualified. That railroad facilities should be serviceable and economical to build & maintain.



DESIGN NINE, INC

11166 Tesson Ferry Road, Suite 100 St. Louis, MO 63123-6966 Phone: 314-729-7600 Fax: 314-729-7610 Website: www.design9.com



ENGINEERING SERVICES FOR RAILROADS & INDUSTRY



<u>Mission Statement</u> "To focus all energy and capabilities into the area in which best qualified railroad engineering"

SERVICES PROVIDED

It is the mission of Design Nine to offer clients a complete range of railroad related services based on the firm's engineers and their knowledge of applicable AREMA, FRA and state/local regulations.

Railway Bridges

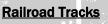
- ٠ Design
- Inspection
- Rating/Analysis
- **Repair Reports**
- **Repair Plans**
- **Deck Plans** ٠

Structural Design

- Foundations
- **Unloading Pits**
- **Retaining Walls**
- **Drainage Structures** ٠
- **Temporary Shoring**

Railway Facilities

- ٠ Intermodal
- Auto Handling
- **Bulk Transfer**
- Yards & Terminals
- **Connections/Junctions**
- ٠
- **(**
 - Coal
 - Grain



- **Feasibility Studies** ٠
- Design & Layout
- **Drawing Design & Development**
- Monitoring Construction
- Capital/Maintenance Programs
- **Inspections for Track** Rehabilitation



Alton & Southern Railroad Hump Yard

Surveying

- **Quantity Measurements/As-Builts**
- Survey Location & Staking of:
 - Track Realignment
 - Derailments
 - Curves
 - Drainage
 - Grade Crossings
 - Bridge Decks



Farmers Elevator Loop Track at Lowder. Illinois

Technical Services

- Track Inspection/Reports of Line ۲ **Condition & Valuation**
- Structural Inspection/Reports
- Project Cost Estimates
- **Computer Aided Design/Drafting**
- Specifications
- **Complete Bid Packages**

Project Services

- **Project Planning** ٠
- **Project Inspection**
- **Quality Control**
- Scheduling
- Estimating
- Budget Tracking ٠



Triple Crown Intermodal Facility

UPRR Auto Facility

- Interlockers Loop Tracks - Ethanol
 - Crude Oil

- **Special Trackwork**