

TWO STREAM LOAD CROSSINGS

BEAR CANYON Proposal (C)



4401 Main Avenue
Fargo, ND 58103
Phone: (866) 982-9511
Fax: (701) 282-2345

5405 Momont Road
Missoula, MT 59808
Phone: (406) 532-7103
Fax: (406) 542-1941

Project Name: San Gabriel Mountians
City, State: San Gabriel Mountians, CA

Date: 9/8/2021 *Quotation is valid for 30 days*

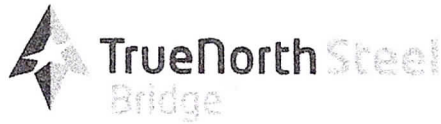
TrueNorth Steel Territory Manager: Cory Claussen
Cell: 406-370-2548
Email: cory.claussen@truenorthsteel.com

Estimate Prepared By: Cory Claussen

(2) 16 x 40 HL93 Prefabricated Modular Steel Bridges

QTY	SIZE	DESCRIPTION	PRICE
2	16 X 40	<u>ITEM 1- VEHICLE BRIDGE</u> 2 modules each for bolt-together field installation Design Load HL-93 16 Feet Travel Way - inside of guardrail to inside of guardrail 40 Feet Travel Length - end to end of girder TO INCLUDE: <ul style="list-style-type: none">• Structural Support Beams – A588 weathering steel, mill-rolled W-Beam• Bearing Plates, Leveling Pads, and Anchor Plates for up to an Elevation Rise of 1.5%• Rail – Galvanized W-Beam• Bridge Deck Surface – Galvanized, 12"x4-1/4" roll or press break formed panels Configured to accept gravel, timber, or asphalt wearing surface• Hardware - Weathering steel splice bolts (if required) and bearing assemblies (excludes anchor bolts)• Design drawings stamped by a CA Professional Engineer <small>* Price does not include embedded anchor bolts for pre-cast or poured in place concrete. * TrueNorth Steel will design the anchor bolts for sheer and tension of the bolt only for lateral and uplift forces. Embedment and foundation checks by the foundation engineer of record. Any request for TNS to perform checks will be at the cost of the contractor. * Hardware bolts and fasteners may include foreign/import content. It is TrueNorth Steel's intent to maximize domestic sourcing of raw materials and hardware when available.</small>	\$96,800
2	Set 18X42X16'	<u>ITEM 2- TRUENORTH STEEL SUPERSILL ABUTMENTS</u>	\$8,300

OPTIONAL



Pre-Fabricated Steel, Perched Abutment
Requires minimum #/sq.ft. soil-bearing capacity
Abutment filled with concrete by customer

2 Set 24'

ITEM 3- TRUENORTH STEEL BACKWALLS

\$5,806

OPTIONAL

A500Grade B steel square tube frame with sloped ends
Galvanized corrugated steel backing with Corothane epoxy
Bolts to modular bridge sidedams for approach buffering
Extends 4 feet beyond each side of bridge

Delivery

FREIGHT- FOB jobsite

Included in Bridge
ONE LOAD EA. Bridge

Includes delivery of all components listed above - unloading/installation by others

All schedules and shipping sequences will be mutually agreed
upon by customer and TrueNorth Steel

SPECIFIC EXCLUSIONS

Calculations (unless otherwise noted specifically in quote); Third-party inspection of bridge during fabrication; Design, excavation and construction of bridge abutments; Unloading and assembly of bridge at the project site; Site surveys, permitting or geotechnical evaluations; Supply and placement of reinforced concrete deck (if applicable); Anchor bolt design, supply and installation (unless otherwise specifically noted in quote); Any storage fees (unless otherwise noted specifically in quote); Any freight costs (unless noted specifically in quote); **Any Federal, State, County, or Local Sales Tax.**

STANDARDS

*Certified Bridge Fabricator - Simple, Intermediate (Major)
Fracture Critical Endorsement
Sophisticated Paint Endorsement
Standard for Steel Building Structures
Designed according to AASHTO LRFD Bridge Design Specifications*

TRUENORTH STEEL, INC. - TERMS AND CONDITIONS

1. ACCEPTANCE. The following terms and conditions are attached to and incorporated in the quotation. ACCEPTANCE OF THE OFFER REPRESENTED BY THIS QUOTATION IS EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS HEREOF. NO TERMS ADDITIONAL TO OR DIFFERENT FROM THOSE IN THIS OFFER ARE BINDING ON THE SELLER.

2. TERMS. Seller's quotation is firm for thirty (30) calendar days from the date of the quote, unless otherwise stated on the quote. TrueNorth Steel reserves the right to review and revise pricing based upon steel market conditions. Unless otherwise agreed to in writing by the Seller, the Buyer hereby agrees to take delivery of the materials on this order within the later of thirty (30) days after the mutually agreed upon delivery date or within thirty (30) days after notification, oral or written, that the materials are ready for shipment. In the event that the Buyer does not arrange to take delivery of the materials within thirty (30) days of the mutually agreed upon delivery date, seller may invoice the Buyer for the materials less freight if applicable and payment is required within thirty (30) days. As an option to Buyer the material may be stored in Seller's yard for a period not to exceed sixty (60) days from the date of invoice and Seller will charge Buyer a storage fee not to exceed 5% of the purchase price per month. Materials stored at Seller's yard in excess of (60) days will be subject to a storage fee of 10% of the purchase price and may be subject to additional charges related to any repair work to protective coatings harmed by weathering while such material is being stored.

3. CHANGES. Any requests to change or modify this quotation requires a **WRITTEN REQUEST from Buyer to Seller**. If quantities, design parameters or design layouts change from those detailed on the original quote, the original quote may be deemed invalid and Buyer must request a new quote reflecting actual conditions. Previous delivery schedules and commitments may be altered as a result of changes.

Subject: Two 16' x 40' Prefabricated modular steel bridges

From: Cory Claussen <Cory.Claussen@TrueNorthSteel.com>

To: richard@4000ft.com <richard@4000ft.com>

Date: Thursday, 09/09/2021 10:41 AM

4 [San Gabriel Mountains Two 16 x 40 HL93 Prefabricated Modular Steel Bridges.pdf](#) 252 KB, [TNS-modular-attachments: bridges.pdf](#) 11 MB, [SuperSill2020Spread.pdf](#) 4 MB, [Bridge-Live-Load-Guide.pdf](#) 457 KB

Thanks Richard for the photos. They help me understand better what you are working with. Please review our attached estimate for two 16' x 40' HL93 prefabricated bridge structures. Although we discussed our bridge structures over the phone, please allow me to review our bridge product and approach.

- Bridge structures are prefabricated and will show up onsite in two 8'-3" x 40' sections or modules. Each module will weigh approximately 15,000 lbs. each. A small crane or excavators can set these modules. Shop installed lifting eyes are included to facilitate safe and efficient installation
- Our bridge structures are Pre-engineered and stamped by a CA. P.E.
- Very low maintenance. Structural components are A588 Weathering steel and our corrugated deck is galvanized
- Our galvanized corrugated deck will accept gravel, asphalt, wood or concrete-for a finished wearing surface
- Shop installed W-beam guide rail included
- We can support you with standard drawings reflecting a similar bridge for permitting purposes
- I have included in our estimate optional prefabricated abutment system-SuperSill®. SuperSills® are a super simple abutment system, if your soil bearing is conducive for a perched abutment or a spread footing. (Typically a geotechnical analysis is required, unless you are constructing your abutment system on rock)
- Optional steel back walls are also reflected as an option in our estimate. Our prefabricated steel backwalls simply bolt on each side of the bridge and protect the end of the bridge structure. Prefabricated backwalls extend 4'-0" on each side and provides a stable area to construct your road approaches
- We will work with you and your contractor to ensure a successful installation. Typically a good "dirt" contractor can install our bridges. You do not need a bridge contractor.

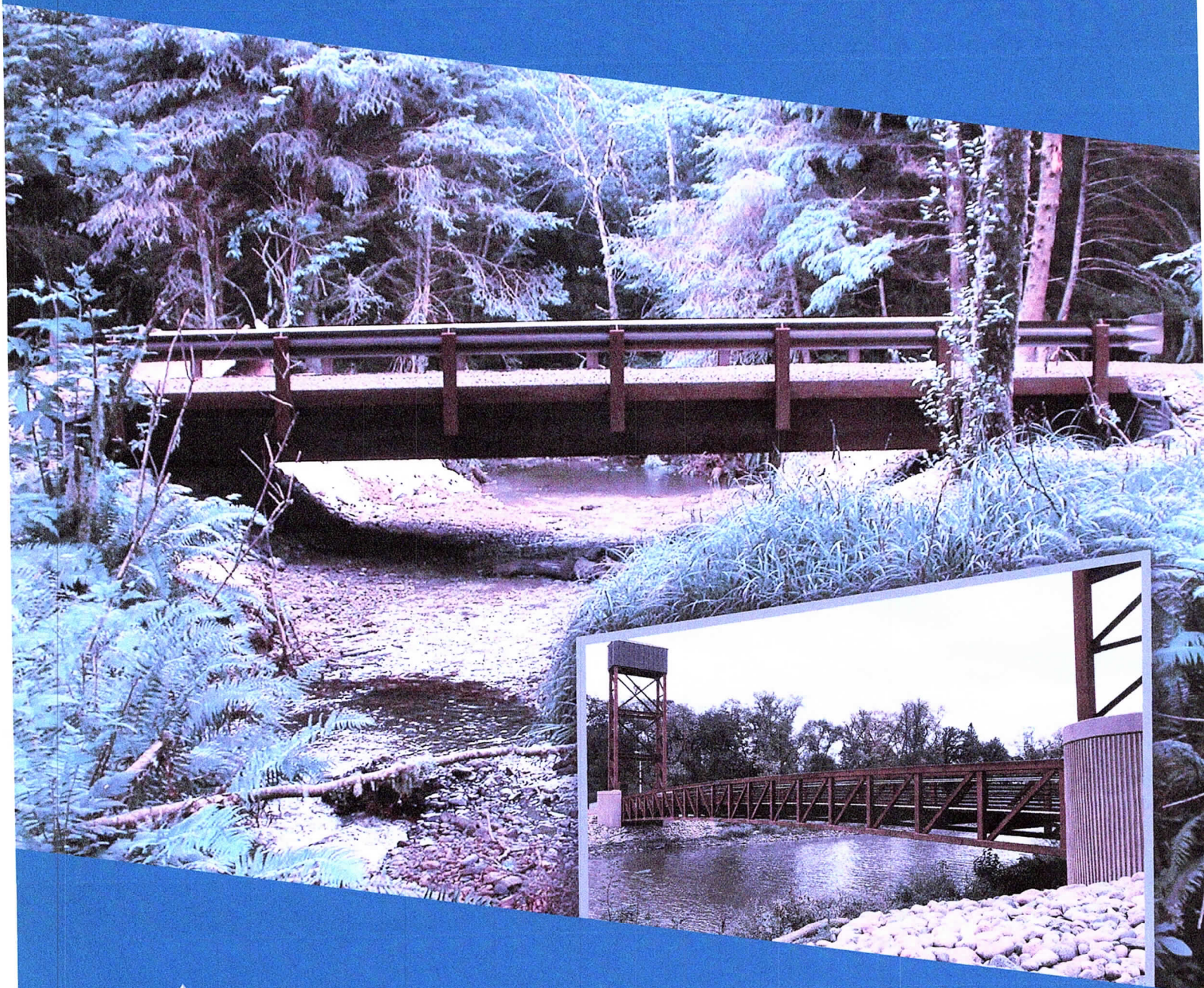
I have also attached the following information for your review:

- Standard Modular Steel Bridge Brochure
- SuperSill® abutment system
- Bridge live load guide HL93 Loading information

Please review the following photos of installations similar projects:

Modular Bridges

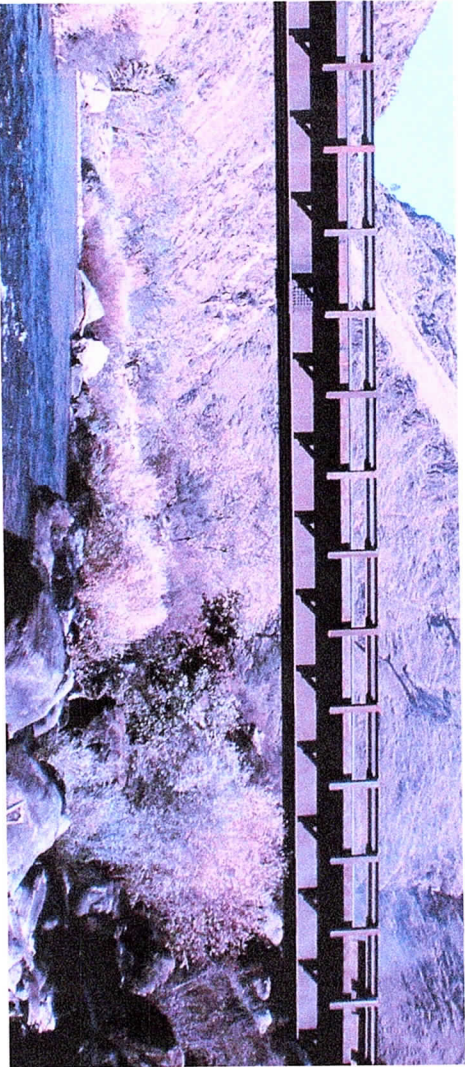
Pedestrian and Vehicular



TrueNorth Steel
Bridge™

Steel

business since 1945, and that commitment and experience has shaped our
nate, trusted and knowledgeable pedestrian and vehicular bridge providers in
ng a trail bridge for a park or replacing an 80-foot county vehicular bridge,
to every project. Our products are pre-engineered/pre-fabricated, modular,
eel construction, offering fast installation, low maintenance and affordability.



WHERE YOU'LL FIND OUR BRIDGES

th each customer
ons but exceed
as well as rapid and
top priorities, and

COUNTY ROADS

FISH ENHANCEMENT AREAS

GOLF COURSES

COMMERCIAL AND RESIDENTIAL DEVELOPMENT

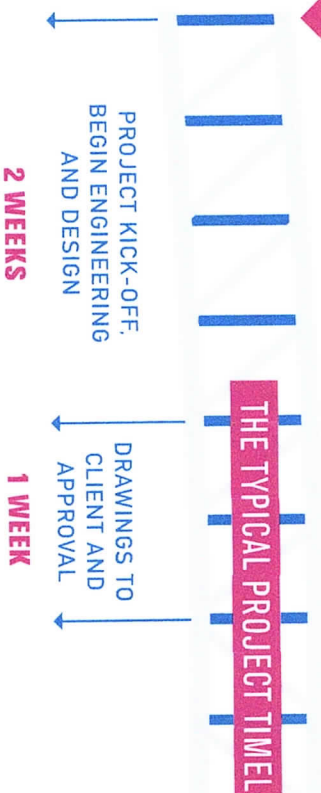
PRIVATE PROPERTIES

TRAIL SYSTEMS

LIVERY,

CONSULTATION TO INSTALLATION IN AS

ORDER RECEIVED



FULL SPECTRUM SERVICES

Quality from Start to Finish

We work with local engineers and contractor partners throughout the U.S. to provide fast and cost-effective installations. From the first conversations to the last bolt placement, TrueNorth Steel provides the guidance and support to ensure your bridge project is a success. We'll handle:

- Bridge design stamped by a professional engineer
- Engineering counsel
- Abutment design
- Pre-construction meeting
- Delivery/logistics

Certifications

We don't just talk about quality, we train in it and certify to it, so every bridge comes with peace of mind. AISI-certified manufacturing facilities ensure the highest quality construction and fabrication.

Manufacturing

- AISI-Cert Fabricator



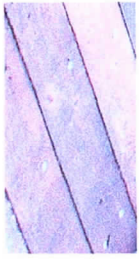
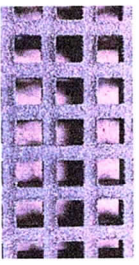
- Fracture C
- the most st
- Sophisticat
- Designed &
- AASHTO/H
- AWS Certi





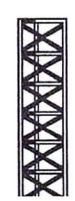
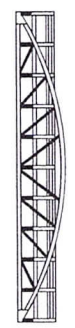
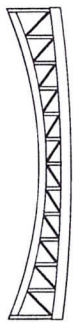
- **CLEAR**
 - **ANY LO**
 - **LOW-M**
- Weathering

DECKS



FIBER REINFORCED POLYMER CONCRETE HARDWOODS SOFTWOODS

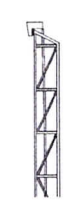
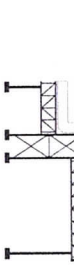
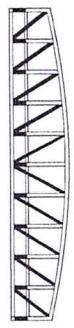
BRIDGE STYLES



ARCH TRUSS

BOWSTRING

BROWN TRUSS



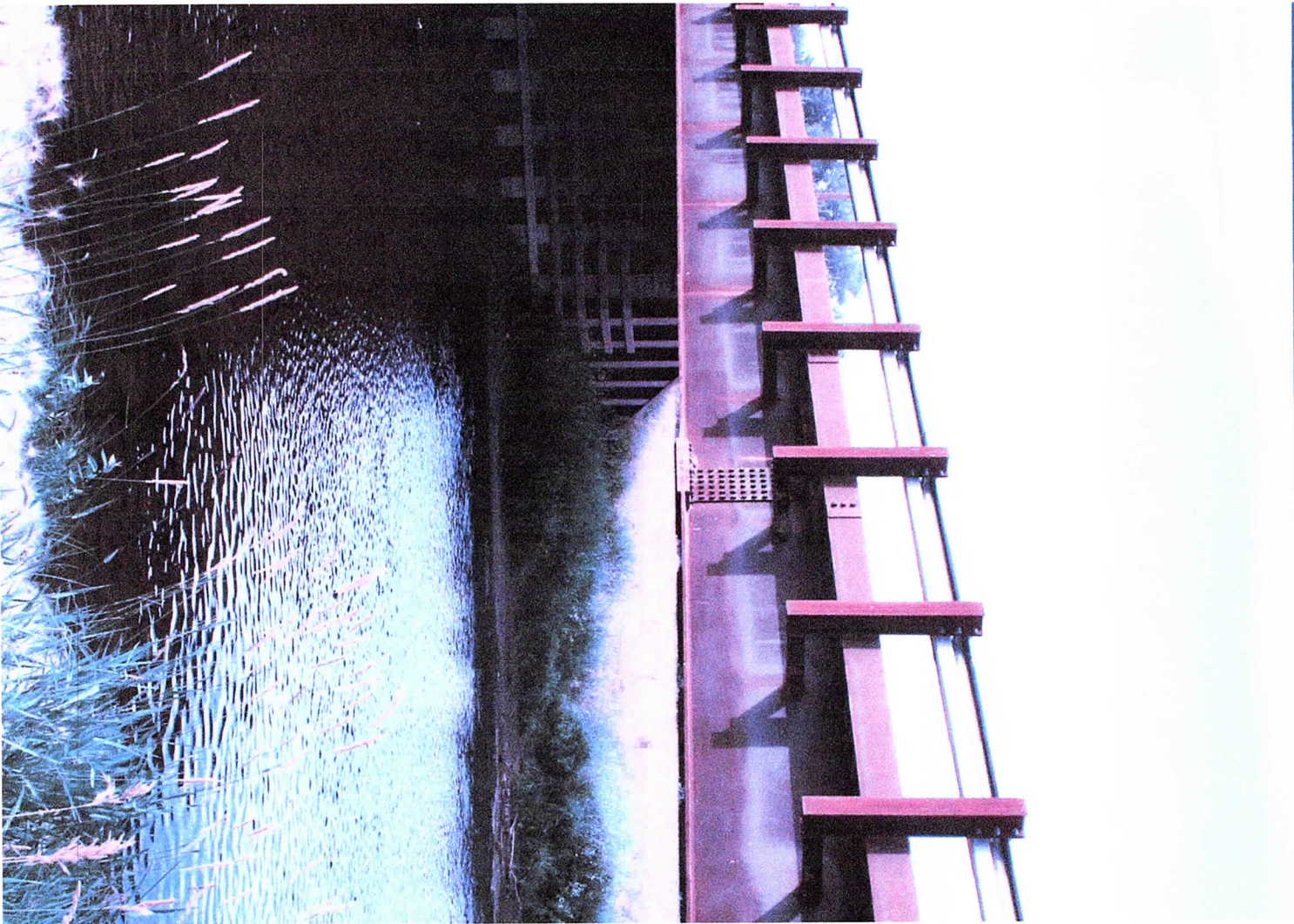
MODIFIED BOWSTRING

PIPELINE SUPPORT

PRATT TRUSS

OPTIONS





COUNTY ROADS

PUBLIC WORKS, GOVERNMENT
& MUNICIPALITY PROJECTS

STATE AND NATIONAL PARKS

TIMBER DEVELOPMENT LOCATIONS

ENERGY, MINING, INDUSTRIAL

Our bridges can accommodate asphalt, concrete, gravel or treated timber driving surfaces. Prefabricated steel back walls, pre-engineered SuperSill® abutments, and abutment design services ensure a smooth transition from our products to existing roadway materials, simplifying installation and reducing cost.

- **VIRTUAL**
- **CLEAR** : Install up to
- **MULTI** from highway
- **LOW-M**, Weathering
- **DESIGN** State & local
- **HEAVY-** Galvanized
- **GUARD** Rated for

BRIDGE STYLES

Multiple guard rail options available, including weathering steel & galvanized.



ARCH TRUSS



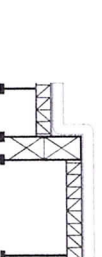
BEAM STRINGER



BOWSTRING



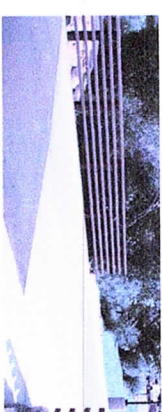
MODIFIED BOWSTRING

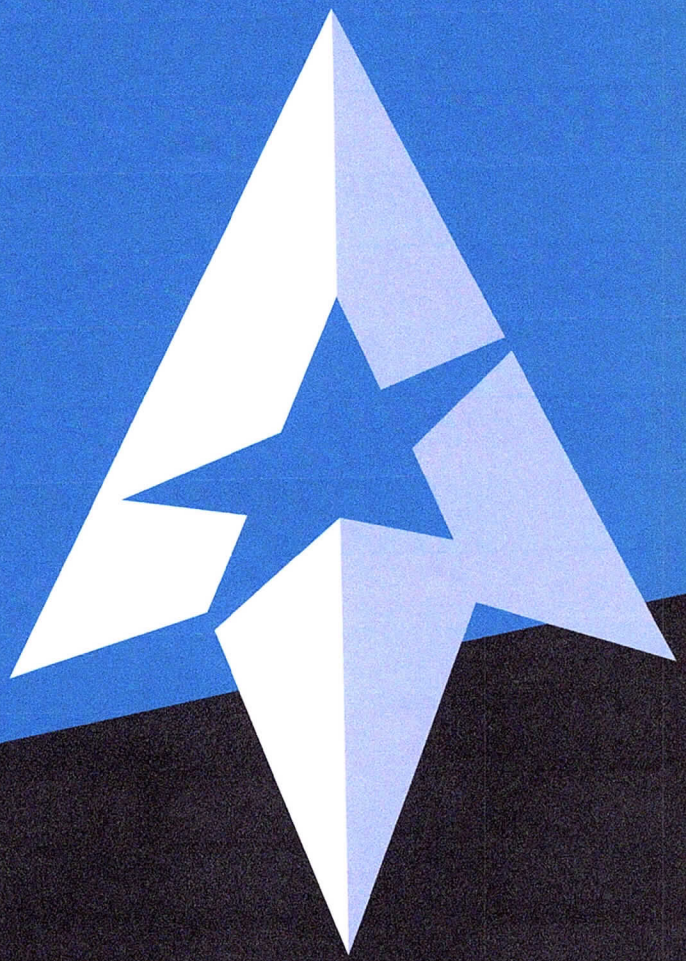


PIPELINE SUPPORT

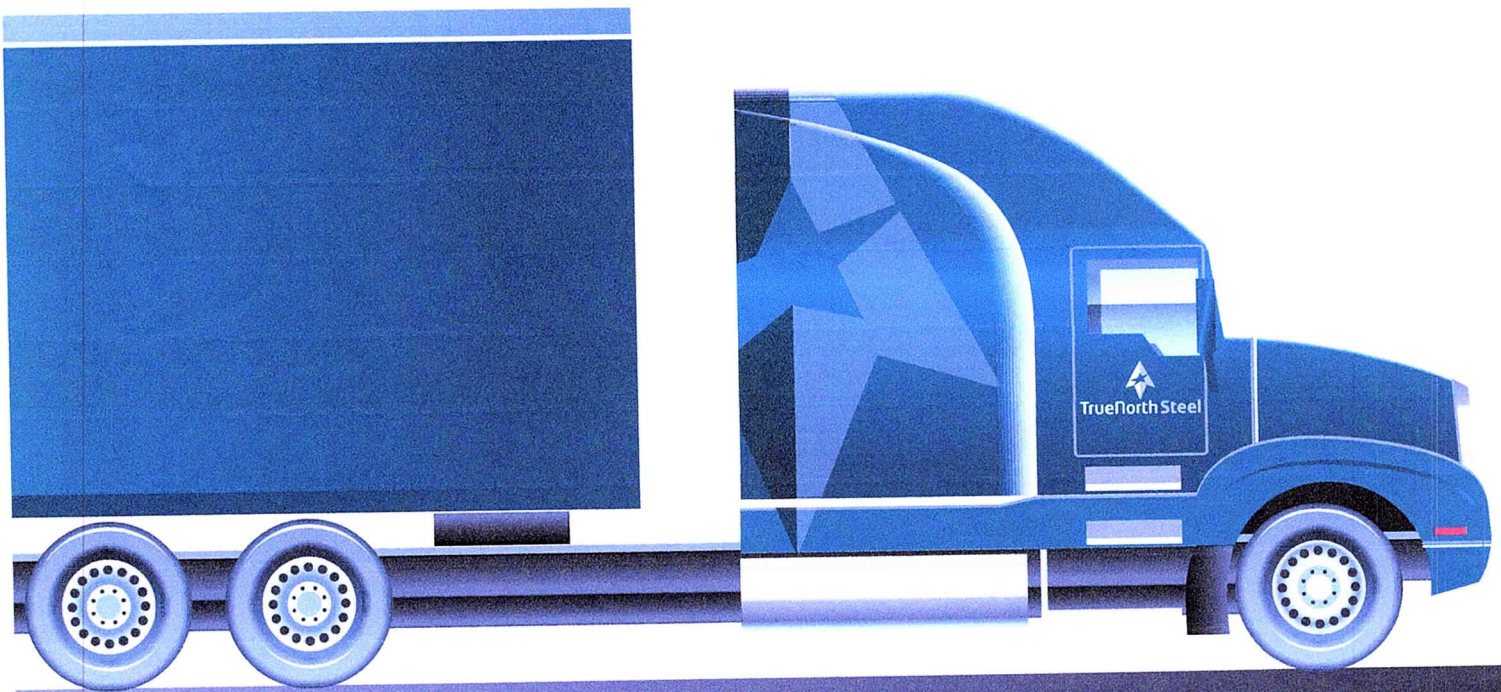


PRATT TRUSS

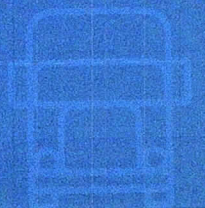




Bridge Live Load Guide



TrueNorth Steel®
Bridge



TRUENORTH STEEL BRIDGE LIVE LOAD GUIDE

TrueNorth Steel has provided this basic guide to AASHTO (American Association of State Highway and Transportation Officials) Bridge Live Loads to assist with understanding the different loading conditions created by different truck configurations. For more complete guidance refer to AASHTO LRFD (Load and Resistance Factor Design) Bridge Design Specifications.

H20, HS20, H25, HS25 – AASHTO Standard Specification for Highway Bridges

An “H” series truck designates a two-axle truck, while an “HS” series truck is comprised of multiple loaded axles (i.e. a semi-trailer vehicle). See diagrams. The number following the “H” is the gross tonnage of the design vehicle. To determine the total tonnage of the “HS” vehicle you will have to add one additional trailer axle load.

An “H20” or an “HS20” series truck features an 8,000-pound axle load for the drive axle and a 32,000-pound axle load for the axle(s) under the trailer. The only difference in these two vehicles is that the “HS20” truck has an additional 32,000-pound axle located under the trailer, which is separated by a minimum distance of 14’ – for a total load of 72,000 pounds. An “H20” truck only has one axle under the trailer and a total load of 40,000 pounds.

An “H25” or an “HS25” series truck will be almost identical – except the drive axle will be 10,000 pounds and the axle(s) under the trailer will be 40,000 pounds each.

HL-93 - Design Vehicular loading per the AASHTO LRFD Bridge Design Specifications.

AASHTO introduced a new design vehicle in 1993 with its updated AASHTO LRFD Specifications. HL-93 live loading was established as part of the new LRFD methodology. This live load case is broken down in AASHTO LRFD Section 3.6.1.2 which states:

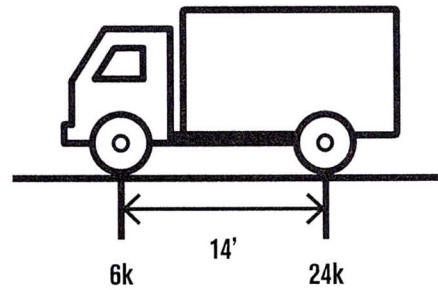
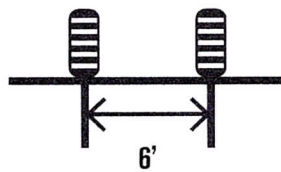
Vehicular live loading on the roadways of bridges or incidental structures, designated HL-93, shall consist of a combination of the:

- Design truck (HS20) or design tandem, and
- Design lane load (0.64 KLF uniformly distributed in the longitudinal direction)

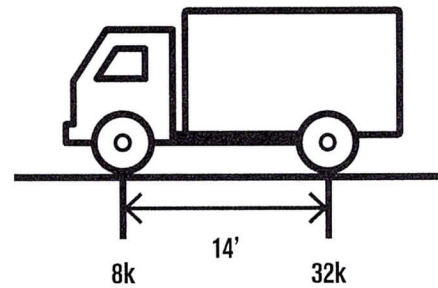
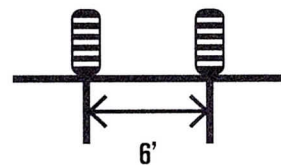
The result is that there are two live loads that should be checked. HL-93 loading is representative of the worst case between these two loading scenarios.

1. The “design truck” is the same as the HS20 truck from the previous version of AASHTO (described above). The HS20 vehicle is shown in the figure on the next page.
2. The design tandem load shall consist of a pair of 25-kip axles spaced 4 feet apart.
3. Lane loading consists of a uniform load placed longitudinally combined with either the truck or tandem load located on the span to produce the most critical situation in the structure. The lane load is 0.64 kips per linear foot longitudinally and it is distributed uniformly over a 10 foot width in the transverse direction.

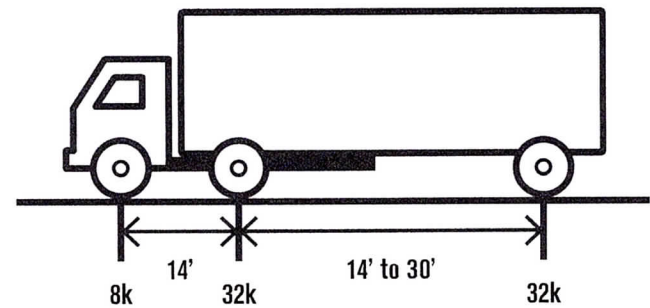
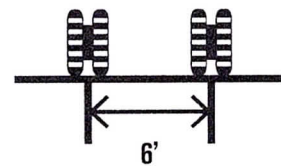
H15-44
GVW 15 TONS



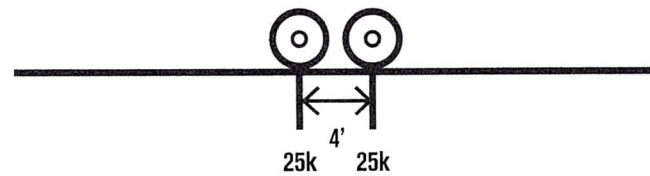
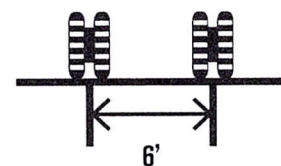
H20-44
GVW 20 TONS



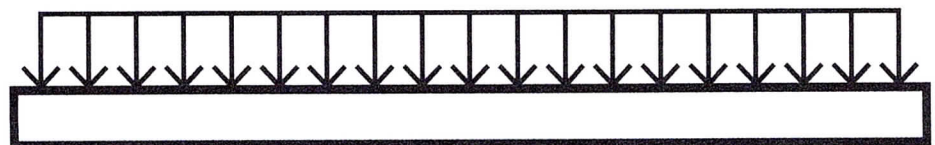
HL93
DESIGN
TRUCK



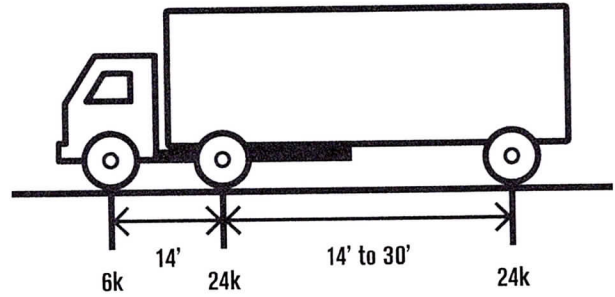
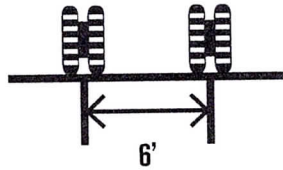
HL93
DESIGN
TANDEM



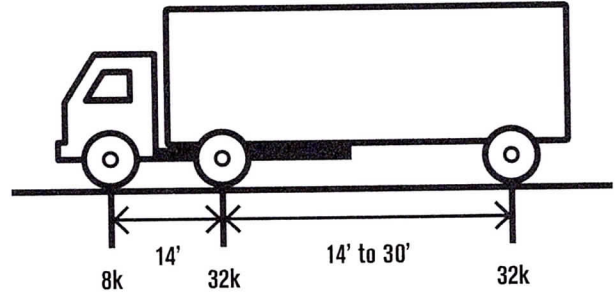
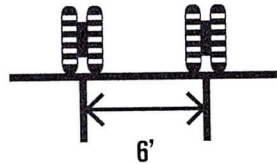
UNIFORM LOAD
OF 640 LBS. PER
LINEAR FOOT



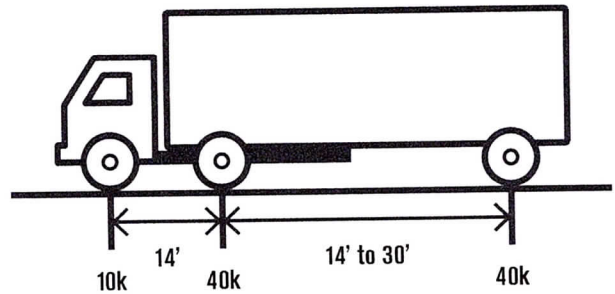
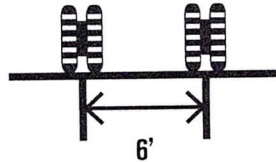
HS15-44
GVW 27 TONS



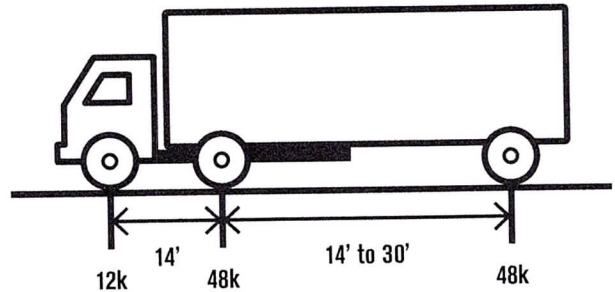
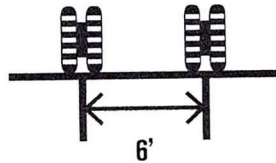
HS20-44
GVW 36 TONS



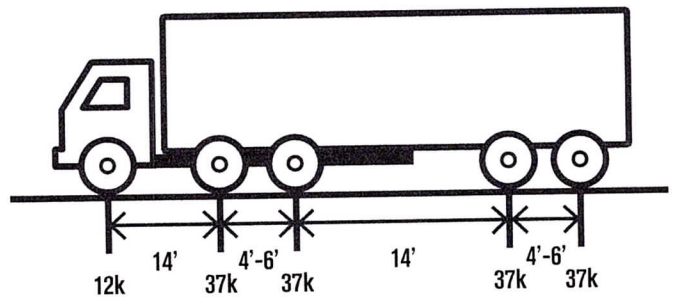
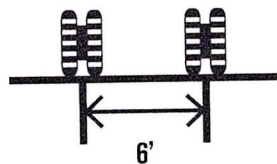
HS25-44
GVW 45 TONS



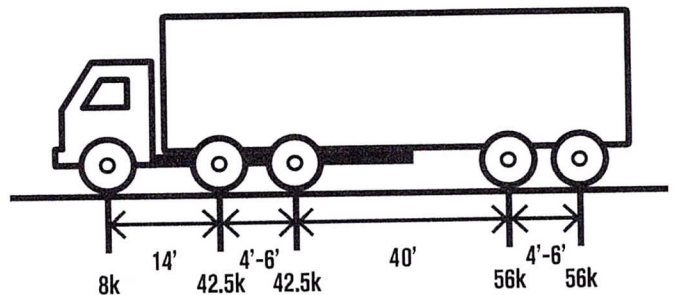
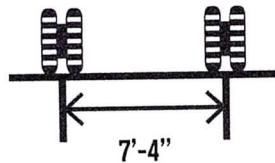
HS30-44
GVW 54 TONS



U80 OFF HWY.
GVW 80 TONS



U102 OFF HWY.
GVW 102.5 TONS





4. PAYMENT TERMS AND LATE CHARGES. Buyer without Preapproved Account: 50% down payment due at time of order with balance due upon completion of fabrication. Buyer with Preapproved Account: 20% down payment due at time of order with Net 30 credit terms available upon credit approval. Payment is due NET 30 DAYS from date invoiced. Seller shall pay interest charges on all past due amounts at the rate of 1 3/4% PER MONTH (21% per annum), or if that rate is not allowed under applicable law or statute then at the highest rate allowed under applicable law or statute. Buyer is responsible for all costs of collection including without limitation reasonable attorneys' fees and court costs. If Buyer shall fail to comply with any provision or fail to make payments in accordance with the terms of this contract or of any other contract between Buyer or Seller, Seller may at its option defer further shipments, or without waiving any other rights it may have, terminate this contract. All deliveries shall be subject to Seller's Credit Department. Seller reserves the right before making any delivery to require payment in cash or security payment; and if Buyer fails to comply with such requirement, Seller may terminate this contract.

5. SALES TAX. Sales tax is NOT included in any quotation by Seller unless specifically included. All applicable taxes shall be added and paid by Buyer in addition to the purchase price.

6. FORCE MAJEURE. Seller does not assume the risk of and shall not be liable for failure to perform any obligation caused by civil insurrection, war, riot quarantine, terrorism, fire, strike, labor stoppages or other labor disturbances, acts of God, acts or omissions of Buyer, acts or omissions of any government body or entity, floods, epidemics, pandemics, freight embargoes, shortages of labor, fuel, energy or materials, failure of suppliers or subcontractors to satisfactorily meet scheduled deliveries, accidents to machinery, delays in transportation or any other cause beyond the reasonable commercial control of Seller. Upon the occurrence of any such event, Seller may terminate this Contract without liability. In no event shall Seller be liable to Buyer for any consequential damages or claims for labor resulting from failure or delay in delivery.

7. DESIGN DRAWINGS. Seller will commence with bridge design drawings and calculations upon receipt of signed agreement, and receipt of all necessary documents from Buyer. Seller is dependent upon Buyer for supplying complete and accurate site information and design parameters. Designs supplied by Seller are based upon information provided by Buyer. Buyer or Buyer's representative is responsible for confirming that all information supplied to Seller is current, accurate and applicable. Scope of Seller's design is limited only to the bridge supplied unless additional design features are specifically requested by Buyer and agreed to by Seller.

8. DELIVERY. Site must be safely and reasonably accessible for an over-the-road truck under its own power. The Buyer is responsible for providing safe means for off-loading on-site and for all rigging equipment, connection of rigging to bridge and lifting and placement of the bridge. Two (2) hours of off-load time is included in the delivery/freight cost per truck. Additional off-load time is provided at \$100/hour for a maximum of four (4) hours. Buyer will be responsible to reimburse freight carrier for any damage to delivery equipment as part of unloading or any other actions on delivery site.

9. MANUFACTURING VARIANCE. The materials sold hereunder shall be subject to the Seller's standard manufacturing variations, tolerances and classifications.

10. RETURNS. Materials associated with this order may not be returned unless Buyer has received specific approval from Seller in writing.

11. CANCELLATION FOR CONVENIENCE. Due to the project-specific engineered content inherent to the order, cancellations of orders must be mutually agreed upon between Buyer and Seller. If Buyer makes a written request to Seller to cancel this order, Seller at its sole discretion, and only by written notice to Buyer, may authorize Buyer to cancel this order. In that event, Seller shall charge Buyer fully for all services and materials (including raw materials Seller has incoming from outside suppliers) specific to this order and for all work performed.

12. CLAIMS BY BUYER. Passage of title to items sold to Buyer shall occur upon delivery and/or unloading by either party. If Buyer uses its own trucking or other means of pickup or delivery, then passage of title occurs upon completion of items being loaded at TrueNorth Steel facility. Any claims by Buyer must be made promptly in writing and in no event later than thirty (30) days after transfer of title. Written notification from Buyer must detail to the Seller the exact damage or shortcoming of the item and the reason Seller is claimed to be responsible. Seller must be given ten (10) working days to investigate the claim and should the Seller assume responsibility, Seller will be allowed ten (10) additional working days to replace the product or to provide a remedy deemed acceptable by the owner or owner's representative. In any case, Seller must be allowed a reasonable amount of time to correct any claim of deficiency. In no circumstance will Seller assume responsibility or accept charges from Buyer without written acceptance from Seller.

13. LIMITED WARRANTY. In order for there to be any coverage under the warranty herein, the following terms and conditions must be satisfied: (1) The bridge must be (i) installed within the United States and Canada; (ii) the bridge must be installed and maintained in accordance with all applicable manufacturer, owner and industry instructions, specifications and standards that were in effect as of the date of the shipment; (iii) the bridge must be installed and maintained in accordance with all applicable government laws, regulations, rules, ordinances, codes and other requirements that were in effect as of the date of shipment; (iv) the bridge's installation and maintenance must be upgraded in accordance with all manufacturer, industry and/or government instructions, specifications, standards, laws, regulations, rules, ordinances, codes and other requirements that may become effective after date of shipment. (2) Upon discovery of issues related to materials or workmanship or any other matter for which the warranty or other claim may be brought and in accordance with Section 11, the Seller, together with its representatives and anyone else acting on its behalf, must be given written notice of the event and must be given the opportunity to inspect and test the bridge and the site where the bridge was installed before, during and after any change in any condition that might affect the ability of the Seller to determine what happened and/or the cause of what happened. The owner will take all caution and responsibility to determine the safety of the bridge until due process is completed. The owner of the bridge bears the responsibility of establishing that any alleged issues related to materials or workmanship is covered by the warranty herein. (3) If it is established that the event is covered by the warranty herein, the Manufacturer will at its sole option: (i) repair the bridge; or (ii) replace the bridge with a bridge of approximately the same size, design, quality of material and workmanship specified for the original bridge. Manufacturer will repair or replace the bridge within a reasonable time period agreed upon by the manufacturer and owner. If the Manufacturer, at its sole discretion, is unable to repair or replace the bridge, it will refund the original purchase price of the bridge.

What is covered by warranty: Provided that the terms and conditions set forth herein are fully satisfied, "TrueNorth Steel", a registered tradename and its Affiliates (hereinafter referred to as "Seller") warrants the bridge against defective steel materials or workmanship for up to one (1) year following the delivery of the bridge to the customer. Steel decks and wood carry no warranty, with the exception of naturally durable lpe hardwood decking and lpe hardwood attachments shall carry a one (1) year warranty against rot, termite damage, or fungal decay. The warranty coverage provided herein extends only to the initial end user. Extended warranty from the original purchase date must be granted upon written request by a dealer/distributor to the Manufacturer for the initial end user.



What is not covered: (1) The Seller does not warrant any additional accessories and/or other attachments connected to the bridge. Under no circumstances will the Seller be liable for (i) the cost of repair or replacement of any accessories or other attachments to the bridge placed by others including pavement or other materials placed as a driving surface; or (ii) labor costs or other installation costs either for the bridge's original installation or for its repair or replacement or (iii) damage to the bridge or other property resulting from wind, rain, earthquake, building or earth collapse, explosions, and other acts of nature or man; or (iv) damage caused by installation, outside attachments not included in original bridge design, operating, service, maintenance (including de-icing agents) and/or repair practices; (v) failure due to defective materials and/or workmanship occurring later than one (1) year following delivery of the bridge, (vi) delivery to and from Seller's facility for repair or replacement; (vii) any exterior coatings unless specified in writing at time of purchase by the Seller and touch up to exterior coating as a result of delivery or installation, or (viii) any other damages as the result of delivery or installation. (2) This warranty shall not cover defects in the bridge caused by abuse, misuse, overloading, accident, improper installation, maintenance, alteration or any other cause not expressly warranted. This warranty does not cover damage resulting from or relating to the use of any kind of de-icing material. This warranty shall be void unless owner's records are supplied which show that the bridge has been properly maintained. (3) Warranty does not cover any issues related to the design, installation, failure or settlement of the bridge abutment, piling, retaining walls or other structures supporting the bridge. Seller is not responsible for scour, erosion or other design aspects related to soils, foundations or other hydraulic degradation of streams. (3) Warranty does not cover any issues related to the design, installation, failure or settlement of the bridge abutment, piling, retaining walls or other structures supporting the bridge.

LIMITATIONS OF LIABILITY AND DAMAGES AND EXCLUSION OF OTHER REMEDIES. THE FORGOING REMEDY OF REPAIR, REPLACEMENT OR REFUND IS THE SOLE AND EXCLUSIVE REMEDY AVAILABLE FROM TRUENORTH STEEL AND ITS AFFILIATES. UNDER NO CIRCUMSTANCES SHALL THE LIABILITY OF TRUENORTH STEEL AND ITS AFFILIATES EXCEED THE PURCHASE PRICE OF THE BRIDGE. IN NO EVENT WILL THE MANUFACTURER OR ANY OF ITS EMPLOYEES OR REPRESENTATIVES BE LIABLE FOR ANY CLAIMS FOR SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUE, BUSINESS INTERRUPTION, LOSS OF USE, COST OF CAPITAL, COST OF SUBSTITUTE EQUIPMENT OR MATERIALS, DOWNTIME COST, ENVIRONMENTAL LOSS, LOSS OF ENJOYMENT, OR OTHER ITEM OF LOSS OR DAMAGE HOWEVER DESIGNATED, WHETHER SUCH CLAIMS SHALL BE FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY IN TORT, OR OTHER CLAIM HOWEVER DESIGNATED, WHETHER SUCH CLAIM ARISES OUT OF OR RESULTS FROM THE LIMITED WARRANTY HEREIN, OR FROM EXPRESS OR IMPLIED WARRANTIES, OR FROM THE DESIGN, MANUFACTURE, SALE, DELIVERY, RESALE, INSTALLATION, TECHNICAL DIRECTION, OR INSTRUCTION FOR INSTALLATION, INSPECTION, REPAIR, MAINTENANCE, SERVICE, OPERATION OR USE OF THE BRIDGE.

DISCLAIMER OF ALL OTHER WARRANTIES

THE FOREGOING LIMITED WARRANTY IS THE ONLY WARRANTY MADE, THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TRUENORTH STEEL AND ITS AFFILIATES DO NOT WARRANT PRODUCTS FURNISHED BY OTHER MANUFACTURERS ATTACHED OR UNATTACHED TO THE BRIDGE BEYOND THE ORIGINAL MANUFACTURER'S WARRANTY.

14. INDEMNITY. To the fullest extent permitted by law, Buyer, for itself and its affiliates and subsidiaries, agrees to indemnify, defend and hold harmless Seller and its parent and affiliate companies and their respective officers, directors, shareholders, sureties, insurers, subsidiaries, employees, agents, representatives, and assigns from and against any and all losses, damages, liabilities, obligations, penalties, judgments, awards, costs and disbursements, including, without limitation, any and all costs and attorneys' fees associated with investigating, preparing for and defending against any claim asserted by a third party, arising out of or relating to (a) any personal injury (including death) or property or commercial damage arising out of the failure of any product relating to this Quotation, except to the extent caused by Seller's failure to comply with the plans and/or specifications Buyer provides to Seller for the product(s); (b) Buyer's failure to comply with applicable law, including, but not limited to, failure to warn; and/or (c) any gross negligence, recklessness, or intentional misconduct on the part of Buyer or its employees, agents, representatives, consultants, subcontractors and suppliers (other than Seller), officers, directors, subsidiaries, affiliates, or parent company. Seller shall also be entitled to recover from Buyer all attorneys' fees and costs Seller incurs to enforce this Order (including without limitation these General Terms and Conditions).

15. RIGHTS AND REMEDIES NOT EXCLUSIVE. The foregoing paragraphs of these Terms and Conditions are in addition to, and do not limit Seller's other rights or remedies. A reference to certain rights or remedies in any one paragraph of these Terms and Conditions does not limit Seller's rights or remedies under any other paragraph of these Terms and Conditions, or otherwise under this Purchase Order or at law, in equity or under applicable statute.

16. SEVERABILITY. If any provision of this contract shall be declared unenforceable, only that portion necessary shall be modified or stricken and all other provisions shall remain in full force and effect.

17. WAIVER. Failure of Seller to enforce any right or remedy shall not be construed as a waiver of such right or remedy.

18. GOVERNING LAW. This contract shall be construed, interpreted, and governed by the laws of North Dakota. The exclusive forum for any disputes arising out of or relating to this Contract shall be any federal or state court sitting in North Dakota. The parties irrevocably consent to such exclusive jurisdiction in such courts and to the proper venue therein. If Seller must resort to legal action or remedies, Buyer shall reimburse Seller for all of Seller's legal fees and expenses, whether or not suit is filed by Seller.

BUYER/CUSTOMER PLEASE SIGN HERE:

We hereby order the described material subject to all Terms and Conditions included in this quotation.

Accepted By: _____

Printed Name: _____

Title: _____

Company: _____



Date: _____



Installing a 35' module with an excavator



16' x 65' TNS Mod Bridge. Please note the steel backwall on the end of the bridge



Nice short span structure in Idaho



65' span with timber bump curb

Also, please review the following video link reflecting an installation of a 24' x 65' HL93 three module bridge. Wider and span length is greater, but a nice example of the simplicity relating to installation.

TrueNorth Steel

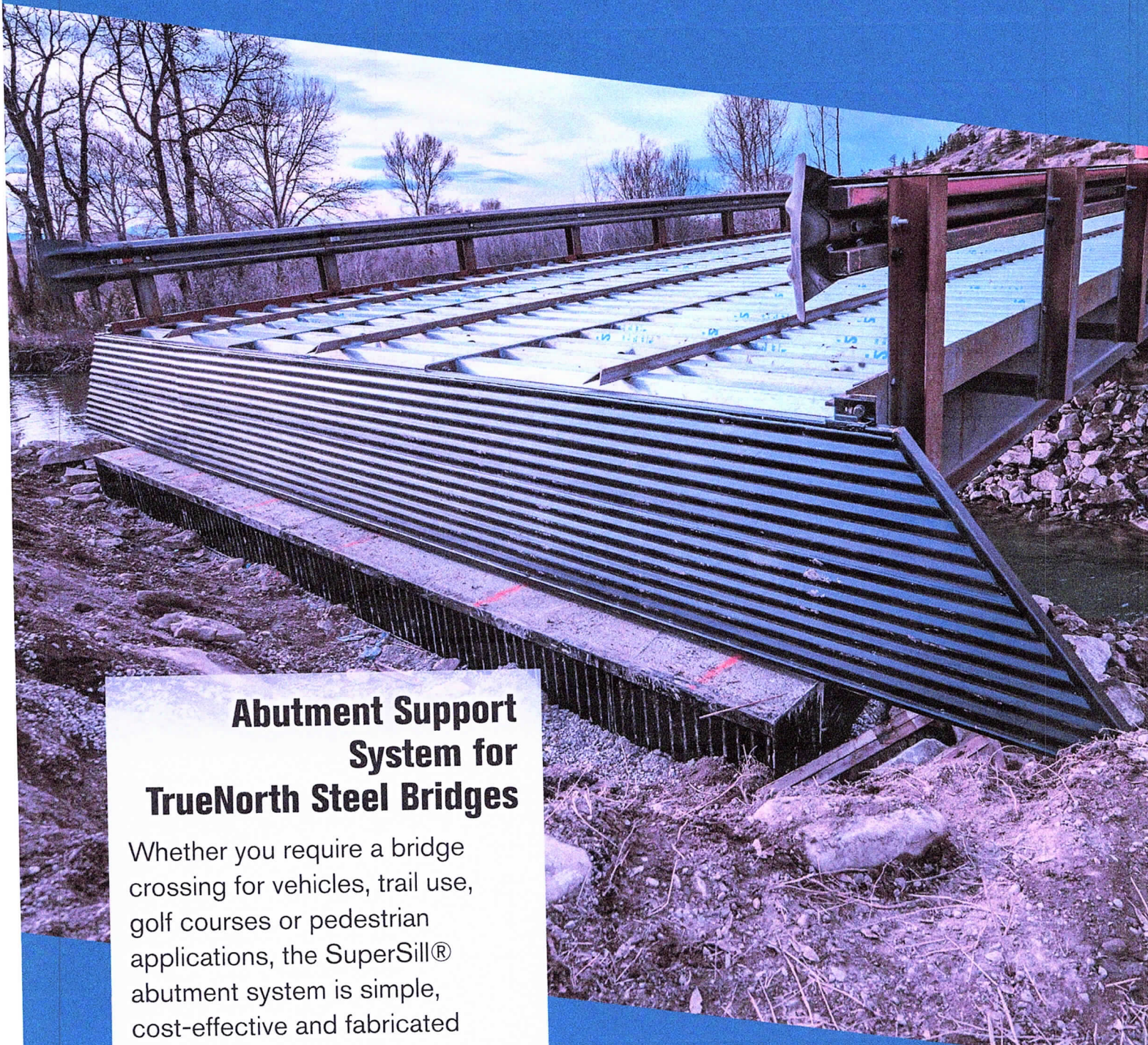
406.370-2548 Mobile

www.TrueNorthSteel.com



SuperSill®

Abutments for Modular Vehicular and Pedestrian Bridges



Abutment Support System for TrueNorth Steel Bridges

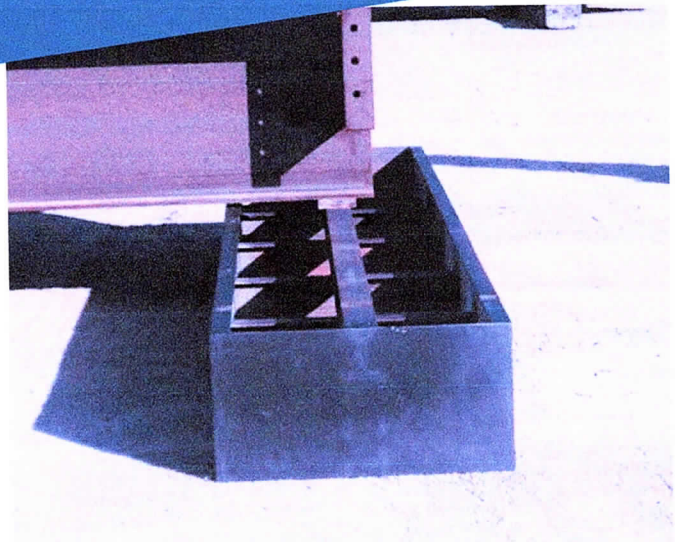
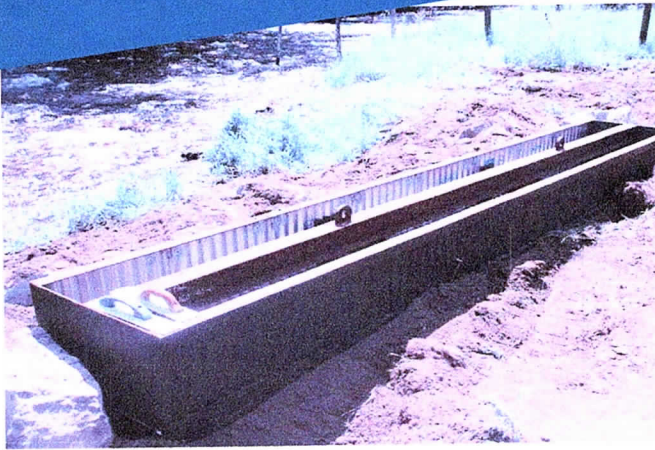
Whether you require a bridge crossing for vehicles, trail use, golf courses or pedestrian applications, the SuperSill® abutment system is simple, cost-effective and fabricated with the same quality and design requirements as the TrueNorth Steel Bridge it supports!



TrueNorth Steel
Bridge™

TrueNorthSteel.com | Bridge@TrueNorthSteel.com

SuperSill® for Modular Vehicular and Pedestrian Bridges



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W-BEAM INSTALLATION

steel concrete abutment form with integral reinforcement.

on-site concrete forming and placement of steel reinforcement.

Beam bearing seat, lifting lugs, reinforcing, and concrete forms. No additional steel

lestinian bridges and separate steel backwall for vehicular bridges, providing
roaches.

minimum soil bearing requirements and other minimum soil properties based on

on site soil allowable bearing capacity and other properties that are normally
ntact your TrueNorth Steel representative for additional guidance.

d or filled with concrete, on the same truck as the bridge. Alternatively, Concrete
nstalled and with the bridge set.

r in advance of delivery of the bridge for preplacement. Additional freight costs

W-Beam Guide Rail



Guide Rail Post



SUPERSILL INSTALLATION GUIDELINES

Following are general steps required for proper installation. Additional site evaluat

1. Locate the area for proper placement of the SuperSill foundation.
2. Level and compact the foundation soil to the required density while ensuring 1
from large stones, voids, organic materials, or frozen soil. A geotechnical engine
compaction and testing requirements.
3. Place the SuperSill on the compacted soil and ensure it is properly placed at
4. Fill SuperSill with Class A concrete or better having a minimum compressive ;
concrete from the top of the wide flange beam at the top of the SuperSill that wi
5. Bridge can be set immediately in most circumstances; alternatively, concrete
installed and with the bridge set. Consult with your TrueNorth Steel representative
6. Lay out bearing assemblies on top of wide flange beam to accurately correspr
bridge shop drawings to confirm proper placement.
7. Refer to TrueNorth Steel installation guide for additional information on assembl
bearing assemblies.

*TrueNorth Steel recommends that the owner and or their contractor consult with a qualified engineer to ev-
capacity and the suitability of the use of SuperSills for the application. In addition, it is recommended that t
scour and erosion and that appropriate measures are taken to guard against same.

