

# ARCHITECTURAL COMMERCIAL INDUSTRIAL CIVIL



CONSTRUCTION SOLUTIONS



# NO PROJECT IS TOO BIG OR TOO SMALL FOR OUR TEAM



## CERTIFICATION

- AISC Building Fabricator (BU)
- AISC Bridge & Highway Components (CPT)
- AISC Bridge Fabricator – Advanced (ABR)
- AISC Fracture Critical Endorsement – (FCE)
- AISC Special Paint Endorsement – Enclosed (P1)
- Designed & Fabricated to applicable AASHTO/ASTM Standards
- City of Los Angeles Certified Fabricator
- WABO (Washington Area Building Officials) Certified Fabricator
- CWB (Canadian Welding Bureau) Certified Fabricator
- AWS (American Welding Society) Certified Welding Fabricator



# SERVICES & CAPABILITIES

Over the past 75 years, TrueNorth Steel has gained a national reputation for delivering quality products and customer satisfaction. We specialize in greenfield and retrofit projects.

800,000 square feet under roof production for structural and miscellaneous fabrication

Diverse Locations Across the Midwest, Southwest, and Rocky Mountains

Capacity 45,000+ tons of steel annually

3-D drafting software TEKLA Structures & SDS/2

TEKLA EPM

Mobile cranes – unlimited capacity

Up to 80 ton overhead crane capacity

Automated CNC equipment:

- Robotic Welder
- Multi-access scribing/layout processing centers
- Beam punch, Drill lines, and Angle lines
- CNC Plasma and plate processing centers

Blasting and coating booths

Sub-arc welding equipment

Plate and angle shears, brakes, and rollers

Inbound and outbound rail spur access

## DRAFTING SERVICES

We have an experienced drafting team at each of our locations. Our drafters use the latest technology in 3-D modeling software, Tekla Structures, and SDS2.

In-house document control personnel ensure critical project documents are tracked accurately.

We have trusted subcontractor partners that can add capacity to support demanding project schedules when required.

## PRECONSTRUCTION DESIGN ASSIST

Our job doesn't end when the steel is fabricated and delivered. We work closely with our customers and sub-contractors during project pre-construction phases to ensure proper and safe steel construction.

With in-house structural engineers and strong partnerships with outside engineering firms, TrueNorth Steel provides a variety of engineering services including connection and member design to steel erection constructability plans for all types of projects.

## ERECTOR SERVICES

TrueNorth Steel has forged strong relationships with respected nationwide steel erectors allowing us to deliver a complete structural steel package for any project.

Our qualified partners have extensive project experience and knowledge to help streamline the most unique projects while keeping safety and quality a top priority.

## PROJECT MANAGEMENT

Our project management team handles all aspects of your project – from scheduling and production updates to contract administration and project coordination. Through the use of TEKLA EPM real time reporting, we ensure a smooth-running project and a positive experience for all stakeholders.

We set ourselves apart by always providing you a responsive, direct line of communication with our team.

## ON-TIME DELIVERY

It has to be on time and at TrueNorth Steel, we've built our business on meeting and beating our customers' deadlines.

We offer complete Logistics services for all of our projects including permitting, pilot cars, packaging, and route planning. Our logistics team coordinates all trucking requirements regardless of complexity. Owning our fleet of trucks, puts us in control of your project delivery from start to finish.

## MORE THAN MATERIALS

Our integrated team of pre-construction, project managers, construction development, drafters, and production staff work closely with our clients to provide the most comprehensive solutions and services.

We combine our client's vision with our experience to ensure projects are executed flawlessly from concept to completion.



# ARCHITECTURAL



ANAHEIM REGIONAL TRANSPORTATION INTERMODAL CENTER

## STEEL IN MODERN ARCHITECTURE

Steel has long been the preferred material for architectural framework, but when it's recognized for its innate beauty as well as its structural integrity, the results can be awe-inspiring. Revered architects have challenged the idea of using steel merely to construct a building's skeleton and have instead created innovative and surprisingly fluid structures that allow the material to take center stage. What's more, many modern architects are experimenting with the aesthetics of steel, from cultivating rust for an aged patina to polishing for a high shine to bronzing for a warmer finish.

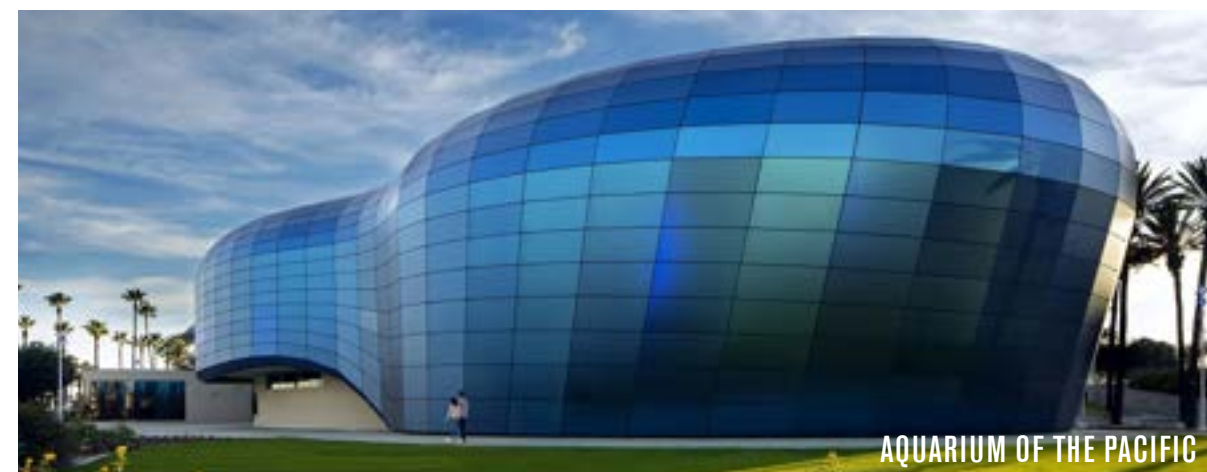
Our team has experience working on all facets of structural steel manufacturing and fabrication, from pre-construction to installation. We have worked on hundreds of high profile projects in commercial, industrial, and civil applications to make your architectural vision a reality out of structural steel.

At TrueNorth Steel, we work closely with the construction team, combining their vision with our experience to ensure building projects are designed, fabricated and built to specifications, on time and as efficiently as possible. We visualize each project's use of structural steel from both an architectural and structural engineering perspective, with an emphasis on:

- Applications and uses of innovative design and construction methods
- Aesthetic and visual impact of the project
- Innovative use of architecturally exposed structural steel
- Technical or architectural advances in the use of the steel
- Sustainability, Green Initiatives



SAN JOSE INTERNATIONAL AIRPORT



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# ARCHITECTURAL



# COMMERCIAL

## MEDICAL | RETAIL | OFFICE | MULTI USE | MANUFACTURING

**PRECONSTRUCTION:** Our team will be involved in the design phases of the project to offer solutions and value-added recommendations that complement the best interest of the project team and finished project.

**NEW | REMODEL | EXPANSION:** No matter the current state of the construction site, we take into consideration the challenges of working in existing conditions and the close communications that are required to support and protect the project stakeholders.

**JUST IN TIME DELIVERY:** Your time is money! We have strong experience working in a variety of construction environments where preconstruction planning and sequencing is critical to the safety and schedule of the project team.

Regardless of the scope of work or the scale of the project, fabricating and constructing any steel structure requires extensive knowledge and insight. At TrueNorth Steel, our dedicated team of Estimators, Project Managers, Detailers, and Production Staff work closely with our clients to provide support from concept to completion. We work closely with our clients combining their vision with our experience to ensure projects are designed, fabricated, and built to specifications.

The bottom line: with a value system that encourages forward thinking, innovative ideas, flawless execution, a passion for honesty, unwavering ethics and real teamwork, we work hard to fulfill your every expectation.



COMMERCIAL



# INDUSTRIAL



CHS LAUREL REFINERY

## INDUSTRIAL STRUCTURAL STEEL

**GREEN FIELD PROJECTS:** For new industrial infrastructure projects or developments on the unused lands requiring no need to remodel or demolish an existing structure, trust us to partner in your vision.

**PLANT SHUTDOWN | UPGRADES:** We understand temporary shutdowns and upgrades are necessity and are often time sensitive. Our Team will work closely with your Design and Construction Teams to provide solutions in an expedited manner to protect your equity.

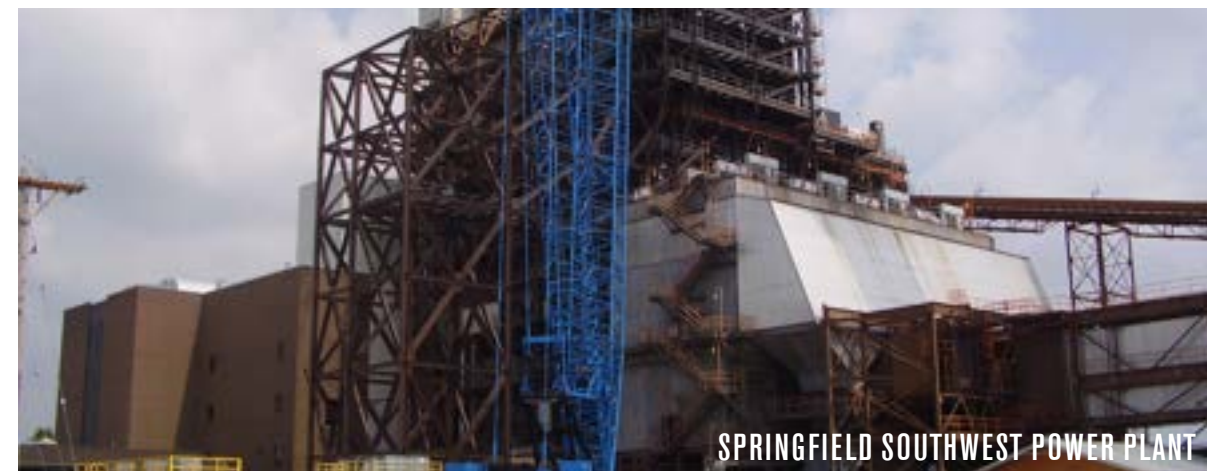
**CRITICAL PATH:** Understanding the critical path of the project allows our team to eliminate downtime of all trades and to stick to a schedule which directly impacts the ability to complete the project on time.

## INDUSTRIAL PLATE

**INDUSTRIAL DUCTWORK:** There is no size too big or too small that our team won't design and fabricate for your project. We work with all types (round, square, transitional) of ductwork in all industries, to suit your specific needs.

**BINS | HOPPERS | STACKS:** TrueNorth Steel has the capability to roll and fabricate steel necessary for manufacturing nearly any shape, size or configuration of stacks, bins, and hoppers.

**INDUSTRIES SERVED:** Our Industrial Plate team is experienced in serving a variety of industries not limited to mining, power generation, agriculture, and processing. In every environment we thrive from design to fabrication of the project.



SPRINGFIELD SOUTHWEST POWER PLANT



AMERICAN CRYSTAL SUGAR - LIME KILN

# INDUSTRIAL



# CIVIL



## FULL SPECTRUM SUPPLIER OF STEEL BRIDGES

TrueNorth Steel produces and supplies welded steel plate girders, short span rolled steel beam modular vehicular bridges as well as steel truss pedestrian bridges. This makes TrueNorth Steel a full spectrum supplier of steel bridges from 20' span to 200' span and more. Our welded plate girder fabrication facilities utilize state of the art equipment to manufacture girders from 30" to 174" Deep | Curved or Straight | Parallel Flange or Variable Depth | Continuous and Simple Girder Bridges for DOT Applications.

We use the latest 3-D Modeling software available to collaborate and create fabrication drawings to ensure that bridge builders have the information necessary to install girders with ease.

## QUALITY AND CERTIFICATIONS

Quality fabrication is key to an efficient bridge installation and our facilities hold certifications from the American Institute of Steel Construction: Simple to Advanced Bridge Fabrication | Fracture Critical Fabrication | Sophisticated Paint Endorsement.

TrueNorth Steel maintains a robust Quality Management System and highly experienced quality control personnel who ensure our welded steel plate girder bridge components meet the highest standards and all project requirements. Quality control processes follow the strictest Department of Transportation guidelines and we maintain a system of checks and cross-checks learned through years of fabricating and delivering quality bridges.





# CUSTOM FABRICATION



## TRUESTAIR™

Our TrueStair system is a standardized design developed specifically to reduce the time required for all project team members that interact with the stair product. TrueStair is suitable for both remodels and new construction projects. TrueStair specifications and details are available for download. Additionally, TrueNorth Steel representatives are available to help with your design, ensuring a trouble free experience.

TrueStair can be pre-engineered, allowing for assembly in an expeditious manner. TrueStair can be preassembled in flight modules or fit up to any bolt-on rail systems supplied by TrueNorth Steel. Architects and contractors now have the ability to configure a labor and time efficient stair system that is cost effective when compared to conventional stair designs.



## TRUERAIL®

The TrueRail system provides complete flexibility and control to create elaborate and aesthetically appealing railings. TrueRail can be used with most existing or new steel rail concepts.

When looking for the ultimate in custom design flexibility, TrueRail sections offer a retrofit solution to existing rail systems, while being cost effective, reducing installation time, and code compliant.



CUSTOM FAB



# MISCELLANEOUS STEEL

## OUR LIMITLESS OFFERINGS

At TrueNorth Steel, we bring over 75 years of experience to our custom steel designs and fabricated products. Our ability to fabricate complex and intricate steel products is unsurpassed. These products offer aesthetically pleasing, functional, and economical solutions to meet and exceed your requirements.

TrueNorth Steel manufactures a wide range of miscellaneous metals to complement and complete your project. Our team has fabricated stunning grand and spiral staircases for high profile public and private projects.

- Commercial and Industrial Stairs
- Grand Stairs
- Spiral Stairs
- Commercial and Industrial Rails
- Cable Rail
- Ladders
- Platforms
- Trash Enclosures
- Gates
- Catwalks
- Canopies
- Sun Screens



BERKELEY CENTER STREET GARAGE

# MISC STEEL



# PROVIDING HIGH QUALITY CONSTRUCTION SOLUTIONS SINCE 1945

TrueNorth Steel is located **across the Midwest, Southwest, and Rocky Mountains**, with more than **800,000** square feet of under roof fabrication space. Our unparalleled **work ethic** coupled with our decades of **experience** in various markets make us the true **structural steel solutions provider** for your projects.

Our steel can be found across the **United States** and **Canada**, and is used in multiple applications including **Architectural, Commercial, Industrial, Civil, Agriculture, Mining, as well as Energy Markets**.

## SAFETY

- Continuously improving safety in our workplace takes precedent
- Safety Manager at all locations play an active role in demonstrating our top priority
- Safety system includes daily, weekly, and quarterly employee training
- Investing in updated equipment, education, and audits

## QUALITY

- Our fabrication facilities are AISC certified
- Quality manual is audited on an annual basis
- Training is routinely conducted by the quality manager located at each site
- Steel structures are produced in controlled environment facilities
- Equipment is continually updated and maintained assuring accurate fabrication

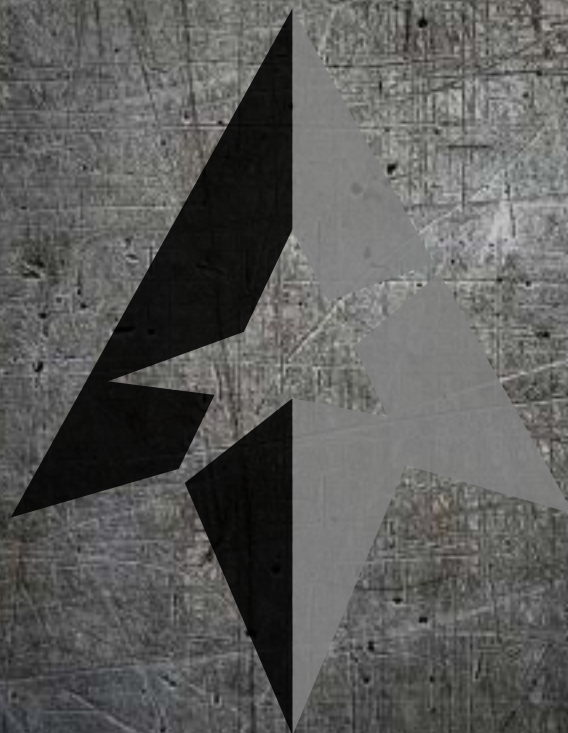
## SUSTAINABILITY

- Steel is the ultimate green and environmentally sustainable construction material
- Structural steel is, on average, comprised of 93% recycled steel
- U.S. steel industry has reduced greenhouse gas and overall emissions by 36% and increased the water recycling rate of steel production to 95%
- End of life recycled steel content for structural steel is up to 98%
- Corporate sustainability means we create long-term stakeholder value through ethical, social, environmental, and cultural business practice
- Comprehensive project management by highly experienced team members assures delivery of your project on time, every time





# STRUCTURAL SOLUTIONS



AISC  
CERTIFIED  
FABRICATOR



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NORTH DAKOTA | SOUTH DAKOTA | MINNESOTA | MONTANA | WYOMING | TEXAS