

# R.T. Patterson Company, Inc.

## Engineers and Consultants

### CLIENT

Heartland Steel Inc.  
Terre Haute, IN

### PROJECT

Two Stand Reversing Cold Mill & Single  
Stand Temper Mill



### PROJECT SCOPE

The project provided design construction and engineering installation drawings both electrical, piping and miscellaneous structural for the Heartland Steel Inc. Two Stand Reversing Cold Mill & Single Temper Mill at Terre Haute, Indiana including:

#### Two Stand Reversing Cold Mill

- Pulpit with associated equipment
- Stands 1 and 2 including dynamic shape rolling hydraulic gap control, positive roll bending, negative roll bending and load cells
- Entry, exit x-ray and interstand gauges and electronics
- Control room equipment
- Mill floor equipment

### PROJECT SCOPE (Cont.)

#### Single Stand Temper Mill

- Computer room with associated hardware.
- Single stand including dynamic shape rolling hydraulic gap control, positive roll bending, negative roll bending and load cells
- Exit x-ray and electronics
- Control room
- Mill floor equipment

### RTP SCOPE OF WORK

RTP to provide the facility engineering for the installation of the equipment, including:

- Computer room
- General arrangements
- Electrical, piping, miscellaneous foundation and structural designs
- Project engineering
- Field review
- Engineering scheduling



**Project Value: \$48 Million**