

Conveyor Systems

CSD has provided structural engineering services for numerous conveyor systems. The services include evaluation of dynamic effects and the design of the support structure.

<p><u>Consteel Conveyor</u></p> <p>Project Type: Conveyor Systems</p> <p>Client: Nucor Steel</p> <p>Location: Darlington, South Carolina</p> <p>Description: 400 ton capacity, 400 ft. long vibrating conveyor. CSD designed the support structure including accounting for dynamic effects.</p>	<p><u>Iron Dynamics</u></p> <p>Project Type: Conveyor Systems</p> <p>Client: Iron Dynamics</p> <p>Location: Butler, Indiana</p> <p>Description: Support framing for iron carbide conveyor with a capacity of 300 metric tons per hour and a coal and limestone conveyor with a capacity of 200 metric tons.</p>	<p><u>GM Saturn Assembly Plant</u></p> <p>Project Type: Transportation Facility</p> <p>Client: Nucor Steel</p> <p>Location: Spring Hill, Tennessee</p> <p>Description: Support framing for the assembly line conveyor. CSD designed the hangar support system and coordinated the loads with the building design.</p>
<p><u>Dade County Resource Recovery Plant</u></p> <p>Project Type: Conveyor Systems</p> <p>Location: Miami, Florida</p> <p>Description: Numerous conveyors for a complete refuse recycling plant. CSD designed the support structure for the conveyor system.</p>	<p><u>Consteel Conveyor</u></p> <p>Project Type: Conveyor Systems</p> <p>Client: Nucor Steel</p> <p>Location: Hertford County, South Carolina</p> <p>Description: 200 tons per hour vibrating conveyor. CSD designed the support structure including accounting for dynamic effects.</p>	<p><u>Rapid City Resource Recovery Plant</u></p> <p>Project Type: Conveyor Systems</p> <p>Location: Rapid City, South Dakota</p> <p>Description: Numerous conveyors for a complete refuse recycling plant. CSD designed the support structure for the conveyor system.</p>

