

ThyssenKrupp Steel USA Pickling/Tandem Mill and Continuous Pickling Line



» Description of Project:

Structural engineering design for an all new cold-rolling facility located in Calvert, Alabama. The cold-rolling facility consists of a coupled pickling/tandem mill capable of producing 2.5 million tons of cold strip a year, plus a continuous pickling line with a skin pass mill and a slitting line.

» Scope of Work:

Includes complete design for the following:

- » Structural steel framing for all new mill buildings and coil storage buildings with multiple EOT cranes in each.
- » Foundations for all mill buildings and all equipment including all associated substructures, basements and auxiliary facilities.
- » Over 1000 FT of heavily surcharged tunnels supporting multiple gantry cranes and coil carriers.
- » Facility is supported on over 15,000 auger cast piles.

» Value to Client:

Facility is part of a \$11.8 billion expansion into the North and South American Markets. A 3500 acre carbon and stainless steel processing complex which includes a melt shop, hot strip mill, cold rolling mill, continuous galvanizing line and continuous annealing line with a capacity of producing over 5 million tons of steel per year.

