



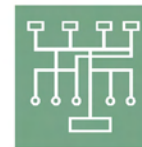
Associates



Engineers



Architects



Systems



Construction  
Managers

## **A. FINKL & SONS STEEL FACILITY BURNSIDE INDUSTRIAL CORRIDOR**

### **NS MAIN LINE RAIL (2) AND SERVICE TRACKS (3) CHICAGO, ILLINOIS**

**A. FINKL & SONS, INC.**

HOH provided Phase I Study and Phase II design for construction of two main tracks (127 # rail) with a 10' service road, and adjacent ditches. The realignment and expansion was to accommodate plant upgrades and building extensions to the A. Finkl and Sons Steel Facility in Chicago, IL. A rail corridor ROW of 66' was established with NS to contain the rail facilities which is planned for the CREATE rail system. Earthwork included over 15,000 cu yd of fill to elevate the profile. The design conformed to all NS design requirements/standards including turnouts, spirals and superelevation.

The track improvement extends nearly a mile from 88<sup>th</sup> street on the north to the Chicago and Western Railroad ROW south of the site. The drainage design follows a 100 year storm event for track ROW, and includes permit coordination with the City of Chicago DOWM. A series of over 10 alternate alignments and profiles were developed during Phase I, requiring construction cost estimates and value engineering to optimize plant and rail improvement costs.

One of the challenges for the project included incorporation of a proposed NS yard at the north end of the site, and transitioning to an existing NS main track diamond crossing at the south end of the project.

