APPROVED

By Jeff Coleman at 11:23 am, Oct 16, 2019

Reference #	Shape	Quantity	Dimension	Length	Grade	P.O. #	Supplier	Heat #	TFS Date
bp1	PL	8	1 1/2 x 8	1'-8	A572-50	STOCK-P-218	Triad Metals International	811C13170	10/9/2019
bp2	PL	8	1 1/2 x 8	1'-8	A572-50	STOCK-P-218	Triad Metals International	811C13170	10/9/2019
cp1	PL	2	3/8 x 7 7/16	8'-4 1/2	A572-50	CONSIGNMENT-193	Kenilworth Steel	B9M2735	10/9/2019
cp2	PL	2	3/8 x 7 7/16	8'-4 1/2	A572-50	CONSIGNMENT-193	Kenilworth Steel	B9M2735	10/9/2019
cp3	PL	2	3/8 x 7 7/16	11'-3	A572-50	CONSIGNMENT-193	Kenilworth Steel	B9M2735	10/9/2019
ed1	PL	20	3/16 x 4	9'-11	A572-50	CONSIGNMENT-188	Kenilworth Steel	B8W6341	10/10/2019
fb1	W	1	27 x 114	31'-2 1/4	A572-FCM	199183-02	Infra Metals	A168576	10/9/2019
fb1	W	4	27 x 114	31'-2 1/4	A572-FCM	199183-02	Infra Metals	513520	10/9/2019
fb1	W	4	27 x 114	31'-2 1/4	A572-FCM	199183-02	Infra Metals	514235	10/9/2019
fbep1	PL	18	1/2 x 11 1/4	2'-4 1/2	A572-FCM	CONSIGNMENT-193	Kenilworth Steel	9502341	10/9/2019
fp1	PL	14	3/8 x 4 1/2	0'-11 1/4	A572-50	CONSIGNMENT-193	Kenilworth Steel	B9M2735	10/9/2019
fp2	PL	4	1/2 x 4 1/2	0'-11 1/4	A572-50	CONSIGNMENT-193	Kenilworth Steel	9502341	10/10/2019
lpl1	PL	4	3/4 x 17	1'-8	A572-50	CONSIGNMENT-176	Kenilworth Steel	8508480	10/9/2019
lr1	RD	20	1	20'-0	A572-50	STOCK-L-238	Metals USA	2068702	10/15/2019
lr2	RD	16	1	12'-7 1/2	A572-50	STOCK-L-238	Metals USA	2068702	10/15/2019
lr3	RD	4	1	13'-0 1/2	A572-50	STOCK-L-238	Metals USA	2068702	10/15/2019
lra1	L	18	5 x 3 1/2 x 3/8	0'-8 1/4	A572-50	STOCK-L-239	Triad Metals International	L116805	10/9/2019
lra2	L	18	5 x 3 1/2 x 3/8	0'-8 1/4	A572-50	STOCK-L-239	Triad Metals International	L116805	10/9/2019
lra3	L	2	5 x 3 1/2 x 3/8	0'-8 1/4	A572-50	STOCK-L-239	Triad Metals International	L116805	10/9/2019
lra4	L	2	5 x 3 1/2 x 3/8	0'-8 1/4	A572-50	STOCK-L-239	Triad Metals International	L116805	10/9/2019
mpl1	PL	1	1 x 17	2'-4	A572-50	180331-01	Kenilworth Steel	9500903	10/9/2019
mpl1	PL	3	1 x 17	2'-4	A572-50	180331-01	Kenilworth Steel	9500903	10/9/2019
oa1	L	2	6 x 3 1/2 x 3/8	28'-0	A572-50	STOCK-L-176	Triad Metals International	L99417	10/9/2019
sca1	L	28	5 x 3 1/2 x 3/8	0'-9	A572-50	STOCK-L-239	Triad Metals International	L116805	10/9/2019
sca1	L	260	5 x 3 1/2 x 3/8	0'-9	A572-50	STOCK-C-114	Triad Metals International	L116807	10/9/2019
sg1	PL	1	1/4 x 11 15/16	4'-1	A572-50	CONSIGNMENT-169	Kenilworth Steel	B8U5903	10/9/2019
sg1	PL	7	1/4 x 11 15/16	4'-1	A572-50	CONSIGNMENT-191	Kenilworth Steel	A9P0905	10/9/2019
sg1	PL	14	1/4 x 11 15/16	4'-1	A572-50	CONSIGNMENT-169	Kenilworth Steel	B8U5903	10/9/2019
spl1	PL	8	5/8 x 12	3'-7	A572-FCM	CONSIGNMENT-186	Kenilworth Steel	8507744	10/9/2019
spl2	PL	8	5/8 x 9	3'-7	A572-FCM	CONSIGNMENT-186	Kenilworth Steel	8507744	10/9/2019
ssa1	L	39	5 x 3 1/2 x 3/8	0'-8	A572-50	STOCK-L-239	Triad Metals International	L116805	10/9/2019
ssa1	L	47	5 x 3 1/2 x 3/8	0'-8	A572-50	STOCK-L-239	Triad Metals International	L116805	10/9/2019
ssa1	L	58	5 x 3 1/2 x 3/8	0'-8	A572-50	STOCK-L-239	Triad Metals International	L116805	10/9/2019
str1	W	4	14 x 30	13'-9 11/16	A572-CVN	199183-03	Triad Metals International	58039606	10/10/2019
str1	W	60	14 x 30	13'-9 11/16	A572-CVN	199183-03	Triad Metals International	55062888	10/10/2019
str2	W	4	14 x 30	14'-6 9/16	A572-CVN	190149-03	Triad Metals International	58039606	10/9/2019

Reference #	Shape	Quantity	Dimension	Length	Grade	P.O. #	Supplier	Heat #	TFS Date
str2	W	12	14 x 30	14'-6 9/16	A572-CVN	199183-03	Triad Metals International	55062888	10/10/2019
	AB	32	3/4 x 1'-4		A449	199183-05	Ziegler Bolt & Nut House	199183-05	10/11/2019
	AB	16	1 x 2'-0		A449	199183-05	Ziegler Bolt & Nut House	199183-05	10/11/2019
	FLRZ	1	3 x 9 x 5ga	28'-0	A1011-SS-50	STOCK-FLRZ-18	Trinity Industries, Inc	STOCK-FLRZ-18	10/7/2019
	FLRZ	30	3 x 9 x 5ga	28'-0	A1011-SS-50	STOCK-FLRZ-20	Trinity Industries, Inc	STOCK-FLRZ-20	10/7/2019
	FLRZ	63	3 x 9 x 5ga	28'-0	A1011-SS-50	STOCK-FLRZ-20	Trinity Industries, Inc	STOCK-FLRZ-20	10/7/2019
	HCN	20	1 x 0'-5		A563B	199183-06	Ziegler Bolt & Nut House	199183-06	10/11/2019
	MS	10	u-bolt A153 hdg 3/8-16 X 1-5/8 X 2-5/8	0'-0	N/A	STOCK-H-217	Ziegler Bolt & Nut House	Stock-H-217	10/15/2019
	MS	188	end dam clip 1/4" X 1 1/2" bent 2 1/2" X 3"	0'-0	A36	STOCK-MS-75	Lapham-Hickey Steel	STOCK-MS-75	10/15/2019
	MS	601	s clamps	0'-0	A36	STOCK-MS-76	Lapham-Hickey Steel	STOCK-MS-76	10/15/2019
	MS	903	s clamps	0'-0	A36	STOCK-MS-76	Lapham-Hickey Steel	STOCK-MS-76	10/15/2019
	MS	12	1/4" X 4" X 6" galv pl wa 1 5/8" hole	0'-0	A36	STOCK-MS-06	Lapham-Hickey Steel	Stock-MS-06	10/15/2019
	MS	32	1/4 X 3 X 4 galv pl wa w/15/16" hole	0'-0	A36	STOCK-MS-78	Triple T Fabricators	A8X4201	10/15/2019
	NU	64	3/4		A563-DH	199183-05	Ziegler Bolt & Nut House	199183-05	10/11/2019
	NU	32	1		A563-DH	199183-05	Ziegler Bolt & Nut House	199183-05	10/11/2019
	REB	29	5	5'-2	A615-60	199183-01	State Highway Supply	199183-01	10/11/2019
	REB	58	5	6'-10	A615-60	199183-01	State Highway Supply	199183-01	10/11/2019
	REB	27	5	28'-4	A615-60	199183-01	State Highway Supply	199183-01	10/11/2019

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 307614

Carrier: TMT Transportation, LLC **BOL No.** 314784

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Wassell Land)
Wassell Land
3507 Grand Avenue
Pittsburgh, PA 15225-1508
Phone:

Ship Date: 12/05/2018

CUSTOMER COPY

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: Superior Steel Corporation
PO Box 757
Cambridge, OH 43725-0757

Ship To: Superior Steel Corporation
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Quantity	Description		Width	Length	Weight
Cust PO: STOCK-P-218		Contract:		*Sales Order:* 427910	
Heat Numbers: 8506950(4)					
4	1 HR A572-50 Plate A572-50		96"	240"	26,136.57
Domestic A572-50 25lb@40*F zone 2 (min)					
MUST USE NUCOR HT#8506950					
Cust PO: STOCK-P-218		Contract:		*Sales Order:* 427910	
Heat Numbers: 811C13170(1)					
1	1-1/2 HR A572-50 Plate A572-50		96"	240"	9,801.21
Domestic A572-50 25lb@40*F zone 2 (min)					
MUST USE MITTAL HT#811C13170					

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 307614

Carrier: TMT Transportation, LLC **BOL No.** 314784

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Wassell Land)
Wassell Land
3507 Grand Avenue
Pittsburgh, PA 15225-1508
Phone:

Ship Date: 12/05/2018

CUSTOMER COPY

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth in (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: Superior Steel Corporation
PO Box 757
Cambridge, OH 43725-0757

Ship To: Superior Steel Corporation
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Total Weight: 35,937.78

Shipping Instructions:

Receiving Hours: 8:30am-1:30pm M-F

Max Bundle Weight: 10,000

Spacers:

All material must be M&M Domestic
No Dings, Dents, Chain Kinks or damaged material
MUST GET HEAT #'S
Exact pieces must be noted for each heat number. Heat number(s) must be identified on all material by Hand writing, mill sticker or mill stenciling.
Material from "ALL" Gerdau Ameristeel mills - the manifest from Gerdau to Traid must ship w/truck w/matching certs.
Heat numbers must appear on all processed plates parts.
HEAT# and PLATE ID# MUST BE REFERENCED ON ALL PAPERWORK.
Please confirm which way per each order separately, paint stick, galv marker, pin stamp, etc.
Please email copy of the BOL before the load ships and
Email certs at time of shipment to : tbarnett@usbridge.com and mmesarchik@usbridge.com
Trucks are forbidden to be on-site prior to 8:30am
Customer offloads material outside

Driver Signature: _____

Consignee Signature: _____

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

CARRIER CUSTOMER	PER	PER DATE

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

Permanent post office address of shipper

TRIAD
Plate Products Processing & Warehouse Division

Certificate of Compliance

Date: 12/5/2018

This is to certify that the product materials furnished on the purchase order below have been manufactured in accordance with all specifications referred to on your drawings and/or purchase order. Any additional information or records are available at your request. To request additional records please contact
Mike Hancock @ 412-250-4170

Customer Superior Steel Corp	Purchase Order # STOCK-P-218
Part #	Rev.
Drawing #	Drawing Date

Comments

4 pcs) 1" A572-50 96 x 240 Heat number 8506950-02-02-03, 02-02-04, 02-01-04, 02-02-01

1 pc) 1-1/2" A572-50 96 x 240 Heat # 811C13170-1 Plate ID K059567-01

Mike Hancock
Manager Plate Products
Triad Metals International

Rev B

Customer Name	Customer PO#	Shipper No	Heat Number
Superior Steel Corporation	STOCK-P-218	427910	811C13170

ArcelorMittal Burns Harbor Plate

QUALITY ASSURANCE
REPORT OF TEST AND ANAYLSES

SHIPMENT NO.	DATE SHIPPED	CAR OR VEHICLE NO.	
803-40399	10-31-18	TTPX 082253	PAGE 4

SOLD TO
METAL TRADERS INC
DBA TRIAD METALS INTERNATIONAL
1 VILLAGE RD STE 2B
HORSHAM PA 19044-3800

SHIP TO
TRIAD METALS INTERNATIONAL
WASSELL LAND-BAY 3
THEIR SIDING
3507 GRAND AVE
PITTSBURGH PA 15225-1508

NOTE	SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	SIZE AND QUANTITY: THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	ELONG.	RED.
					INCHES	INCHES	INCHES	POUNDS	PSI	PSI	IN	% %

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.
PLATES - AASHTO M-270-15 GR 50 KLD FINE
GRAIN PRAC TYPE 2 CE=.45X PER IIW
FORMULA, ASTM A572-13A GR 50, ASTM
A709-13A GR 50, CH-V A673 FREQ (H)
L 25 FTLB AT -20F --- PLT
CONTROLLED FINISH
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)
MFST - MFST MILL SERIAL# & PATTERN# MFST PPI 0076347-
0001 LIFT MAX 15 TON-GAUGES & GRADES SEP BLK
LGWSE-BRG PCS-SEPARATORS- A MUST.
CO# 131082 GH 405-1480J
MERCURY IN ANY FORM HAS NOT BEEN USED
IN THE PRODUCTION OF THIS ORDER

811C13170	10	1.5	96	240	98010	63300	84800	2	30
						61900	83800	2	26

(M55)MFST REF#:76347

Q-QUENCH TEMPERATURE	T-TEMPER TEMPERATURE	N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	CHARPY IMPACT: THICKNESS	TYPE	SIZE	DIR	TEST TEMP	ENERGY FT LBS 1	2	3	SHEAR(%) 1	2	3	LAT. EXP MILS 1	2	3
					INCHES				F									
		811C13170			1.500	V	FULL	L	-20	68	72	59						

HEAT NUMBER	CHEMICAL ANALYSIS: C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Cb	N	Sn	MQUAID GRAIN SIZE
811C13170	.18	1.22	.015	.005	.283	.033	.02	.06	.020	.057	.002	.041	.0002		.003	.005	.003
	CE .41																

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report connot be altered and must be transmitted intact with any subsquent third party test reports, if required.

ANDREW SMITH PER ELJ

BHPLTRPT.TIF

SUPV. QUALITY ASSURANCE

ArcelorMittal Burns Harbor Plate

QUALITY ASSURANCE
REPORT OF TEST AND ANAYLSES

SHIPMENT NO.	DATE SHIPPED	CAR OR VEHICLE NO.	
803-40399	10-31-18	TTPX 082253	PAGE 4

SOLD TO
METAL TRADERS INC
DBA TRIAD METALS INTERNATIONAL
1 VILLAGE RD STE 2B
HORSHAM PA 19044-3800

SHIP TO
TRIAD METALS INTERNATIONAL
WASSELL LAND-BAY 3
THEIR SIDING
3507 GRAND AVE
PITTSBURGH PA 15225-1508

NOTE	SERIAL NUMBER	PAT NO.	HEAT NUMBER	NO. PCS.	SIZE AND QUANTITY: THICKNESS	WIDTH OR DIA.	LENGTH	WEIGHT	YIELD POINT	TENSILE STRENGTH	ELONG.	RED.
					INCHES	INCHES	INCHES	POUNDS	PSI	PSI	IN	% %

QUALITY STEEL MELTED & MANUFACTURED IN THE U. S. A.
PLATES - AASHTO M-270-15 GR 50 KLD FINE
GRAIN PRAC TYPE 2 CE=.45X PER IIW
FORMULA, ASTM A572-13A GR 50, ASTM
A709-13A GR 50, CH-V A673 FREQ (H)
L 25 FTLB AT -20F --- PLT
CONTROLLED FINISH
NO WELD REPAIR WAS PERFORMED ON BELOW PLATE(S)
MFST - MFST MILL SERIAL# & PATTERN# MFST PPI 0076347-
0001 LIFT MAX 15 TON-GAUGES & GRADES SEP BLK
LGWSE-BRG PCS-SEPARATORS- A MUST.
CO# 131082 GH 405-1480J
MERCURY IN ANY FORM HAS NOT BEEN USED
IN THE PRODUCTION OF THIS ORDER

811C13170	10	1.5	96	240	98010	63300	84800	2	30
						61900	83800	2	26

(M55)MFST REF#:76347

Q-QUENCH TEMPERATURE T-TEMPER TEMPERATURE N-NORMALIZE TEMPERATURE

SERIAL NUMBER	PAT NO.	HEAT NUMBER	HARD BHN	BEND	CHARPY IMPACT: THICKNESS	TYPE	SIZE	DIR	TEST TEMP	ENERGY FT LBS 1	2	3	SHEAR(%) 1	2	3	LAT. EXP MILS 1	2	3
					INCHES				F									
		811C13170			1.500	V	FULL	L	-20	68	72	59						

HEAT NUMBER	CHEMICAL ANALYSIS: C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Ti	Al	B	Cb	N	Sn	MQUAID GRAIN SIZE
811C13170	.18	1.22	.015	.005	.283	.033	.02	.06	.020	.057	.002	.041	.0002	.003	.005	.003	
	CE .41																

I certify that the above results are a true and correct copy of actual results contained in records maintained by ArcelorMittal Burns Harbor and are in full compliance with the requirements of the specification cited above. This test report connot be altered and must be transmitted intact with any subsquent third party test reports, if required.

ANDREW SMITH PER ELJ

BHPLTRPT.TIF SUPV. QUALITY ASSURANCE

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73419

GRANT 57

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at Austintown, Ohio 3-13 20 17 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to Cleveland U.S. Bridge

(Mail or street address at consignee—For purposes of notification only.)

Destination Cleveland State OH Zip 44135 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 90 / Interstate 6 Ave

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	15 1/2-50 FLATPLATE COIL			
6	3/16 x 96 x 240	11,112		
	H.T.# A9112105 (6)			
6	1/2 x 96 x 240	11,112		
	H.T.# A9112328 (6)			
1	1/8 96 x 240	2,351		
	H.T.# 91-D3975D (1)			
		11,033		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PD25961-25976

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.3750 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
9A2139B	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139C	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139D	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139E	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Quilin Yu

Dr. Quilin Yu - Metallurgist

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A572 50, 0.3750 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
9A2139B	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7													
9A2139B	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3					-22 F
9A2139B	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7					-22 F
9A2139B	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3					-22 F
9A2139B	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													
9A2139C	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7													
9A2139C	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3					-22 F
9A2139C	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7					-22 F
9A2139C	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3					-22 F
9A2139C	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													
9A2139D	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7													
9A2139D	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3					-22 F
9A2139D	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7					-22 F
9A2139D	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3					-22 F
9A2139D	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													
9A2139E	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7													
9A2139E	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3					-22 F
9A2139E	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7					-22 F
9A2139E	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3					-22 F

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.3750 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
9A2139E	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													

Items: 4 PCS: 16 Weight: 39205 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" Indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73516

BASEL FLATBED SERVICES

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at Austintown Ohio 6-27 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to C.S. BADGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OHIO Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 Wheeling Ave

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50 Fabricated Material			
6	3/8" x 96 x 240	14,702		
	HEAT # 9500894 (3)			
	B9M2735 (3)			
	A-588			
3	3/8 x 96 x 240	7351		
	HEAT # 821H05650 (3)			
		22053		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ 6-27-19 Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

3

1184

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73516

PASEL FLATBED SERVICES

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at AUSTINTOWN OHIO 6-27 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OHIO Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50 FRACTURE CRITICAL			
6	3/8 x 96 x 240	14,702		
	HEAT # 9300878 (3)			
	B9111735 (3)			
	A-588			
3	3/8 x 96 x 240	7351		
	HEAT # B21H05650 (3)			
		22053		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ 6-27-19 Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION		HEAT #	WEIGHT	COST
PD 26822	.375	96x240	A572-50	9500898	F.E.	
26823	↓	↓	↓	↓	↓	
26824	↓	↓	↓	↓	↓	
25967	.375	96x240	A572-50	B9M2735	F.E.	
25968	↓	↓	↓	↓	↓	
25969	↓	↓	↓	↓	↓	
PD 29699	.375	96x240	A588	821H0565D		
29700	↓	↓	↓	↓		
29594	↓	↓	↓	↓		
PD 29711	.3125	96x240	A588	812H3540		

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PD25961-25976

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A572 50, 0.3750 IN x 96.000 IN x 240.000 IN

Quality Plan Description:
A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact

Sold TO:
KENILWORTH STEEL WARREN OH

Ship TO:
KENILWORTH STEEL Youngstown OH

Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
9A2139B	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139C	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139D	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139E	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

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MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.3750 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size	mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
9A2139B	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7														
9A2139B	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3						-22 F
9A2139B	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7						-22 F
9A2139B	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3						-22 F
9A2139B	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8														
9A2139C	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7														
9A2139C	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3						-22 F
9A2139C	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7						-22 F
9A2139C	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3						-22 F
9A2139C	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8														
9A2139D	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7														
9A2139D	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3						-22 F
9A2139D	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7						-22 F
9A2139D	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3						-22 F
9A2139D	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8														
9A2139E	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7														
9A2139E	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3						-22 F
9A2139E	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7						-22 F
9A2139E	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3						-22 F

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NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

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Dr. Quilin Yu - Metallurgist

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.3750 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
9A2139E	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													

Items: 4 PCS: 16 Weight: 39205 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73556

GRANT ST.

Carrier's No. _____

(Name of Carrier)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at AUSTINTOWN OHIO 9-09 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OHIO Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50 FRACTURE CRITICAL			
6	3/8 x 96 x 240	14,702		
	HEAT # B9111735			
9	1/2 x 96 x 240	26,137		
	HEAT # 750334 1 (6)			
	750334 2 (3)			
		40,839		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

FREE per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION	HEAT #	WEIGHT	COST
PD25971	.375	96x240 A572-50	B9M335	FRACTURE CRITICAL	
25972	↓	↓ ↓	↓	↓	↓
25973					
25974					
25975					
25976					
PD28609	.500	96x240 A572-50	950B341	FRACTURE CRITICAL	
28610	↓	↓ ↓	↓	↓	↓
28611					
28612					
28613					
28614					
28584			950B342		
28585	↓	↓ ↓	↓ ↓	↓	↓

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PD25961-25976

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A572 50, 0.3750 IN x 96.000 IN x 240.000 IN

Quality Plan Description:
A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact

Sold TO:
KENILWORTH STEEL WARREN OH

Ship TO:
KENILWORTH STEEL Youngstown OH

Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
9A2139B	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139C	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139D	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	
9A2139E	B9M2735-03 ***	B9M2735	0.07	1.12	0.008	0.002	0.18	0.13	0.03	0.05	0.013	0.022	0.005	0.031	0.014	0.008	0.0001	0.0017		0.28	

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade	Customer:
Order Description: Hot Roll Plate From Coil A572 50, 0.3750 IN x 96.000 IN x 240.000 IN **Quality Plan Description:** A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact	**Sold TO:** KENILWORTH STEEL WARREN OH **Ship TO:** KENILWORTH STEEL Youngstown OH **Sent TO:**

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
9A2139E	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													

Items: 4 PCS: 16 Weight: 39205 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T208101	00000000836557	N-169929-001	45394-01 001		S83655701-1	01/30/2019 23:41

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.3750 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/IMP EACH: ASTM A572-15 GR 50/A709-15 GR 50F2 P Freq impact

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
9A2139B	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7													
9A2139B	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3					-22 F
9A2139B	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7					-22 F
9A2139B	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3					-22 F
9A2139B	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													
9A2139C	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7													
9A2139C	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3					-22 F
9A2139C	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7					-22 F
9A2139C	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3					-22 F
9A2139C	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													
9A2139D	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7													
9A2139D	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3					-22 F
9A2139D	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7					-22 F
9A2139D	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3					-22 F
9A2139D	S9A2139MTT	B9M2735-03 ***	75.7	86.7	87.3	25.8													
9A2139E	S9A2139FTT	B9M2735-03 ***	78.5	89.4	87.8	25.7													
9A2139E	S9A2139BLI	B9M2735-03 ***								7.5	152	133	184	156.3					-22 F
9A2139E	S9A2139FLI	B9M2735-03 ***								7.5	193	137	200	176.7					-22 F
9A2139E	S9A2139MLI	B9M2735-03 ***								7.5	140	133	130	134.3					-22 F

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

'***' indicates Heats melted and Manufactured in the U.S.A.

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

U S Bridge Corporation
PO Box 757
Cambridge OH 43725

Job No.: 1904-12-0884
Date: 4-23-19
Cust. PO#: 101486

Description: 1 sample 3/8" Plate Job# 180288-01
ID: Newark NJ-Structural Steel Bridge N19

Material: A572

Temp: Charpy Test Temperature @ +40° F
3/4 Size, Zone 2

Spec: ASTM A673-07(12)

TEST RESULTS

Charpy, ft-lbs

Cust. Req.: Full Size: 15 Min. Avg.,
3/4 Size: 11 Min. Avg.

Item	HT# B9M2735
1	118
2	112
3	151
Avg.	127

Test Method: ASTM A370-18, ASTM E23-18, Type A, Striker Radius 8mm

The above **Conforms** to the requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a guarantee or warranty of the condition of the materials tested. The results reported relate only to the items tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury, or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was performed at room temperature. All work was performed in accordance with TTML QA Manual Rev E, dated 01/01/2019.

A2LA ACCREDITED Certificate# 0161.01 & 0161.02

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 69786
BOL No. 65961

Carrier: GRANT STREET SERVICES

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Kenilworth Steel Company
8700 East Market St., Suite 11
Warren, OH 44484
Phone: 330.373.1885

Ship Date: 01/29/2019

*** TRUCKERS MUST TARP ALL LOADS ***

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) aggrees to carry to it's usual place of delivery to said destination, if on it's route, otherwise to deliver to anothe carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth in (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: US BRIDGE
201 WHEELING AVE

PO BOX 757
CAMBRIDGE, OH 43725-0757

Ship To: US BRIDGE
201 WHEELING AVE

PO BOX 757
CAMBRIDGE, OH 43725-0757
1-740-432-6334

Quantity	Description	Width	Length	Weight
Cust PO: STOCK-P-220		Sales Order: 58696		
4	3/16" ASTM A572-GR50 FCM 25'/# @40F ZONE 2 2 CLIPS ASTM A572 GR50	96"	240"	4,900
	Tag#: PD22780, Heat: B8W6341, Pcs: 1, Weight: 1225			
	Tag#: PD22781, Heat: B8W6341, Pcs: 1, Weight: 1225			
	Tag#: PD22782, Heat: B8W6341, Pcs: 1, Weight: 1225			
	Tag#: PD22783, Heat: B8W6341, Pcs: 1, Weight: 1225			
Cust PO: STOCK-P-220		Sales Order: 58696		
4	5/16" ASTM A572-GR50 FCM 25'/# @40F ZONE 2 2 - CLIPS ASTM A572 GR50	96"	240"	8,168
	Tag#: PD24464, Heat: 8507773, Pcs: 1, Weight: 2042			
	Tag#: PD24465, Heat: 8507772, Pcs: 1, Weight: 2042			
	Tag#: PD24495, Heat: 8507772, Pcs: 1, Weight: 2042			
	Tag#: PD24496, Heat: 8507772, Pcs: 1, Weight: 2042			
	Total Weight:			**13,068**

If charges are to be prepaid, write or stamp here, "To be Prepaid."

PREPAID

Received $

to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per

(The signature here acknowledges only the amount prepaid)

Charges Advanced:

$

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges

Frank Kse r

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight.
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

AUDIT CONTROL NO.

CARRIER CUSTOMER

PER

PER DATE 1-29-19

Permanent post office address of shipper

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

NUCOR
NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PO 22773-22806

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T198414	00000000816760	N-167430-003	11-45249 3		S81676001-1	10/17/2018 14:47

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.1875 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Heat Number B8W6341
Shipper No 58696
Customer PO# STOCK-P-220
Customer Name US BRIDGE

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
8J0391C	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0391D	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0391E	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0393BB	A8W3799-01 ***	A8W3799	0.05	1.17	0.009	0.002	0.06	0.16	0.05	0.05	0.023	0.003	0.021	0.034	0.002	0.007	0.0002	0.0011			

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
8J0391C	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391C	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0391D	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391D	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0391E	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391E	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0393BB	S8J0393FTT	A8W3799-01 ***	74.7	83.4	89.6	17.5													
8J0393BB	S8J0393MTT	A8W3799-01 ***	74.4	83.9	88.7	18.8													

Items: 4 PCS: 34 Weight: 41655 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Quilin Yu

Dr. Quilin Yu - Metallurgist

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73449

BASEL FLATBED SERVICES

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at ALLIANCE OHIO 4-02 20 24 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to VS BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OH Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50			
5	.1875 x 96 x 240	6.125		
	HEAT # 15W6341 (5)			
5	.250 x 96 x 240	8.168		
	HEAT # 15U5903 (5)			
		14.293		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

_____ per _____

The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

NUCOR
NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PD22773-27806

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T198414	00000000816760	N-167430-003	11-45249 3		S81676001-1	10/17/2018 14:47

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.1875 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
8J0391C	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0391D	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0391E	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0393BB	A8W3799-01 ***	A8W3799	0.05	1.17	0.009	0.002	0.06	0.16	0.05	0.05	0.023	0.003	0.021	0.034	0.002	0.007	0.0002	0.0011			

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
8J0391C	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391C	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0391D	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391D	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0391E	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391E	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0393BB	S8J0393FTT	A8W3799-01 ***	74.7	83.4	89.6	17.5													
8J0393BB	S8J0393MTT	A8W3799-01 ***	74.4	83.9	88.7	18.8													

Items: 4 PCS: 34 Weight: 41655 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22780

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	48	2-1	45
2	44	2	43
3	45	3	43
Avg.	46	Avg.	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22781

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	41	**2-1**	41
2	41	**2**	45
3	45	**3**	45
Avg.	43	**Avg.**	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22782

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	40	2-1	43
2	44	2	48
3	41	3	42
Avg.	42	Avg.	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22783

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	42	2-1	43
2	45	2	45
3	44	3	42
Avg.	43	Avg.	43

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION	HEAT #	WEIGHT	COST
1) 22262	x.250	96x240 A572-50	B8U5903		
22263	x				
22264	x				
22265	x				
22266	x				
1) 22787	x.1875	96x240 A572-50	B8W6341		
22788	x				
22789	x				
22790	x				
22791	x				
1) 25765	x.625	96x240 A572-50	A9M0334	FRACTURE CRITICAL	

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73487

BASEL FLAT BED SERVICES

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at ALLIANCE OHIO 5-13 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OH Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A-588			
6	1/2 x 96 x 240	19.602		
	HEAT # B9M2509 (4)			
	811C05380 (2)			
2	3/8 x 96 x 240			
	HEAT # A9M0020 (2)	4.900		
	A572-50			
4	3/16 x 96 x 240	4,901		
	HEAT # B8W6341 (4)			
		39.404		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per _____

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ 5-13-19 Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

3

1184

LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION		HEAT #	WEIGHT	COST
PD22796	.1875	96x240	A572-50	B8W6341		
22797	"	"	"	"		
22798	"	"	"	"		
22799	"	"	"	"		
PD26323	.500	96x240	A-588	B9M2509		
26324	"	"	"	"		
26325	"	"	"	"		
26326	"	"	"	"		
24717	"	"	"	811C05380		
24718	"	"	"	"		
PD26289	.375	96x240	A-588	A9M0020		
26290	"	"	"	"		

NUCOR
NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PO 22773-22806

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T198414	00000000816760	N-167430-003	11-45249 3		S81676001-1	10/17/2018 14:47

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A572 50, 0.1875 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
8J0391C	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0391D	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0391E	B8W6341-04 ***	B8W6341	0.05	1.16	0.008	0.003	0.04	0.16	0.05	0.04	0.021	0.003	0.023	0.030	0.002	0.007	0.0002	0.0013			
8J0393BB	A8W3799-01 ***	A8W3799	0.05	1.17	0.009	0.002	0.06	0.16	0.05	0.05	0.023	0.003	0.021	0.034	0.002	0.007	0.0002	0.0011			

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
8J0391C	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391C	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0391D	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391D	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0391E	S8J0391FTT	B8W6341-04 ***	70.1	81.7	85.8	19.6													
8J0391E	S8J0391MTT	B8W6341-04 ***	74.8	83.7	89.4	17.0													
8J0393BB	S8J0393FTT	A8W3799-01 ***	74.7	83.4	89.6	17.5													
8J0393BB	S8J0393MTT	A8W3799-01 ***	74.4	83.9	88.7	18.8													

Items: 4 **PCS:** 34 **Weight:** 41655 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

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METALLURGICAL LABORATORY

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4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22780

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	48	**2-1**	45
2	44	**2**	43
3	45	**3**	43
Avg.	46	**Avg.**	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description:	2 samples	3/16" x 5" x 5" Plate	Heat# B8W6341	Plate# PD22781
Material:	A572-50			
Spec:	ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2			
Temp:	Charpy Test Temperature @ +40°F 1/3 Size			

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	41	2-1	41
2	41	2	45
3	45	3	45
Avg.	43	Avg.	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description:	2 samples	3/16" x 5" x 5" Plate	Heat# B8W6341	Plate# PD22782
Material:	A572-50			
Spec:	ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2			
Temp:	Charpy Test Temperature @ +40°F 1/3 Size			

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	40	2-1	43
2	44	2	48
3	41	3	42
Avg.	42	Avg.	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22783

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	42	**2-1**	43
2	45	**2**	45
3	44	**3**	42
Avg.	43	**Avg.**	43

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1903-26-1686
Date: 3-28-19
Cust. PO#: T-400

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22787

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
1-1	41	2-1	44
2	41	2	43
3	44	3	43
Avg.	42	Avg.	43

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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TTML TENSILE TESTING
METALLURGICAL LABORATORY

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www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1903-26-1686
Date: 3-28-19
Cust. PO#: T-400

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22788

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
1-1	46	**2-1**	44
2	44	**2**	45
3	44	**3**	34
Avg.	44	**Avg.**	41

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1903-26-1686
Date: 3-28-19
Cust. PO#: T-400

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22789

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
1-1	42	2-1	44
2	43	2	42
3	44	3	42
Avg.	43	Avg.	43

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CLEVELAND, OHIO 44125
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FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1903-26-1686
Date: 3-28-19
Cust. PO#: T-400

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22790

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
1-1	42	**2-1**	44
2	44	**2**	43
3	45	**3**	47
Avg.	44	**Avg.**	45

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1903-26-1686
Date: 3-28-19
Cust. PO#: T-400

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22791

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
1-1	42	2-1	44
2	43	2	43
3	48	3	44
Avg.	44	Avg.	43

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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B/L 73487

TTML TENSILE TESTING METALLURGICAL LABORATORY

A DIVISION OF J T ADAMS CO , INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www tensile com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1905-07-0460
Date: 5-13-19
Cust. PO#: T-412

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22796

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
A-1	45	B-1	48
2	48	2	47
3	48	3	47
Avg.	47	Avg.	47

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J T ADAMS CO., INC
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1905-07-0460
Date: 5-13-19
Cust. PO#: T-412

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22797

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
A-1	50	B-1	45
2	47	2	48
3	48	3	46
Avg.	48	Avg.	46

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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TTML TENSILE TESTING
METALLURGICAL LABORATORY

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4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
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FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1905-07-0460
Date: 5-13-19
Cust. PO#: T-412

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22798

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
A-1	48	**B-1**	45
2	43	**2**	45
3	46	**3**	48
Avg.	46	**Avg.**	46

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1905-07-0460
Date: 5-13-19
Cust. PO#: T-412

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22799

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min
A-1	47	B-1	48
2	49	2	47
3	49	3	45
Avg.	49	Avg.	47

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

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S/O 58696

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CLEVELAND, OHIO 44125
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TTML TENSILE TESTING METALLURGICAL LABORATORY

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22780

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	48	2-1	45
2	44	2	43
3	45	3	43
Avg.	46	Avg.	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

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TTML TENSILE TESTING METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22781

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	41	2-1	41
2	41	2	45
3	45	3	45
Avg.	43	Avg.	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

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A2LA ACCREDITED

TTML TENSILE TESTING
METALLURGICAL LABORATORY

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4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22782

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	40	2-1	43
2	44	2	48
3	41	3	42
Avg.	42	Avg.	44

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Michael Gaylor
Authorized Agent

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CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1483
Date: 1-29-19
Cust. PO#: T-378

Description: 2 samples 3/16" x 5" x 5" Plate Heat# B8W6341 Plate# PD22783

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
1/3 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/3 Size: 8 Min.
1-1	42	2-1	43
2	45	2	45
3	44	3	42
Avg.	43	Avg.	43

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

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STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Trailer No: Chad (L-17)
Load No: 867550
BOL No: 854574

Carrier: MARTY LOCKE TRUCKING

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading .

From: Infra-Metals Co. - NEW BOSTON
1 Sturgill's Way
New Boston, OH 45662
Phone: 877-741-8806

CUSTOMER COPY

CERTS W/ TRUCK

Date:10/03/2019

2

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination , if on its route, otherwise to deliver to another carrier on the route t said destination. It is mutually agreed, as to each carrier of all or any of said property , that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof . If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment . Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading , including those on the back thereof , set forth in the classificationor tariff which governs the transportation of this shipment , and the said terms anc conditions are hereby agreed to by the shipper and accepted for himself and his assigns .

Sold To: US BRIDGE
201 WHEELING AVENUE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434
Contact:

Ship To: US BRIDGE
201 WHEELING AVE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434

Quantity	Description	Width	Length	Weight
Cust PO: 199183-02	Sales Order: 1545812	Inside Salesperson: Dan Fitts		
4	WIDE FLANGE 27 X 114#		32' 6"	14,820
	ASTM - A992 X X X X			
	Heat Numbers: 513520(2) 514235(2)		SHOP 18	
	m&m in usa			Net Wt.: 14,820
Cust PO: 199183-02	Sales Order: 1545812	Inside Salesperson: Dan Fitts		
5	WIDE FLANGE 27 X 114#		35' 0"	19,950
	ASTM - A992 X X X X X			
	Heat Numbers: A168576(1) 513520(2) 514235(2)		SHOP 18	
	m&m in usa			Net Wt.: 19,950

Shipping Instructions:
Receiving Hours:
Max Bundle Weight: 0
Spacers:

Sales Order Total 34,770

Messages:
Please send the mill certs and BOL for each load ahead of Truck to ;
On skids or bundles add tag with pc count of each heat
All material must be melted and manufactured in the USA
Tina Barnett – tbarnett@usbridge.com
Mike Mesarchik – mmesarchik@usbridge.com

9

Grand Total Ship To : 34,770

34,770

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Trailer No: Chad (L-17)
Load No: 867550
BOL No: 854574

Carrier: MARTY LOCKE TRUCKING

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading .

From: Infra-Metals Co. - NEW BOSTON
1 Sturgill's Way
New Boston, OH 45662
Phone: 877-741-8806

Date:10/03/2019

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination , if on its route, otherwise to deliver to another carrier on the route t said destination. It is mutually agreed, as to each carrier of all or any of said property , that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof . If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment . Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading , including those on the back thereof , set forth in the classificationor tariff which governs the transportation of this shipment , and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns .

Sold To: US BRIDGE
201 WHEELING AVENUE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434
Contact:

Ship To: US BRIDGE
201 WHEELING AVE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434

Quantity	Description	Width	Length	Weight

*****VERIFY LOAD, YOU ARE RESPONSIBLE FOR WHAT YOU SIGN FOR .*****
*****All discrepencies MUST be reported within 24 hours*****

Date _____ Driver Sig _____ Consignee Sig_____

Print _____ Print_____

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end -user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end -user(s), either in their original form or after being incorporated into other items , without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. A copy of the AES Filing must be sent to export @infra-metals.com as soon as filed. This is a requirement of part 762 of U.S. Export Administration Regulations.

Heat Number A168576

Shipper No 1545812

Customer PO# 199183-02

Customer Name US BRIDGE

Steel Dynamics, Inc.
Long Products Group
Structural and Rail Division
2601 S County Road 700 East
Columbia City, Indiana 46725
(260) 625-8100 (260) 625-8950 FAX

CERTIFIED MILL TEST REPORT

Printed: 09 / 29 / 2019
Produced: 09 / 11 / 2019

Ship to: Customer # 001369
Infra Metals - New Boston
1 Sturgill's Way
New Boston OH, 45662 US
Attn: Brandon Evans

Bill to:
Infra Metals - New Boston
1 Sturgill's Way
New Boston OH, 45662 US
Attn: Brandon Evans

Quality Steel 100% EAF Melted and Manufactured in the USA
Recycled content: PC = 75.0%, PI = 22.0%
ISO 9001:2015 and ABS Certified
CMTR complies with EN 10204 3.1.

GENERAL INFORMATION

Product	Wide Flange Beam
Size	W27X114
	W690X170
Heat Number	A168576
Condition(s)	As-Rolled
	Fine Grained
	Fully Killed
	No Weld Repair

SPECIFICATIONS

Standards	Grades*
ASTM A6/A6M - 17a	
» ASTM A992/A992M - 11	A992 / A992M
ASTM A572/A572M - 18	A572 gr50/gr345
ASTM A709/A709M - 17e1	A709 gr50/gr345
AASHTO M270M/M270 - 15	M270 gr345/gr50
CSA G40.21-13	50WM/345WM
ASTM A36/A36M - 14	A36 / A36M

*SDI-MULTI meets the requirements of ASTM A992, A572-50, A529-50, A709-50, M270-50, A36, A709-36, M270-36, CSA300W, CSA345WM, CSA350W

SHIPMENT DETAILS

BOL # 0000566138 - 3990.00 lbs

Bundle / ASN #	Length	pcs	Cust PO | Job/Reference
022731088	35' 0"	1	OH-581656

CHEMICAL ANALYSIS (weight percent)

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Nb/Cb	Al	N	B	*C1	*C2	*C3	*PC	*I	Analysis Type
.07	1.26	.009	.024	.25	.39	.12	.10	.05	.015	.046	<.001	.002	.0111	.0004	.35	.395	.30	.18	5.72	Heat

MECHANICAL TESTING

Test	Yield (fy) Strength ksi / MPa	Tensile (fu) Strength ksi / MPa	fy / fu ratio	% Elong. (8" gage)
1	59 / 405	72 / 495	.82	27
2	61 / 420	73 / 505	83	26
3				
4				

CHARPY IMPACT TESTS (available only when specified at time of order)

Test	Temp F / C	Absorbed Energy ft-lbf / J Specimen 1	Specimen 2	Specimen 3	Average	Minimum
1						
2						
3						
4						
5						
6						
7						

Notes: *Calculated Chemistry Values. Carbon Equivalents (C1, C2, C3, PC). Corrosion Index (I) {ASTM G101}= 26.01(Cu)+3.88(Ni)+1.20(Cr)+1.49(Si)+17.28(P)-7.29(Cu)(Ni)-9.10(Ni)(P)-33.39(Cu²) Pcm{AWS} = C+Si/30+Mn/20+Cu/20+Ni/60+Cr/20+mo/15+V/10+5B
CE1 {IIW}=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15 CE2 {AWS}=C+(Mn+Si)/6+(Cr+Mo+V)/5+(Ni+Cu)/15 CE3 {CET} = C + (Mn/6) + (Si/24) + (Cr/5) + (Ni/40) +(Mo/4) + (V/14)

I hereby certify that the material described herein has been made to the applicable specification by the electric arc furnace/continuous cast process and tested in accordance with the requirements of American Bureau of Shipping Rules with satisfactory results.

Signed:

ABS CERTIFICATION

I hereby certify that the content of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated requirements.

Signed: **Todd Bashford** Quality Manager

Form F-8100-002-054 rev 8

State of Indiana, County of Whitley Sworn to and subscribed before me this _____ day of _____

Signed: _____ My commission expires: _____
Notary Public

ASTM A6 - 14.6: A signature is not required on the test report; however, the document shall clearly identify the organization submitting the report. Notwithstanding the absence of a signature, the organization submitting the report is responsible for the content of the report

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

U S Bridge Corporation
PO Box 757
Cambridge OH 43725

Job No.: 1910-11-0801
Date: 10-15-19
Cust. PO#: 101637

Description: 3 samples W27 x 114 Job# 199183
ID: Madison, Co Rehabilitation of Grewell Rd Truss (PID106640)

Material: A572

Temp: Charpy Test Temperature @ +40° F
3/4 Size, Zone 2

Spec: ASTM A673-07(12)

TEST RESULTS

Charpy, ft-lbs

Cust. Req.: Full Size: 25 Min. Avg.,
3/4 Size: 19 Min. Avg.

Item	Heat# 513520	Heat# 514235	Heat# A168576
1	120	117	160
2	143	132	148
3	159	153	194
Avg.	140	134	167

Test Method: ASTM A370-18, ASTM E23-18, Type A, Striker Radius 8mm

The above **Conforms** to the requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a guarantee or warranty of the condition of the materials tested. The results reported relate only to the items tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury, or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was performed at room temperature. All work was performed in accordance with TTML QA Manual Rev E, dated 01/01/2019.

A2LA ACCREDITED Certificate# 0161.01 & 0161.02

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Trailer No: Chad (L-17)
Load No: 867550
BOL No: 854574

Carrier: MARTY LOCKE TRUCKING

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading .

From: Infra-Metals Co. - NEW BOSTON
1 Sturgill's Way
New Boston, OH 45662
Phone: 877-741-8806

CUSTOMER COPY

CERTS W/ TRUCK

Date:10/03/2019

2

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination , if on its route, otherwise to deliver to another carrier on the route t said destination. It is mutually agreed, as to each carrier of all or any of said property , that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof . If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment . Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading , including those on the back thereof , set forth in the classificationor tariff which governs the transportation of this shipment , and the said terms anc conditions are hereby agreed to by the shipper and accepted for himself and his assigns .

Sold To: US BRIDGE
201 WHEELING AVENUE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434
Contact:

Ship To: US BRIDGE
201 WHEELING AVE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434

Quantity	Description	Width	Length	Weight
Cust PO: 199183-02	Sales Order: 1545812	Inside Salesperson: Dan Fitts		
4	WIDE FLANGE 27 X 114#		32' 6"	14,820
	ASTM - A992 X X X X			
	Heat Numbers: 513520(2) 514235(2)		SHOP 18	
	m&m in usa			Net Wt.: 14,820
Cust PO: 199183-02	Sales Order: 1545812	Inside Salesperson: Dan Fitts		
5	WIDE FLANGE 27 X 114#		35' 0"	19,950
	ASTM - A992 X X X X X			
	Heat Numbers: A168576(1) 513520(2) 514235(2)		SHOP 18	
	m&m in usa			Net Wt.: 19,950

Shipping Instructions:
Receiving Hours:
Max Bundle Weight: 0
Spacers:

Sales Order Total 34,770

Messages:
Please send the mill certs and BOL for each load ahead of Truck to ;
On skids or bundles add tag with pc count of each heat
All material must be melted and manufactured in the USA
Tina Barnett – tbarnett@usbridge.com
Mike Mesarchik – mmesarchik@usbridge.com

9

Grand Total Ship To : 34,770

34,770

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Trailer No: Chad (L-17)
Load No: 867550
BOL No: 854574

Carrier: MARTY LOCKE TRUCKING

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading .

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1 Sturgill's Way
New Boston, OH 45662
Phone: 877-741-8806

Date:10/03/2019

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CAMBRIDGE, OH 43725

Phone: 1-888-872-7434
Contact:

Ship To: US BRIDGE
201 WHEELING AVE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434

Quantity	Description	Width	Length	Weight

*****VERIFY LOAD, YOU ARE RESPONSIBLE FOR WHAT YOU SIGN FOR .*****
*****All discrepencies MUST be reported within 24 hours*****

Date _____ Driver Sig _____ Consignee Sig_____

Print _____ Print_____

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end -user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end -user(s), either in their original form or after being incorporated into other items , without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. A copy of the AES Filing must be sent to export @infra-metals.com as soon as filed. This is a requirement of part 762 of U.S. Export Administration Regulations.

Heat Number 513520

Shipper No 1545812

Customer PO# 199183-02

Customer Name US BRIDGE

Invoice No.	979854
Bill of Lading	396278
Customer No.	8870
Customer PO	OH-581655

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228: BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT
100% Melted and Manufactured in U.S.A
All Shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice

Date	2019-10-02

SOLD TO
INFRA-METALS CORP.
1 STURGILL'S WAY
NEW BOSTON OH 45662
USA

SHIP TO
INFRA-METALS CORP.
1 STURGILL'S WAY
NEW BOSTON OH 45662
USA

ASTM A992/A992M-11 A572/A572M GR50-15
ASTM A709/A709M-15 GR50 (345)
ASTM A709/A709M-15 GR50S (345S)
CSA G40.21-13 50WM (345WM)
ASTM A6/A6M-14

Item	# Item Description	QTY	Heat#	Mechanical Properties							Chemical Properties													
				Yield to Tensile Ratio	Yield Strength	Tensile Strength	ELONG	Charpy Impact Temp	Charpy Impact Energy	Charpy Impact Loc	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	Sn	Pcm	Cl
					KSI MPa	KSI MPa	% %	°F °C	ft-lbf J																
1	W27X114 0 32 ft 6 in W690X170 (9.91 m)	2	513520	0.77 0.78	54 55 375 377	71 70 488 485	27 27				.07	1.10	.014	.028	.22	.30	11	.10	.03	.01	.022	.31	.01	.16	
2	W27X114.0 35 ft 0 in W690X170 (10.67 m)	2	513520	0.77 0.78	54 55 375 377	71 70 488 485	27 27				.07	1.10	.014	.028	.22	.30	11	10	03	.01	.022	.31	.01	16	
3	W27X114 0 32 ft 6 in W690X170 (9.91 m)	2	514235	0.76 0.76	53 53 366 364	70 69 484 478	28 28				.07	1.00	.013	.026	20	29	13	11	.04	.01	.023	.29	.01	15	
4	W27X114.0 35 ft 0 in W690X170 (10.67 m)	2	514235	0.76 0.76	53 53 366 364	70 69 484 478	28 28				.07	1.00	.013	.026	.20	29	13	11	.04	.01	.023	.29	.01	.15	

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

Pcm= C+Si/30+Mn/20+Cu/20+Ni/60+Cr/20+Mo/15+V/10+5B(B=Approx 0005)

Corrosion Index= 26.01(%Cu)+3.88(%Ni)+1.2(%Cr)+1.49(%Si)+17 28(%P)-7.29(%Cu)(%Ni)-9.10(%Ni)(%P)-33 39(%Cu)^2

ISO 9001:2015 certified (Registration # 0985-07)

Meets mechanical lab independence requirements of EN10204 type 3.1.

The Charpy machine striker geometry used by Nucor-Yamato Steel is the 8 mm (0.315")striker (KV_8) per ASTM A370 Section 22.1.2 and ISO 148-1 Section 7.3.

CARBON EQUIVALENT CE= C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15

Mercury has not been used in the direct manufacturing of this material

This material was produced in accordance with the Nucor-Yamato Steel Quality Manual.

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Gary Lemell
Chief Metallurgist

State of Arkansas
County of Mississippi
Sworn to and subscribed before me
Deborah Ann Rhodes
on 2019-10-02
My commission expires on 07/17/2023

DEBORAH ANN RHODES
Commission # 12381825
NOTARY PUBLIC
My Commission Expires 7/17/2023
STATE OF ARKANSAS - MISSISSIPPI COUNTY

Invoice No.	979854
Bill of Lading	396278
Customer No.	8870
Customer P.O	OH-581655

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228: BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT
100% Melted and Manufactured in U.S.A
All Shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice

Date	2019-10-02

SOLD TO
INFRA-METALS CORP.
1 STURGILL'S WAY
NEW BOSTON OH 45662
USA

SHIP TO
INFRA-METALS CORP.
1 STURGILL'S WAY
NEW BOSTON OH 45662
USA

ASTM A992/A992M-11 A572/A572M GR50-15
ASTM A709/A709M-15 GR50 (345)
ASTM A709/A709M-15 GR50S (345S)
CSA G40.21-13 50WM (345WM)
ASTM A6/A6M-14

Item	# Item Description	QTY	Heat#	Mechanical Properties								Chemical Properties														
				Yield to Tensile Ratio	Yield Strength	Tensile Strength	ELONG	Charpy Impact				C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	Sn	Pcm	Cl
								Temp	Impact Energy		Loc															
					KSI	KSI	%	° F	ft-lbf																		
					MPa	MPa	%	° C	J																		
1	W27X114 0 32 ft 6 in W690X170 (9.91 m)	2	513520	0.77 0.78	54 55 375 377	71 70 488 485	27 27					.07	1.10	.014	.028	.22	.30	11	.10	03	.01	.022	.31	.01	.16	
2	W27X114.0 35 ft 0 In W690X170 (10.67 m)	2	513520	0.77 0.78	54 55 375 377	71 70 488 485	27 27					.07	1.10	.014	.028	.22	.30	11	10	03	.01	.022	.31	.01	16	
3	W27X114 0 32 ft 6 in W690X170 (9.91 m)	2	514235	0.76 0.76	53 53 366 364	70 69 484 478	28 28					.07	1.00	.013	.026	20	29	13	11	04	.01	.023	.29	.01	15	
4	W27X114.0 35 ft 0 In W690X170 (10.67 m)	2	514235	0.76 0.76	53 53 366 364	70 69 484 478	28 28					.07	1.00	.013	.026	.20	.29	13	11	.04	.01	.023	.29	.01	.15	

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
Pcm= C+Si/30+Mn/20+Cu/20+Ni/60+Cr/20+Mo/15+V/10+5B(B=Approx 0005)
Corrosion Index= 26.01(%Cu)+3.88(%Ni)+1.2(%Cr)+1.49(%Si)+17 28(%P)-7.29(%Cu)(%Ni)-9.10(%Ni)(%P)-33 39(%Cu)^2
ISO 9001:2015 certified (Registration # 0985-07)
Meets mechanical lab independence requirements of EN10204 type 3.1.
The Charpy machine striker geometry used by Nucor-Yamato Steel is the 8 mm (0.315")striker (KV_8) per ASTM A370 Section 22.1.2 and ISO 148-1 Section 7.3.

CARBON EQUIVALENT CE= C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15
Mercury has not been used in the direct manufacturing of this material
This material was produced in accordance with the Nucor-Yamato Steel Quality Manual

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Chief Metallurgist

State of Arkansas
County of Mississippi
Sworn to and subscribed before me
on 2019-10-02
My commission expires on 07/17/2023

DEBORAH ANN RHODES
Commission # 12371225
NOTARY PUBLIC
STATE OF ARKANSAS-MISSISSIPPI COUNTY
My Commission Expires 7-17-2023

Heat Number 513520
Shipper No 1545812
Customer PO# 199183-02
Customer Name US BRIDGE

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

U S Bridge Corporation
PO Box 757
Cambridge OH 43725

Job No.: 1910-11-0801
Date: 10-15-19
Cust. PO#: 101637

Description: 3 samples W27 x 114 Job# 199183
ID: Madison, Co Rehabilitation of Grewell Rd Truss (PID106640)

Material: A572

Temp: Charpy Test Temperature @ +40° F
3/4 Size, Zone 2

Spec: ASTM A673-07(12)

TEST RESULTS

Charpy, ft-lbs

Cust. Req.: Full Size: 25 Min. Avg.,
3/4 Size: 19 Min. Avg.

Item	Heat# 513520	Heat# 514235	Heat# A168576
1	120	117	160
2	143	132	148
3	159	153	194
Avg.	140	134	167

Test Method: ASTM A370-18, ASTM E23-18, Type A, Striker Radius 8mm

The above **Conforms** to the requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a guarantee or warranty of the condition of the materials tested. The results reported relate only to the items tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury, or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was performed at room temperature. All work was performed in accordance with TTML QA Manual Rev E, dated 01/01/2019.

A2LA ACCREDITED Certificate# 0161.01 & 0161.02

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Trailer No: Chad (L-17)
Load No: 867550
BOL No: 854574

Carrier: MARTY LOCKE TRUCKING

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading .

From: Infra-Metals Co. - NEW BOSTON
1 Sturgill's Way
New Boston, OH 45662
Phone: 877-741-8806

CUSTOMER COPY

CERTS W/ TRUCK

Date:10/03/2019

2

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination , if on its route, otherwise to deliver to another carrier on the route t said destination. It is mutually agreed, as to each carrier of all or any of said property , that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof . If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment . Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading , including those on the back thereof , set forth in the classificationor tariff which governs the transportation of this shipment , and the said terms anc conditions are hereby agreed to by the shipper and accepted for himself and his assigns .

Sold To: US BRIDGE
201 WHEELING AVENUE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434
Contact:

Ship To: US BRIDGE
201 WHEELING AVE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434

Quantity	Description	Width	Length	Weight
Cust PO: 199183-02	Sales Order: 1545812	Inside Salesperson: Dan Fitts		
4	WIDE FLANGE 27 X 114#		32' 6"	14,820
	ASTM - A992 X X X X			
	Heat Numbers: 513520(2) 514235(2)		SHOP 18	
	m&m in usa			Net Wt.: 14,820
Cust PO: 199183-02	Sales Order: 1545812	Inside Salesperson: Dan Fitts		
5	WIDE FLANGE 27 X 114#		35' 0"	19,950
	ASTM - A992 X X X X X			
	Heat Numbers: A168576(1) 513520(2) 514235(2)		SHOP 18	
	m&m in usa			Net Wt.: 19,950

Shipping Instructions:
Receiving Hours:
Max Bundle Weight: 0
Spacers:

Sales Order Total 34,770

Messages:
Please send the mill certs and BOL for each load ahead of Truck to ;
On skids or bundles add tag with pc count of each heat
All material must be melted and manufactured in the USA
Tina Barnett – tbarnett@usbridge.com
Mike Mesarchik – mmesarchik@usbridge.com

9

Grand Total Ship To : 34,770

34,770

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Trailer No: Chad (L-17)
Load No: 867550
BOL No: 854574

Carrier: MARTY LOCKE TRUCKING

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New Boston, OH 45662
Phone: 877-741-8806

Date:10/03/2019

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CAMBRIDGE, OH 43725

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Ship To: US BRIDGE
201 WHEELING AVE
CAMBRIDGE, OH 43725

Phone: 1-888-872-7434

Quantity	Description	Width	Length	Weight

*****VERIFY LOAD, YOU ARE RESPONSIBLE FOR WHAT YOU SIGN FOR .*****
*****All discrepencies MUST be reported within 24 hours*****

Date _____ Driver Sig _____ Consignee Sig_____

Print _____ Print_____

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Heat Number 514235

Shipper No 1545812

Customer PO# 199183-02

Customer Name US BRIDGE

Invoice No.	979854
Bill of Lading	396278
Customer No.	8870
Customer P.O	OH-581655

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228: BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT
100% Melted and Manufactured in U.S.A
All Shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice

Date	2019-10-02

SOLD TO
INFRA-METALS CORP.
1 STURGILL'S WAY
NEW BOSTON OH 45662
USA

SHIP TO
INFRA-METALS CORP.
1 STURGILL'S WAY
NEW BOSTON OH 45662
USA

ASTM A992/A992M-11 A572/A572M GR50-15
ASTM A709/A709M-15 GR50 (345)
ASTM A709/A709M-15 GR50S (345S)
CSA G40.21-13 50WM (345WM)
ASTM A6/A6M-14

Item	# Item Description	QTY	Heat#	Mechanical Properties							Chemical Properties														
				Yield to Tensile Ratio	Yield Strength KSI / MPa	Tensile Strength KSI / MPa	ELONG % / %	Charpy Impact Temp ° F / ° C	Impact Energy ft•lbf / J	Loc	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	Sn	Pcm	Cl
1	W27X114 0 32 ft 6 in W690X170 (9.91 m)	2	513520	0.77 0.78	54 55 375 377	71 70 488 485	27 27				.07	1.10	.014	.028	.22	.30	11	.10	.03	.01	.022	.31	.01	.16	
2	W27X114.0 35 ft 0 in W690X170 (10.67 m)	2	513520	0.77 0.78	54 55 375 377	71 70 488 485	27 27				.07	1.10	.014	.028	.22	.30	11	10	03	.01	.022	.31	.01	16	
3	W27X114 0 32 ft 6 in W690X170 (9.91 m)	2	514235	0.76 0.76	53 53 366 364	70 69 484 478	28 28				.07	1.00	.013	.026	20	29	13	11	.04	.01	.023	.29	.01	15	
4	W27X114.0 35 ft 0 in W690X170 (10.67 m)	2	514235	0.76 0.76	53 53 366 364	70 69 484 478	28 28				.07	1.00	.013	.026	.20	.29	13	11	.04	.01	.023	.29	.01	.15	

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
Pcm= C+Si/30+Mn/20+Cu/20+Ni/60+Cr/20+Mo/15+V/10+5B(B=Approx 0005)
Corrosion Index= 26.01(%Cu)+3.88(%Ni)+1.2(%Cr)+1.49(%Si)+17 28(%P)-7.29(%Cu)(%Ni)-9.10(%Ni)(%P)-33 39(%Cu)^2
ISO 9001:2015 certified (Registration # 0985-07)
Meets mechanical lab independence requirements of EN10204 type 3.1.
The Charpy machine striker geometry used by Nucor-Yamato Steel is the 8 mm (0.315")striker (KV_8) per ASTM A370 Section 22.1.2 and ISO 148-1 Section 7.3.

CARBON EQUIVALENT CE= C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15
Mercury has not been used in the direct manufacturing of this material
This material was produced in accordance with the Nucor-Yamato Steel Quality Manual

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Chief Metallurgist

State of Arkansas
County of Mississippi
Sworn to and subscribed before me
on 2019-10-02
My commission expires on 07/17/2023

DEBORAH ANN RHODES
Commission # 12371495
NOTARY PUBLIC
My Commission Expires 7-17-2023
STATE OF ARKANSAS - MISSISSIPPI COUNTY

Invoice No.	979854
Bill of Lading	396278
Customer No.	8870
Customer P.O.	OH-581655

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228: BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT
100% Melted and Manufactured in U.S.A
All Shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice

Date	2019-10-02

SOLD TO: INFRA-METALS CORP.
1 STURGILL'S WAY
NEW BOSTON OH 45662
USA

SHIP TO: INFRA-METALS CORP.
1 STURGILL'S WAY
NEW BOSTON OH 45662
USA

ASTM A992/A992M-11 A572/A572M GR50-15
ASTM A709/A709M-15 GR50 (345)
ASTM A709/A709M-15 GR50S (345S)
CSA G40.21-13 50WM (345WM)
ASTM A6/A6M-14

Item	# Item Description	QTY	Heat#	Mechanical Properties								Chemical Properties													
				Yield to Tensile Ratio	Yield Strength	Tensile Strength	ELONG	Charpy Impact				C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	Sn	Pcm	Cl
								Temp	Impact Energy		Loc															
					KSI	KSI	%	° F	ft-lbf																	
					MPa	MPa	%	° C	J																	
1	W27X114 0 32 ft 6 in W690X170 (9.91 m)	2	513520	0.77 0.78	54 55 375 377	71 70 488 485	27 27					.07	1.10	.014	.028	.22	.30	11	.10	.03	.01	.022	.31	.01	.16	
2	W27X114.0 35 ft 0 in W690X170 (10.67 m)	2	513520	0.77 0.78	54 55 375 377	71 70 488 485	27 27					.07	1.10	.014	.028	.22	.30	11	10	.03	.01	.022	.31	.01	16	
3	W27X114 0 32 ft 6 in W690X170 (9.91 m)	2	514235	0.76 0.76	53 53 366 364	70 69 484 478	28 28					.07	1.00	.013	.026	20	29	13	11	.04	.01	.023	.29	.01	15	
4	W27X114.0 35 ft 0 in W690X170 (10.67 m)	2	514235	0.76 0.76	53 53 366 364	70 69 484 478	28 28					.07	1.00	.013	.026	.20	.29	13	11	.04	.01	.023	.29	.01	.15	

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
Pcm= C+Si/30+Mn/20+Cu/20+Ni/60+Cr/20+Mo/15+V/10+5B(B=Approx 0005)
Corrosion Index= 26.01(%Cu)+3.88(%Ni)+1.2(%Cr)+1.49(%Si)+17 28(%P)-7.29(%Cu)(%Ni)-9.10(%Ni)(%P)-33 39(%Cu)^2
ISO 9001:2015 certified (Registration # 0985-07)
Meets mechanical lab independence requirements of EN10204 type 3.1.
The Charpy machine striker geometry used by Nucor-Yamato Steel is the 8 mm (0.315")striker (KV_8) per ASTM A370 Section 22.1.2 and ISO 148-1 Section 7.3.

CARBON EQUIVALENT CE= C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15
Mercury has not been used in the direct manufacturing of this material
This material was produced in accordance with the Nucor-Yamato Steel Quality Manual.

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Chief Metallurgist

State of Arkansas
County of Mississippi
Sworn to and subscribed before me
on 2019-10-02
My commission expires on 07/17/2023

DEBORAH ANN HODGES
Commission # 12312025
NOTARY PUBLIC
My Commission Expires 7-17-2023
STATE OF ARKANSAS - MISSISSIPPI COUNTY

Heat Number 514235
Shipper No 1545812
Customer PO# 199183-02
Customer Name US BRIDGE

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

U S Bridge Corporation
PO Box 757
Cambridge OH 43725

Job No.: 1910-11-0801
Date: 10-15-19
Cust. PO#: 101637

Description: 3 samples W27 x 114 Job# 199183
ID: Madison, Co Rehabilitation of Grewell Rd Truss (PID106640)

Material: A572

Temp: Charpy Test Temperature @ +40° F
3/4 Size, Zone 2

Spec: ASTM A673-07(12)

TEST RESULTS

Charpy, ft-lbs

Cust. Req.: Full Size: 25 Min. Avg.,
3/4 Size: 19 Min. Avg.

Item	Heat# 513520	Heat# 514235	Heat# A168576
1	120	117	160
2	143	132	148
3	159	153	194
Avg.	140	134	167

Test Method: ASTM A370-18, ASTM E23-18, Type A, Striker Radius 8mm

The above **Conforms** to the requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a guarantee or warranty of the condition of the materials tested. The results reported relate only to the items tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury, or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was performed at room temperature. All work was performed in accordance with TTML QA Manual Rev E, dated 01/01/2019.

A2LA ACCREDITED Certificate# 0161.01 & 0161.02

ıal-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73470

GRANT 51.

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at AUGINTOWN OHIO 4-23 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OHIO Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50 FRACTURE CRITICAL			
4	1/2 x 96 x 240	13068		
	HEAT # 9500562 (4)			
9	1/2 x 96 x 240	29404		
	HEAT # 9502342 (3)			
	9502341 (6)			
		42472		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

111

LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION		HEAT #	WEIGHT	COST
PD26141	.500	96x240	A572-50	950562	F.e.	
26142	↓	↓	↓	↓	↓	
26143						
26162						
PD28601	.500	96x240	A572-50	952342	F.e.	
28602	↓	↓	↓	↓	↓	
28603						
PD28650	.500	96x240	A572-50	952341	F.e.	
28651	↓	↓	↓	↓	↓	
28652						
28653						
28654						
28655						

NUCOR
PLATE MILL

P.O.Box 279
Winton, NC 27986
(252) 356-3700
SDT28050-28655

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700

NUCOR
It's Our Nature

Issuing Date : 04/13/2019 B/L No. : 531136 Load No. : 542109 Our Order No. : 165575/1 Cust. Order No. : 45553-04

Vehicle No: ALY 91728

Specification: 0.5000" x 96.000" x 240.000"
AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18

Marking :

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
9502341	0.18	0.97	0.012	0.002	0.22	0.21	0.09	0.10	0.03	0.019	0.033	0.002	0.001		0.0041	0.0001	0.009	0.39	0.25

Tensile Test

Plate Serial No	Pieces	Tons	Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2"	Elong. % in 8"
9502341-06	6	9.80	T	58,500	79,800		22.9
			T	58,700	81,500		23.0

Charpy Impacts

Plate Serial No	Pieces	Tons	Dir.	Absorbed Energy (Ft-lbs) (ft-lbs) 1	(ft-lbs) 2	(ft-lbs) 3	(ft-lbs) Ave	Min	Lateral Expansion (in.) (in.) 1	(in.) 2	(in.) 3	(in.) Ave	(in.) Min	Shear (%) (%) 1	(%) 2	(%) 3	(%) Ave	Min	Temp (°F)	Size
9502341-06	6	9.80	H-L	75.4	85.0	48.1	69.5	25											40	10mm
			T-L	39.1	75.6	44.0	52.9	25											40	10mm

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 4-15-19

FCM, F1 and F2, 25ft-lbs @ +40 F (34J @ +4 C), P-P frequency. Temperature reduced by 15 F for each 10 ksi over 65 ksi;

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant.
DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis

T. A. Depretis, Metallurgist

4/15/2019 8:54:14 AM

1/2

NUCOR
PLATE MILL
P.O.Box 279
Winton, NC 27986
(252) 356-3700

PO 28584 · 28614

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700
NUCOR
It's Our Nature.

Issuing Date : 04/11/2019 **B/L No. :** 530894 **Load No. :** 541725 **Our Order No. :** 165575/1 **Cust. Order No. :** 45553-04

Vehicle No: SNC 62549

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Specification: 0.5000" x 96.000" x 240.000"
AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
9502341	0.18	0.97	0.012	0.002	0.22	0.21	0.09	0.10	0.03	0.019	0.033	0.002	0.001		0.0041	0.0001	0.009	0.39	0.25
9502342	0.19	0.98	0.012	0.001	0.17	0.22	0.09	0.12	0.03	0.019	0.042	0.002	0.001		0.0027	0.0002	0.008	0.40	0.26

Tensile Test

Plate Serial No	Pieces	Tons	Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2"	Elong. % in 8"
9502341-05	12	19.60	T	58,500	79,800		22.9
			T	58,700	81,500		23.0
9502341-06	6	9.80	T	58,500	79,800		22.9
			T	58,700	81,500		23.0
9502342-01	2	3.26	T	61,400	83,200		20.0
			T	61,900	84,100		21.4
9502342-03	11	17.96	T	61,400	83,200		20.0
			T	61,900	84,100		21.4

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 4-11-19

Charpy Impacts

Plate Serial No	Pieces	Tons	Dir.	Absorbed Energy (Ft-lbs) (ft-lbs) 1	(ft-lbs) 2	(ft-lbs) 3	(ft-lbs) Ave	Min	Lateral Expansion (in.) (in.) 1	(in.) 2	(in.) 3	(in.) Ave	(in.) Min	Shear (%) (%) 1	(%) 2	(%) 3	(%) Ave	Min	Temp (°F)	Size
9502341-05	12	19.60	H-L	59.2	32.8	42.7	44.9	25											40	10mm
			T-L	34.3	30.4	31.7	32.1	25											40	10mm
9502341-06	6	9.80	H-L	75.4	85.0	48.1	69.5	25											40	10mm
			T-L	39.1	75.6	44.0	52.9	25											40	10mm
9502342-01	2	3.26	H-L	76.9	69.3	57.5	67.9	25											40	10mm

FCM, F1 and F2, 25ft-lbs @ +40 F (34J @ +4 C), P-P frequency. Temperature reduced by 15 F for each 10 ksi over 65 ksi;

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant.
DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis

T. A. Depretis, Metallurgist

4/11/2019 9:20:34 AM

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73544

(C.P.U) Pro# 826457

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at Austintown Ohio 9-16 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to C S BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OHIO Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route _____

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A588			
2	1/2 x 96 x 240	6534		
	HEAT # 913H66180 (3)			
	A572-50			
3	1/4 x 96 x 240	4.901		
	HEAT # APP0705 (3)			
	A572-50 FRACTURE CRITICAL			
4	1/2 x 96 x 240	12.067		
	HEAT #			
		24.502		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION		HEAT #	WEIGHT	COST
PD 27937	.500	96x240	A588	813H6680		
27938	"	"	"	"		
PD 27927	.250	96x240	A572-50	A990905		
27928	"	"	"	"		
27929	"	"	"	"		
PD 28605	.500	96x240	A572-50	950234Z	FRACTURE CRITICAL	
28606	"	"	"	950234Y	"	"
28607	"	"	"	"	"	"
28608	"	"	"	"	"	"

1/2

NUCOR
PLATE MILL

P.O.Box 279
Winton, NC 27986
(252) 356-3700

8D258584 · 28614

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700

NUCOR
It's Our Nature.

Issuing Date : 04/11/2019 **B/L No. :** 530894 **Load No. :** 541725 **Our Order No. :** 165575/1 **Cust. Order No. :** 45553-04

Vehicle No: SNC 62549

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Specification: 0.5000" x 96.000" x 240.000"
AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
9502341	0.18	0.97	0.012	0.002	0.22	0.21	0.09	0.10	0.03	0.019	0.033	0.002	0.001		0.0041	0.0001	0.009	0.39	0.25
9502342	0.19	0.90	0.012	0.001	0.17	0.22	0.09	0.12	0.03	0.019	0.042	0.002	0.001		0.0027	0.0002	0.008	0.40	0.26

			Tensile Test				
Plate Serial No	Pieces	Tons	Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2"	Elong. % in 8"
9502341-05	12	19.60	T	58,600	79,800		22.9
			T	58,700	81,500		23.0
9502341-06	6	9.80	T	58,500	79,800		22.9
			T	58,700	81,500		23.0
9502342-01	2	3.26	T	61,400	83,200		20.0
			T	61,900	84,100		21.4
9502342-03	11	17.96	T	61,400	83,200		20.0
			T	61,900	84,100		21.4

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 4-11-19

			Charpy Impacts																
				Absorbed Energy (Ft-lbs)					Lateral Expansion (in.)					Shear (%)					
Plate Serial No	Pieces	Tons	Dir.	(ft-lbs) 1	(ft-lbs) 2	(ft-lbs) 3	(ft-lbs) Ave	Min	(in.) 1	(in.) 2	(in.) 3	(in.) Ave	(in.) Min	(%) 1	(%) 2	(%) 3	(%) Ave	Min	Temp (°F)	Size
9502341-05	12	19.60	H-L	59.2	32.8	42.7	44.9	25											40	10mm
			T-L	34.3	30.4	31.7	32.1	25											40	10mm
9502341-06	6	9.80	H-L	75.4	85.0	48.1	69.5	25											40	10mm
			T-L	39.1	75.6	44.0	52.9	25											40	10mm
9502342-01	2	3.26	H-L	76.9	69.3	57.5	67.9	25											40	10mm

FCM, F1 and F2, 25ft-lbs @ +40 F (34J @ +4 C), P-P frequency. Temperature reduced by 15 F for each 10 ksi over 65 ksi;

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant. DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis

T. A. Depretis, Metallurgist

4/11/2019 9:20:34 AM

2/2

NUCOR
PLATE MILL
P.O.Box 279
Winton, NC 27986
(252) 356-3700

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700
NUCOR
It's Our Name...

Issuing Date : 04/11/2019 **B/L No. :** 530894 **Load No. :** 541725 **Our Order No. :** 165575/1 **Cust. Order No. :** 45553-04

Vehicle No: SNC 62549

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Specification: 0.5000" x 96.000" x 240.000"
AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
9502341	0.18	0.97	0.012	0.002	0.22	0.21	0.09	0.10	0.03	0.019	0.033	0.002	0.001		0.0041	0.0001	0.009	0.39	0.25
9502342	0.19	0.90	0.012	0.001	0.17	0.22	0.09	0.12	0.03	0.019	0.042	0.002	0.001		0.0027	0.0002	0.008	0.40	0.26

Charpy Impacts

Plate Serial No	Pieces	Tons	Dir.	Absorbed Energy (Ft-lbs) (ft-lbs) 1	(ft-lbs) 2	(ft-lbs) 3	(ft-lbs) Ave	Min	Lateral Expansion (in.) (in.) 1	(in.) 2	(in.) 3	(in.) Ave	(in.) Min	Shear (%) (%) 1	(%) 2	(%) 3	(%) Ave	Min	Temp (°F)	Size
			T-L	41.2	40.7	84.9	55.6	25											40	10mm
9502342-03	11	17.96	H-L	34.0	72.3	62.3	56.2	25											40	10mm
			T-L	47.7	46.9	60.0	51.5	25											40	10mm

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 4-11-19

FCM, F1 and F2, 25ft-lbs @ +40 F (34J @ +4 C), P-P frequency. Temperature reduced by 15 F for each 10 ksi over 65 ksi;

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant. DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis, Metallurgist

4/11/2019 9:20:34 AM

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73556

GRANT ST.

Carrier's No. _____

(Name of Carrier)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at AUSTINTOWN OHIO 9-09 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OHIO Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50 FRACTURE CRITICAL			
6	3/8 x 96 x 240	14,702		
	HEAT # B9111735			
9	1/2 x 96 x 240	26,137		
	HEAT # 750334 1 (6)			
	750334 2 (3)			
		40,839		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

FREE per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION	HEAT #	WEIGHT	COST
PD25971	.375	96x240 A572-50	B9M335	FRACTURE CRITICAL	
25972	↓	↓ ↓	↓	↓	↓
25973					
25974					
25975					
25976					
PD28609	.500	96x240 A572-50	950B341	FRACTURE CRITICAL	
28610	↓	↓ ↓	↓	↓	↓
28611					
28612					
28613					
28614					
28584			950B342		
28585	↓	↓ ↓	↓ ↓	↓	↓

1/2

NUCOR
PLATE MILL

P.O.Box 279
Winton, NC 27986
(252) 356-3700

PD25554/ · 28614

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700

NUCOR
It's Our Nature.

Issuing Date : 04/11/2019 **B/L No. :** 530894 **Load No. :** 541725 **Our Order No. :** 165575/1 **Cust. Order No. :** 45553-04

Vehicle No: SNC 62549

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Specification: 0.5000" x 96.000" x 240.000"
AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
9502341	0.18	0.97	0.012	0.002	0.22	0.21	0.09	0.10	0.03	0.019	0.033	0.002	0.001		0.0041	0.0001	0.009	0.39	0.25
9502342	0.19	0.90	0.012	0.001	0.17	0.22	0.09	0.12	0.03	0.019	0.042	0.002	0.001		0.0027	0.0002	0.008	0.40	0.26

Plate Serial No	Pieces	Tons	Tensile Test Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2"	Elong. % in 8"
9502341-05	12	19.60	T	58,500	79,800		22.9
			T	58,700	81,500		23.0
9502341-06	6	9.80	T	58,500	79,800		22.9
			T	58,700	81,500		23.0
9502342-01	2	3.26	T	61,400	83,200		20.0
			T	61,900	84,100		21.4
9502342-03	11	17.96	T	61,400	83,200		20.0
			T	61,900	84,100		21.4

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 4-11-19

Plate Serial No	Pieces	Tons	Charpy Impacts Dir.	Absorbed Energy (Ft-lbs) (ft-lbs) 1	(ft-lbs) 2	(ft-lbs) 3	(ft-lbs) Ave	Min	Lateral Expansion (in.) (in.) 1	(in.) 2	(in.) 3	(in.) Ave	(in.) Min	Shear (%) (%) 1	(%) 2	(%) 3	(%) Ave	Min	Temp (°F)	Size
9502341-05	12	19.60	H-L	59.2	32.8	42.7	44.9	25											40	10mm
			T-L	34.3	30.4	31.7	32.1	25											40	10mm
9502341-06	6	9.80	H-L	75.4	85.0	48.1	69.5	25											40	10mm
			T-L	39.1	75.6	44.0	52.9	25											40	10mm
9502342-01	2	3.26	H-L	76.9	69.3	57.5	67.9	25											40	10mm

FCM, F1 and F2, 25ft-lbs @ +40 F (34J @ +4 C), P-P frequency. Temperature reduced by 15 F for each 10 ksi over 65 ksi;

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant. DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis

T. A. Depretis, Metallurgist

4/11/2019 9:20:34 AM

2/2

NUCOR
PLATE MILL
P.O.Box 279
Winton, NC 27986
(252) 356-3700

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700
NUCOR
It's Our Name

Issuing Date : 04/11/2019 **B/L No. :** 530894 **Load No. :** 541725 **Our Order No. :** 165575/1 **Cust. Order No. :** 45553-04

Vehicle No: SNC 62549

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Specification: 0.5000" x 96.000" x 240.000"
AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
9502341	0.18	0.97	0.012	0.002	0.22	0.21	0.09	0.10	0.03	0.019	0.033	0.002	0.001		0.0041	0.0001	0.009	0.39	0.25
9502342	0.19	0.90	0.012	0.001	0.17	0.22	0.09	0.12	0.03	0.019	0.042	0.002	0.001		0.0027	0.0002	0.008	0.40	0.26

Charpy Impacts

Plate Serial No	Pieces	Tons	Dir.	Absorbed Energy (Ft-lbs) (ft-lbs) 1	(ft-lbs) 2	(ft-lbs) 3	(ft-lbs) Ave	Min	Lateral Expansion (in.) (in.) 1	(in.) 2	(in.) 3	(in.) Ave	(in.) Min	Shear (%) (%) 1	(%) 2	(%) 3	(%) Ave	Min	Temp (°F)	Size
			T-L	41.2	40.7	84.9	55.6	25											40	10mm
9502342-03	11	17.96	H-L	34.0	72.3	62.3	56.2	25											40	10mm
			T-L	47.7	46.9	60.0	51.5	25											40	10mm

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 4-11-19

FCM, F1 and F2, 25ft-lbs @ +40 F (34J @ +4 C), P-P frequency. Temperature reduced by 15 F for each 10 ksi over 65 ksi;

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant.
DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis, Metallurgist

4/11/2019 9:20:34 AM

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73407

GRANT ST.

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at ALLIANCE Ohio 1-29 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State Ohio Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 301 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A573-50			
2	3/8 x 96 x 240	4901		
	HEAT # 9507605 (2)			
4	1/2 x 96 x 240	13.068		
	HEAT # 9508252 (4)			
2	3/4 x 96 x 240	9.801		
	HEAT # 9507490 (2)			
		31.770		
	Total Lbs.			

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

NUCOR
PLATE MILL

P.O.Box 279
Winton, NC 27986
(252) 356-3700

PD25239-25246

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700

NUCOR
It's Our Nature

Issuing Date : 01/03/2019 **B/L No. :** 522367 **Load No. :** 533117 **Our Order No. :** 162474/5 **Cust. Order No. :** 12-45342

Vehicle No: LW 62117

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Specification: 0.7500" x 96.000" x 240.000"
ASTM A572 Grade 50/345-18/A709 Grade 50-18/ AASHTO M270-2017 50 97 Type 2

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
8508480	0.18	1.19	0.007	0.002	0.21	0.25	0.10	0.08	0.02	0.023	0.045	0.002	0.002		0.0028	0.0000	0.011	0.43	0.27

Plate Serial No	Pieces	Tons	Tensile Test Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2"	Elong. % in 8"
8508480-02	8	19.60	T	59,700	84,400		24.5
			T	56,200	82,900		20.6

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 1-4-19

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant. DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis, Metallurgist

1/4/2019 10:46:43 AM

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73410

US BRIDGE

Carrier's No. _____

(Name of Carrier)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at [illegible] 20 [illegible] From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination [illegible] State [illegible] Zip [illegible] County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route [illegible]

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	[illegible]			
7	[illegible]	[illegible]		
	[illegible]			
	[illegible]			
2	[illegible]	[illegible]		
	[illegible]			
		[illegible]		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____
to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per [illegible] Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

NUCOR
PLATE MILL

P.O.Box 279
Winton, NC 27986
(252) 356-3700

PD25239-25246

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700

NUCOR
It's Our Name

Issuing Date : 01/03/2019 **B/L No. :** 522367 **Load No. :** 533117 **Our Order No. :** 162474/5 **Cust. Order No. :** 12-45342

Vehicle No: LW 62117

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Specification: 0.7500" x 96.000" x 240.000"
ASTM A572 Grade 50/345-18/A709 Grade 50-18/ AASHTO M270-2017 50 97 Type 2

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
8508480	0.18	1.19	0.007	0.002	0.21	0.25	0.10	0.08	0.02	0.023	0.045	0.002	0.002		0.0028	0.0000	0.011	0.43	0.27

Plate Serial No	Pieces	Tons	Tensile Test Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2"	Elong. % in 8"
8508480-02	8	19.60	T	59,700	84,400		24.5
			T	56,200	82,900		20.6

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 1-4-19

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant. DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis

T. A. Depretis, Metallurgist

1/4/2019 10:46:43 AM

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1486
Date: 1-29-19
Cust. PO#: T-381

Description: 2 samples 3/4" x 5" x 5" Plate Heat# 8508480 Plate# PD25239

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.
1-1	84	2-1	93
2	81	2	84
3	70	3	80
Avg.	78	Avg.	85

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

ACCREDITED

This Report May Not Be Reproduced Except In Full

This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a Guaranty or Warranty of the condition of the materials tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was done at room temperature. All work performed in accordance with TTML QA Manual Rev D 02/15/07.

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

TTML TENSILE TESTING
METALLURGICAL LABORATORY

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-23-1486
Date: 1-29-19
Cust. PO#: T-381

Description: 2 samples 3/4" x 5" x 5" Plate Heat# 8508480 Plate# PD25240

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.
1-1	85	2-1	81
2	87	2	85
3	92	3	85
Avg.	88	Avg.	84

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Michael Gryda
Authorized Agent

This Report May Not Be Reproduced Except In Full

ACCREDITED

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TTML TENSILE TESTING METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-25-1632
Date: 2-1-19
Cust. PO#: T-384

Description: 2 samples .75" x 5" x 5" Plate Heat# 8508480 Plate# PD25244

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.
1-1	78	2-1	80
2	79	2	88
3	82	3	84
Avg.	79	Avg.	84

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
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ACCREDITED

TTML TENSILE TESTING METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-25-1632
Date: 2-1-19
Cust. PO#: T-384

Description: 2 samples .75" x 5" x 5" Plate Heat# 8508480 Plate# PD25245

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.
1-1	80	2-1	89
2	94	2	71
3	75	3	76
Avg.	83	Avg.	79

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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ACCREDITED

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1901-25-1632
Date: 2-1-19
Cust. PO#: T-384

Description: 2 samples .75" x 5" x 5" Plate Heat# 8508480 Plate# PD25246

Material: A572-50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.
1-1	74	2-1	96
2	72	2	75
3	74	3	78
Avg.	73	Avg.	83

Test Method: ASTM A370-17a, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
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03Apr19 10:24 P R O D U C T I O N W O R K O R D E R No: APA W-289582

Sold By:
Metals USA
Plates & Shapes Northeast
Plates & Shapes - Ambridge
81 Century Drive
Ambridge, PA 15003
Tel: 800 569-5830 Fax: 724 268-0131

Ship From:
Metals USA
Plates & Shapes Northeast
Plates & Shapes - Ambridge
81 Century Drive
Ambridge, PA 15003

2993

Sold To: (801703)
U.S. BRIDGE
DIV OF C-Z COMPANY
PO BOX 757
CAMBRIDGE, OH 43725-0757

Ship To: (1)
U.S. BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH 43725

Trm 1/2% 10 NET 30
Frt PREPAID
PO/Rel STOCK-L-238
PSQ A08 BAY 8

Ord 03Apr19 Due 05Apr19
Via BEST WAY NE FOB
Slp BRUCE COLORITO
BRETT CASH

P R O D U C T I O N W O R K O R D E R SO APA W-289582

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 0 with Invoice
PHONE NUMBER-740-432-6334
KLG

1 Carbon Round A36/529 1 X 20'		94 PCS	5,020 LBS

<<< INVENTORY RESERVATIONS >>>

RD/1/36529/20'	206802	APP	94 PCS	5,020

RECV HOURS MON-FRI 7:00 AM-1:30 PM
UNLOAD BY CANE AND FORKLIFT
MAX LIFT: 10 TON
MARK THE END OF EACH BEAM WITH HEAT# & SIZE IN GALVANIZED PEN
ALL MTRS TO HAVE COMPLETE TRACEABLILITY AND MUST BE WITH SHIPMENT AND EMAILED TO PAM AHEAD OF TIME TO AVOID TRUCK BEING TURNED AWAY.
EMAIL TO TINA AT tbarnett@usbridge.com AND ALSO EMAIL TO MIKE AT mmesarchik@usbridge.com

METALS USA

SIGNATURE: DATE:

Order Totals: 1 Items 5020 LBS

CUSTOMER COPY

03Apr19 10:24 P R O D U C T I O N W O R K O R D E R No: APA W-289582

Sold By:
Metals USA
Plates & Shapes Northeast
Plates & Shapes - Ambridge
81 Century Drive
Ambridge, PA 15003
Tel: 800 569-5830 Fax: 724 266-0131

Ship From:
Metals USA
Plates & Shapes Northeast
Plates & Shapes - Ambridge
81 Century Drive
Ambridge, PA 15003

819-1

Sold To: (801703)
U.S. BRIDGE
DIV OF C-Z COMPANY
PO BOX 757
CAMBRIDGE, OH 43725-0757

Ship To: (1)
U.S. BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH 43725

Trm 1/2% 10 NET 30
Frt PREPAID
PO/Rel STOCK-L-238
PSQ A01 BAY 1

Ord 03Apr19 Due 05Apr19
Via BEST WAY NE FOB
Slp BRUCE COLORITO
BRETT CASH

P R O D U C T I O N W O R K O R D E R SO APA W-289582

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 0 with Invoice
PHONE NUMBER-740-432-6334
KLG

2 Carbon Structural Angle A36/529 8 x 8 x 1/2 X 40'		2 PCS	2,112 LBS
<<<---------- INVENTORY RESERVATIONS ----------->>>			
SA/8812/36529/40'	55058595 APP	2 PCS	2,112

RECV HOURS MON-FRI 7:00 AM-1:30 PM
UNLOAD BY CANE AND FORKLIFT
MAX LIFT: 10 TON
MARK THE END OF EACH BEAM WITH HEAT# & SIZE IN GALVANIZED PEN
ALL MTRS TO HAVE COMPLETE TRACEABILITY AND MUST BE WITH SHIPMENT AND EMAILED TO PAM AHEAD OF TIME TO AVOID TRUCK BEING TURNED AWAY.
EMAIL TO TINA AT tbarnett@usbridge.com AND ALSO EMAIL TO MIKE AT mmesarchik@usbridge.com

METALS USA

SIGNATURE: DATE:

Order Totals: 1 Items 2112 LBS

CUSTOMER COPY

04Apr19 12:09 PRODUCTION WORK ORDER No: APA W-289663

Sold By:
Metals USA
Plates & Shapes Northeast
Plates & Shapes - Ambridge
81 Century Drive
Ambridge, PA 15003
Tel: 800 569-5830 Fax: 724 266-0131

Ship From:
Metals USA
Plates & Shapes Northeast
Plates & Shapes - Ambridge
81 Century Drive
Ambridge, PA 15003

840-1

Sold To: (801703)
U.S. BRIDGE
DIV OF C-Z COMPANY
PO BOX 757
CAMBRIDGE, OH 43725-0757

Ship To: (1)
U.S. BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH 43725

Trm 1/2% 10 NET 30
Frt PREPAID
PO/Rel STOCK-L-238
PSQ A01 BAY 1

Ord 04Apr19 Due 05Apr19
Via BEST WAY NE FOB
Slp BRUCE COLORITO
BRETT CASH

PRODUCTION WORK ORDER SO APA W-289663

Test Certs: Chem Y Phys Y 1 Original copies with Shipment, 0 with Invoice
PHONE NUMBER-740-432-6334
KLG

1	Carbon Structural Angle A36/529 6 x 4 x 3/8 X 40' *A572-50 *DOMESTIC ONLY	12 PCS	5,904 LBS

<<<---------- INVENTORY RESERVATIONS ----------

SA/6438/36529/40' (2)5505931O (10)1058445 APP		12 PCS	5,904

RECV HOURS MON-FRI 7:00 AM-1:30 PM
UNLOAD BY CANE AND FORKLIFT
MAX LIFT: 10 TON
MARK THE END OF EACH BEAM WITH HEAT# & SIZE IN GALVANIZED PEN
ALL MTRS TO HAVE COMPLETE TRACEABLILITY AND MUST BE WITH SHIPMENT AND EMAILED TO PAM AHEAD OF TIME TO AVOID TRUCK BEING TURNED AWAY.
EMAIL TO TINA AT tbarnett@usbridge.com AND ALSO
EMAIL TO MIKE AT mmesarchik@usbridge.com

SIGNATURE: DATE:

Order Totals: 1 Items 5904 LBS

METALS USA

CUSTOMER COPY

CMC STEEL SOUTH CAROLINA
310 New State Road
Cayce SC 29033-3704

CERTIFIED MILL TEST REPORT

For additional copies call
800-637-3227

We hereby certify that the test results presented here are accurate and conform to the reported grade specification

Richard S. Ray

Richard S. Ray - CMC Steel SC
Quality Assurance Manager

1SERIES-BPS ®

HEAT NO.:2068702 SECTION: ROUND 1 x 20'0" A36/52950 GRADE: ASTM A36-14/A529-14 Gr 50 ROLL DATE: 06/23/2018 MELT DATE: 06/19/2018 Cert. No.: 82429162 / 068702D826	SOLD TO	Metals USA Plates & Shapes 50 Cabot Blvd E Langhorne PA US 19047-1802 8005233340	SHIP TO	Metals Usa Ambridge 81 Century Dr Ambridge PA US 15003-0000 7242667708 7242512255	Delivery#: 82429162 BOL#: 72540496 CUST PO#: APA-28632 CUST P/N: DLVRY LBS / HEAT: 5126.000 LB DLVRY PCS / HEAT: 96 EA

Characteristic	Value
C	0.15%
Mn	0.68%
P	0.008%
S	0.008%
Si	0.22%
Cu	0.32%
Cr	0.12%
Ni	0.14%
Mo	0.034%
V	0.000%
Cb	0.025%
Sn	0.013%
Al	0.001%
Ti	0.001%
N	0.0059%
Carbon Eq A529	0.37%
Yield Strength test 1	57.2ksi
Tensile Strength test 1	76.3ksi
Elongation test 1	26%

Characteristic	Value
Elongation Gage Lgth test 1	8IN
Reduction of Area test 1	51%
Yield to tensile ratio test1	0.75
Yield Strength test 2	56.9ksi
Tensile Strength test 2	76.0ksi
Elongation test 2	26%
Elongation Gage Lgth test 2	8IN
Reduction of Area test 2	43%
Yield to tensile ratio test2	0.75
C+(Mn/6)	0.27%

Characteristic	Value

The Following is true of the material represented by this MTR:

**Material is fully killed*
**100% melted and rolled in the USA*
**EN10204:2004 3.1 compliant*
**Contains no weld repair*
**Contains no Mercury contamination*
**Manufactured in accordance with the latest version of the plant quality manual*
**Meets the "Buy America" requirements of 23 CFR635.410*

REMARKS :

MATERIAL WAS PRODUCED TO A FINE GRAIN PRACTICE.
ALSO MEETS ASTM GRADE A36 REV-03A, A529 GR.50, A572-2015 GR.50, A709 GR.36, A709 GR.50, A992, AASHTO GRADE M270 GR.36, M270 GR.50, CSA G40.21-04 GRADE 44W, 50WASME SA-36 2008A ADDEND A.

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 323203
BOL No. 331471

Carrier: Material Logistics Management, Inc.

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Wassell Land)
Wassell Land
3507 Grand Avenue
Pittsburgh, PA 15225-1508
Phone:

CUSTOMER COPY

Ship Date: 05/06/2019

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Quantity	Description	Width	Length	Weight
Cust PO: STOCK-HSS-144	Contract:		*Sales Order:* 447882	
Heat Numbers: NH7033(2)				
2	16 x 8 x 3/8 HR Tube A500 GR B A500 GR B		40' 0"	4,648.00
EXACT / M&M DOMESTIC / WRITE HEAT# ON MATERIAL			N13	
Cust PO: STOCK-L-239	Contract:		*Sales Order:* 448587	
Heat Numbers: L116805(25)				
25	5 x 3-1/2 x 3/8 HR Angle D A36		40' 0"	10,400.00
EXACT / M&M DOMESTIC / WRITE HEAT# ON MATERIAL			NF1	
Cust PO: STOCK-L-239	Contract:		*Sales Order:* 448587	
Heat Numbers: L116990(15)				
15	4 x 3 x 3/8 HR Angle D A36		40' 0"	5,100.00
EXACT / M&M DOMESTIC / WRITE HEAT# ON MATERIAL			NF1	
Cust PO: STOCK-L-239	Contract:		*Sales Order:* 448587	
Heat Numbers: NH6327(4)				
4	4 x 4 x 3/8 HR Tube A500 GR B D A500 GR B		40' 0"	2,763.20
EXACT / M&M DOMESTIC / WRITE HEAT# ON MATERIAL			N04	
Cust PO: 190045-12	Contract:		*Sales Order:* 448767	
Heat Numbers: 811Z04440(4)				
4	5/16 HR A588 Plate D A588	96"	240"	8,167.68
Domestic				
USE MITTAL HT#811Z04440/813Z69280			SHOP 15	

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 323203

Carrier: Material Logistics Management, Inc.

BOL No. 331471

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Wassell Land)
Wassell Land
3507 Grand Avenue
Pittsburgh, PA 15225-1508
Phone:

Ship Date: 05/06/2019

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Total Weight: 31,078.88

Shipping Instructions:

Receiving Hours: 8:30am-1:30pm M-F

Max Bundle Weight: 10,000

Spacers:

All material must be M&M Domestic
No Dings, Dents, Chain Kinks or damaged material
MUST GET HEAT #'S
Exact pieces must be noted for each heat number. Heat number(s) must be identified on all material by Hand writing, mill sticker or mill stenciling.
Material from "ALL" Gerdau Ameristeel mills - the manifest from Gerdau to Traid must ship w/truck w/matching certs.
Heat numbers must appear on all processed plates parts.
HEAT# and PLATE ID# MUST BE REFERENCED ON ALL PAPERWORK.
Please confirm which way per each order separately, paint stick, galv marker, pin stamp, etc.
Please email copy of the BOL before the load ships and
Email certs at time of shipment to : tbarnett@usbridge.com and mmesarchik@usbridge.com
Trucks are forbidden to be on-site prior to 8:30am
Customer offloads material outside

Driver Signature: _____

Consignee Signature: Mike Mesarchik 5-7-19

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

CARRIER CUSTOMER	PER	PER DATE

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

Permanent post office address of shipper

Heat Number L116805

Shipper No 448587

Customer PO# STOCK-L-239

Customer Name U.S. Bridge

BAYOU STEEL GROUP

BAYOU STEEL GROUP
(LAPLACE)
138 HWY 3217
LaPlace LOUISIANA 70068
Telephone (985) 652-4900

MATERIAL CERTIFICATION REPORT

METAL TRADER INC, (TRIAD METAL)
1 Village Road
HORSHAM PA 19044
ETATS-UNIS

TRIAD METALS INTERNATIONAL
NEVILLE ISLAND, PA
3450 GRAND AVE.
NEVILLE ISLAND PA 15225
USA

Tested in Accordance With: ASTM A6

Sales Order	191851-18	Date	02/28/2019	PO:	139675
Product	Unequal Angles	Cust	40006874	Ref.	81027860
Heat NO.	L116805	Grade	A3652950	Pieces	75
Cust.Mat.	-	Length	40' 00"	Weight	31200
Size	U5X3-1/2X3/8X10.40 * LP				

CHEMICAL ANALYSIS	
C	0.12
Mn	0.95
P	0.009
S	0.012
Si	0.19
Cu	0.34
Ni	0.22
Cr	0.24
Mo	0.072
Cb	0.015
V	0
B	
Al	
Sn	0.010
N	
Ti	

Ci	6.0
CE	0.38

MECHANICAL PROPERTIES	TEST 1 IMPERIAL	TEST 1 METRIC	TEST 2 IMPERIAL	TEST 2 METRIC	TEST 3 IMPERIAL	TEST 3 METRIC
YIELD STRENGTH	52400 PSI	361 MPa	51100 PSI	352 MPa		
TENSILE STRENGTH	79100 PSI	545 MPa	77700 PSI	536 MPa		
ELONGATION	28 %	28 %	23 %	23 %		
GAUGE LENGTH	8 IN	203 mm	8 IN	203 mm		
BEND TEST DIAMETER						
BEND TEST RESULTS						
SPECIMEN AREA						
REDUCTION OF AREA						
IMPACT STRENGTH						

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS		GRAIN SIZE	
AVERAGE			SEVERITY		HARDNESS	
TEST TEMP			FREQUENCY		GRAIN PRACTICE	
ORIENTATION			RATING		REDUCTION RATIO	

This heat makes the following grades: A36-14, A52950-14, G40.21-CSA50W, CSA44W, A70936-13a, ASME SA36-2010, A57250-12a, A70950-13a, and the following AASHTO M270 Grades: 36, 50, and 345. Heat is free of Mercury contamination in the process. This material conforms to EN 10204 3.1.

I hereby certify that the material test results presented here are from the reported heat and are correct. All tests were performed in accordance to the specification reported above. All steel is electric arc furnace melted (billets), manufactured, processed, tested in the U.S.A with satisfactory results. No weld repair was performed on this heat.

Notarized upon request:
Sworn to and subscribed before me on this 28th day of February, 2019

Signed Mark Edwards
MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

Notary Public

Parish/County

Direct any questions or necessary clarifications concerning this report to the Sales Department 1-800-535-7692(USA)

Heat Number L116805
Shipper No 448587
Customer PO# STOCK-L-239
Customer Name U.S. Bridge

BAYOU STEEL GROUP

BAYOU STEEL GROUP
(LAPLACE)
138 HWY 3217
LaPlace LOUISIANA 70068
Telephone (985) 652-4900

MATERIAL CERTIFICATION REPORT

METAL TRADER INC, (TRIAD METAL)
1 Village Road
HORSHAM PA 19044
ETATS-UNIS

TRIAD METALS INTERNATIONAL
NEVILLE ISLAND, PA
3450 GRAND AVE.
NEVILLE ISLAND PA 15225
USA

Tested in Accordance With: ASTM A6

Sales Order	191849-8	Date	02/28/2019	PO:	139674
Product	Unequal Angles	Cust	40006874	Ref.	81027859
Heat NO.	L116805	Grade	A3652950	Pieces	25
Cust.Mat.		Length	40' 00"	Weight	10400
Size	U5X3-1/2X3/8X10.40 * LP				

CHEMICAL ANALYSIS	
C	0.12
Mn	0.95
P	0.009
S	0.012
Si	0.19
Cu	0.34
Ni	0.22
Cr	0.24
Mo	0.072
Cb	0.015
V	0
B	
Al	
Sn	0.010
N	
Ti	

Ci	6.0
CE	0.38

MECHANICAL PROPERTIES	TEST 1 IMPERIAL	TEST 1 METRIC	TEST 2 IMPERIAL	TEST 2 METRIC	TEST 3 IMPERIAL	TEST 3 METRIC
YIELD STRENGTH	52400 PSI	361 MPa	51100 PSI	352 MPa		
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ELONGATION	28 %	28 %	23 %	23 %		
GAUGE LENGTH	8 IN	203 mm	8 IN	203 mm		
BEND TEST DIAMETER						
BEND TEST RESULTS						
SPECIMEN AREA						
REDUCTION OF AREA						
IMPACT STRENGTH						

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS		GRAIN SIZE	
AVERAGE			SEVERITY		HARDNESS	
TEST TEMP			FREQUENCY		GRAIN PRACTICE	
ORIENTATION			RATING		REDUCTION RATIO	

This heat makes the following grades: A36-14, A52950-14, G40.21-CSA50W, CSA44W, A70936-13a, ASME SA36-2010, A57250-12a, A70950-13a, and the following AASHTO M270 Grades: 36, 50, and 345. Heat is free of Mercury contamination in the process. This material conforms to EN 10204 3.1.

I hereby certify that the material test results presented here are from the reported heat and are correct. All tests were performed in accordance to the specification reported above. All steel is electric arc furnace melted (billets), manufactured, processed, tested in the U.S.A with satisfactory results. No weld repair was performed on this heat.

Notarized upon request:
Sworn to and subscribed before me on this 28th day of February, 2019

Signed Mark Edwards
MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

Notary Public

Parish/County

Direct any questions or necessary clarifications concerning this report to the Sales Department 1-800-535-7692 (USA)

BILL OF LADING NO. 528719

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Subject to Section 7 of Term and Condition. If this shipment is to be delivered to the consignee without response on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
nhc-c-gthompson
Per _____
(Signature of Consignor)

Freight Term

F.O.B. PREPAI

RECEIVED: subject to the classification and tariff in effect on the date of the issue of this Bill of Lading

FROM: NUCOR STEEL - HERTFORD **TELEPHONE** 252/356-3700

AT: 1505 River Road
Cofield, NC

DATE 03/13/2019

BOL No. 528719

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification.

Shipper here by certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or lawfully filled tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIP TO: US BRIDGE
201 WHEELING AVENUE
CAMBRIDGE, OH 43725

SOLD TO: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN, OH 44484

ROUTE:

CARRIER: TENNESSEE STEEL HAULERS

CAR OR VEHICLE NO. L/R# : 539548 / Vehicle :11542
Ticket# : 1792966 / Gross Wt:70,960.00 lbs
557 miles

Master Plate	Pieces	Customer PO	Product	Order / Line	Weight (lb
9500941-09	2	45501-02	PLATE - 0.375" x 96" x 240" Grade: AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18 Cust. Part#:	164641 / 1	4,900.61
9500941-06	2	45501-02	PLATE - 0.5" x 96" x 240" Grade: AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18 Cust. Part#:	164641 / 2	6,534.14

Heat	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	V	Nb	N	Ti	B	Ca
9500941	0.19	0.91	0.009	0.001	0.19	0.24	0.09	0.07	0.02	0.009	0.027	0.025	0.002	0.0000	0.001	0.0003	0.0036

Master Plate	Pieces	Customer PO	Product	Order / Line	Weight (lb
9500904-04	1	45501-02	PLATE - 0.75" x 96" x 240" Grade: AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18 Cust. Part#:	164641 / 4	4,900.61

Heat	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	V	Nb	N	Ti	B	Ca
9500904	0.17	1.25	0.012	0.002	0.18	0.22	0.09	0.07	0.02	0.008	0.022	0.045	0.002	0.0000	0.001	0.0003	0.0038

Master Plate	Pieces	Customer PO	Product	Order / Line	Weight (lb
9501618-04	1	45501-02	PLATE - 0.75" x 96" x 240" Grade: AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18 Cust. Part#:	164641 / 4	4,900.61

Heat	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	V	Nb	N	Ti	B	Ca
9501618	0.16	1.29	0.012	0.001	0.20	0.21	0.08	0.07	0.02	0.008	0.028	0.043	0.003	0.0000	0.002	0.0002	0.0034

Master Plate	Pieces	Customer PO	Product	Order / Line	Weight (lb
9500903-04	1	45501-02	PLATE - 1" x 96" x 360" Grade: AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18 Cust. Part#:	164641 / 5	9,801.27

Heat	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	V	Nb	N	Ti	B	Ca
9500903	0.17	1.26	0.009	0.002	0.18	0.21	0.10	0.07	0.02	0.008	0.021	0.042	0.002	0.0000	0.001	0.0003	0.0031

Master Plate	Pieces	Customer PO	Product	Order / Line	Weight (lb
9501631-07 MIP	1	45501-02	PLATE - 0.5" x 96" x 480" Grade: AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18	164641 / 6	6,534.14

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

BILL OF LADING NO. 528719

Subject to Section 7 of Term and Condition. If this shipment is to be delivered to the consignee without response on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges
nhc-c-gthompson
Per _____
(Signature of Consignor)

Freight Term:
F.O.B. PREPAID

RECEIVED: subject to the classification and tariff in effect on the date of the issue of this Bill of Lading

FROM: NUCOR STEEL - HERTFORD **TELEPHONE** 252/356-3700

AT: 1505 River Road
Cofield, NC

DATE 03/13/2019

BOL No. 528719

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Shipper here by certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or lawfully filed tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIP TO: US BRIDGE
201 WHEELING AVENUE
CAMBRIDGE, OH 43725

SOLD TO: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN, OH 44484

ROUTE:

CARRIER: TENNESSEE STEEL HAULERS

CAR OR VEHICLE NO. L/R# : 539548 / Vehicle :11542
Ticket# : 1792966 / Gross Wt:70,960.00 lbs
557 miles

Master Plate	Pieces	Customer PO	Product	Order / Line	Weight (lbs)
			GR50/345 F2&F1/A572 50-18 Cust. Part#:		

Heat	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al	V	Nb	N	Ti	B	Ca
9501631	0.18	0.94	0.009	0.001	0.18	0.17	0.07	0.06	0.01	0.007	0.029	0.026	0.002	0.0000	0.001	0.0001	0.0014

Order Note :

Ship To Notes :

Melted and Manufactured in the USA

Pieces : 8 Tons : 18.80 lbs: 37,571.33

LOADS MUST BE TARPED.

180331-01

NUCOR
PLATE MILL
P.O.Box 279
Winton, NC 27986
(252) 356-3700

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700
NUCOR
It's Our Nature

Issuing Date : 03/13/2019 **B/L No. :** 528719 **Load No. :** 539548 **Our Order No. :** 164641/5 **Cust. Order No. :** 45501-02

Vehicle No: 11542

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: US BRIDGE
201 WHEELING AVENUE
CAMBRIDGE,OH 43725

Specification: 1.0000" x 96.000" x 360.000"
AASHTO M270-2017 GR50/345 F2&F1/ASTM A709-18 GR50/345 F2&F1/A572 50-18

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
9500903	0.17	1.26	0.009	0.002	0.18	0.21	0.10	0.07	0.02	0.021	0.042	0.002	0.001		0.0031	0.0003	0.008	0.42	0.26

			Tensile Test				
Plate Serial No	Pieces	Tons	Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2"	Elong. % in 8"
9500903-04	1	4.90	T	56,400	80,800		23.2
			T	61,300	80,200		21.9

			Charpy Impacts															
				Absorbed Energy (Ft-lbs)					Lateral Expansion (in.)					Shear (%)						
Plate Serial No	Pieces	Tons	Dir.	(ft-lbs) 1	(ft-lbs) 2	(ft-lbs) 3	(ft-lbs) Ave	Min	(in.) 1	(in.) 2	(in.) 3	(in.) Ave	(in.) Min	(%) 1	(%) 2	(%) 3	(%) Ave	Min	Temp (°F)	Size
9500903-04	1	4.90	H-L	122.5	129.3	71.0	107.6	25											40	10mm
			T-L	141.3	144.8	132.5	139.5	25											40	10mm

CRYSTAL MORGAN
Notary Public, North Carolina
Hertford County
My Commission Expires
June 11, 2023

Crystal Morgan 3-14-19

FCM, F1 and F2, 25ft-lbs @ +40 F (34J @ +4 C), P-P frequency. Temperature reduced by 15 F for each 10 ksi over 65 ksi;

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant. DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis

T. A. Depretis, Metallurgist

3/14/2019 3:12:02 PM

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 186458

Carrier: TMT Transportation, LLC

BOL No. 188844

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Neville Island)
3450 Grand Ave.
Pittsburgh, PA 15225-1508
Phone: 412-331-7772

CUSTOMER COPY

Ship Date: 11/02/2015

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: Superior Steel Corporation
PO Box 757
Cambridge, OH 43725-0757

Ship To: Superior Steel Corporation
201 Wheeling Ave.
Cambridge, OH 43725-0757
Phone: 740-432-6334

Quantity	Description	Width	Length	Weight
Cust PO: 53167-01 WAYNE CO. PA	Contract:		*Sales Order:* 247874	
Heat Numbers: B108335(10)				
10	8 x 58 HR WF Beam A992		44' 6"	25,810.00
DOMESTIC				
Cust PO: STOCK-L-175	Contract:		*Sales Order:* 277213	
Heat Numbers: L100541(20)				
20	7 x 4 x 3/8 HR Angle A36		40' 0"	10,880.00
M&M DOMESTIC				
Cust PO: STOCK-L-176	Contract:		*Sales Order:* 277722	
Heat Numbers: L99417(21)				
21	6 x 3-1/2 x 3/8 HR Angle A36		40' 0"	9,828.00
1 BUNDLE M&M DOMESTIC				
Cust PO: 150171-01	Contract:		*Sales Order:* 277824	
Heat Numbers: 444204(1)				
1	10 x 49 HR WF Beam A992		10' 0"	490.00
Domestic 1pc 60FT CUT TO 1pc 10'-0" DTS 50FT SIZE,LENGTH & HEAT WRITTEN ON THE END OF THE INSIDE WEB				

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 186458
BOL No. 188844

Carrier: TMT Transportation, LLC

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Neville Island)
3450 Grand Ave.
Pittsburgh, PA 15225-1508
Phone: 412-331-7772

CUSTOMER COPY

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PO Box 757
Cambridge, OH 43725-0757

Ship To: Superior Steel Corporation
201 Wheeling Ave.
Cambridge, OH 43725-0757
Phone: 740-432-6334

Total Weight: **47,008.00**

Shipping Instructions:

Receiving Hours: 8:30am-1:30pm M-F

Max Bundle Weight: 10,000

Spacers:

MUST GET HEAT #'S // Appt - YES
Exact pieces must be noted for each heat number. Heat number(s) must be identified on all material by Hand writing, mill sticker or mill stenciling.
Material from "ALL" Gerdau Ameristeel mills - the manifest from Gerdau to Traid must ship w/truck w/matching certs.
Heat numbers must appear on all processed plates parts.
Please confirm which way per each order separately, paint stick, galv marker, pin stamp, etc.

Please email copy of the BOL before the load ships and
Email certs at time of shipment to : tbarnett@usbridge.com and jporter@usbridge.com
Trucks are forbidden to be on-site prior to 8:30am
Material from "ALL" Gerdau Ameristeel mills - the manifest from Gerdau to Traid must ship w/truck w/matching certs.
** Heat number(s) must be identified on all material by Hand writing, mill sticker or mill stenciling
Customer offloads material outside

Driver Signature: _____

Consignee Signature: _____

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The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

CARRIER CUSTOMER	PER	PER DATE

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

Permanent post office address of shipper

Customer Name: Superior Steel Corporation
Customer PO#: STOCK-L-176
Shipper No: 277722
Heat Number: L99417

ArcelorMittal

ArcelorMittal LaPlace
138 HWY 3217
LaPlace LOUISIANA 70068
Telephone (985) 652-4900
Export Country = USA

MATERIAL CERTIFICATION REPORT

METAL TRADER INC, (TRIAD METAL)
1 Village Road
HORSHAM PA 19044
USA

TRIAD METALS INTERNATIONAL
NEVILLE ISLAND, PA
3450 GRAND AVE.
NEVILLE ISLAND PA 15225
USA

Tested in Accordance
With: ASTM A6

Sales Order	142674-6	Date	10/20/2015	PO:	76808
Product	Unequal Angles	Cust	40006874	Ref.	80850836
Heat NO.	L99417	Grade	A3652950	Pieces	21
Cust.Mat.		Length	40' 00"	Weight	9828
Size	6"X3 1/2"X3/8"X11.700				

CHEMICAL ANALYSIS	
C	0.11
Mn	0.98
P	0.012
S	0.028
Si	0.22
Cu	0.30
Ni	0.18
Cr	0.17
Mo	0.070
Cb	0.015
V	0
B	
Al	
Sn	0.011
N	
Ti	

Ci	5.8
CE	0.35

MECHANICAL PROPERTIES	TEST 1 IMPERIAL	TEST 1 METRIC	TEST 2 IMPERIAL	TEST 2 METRIC	TEST 3 IMPERIAL	TEST 3 METRIC
YIELD STRENGTH	53900 PSI	372 MPa	59300 PSI	409 MPa		
TENSILE STRENGTH	78600 PSI	542 MPa	78600 PSI	542 MPa		
ELONGATION	32 %	32 %	32 %	32 %		
GAUGE LENGTH	8 IN	203 mm	8 IN	203 mm		
BEND TEST DIAMETER						
BEND TEST RESULTS						
SPECIMEN AREA						
REDUCTION OF AREA						
IMPACT STRENGTH						

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS		GRAIN SIZE	
AVERAGE			SEVERITY		HARDNESS	
TEST TEMP			FREQUENCY		GRAIN PRACTICE	
ORIENTATION			RATING		REDUCTION RATIO	

This heat makes the following grades: A36-08,A52950-05,G40.21-CSA50W,CSA44W,A70936-09a, ASME SA36-2010, A57250-07, A70950-10, and the following AASHTO M270 Grades: 36, 50, and 345. Heat is free of Mercury contamination in the process.

This heat also makes ABSA .

I hereby certify that the material test results presented here are from the reported heat and are correct. All tests were performed in accordance to the specification reported above. All steel is electric arc furnace melted (billets), manufactured, processed, tested in the U.S.A with satisfactory results. No weld repair was performed on this heat.

Notarized upon request:
Sworn to and subscribed before me on this 20th day of October, 2015

Signed Mark Edwards
MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

Notary Public _____ Parish/County _____

Direct any questions or necessary clarifications concerning this report to the Sales Department 1-800-535-7692(USA)

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 331928

Carrier: Material Logistics Management, Inc. **BOL No.** 340837

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Wassell Land)
Wassell Land
3507 Grand Avenue
Pittsburgh, PA 15225-1508
Phone:

Ship Date: 07/24/2019

CUSTOMER COPY

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Quantity	Description	Width	Length	Weight
Cust PO: 190148-02 MAITON BR#1	Contract:		*Sales Order:* 459603	
Heat Numbers: 1809667(16)				
16	2 x 2 x 3/16 HR Tube A500 GR B A500 GR B		40' 0"	2,764.80
EXACT / M&M DOMESTIC /WRITE HEAT# ON MATERIAL				
Cust PO: 190148-02 MAITON BR#1	Contract:		*Sales Order:* 459603	
Heat Numbers: NG3893(3)				
3	10 x 4 x 1/4 HR Tube A500 GR B A500 GR B		40' 0"	2,690.40
EXACT / M&M DOMESTIC /WRITE HEAT# ON MATERIAL				
Cust PO: STOCK-C-114	Contract:		*Sales Order:* 459741	
Heat Numbers: I117932(6)				
6	8 x 11.5 HR Channel A36		40' 0"	2,760.00
EXACT / M&M DOMESTIC /WRITE HEAT# ON MATERIAL				
Cust PO: STOCK-C-114	Contract:		*Sales Order:* 459741	
Heat Numbers: L116807(25)				
25	5 x 3-1/2 x 3/8 HR Angle A36		40' 0"	10,400.00
EXACT / M&M DOMESTIC /WRITE HEAT# ON MATERIAL				

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 331928

Carrier: Material Logistics Management, Inc. **BOL No.** 340837

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Wassell Land)
Wassell Land
3507 Grand Avenue
Pittsburgh, PA 15225-1508
Phone:

Ship Date: 07/24/2019

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Total Weight: 18,615.20

Shipping Instructions:

Receiving Hours: 8:30am-1:30pm M-F

Max Bundle Weight: 10,000

Spacers:

All material must be M&M Domestic
No Dings, Dents, Chain Kinks or damaged material
MUST GET HEAT #'S
Exact pieces must be noted for each heat number. Heat number(s) must be identified on all material by Hand writing, mill sticker or mill stenciling.
Material from "ALL" Gerdau Ameristeel mills - the manifest from Gerdau to Traid must ship w/truck w/matching certs.
Heat numbers must appear on all processed plates parts.
HEAT# and PLATE ID# MUST BE REFERENCED ON ALL PAPERWORK.
Please confirm which way per each order separately, paint stick, galv marker, pin stamp, etc.
Please email copy of the BOL before the load ships and
Email certs at time of shipment to : ejarrell@usbridge.com and mmesarchik@usbridge.com
Trucks are forbidden to be on-site prior to 8:30am
Customer offloads material outside

Driver Signature: _____

Consignee Signature: Mike Mesarchik
7-25-19

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

CARRIER CUSTOMER	PER	PER DATE

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

Permanent post office address of shipper

Heat Number L116807

Shipper No 459741

Customer PO# STOCK-C-114

Customer Name U.S. Bridge

BAYOU STEEL GROUP

BAYOU STEEL GROUP
(LAPLACE)
138 HWY 3217
LaPlace LOUISIANA 70068
Telephone (985) 652-4900

MATERIAL CERTIFICATION REPORT

METAL TRADER INC, (TRIAD METAL)
1 Village Road
HORSHAM PA 19044
ETATS-UNIS

TRIAD METALS INTERNATIONAL
NEVILLE ISLAND, PA
3450 GRAND AVE.
NEVILLE ISLAND PA 15225
USA

Tested in Accordance
With: ASTM A6

Sales Order	191193-15	Date	01/27/2019	PO:	138119
Product	Unequal Angles	Cust	40006874	Ref.	81025707
Heat NO.	L116807	Grade	A3652950	Pieces	25
Cust.Mat.		Length	40' 00"	Weight	10400
Size	U5X3-1/2X3/8X10.40 * LP				

CHEMICAL ANALYSIS	
C	0.10
Mn	0.95
P	0.012
S	0.023
Si	0.16
Cu	0.33
Ni	0.17
Cr	0.24
Mo	0.064
Cb	0.015
V	0
B	
Al	
Sn	0.009
N	
Ti	

Ci	5.9
CE	0.35

MECHANICAL PROPERTIES	TEST 1 IMPERIAL	TEST 1 METRIC	TEST 2 IMPERIAL	TEST 2 METRIC	TEST 3 IMPERIAL	TEST 3 METRIC
YIELD STRENGTH	54100 PSI	373 MPa	53000 PSI	365 MPa		
TENSILE STRENGTH	75700 PSI	522 MPa	76400 PSI	527 MPa		
ELONGATION	34 %	34 %	35 %	35 %		
GAUGE LENGTH	8 IN	203 mm	8 IN	203 mm		
BEND TEST DIAMETER						
BEND TEST RESULTS						
SPECIMEN AREA						
REDUCTION OF AREA						
IMPACT STRENGTH						

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS		GRAIN SIZE	
AVERAGE			SEVERITY		HARDNESS	
TEST TEMP			FREQUENCY		GRAIN PRACTICE	
ORIENTATION			RATING		REDUCTION RATIO	

This heat makes the following grades: A36-14, A52950-14, G40.21-CSA50W, CSA44W, A70936-13a, ASME SA36-2010, A57250-12a, A70950-13a, and the following AASHTO M270 Grades: 36, 50, and 345. Heat is free of Mercury contamination in the process. This material conforms to EN 10204 3.1.

I hereby certify that the material test results presented here are from the reported heat and are correct. All tests were performed in accordance to the specification reported above. All steel is electric arc furnace melted (billets), manufactured, processed, tested in the U.S.A with satisfactory results. No weld repair was performed on this heat.

Notarized upon request:
Sworn to and subscribed before me on this 27th day of January, 2019

Signed Mark Edwards
MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

Notary Public _____ Parish/County _____

Direct any questions or necessary clarifications concerning this report to the Sales Department 1-800-535-7692(USA)

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73342

GRANT ST

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at AUSTINTOWN OHIO 10-25 20 18 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to SUPERIOR STEEL

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OH Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572 50			
3	1/4 x 96 x 240	4,901		
	HEAT # B8U5903			
3	1/2 x 96 x 240	9,801		
	HEAT # 8504678			
2	3/4 x 96 x 240	9,801		
	HEAT # 8502531			
4	5/8 x 96 x 240	16335		
	HEAT # D0123 (3)			
	811Y11060 (1)			
		40,938		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per GRANT ST Agent, Per _____

Permanent post-office address of shipper, 197 W. MARKET ST. STE 300, WARREN, OHIO 44481

3

100 E MARKET ST SUITE 11 WARREN - OHIO 44481

ALL LOADS MUST BE TARPED

NUCOR

NUCOR STEEL TUSCALOOSA, INC.

PD22248-22274

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T197047	00000000814191	N-167430-004	11-45249 04		S81419101-1	09/26/2018 17:37

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A572 50, 0.2500 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
8I2709F	B8U5604-01 ***	B8U5604	0.21	1.05	0.013	0.006	0.05	0.31	0.12	0.12	0.011	0.003	0.038	0.028	0.001	0.006	0.0002	0.0009			
8I2708B	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			
8I2708C	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			
8I2708D	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
8I2709F	S8I2709FTT	B8U5604-01 ***	64.3	84.1	76.5	25.8													
8I2709F	S8I2709MTT	B8U5604-01 ***	66.0	82.8	79.7	23.6													
8I2708B	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708B	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													
8I2708C	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708C	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													
8I2708D	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708D	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													

Items: 4 **PCS:** 27 **Weight:** 44106 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73363

GRANT ST.

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at AUSTINTOWN OHIO 11-16 20 18 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to SUPERIOR STEEL

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OH Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50			
8	1/4 x 96 x 240	13,068		
	HEAT # B5U5703 (6)			
2	5/8 x 96 x 240	8,168		
	HEAT # 8507014			
6	1/2 x 96 x 240	19,602		
	HEAT # 8507014 (6)			
		40,838		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per GRANT ST Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

8700 E MARKET ST SUITE 11

ALL LOADS MUST BE TARPED

4

1184

NUCOR
NUCOR STEEL TUSCALOOSA, INC.

PO 228863 - 228881

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T197049	00000000814193	N-167430-004	11-45249 04		S81419301-1	10/18/2018 15:39

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.2500 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
8I2708E	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			
8J0318C	A8W3786-04 ***	A8W3786	0.06	1.32	0.009	0.001	0.22	0.18	0.06	0.05	0.023	0.026	0.046	0.030	0.013	0.008	0.0002	0.0015			
8J0318D	A8W3786-04 ***	A8W3786	0.06	1.32	0.009	0.001	0.22	0.18	0.06	0.05	0.023	0.026	0.046	0.030	0.013	0.008	0.0002	0.0015			

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
8I2708E	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708E	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													
8J0318C	S8J0318FTT	A8W3786-04 ***	70.9	78.5	90.3	25.0													
8J0318C	S8J0318MTT	A8W3786-04 ***	69.2	77.1	89.8	26.3													
8J0318D	S8J0318FTT	A8W3786-04 ***	70.9	78.5	90.3	25.0													
8J0318D	S8J0318MTT	A8W3786-04 ***	69.2	77.1	89.8	26.3													

Items: 3 PCS: 19 Weight: 31037 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

NUCOR
NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PD22248-22274

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T197047	00000000814191	N-167430-004	11-45249 04		S81419101-1	09/26/2018 17:37

Grade

Order Description:
Hot Roll Plate From Coil
A572 50, 0.2500 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
8I2709F	B8U5604-01 ***	B8U5604	0.21	1.05	0.013	0.006	0.05	0.31	0.12	0.12	0.011	0.003	0.038	0.028	0.001	0.006	0.0002	0.0009			
8I2708B	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			
8I2708C	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			
8I2708D	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
8I2709F	S8I2709FTT	B8U5604-01 ***	64.3	84.1	76.5	25.8													
8I2709F	S8I2709MTT	B8U5604-01 ***	66.0	82.8	79.7	23.6													
8I2708B	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708B	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													
8I2708C	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708C	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													
8I2708D	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708D	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													

Items: 4 **PCS:** 27 **Weight:** 44106 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Quilin Yu

Dr. Quilin Yu - Metallurgist

Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73449

BAEL FIXTURED SERVICES

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at HAMILTON OHIO 4-02 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OH Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50			
5	.1875 x 96 x 240	6.125		
	HEAT # B8W6341 (5)			
5	.250 x 96 x 240	8.168		
	HEAT # B8U5903 (5)			
		14.293		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

NUCOR
NUCOR STEEL TUSCALOOSA, INC.

PD22248-22274

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T197047	00000000814191	N-167430-004	11-45249 04		S81419101-1	09/26/2018 17:37

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A572 50, 0.2500 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
8I2709F	B8U5604-01 ***	B8U5604	0.21	1.05	0.013	0.006	0.05	0.31	0.12	0.12	0.011	0.003	0.038	0.028	0.001	0.006	0.0002	0.0009			
8I2708B	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			
8I2708C	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			
8I2708D	B8U5903-01 ***	B8U5903	0.06	1.20	0.008	0.002	0.07	0.16	0.04	0.05	0.015	0.005	0.047	0.026	0.002	0.009	0.0003	0.0017			

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
8I2709F	S8I2709FTT	B8U5604-01 ***	64.3	84.1	76.5	25.8													
8I2709F	S8I2709MTT	B8U5604-01 ***	66.0	82.8	79.7	23.6													
8I2708B	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708B	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													
8I2708C	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708C	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													
8I2708D	S8I2708FTT	B8U5903-01 ***	64.8	72.4	89.5	25.5													
8I2708D	S8I2708MTT	B8U5903-01 ***	62.5	71.4	87.5	23.2													

Items: 4 **PCS:** 27 **Weight:** 44106 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22878

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	75
2	72
3	73
Avg.	73

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full

This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a Guaranty or Warranty of the condition of the materials tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was done at room temperature. All work performed in accordance with TTML QA Manual Rev D 02/15/07.

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Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22879

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	78
2	74
3	76
Avg.	76

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22880

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	80
2	75
3	92
Avg.	83

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22881

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	87
2	91
3	88
Avg.	89

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22250

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	80
2	88
3	84
Avg.	84

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22251

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	95
2	83
3	108
Avg.	95

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22252

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	86
2	80
3	93
Avg.	86

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

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Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22253

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	80
2	77
3	94
Avg.	84

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

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LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION	HEAT #	WEIGHT	COST
PD 22262	x.250	96x240 A572-50	B8U5903		
22263	x				
22264	x				
22265	x				
22266	x				
PD 22787	x.1875	96x240 A572-50	B8W6341		
22788	x				
22789	x				
22790	x				
22791	x				
PD 25765	x.625	96x240 A572-50	A9M0334	FRACTURE CRITICAL	

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Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22878

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item	Charpy, ft-lbs
Cust. Req.:	Full Size: 25 Min 3/4 Size: 19 Min
1	75
2	72
3	73
Avg.	73

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

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8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22879

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item	Charpy, ft-lbs
Cust. Req.:	Full Size: 25 Min 3/4 Size: 19 Min
1	78
2	74
3	76
Avg.	76

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

ACCREDITED Certificate# 0161.01 & 0161.02

This Report May Not Be Reproduced Except In Full

This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a Guaranty or Warranty of the condition of the materials tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was done at room temperature. All work performed in accordance with TTML QA Manual Rev D 02/15/07.

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22880

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	80
2	75
3	92
Avg.	83

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22881

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	87
2	91
3	88
Avg.	89

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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METALLURGICAL LABORATORY

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CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22250

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item	Charpy, ft-lbs
Cust. Req.:	Full Size: 25 Min 3/4 Size: 19 Min
1	80
2	88
3	84
Avg.	84

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

ACCREDITED Certificate# 0161.01 & 0161.02

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TTML TENSILE TESTING
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A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
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FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22251

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item	Charpy, ft-lbs
Cust. Req.:	Full Size: 25 Min 3/4 Size: 19 Min
1	95
2	83
3	108
Avg.	95

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CLEVELAND, OHIO 44125
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www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22252

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	86
2	80
3	93
Avg.	86

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Amended Copy: 11-29-18
Job No.: 1811-14-0832
Date: 11-26-18
Cust. PO#: T-354

Description: 1 sample 1/4" x 5" x 5" Plate Heat# B8U5903 Plate# PD22253

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Zone 2, Frequency P

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min 3/4 Size: 19 Min
1	80
2	77
3	94
Avg.	84

Test Method: ASTM A370-17a, ASTM E23-16b, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73544

(C.P.U) Pro# 826457

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at Austintown Ohio 9-16 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to C S BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OHIO Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route _____

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A588			
2	1/2 x 96 x 240	6534		
	HEAT # 913H66180 (3)			
	A572-50			
3	1/4 x 96 x 240	4.901		
	HEAT # APP0705 (3)			
	A572-50 FRACTURE CRITICAL			
4	1/2 x 96 x 240	12.067		
	HEAT #			
		24.502		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not a part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

4

1184

LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION		HEAT #	WEIGHT	COST
PD 27937	.500	96x240	A588	813H6680		
27938	"	"	"	"		
PD 27927	.250	96x240	A572-50	A990905		
27928	"	"	"	"		
27929	"	"	"	"		
PD 28605	.500	96x240	A572-50	950234Z	FRACTURE CRITICAL	
28606	"	"	"	950234Y	"	"
28607	"	"	"	"	"	"
28608	"	"	"	"	"	"

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

Nucor Steel Tuscaloosa, Inc.
1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PO 27911-27972

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
R209984	00000000843253	N-170622-001	45497-003 1		S84325301-1	03/07/2019 15:07

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A572/A709, 0.2500 IN x 96.000 IN x 240.000 IN

Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Sold TO:
KENILWORTH STEEL WARREN OH

Ship TO:
KENILWORTH STEEL Youngstown OH

Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
9B3001E	A9P0905-02 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			
9B3002B	A9P0905-05 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			
9B3002C	A9P0905-05 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			
9B3002D	A9P0905-05 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			
9B3002E	A9P0905-05 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			
9B3003B	A9P0905-04 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			
9B3003C	A9P0905-04 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			
9B3003D	A9P0905-04 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			
9B3003E	A9P0905-04 ***	A9P0905	0.05	1.16	0.011	0.002	0.05	0.16	0.05	0.04	0.018	0.003	0.023	0.033	0.001	0.007	0.0001	0.0009			

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Quilin Yu

Dr. Quilin Yu - Metallurgist

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

Nucor Steel Tuscaloosa, Inc.
1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
R209984	00000000843253	N-170622-001	45497-003 1		S84325301-1	03/07/2019 15:07

Grade

Order Description:
Hot Roll Plate From Coil
A572/A709, 0.2500 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Customer:

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
9B3001E	S9B3001FTT	A9P0905-02 ***	64.4	74.7	86.2	25.4													
9B3001E	S9B3001MTT	A9P0905-02 ***	66.2	73.4	90.2	24.7													
9B3002B	S9B2999FTT	A9P0905-05 ***	71.4	81.1	88.0	23.3													
9B3002B	S9B3001FTT	A9P0905-05 ***	64.4	74.7	86.2	25.4													
9B3002B	S9B2999MTT	A9P0905-05 ***	72.7	79.5	91.4	23.4													
9B3002B	S9B3001MTT	A9P0905-05 ***	66.2	73.4	90.2	24.7													
9B3002C	S9B2999FTT	A9P0905-05 ***	71.4	81.1	88.0	23.3													
9B3002C	S9B3001FTT	A9P0905-05 ***	64.4	74.7	86.2	25.4													
9B3002C	S9B2999MTT	A9P0905-05 ***	72.7	79.5	91.4	23.4													
9B3002C	S9B3001MTT	A9P0905-05 ***	66.2	73.4	90.2	24.7													
9B3002D	S9B2999FTT	A9P0905-05 ***	71.4	81.1	88.0	23.3													
9B3002D	S9B3001FTT	A9P0905-05 ***	64.4	74.7	86.2	25.4													
9B3002D	S9B2999MTT	A9P0905-05 ***	72.7	79.5	91.4	23.4													
9B3002D	S9B3001MTT	A9P0905-05 ***	66.2	73.4	90.2	24.7													
9B3002E	S9B2999FTT	A9P0905-05 ***	71.4	81.1	88.0	23.3													
9B3002E	S9B3001FTT	A9P0905-05 ***	64.4	74.7	86.2	25.4													
9B3002E	S9B2999MTT	A9P0905-05 ***	72.7	79.5	91.4	23.4													
9B3002E	S9B3001MTT	A9P0905-05 ***	66.2	73.4	90.2	24.7													

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

NUCOR®

NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

Nucor Steel Tuscaloosa, Inc.
1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
R209984	00000000843253	N-170622-001	45497-003 1		S84325301-1	03/07/2019 15:07

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A572/A709, 0.2500 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A57250/A70950: ASTM A572-50-15/SA572-50/A709-50-15/M270-50

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	ELONGATION % 8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	Charpy 1	Charpy 2	Charpy 3	Charpy Avg	Shear % 1	Shear % 2	Shear % 3	Shear % Avg	Test Temp
9B3003B	S9B2999FTT	A9P0905-04 ***	71.4	81.1	88.0	23.3													
9B3003B	S9B3001FTT	A9P0905-04 ***	64.4	74.7	86.2	25.4													
9B3003B	S9B2999MTT	A9P0905-04 ***	72.7	79.5	91.4	23.4													
9B3003B	S9B3001MTT	A9P0905-04 ***	66.2	73.4	90.2	24.7													
9B3003C	S9B2999FTT	A9P0905-04 ***	71.4	81.1	88.0	23.3													
9B3003C	S9B3001FTT	A9P0905-04 ***	64.4	74.7	86.2	25.4													
9B3003C	S9B2999MTT	A9P0905-04 ***	72.7	79.5	91.4	23.4													
9B3003C	S9B3001MTT	A9P0905-04 ***	66.2	73.4	90.2	24.7													
9B3003D	S9B2999FTT	A9P0905-04 ***	71.4	81.1	88.0	23.3													
9B3003D	S9B3001FTT	A9P0905-04 ***	64.4	74.7	86.2	25.4													
9B3003D	S9B2999MTT	A9P0905-04 ***	72.7	79.5	91.4	23.4													
9B3003D	S9B3001MTT	A9P0905-04 ***	66.2	73.4	90.2	24.7													
9B3003E	S9B2999FTT	A9P0905-04 ***	71.4	81.1	88.0	23.3													
9B3003E	S9B3001FTT	A9P0905-04 ***	64.4	74.7	86.2	25.4													
9B3003E	S9B2999MTT	A9P0905-04 ***	72.7	79.5	91.4	23.4													
9B3003E	S9B3001MTT	A9P0905-04 ***	66.2	73.4	90.2	24.7													

Items: 9 **PCS:** 62 **Weight:** 101279 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

'***' indicates Heats melted and Manufactured in the U.S.A.

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1907-30-1797
Date: 8-1-19
Cust. PO#: T-432

Description: 1 sample 1/4" x 5" x 5" Plate Heat# A9P0905 Plate# PD29721

Material: ASTM A572-50

Spec: ASTM A673-07(12), Frequency H

Temp: Charpy Test Temperature @ 0°F
1/2 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 15 Min. 1/2 Size: 8 Min.
1	69
2	76
3	76
Avg.	74

Test Method: ASTM A370-18, ASTM E23-18, Transverse, Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1908-14-0810
Date: 8-19-19
Cust. PO#: T-439

Description: 2 samples 1/4" x 5" x 5" Plate Heat# A9P0905 Plate# PD27927

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/2 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/2 Size: 13 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/2 Size: 13 Min
A-1	84	**B-1**	84
2	88	**2**	84
3	105	**3**	91
Avg.	92	**Avg.**	86

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1908-14-0810
Date: 8-19-19
Cust. PO#: T-439

Description: 2 samples 1/4" x 5" x 5" Plate Heat# A9P0905 Plate# PD27928

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/2 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/2 Size: 13 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/2 Size: 13 Min
A-1	80	B-1	89
2	86	2	104
3	99	3	93
Avg.	88	Avg.	95

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1908-14-0810
Date: 8-19-19
Cust. PO#: T-439

Description: 2 samples 1/4" x 5" x 5" Plate Heat# A9P0905 Plate# PD27929

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +25°F
1/2 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/2 Size: 13 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 1/2 Size: 13 Min
A-1	89	B-1	87
2	88	2	99
3	85	3	88
Avg.	87	Avg.	91

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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Original-Not Negotiable

Straight Bill of Lading

Long Form

Shipper's No. 73477

PENN OHIO

(Name of Carrier)

Carrier's No. _____

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the Bill of Lading,

at AUSTINTOWN OHIO 5-01 20 19 From KENILWORTH STEEL COMPANY

at property described below, in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western, and Illinois Freight Classification in effect on the date thereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

Consigned to US BRIDGE

(Mail or street address at consignee—For purposes of notification only.)

Destination CAMBRIDGE State OH Zip 43725 County _____ Delivery Address ★ _____

★ To be filled in only when shipper desires and governing tariffs provide for delivery thereof.)

Route 201 WHEELING AVE

Delivering Carrier _____ Car or Vehicle Initials _____ No. _____

No. Packages	Kind of Package, Description of Articles, Special Marks, and Exceptions	*WEIGHT (Subject to Correction)	Class or Rate	Check Column
	A572-50 FRACTURE CRITICAL			
3	.625 x 96 x 240	12252		
	HEAT # A9M0334 (3)			
7	.625 x 96 x 240	38587		
	HEAT # 8507744 (7)			
		40.839		

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here; "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

_____
Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges Advanced:

$ _____

†Shipper's imprint in lieu of stamp; not part of Bill of Lading approved by the Interstate Commerce Commission.

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE–Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

Stables

per

†The fibre boxes used for this shipment conform to the specifications set forth in the box maker's certificate thereon, and all other requirements of the Consolidated Freight Classification.

KENILWORTH STEEL COMPANY Shipper, Per _____ Agent, Per _____

Permanent post-office address of shipper, 8700 E. MARKET ST. STE 11, WARREN, OHIO 44484

ALL LOADS MUST BE TARPED

LOAD/JOB # _____

INV. #: _____ DATE REC'D: _____

INV. DATE: _____ FROM: _____

INV. AMT.: _____ P.O.#: _____

ACCT.: US BRIDGE WT: _____

FRT.: _____

PLATE #	GA.	DESCRIPTION		HEAT #	WEIGHT	COST
PD24368	.625	96x240	A572-50	8507744		
24369	↓	↓	↓	↓		
24370	↓	↓	↓	↓		
24371	↓	↓	↓	↓		
24372	↓	↓	↓	↓		
24373	↓	↓	↓	↓		
24374	↓	↓	↓	↓		
PD25766	.625	96x240	A572-50	A9M0334	FC.	
25767	↓	↓	↓	↓	↓	
25768	↓	↓	↓	↓	↓	
PD24273	.250	96x240	A588	A8X4201		
24274	↓	↓	↓	↓		
24275	↓	↓	↓	↓		
24276	↓	↓	↓	↓		

NUCOR
PLATE MILL

P.O.Box 279
Winton, NC 27986
(252) 356-3700

PD 24352-24380

Mill Test Report

1505 River Rd
Cofield, NC 27922
(252) 356-3700

NUCOR
It's Our Nature

Issuing Date : 11/27/2018 **B/L No. :** 519356 **Load No. :** 529871 **Our Order No. :** 162474/4 **Cust. Order No. :** 12-45342

Vehicle No: TTPX 804381

Sold To: KENILWORTH STEEL CO
8700 EAST MARKET ST STE 11
WARREN,OH 44484

Ship To: PENN OHIO LOGISTICS
3710 HENDRICKS RD
YARR/OHIO CENTRAL
YOUNGSTOWN,OH 44515

Specification: 0.6250" x 96.000" x 240.000"
ASTM A572 Grade 50/345-18/A709 Grade 50-18/ AASHTO M270-2017 50
97 Type 2

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al(tot)	V	Nb	Ti	N	Ca	B	Sn	Ceq	Pcm
8507744	0.18	1.27	0.013	0.001	0.19	0.23	0.10	0.10	0.03	0.022	0.042	0.002	0.002		0.0030	0.0000	0.010	0.45	0.27

Plate Serial No	Pieces	Tons	Tensile Test Dir.	(psi) Yield	(psi) Tensile	Elong. % in 2"	Elong. % in 8"
8507744-05	9	18.37	T	59,700	84,700		20.9
			T	59,200	82,800		21.9
8507744-06	10	20.41	T	59,700	84,700		20.9
			T	59,200	82,800		21.9
8507744-07	10	20.41	T	59,700	84,700		20.9
			T	59,200	82,800		21.9

MAMIE L CHAMBLEE
Notary Public
Bertie
County
My Comm. Exp.
10-17-2023
NORTH CAROLINA

Mamie L. Chamblee
November 27, 2018

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast discrete plate as-rolled, unless otherwise noted in Specification. For Mexico shipments:nhc-SalesMX@Nucor.com
Yield by 0.5EUL method unless otherwise specified. Ceq = C+(Mn/6)+((Cr+Mo+V)/5)+((Cu+Ni)/15)
Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
Melted and Manufactured in the USA. ISO 9001:2008 certified (#010940) by SRI Quality System Registrar (#0985-09). PED 97/23/EC 7/2 Annex 1, Para. 4.3 Compliant. DIN 50049 3.1.B/EN 10204 3.1B(2004), DIN EN 10204 3.1(2005) compliant. For ABS grades only, Quality Assurance certificate 14-MMPQA-723

We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications, including customer specifications.

T. A. Depretis

T. A. Depretis, Metallurgist

11/27/2018 12:36:08 PM

TTML TENSILE TESTING METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1904-26-1722
Date: 5-1-19
Cust. PO#: T-407

Description: 2 samples .625" Plate Heat# 8507744 Plate# PD24373

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min
1-1	86	2-1	70
2	89	2	67
3	78	3	74
Avg.	84	Avg.	70

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1904-26-1722
Date: 5-1-19
Cust. PO#: T-407

Description: 2 samples .625" Plate Heat# 8507744 Plate# PD24374

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min
1-1	49	2-1	53
2	54	2	71
3	51	3	60
Avg.	51	Avg.	61

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1904-26-1722
Date: 5-1-19
Cust. PO#: T-407

Description: 2 samples .625" Plate Heat# 8507744 Plate# PD24368

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min
1-1	45	2-1	140
2	37	2	115
3	48	3	135
Avg.	43	Avg.	130

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1904-26-1722
Date: 5-1-19
Cust. PO#: T-407

Description: 2 samples .625" Plate Heat# 8507744 Plate# PD24369

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min
1-1	50	2-1	65
2	70	2	46
3	41	3	43
Avg.	53	Avg.	51

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1904-26-1722
Date: 5-1-19
Cust. PO#: T-407

Description: 2 samples .625" Plate Heat# 8507744 Plate# PD24370

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min
1-1	36	2-1	51
2	59	2	45
3	40	3	69
Avg.	45	Avg.	55

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Michael Gryda
Authorized Agent

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CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1904-26-1722
Date: 5-1-19
Cust. PO#: T-407

Description: 2 samples .625" Plate Heat# 8507744 Plate# PD24371

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min
1-1	32	2-1	46
2	54	2	40
3	49	3	45
Avg.	45	Avg.	44

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

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Michael Gryda
Authorized Agent

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CLEVELAND, OHIO 44125
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FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

Kenilworth Steel
8700 East Market St Suite 11
Warren OH 44484

Job No.: 1904-26-1722
Date: 5-1-19
Cust. PO#: T-407

Description: 2 samples .625" Plate Heat# 8507744 Plate# PD24372

Material: A572 Gr. 50

Spec: ASTM A673-07(12), ASTM A709-17, Frequency P, Zone 2

Temp: Charpy Test Temperature @ +40°F
3/4 Size

TEST RESULTS

Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min.	Item Cust. Req.:	Charpy, ft-lbs Full Size: 25 Min. 3/4 Size: 19 Min
1-1	77	2-1	62
2	90	2	38
3	77	3	51
Avg.	81	Avg.	50

Test Method: ASTM A370-18, ASTM E23-18, Longitudinal Type A, 8mm Striker Radius

The above **Conforms** to requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a guarantee or warranty of the condition of the materials tested. The results reported relate only to the items tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury, or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was performed at room temperature. All work was performed in accordance with TTML QA Manual Rev E, dated 01/01/2019.

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 338308

Carrier: TMT Transportation, LLC **BOL No.** 347842

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Neville Island)
3450 Grand Ave.
Pittsburgh, PA 15225-1508
Phone: 412-331-7772

Ship Date: 09/20/2019

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Quantity	Description		Width	Length	Weight
Cust PO: STOCK-W-312		Contract:	TRL. 27	*Sales Order:* 451072	
Heat Numbers: B163043(8)					
8	6 x 25 HR WF Beam (S) A992			50' 0"	10,000.00
Cust PO: 190192-01 PA		Contract:	TRL. 27	*Sales Order:* 463209	
Heat Numbers: B168377(5)					
5	24 x 76 HR WF Beam A992			33' 0"	12,540.00
CVN 15lb@40*F zone 2					
Cust PO: 190149-03 VA		Contract:	TRL. 27	*Sales Order:* 465126	
Heat Numbers: 58039606(1)					
1	14 x 30 HR WF Beam A992			60' 0"	1,800.00
M&M DOMESTIC HEAT# MUST BE WRITTEN ON THE VISIBLE END OF THE INSIDE WEBB ON ALL PIECES					

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 338308

Carrier: TMT Transportation, LLC **BOL No.** 347842

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Neville Island)
3450 Grand Ave.
Pittsburgh, PA 15225-1508
Phone: 412-331-7772

Ship Date: 09/20/2019

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Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Total Weight: **24,340.00**

Shipping Instructions:

Receiving Hours: 8:30am-1:30pm M-F

Max Bundle Weight: 10,000

Spacers:

All material must be M&M Domestic
No Dings, Dents, Chain Kinks or damaged material
MUST GET HEAT #'S
Exact pieces must be noted for each heat number. Heat number(s) must be identified on all material by Hand writing, mill sticker or mill stenciling.
Material from "ALL" Gerdau Ameristeel mills - the manifest from Gerdau to Traid must ship w/truck w/matching certs.
Heat numbers must appear on all processed plates parts.
HEAT# and PLATE ID# MUST BE REFERENCED ON ALL PAPERWORK.
Please confirm which way per each order separately, paint stick, galv marker, pin stamp, etc.
Please email copy of the BOL before the load ships and
Email certs at time of shipment to : ejarrell@usbridge.com and mmesarchik@usbridge.com
Trucks are forbidden to be on-site prior to 8:30am
Customer offloads material outside

Driver Signature: _____

Consignee Signature: Mike Mesarchik 9-20-19

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

CARRIER CUSTOMER	PER	PER DATE

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

Permanent post office address of shipper

GERDAU

Straight Bill of Lading

Shippers No. 1327-0000340141

Shipment Doc. No. 11880232

WARD ROAD MIDLOTHIAN, TX 76065 US

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination, it is agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification, in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNED TO	INVOICE TO	SHIP DATE	APPROVAL CODE
TRIAD METALS INTERNATIONAL	TRIAD METALS INTERNATIONAL METAL TR ADERS	16-SEP-19	OPERACAO
3450 GRAND AVE PITTSBURGH, PA, 15225-1508	1 VILLAGE RD HORSHAM, PA, 19044-3800	CUST.ACCOUNT NO 100103608	

CARRIER:	CUSTOMER PICK UP	CAR / VEHICLE INITIALS:	13600/948155
DESTINATION:	SEE CONSIGNED TO	DELIVERY ADDRESS:	SEE CONSIGNED TO
ROUTE:	CUSTOMER PICK UP	DELIVERY CARRIER:	CUSTOMER PICK UP

SPECIAL INSTRUCTIONS : MUST TARP WF BEAMS FROM NOVEMBER 1 - MARCH 31. DO NOT LEAVE THE MILL WITHOUT AN APPT.

DESCRIPTION OF ARTICLES: 3 BUNDLES, IRON OR STEEL RODS OR BARS, DESCRIBED BELOW

Freight Charges are to be PREPAID, unless marked Collect. Check Box if Collect. [ ]

SHAPE AND SIZE / PART #	DRAW #	GRADE / BUNDLE ID	MILL	LENGTH	CUST PO # / HEAT / BATCH	SALES ORDER # / WEIGHT (LB)	ITEM # / WEIGHT (KG)	DELIVERY # / PCS	ITEM #	CUSTOMER MATERIAL NUMBER
Wide Flange Beam 24 X 76# / 610 X 113		A992/A572-50		65'00"	150973	8143061	10	8117825108	10	
		11327250000031254354	1327		59087793/06	4,940 LB	2,241 KG	1		
					59087795/05	9,880 LB	4,481 KG	2		
		11327250000031254363	1327		59087795/05	14,820 LB	6,722 KG	3		
		SUBTOTAL		2 BUNDLES		29,640 LB	13,444 KG	6 PCS		
Wide Flange Beam 14 X 30# / 360 X 44		A992/A572-50		60'00"	151227	8173192	10	8117862527	10	
		11327250000021264004	1327		58039606/02	10,600 LB	4,899 KG	6		

AGENT

DATE

Gerdau Corporation Shipper, per .....

Permanent post office address of shipper WARD ROAD MIDLOTHIAN TX 76065 US

Time of Day 09/16/2019 23:42:58

WARNING: This product can expose you to chemicals, including nickel, which are known to the State of California to cause cancer, and lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Straight Bill of Lading

GERDAU

Shippers No. 1327-0000340141

Shipment Doc. No. 11880232

WARD ROAD MIDLOTHIAN, TX 76065 US

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNED TO	INVOICE TO	SHIP DATE	APPROVAL CODE
TRIAD METALS INTERNATIONAL	TRIAD METALS INTERNATIONAL METAL TR ADERS	16-SEP-19	OPERACAO
3450 GRAND AVE PITTSBURGH, PA, 15225-1508	1 VILLAGE RD HORSHAM, PA, 19044-3800	CUST.ACCOUNT NO 100103608	

CARRIER:	CUSTOMER PICK UP	CAR / VEHICLE INITIALS:	13600/948155
DESTINATION:	SEE CONSIGNED TO	DELIVERY ADDRESS:	SEE CONSIGNED TO
ROUTE:	CUSTOMER PICK UP	DELIVERY CARRIER:	CUSTOMER PICK UP

SPECIAL INSTRUCTIONS : MUST TARP WF BEAMS FROM NOVEMBER 1 - MARCH 31. DO NOT LEAVE THE MILL WITHOUT AN APPT.

DESCRIPTION OF ARTICLES: 3 BUNDLES, IRON OR STEEL RODS OR BARS, DESCRIBED BELOW

Freight Charges are to be PREPAID, unless marked Collect. Check Box if Collect. [ ]

SHAPE AND SIZE / PART #	DRAW #	GRADE / BUNDLE ID	MILL	LENGTH	CUST PO # / HEAT / BATCH	SALES ORDER # / WEIGHT (LB)	ITEM # / WEIGHT (KG)	DELIVERY # / PCS	ITEM #	CUSTOMER MATERIAL NUMBER
		SUBTOTAL		1 BUNDLE		10,800 LB	4,899 KG	6 PCS		
		TOTAL		3 BUNDLES		40,440 LB	18,343 KG	12 PCS		

Note – Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

_____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

GERDAU
(SIGNATURE OF CONSIGNOR)

Shippers Total Net Weight (LB)	40,440	AGENT
Shippers Total Net Weight (KG)	18,343	DATE

Gerdau Corporation Shipper, per .....

Permanent post office address of shipper WARD ROAD MIDLOTHIAN TX 76065 US

Time of Day 09/16/2019 23:42:58

WARNING: This product can expose you to chemicals, including nickel, which are known to the State of California to cause cancer, and lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Page: 3

Receiving BOL: 1327-0000340141 - 11880232 Document: New Document

Comments:

Heat Number 58039606

Shipper No 465126

Customer PO# 190149-03 VA

Customer Name U.S. Bridge

GERDAU

CERTIFIED MATERIAL TEST REPORT

US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

CUSTOMER SHIP TO	CUSTOMER BILL TO
TRIAD METALS INTERNATIONAL 3450 GRAND AVE PITTSBURGH,PA 15225-1508 USA	TRIAD METALS INTERNATIONAL MET 1 VILLAGE RD HORSHAM,PA 19044-3800 USA

GRADE	SHAPE / SIZE	DOCUMENT ID:
A992/A572-50	Wide Flange Beam / 14 X 30# / 360 X 44	0000366520

LENGTH	PCS	WEIGHT	HEAT / BATCH
60'00"	6	10,800 LB	58039606/02

SALES ORDER	CUSTOMER MATERIAL N°
8173192/000010	

SPECIFICATION / DATE or REVISION
ASTM A6-17
ASTM A709-17
ASTM A992-11 (2015), A572-15
CSA G40.21-13 345WM

CUSTOMER PURCHASE ORDER NUMBER	BILL OF LADING	DATE
151227	1327-0000340141	09/16/2019

CHEMICAL COMPOSITION

C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.09	0.88	0.019	0.029	0.20	0.26	0.16	0.16	0.035	0.007	0.001	0.016	0.003

CHEMICAL COMPOSITION

CEqvA6 %
0.30

MECHANICAL PROPERTIES

YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T rati %	G/L inch
57270	75208	395	518	0.760	8.000
56470	73899	389	510	0.760	8.000

MECHANICAL PROPERTIES

G/L mm	Elong. %
200.0	25.10
200.0	25.10

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. Weld repair has not been performed on this material. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

BHASKAR YALAMANCHILI
QUALITY DIRECTOR
Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

WADE LUMPKINS
QUALITY ASSURANCE MGR.
Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 339237

Carrier: Material Logistics Management, Inc.

BOL No. 349017

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Neville Island)
3450 Grand Ave.
Pittsburgh, PA 15225-1508
Phone: 412-331-7772

Ship Date: 09/30/2019

CUSTOMER COPY

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Quantity	Description	Width	Length	Weight
Cust PO: 199183-03 MADISON CO.	Contract:		*Sales Order:* 469693	
Heat Numbers: 58039606(2) 55062888(18)				
20	14 x 30 HR WF Beam A992		60' 0"	36,000.00
M&M DOMESTIC HEAT# MUST BE WRITTEN ON THE VISIBLE END OF THE INSIDE WEBB ON ALL PIECES				
Cust PO: 199183-03 MADISON CO.	Contract:		*Sales Order:* 469693	
Heat Numbers: 60129933(2)				
2	16 x 26 HR WF Beam A992		50' 0"	2,600.00
M&M DOMESTIC HEAT# MUST BE WRITTEN ON THE VISIBLE END OF THE INSIDE WEBB ON ALL PIECES				
Cust PO: STOCK-W-312	Contract:		*Sales Order:* 469705	
Heat Numbers: A157637(8)				
8	6 x 25 HR WF Beam (S) A992		50' 0"	10,000.00
M&M DOMESTIC HEAT# MUST BE WRITTEN ON THE VISIBLE END OF THE INSIDE WEBB ON ALL PIECES				

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 339237
BOL No. 349017

Carrier: Material Logistics Management, Inc.

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

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Pittsburgh, PA 15225-1508
Phone: 412-331-7772

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CUSTOMER COPY

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Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Total Weight: 48,600.00

Shipping Instructions:

Receiving Hours: 8:30am-1:30pm M-F

Max Bundle Weight: 10,000

Spacers:

All material must be M&M Domestic
No Dings, Dents, Chain Kinks or damaged material
MUST GET HEAT #'S
Exact pieces must be noted for each heat number. Heat number(s) must be identified on all material by Hand writing, mill sticker or mill stenciling.
Material from "ALL" Gerdau Ameristeel mills - the manifest from Gerdau to Traid must ship w/truck w/matching certs.
Heat numbers must appear on all processed plates parts.
HEAT# and PLATE ID# MUST BE REFERENCED ON ALL PAPERWORK.
Please confirm which way per each order separately, paint stick, galv marker, pin stamp, etc.
Please email copy of the BOL before the load ships and
Email certs at time of shipment to : ejarrell@usbridge.com and mmesarchik@usbridge.com
Trucks are forbidden to be on-site prior to 8:30am
Customer offloads material outside

Driver Signature: _____

Consignee Signature: Melissa Mesarchik 10-1-19

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

CARRIER CUSTOMER	PER	PER DATE

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

Permanent post office address of shipper

Straight Bill of Lading

GERDAU

Shippers No. 1327-0000340141

Shipment Doc. No. 11880232

WARD ROAD MIDLOTHIAN, TX 76065 US

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Bill of Lading.

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CONSIGNED TO	INVOICE TO	SHIP DATE	APPROVAL CODE
TRIAD METALS INTERNATIONAL	TRIAD METALS INTERNATIONAL METAL TR ADERS	16-SEP-19	OPERACAO
3450 GRAND AVE PITTSBURGH, PA, 15225-1508	1 VILLAGE RD HORSHAM, PA, 19044-3800	CUST.ACCOUNT NO 100103608	

CARRIER:	CUSTOMER PICK UP	CAR / VEHICLE INITIALS:	13600/948155
DESTINATION:	SEE CONSIGNED TO	DELIVERY ADDRESS:	SEE CONSIGNED TO
ROUTE:	CUSTOMER PICK UP	DELIVERY CARRIER:	CUSTOMER PICK UP

SPECIAL INSTRUCTIONS : MUST TARP WF BEAMS FROM NOVEMBER 1 - MARCH 31. DO NOT LEAVE THE MILL WITHOUT AN APPT.

DESCRIPTION OF ARTICLES: 3 BUNDLES, IRON OR STEEL RODS OR BARS, DESCRIBED BELOW

Freight Charges are to be PREPAID, unless marked Collect. Check Box if Collect. [ ]

SHAPE AND SIZE / PART #	DRAW #	GRADE / BUNDLE ID	MILL	LENGTH	CUST PO # / HEAT / BATCH	SALES ORDER # / WEIGHT (LB)	ITEM # / WEIGHT (KG)	DELIVERY # / PCS	ITEM #	CUSTOMER MATERIAL NUMBER
Wide Flange Beam 24 X 76# / 610 X 113		A992/A572-50		65'00"	150973	8143061	10	8117825108	10	
		11327250000031254354	1327		59087793/06	4,940 LB	2,241 KG	1		
					59087795/05	9,880 LB	4,481 KG	2		
		11327250000031254363	1327		59087795/05	14,820 LB	6,722 KG	3		
		SUBTOTAL		2 BUNDLES		29,640 LB	13,444 KG	6 PCS		
Wide Flange Beam 14 X 30# / 360 X 44		A992/A572-50		60'00"	151227	8173192	10	8117862527	10	
		11327250000021264004	1327		58039606/02	10,800 LB	4,899 KG	6		

AGENT

DATE

Gerdau Corporation Shipper, per .....

Permanent post office address of shipper WARD ROAD MIDLOTHIAN TX 76065 US

Time of Day 16.09.2019 23:42:58

WARNING: This product can expose you to chemicals, including nickel, which are known to the State of California to cause cancer, and lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Straight Bill of Lading

Shippers No. 1327-0000340141

Shipment Doc. No. 11880232

GERDAU

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CONSIGNED TO	INVOICE TO	SHIP DATE	APPROVAL CODE
TRIAD METALS INTERNATIONAL	TRIAD METALS INTERNATIONAL METAL TRADERS	16-SEP-19	OPERACAO
3450 GRAND AVE PITTSBURGH, PA, 15225-1508	1 VILLAGE RD HORSHAM, PA, 19044-3800	CUST.ACCOUNT NO 100103608	

CARRIER:	CUSTOMER PICK UP	CAR / VEHICLE INITIALS:	13600/948155
DESTINATION:	SEE CONSIGNED TO	DELIVERY ADDRESS:	SEE CONSIGNED TO
ROUTE:	CUSTOMER PICK UP	DELIVERY CARRIER:	CUSTOMER PICK UP

SPECIAL INSTRUCTIONS : MUST TARP WF BEAMS FROM NOVEMBER 1 - MARCH 31. DO NOT LEAVE THE MILL WITHOUT AN APPT.

DESCRIPTION OF ARTICLES: 3 BUNDLES, IRON OR STEEL RODS OR BARS, DESCRIBED BELOW

Freight Charges are to be PREPAID, unless marked Collect. Check Box if Collect. [ ]

SHAPE AND SIZE / PART #	DRAW #	GRADE / BUNDLE ID	MILL	LENGTH	CUST PO # / HEAT / BATCH	SALES ORDER # / WEIGHT (LB)	ITEM # / WEIGHT (KG)	DELIVERY # / PCS	ITEM #	CUSTOMER MATERIAL NUMBER
		SUBTOTAL		1 BUNDLE		10,800 LB	4,899 KG	6 PCS		
		TOTAL		3 BUNDLES		40,440 LB	18,343 KG	12 PCS		

Note -- Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

_____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consigner, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

GERDAU
(SIGNATURE OF CONSIGNOR)

Shippers Total Net Weight (LB)	40,440	AGENT
Shippers Total Net Weight (KG)	18,343	DATE

Gerdau Corporation Shipper, per .....

Permanent post office address of shipper WARD ROAD MIDLOTHIAN TX 76065 US

Time of Day 16.09.2019 23:42:58

WARNING: This product can expose you to chemicals, including nickel, which are known to the State of California to cause cancer, and lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Customer Name U.S. Bridge

Customer PO# 199183-03 MADISON CO.

Shipper No 469693

Heat Number 58039606

CERTIFIED MATERIAL TEST REPORT

GERDAU

US-ML-MIDLOTHIAN
300 WARD ROAD
MIDLOTHIAN, TX 76065
USA

CUSTOMER SHIP TO	CUSTOMER BILL TO
TRIAD METALS INTERNATIONAL 3450 GRAND AVE PITTSBURGH,PA 15225-1508 USA	TRIAD METALS INTERNATIONAL MET 1 VILLAGE RD HORSHAM,PA 19044-3800 USA

GRADE	SHAPE / SIZE	DOCUMENT ID:
A992/A572-50	Wide Flange Beam / 14 X 30# / 360 X 44	0000366520

LENGTH	PCS	WEIGHT	HEAT / BATCH
60'00"	6	10,800 LB	58039606/02

SALES ORDER	CUSTOMER MATERIAL Nº
8173192/000010	

SPECIFICATION / DATE or REVISION
ASTM A6-17
ASTM A709-17
ASTM A992-11 (2015), A572-15
CSA G40.21-13 345WM

CUSTOMER PURCHASE ORDER NUMBER	BILL OF LADING	DATE
151227	1327-0000340141	09/16/2019

CHEMICAL COMPOSITION

C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %	Al %
0.09	0.88	0.019	0.029	0.20	0.26	0.16	0.16	0.035	0.007	0.001	0.016	0.003

CHEMICAL COMPOSITION

CEqvA6 %
0.30

MECHANICAL PROPERTIES

YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T rati %	G/L Inch
57270	75208	395	518	0.760	8.000
56470	73899	389	510	0.760	8.000

MECHANICAL PROPERTIES

G/L mm	Elong. %
200.0	25.10
200.0	25.10

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. Weld repair has not been performed on this material. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

BHASKAR YALAMANCHILI
QUALITY DIRECTOR
Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

WADE LUMPKINS
QUALITY ASSURANCE MGR.
Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

U S Bridge Corporation
PO Box 757
Cambridge OH 43725

Job No.: 1910-11-0801
Date: 10-15-19
Cust. PO#: 101637

Description: 2 samples W14 x 30 Job# 199183
ID: Madison, Co Rehabilitation of Grewell Rd Truss (PID106640)

Material: A572

Temp: Charpy Test Temperature @ +40° F
3/4 Size, Zone 2

Spec: ASTM A673-07(12)

---------- TEST RESULTS ----------

Charpy, ft-lbs

Cust. Req.: Full Size: 15 Min. Avg.,
3/4 Size: 11 Min. Avg.

Item	Heat# 55062888	Heat# 58039606
1	98	110
2	75	84
3	101	45
Avg.	91	80

Test Method: ASTM A370-18, ASTM E23-18, Type A, Striker Radius 8mm

The above **Conforms** to the requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a guarantee or warranty of the condition of the materials tested. The results reported relate only to the items tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury, or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was performed at room temperature. All work was performed in accordance with TTML QA Manual Rev E, dated 01/01/2019.

A2LA ACCREDITED Certificate# 0161.01 & 0161.02

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 339237

Carrier: Material Logistics Management, Inc.

BOL No. 349017

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Neville Island)
3450 Grand Ave.
Pittsburgh, PA 15225-1508
Phone: 412-331-7772

Ship Date: 09/30/2019

CUSTOMER COPY

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Quantity	Description	Width	Length	Weight
Cust PO: 199183-03 MADISON CO.	Contract:		*Sales Order:* 469693	
Heat Numbers: 58039606(2) 55062888(18)				
20	14 x 30 HR WF Beam A992		60' 0"	36,000.00
M&M DOMESTIC HEAT# MUST BE WRITTEN ON THE VISIBLE END OF THE INSIDE WEBB ON ALL PIECES				
Cust PO: 199183-03 MADISON CO.	Contract:		*Sales Order:* 469693	
Heat Numbers: 60129933(2)				
2	16 x 26 HR WF Beam A992		50' 0"	2,600.00
M&M DOMESTIC HEAT# MUST BE WRITTEN ON THE VISIBLE END OF THE INSIDE WEBB ON ALL PIECES				
Cust PO: STOCK-W-312	Contract:		*Sales Order:* 469705	
Heat Numbers: A157637(8)				
8	6 x 25 HR WF Beam (S) A992		50' 0"	10,000.00
M&M DOMESTIC HEAT# MUST BE WRITTEN ON THE VISIBLE END OF THE INSIDE WEBB ON ALL PIECES				

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 339237
BOL No. 349017

Carrier: Material Logistics Management, Inc.

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Triad Metals International (Neville Island)
3450 Grand Ave.
Pittsburgh, PA 15225-1508
Phone: 412-331-7772

Ship Date: 09/30/2019

CUSTOMER COPY

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery to said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth i n (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725-0757

Ship To: U.S. Bridge
201 Wheeling Ave
Cambridge, OH 43725
Phone: 740-432-6334

Total Weight: 48,600.00

Shipping Instructions:

Receiving Hours: 8:30am-1:30pm M-F

Max Bundle Weight: 10,000

Spacers:

All material must be M&M Domestic
No Dings, Dents, Chain Kinks or damaged material
MUST GET HEAT #'S
Exact pieces must be noted for each heat number. Heat number(s) must be identified on all material by Hand writing, mill sticker or mill stenciling.
Material from "ALL" Gerdau Ameristeel mills - the manifest from Gerdau to Traid must ship w/truck w/matching certs.
Heat numbers must appear on all processed plates parts.
HEAT# and PLATE ID# MUST BE REFERENCED ON ALL PAPERWORK.
Please confirm which way per each order separately, paint stick, galv marker, pin stamp, etc.
Please email copy of the BOL before the load ships and
Email certs at time of shipment to : ejarrell@usbridge.com and mmesarchik@usbridge.com
Trucks are forbidden to be on-site prior to 8:30am
Customer offloads material outside

Driver Signature: _____

Consignee Signature: Melissa Mesarchik 10-1-19

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

CARRIER CUSTOMER	PER	PER DATE

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

Permanent post office address of shipper

GERDAU

Straight Bill of Lading

Shippers No. 1323-0000142041

Shipment Doc. No. 11951132

OLD GRASSDALE ROAD NE CARTERSVILLE, GA 30121 US

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Bill of Lading.

The property described below, in apparent good order, except as noted (contents and condition of contents of package unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery as said description, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification, in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNED TO	INVOICE TO	SHIP DATE	APPROVAL CODE
TRIAD METALS INTERNATIONAL	TRIAD METALS INTERNATIONAL METAL TR ADERS	20-SEP-19	THOGAN
3450 GRAND AVE PITTSBURGH, PA, 15225-1508	1 VILLAGE RD HORSHAM, PA, 19044-3800	CUST.ACCOUNT NO 100103608	

CARRIER:	100080897 JORDAN CARRIERS INC	CAR / VEHICLE INITIALS:	1178-6160
DESTINATION:	SEE CONSIGNED TO	DELIVERY ADDRESS:	SEE CONSIGNED TO
ROUTE:	T-1323-PA-PITTSBURGH	DELIVERY CARRIER:	100080897 JORDAN CARRIERS INC

SPECIAL INSTRUCTIONS : Call Dawn Shaw @ 260-244-9510; MUST TARP WF BEAMS FROM NOVEMBER 1 - MARCH 31. DO NOT LEAVE THE MILL WITHOUT AN APPT.

DESCRIPTION OF ARTICLES: 5 BUNDLES, IRON OR STEEL RODS OR BARS, DESCRIBED BELOW

Freight Charges are to be PREPAID, unless marked Collect. Check Box if Collect. [ ]

SHAPE AND SIZE / PART #	DRAW #	GRADE / BUNDLE ID	MILL	LENGTH	CUST PO # / HEAT / BATCH	SALES ORDER # / WEIGHT (LB)	ITEM # / WEIGHT (KG)	DELIVERY # / PCS	ITEM #	CUSTOMER MATERIAL NUMBER
Wide Flange Beam 8 X 18# / 200 X 26.6		A992/A572-50		55'00"	149166	8208782	10	8118055574	10	
		11323250000014467613	1323		55062764/03	9,900 LB	4,491 KG	10		
		SUBTOTAL		1 BUNDLE		9,900 LB	4,491 KG	10 PCS		
Wide Flange Beam 14 X 30# / 360 X 44		A992/A572-50		60'00"	149243	8208240	10	8118071441	10	
		11323250000014471124	1323		55062888/02	9,000 LB	4,082 KG	5		
		11323250000014471125	1323		55062888/02	9,000 LB	4,082 KG	5		
		SUBTOTAL		2 BUNDLES		18,000 LB	8,164 KG	10 PCS		

AGENT

DATE

Gerdau Corporation Shipper, per .....

Permanent post office address of shipper OLD GRASSDALE ROAD NE CARTERSVILLE GA 30121 US

Time of Day 20.09.2019 17:37:11

WARNING: This product can expose you to chemicals, including nickel, which are known to the State of California to cause cancer, and lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Straight Bill of Lading

Shippers No. 1323-0000142041

Shipment Doc. No. 11951132

GERDAU

OLD GRASSDALE ROAD NE CARTERSVILLE, GA 30121 US

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Bill of Lading.

The property described below, in apparent good order, except as noted (contents and condition of contents of package unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery as said description, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification, in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNED TO	INVOICE TO	SHIP DATE	APPROVAL CODE
TRIAD METALS INTERNATIONAL	TRIAD METALS INTERNATIONAL METAL TR ADERS	20-SEP-19	THOGAN
3450 GRAND AVE PITTSBURGH, PA, 15225-1508	1 VILLAGE RD HORSHAM, PA, 19044-3800	CUST.ACCOUNT NO 100103608	

CARRIER:	100080897 JORDAN CARRIERS INC	CAR / VEHICLE INITIALS:	1178-6160
DESTINATION:	SEE CONSIGNED TO	DELIVERY ADDRESS:	SEE CONSIGNED TO
ROUTE:	T-1323-PA-PITTSBURGH	DELIVERY CARRIER:	100080897 JORDAN CARRIERS INC

SPECIAL INSTRUCTIONS : Call Dawn Shaw @ 260-244-9510; MUST TARP WF BEAMS FROM NOVEMBER 1 - MARCH 31. DO NOT LEAVE THE MILL WITHOUT AN APPT.

DESCRIPTION OF ARTICLES: 5 BUNDLES, IRON OR STEEL RODS OR BARS, DESCRIBED BELOW

Freight Charges are to be PREPAID, unless marked Collect. Check Box if Collect. [ ]

SHAPE AND SIZE / PART #	DRAW #	GRADE / BUNDLE ID	MILL	LENGTH	CUST PO # / HEAT / BATCH	SALES ORDER # / WEIGHT (LB)	ITEM # / WEIGHT (KG)	DELIVERY # / PCS	ITEM #	CUSTOMER MATERIAL NUMBER
Wide Flange Beam 14 X 30# / 360 X 44		A992/A572-50		60'00"	149152	8203966	10	8118071525	10	
		11323250000014471122	1323		55062888/02	9,000 LB	4,082 KG	5		
		11323250000014471131	1323		55062888/02	9,000 LB	4,082 KG	5		
		SUBTOTAL		2 BUNDLES		18,000 LB	8,164 KG	10 PCS		
		TOTAL		5 BUNDLES		45,900 LB	20,819 KG	30 PCS		

Note -- Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

_____ per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

GERDAU
(SIGNATURE OF CONSIGNOR)

Shippers Total Net Weight (LB)	45,900	AGENT
Shippers Total Net Weight (KG)	20,819	DATE

Gerdau Corporation Shipper, per .....

Permanent post office address of shipper OLD GRASSDALE ROAD NE CARTERSVILLE GA 30121 US

Time of Day 20.09.2019 17:37:11

WARNING: This product can expose you to chemicals, including nickel, which are known to the State of California to cause cancer, and lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Customer Name U.S. Bridge

Customer PO# 199183-03 MADISON CO.

Shipper No 469693

Heat Number 55062888

GERDAU

US-ML-CARTERSVILLE
384 OLD GRASSDALE ROAD NE
CARTERSVILLE, GA 30121
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO	CUSTOMER BILL TO
TRIAD METALS INTERNATIONAL 3450 GRAND AVE PITTSBURGH,PA 15225-1508 USA	TRIAD METALS INTERNATIONAL MET 1 VILLAGE RD HORSHAM,PA 19044-3800 USA

GRADE	SHAPE / SIZE	DOCUMENT ID:
A992/A572-50	Wide Flange Beam / 14 X 30# / 360 X 44	0000269865

LENGTH	PCS	WEIGHT	HEAT / BATCH
60'00"	10	18,000 LB	55062888/02

SALES ORDER	CUSTOMER MATERIAL Nº
8208240/000010	

SPECIFICATION / DATE or REVISION
ASTM A6-17
ASTM A709-17
ASTM A992-11 (2015), A572-15
CSA G40.21-13 345WM

CUSTOMER PURCHASE ORDER NUMBER	BILL OF LADING	DATE
149243	1323-0000142041	09/20/2019

CHEMICAL COMPOSITION

C %	Mn %	P %	S %	Si %	Cu %	Ni %	Cr %	Mo %	Sn %	V %	Nb %
0.16	0.86	0.021	0.030	0.19	0.31	0.12	0.19	0.030	0.010	0.002	0.017

MECHANICAL PROPERTIES

YS 0.2% PSI	UTS PSI	YS MPa	UTS MPa	Y/T rati %	G/L inch
59300	80600	409	556	0.740	8.000
59400	80900	410	558	0.730	8.000

MECHANICAL PROPERTIES

Elong. %
24.70
24.90

COMMENTS / NOTES

The above figures are certified chemical and physical test records as contained in the permanent records of company. We certify that these data are correct and in compliance with specified requirements. Weld repair has not been performed on this material. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

BHASKAR YALAMANCHILI
QUALITY DIRECTOR
Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

YAN WANG
QUALITY ASSURANCE MGR.
Phone: (770) 387 5718 Email: yan.wang@gerdau.com

TTML TENSILE TESTING
METALLURGICAL LABORATORY

A DIVISION OF J.T. ADAMS CO., INC.
4520 WILLOW PARKWAY
CLEVELAND, OHIO 44125
PHONE (216) 641-3290
FAX (216) 641-1223
www.tensile.com

CERTIFIED TEST REPORT

U S Bridge Corporation
PO Box 757
Cambridge OH 43725

Job No.: 1910-11-0801
Date: 10-15-19
Cust. PO#: 101637

Description: 2 samples W14 x 30 Job# 199183
ID: Madison, Co Rehabilitation of Grewell Rd Truss (PID106640)

Material: A572

Temp: Charpy Test Temperature @ +40° F
3/4 Size, Zone 2

Spec: ASTM A673-07(12)

---------- TEST RESULTS ----------

Charpy, ft-lbs

Cust. Req.: Full Size: 15 Min. Avg.,
3/4 Size: 11 Min. Avg.

Item	Heat# 55062888	Heat# 58039606
1	98	110
2	75	84
3	101	45
Avg.	91	80

Test Method: ASTM A370-18, ASTM E23-18, Type A, Striker Radius 8mm

The above **Conforms** to the requirements listed.

Authorized Agent

This Report May Not Be Reproduced Except In Full Without Written Permission from TTML
This report represents Tensile Testing interpretation of the results obtained from the test and is not to be construed as a guarantee or warranty of the condition of the materials tested. The results reported relate only to the items tested. Tensile Testing shall not be held liable for misinterpretation of conditions, loss, damage, injury, or death arising from or attributable to delay preceding a test or subsequent to performance of a test. Unless otherwise noted, all testing reported herein was performed at room temperature. All work was performed in accordance with TTML QA Manual Rev E, dated 01/01/2019.

A2LA ACCREDITED Certificate# 0161.01 & 0161.02

ZIEGLER BOLT & NUT HOUSE

PACKING LIST

Mailing Address: PO Box 80369, Canton, OH 44708-0369

Page: 1

ISO 9001:2008

Main Warehouse
4848 Corporate St SW
Canton, OH 44706
Phone: (800) 362-0628
Fax: (330) 478-2031

Dover
2120 State Rt 39 NW
Dover, OH 44622
Phone: (330) 343-3376
Fax: (330) 343-3336

Middletown
4401 Lefferson Rd
Middletown, OH 45044
Phone: (513) 727-1963
Fax: (513) 727-4733

Delphos
610 Seventh St E
Delphos, OH
Phone: (419) 695-9005
Fax: (419) 695-2020

Shipment SH-000438950
Shipment Date: 10/2/2019

Bill To:
US BRIDGE
P.O. BOX 757
CAMBRIDGE, OH 43725

Ship To:
US BRIDGE
203 WHEELING AVE.
CAMBRIDGE, OH 43725
USA

740-432-6334

Our Order No.	1428260	Customer ID	13100
Ship Agent	Ziegler Delivery	P.O. Number	199183-05
Shipment Method	Prepaid	P.O. Date	9/27/2019
Shipper ID		SalesPerson	Construction
Shipping Service	Service Rep	Payment Method	Check
Tracking No.			

Item No.	Description	Unit	Lot No.	Country of Origin	Ordered	Shipped	Back Ordered
	DOMESTIC CERTS W/ROCAPS .Madison Co. job # 199183						
75C1600RFT0H/449	3/4-10 X 16 "A449 FULL THRD STUDS A153 HDG	Each	100894003 X	US	32	32	
75CNHHGH/DOM	3/4-10 HEAVY HEX NUT DOMESTIC A563 DH GALVANIZED	Each	417375A X	US	64	64	
100C2400RFT0H/449	1-8 X 24 FULL THREAD STUD A449 H.D. GALVANIZED	Each	A186938 X	US	16	16	
100CNHHGH/DOM	1-8 HEAVY HEX NUT DOMESTIC A563 DH HD GALV	Each	407358E X	US	32	32	
	DOMESTIC CERTS REQUIRED WITH ROCAPS						

1 wire bound

Kegs	Boxes	Pallets	Weight
	1		

Mike Mercadel
Received By

10-03-19
Date

Pick Instruction
Ziegler Bolt & Parts Co.
ZIEGLER BOLT - CANTON

Order No. **1428260**
Pick Location **1**

Date Generated: **9/27/2019 8:17 AM**
Page: **1 of 1**
Generated By: **ZIEGLERBOLT\CPURSES**

Sold To: 13100
US BRIDGE
P.O. BOX 757

CAMBRIDGE OH 43725

Ship To: US BRIDGE
203 WHEELING AVE.

CAMBRIDGE OH 43725

Outside Salesperson	Inside Salesperson	Shipping Agent	Shipping Service	Shipment Date	Shipment Method	Payment Method	Customer PO
Construction	Chris Purses	Ziegler Delivery	Service Rep	10/3/2019	PPD	Check	199183-05

Item No.	Description	P	B	O	Qty to Pick		Qty Picked	Qty B/O	Pkgs	Box Qty	Qty on Hand
	DOMESTIC CERTS REQUIRED WITH ROCAPS										
1	DOMESTIC CERTS W/ROCAPS										
2	.Madison Co. job # 199183										
3 75C1600RFT0H/449	3/4-10 X 16 "A449 FULL THRD STUDS A153 HDG Lot # 1008940003 Country US	5M			**32**	EA	32				44
4 75CNHHGH/DOM "N"	3/4-10 HEAVY HEX NUT DOMESTIC A563 DH GALVANIZED Lot # 4173754 Country US	4E		5H	**64**	EA	64				24,466
5 100C2400RFT0H/449	1-8 X 24 FULL THREAD STUD A449 H.D. GALVANIZED Lot # A1860938 Country US	5M			**16**	EA	16				Short
6 100CNHHGH/DOM "N"	1-8 HEAVY HEX NUT DOMESTIC A563 DH HD GALV Lot # 4073586 Country US	4E		5H	**32**	EA	32				6,323

Picked By ASL Date 10-1 Q.C. ASL

Boxes 1 Tubes _____ Weight _____

1 wire

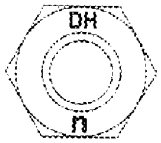
NUCOR
FASTENER DIVISION

Post Office Box 6100
Saint Joe, Indiana 46785
Telephone 260/337-1600

LOT NO.
407358E

CUSTOMER NO/NAME
322 ZIEGLER BOLT & NUT

NUCOR ORDER # 108765
TEST REPORT SERIAL# FB572049
CUST PART #
TEST REPORT ISSUE DATE 7/18/18
DATE SHIPPED 11/30/18
CUSTOMER P.O. # 16175268
NAME OF LAB SAMPLER: CARRIE MASON, LAB TECHNICIAN



**********CERTIFIED MATERIAL TEST REPORT**********

NUCOR PART NO	QUANTITY	LOT NO.	DESCRIPTION
175647	45200	407358E	1-8 GR DH HV H.D.G.
MANUFACTURE DATE 4/27/18			HEX NUT H.D.G./GREEN LUBE

--CHEMISTRY MATERIAL GRADE -1045L

MATERIAL NUMBER	HEAT NUMBER	**CHEMISTRY COMPOSITION (WT% HEAT ANALYSIS) BY MATERIAL SUPPLIER C	MN	P	S	SI	
RM032252	DL18101160	.44	.65	.004	.016	.23	NUCOR STEEL - SOUTH CAROL

--MECHANICAL PROPERTIES IN ACCORDANCE WITH ASTM A563-15

SURFACE HARDNESS (R30N)	CORE HARDNESS (RC)	PROOF LOAD 90900 LBS	TENSILE STRENGTH (LBS)	DEG-WEDGE STRESS (PSI)
N/A	29.3	PASS	N/A	N/A
N/A	26.6	PASS	N/A	N/A
N/A	28.3	PASS	N/A	N/A
N/A	28.4	PASS	N/A	N/A
N/A	26.1	PASS	N/A	N/A
AVERAGE VALUES FROM TESTS				
	27.7			

PRODUCTION LOT SIZE 90000 PCS

--VISUAL INSPECTION IN ACCORDANCE WITH ASTM A563-15 80 PCS. SAMPLED LOT PASSED

--COATING - HOT DIP GALVANIZED TO ASTM F2329-13 - GALVANIZING PERFORMED IN THE U.S.A.

1.	0.00675	2.	0.00336	3.	0.00530	4.	0.00483	5.	0.00544	6.	0.00322	7.	0.00378
8.	0.00366	9.	0.00294	10.	0.00314	11.	0.00504	12.	0.00512	13.	0.00399	14.	0.00400
15.	0.00386												

AVERAGE THICKNESS FROM 15 TESTS .00430

--HEAT TREATMENT - AUSTENITIZED, OIL QUENCHED & TEMPERED (MIN 800 DEG F)

--DIMENSIONS PER ASME B18.2.6-2010

CHARACTERISTIC	#SAMPLES TESTED	MINIMUM	MAXIMUM
Width Across Corners	8	1.833	1.846
Thickness	32	0.971	0.997

ALL TESTS ARE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE METHODS PRESCRIBED IN THE APPLICABLE SAE AND ASTM SPECIFICATIONS. THE SAMPLES TESTED CONFORM TO THE SPECIFICATIONS AS DESCRIBED/LISTED ABOVE AND WERE MANUFACTURED FREE OF MERCURY CONTAMINATION. NO INTENTIONAL ADDITIONS OF BISMUTH, SELENIUM, TELLURIUM, OR LEAD WERE USED IN THE STEEL USED TO PRODUCE THIS PRODUCT.
THE STEEL WAS MELTED AND MANUFACTURED IN THE U.S.A. AND THE PRODUCT WAS MANUFACTURED AND TESTED IN THE U.S.A.
PRODUCT COMPLIES WITH DFARS 252.225-7014. WE CERTIFY THAT THIS DATA IS A TRUE REPRESENTATION OF INFORMATION PROVIDED BY THE MATERIAL SUPPLIER AND OUR TESTING LABORATORY. THIS CERTIFIED MATERIAL TEST REPORT RELATES ONLY TO THE ITEMS LISTED ON THIS DOCUMENT AND MAY NOT BE REPRODUCED EXCEPT IN FULL.

A2LA ACCREDITED

MECHANICAL FASTENER
CERTIFICATE NO. A2LA 0139.01
EXPIRATION DATE 12/31/19

NUCOR FASTENER
A DIVISION OF NUCOR CORPORATION

BOB HAYWOOD
QUALITY ASSURANCE SUPERVISOR

32252

NUCOR
NUCOR CORPORATION
NUCOR STEEL SOUTH CAROLINA

Mill Certification
2/24/2018

MTR #: C1-425647
300 Steel Mill Road
DARLINGTON, SC 29540
(843) 393-5841
Fax: (843) 395-8701

Sold To: NUCOR FASTENER INDIANA
PO BOX 6100
SAINT JOE, IN 46785
(800) 955-6826
Fax: (219) 337-1726

Ship To: NUCOR FASTENER
6730 CR 60
SAINT JOE, IN 46785
(800) 955-6826
Fax: (219) 337-1722

Customer P.O.	191361	Sales Order	283903.3
Product Group	Special Bar Quality	Part Number	30001281480V780
Grade	1045L	Lot #	DL1810116001
Size	1-9/32" (1.2813) Round	Heat #	DL18101160
Product	1-9/32" (1.2813) Round 40' 1045L	B.L. Number	C1-745491
Description	1045L	Load Number	C1-425647
Customer Spec		Customer Part #	025016

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Roll Date: 2/21/2018 **Melt Date: 2/18/2018** **Qty Shipped LBS: 179,202** **Qty Shipped Pcs: 1,021**

Melt Date: 2/18/2018

C	Mn	V	Si	S	P	Cu	Cr	Ni	Mo	Al	Cb
0.44%	0.65%	0.005%	0.23%	0.016%	0.004%	0.14%	0.08%	0.06%	0.01%	0.003%	0.003%

Pb	Sn	Ca	B	Ti	NICUMO
0.004%	0.007%	0.0016%	0.0003%	0.001%	0.21

NICUMO: Cu+Ni+Mo

Roll Date: 2/21/2018

Yield 1: 55,000psi Tensile 1: 96,000psi Elongation 17% in 8"(% in 203.3mm)

Reduction Ratio 38 :1

ASTM E381
Surface: 2 Mid Radius: 2 Center: 2

Specification Comments:

1. WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
2. MELTED AND MANUFACTURED IN THE USA
3. MERCURY, RADIUM, OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

Chemistry Verification Checks

Part# 25016 FM# 32252

	Checked By	Date
Receiving OK:	JH	3-5-18
Certifications OK:	JS	3-7-18

James H. Blew
Division Metallurgist

NBMG-10 October 1, 2017

INDIANA GALVANIZING, LLC Hot-Dip Galvanizing 51702 Lovejoy Dr. Middlebury IN, 46540 Phone: 574-822-9102 Fax: 574-822-9406

Customer
NUCOR FASTENER
6730 CR 60
Saint Joe, IN 46785

PO: 193630
DATE: 5/22/2018

Hot-Dip Galvanizing Certification

Indiana Galvanizing certifies that samples representing listed lot(s) have been tested and inspected as required by applicable specifications. The results of this inspection and testing demonstrates that the requirements for ASTM F2329, including the requirements ASTM A153, Class C that are referenced within the specification, have been met and have been galvanized in Middlebury, Indiana of the United States of America. Indiana Galvanizing is RoHS Compliant.

Kettle Temperature (Must be between 815 and 850 Degrees Fahrenheit) 840

Mil Readings

Nucor Lot Number	High	Low	Average	Number Pcs	Bin Tag Verification
407358E	3.40	2.80	3.10	85720	X
406676C	2.60	2.80	2.70	13430	X

Taryn Babick

Quality Manager or Assignee

Revised 3/1/2018

ZIEGLER BOLT AND NUT HOUSE

MAILING ADDRESS:	MAIN WAREHOUSE:	MIDDLETOWN:	DOVER:	DELPHOS:
PO BOX 80369 STA., C	4848 CORPORATE ST SW	4401 LEFFERSON RD	2120 ST RTE 39 NW	610 SEVENTH ST E
CANTON OH 44708	CANTON OH 44706	MIDDLETOWN OH 45044	DOVER OH 44622	DELPHOS OH 45833
FED. ID. 34-0968850	PH: 800-362-0628	PH: 513-727-1963	PH: 330-343-3376	PH: 419-695-9005
	FAX: 330-478-2031	FAX: 513-727-4733	FAX:330-343-3336	FAX: 419-695-2020

WWW.ZIEGLERBOLT.COM

ISO 9002:2008
CERTIFICATION #00.129.2
CERTIFICATE OF COMPLIANCE
ZBN SHOP

To: U.S. BRIDGE
P.O. BOX 757
CAMBRIDGE, OH 43725

We certify that our system and procedures for the control of quality assures that all items furnished on the order will meet applicable tests, process requirements and inspection requirements as required by the purchase order and applicable specification and drawings.

P.O. # 199183-05
Job #
Date Shipped: 10/3/2019
Shipped Via: ZIEGLER DELIVERY
Internal Order # 1428260

1-8 x 12 FT ALL THREAD RODA A449 H.D.G. LOT3 A186938
MADE BY: VULCAN THREADED PRODUCT PELHAM, AL USA

ZIEGLER BOLT & NUT MACHINE SHOP CUT TO MAKE:
16 PCS. 1-8 x 24 FULL THREAD STUD A449 H.D.GALVANIZED

WARNING - Per 101-592 alteration subsequent to manufacture may affect the dimensional or physical characteristics of the original fastener.

NOTARIAL SEAL STATE OF OHIO

LISA F. GOODING
Notary Public, State of Ohio
My Commission Expires 03-31-2023

Signature:

Title: SALES

Date: OCT. 2, 2019

Vulcan Threaded Products
10 Cross Creek Trail
Pelham, AL 35124
Tel (205) 620-5100
Fax (205) 620-5150

JOB MATERIAL CERTIFICATION

Job No: 620049 **Job Information** **Certified Date:** 4/10/19

Containers: S15437320 S15437321 S15437322 S15437323 S15437324 S15437325 S15437326 S15437327 S15437328 S15437329 S15437330 S15437331 S15437332 S15437333 S15437334 S15437335 S15437336 S15437337 S15437338 S15437339 S15437340 S15437341 S15437342 S15437343 S15437344

Customer: Ziegler Bolt & Nut House

Ship To: 4848 Corporate St SW
Canton, OH 44706-1974

Vulcan Part No: ATR A449 1x12 HDG

Customer Part No: ATR A449 1x12 HDG

Customer PO No: 16181004

Shipped Qty: 50 pcs

Order No: 374721

Line No: 3

Note:

Applicable Specifications

Type	Specification	Rev	Amend	Option
-	ASTM A449 Type 1	2014		

Test Results

See following pages for tests

Certified Chemical Analysis

Heat No: A186938 Lot .9688 **Origin:** USA

C	Mn	P	S	Si	Cu	Ni	Cr
0.44	0.67	0.012	0.020	0.26	0.27	0.10	0.12
Mo	**V**	**Sn**	**Al**	**Ti**	**N**	**B**	**RR**
0.03	0.001	0.011	0.028	0.001	0.0096	0.0002	196.9:1

Notes

Material was manufactured, tested and inspected as required by the product standard and in accordance with Vulcan's ISO 9001:2015 Quality Management System registered June 30th, 2017. Processed material is Tempered - Stress Free. No weld repair performed on the material. No Mercury used in the production of this material. Melted and Manufactured in the USA.
Document is in accordance with EN 10204 - 3.1B of 2004 (3.1).

Vulcan
THREADED PRODUCTS, INC.

Vulcan Threaded Products
10 Cross Creek Trail
Pelham, AL 35124
Tel (205) 620-5100
Fax (205) 620-5150

JOB MATERIAL CERTIFICATION

Job No: 620049 **Job Information** **Certified Date:** 4/10/19

Containers: S15437320 S15437321 S15437322 S15437323 S15437324 S15437325 S15437326 S15437327 S15437328 S15437329 S15437330 S15437331 S15437332 S15437333 S15437334 S15437335 S15437336 S15437337 S15437338 S15437339 S15437340 S15437341 S15437342 S15437343 S15437344

Test Results

Part No: BAR A449 .913x288

Test No: 53992 **Test:** Quench & Temper Information (Lbs)

Description	Austenitizing Temp (F)	Tempering Temp (F)	Run Speed (Ft/min)	Quench Water Temp (F)	Note
Quench & Temper Information Results	1,620	1,238	40	91	

Test No: 53993 **Test:** A449 Requirements

Description	Tensile (ksi)	Yield 0.2% (ksi)	Elongation (%)	Elongation Gage Length (4D)	ROA (%)	Midradius Hardness	Surface Hardness	Center Hardness	Hardness Test Type	Note
	128	104	22	4D	59	28	31	23	HRC	
	128	105	22	4D	58	25	30	25	HRC	
	128	104	22	4D	59	26	30	25	HRC	
	129	105	20	4D	57	26	29	25	HRC	
	128	104	20	4D	59	26	29	26	HRC	

Sallie Norwood 4/10/19

Norwood, Sallie - Certification Engineer Date

TENNESSEE GALVANIZING®

February 23, 2017

GALVANIZING CERTIFICATION:

WE HEREBY CERTIFY THAT THE MATERIAL GALVANIZED AT TENNESSEE GALVANIZING IS GALVANIZED IN ACCORDANCE WITH THE SPECIFICATIONS AS SET FORTH BY ASTM 123/A 123M-15 AND OR ASTM-A-153/A 153M-15. FINAL INSPECTION HAS BEEN MADE AND MATERIALS MEET ALL REQUIREMENTS. WE FURTHER CERTIFY THAT THE FASTENERS WE GALVANIZE COMPLY WITH THE COATING, WORKMANSHIP, FINISH AND APPEARANCE REQUIREMENTS OF ASTM F2329-11. ALL MATERIALS WERE GALVANIZED DOMESTICALLY IN THE UNITED STATES AT OUR FACILITY LOCATED AT 1535 INDUSTRIAL BLVD. JASPER, TN. 37347

CUSTOMER NAME: VULCAN THREADED PRODUCTS
P.O. BOX 509
PELHAM, AL. 35124

David S. Ware

DAVID S. WARE, PRESIDENT/CEO

Tina Marie Sutherland

TINA MARIE SUTHERLAND, TENNESSEE NOTARY PUBLIC
MY COMMISSION EXPIRES: 08/09/2020

TINA MARIE SUTHERLAND ★ STATE OF TENNESSEE NOTARY PUBLIC ★ SEQUATCHIE COUNTY

P.O. BOX 609 1535 INDUSTRIAL BLVD. JASPER, TN 37347 [423] 942-1020 / FAX [423] 942-1040

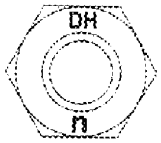
NUCOR
FASTENER DIVISION

Post Office Box 6100
Saint Joe, Indiana 46785
Telephone 260/337-1600

LOT NO.
417375A

CUSTOMER NO/NAME
322 ZIEGLER BOLT & NUT

NUCOR ORDER # 139709
TEST REPORT SERIAL# FB593315
CUST PART #
TEST REPORT ISSUE DATE 2/22/19
DATE SHIPPED 5/13/19
CUSTOMER P.O. # 16180747
NAME OF LAB SAMPLER: RYAN UNGER, LAB TECHNICIAN



**********CERTIFIED MATERIAL TEST REPORT**********

NUCOR PART NO	QUANTITY	LOT NO.	DESCRIPTION
175657	24300	417375A	3/4-10 GR DH HV H.D.G.
MANUFACTURE DATE 11/27/18			HEX NUT HDG/GREEN LUBE

--CHEMISTRY MATERIAL GRADE -1045L

MATERIAL NUMBER	HEAT NUMBER	**CHEMISTRY COMPOSITION (WT% HEAT ANALYSIS) BY MATERIAL SUPPLIER C	MN	P	S	SI	
RM032900	100796097	.44	.69	.007	.022	.18	NUCOR STEEL - NEBRASKA

--MECHANICAL PROPERTIES IN ACCORDANCE WITH ASTM A563-15

SURFACE HARDNESS (R30N)	CORE HARDNESS (RC)	PROOF LOAD 50100 LBS	TENSILE STRENGTH (LBS)	DEG-WEDGE STRESS (PSI)
N/A	29.4	PASS	N/A	N/A
N/A	30.3	PASS	N/A	N/A
N/A	30.5	PASS	N/A	N/A
N/A	29.6	PASS	N/A	N/A
N/A	28.3	PASS	N/A	N/A

AVERAGE VALUES FROM TESTS
29.6
PRODUCTION LOT SIZE 200000 PCS

--VISUAL INSPECTION IN ACCORDANCE WITH ASTM A563-15 160 PCS. SAMPLED LOT PASSED

--COATING - HOT DIP GALVANIZED TO ASTM F2329-15 - GALVANIZING PERFORMED IN THE U.S.A.

1.	0.00256	2.	0.00247	3.	0.00228	4.	0.00356	5.	0.00243	6.	0.00264	7.	0.00342
8.	0.00243	9.	0.00302	10.	0.00360	11.	0.00356	12.	0.00306	13.	0.00376	14.	0.00227
15.	0.00241												

AVERAGE THICKNESS FROM 15 TESTS .00290

--HEAT TREATMENT - AUSTENITIZED, OIL QUENCHED & TEMPERED (MIN 800 DEG F)

--DIMENSIONS PER ASME B18.2.6-2010

CHARACTERISTIC	#SAMPLES TESTED	MINIMUM	MAXIMUM
Width Across Corners	8	1.399	1.405
Thickness	32	0.724	0.738

ALL TESTS ARE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE METHODS PRESCRIBED IN THE APPLICABLE SAE AND ASTM SPECIFICATIONS. THE SAMPLES TESTED CONFORM TO THE SPECIFICATIONS AS DESCRIBED/LISTED ABOVE AND WERE MANUFACTURED FREE OF MERCURY CONTAMINATION. NO INTENTIONAL ADDITIONS OF BISMUTH, SELENIUM, TELLURIUM, OR LEAD WERE USED IN THE STEEL USED TO PRODUCE THIS PRODUCT.
THE STEEL WAS MELTED AND MANUFACTURED IN THE U.S.A. AND THE PRODUCT WAS MANUFACTURED AND TESTED IN THE U.S.A.
PRODUCT COMPLIES WITH DFARS 252.225-7014. WE CERTIFY THAT THIS DATA IS A TRUE REPRESENTATION OF INFORMATION PROVIDED BY THE MATERIAL SUPPLIER AND OUR TESTING LABORATORY. THIS CERTIFIED MATERIAL TEST REPORT RELATES ONLY TO THE ITEMS LISTED ON THIS DOCUMENT AND MAY NOT BE REPRODUCED EXCEPT IN FULL. CERTIFICATION FORMAT MEETS EN10204 3.1

A2LA ACCREDITED

MECHANICAL FASTENER
CERTIFICATE NO. A2LA 0139.01
EXPIRATION DATE 12/31/19

NUCOR FASTENER
A DIVISION OF NUCOR CORPORATION

BOB HAYWOOD
QUALITY ASSURANCE SUPERVISOR

32900

NUCOR
Nucor Steel Nebraska

Mill Certification

11/09/2018

MTR#:107751-
Lot #:10079609720
2911 E NUCOR ROAD
PO BOX 309
NORFOLK, NE 68701 US
402-644-0200
Fax: 402-644-0329

Sold To: FASTENER IN
PO BOX 6100
SAINT JOE, IN 46785 US

Ship To: FASTENER IN2
6730 CR 60
SAINT JOE, IN 46785 US

Customer PO	196188	Sales Order #	10014295 - 3.38
Product Group	Hot Roll - Engineered Bar	Product #	3009313
Grade	1045L	Lot #	10079609720
Size	1"	Heat #	100796097
BOL #	BOL-200969	Load #	107751
Description	Hot Roll - Engineered Bar Round 1" 1045L 33' 0" [396"] 10001-15000 lbs	Customer Part #	025012
Production Date	11/01/2018	Qty Shipped LBS	42332
Product Country Of Origin	United States	Qty Shipped EA	480
Original Item Description		Original Item Number	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Melt Country of Origin : United States — Melting Date: 10/27/2018

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	B (%)
0.44	0.69	0.007	0.022	0.18	0.06	0.06	0.02	0.17	0.001	0.003	0.000
Nb (%)	Sn (%)	Al (%)	Pb (%)	Ca (%)							
0.002	0.015	0.00	0.000	0.000							

Cu + Ni + Mo (%) : 0.24

Reduction Ratio 55.88 : 1

Other Test Results

Yield (PSI) : 62400 — Tensile (PSI) : 98600 — Elongation in 8" (%) : 20.0

Macroetch E381 Surface : 1 — Macroetch E381 Mid Radius : 1 — Macroetch E381 Center : 2

Comments:

Coarse Grain Practice
ASTM A576-90B
Sellenium,Tellurium,Lead,Bismuth or Boron were not intentionally added to this heat.
All manufacturing processes of the steel materials in this product, including melting, have been performed in the United States.
All products produced are weld free.
Mercury, in any form, has not been used in the production or testing of this material.
Test conform to ASTM A29-15, ASTM E415 and ASTM E1019-resulphurized grades or applicable customer requirements.
All material melted at Nucor Steel Nebraska is produced in an Electric Arc Furnace.
Strand Cast
Tests included in ISO 17025 scope: Chemistry, Tensile, Brinell Hardness, Rockwell Hardness, Inclusion, and Grain Size.
Exporting Country-USA
Sales@nucorne.com

Jim Hill

NBMG-10 January 1, 2012

Jim Hill, Division Metallurgist

INDIANA GALVANIZING, LLC

Hot-Dip Galvanizing
51702 Lovejoy Dr.
Middlebury IN, 46540
Phone: 574-822-9102 Fax: 574-822-9106

Customer
NUCOR FASTENER
6730 CR 60
Saint Joe, IN 46785

PO: 198295
DATE: 12/20/2018

Hot-Dip Galvanizing Certification

Indiana Galvanizing certifies that samples representing listed lot(s) have been tested and inspected as required by applicable specifications. The results of this inspection and testing demonstrates that the requirements for ASTM F2329, including the requirements ASTM A153, Class C that are referenced within the specification, have been met and have been galvanized in Middlebury, Indiana of the United States of America. Indiana Galvanizing is RoHS Compliant.

Kettle Temperature (Must be between 815 and 850 Degrees Fahrenheit) 840

Mil Readings

Nucor Lot Number	High	Low	Average	Number Pcs	Bin Tag Verification
417375A	3.76	1.99	3.05	187,839	X
416727A	3.83	2.05	3.15	1,343	X

Amy Jarzynski
Quality Manager or Assignee

ASPM
American Specialty Products and Machine Inc.
American Made Special Products Just-In-Time
24/7 Phone: 205.690.7333 Mobile: 205.767.7665

Friday, January 18, 2019

Certificate of Compliance

MTR's Attached

ASP Invoice number: 530
Customer Po number: ZIEGLER BOLT PO# 16176541

Items being supplied below:

ITEM DESCRIPTION	QTY SHIPPED	HT#	COATING
1 ½-6 X 24 A449 FTS	16	DL17106423	HDG
¾-10 X 16 A449 FTS	554	100894003	HDG

American Specialty Products hereby certifies that the material furnished in the reference to the above purchase order number will meet or exceed the above assigned specifications. The manufacturing processes for the reference items were melted and manufactured in the United States of America.

Vulcan Threaded Products
10 Cross Creek Trail
Pelham, AL 35124
Tel (205) 620-5100
Fax (205) 620-5150

JOB MATERIAL CERTIFICATION

Job No: 597756 **Job Information** **Certified Date:** 11/15/18

Containers: S14777098

Customer: American Specialty Products and Machine Inc.

Ship To: 11937 Hwy 25
Calera, AL 35040

Vulcan Part No: ATR A449 3/4x12

Customer Part No: ATR A449 3/4x12

Customer PO No: 442

Shipped Qty: 204 pcs

Order No: 360967

Line No: 1

Note:

Applicable Specifications

Type	Specification	Rev	Amend	Option
-	ASTM A449 Type 1	2014		

Test Results

Part No: BAR A449 .679x288

Test No: 51824 **Test:** Quench & Temper Information (Lbs)

Description	Austenitizing Temp (F)	Tempering Temp (F)	Run Speed (Ft/min)	Quench Water Temp (F)	Note
Quench & Temper Information Results	1,702	1,263	44	92	

Test No: 51825 **Test:** A449 Requirements

Description	Tensile (ksi)	Yield 0.2% (ksi)	Elongation (%)	Elongation Gage Length (4D)	ROA (%)	Midradius Hardness	Surface Hardness	Center Hardness	Hardness Test Type	Note
	137	121	17	4D	51	30	29	27	HRC	
	134	119	20	4D	55	30	28	28	HRC	

Certified Chemical Analysis

Heat No: 100894003 Lot: 3/4 **Origin:** USA

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Sn	Cb	Al	N	RR
0.49	0.84	0.012	0.022	0.24	0.11	0.04	0.10	0.02	0.004	0.005	0.002	0.020	0.0071	99.34:1

Notes

Material was manufactured, tested and inspected as required by the product standard and in accordance with Vulcan□s ISO 9001:2015 Quality Management System registered June 30th, 2017. Processed material is Tempered - Stress Free. No weld repair performed on the material. No Mercury used in the production of this material. Melted and Manufactured in the USA.
Document is in accordance with EN 10204 - 3.1B of 2004 (3.1).

11/15/18

Gutman, Mike - Material Testing and Tech. Support Manager Date

NUCOR
Nucor Steel Nebraska

Mill Certification

10/31/2018

MTR#:102159-
Lot #:10089400320
2911 E NUCOR ROAD
PO BOX 309
NORFOLK, NE 68701 US
402-644-0200
Fax: 402-644-0329

Sold To: VULCAN THREADED PRODUCTS
BLDG 10
10 CROSSCREEK TRL
PELHAM, AL 35124 US

Ship To: VULCAN THREADED PRODUCTS
BLDG 10
10 CROSSCREEK TRL
PELHAM, AL 35124 US

Customer PO	P265035	Sales Order #	10014401 - 1.1
Product Group	Hot Roll - Engineered Bar	Product #	1057568
Grade	1045CA	Lot #	10089400320
Size	0.75"	Heat #	100894003
BOL #	BOL-197472	Load #	102159
Description	Hot Roll - Engineered Bar Round 3/4" 1045CA COIL 5200 lbs	Customer Part #	RMC 1045 3/4
Production Date	10/20/2018	Qty Shipped LBS	21395
Product Country Of Origin	United States	Qty Shipped EA	4
Original Item Description		Original Item Number	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Melt Country of Origin : United States — Melting Date: 09/15/2018

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)	Zr (%)
0.49	0.84	0.012	0.022	0.24	0.04	0.10	0.02	0.11	0.004	0.002	0.000
N (PPM)	Sn (%)	Al (%)	Pb (%)	Ca (%)	As (%)	B (%)					
71	0.005	0.02	0.000	0.001	0.003	0.000					

Ni + Cr + Mo (%) : 0.15

Austenitic fine grain by chemical analysis per the latest revision of ASTM A29
Reduction Ratio 99.34 : 1

ASTM E45 Method A (Average)
Sulfides:T: 1.3 H: 0.5 Alumina : T: 0.8 H: 0.2 Silicates T: 0.2 H: 0.0 Globular T: 1.4 H: 0.5

ASTM E45 Method A (Worst)
Sulfides:T: 1.5 H: 1.0 Alumina : T: 1.0 H: 0.5 Silicates T: 0.5 H: 0.0 Globular T: 1.5 H: 0.5

Other Test Results
Macroetch E381 Surface : 1 Macroetch E381 Mid Radius : 1 Macroetch E381 Center : 2
DI Calculated (IN) : 1.40

Comments:
CAT 1E0361
JDM AO QL-2
ASTM A576-90B
SAE 403
All manufacturing processes of the steel materials in this product, including melting, have been performed in the United States.
All products produced are weld free.
Mercury, in any form, has not been used in the production or testing of this material.
Test conform to ASTM A29-15, ASTM E415 and ASTM E1019-resulphurized grades or applicable customer requirements.
All material melted at Nucor Steel Nebraska is produced in an Electric Arc Furnace.
Strand Cast
Tests included in ISO 17025 scope: Chemistry, Tensile, Brinell Hardness, Rockwell Hardness, Inclusion, and Grain Size.
Exporting Country-USA
Sales@nucorne.com

Jim Hill, Division Metallurgist

NUCOR
Nucor Steel Nebraska

Mill Certification

10/31/2018

MTR#:102159-
Lot #:10089400320
2911 E NUCOR ROAD
PO BOX 309
NORFOLK, NE 68701 US
402-644-0200
Fax: 402-644-0329

Jim Hill

Jim Hill, Division Metallurgist

TENNESSEE GALVANIZING®

January 17, 2019

GALVANIZING CERTIFICATION:

THE FOLLOWING MATERIALS HAVE BEEN GALVANIZED IN ACCORDANCE WITH THE SPECIFICATIONS AS SET FORTH BY ASTM-A-153A 153M-16. FINAL INSPECTION HAS BEEN MADE AND MATERIALS MEET ALL REQUIREMENTS.
WE FURTHER CERTIFY THAT THE FASTENERS WE GALVANIZE COMPLY WITH THE COATING, WORKMANSHIP, FINISH AND APPEARANCE REQUIREMENTS OF ASTM F2329-11. THIS MATERIAL WAS GALVANIZED IN THE U.S.A.

CUSTOMER NAME: ASPM, INC.

CUSTOMERS PURCHASE ORDER: OUR
JOB NUMBER: 70569

MATERIAL GALVANIZED:

16 PCS 1 1/2-6 X 24 A449 FTS HT#DL17106423
554 PCS 3/4-10 X 16 A449 FTS HT#100894003

David S. Ware

DAVID S. WARE, PRESIDENT/CEO

TINA M. SUTHERLAND
STATE OF TENNESSEE NOTARY PUBLIC
COUNTY OF SEQUATCHIE

TI M. SUTHER AND, TENNESSEE NOTARY PUBLIC
MY COMMISSION EXPIRES: 08/09/2020

P.O. BOX 609 1535 INDUSTRIAL BLVD. JASPER, TN 37347 (423) 942-1020 / FAX (423) 942-1040

VIRTUAL WAREHOUSE (TE-24)

Ohio Department Of Transportation

SHIPMENT DETAILS

Notice of Shipment of Materials
Plant Sampled and Tested or Certified By Plant

TE-24 Number: 29901723S7
TE-24 Date: 8/30/2019 3:02 PM

Producer/Supplier: SPRING CREEK CORP (0981-01)
Destination: OTHER - CREWELL

SAMPLE	MATERIAL CODE	UM	QTY	PRPSL ITEM #	MFG CTL	ITEM	COMMENTS	APP/ REJ	INITIALS
TE24CERT0065088201	63260G GALV REINF/GRADE 60	LB	420		CERTIFID		Abutment		

VIRTUAL WAREHOUSE (TE-24)

Ohio Department Of Transportation

SHIPMENT DETAILS

Notice of Shipment of Materials

Plant Sampled and Tested or Certified By Plant

TE-24 Number: 299017299

TE-24 Date: 8/22/2019 10:26 AM

Producer / Supplier: SPRING CREEK CORP (09811-01)

Destination: OTHER - GREWELL

SAMPLE	MATERIAL CODE	UM	QTY	PRPSL ITEM #	MFG CTL	ITEM	COMMENTS	APP/ REJ	INITIALS
TE24CERT0065088201	63260G GALV REINF/GRADE 60	LB	920		CERTIFID		Abutment		

ZIEGLER BOLT & NUT HOUSE

Mailing Address: PO Box 80369, Canton, OH 44708-0369

ISO 9001:2008

Main Warehouse
4848 Corporate St SW
Canton, OH 44706
Phone: (800) 362-0628
Fax: (330) 478-2031

Dover
2120 State Rt 39 NW
Dover, OH 44622
Phone: (330) 343-3376
Fax: (330) 343-3336

Middletown
4401 Lefferson Rd
Middletown, OH 45044
Phone: (513) 727-1963
Fax: (513) 727-4733

Delphos
610 Seventh St E
Delphos, OH
Phone: (419) 695-9005
Fax: (419) 695-2020

PACKING LIST

Page: 1

Shipment SH-000438188
Shipment Date: 9/30/2019

Bill
To: US BRIDGE
P.O. BOX 757
CAMBRIDGE, OH 43725

Ship
To: US BRIDGE
203 WHEELING AVE.
CAMBRIDGE, OH 43725
USA

740-432-6334

Our Order No.	1428553	Customer ID	13100
Ship Agent	Ziegler Delivery	P.O. Number	199183-06
Shipment Method	Prepaid	P.O. Date	9/27/2019
Shipper ID		SalesPerson	Construction
Shipping Service	Service Rep	Payment Method	Check
Tracking No.			

Item No.	Description	Unit	Lot No.	Country of Origin	Ordered	Shipped	Back Ordered
/100C500NCP0H	1"-8 X 5 A563B HEX COUPLING NUT PLAIN T.O./HDG DOMESTIC CERTS REQUIRED WITH ROCAPS	Each	902725	US	20	20	

Kegs	Boxes	Pallets	Weight
1			

Mike Mesarchik
Received By

10-01-19
Date

Pick Instruction
Ziegler Bolt & Parts Co.
ZIEGLER BOLT - CANTON

Order No. **1428553**
Pick Location **1**

Date Generated: **9/27/2019 12:57 PM**
Page: **1 of 1**
Generated By: **ZIEGLERBOLT\CPURSES**

Sold To: 13100
US BRIDGE
P.O. BOX 757

CAMBRIDGE OH 43725

Ship To: US BRIDGE
203 WHEELING AVE.

CAMBRIDGE OH 43725

Outside Salesperson	Inside Salesperson	Shipping Agent	Shipping Service	Shipment Date	Shipment Method	Payment Method	Customer PO
Construction	Chris Purses	Ziegler Delivery	Service Rep	10/1/2019	PPD	Check	199183-06

Item No.	Description	P	B	O	Qty to Pick		Qty Picked	Qty B/O	Pkgs	Box Qty	Qty on Hand
	DOMESTIC CERTS REQUIRED WITH ROCAPS										
1 /100C500NCP0H	1"-8 X 5 A563B HEX COUPLING NUT PLAIN T.O./HDG Lot # 962 725 Country USA				**20**	EA	20				95

Picked By EHL Date 9-30-19 Q.C. EHL

Boxes 1 Tubes _____ Weight _____

COUPLING NUT SUPPLY
A Division of Saelens Corporation
If You Can't Find It, Call Us....We Manufacture.

October 3, 2017

Ziegler's Bolt & Nut House
PO Box 80369
Canton, OH 44708-0369

Letter of Compliance

P.O. # 16159635

319 pcs 1"-8X5" – 1"5/8 HEX HDG
Lot# 902725
Heat# NF100886539

The above parts were manufactured in the United States of America: by Coupling Nut Supply from 1215 steel material and conforms to Grade 2 strength area. The parts have a proof load stress of 90,000 P.S.I. Parts are galvanized to ASTM A153 specs.

Sincerely,

Joseph J. Jilek IV/Sales
Coupling Nut Supply

NUCOR
NUCOR COLD FINISH WISCONSIN, INC.

Mill Certification
5/19/2017

MTR #: E1-136971
7200 S 6th St
OAK CREEK, WI 53154
(414) 764-0220
Fax: (414) 764-2073

Sold To: EARLE M JORGENSEN CO
1900 MITCHELL BLVD
PO BOX 1900
SCHAUMBURG, IL 60194
(847) 301-2346
Fax: (847) 891-2203

Ship To: EARLE M JORGENSEN CO
1900 MITCHELL BLVD
SCHAUMBURG, IL 60194
(847) 301-6118
Fax: (847) 891-2203

R229036

Customer P.O.	P791537-423	Sales Order	642344.1
Product Group	Cold Finish Bar	Part Number	321443
Grade	1215 ASTM A108	Lot #	E1180409
Size	Hex 1.6250 (.0040)	Heat #	NF100886539
Product	HX 1.6250" 1215 12-R CD	B.L. Number	E1-237458
Description	CF Grade 1215	Load Number	E1-136971
Customer Spec	C1215	Customer Part #	502553

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Part Detail: HX 1.6250" 1215 12-R Cold Drawn
Process: Cold Drawn

Melt Date: 5/1/2017

C	Mn	P	S	Si	Cu	Cr	Ni	Mo	Sn	V	Cb
0.06%	0.93%	0.057%	0.284%	0.00%	0.24%	0.06%	0.08%	0.020%	0.009%	0.0020%	0.003%
Al	N	Pb									
0.000%	0.0107%	0.000%									

Melting Mill: Nucor Bar NE Country of Melting: USA

Reduction Ratio 17.8 :1 Country of Rolling: USA Rolling Mill: Nucor Bar NE

Draw Date: 5/9/2017

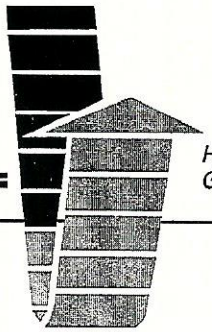
Final Mechanical Date: 11/7/2016

Specification Comments:

1. All products produced are weld free.
2. Mercury, in any form, has not been used in the production or testing of this material.

Nick Schultz
Sales Manager

ROGERS BROTHERS INC.



HOT DIP
GALVANIZING

January 18, 2017

Saelens Corporation
100 Veterans Drive
P.O. Box 499
Johnson Creek, WI 53038

To Whom It May Concern:

This is to certify that the product we hot dip galvanized in our plant for Saelens Corporation meets ASTM A153 specifications and complies with the coating, workmanship, finish, and appearance requirements of ASTM F2329 specifications. The hot dip galvanizing is ROHS compliant. The galvanizing process was conducted in a temperature range of 830F to 850F. The product is galvanized in the USA.

Sincerely,

ROGERS BROTHERS INC.

Lorraine P Shelburne

Lorraine P. Shelburne
Vice President

SUBSCRIBED AND SWORN
BEFORE ME THIS 18TH
DAY OF JANUARY 2017, AD

Judith A Ferolie
NOTARY PUBLIC

OFFICIAL SEAL
JUDITH A FEROLIE
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:01/23/20

ROGERS BROTHERS, INC. 1925 KISHWAUKEE STREET, ROCKFORD, ILLINOIS 61104-5197 PHONE: 815/965-5132 FAX: 815/965-3765
E-MAIL: rogersbros@tds.net

his Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22505

Carrier

CEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading: Trinity Highway Products, LLC 13

_____ 20, _____ from _____

property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood oughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to tination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, uding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 1297431

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

onsigned to: THE OHIO BRIDGE CORP
estination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP

Cust. P.O. STOCK-FLRZ-18
MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7249

Load No.: 5-1

Total Weight: 22,379.52

ty: CAMBRIDGE State: OH Zip: 43725

Ship: 4/30/2019

Arrive: 4/30/19 5:00:00PM

ntact: ELVIN JARRELL Phone: 740-432-6334

560029

elivering Carrier: BESL Vehicle or Car Initial: CM5665 No. 22

ollect On Delivery:

_____ and remit to: _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Claim Policy No. QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA.			
		LD Comments:			
	28	933324B 3GA 3 X 9 DECKING 24'0"BD			
	14	933524B 5GA 3 X 9 DECKING 24'-0"			
	14				

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		pro #			
		34469			
		40-22505 Mike Mascolo 4-25-19			

ECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
he agreed or declared value of the property is hereby
ecifically stated by the shipper to be not exceeding per

SHIPPER OR AGENT	I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.		DESTINATION	CONSIGNEE OR AGENT	Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE		DATE 4-25-19		SIGN HERE	DATE / / TIME A.M. P.M.
AGENT OR DRIVER	This shipment received subject to exceptions as noted and according to the terms and conditions hereof.			DRIVER	NO
(SIGN HERE)		DATE			

manent post-office address of shipper,

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

his Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

CEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

l _____ 20, _____ from _____

property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood oughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to stination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, luding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 129431

onsigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No.: 5-1

estination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS Total Weight: 22,379.52
C/O THE OHIO BRIDGE CORP P.740-439-7349

ty: CAMBRIDGE State: OH Zip: 43725 Ship: 4/30/2019

Arrive: 4/30/19 5:00:00PM

ontact: ELVIN JARRELL Phone: 740-432-6334 560029

elivering Carrier: BKSL Vehicle or Car Initial: CMSU No. 22

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC
Per _____
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier
Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery: _____ and remit to: _____ C.O.D. charge to be paid by Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.	No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC's Storage Claim Policy No. CMS-LG-002 Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA LD Comments: 28 932334B 3GA 3 X 9 DECKING 24'0"BD 36 936534B 5GA 3 X 9 DECKING 24'-0" 14						pro # 34469			

*Weight subject to correction

ECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
he agreed or declared value of the property is hereby _____ per _____
pecifically stated by the shipper to be not exceeding

SHIPPER OR AGENT	I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.	DESTINATION	CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE	DATE 4/25-19		SIGN HERE / DATE / TIME A.M. P.M.
AGENT OR DRIVER	This shipment received subject to exceptions as noted and according to the terms and conditions hereof.		DRIVER NO
(SIGN HERE)	DATE		

manent post-office address of shipper,

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
550 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22505 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/24/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
28	932324B	3GA 3 X 9 DECKING	A-1011			229509	61,820	68,680	32.1	0.040	0.570	0.010	0.004	0.020	0.100	0.019	0.060	0.000	
16	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
	932524B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 24th day of April, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Paul
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Brilliant, OH on 20, from Trinity Highway Products,LLC 13

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22503

S/O No. 1297431

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 25-1

Destination: 301 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P:740-439-7349 Total Weight: 38,780.40

City: CAMBRIDGE State: OH Zip: 43725 Ship: 4/15/2019

Arrive: 4/15/19 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-432-6334 559988

Delivering Carrier: Bosal Vehicle or Car Initial: CM 565 No. 158

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products,LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:

$ _____ and remit to: _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.	No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-002.									
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA.									
		LD Comments:									
	85	9332524B 5GA 3 X 9 DECKING 24'-0"									

SPECIAL INSTRUCTIONS: 40-22503

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 38,780 — 2

The shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby _____ per _____
specifically stated by the shipper to be not exceeding

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE _____ DATE _____

CARRIER OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE _____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE _____ TIME _____ A.M. / P.M.

DRIVER _____ NO _____

Permanent post-office address of shipper, _____

09-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

Shipper's No. 40-22503

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at BRENTWOOD, CA 20, from Trinity Highway Products,LLC 13

S/O No. 197431

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
TRINITY HIGHWAY PRODUCTS, LLC
Per Trinity Highway Products,LLC
(Signature of Consignor)

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 25-1
Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS
C/O THE OHIO BRIDGE CORP F 740-439-7549 Total Weight: 38,780.40

City: CAMBRIDGE State: OH Zip: 43725
Ship: 4/15/2019
Arrive: 4/15/19 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-432-6334 590988

Delivering Carrier: Rent Vehicle or Car Initial: CMSC No. 158

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier
Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:
$_____ and remit to: _____
_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No QMS-LGI-003			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		LD Comments			
		85 933524B 5GA 3 X 9 DECKING 24'-0"			
		X			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

CIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 38,780

3

ne shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
OTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
agreed or declared value of the property is hereby
cifically stated by the shipper to be not exceeding per

HIPPER I hereby authorize this shipment and make the declaration of values (if any)
R AGENT and agree to the contract terms and conditions hereof.
IGN HERE DATE

GENT OR This shipment received subject to exceptions as noted and according to the
RIVER terms and conditions hereof.
IGN HERE) DATE

DESTINATION
CONSIGNEE OR AGENT Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE A.M. / P.M. TIME
DRIVER NO

nent post-office address of shipper,

(This Bill of Lading is to be signed by the shipper

9-RF (R 10/93)

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22503 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/24/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
85	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	
	932524B		A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 24th day of April, 2019 .

Notary Public:
Commission Expires / /

Trinity Highway Products LLC
Certified By: Shannon M. Pauli
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at BrierHillGirard, OH 20, ____ from Trinity Highway Products,LLC 13

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22502

S/O No. 1297431

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per ____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 4-1

Destination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP

MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7349

Total Weight: 36,072.88

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/10/2019

Arrive: 4/10/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334

559040

Delivering Carrier: Bills Towing Vehicle or Car Initial: 17 No. 20

Collect On Delivery:

$____ and remit to: ____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

____ Street ____ City ____ State

96

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		LD Comments:			
304		932500B 5GA 3X9 DECKING X 1'0 RDM			
135		932512B 5GA 3 X 9 DECKING 12'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
	2				

40-22502

IAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

e shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
OTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
agreed or declared value of the property is hereby
ifically stated by the shipper to be not exceeding per

IIPPER R AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
GN HERE ____ DATE 4/23/19

ENT OR RIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
GN HERE) ____ DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE ____ DATE ____ TIME A.M. P.M.

DRIVER Don Kahrig NO

ent post-office address of shipper,

9-RF (R 10/93)

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

CARRIER COPY

ıis Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the pro[illegible]med herein, and is intended solely for filing or record.

Carrier

Shipper's No. [illegible]22502

CEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
BriarHillGirard, OH 20, from Trinity Highway Products LLC 13

S/O No. 1134431

roperty described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood ughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to nation, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, ding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
TRINITY HIGHWAY PRODUCTS, LLC
Per Trinity Highway Products LLC
(Signature of Consignor)

nsigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 1-1
stination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS Total Weight: 36772 lbs
C/O THE OHIO BRIDGE CORP P:740-439-7349
y: CAMBRIDGE State: OH Zip: 43725
Ship: 4/10/2019
Arrive: 4/18/19 8:00:00PM

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier
Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

ntact: ELVIN JARRELL Phone: 740-432-6334 559048
livering Carrier: Bills Towing Vehicle or Car Initial: T7 No. 20

ollect On Delivery:
_____ and remit to: _____
_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No QMS-LG-002			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		ED Comments			
304	932508B	5GA 3X9 DECKING X 10 RDM			
135	932512B	5GA 3 X 9 DECKING 12'-0"			

40 22502

AL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
OTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
agreed or declared value of the property is hereby
ifically stated by the shipper to be not exceeding per

IPPER AGENT I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof. 4/23/19
Shannon M. Pace
GN HERE DATE

ENT OR IIVER This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
DATE

DESTINATION

CONSIGNEE OR AGENT Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
/ / A.M.
DATE TIME P.M.

SIGN HERE
DRIVER Don Kahrig NO

GN HERE)
nent post-office address of shipper,

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

CONSIGNEE/CUSTOMER COPY

9-RF (R 10/93)

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22502 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/23/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
135	932512B	5GA 3 X 9 DECKING 12'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
	932512B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 23rd day of April, 2019 .

Notary Public:
Commission Expires / /

Trinity Highway Products LLC
Certified By: Shannon M Paulin
Quality Assurance

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

Shipper's No. 40-22498

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Riverhill Gizard, OH 20, 13 from Trinity Highway Products,LLC

S/O No. 1197431

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 2-1

Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS Total Weight: 39,721.30
C/O THE OHIO BRIDGE CORP P:740-439-7349

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/1/2019

Arrive: 4/1/19 8:00:00AM

558414

Contact: ELVIN JARRELL Phone: 740-432-6334

Delivering Carrier: Bush Vehicle or Car Initial: CMSC5 No. 200

Collect On Delivery:

$_____ and remit to: _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No. QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		LD Comments:			
		prot#			
20	932638B	5GA 3 X 9 DECKING 38'-0"			
114	932660B	5GA 3 X 9 DECKING 13'-5"			
		GLI			
		40-22498			

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 39,721

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE _____ DATE 4/1/19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE 4-1-19

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE / / TIME A.M. / P.M.

DRIVER _____ NO _____

Permanent post-office address of shipper, _____

TRI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

Shipper's No. 40-22488

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Sharonville, OH 20, 13 from Trinity Highway Products,LLC

S/O No. 178741

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No.: 2-1

Destination: 301 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P 740-439-7349 Total Weight: 39,721 30

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/1/2019

Arrive: 4/1/19 8:00:00AM

Contact: ELVIN FARRELL Phone: 740-432-6334 558414

Delivering Carrier: RUCK Vehicle or Car Initial: CMSCS No. 200

Collect On Delivery:

$ and remit to:

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street City State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		From delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No QMS-LG-002.			
		Project Info STOCK-FLRZ-18 75 TON 3GA 300 TON 5GA			
		LD Comments			
		prott			
30	932538B	5GA 3 X 9 DECKING 38'-0"			
114	932800B	5GA 3 X 9 DECKING 18'-5"			
		GLI			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

40-22488

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 39721

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE DATE 4-1-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) DATE 4-1-19

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE / / TIME A.M. P.M.

DRIVER NO

Permanent post-office address of shipper,

TRI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
Brier Hill Girard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22488 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/1/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
20	932528B	5GA 3 X 9 DECKING 28'-0"	A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	
	932528B		A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
114	932600B	5GA 3 X 9 DECKING 13'-5"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
	932600B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

Certified Analysis

Trinity Highway Products LLC
950 State Street
Brier Hill Girard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22488 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/1/19

State of Ohio, County of Trumbull. Sworn and subscribed before me this 1st day of April, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M Pauli
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading: Trinity Highway Products,LLC 13

at _____ 20, _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22490

S/O No. 1297431

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No.: 3-1

Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P:740-439-7349 Total Weight: 42,202.20

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/3/2019

Arrive: 4/3/19 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-432-6334 558724

Delivering Carrier: Bills Towing Cpy Vehicle or Car Initial: 17 No. 200

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:

$_____ and remit to: _____

_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Damage Claim Policy No. QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		LD Comments:			
X	20	932520B 5GA 3 X 9 DECKING 20'-0"			
	65	932528B 5GA 3 X 9 DECKING 28'-0"			
		GLI			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

40-22490

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby _____ per _____
specifically stated by the shipper to be not exceeding _____

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE Shannon M. Pauley DATE 4/3/19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE _____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE / / TIME A.M. P.M.

DRIVER Don Kahrig NO

manent post-office address of shipper.

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22490

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading: Trinity Highway Products, LLC 13

at _____ 20, _____ from _____

Shipper's No.

S/O No. 197431

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ 18 Load No.: 3-1

Destination: 261 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P. 740-439-7349 Total Weight: 42,202 20

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/3/2019

Arrive: 4/3/19 8:00:00AM

Contact: ELVIN FARRELL Phone: 740-432-6334 559724

Delivering Carrier: Bills Towing CPU Vehicle or Car Initial: 17 No. 200

Collect On Delivery:

$_____ and remit to: _____

C.O.D. charge to be paid by: Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC

(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges advanced:

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.	No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Change Shall Policy No. CMS LC 003									
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA.									
		LD Comment:									
	20	932520B 5GA 3 X 9 DECKING 20'-0"									
	65	932538B 5GA 3 X 9 DECKING 38'-0"									
		(-L1									

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22490 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/3/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
20	932520B	5GA 3 X 9 DECKING 20'-0"	A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	
	932520B		A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
65	932528B	5GA 3 X 9 DECKING 28'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
	932528B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.
ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22490 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/3/19

State of Ohio, County of Trumbull. Sworn and subscribed before me this 3rd day of April, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M Pauli
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22491

Carrier: Trinity Highway Products,LLC 13

Shipper's No.

S/O No. 1337431

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading:

at _____ 20, _____ from _____

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No.: 21-1

Destination: 301 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P:740-439-7349 Total Weight: 41,822.00

City: CAMBRIDGE State: OH Zip: 43725 Ship: 4/10/2019

Arrive: 4/10/19 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-432-6334 558832

Delivering Carrier: BILL'S TOWING Vehicle or Car Initial: TRL No. 31

Collect On Delivery:

$ _____ and remit to: _____

Street _____ City _____ State _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products,LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ _____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Material Only, all materials subject to Trinity Highway Products,LLC Storage Yard Rate, No QMS LG 002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 300 TON 5GA			
		LD Comments:			
110		933520B 5GA 3 X 9 DECKING 20'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

40-22491

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby _____ per _____
specifically stated by the shipper to be not exceeding _____

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE [signature] DATE 4.4.19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE _____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE / / TIME A.M. P.M.

DRIVER Don Kahrig NO

Permanent post-office address of shipper, _____

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-32491

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading, Trinity Highway Products,LLC 13

at _____ 20, _____ from _____

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 197431

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 21-1

Destination: 301 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P:740-439-7349 Total Weight: 41,822.00

City: CAMBRIDGE State: OH Zip: 43725 Ship: 4/10/2019

Arrive: 4/10/19 8:00:00AM

Contact: ELVIN FARRELL Phone: 740-432-6334 558832

Delivering Carrier: BILLS TRANSFER Vehicle or Car Initial: TRL No. 31

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products,LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery: $_____ and remit to: _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Unless otherwise noted, all materials subject to Trinity Highway Products,LLC drawings			
		Project Info STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		LD Comments:			
110	9325308	5GA 3 X 9 DECKING 20'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		5MS-LG-002			

40-32491

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby _____ per _____
specifically stated by the shipper to be not exceeding

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.

SIGN HERE _____ DATE 4.4.19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.

(SIGN HERE) _____ DATE _____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.

SIGN HERE _____ DATE ___/___/___ TIME A.M. P.M.

DRIVER Don Kahrig NO

Permanent post-office address of shipper, _____

3509-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22491 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/4/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
110	932520B	5GA 3 X 9 DECKING 20'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
	932520B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 4th day of April, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Paul
Quality Assurance

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at BriarHillGirard, OH 20, from Trinity Highway Products,LLC 13
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22493

S/O No. 1297431

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Consigned to: THE OHIO BRIDGE CORP
Destination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP

Cust. P.O. STOCK-FLRZ-18 Load No. 22-1

MAX WEIGHT OF LOAD 42,000LBS
F:740-439-7349

Total Weight: 41,922.00

Ship: 4/11/2019

City: CAMBRIDGE State: OH Zip: 43725

Arrive: 4/11/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6324

558990

Delivering Carrier: Towing Bills Vehicle or Car Initial: 17 No. 486

Collect On Delivery:
$ and remit to:

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street City State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No. QMS-LG-003.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		LD Comments:			
112		932520B 5GA 3 X 9 DECKING 20'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Mike Mesnicht 4-9-19			

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

40-22493

Total Weight 2

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN
SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE Mark Legins DATE 4-8-19
AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) DATE

DESTINATION
CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE / / TIME A.M. P.M.
DRIVER Don Kahrig NO

Permanent post-office address of shipper,

*RI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at BrierHill Girard, OH 20, from Trinity Highway Products,LLC 12

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22493

S/O No. 129781

Consigned to: THE OHIO BRIDGE CORP
Destination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP

Cust. P.O. STOCK-FLRZ-18
MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7349

Load No.: 22-1

Total Weight: 41,832.00

Ship: 4/11/2019

City: CAMBRIDGE State: OH Zip: 43725

Arrive: 4/11/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740 439 6334

559999

Delivering Carrier: Towing B. N S Vehicle or Car Initial: 17 No. 486

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:

$ and remit to:

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street City State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 300 TON 5GA			
		LD Comments:			
1	2	322930B 5GA 3 X 9 DECKING 20'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Mike Mesarchik 4-9-19			

SPECIAL INSTRUCTIONS: 40-22493

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE Dale Beyer DATE 4-9-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE / / TIME A.M. P.M.

DRIVER Don Kahrig NO 8

Permanent post-office address of shipper,

TRI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22493 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/8/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
110	932520B	5GA 3 X 9 DECKING 20'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
	932520B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 8th day of April, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Pauli
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at Erie Hill Girard, OH 20, ____ from Trinity Highway Products, LLC 13
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22495

S/O No. 1297431

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 30-1

Destination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP
MAX WEIGHT OF LOAD 42,000LBS
F:740-439-7349
Total Weight: 42,207.20

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/9/2019

Arrive: 4/10/19 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-432-6334

559257

Delivering Carrier: BESL Vehicle or Car Initial: CMSLG5 No. 154

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per ____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:
$____ and remit to: ____
____ Street ____ City ____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No. QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA.			
		LD Comments:			
30	932524B	5GA 3 X 9 DECKING 24'-0"			
50	932530B	5GA 3 X 9 DECKING 30'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

TR 154

SPECIAL INSTRUCTIONS:

40-22495

SHIPPER LOAD - CONSIGNEE UNLOAD

Mike Wendt 4-12-19

Total Weight 2

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ____ per ____

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE Mike Wendt DATE 4-11-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) ____ DATE ____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE ____ DATE ____ / ____ / ____ TIME A.M. / P.M.

DRIVER [signature] NO 4-11-19

Permanent post-office address of shipper,

TRI 609-BF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

his Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

ECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
l SnerHillGirard, OH 20, from Trinity Highway Products,LLC 13
property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood oughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to stination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, luding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22495

S/O No. 185431

onsigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 20-1
estination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS Total Weight: 42,207.20
OH THE OHIO BRIDGE CORP P 740-439-7349

Ship: 4/9/2019

ty: CAMBRIDGE State: OH Zip: 43725

Arrive: 4/10/19 8:00:00AM

ontact: ELVIN JARRELL Phone: 740-431-6274 559357

elivering Carrier: BESL Vehicle or Car Initial: CMSCC5 No. 6196

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:
_____ and remit to: _____
_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No GMS-LG-002 Project Info STOCK-FLRZ-18 75 TON 3GA 300 TON 5GA. LD Comments			
	30	932534B 5GA 3 X 9 DECKING 24'-0"			
	50	932530B 5GA 3 X 9 DECKING 30'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

TR 154

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

40-22495 Nicole Wendt 4-12-19

Total Weight 3

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby
specifically stated by the shipper to be not exceeding per

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE _____ DATE 4-11-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE / / TIME A.M. P.M.

DRIVER _____ NO 4-11-19

rmanent post-office address of shipper,

l 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22495 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/11/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
30	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
	932524B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	
50	932530B	5GA 3 X 9 DECKING 30'-0"	A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	
	932530B		A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

Certified Analysis

Trinity Highway Products LLC

950 State Street

BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP

Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming

Customer PO: STOCK-FLRZ-18

BOL Number: 22495 Ship Date:

Document #: 1

Shipped To: OH

Use State: OH

As of: 4/11/19

State of Ohio, County of Trumbull. Sworn and subscribed before me this 11st day of April, 2019 .

Notary Public:

Commission Expires: / /

Trinity Highway Products LLC

Certified By: Shannon M. Pauli

Quality Assurance

his Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

:CEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
BrierHillGirard, OH 20, from Trinity Highway Products,LLC 13
property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood oughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to tination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, uding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22500

S/O No. 1297431

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
TRINITY HIGHWAY PRODUCTS, LLC
Per Trinity Highway Products LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier
Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

onsigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 22-1
estination: 301 WHEELING AVE
C/O THE OHIO BRIDGE CORP
MAX WEIGHT OF LOAD 42,000LBS
F:740-439-7349
Total Weight: 40,795.20

ty: CAMBRIDGE State: OH Zip: 43725
Ship: 4/17/2019
Arrive: 4/19/19 8:00:00AM

ontact: ELVIN JARRELL Phone: 740-432-6334
559593

elivering Carrier: _____ Vehicle or Car Initial: _____ No. _____

ollect On Delivery:
_____ and remit to: _____
C.O.D. charge to be paid by Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. OMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA.			
		LD Comments:			
	30	932324B 3GA 3 X 9 DECKING 24'0"BD			
	20	932328B 3GA 3 X 9 DECKING 28' 0"			
	26	932339B 3GA 3 X 9 DECKING 20' 3"			

TR 21 #

Mike Wearick 4-18-19

40-22500

ECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

f the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
he agreed or declared value of the property is hereby
ecifically stated by the shipper to be not exceeding per

SHIPPER OR AGENT	I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.		DESTINATION	CONSIGNEE OR AGENT	Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE	Shannon M. Price	DATE 4/17/19		SIGN HERE	DATE 4/17/19 TIME A.M. P.M.
AGENT OR DRIVER	This shipment received subject to exceptions as noted and according to the terms and conditions hereof.			DRIVER	NO
(SIGN HERE)		DATE			

manent post-office address of shipper,

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

CARRIER COPY

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Brier Hill Girard, OH 20, ____ from Trinity Highway Products, LLC 13

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 46-22500

S/O No. 4139731

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK FLRZ-18 Load No. 22-1

Destination: 301 WHEELING AVE
C/O THE OHIO BRIDGE CORP
MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7349

Total Weight: 40,795.20

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/17/2019

Arrive: 4/19/19 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-439-6334

559593

Delivering Carrier: ____ Vehicle or Car Initial: ____ No. ____

Collect On Delivery:

$ ____ and remit to: ____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street ____ City ____ State ____

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ ____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per ____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No QMS-LG-002			
		Project Info STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		LD Comments:			
	30	933334B 3GA 3 X 9 DECKING 34'0"BD			
X	20	933328B 3GA 3 X 9 DECKING 28' 0"			
	26	932339B 3GA 3 X 9 DECKING 20' 3"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

TR 21

4-18-19

46-22500

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ____ per ____

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE Shannon M. Allen DATE 4/17/19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE 4/17/19 TIME A.M. P.M.

DRIVER NO

Permanent post-office address of shipper,

TRI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757
CAMBRIDGE, OH 43725-0757
Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22500 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/17/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
30	932324B	3GA 3 X 9 DECKING	A-1011			229509	61,820	68,680	32.1	0.040	0.570	0.010	0.004	0.020	0.100	0.019	0.060	0.000	
20	932328B	3GA 3 X 9 DECKING 28' 0"	A-1011			229509	61,820	68,680	32.1	0.040	0.570	0.010	0.004	0.020	0.100	0.019	0.060	0.000	
26	932339B	3GA 3 X 9 DECKING 20' 3"	A-1011			229509	61,820	68,680	32.1	0.040	0.570	0.010	0.004	0.020	0.100	0.019	0.060	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 17th day of April, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Pauli
Quality Assurance

his Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

Shipper's No. 4[illegible]

S/O No. 151656

ECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at Brookhill Girard, OH 20, from Trinity Highway Products,LLC 13
property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood oughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to stination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, luding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

onsigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK FLR 19 Load No.: 1
estination: 301 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS Total Weight: 41,512.00
ATT: THE OHIO BRIDGE CORP P 740-432-7349
Ship: 10/9/2012
ty: CAMBRIDGE State: OH Zip: 43725
Arrive: 10/9/12 5:00:00PM
ontact: ELVIS LARRELL Phone: 740-432-6334 94725
elivering Carrier: R&L Vehicle or Car Initial: 5 No. 24

Collect On Delivery: _____ **and remit to:** _____
_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.	No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stam Policy No CMS-LG-003									
		Project Info SGA									
		LD Comments									
	16	9098913 SETUP #3 MILL									
	10	9135302 5GA 3 X 9 DECKING 30'-0"									
	50	9135348 5GA 3 X 9 DECKING 34'-0"									
	38	9135338 5GA 3 X 9 DECKING 38'-0"									

ECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
he agreed or declared value of the property is hereby
pecifically stated by the shipper to be not exceeding per

SHIPPER OR AGENT	I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.		DESTINATION	CONSIGNEE OR AGENT	Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE		DATE		SIGN HERE	DATE / / TIME A.M. P.M.
AGENT OR DRIVER	This shipment received subject to exceptions as noted and according to the terms and conditions hereof.			DRIVER	NO.
(SIGN HERE)		DATE			

rmanent post-office address of shipper,

ll 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products , LLC
950 State Street
BrierHill Girard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA

Order Number: 1301656 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-19
BOL Number: 22384 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 10/8/18

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
10	932520B	5GA 3 X 9 DECKING 20'-0"	A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
	932520B		A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	
50	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	
	932524B		A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
28	932528B	5GA 3 X 9 DECKING 28'-0"	A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
	932528B		A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

Certified Analysis

Trinity Highway Products , LLC

950 State Street

BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP

Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA

Order Number: 1301656 Prod Ln Grp: 13-Custom Rollforming

Customer PO: STOCK-FLRZ-19

BOL Number: 22384 Ship Date:

Document #: 1

Shipped To: OH

Use State: OH

As of: 10/8/18

State of Ohio, County of Trumbull. Sworn and subscribed before me this 8th day of October, 2018 .

Notary Public:
Commission Expires: / /

Certified By: Trinity Highway Products , LLC
Shannon M. Pauli
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at SnowHillGrand, OH 20, ____ from Trinity Highway Products LLC 13

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22384

S/O No. 1301650

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK FLRZ 40 Load No.: 1

Destination: 301 WHEELING AVE
C/O THE OHIO BRIDGE CORP

MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7349

Total Weight: 41,518.00

Ship: 10/8/2018

City: CAMBRIDGE State: OH Zip: 43725

Arrive: 10/9/18 5:00:00PM

Contact: ELVIN LARRELL Phone: 740-432-6334

547539

Delivering Carrier: R&L Trans Vehicle or Car Initial: 15 No. 29

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ ____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per ____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:

$ ____ and remit to: ____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street ____ City ____ State ____

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-001			
		Project Info: SGA			
		LD Comments:			
16		5098815 SETUP #2 MILL			
10		9325208 SGA 3 X 9 DECKING 20'-0"			
50		9325248 SGA 3 X 9 DECKING 24'-0"			
29		9325288 SGA 3 X 9 DECKING 28'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

SPECIAL INSTRUCTIONS: 40-22384

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ____ per ____

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE [signature] DATE 10-9-18

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) ____ DATE ____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE ____ DATE ____ / ____ / ____ TIME ____ A.M. P.M.

DRIVER [signature] NO.

Permanent post-office address of shipper,

TRI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

CONTRACT TERMS AND CONDITIONS

Sec. 1. (a) The carrier or party in possession of any of the property herein described shall be liable as at common law for any loss thereof or damage thereto, except as hereinafter provided.

(b) No carrier or party in possession of all or any of the property herein described shall be liable for any loss thereof or damage thereto or delay caused by the Act of God, the public enemy, the authority of law, or the act or default of the shipper or owner, or for natural shrinkage. The carrier's liability shall be that of warehouseman, only, for loss, damage, or delay caused by fire occurring after the expiration of free time (if any) allowed by tariffs lawfully on file (such free time to be computed as therein provided) after notice of the arrival of the property at destination or at the port of export (if intended for export) has been duly sent or given, and after placement of the property for delivery at destination, or tender of delivery of the property to the party entitled to receive it, has been made. Except in case of negligence of the carrier or party in possession (and the burden to prove freedom from such negligence shall be on the carrier or party in possession), the carrier or party in possession shall not be liable for loss, damage, or delay occurring while the property is stopped and held in transit upon the request of the shipper, owner, or party entitled to make such request, or resulting from a defect or vice in the property, or for country damage to cotton, or from riots or strikes. Except in case of carrier's negligence, no carrier or party in possession of all or any of the property herein described shall be liable for delay caused by highway obstruction, faulty or impassable highway, or lack of capacity of any highway, bridge or ferry, and the burden to prove freedom from such negligence shall be on the carrier or party in possession.

(c) In case of quarantine the property may be discharged at risk and expense of owners into quarantine depot or elsewhere as required by quarantine regulations or authorities, or for the carrier's dispatch at nearest available point in carrier's judgment, and in any such case carrier's responsibility shall cease when property is so discharged, or property may be returned by carrier at owner's expense to shipping point, earning freight both ways. Quarantine expenses of whatever nature or kind upon or in respect to the property shall be borne by the owners of the property or be a lien thereon. The carrier shall not be liable for loss or damage occasioned by fumigation or disinfection or other acts required or done by quarantine regulations or authorities even though the same may have been done by carrier's officers, agents, or employees, nor for detention, loss, or damage of any kind occasioned by quarantine or the enforcement thereof. No carrier shall be liable, except in case of negligence, for any mistake or inaccuracy in any information furnished by the carrier, its agents, or officers, as to quarantine laws or regulations. The shipper shall hold the carriers harmless from any expense they may incur or damages they may be required to pay, by reason of the introduction of the property covered by this contract into any place against the quarantine laws or regulations in effect at such place.

Sec. 2. (a) No carrier is bound to transport said property by any particular schedule, train, vehicle or vessel, or in any time for any particular market or otherwise than with reasonable dispatch. Every carrier shall have the right in case of physical necessity to forward said property by any carrier or route between the point of shipment and the point of destination. In all cases, not prohibited by law, where a lower value than actual value has been represented in writing by the shipper or has been agreed upon in writing as the released value of the property as determined by the classification of tariffs upon which the rate is based, such lower value plus freight charges if paid shall be the maximum amount to be recovered, whether or not such loss or damage occurs from negligence.

(b) As a condition precedent to recovery, claims must be filed in writing with the receiving or delivering carrier, or carrier issuing this bill of lading, or carrier on whose line the loss, damage, injury or delay occurred, or carrier in possession of the property when the loss, damage, injury or delay occurred, within nine months after delivery of the property (or, in case of export traffic, within nine months after delivery at port of export) or, in case of failure to make delivery, then within nine months after a reasonable time for delivery has elapsed; and suits shall be instituted against any carrier only within two years and one day from the date when notice in writing is given by the carrier to claimant that the carrier has disallowed the claim or any part or parts thereof specified in the notice. Where claims are not filed or suits are not instituted thereon in accordance with the foregoing provisions, no carrier hereunder shall be liable, and such claims will not be paid.

(c) Any carrier or party liable on account of loss of or damage to any of said property shall have the full benefit of any insurance that may have been effected upon or on account of said property, so far as this shall not avoid the policys or contracts of insurance: Provided, That the carrier reimburse the claimant for the premium paid thereon.

Sec. 3. Except where such service is required as the result of carrier's negligence, all property shall be subject to necessary cooperage and baling at owner's cost. Each carrier over whose route cotton or cotton linters is to be transported hereunder shall have the privilege, at its own cost and risk, of compressing the same for greater convenience in handling or forwarding, and shall not be held responsible for deviation or unavoidable delay in procuring such compression. Grain in bulk consigned to a point where there is a railroad, public or licensed elevator, may (unless otherwise expressly noted herein, and then if it is not promptly unloaded) be there delivered and placed with other grain of the same kind and grade without respect to ownership (and prompt notice thereof shall be given to the consignor), and if so delivered shall be subject to a lien for elevator charges in addition to all other charges hereunder.

Sec. 4. (a) Property not removed by the party entitled to receive it within the free time, (if any) allowed by tariffs lawfully on file (such free time to be computed as therein provided), after notice of the arrival of the property at destination or at the port of export (if intended for export) has been duly sent or given, and after placement of the property for delivery at destination has been made, or property not received at the time tender of delivery of the property to the party entitled to receive it has been made, may be kept in vessel, vehicle, car, depot, warehouse or place of business of the carrier, subject to the tariff charge for storage and to carrier's responsibility as warehouseman, only, or at the option of the carrier, may be removed to and stored in a public or licensed warehouse at the point of delivery or other available point, or if no such warehouse is available at point of delivery or at other available point, then in other available storage facility, at the cost of the owner, and there held without liability on the part of the carrier and subject to a lien for all freight and other lawful charges, including a reasonable charge for storage. In the event consignee cannot be found at address given for delivery, then in that event notice of the placing of such goods in warehouse shall be mailed to the address given for delivery and mailed to any other address given on the bill of lading or notification, showing the warehouse in which such property has been placed, subject to the provisions of this paragraph.

(b) Where nonperishable property which has been transported to destination hereunder is refused by consignee or the party entitled to receive it upon tender of delivery, or said consignee or party entitled to receive it fails to receive or claim it within 15 days after notice of arrival shall have duly sent or given, the carrier may sell the same at public auction to the highest bidder at such place as may be designated by the carrier:

Provided, That the carrier shall have first mailed, sent, or given to the consignee notice that the property has been refused or remains unclaimed, as the case may be, and that it will be subject to sale under the terms of the bill of lading if disposition be not arranged for, and shall have published notice containing a description of the property, the name of the party to whom consigned, or, if shipped order notify, the name of the party to be notified, and the time and place of sale, once a week for two successive weeks, in a newspaper of general circulation at the place of sale or nearest place where such newspaper is published: Provided, That 30 days shall have elapsed before publication of notice of sale after said notice that the property was refused or remains unclaimed was mailed, sent, or given.

(c) Where perishable property which has been transported hereunder to destination is refused by consignee or party entitled to receive it, or said consignee or party entitled to receive it shall fail to receive it promptly, the carrier may in its discretion, to prevent deterioration or further deterioration, sell the same to the best advantage at private or public sale: Provided, That if time serves for notification to the consignor or owner of the refusal of the property or the failure to receive it and request for disposition of the property, such notification shall be given, in such manner as the exercise of due diligence requires, before the property is sold.

(d) Where the procedure provided for in the two paragraphs last preceding is not possible, it is agreed that nothing contained in said paragraphs shall be construed to abridge the right of the carrier at its option to sell the property under such circumstances and in such manner as may be authorized by law.

(e) The proceeds of any sale made under this section shall be applied by the carrier to the payment of freight, demurrage, storage, and any other lawful charges and the expense of notice, advertisement, sale, and other necessary expense and of caring for and maintaining the property, if proper care of same requires special expense, and should there be a balance it shall be paid to the owner of the property sold hereunder.

(f) Property destined to or taken from a station, wharf, landing or other place at which there is no regularly appointed freight agent shall be entirely at risk of owner after unloaded from cars, vehicles or vessels or until loaded into cars, vehicles or vessels and, except in case of carrier's negligence, when received from or delivered to such stations, wharfs, landings, or other places, shall be at owner's risk until the cars are attached to and after they are detached from locomotive, or train or until loaded into and after unloaded from vessels, or if property is transported in motor vehicle trailers or semi-trailers until such trailers or semi-trailers are attached to and after they are detached from power units. Where a carrier is directed to unload or deliver property transported by motor vehicle at a particular location where consignee or consignee's agent is not regularly located, the risk after unloading, or delivery, shall be that of the owner.

Sec. 5. No carrier hereunder will carry or be liable in any way for any documents, specie, or for any articles of extraordinary value not specifically rated in the published classification or tariffs, unless a special agreement to do so and a stipulated value of the articles are endorsed hereon.

Sec. 6. Every party, whether principal or agent, shipping explosives or dangerous goods, without previous full written disclosures to the carrier of their nature, shall be liable for and indemnify the carrier against all loss or damage caused by such goods, and such goods may be warehoused at owner's risk and expense or destroyed without compensation.

Sec. 7. The owner or consignee shall pay the freight and average, if any, and all other lawful charges accruing on said property, but, except in those instances where it may lawfully be authorized to do so, no carrier shall deliver or relinquish possession at destination of the property covered by this bill of lading until all tariff rates and charges thereon have been paid. The consignor shall be liable for the freight and all other lawful charges, except that if the consignor stipulates, by signature, in the space provided for that purpose on the face of this bill of lading that the carrier shall not make delivery without requiring payment of such charges and the carrier, contrary to such stipulation shall make delivery without requiring such payment, the consignor (except as hereinafter provided) shall not be liable for such charges: Provided, That, where the carrier has been instructed by the shipper or consignor to deliver said property to a consignee other than the shipper or consignor, such consignee shall not be legally liable for transportation charges in respect of the transportation of said property (beyond those billed against him at the time of delivery for which he is otherwise liable) which may be found to be due after the property has been delivered to him, if the consignee (a) is an agent only and has no beneficial title in said property, and (b) prior to delivery of said property has notified the delivering carrier in writing of the fact of such agency and absence of beneficial title and, in the case of a shipment reconsigned or diverted to a point other than that specified in the original bill of lading, has also notified the delivering carrier in writing of the name and address of the beneficial owner of said property; and, in such cases the shipper or consignor, or, in the case of a shipment so reconsigned or diverted, the beneficial owner shall be liable for such additional charges. If the consignee has given to the carrier erroneous information as to who the beneficial owner is, such consignee shall himself be liable for such additional charges. Nothing herein shall limit the right of the carrier to require at time of shipment the prepayment or guarantee of the charges. If upon inspection it is ascertained that the articles shipped are not those described in this bill of lading, the freight charges must be paid upon the articles actually shipped.

Sec. 8. If this bill of lading is issued on the order of the shipper, or his agent, in exchange or in substitution for another bill of lading, the shipper's signature to the prior bill of lading as to the statement of value or otherwise, or election of common law or bill of lading liability, in or in connection with such prior bill of lading, shall be considered a part of this bill of lading as fully as if the same were written or made in or in connection with this bill of lading.

Sec. 9. (a) If all or any part of said property is carried by water over any part of said route, such water carriage shall be performed subject to all the terms and provisions of, and all the exemptions from liability contained in, the Act of the Congress of the United States, approved on February 13, 1893, and entitled "An act relating to the navigation of vessels, etc," and of other statutes of the United States according carriers by water the protection of limited liability, and to the conditions contained in this bill of lading not inconsistent therewith or with this section.

(b) No such carrier by water shall be liable for any loss or damage resulting from any fire happening to or on board the vessel, or from explosion, bursting of boilers or breaking of shafts, unless caused by the design or neglect of such carrier.

(c) If the owner shall have exercised due diligence in making the vessel in all respects seaworthy and properly manned, equipped and supplied, no such carrier shall be liable for any loss or damage resulting from the perils of the lakes, seas, or other waters, or from latent defects in hull, machinery, or appurtenances whether existing prior to, at the time of, or after sailing, or from collision, stranding, or other accidents of navigation, or from prolongation of the voyage. And, when for any reason it is necessary, any vessel carrying any or all of the property herein described shall be at liberty to call at any port or ports in or out of the customary route, to tow or to be towed, to transfer, trans-ship, or lighten, to load and discharge goods at any time, to assist vessels in distress, to deviate for the purpose of saving life or property, and for docking and repairs. Except in case of negligence such carrier shall not be responsible for any loss or damage to property if it be necessary, or is usual to carry the same upon deck.

(d) General Average shall be payable according to the York-Antwerp Rules of 1924, Section 1 to 15, inclusive, and Section 17 to 22 inclusive, and as to matters not covered thereby according to the laws and usages of the Port of New York. If the owners shall have exercised due diligence to make the vessel in all respects seaworthy and properly manned, equipped and supplied, it is hereby agreed that in case of danger, damage or disaster resulting from fault or errors in navigation, or in the management of the vessel, or from any latent or other defects in the vessel, her machinery or appurtenances, or from unseaworthiness, whether existing at the time of shipment or at the beginning of the voyage (provided the latent or other defects or the unseaworthiness was not discoverable by the exercise of due diligence), the shippers, consignees and/or owners of the cargo shall nevertheless pay salvage and any special charges incurred in respect to the cargo, and shall contribute with the shipowner in general average to the payment of any sacrifices, losses of expenses of a general average nature that may be made or incurred for the common benefit as to relieve the adventure from any common peril.

(e) If the property is being carried under a tariff which provides that any carrier or carriers party thereto shall be liable for loss from perils of the sea, then as to such carrier or carriers the provisions of this section shall be modified in accordance with the tariff provisions, which shall be regarded as incorporated into the conditions of this bill of lading.

(f) The terms "water carriage" in this section shall not be construed as including lighterage in or across rivers, harbors, or lakes, when performed by or on behalf of carriers other than water.

Sec. 10. Any alteration, addition, or erasure in this bill of lading which shall be made without the special notation hereon of the agent of the carrier issuing this bill of lading, shall be without effect and this bill of lading shall be enforceable according to its original tenor.

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22385

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Cambridge, OH 20, 13 from Trinity Highway Products,LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 1201656

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-19 Load No. 2-1

Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P: 740-439-7249

Total Weight: 41,061.76

City: CAMBRIDGE State: OH Zip: 43725

Ship: 10/8/2018

Arrive: 10/8/18 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334 547539

Delivering Carrier: Bills Towing Vehicle or Car Initial: 17 No. 23

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products,LLC

(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $

to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per

(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:

$ and remit to:

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street City State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-002			
		Project Info: SGA			
		LD Comments:			
16	5898815	SETUP #2 MILL			
90	9525248	SGA 3 X 9 DECKING 24'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

SPECIAL INSTRUCTIONS:

40-22385

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.

SIGN HERE DATE 10/8/18

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.

(SIGN HERE) DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.

SIGN HERE DATE / / TIME A.M. P.M.

DRIVER Don Kasling NO

Permanent post-office address of shipper,

TRI 609-RF (R 10/93)

(This Bill of Lading is to be signed by the shipper

CARRIER COPY

CONTRACT TERMS AND CONDITIONS

Sec. 1 (a) The carrier or party in possession of any of the property herein described shall be liable as at common law for any loss thereof or damage thereto, except as hereinafter provided

(b) No carrier or party in possession of all or any of the property herein described shall be liable for any loss thereof or damage thereto or delay caused by the Act of God, the public enemy, the authority of law, or the act or default of the shipper or owner, or for natural shrinkage. The carrier's liability shall be that of warehouseman, only for loss, damage, or delay caused by fire occurring after the expiration of free time (if any) allowed by tariffs lawfully on file (such free time to be computed as therein provided) after notice of the arrival of the property at destination or at the port of export (if intended for export) has been duly sent or given, and after placement of the property for delivery at destination, or tender of delivery of the property to the party entitled to receive it, has been made. Except in case of negligence of the carrier or party in possession (and the burden to prove freedom from such negligence shall be on the carrier or party in possession), the carrier or party in possession shall not be liable for loss, damage, or delay occurring while the property is stopped and held in transit upon the request of the shipper, owner, or party entitled to make such request, or resulting from a defect or vice in the property, or for country damage to cotton, or from riots or strikes. Except in case of carrier's negligence, no carrier or party in possession of all or any of the property herein described shall be liable for delay caused by highway obstruction, faulty or impassable highway, or lack of capacity of any highway, bridge or ferry, and the burden to prove freedom from such negligence shall be on the carrier or party in possession.

(c) In case of quarantine the property may be discharged at risk and expense of owners into quarantine depot or elsewhere, as required by quarantine regulations or authorities, or for the carrier's dispatch at nearest available point in carrier's judgment, and in any such case carrier's responsibility shall cease when property is so discharged, or properly may be returned by carrier at owner's expense to shipping point, earning freight both ways. Quarantine expenses of whatever nature or kind upon or in respect to the property shall be borne by the owners of the property or be a lien thereon. The carrier shall not be liable for loss or damage occasioned by fumigation or disinfection or other acts required or done by quarantine regulations or authorities even though the same may have been done by carrier's officers, agents, or employees, nor for detention, loss, or damage of any kind occasioned by quarantine or the enforcement thereof. No carrier shall be liable, except in case of negligence, for any mistake or inaccuracy in any information furnished by the carrier, its agents, or officers, as to quarantine laws or regulations. The shipper shall hold the carriers harmless from any expense they may incur, or damages they may be required to pay, by reason of the introduction of the property covered by this contract into any place against the quarantine laws or regulations in effect at such place.

Sec. 2. (a) No carrier is bound to transport said property by any particular schedule, train, vehicle or vessel, or in any time for any particular market or otherwise than with reasonable dispatch. Every carrier shall have the right in case of physical necessity to forward said property by any carrier or route between the point of shipment and the point of destination. In all cases, not prohibited by law, where a lower value than actual value has been represented in writing by the shipper or has been agreed upon in writing as the released value of the property as determined by the classification of tariffs upon which the rate is based, such lower value plus freight charges if paid shall be the maximum amount to be recovered, whether or not such loss or damage occurs from negligence.

(b) As a condition precedent to recovery, claims must be filed in writing with the receiving or delivering carrier, or carrier issuing the bill of lading, or carrier on whose line the loss, damage, injury or delay occurred, or carrier in possession of the property when the loss, damage, injury or delay occurred, within nine months after delivery of the property (or, in case of export traffic, within nine months after delivery at port of export) or, in case of failure to make delivery, then within nine months after a reasonable time for delivery has elapsed; and suits shall be instituted against any carrier only within two years and one day from the date when notice in writing is given by the carrier to claimant that the carrier has disallowed the claim or any part or parts thereof specified in the notice. Where claims are not filed or suits are not instituted thereon in accordance with the foregoing provisions, no carrier hereunder shall be liable, and such claims will not be paid.

(c) Any carrier or party liable on account of loss of or damage to any of said property shall have the full benefit of any insurance that may have been effective upon or on account of said property, so far as this shall not avoid the policys or contracts of insurance. Provided, That the carrier reimburse the claimant for the premium paid thereon.

Sec. 3. Except where such service is required as the result of carrier's negligence, all property shall be subject to necessary cooperage and baling at owner's cost. Each carrier over whose route cotton or cotton linters is to be transported hereunder shall have the privilege, at its own cost and risk, of compressing the same for greater convenience in handling or forwarding, and shall not be held responsible for deviation or unavoidable delay in procuring such compression. Grain in bulk consigned to a point where there is a railroad, public or licensed elevator, may (unless otherwise expressly noted herein, and then if it is not promptly unloaded) be there delivered and placed with other grain of the same kind and grade without respect to ownership (and prompt notice thereof shall be given to the consignor), and if so delivered shall be subject to a lien for elevator charges in addition to all other charges hereunder.

Sec. 4. (a) Property not removed by the party entitled to receive it within the free time (if any) allowed by tariffs, lawfully on file (such free time to be computed as therein provided), after notice of the arrival of the property at destination or at the port of export (if intended for export) has been duly sent or given, and after placement of the property for delivery at destination has been made, or property not received, at the time (under of delivery of the property to the party entitled to receive it has been made, may be kept in vessel, vehicle, car, depot, warehouse or place of business of the carrier, subject to the tariff charge for storage and to carrier's responsibility as warehouseman, only, or at the option of the carrier, may be removed to and stored in a public or licensed warehouse at the point of delivery or other available point, or if no such warehouse is available at point of delivery or at other available point, then in other available storage facility, at the cost of the owner, and there held without liability on the part of the carrier, and subject to a lien for all freight and other lawful charges, including a reasonable charge for storage. In the event consignee cannot be found at address given for delivery, then in that event, notice of the placing of such goods in warehouse shall be mailed to the address given for delivery and mailed to any other address given on the bill of lading or notification, showing the warehouse in which such property has been placed, subject to the provisions of this paragraph.

(b) Where nonperishable property which has been transported to destination hereunder is refused by consignee or the party entitled to receive it upon tender of delivery, or said consignee or party entitled to receive it fails to receive or claim it within 15 days after notice of arrival shall have duly sent or given, the carrier may sell the same at public auction to the highest bidder at such place as may be designated by the carrier.

Provided, That the carrier shall have first mailed, sent, or given to the consignee notice that the property has been refused or remains unclaimed, as the case may be, and that it will be subject to sale under the terms of the bill of lading if disposition be not arranged for, and shall have published notice containing a description of the property, the name of the party to whom consigned, or, if shipped order notify, the name of the party to be notified, and the time and place of sale, once a week for two successive weeks, in a newspaper of general circulation at the place of sale or nearest place where such newspaper is published. Provided, That 30 days shall have elapsed before publication of notice of sale after said notice that the property was refused or remains unclaimed was mailed, sent, or given.

(c) Where perishable property which has been transported hereunder to destination is refused by consignee or party entitled to receive it, or said consignee or party entitled to receive it shall fail to receive it promptly, the carrier may in its discretion, to prevent deterioration or further deterioration, sell the same to the best advantage at private or public sale. Provided, That if time serves for notification to the consignor or owner of the refusal of the property or the failure to receive it and request for disposition of the property, such notification shall be given, in such manner as the exercise of due diligence requires, before the property is sold.

(d) Where the procedure provided for in the two paragraphs last preceding is not possible, it is agreed that nothing contained in said paragraphs shall be construed to abridge the right of the carrier at its option to sell the property under such circumstances and in such manner as may be authorized by law.

(e) The proceeds of any sale made under this section shall be applied by the carrier to the payment of freight, demurrage, storage, and any other lawful charges and the expense of notice, advertisement, sale, and other necessary expense and of caring for and maintaining the property; if proper care of same requires special expense, and should there be a balance it shall be paid to the owner of the property sold hereunder.

(f) Property destined to or taken from a station, wharf, landing or other place at which there is no regularly appointed freight agent shall be entirely at risk of owner after unloaded from cars, vehicles or vessels or until loaded into cars, vehicles or vessels and, except in case of carrier's negligence, when received from or delivered to such stations, wharfs, landings, or other places, shall be at owner's risk until the cars are attached to and after they are detached from locomotive or train or until loaded into and after unloaded from vessels, or if property is transported in motor vehicle trailers or semi-trailers until such trailers or semi-trailers are attached to and after they are detached from power units. Where a carrier is directed to unload or deliver property transported by motor vehicle at a particular location where consignee or consignee's agent is not regularly located, the risk after unloading, or delivery, shall be that of the owner.

Sec. 5. No carrier hereunder will carry or be liable in any way for any documents, specie, or for any articles of extraordinary value not specifically rated in the published classification or tariffs, unless a special agreement to do so and a stipulated value of the articles are endorsed hereon.

Sec. 6. Every party, whether principal or agent, shipping explosives or dangerous goods, without previous full written disclosure to the carrier of their nature, shall be liable for and indemnify the carrier against all loss or damage caused by such goods, and such goods may be warehoused at owner's risk and expense or destroyed without compensation.

Sec. 7. The owner or consignee shall pay the freight and average, if any, and all other lawful charges accruing on said property; but, except in those instances where it may lawfully be authorized to do so, no carrier shall deliver or relinquish possession at destination of the property covered by this bill of lading until all tariff rates and charges thereon have been paid. The consignor shall be liable for the freight and all other lawful charges, except that if the consignor stipulates, by signature, in the space provided for that purpose on the face of this bill of lading that the carrier shall not make delivery without receiving payment of such charges and the carrier, contrary to such stipulation, shall make delivery without requiring such payment, the consignor (except as hereinafter provided) shall not be liable for such charges. Provided, That, where the carrier has been instructed by the shipper or consignor to deliver said property to a consignee other than the shipper or consignor, such consignee shall not be legally liable for transportation charges in respect of the transportation of said property (beyond those billed against him at the time of delivery for which he is otherwise liable) which may be found to be due after the property has been delivered to him, if the consignee (a) is an agent only and has no beneficial title in said property and (b) prior to delivery of said property has notified the delivering carrier in writing of the fact of such agency and absence of beneficial title and, in the case of a shipment reconsigned or diverted to a point other than that specified in the original bill of lading, has also notified the delivering carrier in writing of the name and address of the beneficial owner of said property, and, in such cases the shipper or consignor or, in the case of a shipment so reconsigned or diverted, the beneficial owner shall be liable for such additional charges. If the consignee has given to the carrier erroneous information as to who the beneficial owner is, such consignee shall himself be liable for such additional charges. Nothing herein shall limit the right of the carrier to require at time of shipment the prepayment or guarantee of the charges. If upon inspection it is ascertained that the articles shipped are not those described in this bill of lading, the freight charges must be paid upon the articles actually shipped.

Sec. 8. If this bill of lading is issued on the order of the shipper, or his agent, in exchange or in substitution for another bill of lading, the shipper's signature to the prior bill of lading as to the statement of value or otherwise, or election of common law or bill of lading liability, in or in connection with such prior bill of lading, shall be considered a part of this bill of lading as fully as if the same were written or made in or in connection with this bill of lading.

Sec. 9. (a) If all or any part of said property is carried by water over any part of said route, such water carriage shall be performed subject to all the terms and provisions of, and all the exemptions from liability contained in, the Act of the Congress of the United States, approved on February 13, 1893, and entitled "An act relating to the navigation of vessels, etc." and of other statutes of the United States according carriers by water the protection of limited liability, and to the conditions contained in this bill of lading not inconsistent therewith or with this section.

(b) No such carrier by water shall be liable for any loss or damage resulting from any fire happening to or on board the vessel, or from explosion, bursting of boilers or breaking of shafts, unless caused by the design or neglect of such carrier.

(c) If the owner shall have exercised due diligence in making the vessel in all respects seaworthy and properly manned, equipped and supplied, no such carrier shall be liable for any loss or damage resulting from the perils of the lakes, seas, or other waters, or from latent defects in hull, machinery, or appurtenances whether existing prior to, at the time of, or after sailing, or from collision, stranding, or other accidents of navigation, or from prolongation of the voyage. And, when for any reason it is necessary, any vessel carrying any or all of the property herein described shall be at liberty to call at any port or ports, in or out of the customary route, to tow or to be towed, to transfer, trans-ship or lighten, to load and discharge goods at any time, to assist vessels in distress, to deviate for the purpose of saving life or property, and for docking and repairs. Except in case of negligence such carrier shall not be responsible for any loss or damage to property if it be necessary or is usual to carry the same upon deck.

(d) General Average shall be payable according to the York-Antwerp Rules of 1924, Section 1 to 15, inclusive, and Section 17 to 22 inclusive, and as to matters not covered thereby according to the laws and usages of the Port of New York. If the owners shall have exercised due diligence to make the vessel in all respects seaworthy and properly manned, equipped and supplied, it is hereby agreed that in case of danger, damage or disaster resulting from fault or errors in navigation, or in the management of the vessel, or from any latent or other defects in the vessel, her machinery or appurtenances, or from unseaworthiness, whether existing at the time of shipment or at the beginning of the voyage (provided the latent or other defects or the unseaworthiness was not discoverable by the exercise of due diligence), the shippers, consignees and/or owners of the cargo shall nevertheless pay salvage and any special charges incurred in respect to the cargo, and shall contribute with the shipowner in general average to the payment of any sacrifices, losses of expenses of a general average nature that may be made or incurred for the common benefit or to relieve the adventure from any common peril.

(e) If the property is being carried under a tariff which provides that any carrier or carriers party thereto shall be liable for loss from perils of the sea, then as to such carrier or carriers the provisions of this section shall be modified in accordance with the tariff provisions, which shall be regarded as incorporated into the conditions of this bill of lading.

(f) The terms "water carriage" in this section shall not be construed as including lighterage in or across rivers, harbors, or lakes, when performed by or on behalf of carriers other than water.

Sec. 10. Any alteration, addition, or erasure in this bill of lading which shall be made without the special notation hereon of the agent of the carrier issuing this bill of lading, shall be without effect and this bill of lading shall be enforceable according to its original tenor.

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22385

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Emerald Grove, OH 20, from Trinity Highway Products,LLC 13

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 1501656

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse or the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-19 Load No. 3-1

Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P 740-439-7349

Total Weight: 41,061 76

City: CAMBRIDGE State: OH Zip: 43725

Ship: 10/8/2018

Arrive: 10/8/18 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334 547529

Delivering Carrier: [illegible] Vehicle or Car Initial: 17 No. 23

Collect On Delivery:

$_____ and remit to: _____

_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No QMS-LG-003			
		Project Info 5GA			
		LD Comments			
16	5998816	SETUP #3 MILL			
90	9305248	5GA 3 X 9 DECKING 24'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

40-22385

Total Weight 53

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE _____ DATE _____

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE _____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE / / TIME A.M. P.M.

DRIVER Don Kasprig NO

Permanent post-office address of shipper,

TRI 609-RF (R 10/93)

(This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products , LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA

Order Number: 1301656 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-19
BOL Number: 22385 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 10/8/18

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
90	932524B	5GA 3 X 9 DECKING 24'-0"	A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
	932524B		A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING
STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 8th day of October, 2018 .

Notary Public:
Commission Expires: / /

Trinity Highway Products , LLC
Certified By: Shannon M. Pauli
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Sheffield, OH 20, from Trinity Highway Products LLC 13

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-12290

S/O No. 1301656

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLR2-10 Load No. 3-1

Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P 740-439-7449

Total Weight: 30,412 #4

Ship: 10/09/18

City: CAMBRIDGE State: OH Zip: 43725

Arrive: 10/10/18 5:00:00PM

Contact: ELVIN FARRELL Phone: 740-432-4134 547375

Delivering Carrier: Bay [illegible] Vehicle or Car Initial: [illegible] No. 2

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:

$_____ and remit to: _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Claim Policy No QMS-LG-002			
		Project Info. SGA			
		LD Comments.			
16	5908818	SETUP #3 MILL			
13	9315168	SGA 3 X 9 DECKING 16'-0"			
20	9315208	SGA 3 X 9 DECKING 20'-0"			
50	9315248	SGA 3 X 9 DECKING 24'-0"			
10	9315278	SGA 3 X 9 DECKING 360°			
		GL2			
		13			
		20			
		50			
		10			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		GL2			
		GL2			
		GL2			

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE _____ DATE 10/9/18

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE / / TIME A.M. P.M.

DRIVER Don Kehrig NO

Permanent post-office address of shipper,

TRI 609-RF (R 10/93)

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products , LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA

Order Number: 1301656 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-19
BOL Number: 22390 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 10/15/18

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
13	932516B	5GA 3 X 9 DECKING 16'-0"	A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	
	932516B		A-1011			C85548	62,300	73,000	29.4	0.040	0.550	0.010	0.004	0.030	0.013	0.038	0.070	0.001	
	932516B		A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
20	932520B	5GA 3 X 9 DECKING 20'-0"	A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
	932520B		A-1011			C85548	62,300	73,000	29.4	0.040	0.550	0.010	0.004	0.030	0.013	0.038	0.070	0.001	
	932520B		A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	
50	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	
	932524B		A-1011			C85548	62,300	73,000	29.4	0.040	0.550	0.010	0.004	0.030	0.013	0.038	0.070	0.001	
	932524B		A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
10	932527B	5GA 3 X 9 DECKING 26'0"	A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
	932527B		A-1011			C85548	62,300	73,000	29.4	0.040	0.550	0.010	0.004	0.030	0.013	0.038	0.070	0.001	
	932527B		A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.

Certified Analysis

Trinity Highway Products , LLC

950 State Street

BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP

Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA

Order Number: 1301656 Prod Ln Grp: 13-Custom Rollforming

Customer PO: STOCK-FLRZ-19

BOL Number: 22390 Ship Date:

Document #: 1

Shipped To: OH

Use State: OH

As of: 10/15/18

ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 15th day of October, 2018 .

Notary Public:
Commission Expires: / /

Trinity Highway Products , LLC
Certified By: Shannon M. Pauli
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22391

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Shelbiana, KY 20, 13 from Trinity Highway Products, LLC

Shipper's No.

S/O No. 1201630

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-19 Load No.: 4-1

Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P 740-439-7249 Total Weight: 36,975 77

City: CAMBRIDGE State: OH Zip: 43725

Ship: 10/10/2018

Arrive: 10/10/18 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334 547876

Delivering Carrier: Bills Towing Vehicle or Car Initial: 17 No. 31

Collect On Delivery:

$ and remit to:

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street City State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No QMS-LG-002			
		Project Info 5GA			
		LD Components			
	16	5998315 SETUP #2 MILL			
	117	932500B 5GA 3X9 DECKING X 10 RDM			
	36	932520B 5GA 3 X 9 DECKING 20'-0"			
	48	932524B 5GA 3 X 9 DECKING 24'-0"			
		17			
		36			
		48			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

CIAL INSTRUCTIONS: 40-22391

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 37,735

3

the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
e agreed or declared value of the property is hereby
ecifically stated by the shipper to be not exceeding per

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.

SIGN HERE [signature] DATE 10/11/18

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.

SIGN HERE) DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.

SIGN HERE / / A.M. / P.M. DATE TIME

DRIVER Don Kahrig NO

anent post-office address of shipper,

09-RF (R 10/93) (This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products , LLC
950 State Street
BrierHill Girard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA

Order Number: 1301656 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-19
BOL Number: 22391 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 10/15/18

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
34	932520B	5GA 3 X 9 DECKING 20'-0"	A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	
	932520B		A-1011			C85548	62,300	73,000	29.4	0.040	0.550	0.010	0.004	0.030	0.013	0.038	0.070	0.001	
	932520B		A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
48	932524B	5GA 3 X 9 DECKING 24'-0"	A-1018			4121417	62,700	71,000	32.0	0.070	0.540	0.009	0.013	0.010	0.040	0.030	0.050	0.001	
	932524B		A-1011			C85548	62,300	73,000	29.4	0.040	0.550	0.010	0.004	0.030	0.013	0.038	0.070	0.001	
	932524B		A-1011			4170778	61,900	71,000	31.0	0.070	0.530	0.008	0.012	0.010	0.030	0.001	0.040	0.001	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

Certified Analysis

Trinity Highway Products , LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA

Order Number: 1301656 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-19
BOL Number: 22391 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 10/15/18

State of Ohio, County of Trumbull. Sworn and subscribed before me this 15th day of October, 2018 .

Notary Public:
Commission Expires: / /

Trinity Highway Products , LLC
Certified By: Shannon M. Paulic
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

Shipper's No. 40-22501

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at Shermans Dale, OH 20, 13 from Trinity Highway Products, LLC

S/O No. 1297431

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
TRINITY HIGHWAY PRODUCTS, LLC
Trinity Highway Products, LLC
(Signature of Consignor)

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 26-1
Destination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP
MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7349
Total Weight: 41,822.00

City: CAMBRIDGE State: OH Zip: 43725
Ship: 4/18/2019
Arrive: 4/18/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334
559676
Delivering Carrier: Bills Downing Vehicle or Car Initial: 17 No. 31

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ _____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:
$ _____ and remit to: _____
Street _____ City _____ State _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No. QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON SGA 200 TON SGA			
		LD Comments:			
	15	932518B SGA 3X9 DECKING 18'-0"BD			
	20	932524B SGA 3 X 9 DECKING 24'-0"			
	50	932529B SGA 3 X 9 DECKING 29'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Mike Mesarchik 4-22-19			

SPECIAL INSTRUCTIONS: 40-22501

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN
SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE J Shannon by Paula DATE 4/18/19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) DATE

DESTINATION
CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE / / TIME A.M. P.M.
DRIVER Don Kahrig NO

Permanent post-office address of shipper,

TRI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

Shipper's No. 40-22501

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at East Liverpool, OH 20, 13 from Trinity Highway Products,LLC

S/O No. 1397431

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
TRINITY HIGHWAY PRODUCTS, LLC
Per Trinity Highway Products, LLC
(Signature of Consignor)

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 26-1
Destination: 301 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS Total Weight: 41,622.00
GO THE OHIO BRIDGE CORP P 740-439-7349
City: CAMBRIDGE State: OH Zip: 43725
Ship: 4/18/2019
Arrive: 4/18/19 5:00:00PM
Contact: ELVIN JARRELL Phone: 740-432-6334
Delivering Carrier: Bills Towing Vehicle or Car Initial: 17 No. 31

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier
Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:
$_____ and remit to: _____
Street _____ City _____ State _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.	No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No. QMS-LGI-003									
		Project Info: STOCK-FLRZ-18 75 TON SGA 300 TON SGA									
		LD Comments:									
	16	933518B SGA 3X9 DECKING 18'-0"BD									
	20	933524B SGA 3 X 9 DECKING 24'-0"									
	50	933539B SGA 3 X 9 DECKING 39'-0"									

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHill Girard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22501 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/18/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
15	932518B	5GA 3X9 DECKING 18'-0"BD	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
20	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
50	932529B	5GA 3 X 9 DECKING 29'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 18th day of April, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Paulic
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at Brier Hill Girard, OH 20__ from Trinity Highway Products, LLC 13
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22498

S/O No. 1297431

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK FLRZ-18 Load No. 24-1
Destination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP
MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7349
Total Weight: 41,061.60

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/12/2019

Arrive: 4/12/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334

559506 TRL 486

Delivering Carrier: BILLS TOWING Vehicle or Car Initial: 17 No.

Collect On Delivery:
$_____ and remit to: _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

_____ Street _____ City _____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No. QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA			
		LD Comments:			
90		932524B 5GA 3 X 9 DECKING 24'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

4-24-19

40-22498

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Mike Mesarchik

Total Weight 2

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby _____ per _____
specifically stated by the shipper to be not exceeding

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE M. Wood DATE 4-23-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE _____

DESTINATION
CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE / / TIME A.M. P.M.

DRIVER Don Kahrig NO

Permanent post-office address of shipper, _____

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at SmithGirard, OH 20, ____ from Trinity Highway Products,LLC 13

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22498

S/O No. 1077431

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products,LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per ____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 24-1
Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS Total Weight: 41,981.00
C/O THE OHIO BRIDGE CORP P 740-439-7349

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/23/2019

Arrive: 4/1/2019 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-432-6334 559506 TRL

Delivering Carrier: Bills Tr. Inc Vehicle or Car Initial: 17 No. 480

Collect On Delivery:
$____ and remit to: ____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street ____ City ____ State ____

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-001			
		Project Info: STOCK FLRZ-18 75 TON 3GA 300 TON 5GA			
		LD Comments:			
96	936248	5GA 3 X 9 DECKING 24'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

4-24-19

40-22498

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Mike Mancuso

Total Weight 3

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby ____ per ____
specifically stated by the shipper to be not exceeding ____

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE M. Mancuso DATE 4/23/19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) ____ DATE ____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE ____ DATE ____ TIME ____ A.M. P.M.

DRIVER Don Kahrig NO ____

Permanent post-office address of shipper, ____

309-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22498 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/16/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
90	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			229507	61,830	68,300	33.4	0.040	0.580	0.010	0.004	0.020	0.090	0.019	0.060	0.001	
	932524B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.017	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 16th day of April, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Pauli
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. 40-22506

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading: Carrier Trinity Highway Products, LLC 13

at _____ 20, _____ from _____

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

S/O No. 1397431

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse or the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC
Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier
Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No. 1-1
Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS
C/O THE OHIO BRIDGE CORP P:740-439-7349 Total Weight: 26,910.41

City: CAMBRIDGE State: OH Zip: 43725 Ship: 4/25/2019
Arrive: 4/25/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334 560030

Delivering Carrier: BILLS TOWING Vehicle or Car Initial: 17 No. Q55392

Collect On Delivery: _____ and remit to: _____
C.O.D. charge to be paid by Shipper ☐ Consignee ☐
Street _____ City _____ State _____

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No. QMS-LG-002.			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA.			
		LD Comments:			
61	932300B	3GA 3X9 DECKING X 1'0 RDM			
40	932340B	3GA 3 X 9 DECKING 28' 6"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

40-22506

Mele Mesaudet 4-26-19

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby _____ per _____
specifically stated by the shipper to be not exceeding _____

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE M. Wood DATE 4-25-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) _____ DATE _____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE _____ DATE ___/___/___ TIME A.M. P.M.

DRIVER Don Kahrig NO

Permanent post-office address of shipper, _____

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22506

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at [illegible] 20, ____ from Trinity Highway Products,LLC 13

Shipper's No.

S/O No. 137431

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per ____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-18 Load No.: 1-1

Destination: 301 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P:740-439-7349 Total Weight: 26,910 41

City: CAMBRIDGE State: OH Zip: 43725

Ship: 4/25/2019

Arrive: 4/25/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334 560036

Delivering Carrier: Bills Towing Vehicle or Car Initial: TT No. 022392

Collect On Delivery:

$____ and remit to: ____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

____ Street ____ City ____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No QMS-LG-002			
		Project Info: STOCK-FLRZ-18 75 TON 3GA 300 TON 5GA			
		ID Comments			
61		932300B 3GA 3X9 DECKING X 10 RDM			
40		932340B 3GA 3 X 9 DECKING 28' 6"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Mike Meredith 4-26-19			
		40-22506			

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby ____ per ____
specifically stated by the shipper to be not exceeding

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE T T Wood DATE 4/25/19

AGENT OR CARRIER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) ____ DATE ____

DESTINATION — CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE ____ DATE ____ TIME ____ A.M. / P.M.

DRIVER Don Kahrig NO ____

Permanent post-office address of shipper, ____

09-BF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: STOCK-FLRZ-18 75 TON 3GA 200 TON 5GA

Order Number: 1297431 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-18
BOL Number: 22506 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 4/24/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
40	932340B	3GA 3 X 9 DECKING 28' 6"	A-1011			229509	61,820	68,680	32.1	0.040	0.570	0.010	0.004	0.020	0.100	0.019	0.060	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 24th day of April, 2019 .

Notary Public:
Commission Expires / /

Trinity Highway Products LLC
Certified By: Shannon M. Paul
Quality Assurance

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22559

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading, Trinity Highway Products,LLC 13

at _____ 20, _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 1309173

Consigned to: THE OHIO BRIDGE CORP

Destination: 301 WHEELING AVE

C/O THE OHIO BRIDGE CORP

Cust. P.O. STOCK-FLRZ-20 Load No.: 23-1

MAX WEIGHT OF LOAD 42,000LBS

P:740-439-7249

Total Weight: 41,061.77

City: CAMBRIDGE State: OH Zip: 43725

Ship: 9/12/2019

Arrive: 9/12/19 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-432-6334

569988

Delivering Carrier: BENNET Vehicle or Car Initial: 1974 No. 1974A

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products,LLC

(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____

(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:

$_____ and remit to: _____

_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-002.			
		Project Info: 5GA BRIDGE DECKING			
		LD Comments:			
17	599881S	SETUP #2 MILL			
90	932524B	5GA 3 X 9 DECKING 24'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

ECIAL INSTRUCTIONS:

40-22559

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

f the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
he agreed or declared value of the property is hereby
pecifically stated by the shipper to be not exceeding per

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.

SIGN HERE [signature] DATE 9-23-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.

(SIGN HERE) _____ DATE _____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.

SIGN HERE _____ DATE _____ TIME _____ A.M. / P.M.

DRIVER [signature] NO _____

nanent post-office address of shipper,

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-225539

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading:

at _____ 20, _____ from _____

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 1369173

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-20 Load No.: 23-1

Destination: 201 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P.740-432-7349 Total Weight: 41,051 77

City: CAMBRIDGE State: OH Zip: 43725

Ship: 9/12/2019

Arrive: 9/13/19 8:00 AM

Contact: ELVIN JARRELL Phone: 740-432-6334 969989

Delivering Carrier: Bennet Vehicle or Car Initial: 1924 No. 1924A

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:

$_____ and remit to: _____

_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Claim Policy No. QMS-LCG-003			
		Project Info: SGA BRIDGE DECKING			
		PO Comments:			
	17	990881S SETUP #2 MILL			
	99	952524B SGA 1 X 9 DECKING 34'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

40-225539

L INSTRUCTIONS:

HIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
'E - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
reed or declared value of the property is hereby
cally stated by the shipper to be not exceeding per

PPER / AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
DATE 9-23-19

N HERE / ENT OR VER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
DATE

N HERE)

nt post-office address of shipper.

RF (R 10/93)

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
DATE / / TIME A.M. P.M. 9-24-19

SIGN HERE

DRIVER Marshall Wise

NO

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA BRIDGE DECKING

Order Number: 1309173 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-20
BOL Number: 22559 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 9/11/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
90	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			243136	65,190	70,080	33.4	0.050	0.570	0.011	0.004	0.020	0.100	0.000	0.050	0.000	
	932524B		A-1011			243137	63,770	69,800	32.7	0.040	0.580	0.012	0.003	0.030	0.100	0.000	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

State of Ohio, County of Trumbull. Sworn and subscribed before me this 11st day of September, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Paulic
Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22560

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Ellenwood, GA 20, from Trinity Highway Products,LLC 13

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 1309173

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-20 Load No. 26-1

Destination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP

MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7349

Total Weight: 20,530.94

City: CAMBRIDGE State: OH Zip: 43725

Ship: 9/12/2019

Arrive: 9/12/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6334 569989

Delivering Carrier: BESC Vehicle or Car Initial: CM5605 No. C

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products,LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:

$ and remit to:

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street City State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products, LLC Storage Stain Policy No. QMS-LG-002			
		Project Info: 5GA BRIDGE DECKING			
		LD Comments:			
14	5998818	SETUP #3 MILL			
10	932524B	5GA 3 X 9 DECKING 24'-0"			
30	932538B	5GA 3 X 9 DECKING 28'-0"			

40-22560

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE J.D. Wood DATE 9-12-19

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE 9-12-19 TIME A.M. P.M.

CONSIGNEE OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) DATE

DESTINATION DRIVER NO

Permanent post-office address of shipper,

9-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

This Memorandum

is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

40-22560

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,

at Richmond, OH 20, from TRINITY HIGHWAY PRODUCTS,LLC 13

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No.

S/O No. 1389173

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ 30 Load No.: 26-1

Destination: 301 WHEELING AVE MAX WEIGHT OF LOAD 42,000LBS

C/O THE OHIO BRIDGE CORP P:740-439-7349

Total Weight: 20,330 94

City: CAMBRIDGE State: OH Zip: 43725

Ship: 9/12/2019

Arrive: 9/13/19 5:00:00PM

Contact: ELVIN JARRELL Phone: 740-432-6324 369989

Delivering Carrier: BEST Vehicle or Car Initial: CMSC No. C

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products,LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:

$_____ and remit to: _____

Street _____ City _____ State _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No QMS-LG-002			
		Project Info: SGA BRIDGE DECKING			
		I D Comments:			
14	5999818	SETUP #2 MILL			
10	933524B	SGA 3 X 9 DECKING 24'-0"			
30	933538B	SGA 3 X 9 DECKING 38'-0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.

40-22560

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby _____ per _____
specifically stated by the shipper to be not exceeding _____

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.

SIGN HERE _____ DATE 9-23-19

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.

SIGN HERE _____ DATE 9-23-19 TIME A.M. / P.M.

DESTINATION

CONSIGNEE OR AGENT — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.

SIGN HERE _____ DATE _____

DRIVER _____ NO _____

Permanent post-office address of shipper, _____

Mike Maverick 9-24-19

BOL-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC

950 State Street

BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP

Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA BRIDGE DECKING

Order Number: 1309173 Prod Ln Grp: 13-Custom Rollforming

Customer PO: STOCK-FLRZ-20

As of: 9/11/19

BOL Number: 22560 Ship Date:

Document #: 1

Shipped To: OH

Use State: OH

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
10	932524B	5GA 3 X 9 DECKING 24'-0"	A-1011			243136	65,190	70,080	33.4	0.050	0.570	0.011	0.004	0.020	0.100	0.000	0.050	0.000	
	932524B		A-1011			243137	63,770	69,800	32.7	0.040	0.580	0.012	0.003	0.030	0.100	0.000	0.050	0.000	
30	932528B	5GA 3 X 9 DECKING 28'-0"	A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.000	0.050	0.000	
	932528B		A-1011			243137	63,770	69,800	32.7	0.040	0.580	0.012	0.003	0.030	0.100	0.000	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

Certified Analysis

Trinity Highway Products LLC

950 State Street

BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP

Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA BRIDGE DECKING

Order Number: 1309173 Prod Ln Grp: 13-Custom Rollforming

Customer PO: STOCK-FLRZ-20

As of: 9/11/19

BOL Number: 22560 Ship Date:

Document #: 1

Shipped To: OH

Use State: OH

State of Ohio, County of Trumbull. Sworn and subscribed before me this 11st day of September, 2019 .

Notary Public:

Commission Expires: / /

Trinity Highway Products LLC

Certified By: Shannon M. Pauli

Quality Assurance

This Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

RECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
at BrierHill Girard, OH 20, 13 from Trinity Highway Products,LLC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22556

S/O No. 1569173

Consigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-20 Load No. 21-1

Destination: 201 WHEELING AVE
C/O THE OHIO BRIDGE CORP
MAX WEIGHT OF LOAD 42,000LBS
P:740-439-7349
Total Weight: 40,225.64

City: CAMBRIDGE State: OH Zip: 43725

Ship: 9/11/2019

Arrive: 9/11/19 8:00:00AM

Contact: ELVIN JARRELL Phone: 740-432-6334

569950

Delivering Carrier: BOWERS Vehicle or Car Initial: 1974 No. 1974A

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TRINITY HIGHWAY PRODUCTS, LLC

Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ _____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)

Charges advanced:

Collect On Delivery:
$ _____ and remit to: _____

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

Street _____ City _____ State _____

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-002.			
		Project Info: 5GA BRIDGE DECKING			
		LD Comments:			
15	599681S	SETUP #3 MILL			
16	932516B	5GA 3 X 9 DECKING 16'-0"			
63	932528B	5GA 3 X 9 DECKING 28'-0"			
3	932532B	5GA 3 X 9 DECKING 32' 0"			

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Walter Meredith 9-11-19			

40-22556

SPECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

ORIGIN

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE T. M. Wood DATE 9-11-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE / / A.M. / P.M. TIME

DRIVER Walter Meredith NO

Permanent post-office address of shipper,

TRI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

his Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

ECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
t Briarhill/Girard, OH 20, from Trinity Highway Products,LLC 13
property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood oughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to stination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, luding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22556

S/O No. 1309173

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
TRINITY HIGHWAY PRODUCTS, LLC
Per Trinity Highway Products, LLC
(Signature of Consignor)

onsigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-ELBZ-30 Load No. 21-1
estination: 201 WHEELING AVE MAX WEIGHT OF LOAD 43,000LBS Total Weight: 40,325.64
C/O THE OHIO BRIDGE CORP P. 740-439-7340

ity: CAMBRIDGE State: OH Zip: 43725

Ship: 9/11/2013

Arrive: 9/11/13 8:00:00AM

ontact: ELVIN JARRELL Phone: 740-432-6334 569950

elivering Carrier: [illegible] Vehicle or Car Initial: [illegible] No. [illegible]

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $_____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:
_____ and remit to: _____
_____ Street _____ City _____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.	No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-002.									
		Project Info: 5GA BRIDGE DECKING									
		LD Comments:									
	15	5098S1S SETUP #2 MILL									
	16	932516B 5GA 3 X 9 DECKING 16'-0"									
	53	932528B 5GA 3 X 9 DECKING 28'-0"									
	3	932532B 5GA 3 X 9 DECKING 32'-0"									

PECIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Mike Maudlin 9.11.13

Total Weight 3

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby
specifically stated by the shipper to be not exceeding per

SHIPPER OR AGENT	I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.	DESTINATION CONSIGNEE OR AGENT	Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE	[illegible] DATE 9.11.13	SIGN HERE	DATE / / TIME A.M. P.M.
AGENT OR DRIVER	This shipment received subject to exceptions as noted and according to the terms and conditions hereof.	DRIVER	[illegible]
(SIGN HERE)	DATE		NO

ermanent post-office address of shipper,

RI 609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.) CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373
Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA BRIDGE DECKING

Order Number: 1309173 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-20
BOL Number: 22556 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 9/11/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
16	932516B	5GA 3 X 9 DECKING 16'-0"	A-1011			243137	63,770	69,800	32.7	0.040	0.580	0.012	0.003	0.030	0.100	0.000	0.050	0.000	
63	932528B	5GA 3 X 9 DECKING 28'-0"	A-1011			243137	63,770	69,800	32.7	0.040	0.580	0.012	0.003	0.030	0.100	0.000	0.050	0.000	
	932528B		A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.000	0.050	0.000	
3	932532B	5GA 3 X 9 DECKING 32' 0"	A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.000	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED
BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

Certified Analysis

Trinity Highway Products LLC

950 State Street

BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP

Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA BRIDGE DECKING

Order Number: 1309173 Prod Ln Grp: 13-Custom Rollforming

Customer PO: STOCK-FLRZ-20

BOL Number: 22556 Ship Date:

Document #: 1

Shipped To: OH

Use State: OH

As of: 9/11/19

State of Ohio, County of Trumbull. Sworn and subscribed before me this 11st day of September, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Paul
Quality Assurance

his Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

ECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
t BrierHillGirard, OH 20, ____ from Trinity Highway Products,LLC 13
e property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood oughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to stination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, cluding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22554

S/O No. 1309173

onsigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-FLRZ-20 Load No. 20-1
estination: 201 WHEELING AVE MAX WEIGHT OF LOAD 43,000LBS Total Weight: 41,444.24
C/O THE OHIO BRIDGE CORP P:740-439-7349

ity: CAMBRIDGE State: OH Zip: 43725

Ship: 9/10/2019

Arrive: 9/10/19 8:00:00AM

ontact: ELVIN JARRELL Phone: 740-432-6334 569843 21

elivering Carrier: BENNET TRANSPORT Vehicle or Car Initial: 1974 No. 1979

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
TRINITY HIGHWAY PRODUCTS, LLC
Per Trinity Highway Products, LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $ ____ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier
Per ____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:
$ ____ and remit to: ____
Street ____ City ____ State

C.O.D. charge to be paid by Shipper ☐ Consignee ☐

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.	No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stain Policy No. QMS-LG-002.									
		Project Info: SGA BRIDGE DECKING									
		L.D Comments:									
	18	599881S SETUP#2 MILL									
	10	932516B SGA 3 X 9 DECKING 16'-0"									
	64	932518B SGA 3X9 DECKING 18'-0"BD									
	20	932532B SGA 3 X 9 DECKING 32' 0"									
	12	932548B SGA 3 X 9 DECKING 19'-0"									

40-22554

CIAL INSTRUCTIONS:

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 2

the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
e agreed or declared value of the property is hereby ____ per ____
ecifically stated by the shipper to be not exceeding

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE [signature] DATE 9-10-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) DATE

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE DATE / / TIME A.M. P.M.

DRIVER [signature] NO

anent post-office address of shipper, ____

309-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CARRIER COPY

his Memorandum is an acknowledgement that a Bill of Lading has been issued and is not the original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier

ECEIVED, subject to the classifications and tariffs in effect on the date of receipt by the carrier of the property described in the Original Bill of Lading,
t Briarhill/Girard, OH 20, ____ from Trinity Highway Products,LLC 13
e property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood oughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to stination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, cluding the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Shipper's No. 40-22554

S/O No. 1309173

onsigned to: THE OHIO BRIDGE CORP Cust. P.O. STOCK-PLAZ-10 Load No. 20-1
estination: 301 WHEELING AVE MAX WEIGHT OF LOAD 43,000LBS Total Weight: 41,444.24
C/O THE OHIO BRIDGE CORP P.740-439-7349

Ship: 9/10/2019

ity: CAMBRIDGE State: OH Zip: 43725

Arrive: 9/16/19 8:00:00AM

ontact: ELVIN JARRELL Phone: 740-432-6334 560943 21

elivering Carrier: Bruce Transport Vehicle or Car Initial: TPTX No. 7777

Subject to Section 7 of Conditions of applicable Bill of Lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
TRINITY HIGHWAY PRODUCTS, LLC
Per Trinity Highway Products LLC
(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received $____
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier
Per ____
(The signature here acknowledges only the amount prepaid.)
Charges advanced:

Collect On Delivery:
____ and remit to: ____
C.O.D. charge to be paid by Shipper ☐ Consignee ☐
____ Street ____ City ____ State

No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.	No. Pkgs.	Piece Count	Description of Articles	*Wt.	Class or Rate	✓ Col.
		Upon delivery, all materials subject to Trinity Highway Products,LLC Storage Stan Policy No QMS-LG-002.									
		Project Info: 5GA BRIDGE DECKING									
		LD Comments:									
18	5998818	SETUP #2 MILL									
10	932516B	5GA 3 X 9 DECKING 16'-9"									
64	932518B	5GA 3X9 DECKING 18'-0"BD									
20	932532B	5GA 3 X 9 DECKING 32' 0"									
12	932548B	5GA 3 X 9 DECKING 19'-9"									

ECIAL INSTRUCTIONS: 40-22554

SHIPPER LOAD - CONSIGNEE UNLOAD

Total Weight 3

f the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
he agreed or declared value of the property is hereby ____ per ____
ecifically stated by the shipper to be not exceeding

SHIPPER OR AGENT — I hereby authorize this shipment and make the declaration of values (if any) and agree to the contract terms and conditions hereof.
SIGN HERE [signature] DATE 9-10-19

AGENT OR DRIVER — This shipment received subject to exceptions as noted and according to the terms and conditions hereof.
(SIGN HERE) ____ DATE ____

DESTINATION

CONSIGNEE OR AGENT — Received the above described property in good condition except as noted on the back hereof and agree to the foregoing contract terms and conditions.
SIGN HERE ____ DATE / / TIME A.M. P.M.

DRIVER [signature] NO

manent post-office address of shipper,

609-RF (R 10/93) (This Bill of Lading is to be signed by the shipper

CONSIGNEE/CUSTOMER COPY

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA BRIDGE DECKING

Order Number: 1309173 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-20
BOL Number: 22554 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 9/10/19

Qty	Part #	Description	Spec	CL	TY	Heat Code/ Heat	Yield	TS	Elg	C	Mn	P	S	Si	Cu	Cb	Cr	Vn	ACW
10	932516B	5GA 3 X 9 DECKING 16'-0"	A-1011			243137	63,770	69,800	32.7	0.040	0.580	0.012	0.003	0.030	0.100	0.000	0.050	0.000	
64	932518B	5GA 3X9 DECKING 18'-0"BD	A-1011			243137	63,770	69,800	32.7	0.040	0.580	0.012	0.003	0.030	0.100	0.000	0.050	0.000	
20	932532B	5GA 3 X 9 DECKING 32' 0"	A-1011			229508	62,570	69,430	31.3	0.050	0.580	0.012	0.003	0.020	0.100	0.000	0.050	0.000	
12	932548B	5GA 3 X 9 DECKING 19'-0"	A-1011			243137	63,770	69,800	32.7	0.040	0.580	0.012	0.003	0.030	0.100	0.000	0.050	0.000	

Upon delivery, all materials subject to Trinity Highway Products , LLC Storage Stain Policy QMS-LG-002.

ALL STEEL USED WAS MELTED AND MANUFACTURED IN USA AND COMPLIES WITH THE BUY AMERICA ACT, 23 CFR 635.410.
ALL GUARDRAIL MEETS AASHTO M-180, ALL STRUCTURAL STEEL MEETS ASTM A36 UNLESS OTHERWISE STATED.

ALL COATINGS PROCESSES OF THE STEEL OR IRON ARE PERFORMED IN USA AND COMPLIES WITH THE "BUY AMERICA ACT", 23 CFR 635.410.
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 (US DOMESTIC SHIPMENTS)
ALL GALVANIZED MATERIAL CONFORMS WITH ASTM A-123 & ISO 1461 (INTERNATIONAL SHIPMENTS)

FINISHED GOOD PART NUMBERS ENDING IN SUFFIX B,P, OR S, ARE UNCOATED

BOLTS COMPLY WITH ASTM A-307 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.

NUTS COMPLY WITH ASTM A-563 SPECIFICATIONS AND ARE GALVANIZED IN ACCORDANCE WITH ASTM A-153, UNLESS OTHERWISE STATED.
WASHERS COMPLY WITH ASTM F-436 SPECIFICATION AND/OR F-844 AND ARE GALVANIZED IN ACCORDANCE WITH ASTM F-2329, UNLESS OTHERWISE STATED.
3/4" DIA CABLE 6X19 ZINC COATED SWAGED END AISI C-1035 STEEL ANNEALED STUD 1" DIA ASTM 449 AASHTO M30, TYPE II BREAKING STRENGTH – 46000 LB

Certified Analysis

Trinity Highway Products LLC
950 State Street
BrierHillGirard, OH 44420 Phn:(330) 545-4373

Customer: THE OHIO BRIDGE CORP
Dba US BRIDGE
PO BOX 757

CAMBRIDGE, OH 43725-0757

Project: 5GA BRIDGE DECKING

Order Number: 1309173 Prod Ln Grp: 13-Custom Rollforming
Customer PO: STOCK-FLRZ-20
BOL Number: 22554 Ship Date:
Document #: 1
Shipped To: OH
Use State: OH

As of: 9/10/19

State of Ohio, County of Trumbull. Sworn and subscribed before me this 10th day of September, 2019 .

Notary Public:
Commission Expires: / /

Trinity Highway Products LLC
Certified By: Shannon M. Pauli
Quality Assurance

Pick Instruction
Ziegler Bolt & Parts Co.
ZIEGLER BOLT - CANTON

Order No. **1231737**
Pick Location **1**

Date Generated: **7/19/2017 10:48 AM**
Page: **1 of 1**
Generated By: **ZIEGLERBOLT\CPURSES**

Sold To: 13100
SUPERIOR STEEL
P.O. BOX 757

CAMBRIDGE OH 43725

STOCK

Ship To: SUPERIOR STEEL
203 WHEELING AVE.

CAMBRIDGE OH 43725

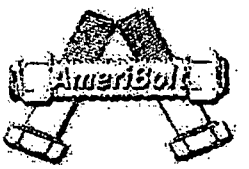
Outside Salesperson	Inside Salesperson	Shipping Agent	Shipping Service	Shipment Date	Shipment Method	Payment Method	Customer PO
Construction	Chris Purses	Ziegler Delivery	Service Rep	8/3/2017	PPD	Check	STOCK-H-217

	Item No.	Description	P	B	O	Qty to Pick		Qty Picked	Qty B/O	Pkgs	Box Qty	Qty on Hand
		DOMESTIC CERTS REQUIRED WITH ROCAPS										
1		SHIP ASAP!!!										
2		DOMESTIC CERTS REQUIRED										
3	37N162N262BUT0H/A36	3/8-16 X 1-5/8 X 2-5/8 U-BOLT HDG W/PLATE WASHER Lot # 90486 Country USA				**100**	EA	100				10
4	37CNFA0H/DOM	3/8-16 A563A FINISHED HEX NUT DOMESTIC GALVANIZED Lot # OMC17-15-002 Country USA				**200**	EA	200				413

1 Keg

Picked By EB, Date 8-7-17, Q.C. _____

FEB 1 1 2011



MATERIAL TEST REPORT

PO# 16058100 **SO#** 66026

Item: 3/8-16 X 2-5/8 X 1-3/8 RT 1 1/4 RD U-BOLT			
Material Specification: ASTM A36			
LOT#:	90480 Melted & manufactured in the USA		
Heat Number:	90455		
Tensile Strength KSI:	N/A	Yield Strength KSI:	N/A
Elongation:	N/A	Reduction of Area:	N/A
Hardness:	N/A		
Macro Etch:	N/A	Tempering Temp:	N/A

Carbon (C):	0.04	Chromium (CR):	0.11
Manganese (MN):	0.38	Molybdenum (MO):	0.024
Phosphorus (P):	0.012	Copper (CU):	0.22
Sulfur (S):	0.02	Nitrogen (N):	0
Silicon (SI):	0.1	Nickel (NI):	0.09
Cobalt (CO):	0	Aluminum (AL):	0.002
Vanadium (V):	0.002	Tin (SN):	0.009
Tungsten (W):	0	Titanium (TI):	0
Columbium/Niobium (NB/CB):	0.002	Boron (B):	0
Calcium (CA):	0	Iron (FE):	0
Magnesium (MG):	0	Zinc (ZN):	0

We hereby certify that the foregoing data was furnished us by our supplier or resulting from a test performed in a recognized laboratory and are on file in the records of the corporation.

Lori Walker

Sent bolts for HDG coating.

415 East Fort Williams Street, Sylacauga, AL 35150. Phone (256) 249-6079. Fax (256) 249-8011

37N162N262 BUTOH /A36

Vulcan Threaded Products
10 Cross Creek Trail
Pelham, AL 35124
Tel (205) 620-5100
Fax (205) 620-5150

Material Certification

3/8
UB36-038x0263

Customer: CFAST
Ship To: Customer Main
Customer PO No: 2823
Vulcan Order No: 80516
Order Line: 1
Vulcan Part No: DSC .330x144
Customer Part No: DSC .330x144
Shipped Qty: 4400
Heat: 90486
Grade: Low Carbon Steel
Country of Origin: USA
Note:

Material Specification Type	Material Specification	Actual
Chemistry	24 Hr Hardness	0 bhn
	Carbon (C)	.04 %
	Manganese (Mn)	.38 %
	Phosphorus (P)	.012 %
	Sulfur (S)	.020 %
	Silicon (Si)	.10 %
	Chromium (Cr)	.11 %
	Molybdenum (Mo)	.024 %
	Nickel (Ni)	.09 %
	Vanadium (V)	.0020 %
	Copper (Cu)	.22 %
	Aluminum (Al)	.0020 %
	Tin (Sn)	.0090 %
	Titanium (Ti)	0 %
	Columbium/Niobium (Nb)	.0020 %
	Range Ni+Cr+Mo	0 %
	Reduction Ratio	0

This document certifies that the foregoing data is a true copy of the data furnished by the producing mill and test lab.

KE 7-13-10

20484

FEB 1 1 2011

TENNESSEE GALVANIZING®
P O BOX 609
JASPER, TN 37347

SHIPPING ADDRESS:
1535 INDUSTRIAL BLVD.
JASPER, TN 37347

October 6, 2010

GALVANIZING CERTIFICATION:

WE HEREBY CERTIFY THAT ALL MATERIAL GALVANIZED AT TENNESSEE GALVANIZING HAS BEEN GALVANIZED IN ACCORDANCE WITH THE SPECIFICATIONS AS SET FORTH BY ASTM-A-153A 153M-09 AND OR ASTM 123/A 123M-09. WE FURTHER CERTIFY THAT FASTENERS WE GALVANIZE COMPLY WITH THE COATING, WORKMANSHIP, FINISH AND APPEARANCE REQUIREMENTS OF ASTM F2329-09.
FINAL INSPECTION HAS BEEN MADE AND MATERIALS MEET ALL REQUIREMENTS.

CUSTOMER NAME: AMERIBOLT, INC
33123 HWY 280
CHILDERSBURG, AL 35044

CUSTOMER'S PURCHASE ORDER #: 160881CO

David S Ware

DAVID S. WARE, PRESIDENT/CEO

James Walden

JAMES WALDEN, TENNESSEE NOTARY PUBLIC
MY COMMISSION EXPIRES: 09-10-11

JAMES WALDEN
STATE OF TENNESSEE NOTARY PUBLIC
MARION COUNTY

DECKER
SINCE 1927 www.deckernut.com

DECKER MANUFACTURING CORPORATION
703 N. Clark Street
Albion, Michigan 49224
P: 517.629.3955 • F: 517.629.3535

Printed: 7/26/2017 10:11:42 AM
July 26, 2017

ZIEGLER BOLT & PARTS CO
4848 CORPORATE STREET SW
CANTON, OH 44706

PRODUCT MATERIAL CERTIFICATION

CUSTOMER PART NUMBER : 37CNFA0HDO
CUSTOMER P.O. NUMBER : 16158515

INVOICE: 137732

LOT NUMBER: 17-15-002
DATE: Mar 03, 2017
HEAT NUMBER: 20489780
MATERIAL: STEEL - C1010

DESCRIPTION: 3/8-16 HX NUT DC 017
QUANTITY: 50,000
MATERIAL SUPPLIER: CHARTER STEEL

We certify the product above was manufactured at DECKER MANUFACTURING CORPORATION from the specified raw material and that said product is certified to be manufactured, randomly sampled, tested and/or inspected and conforms to applicable specifications. We additionally certify that said raw material was domestically manufactured in the United States of America and that said raw material was manufactured free of mercury contamination.

The items were processed under the Decker Quality Manual. The current revision is dated January 12, 2005
No welding was performed.

This document accurately represents values and statements provided by our suppliers accredited testing facility. The original metallurgical test report shall be retained on file by DECKER MANUFACTURING CORPORATION for a period of not less than (10) years.

CHEMICAL ANALYSIS BY MATERIAL SUPPLIER

CARBON : 0.090
MANGANESE : 0.350
PHOSPHOROUS : 0.006
SULFUR : 0.002

DECKER MANUFACTURING CORPORATION

Russel L. Wilson
Quality Assurance Manager

The above results pertain only to the items tested. This report shall not be reproduced except in full without the approval of this testing facility.

DECKER

SINCE 1927 www.deckernut.com

DECKER MANUFACTURING CORPORATION
703 N. Clark Street
Albion, Michigan 49224
P: 517.629.3955 • F: 517.629.3535

90

LABORATORY AND TESTING FACILITY
Reaffirmed to be in compliance to current Rev Level. Form 8.0
ORIGINAL LABORATORY AND/OR INSPECTION REPORT
THIS IS A LEGAL DOCUMENT

NAME AND ADDRESS OF CLIENT: _____ DATE OF MANUFACTURE: 4-4-17

PAGE 1 OF 2

LAB FILE ID NUMBER/LOT NUMBER: 17-15002

DMC PART NUMBER #: 026-0616

ITEM DESCRIPTION: 5/8 X 16 2B HEX NUT 4.017

GRADE ID MARK AND INSIGNIA: DMC

NAME (S) OF PERSON (S) SAMPLING R. LLOYD SAMPLING

PROCEDURES ARE UNDER THE SUPERVISION OF DECKER MANUFACTURING CORPORATION'S QUALITY DEPARTMENT.

PRODUCTION LOT SIZE: <200M SUITABILITY/CONDITION OF TEST SPECIMENS: ACCEPTABLE

TOTAL NO. OF SAMPLES INSPECTED AND/OR TESTED (8) EIGHT

INSPECTIONS AND/OR TESTS:

INSPECTION/TEST DATE (S):	5-9-17	5-8-17
DESCRIPTION (S):	ROCKWELL HRB	PROOFLOAD
SPECIFICATION (S):	ASTM E18 (08)	ASTM F606
REQUIREMENTS:	ASTM-A563 GRADE B @ HRB 69 MIN &HRC 32 MAX.	ASTM A563 GRADE BZN @ 6,975 LBF.
EQUIPMENT ID: #	FH10000120120012	# 184280

INSPECTION / TEST RESULTS:

UNIT OF MEASUREMENT: HRB W

(1)	87.95	(5)	89.50
(2)	89.85	(6)	89.60
(3)	89.35	(7)	87.95
(4)	86.70	(8)	90.15

UNIT OF MEASUREMENT: LBF

(1)	7,440	(5)	7,460
(2)	7,450	(6)	7,480
(3)	7,460	(7)	7,450
(4)	7,460	(8)	7,440

RESULTS OBTAINED FROM WRENCH FLATS

SPECIFICATION OR MATERIAL GRADE AS EVIDENCED: C-1010

REMARKS OR DEVIATIONS: MEET AND EXCEED ASTM A563 (09) GRADE A REQUIREMENTS

PER ASTM F606 SECTION 4 THE HARDNESS OF EACH SAMPLE IS THE AVERAGE OF TWO READINGS.

HEAT TREAT, SURFACE TREATMENT, COATING, ETC..: PROOFLOAD SAMPLES WERE GALVANIZED

All parts reported on this document were manufactured at this location in the United States from domestic materials.

TO THE SPECIFICATIONS ABOVE, THE SAMPLES INSPECTED AND/OR TESTED

CONFORM: X ARE RESULTS ONLY: _____ DO NOT CONFORM: _____

APPROVED SIGNATORY QUALITY MANAGER

Russell L. Wilson

INSPECTED AND/OR TESTED BY:

Authorized Lab Technician

I CERTIFY THAT THE ABOVE TEST IS WAS CONDUCTED IN ACCORDANCE WITH THE ABOVE STATED SPECIFICATION (S) AND THAT THE RESULTS ARE CORRECT AS ENTERED. THE ABOVE RESULTS ONLY PERTAIN TO THE SAMPLE ITEMS TESTED. SEE THE APPROVED MANUAL FOR MANDATORY REPORT CONTENT. THIS DOCUMENT SHALL NOT BE REPRODUCED IN FULL WITHOUT THE APPROVAL OF DECKER MANUFACTURING CORPORATION. DO NOT ERASE OR ALTER ANY ERRORS - DRAW A STRAIGHT LINE THROUGH AND INITIAL. SEE REVERSE OF THIS DOCUMENT FOR THE TERMS AND CONDITIONS OF THIS TEST REPORT.

ACCREDITED

TESTING CERT # 0499-01

DECKER
SINCE 1927
www.deckernut.com

DECKER MANUFACTURING CORPORATION
703 N. Clark Street
Albion, Michigan 49224
P: 517.629.3955 • F: 517.629.3535

LABORATORY AND TESTING FACILITY

Addendum to FORM 8.x — Form 8.4

ROCKWELL DATA COLLECTION WORKSHEET

DATE OF MANUFACTURE: 4-4-17

PAGE 2 OF 2
LAB FILE ID NUMBER/LOT NUMBER: 17-15-002
DMC PART NUMBER #: 026-0616-26
ITEM DESCRIPTION: 3/8X16 HEX NUT 4.017
NAME (S) OF PERSON (S) SAMPLING: RILLOYD. SAMPLING PROCEDURES ARE UNDER THE SUPERVISION OF DECKER MANUFACTURING CORPORATION'S QUALITY DEPARTMENT.
INSPECTION/TEST DATE (S): 5-9-17
DESCRIPTION (S): ROCKWELL HRB
SPECIFICATION (S): ASTM E-18
REQUIREMENTS: ASTM A-563 B @ HRB 69 MIN & HRC 32 MAX.
EQUIPMENT ID: # FH 10000120120012

INSPECTION / TEST RESULTS:

UNIT OF MEASUREMENT: HRB

	Individual readings	Total	Mean Average
(1)	88.1 . 87.8 :	175.9 :	87.95 :
(2)	90.0 . 89.7 :	179.7 :	89.85 :
(3)	88.9 . 89.8 :	178.7 :	89.35 :
(4)	86.6 . 86.8 :	173.4	86.70 :
(5)	90.2 . 88.8 :	179.0 :	89.50 :
(6)	89.9 . 89.3 :	179.2 :	89.60 :
(7)	88.0 . 87.9 :	175.9 :	87.95 :
(8)	90.1 . 90.2 :	180.3 :	90.15 :

READINGS OBTAINED FROM X WRENCH FLATS: _____ BEARING SURFACE: _____ CORE:

PER ASTM F606 PARAGRAPH 4.12 THE REPORTED HARDNESS IS THE AVERAGE OF 2 READINGS OF EACH TEST SAMPLE.
IN ADDITION ALL READINGS SHALL BE WITHIN HARDNESS VALUES LISTED IN THE PRODUCT SPECIFICATION.

INSPECTED AND/OR TESTED BY:
Authorized Lab Technician

I CERTIFY THAT THE ABOVE TEST IS WAS CONDUCTED IN ACCORDANCE WITH THE ABOVE STATED SPECIFICATION (S) AND THAT THE RESULTS ARE CORRECT AS ENTERED. THE ABOVE RESULTS ONLY PERTAIN TO THE SAMPLE ITEMS TESTED. SEE THE QUALITY MANUAL F.A. INDICATIVE HEREAT CLIENT. THIS DOCUMENT SHALL NOT BE REPRODUCED IN FULL WITHOUT THE APPROVAL OF DECKER MANUFACTURING CORPORATION. DO NOT ERASE OR ALTER ANY ERRORS - DRAW A STRAIGHT LINE THROUGH AND INITIAL. SEE REVERSE OF THIS DOCUMENT FOR THE TERMS AND CONDITIONS OF THIS TEST REPORT.

A2LA ACCREDITED
TESTING CERT # 0499-01

EMAIL

CHARTER STEEL
A Division of
Charter Manufacturing Company, Inc.

1658 Cold Springs Road
Saukville, Wisconsin 53080
(262) 268-2400
1-800-437-8789
Fax (262) 268-2570

CHARTER STEEL TEST REPORT

Melted in USA Manufactured in USA

Cust P.O.	50358-1703
Customer Part #	.562 1010
Charter Sales Order	30127542
Heat #	20489780
Ship Lot #	3254036
Grade	1010 A AK FG RHQ 9/16
Process	HRCC
Finish Size	9/16
Ship date	

Decker Manufacturing Corp.
703 N. Clark St.
Albion,MI-49224

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed below and that it satisfies these requirements. The recording of false, fictitious and fraudulent statements or entries on this document may be punishable as a felony under federal statute.

Test results of Heat Lot # 20489780

Lab Code: 125544

	C	MN	P	S	SI	NI	CR	MO	CU	SN	V
CHEM %Wt	.09	.35	.006	.002	.060	.04	.05	.01	.08	.005	.001
	AL	N	B	TI	NB						
	.028	.0070	.0001	.001	.001						

Test results of Rolling Lot # 2120542

	# of Tests	Min Value	Max Value	Mean Value	RB LAB = 0358-04
ROCKWELL B (HRBW)	3	61	65	63	
ROD SIZE (Inch)	10	.561	.570	.565	
ROD OUT OF ROUND (Inch)	3	.007	.008	.007	

REDUCTION RATIO=197:1

Specifications: Manufactured per Charter Steel Quality Manual Rev Date 12/12/13
Charter Steel certifies this product is indistinguishable from background radiation levels by having process radiation detectors in place to measure for the presence of radiation within our process & products.
Meets customer specifications with any applicable Charter Steel exceptions for the following customer documents:
Customer Document = ASTM A29/A29M Revision = 15 Dated = 01-NOV-15

Additional Comments:

Melt Source:
Charter Steel
Cuyahoga Heights, OH, USA

Rem: Load1,Fax0,Mail0

ACCREDITED
Testing Laboratory

This MTR supersedes all previously dated MTRs for this order

Janice Barnard Division Mgr. of Quality Assurance
barnardJ@chartersteel.com
Printed Date : 03/08/2017

The following statements are applicable to the material described on the front of this Test Report:

1. Except as noted, the steel supplied for this order was melted, rolled, and processed in the United States meeting DFARS compliance, LEEDS compliance, REACH compliance, ROHS-WEEE compliance, and Conflict Materials Restrictions.
2. Mercury was not used during the manufacture of this product, nor was the steel contaminated with mercury during processing.
3. Unless directed by the customer, there are no welds in any of the coils produced for this order.
4. The laboratory that generated the analytical or test results can be identified by the following key:

Certificate Number	Lab Code	Laboratory		Address
0358-01	7388	CSSM	Charter Steel Melting Division	1658 Cold Springs Road, Saukville, WI 53080
0358-02	8171	CSSR/ CSSP	Charter Steel Rolling/ Processing Division	1658 Cold Springs Road, Saukville, WI 53080
0358-03	123633	CSFP	Charter Steel Ohio Processing Division	6255 US Highway 23, Rising Sun, OH 43457
0358-04	125544	CSCM/ CSCR	Charter Steel Cleveland	4300 E. 49th St., Cuyahoga Heights, OH 44125-1004
*	*	--	Subcontracted test performed by laboratory not in Charter Steel System	

5. When run by a Charter Steel laboratory, the following tests were performed according to the latest revisions of the specifications listed below, as noted in the Charter Steel Laboratory Quality Manual:

Test	Specifications	CSSM	CSSR/ CSSP	CSFP	CSCM/ CSCR
Chemistry Analysis	ASTM E415; ASTM E1019	X			X
Macroetch	ASTM E381	X			X
Hardenability (Jominy)	ASTM A255; SAE J406; JIS G0561	X			X
Grain Size	ASTM E112	X	X	X	X
Tensile Test	ASTM E8; ASTM A370		X	X	X
Rockwelll Hardness	ASTM E18; ASTM A370	X	X	X	X
Microstructure (spheroidization)	ASTM A892		X	X	
Inclusion Content (Methods A, E)	ASTM E45		X		X
Decarburization	ASTM E1077		X	X	X

Charter Steel has been accredited to perform all of the above tests by the American Association for Laboratory Accreditation (A2LA). These accreditations expire 01/31/19. All other test results associated with a Charter Steel laboratory that appear on the front of this report, if any, were performed according to documented procedures developed by Charter Steel and are not accredited by A2LA.

6. The test results on the front of this report are the true values measured on the samples taken from the production lot. They do not apply to any other sample.
7. This test report cannot be reproduced or distributed except in full without the written permission of Charter Steel. The primary customer whose name and address appear on the front of this form may reproduce this test report subject to the following restrictions:
   - It may be distributed only to their customers
   - Both sides of all pages must be reproduced in full
8. This certification is given subject to the terms and conditions of sale provided in Charter Steel's acknowledgement (designated by our Sales Order number) to the customer's purchase order. Both order numbers appear on the front page of this Report.
9. Where the customer has provided a specification, the results on the front of this test report conform to that specification unless otherwise noted on this test report.

ACCREDITED
Testing Laboratory

ROGERS BROTHERS INC.

HOT DIP
GALVANIZING

July 20, 2017

Decker Manufacturing Corporation
703 N. Clark Street
Albion, MI 49224

To Whom It May Concern:

This is to certify that the hot dip galvanizing of the following material on your Purchase Order number 4048 conforms to specification ASTM A-153. The following sizes and lot numbers comply with the coating, workmanship, finish, and appearance requirements of ASTM F2329 specifications. The hot dip galvanizing is ROHS compliant. The galvanizing process was conducted in a temperature range of 830F to 850F.

5 Tubs	#035-1031-26	Lot#17-35-017	4.22 Avg. Mils
4 Tubs	#035-1031-26	Lot#17-52-021	4.30 Avg. Mils
1 Tub	#033-08DH-26	Lot#17-04-012	6.00 Avg. Mils
1 Tub	#026-1210-26	Lot#17-40-005	2.80 Avg. Mils
1 Tub	#026-0616-26	Lot#17-15-002	5.20 Avg. Mils

This certification in no way implies anything other than the quality of our hot dip galvanizing as it pertains to your order.

This product was galvanized in Rockford, IL USA

Yours very truly,

ROGERS BROTHERS INC.

Lorraine P. Shelburne

Lorraine P. Shelburne
Vice President

ROGERS BROTHERS, INC. 1925 KISHWAUKEE STREET, ROCKFORD, ILLINOIS 61104-5197 PHONE: 815/965-5132 FAX: 815/965-3765
E-MAIL: rogersbros@tds.net

JF

LAPHAM-HICKEY STEEL

0/00/00 RIP

SHIPPING SCHEDULE	OUR ORDER NUMBER
5/10/19	70759 T
	B.O. FROM
SHIPM'T CHK'D	B.O. TO

4034 E.NEWK.ZNVL.COSH.MWF

SOLD TO
48685 740-432-6334
US BRIDGE
201 WHEELING AVE

CAMBRIDGE,OH
43725 0000

SHIP TO
M-F 07:00AM 04:00PM
US BRIDGE
201 WHEELING AVE

CAMBRIDGE,OH
43725 0000

REQUISITION

SHOW ON TAGS:

F.O.B.: DLVD

ORDER DATE	CUSTOMER ORDER NO.	DATE SHIPPED	ROUTE	PPD COL
4/15/19	STOCK-MS-75/ELVIN	5/22/19		PPD

ORDERED	SIZE & DESCRIPTION	LENGTH	QUANTITY SHIPPED
1550 PIECES 1248#	034 HOT ROLL STRIP MILL A36 BLACK FINISH .2500 1-1/2" X 5-1/2"		1,550 PIECES
	Part Number END DAM CLIPS LASER BURNED & FORMED PER DWG GALVANIZED. DOMESTIC MAT'L ONLY W/CERTS HEAT NUMBER MUST BE MARKED ON SHIPMENT COMPLETE TRACEABILITY REQUIRED ON ALL MATERIAL		

Mike Marcum

BARS	BOXES	DRUMS	CRATES	PKGS	SHEETS	BDLS	NO. PCS	COILS	CTNS	SKIDS	LOAD BY	TOTAL NO.
										1		1

TOTAL WEIGHT 5-22-19

PROD BY	CHKD BY	EXT BY	INV BY	UNLOADING SPECIFICATION	OPEN	TRUCK CLOSED	STRGT	FORK TRUCK	SHEET LIFTER	CHAIN CABLE	TAIL GATE	HAND	SIDE	READ	OVER CRANE

979.00

ORIG MILL CERTS W/SHIPMENT(MELTED & MFG IN USA)/HEAT# MUST

FOR ALL INQUIRIES:
800-326-0327

DELIVERY RECEIPT

*** TEST REPORT ***

SHIPMENT NO : 305-09692 PAGE 1
DATE SHIPPED : 03/02/2018
PURCHASE ORDER : H 1296 CHGO
MILL ORDER NO : ISG-YH 863-30847

COIL/LIFT ID : 344497B
REF # :

VEH. ID : TRLR 3004
PRODUCING MILL : BURNS HARBOR

ArcelorMittal Burns Harbor LLC
250 West US Highway 12
Burns Harbor, IN 46304-9745

ArcelorMittal

I certify that the test results shown are correct as contained in the records of ArcelorMittal and in compliance with the requirements of this order.

P. J. Hollingsworth

Peter J. Hollingsworth
Division Manager, Quality Assurance

SOLD TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
BEDFORD PARK IL 60638-6506

SHIP TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
CHICAGO IL 60638

SPECIFICATIONS:
HOT ROLL BLACK STRUCTURAL STEEL DRY COIL/MILL EDGE---ASTM A1018-16A (09/01/2016) SS GR 36 TYPE 2 LIM A FOR CONVERSION TO CAT 1E0065C/A36

ORDER DECSCRIPTION:	QTY	(LBS)	HEAT NO.
.3670IN X 60 IN COIL	1	39010	821A03990

CUST APPL:LASER QUALITY

TEST PARAMETER	DIR	TEST RESULT	UOM
YIELD STRENGTH	T	37.8	KSI
TENSILE STRENGTH	T	62.0	KSI
TOTAL ELONGATION	T	2 33	IN--PCT

HEAT (WT.%)	C	MN	P	S	SI	CU	NI	CR	MO	V	TI	AL	CB
821A03990	.19	.80	.012	.003	.009	.014	.01	.02	.003	.001	.002	0.038	.002
	PB	CA	N	B	SN								
		.0002	.004	.0002	.003								

MELTED AND MANUFACTURED IN THE U.S.A.

All tests were performed by ArcelorMittal laboratories, unless otherwise specified (indicated by *), in accordance with the following: chemical analysis per ASTM E415 and ASTM E1019 and QA-MCL-Q4905; Tensile tests per ASTM A6, A370, E646 and E517, JIS 2241, EN 10130 and ISO 6892; Impact tests per ASTM E23, A370 and A673; Hardness tests per E18 and A370. Crosshead speed control method used for all tensile tests. Test certificates are prepared in accordance with procedures outlined in DIN EN 10204:2005 Type 3.1

This report shall not be reproduced except in full.

*** TEST REPORT ***

SHIPMENT NO :805-19798 PAGE 1
DATE SHIPPED :05/01/2018
PURCHASE ORDER :H 3335 CHGO
MILL ORDER NO :ISG-YH 863-33281

COIL/LIFT ID :380092
REF # :

VEH. ID :TRLR 75020
PRODUCING MILL :BURNS HARBOR

ArcelorMittal Burns Harbor LLC
250 West US Highway 12
Burns Harbor, IN 46304-9745

ArcelorMittal

I certify that the test results shown are correct as contained in the records of ArcelorMittal and in compliance with the requirements of this order.

P. J. Hollingsworth

Peter J. Hollingsworth
Division Manager, Quality Assurance

SOLD TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
BEDFORD PARK IL 60638-6506

SHIP TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
CHICAGO IL 60638

SPECIFICATIONS:
HOT ROLL BLACK STRUCTURAL STEEL DRY COIL/MILL EDGE---ASTM A1018-16A (09/01/2016) SS GR 36 TYPE 2 LIM A FOR CONVERSION TO CAT 1E0065C/A36

ORDER DECSCRIPTION:
.3670IN X 60 IN COIL
CUST APPL:LASER QUALITY

QTY	(LBS)	HEAT NO.
1	42940	821A12410

TEST PARAMETER	DIR	TEST RESULT	UOM
YIELD STRENGTH	T	40.9	KSI
TENSILE STRENGTH	T	66.3	KSI
TOTAL ELONGATION	T	2 36	IN--PCT

HEAT (WT.%)	C	MN	P	S	SI	CU	NI	CR	MO	V	TI	AL	CB
821A12410	.19	.81	.011	.003	.012	.020	.01	.03	.005	.001	.002	0.049	.002

PB	CA	N	B	SN
	.0002	.005	.0002	.005

MELTED AND MANUFACTURED IN THE U.S.A.

All tests were performed by ArcelorMittal laboratories, unless otherwise specified (indicated by *), in accordance with the following: chemical analysis per ASTM E 415 and ASTM E1019 and QA-MCL-Q4905; Tensile tests per ASTM E8, A370, E646 and E517, JIS 2241, EN 10130 and ISO 6892; Impact tests per ASTM E23, A370 and A673; Hardness tests per E18 and A370. Crosshead speed control method used for all tensile tests. Test certificates are prepared in accordance with procedures outlined in DIN EN 10204:2005 Type 3.1

This report shall not be reproduced except in full.

NLMK INDIANA
6500 SOUTH BOUNDARY ROAD
PORTAGE, IN 46368
PHONE: 219.787.8200

CERTIFICATE OF TEST FOR COIL 5218653 HEAT# W0652

SOLD TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

SHIP TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

ORDER SPECIFICATIONS

CUSTOMER PO: H2216 CHGO
RESULTS FOR COIL: 5218653
PRODUCT TYPE: HR
PRODUCT CATEGORY: A1018/A36 GR 36 TY2
ORDERED GRADE: 1016
ORDERED GAUGE: 0.2420 MIN
GAUGE TOL: +0.0120/-0.0000
ORDERED WIDTH: 48.0000 MIN
WIDTH TOL: +1.1250/-0.0000

ORDER: 3045916
EDGE: MILL
FINISH: BLACK
HARDNESS: NA
HARDNESS RANGE: NA
YIELD: 36000
TENSILE: 58000/80000
ELONGATION: 23%
BEND:

ITEM: 41212070
INDUSTRY SPEC: CONV TO ASTM A36
CUSTOMER SPEC: CONV TO CAT SPEC: 1E0065
CUSTOMER PART #:
CERT #: 14
CUSTOMER NOTE: CONV TO CAT SPEC: 1E0065C Plate

JOB #	COIL #	SIZE	WGT	YIELD	TENSILE	ELONGATION
3045916-01	5218653	0.2420 x 48.0000	47560	61,600	75,100	29.0

HEAT# W0652 (Country of Origin: MELT & MFG IN USA)

C: .14 - MN: .63 - P: .013 - S: .002 - SI: .03 - AL: .031 - CU: .16 - NI: .06 - CR: .08 - MO: .02 - SN: .02 - TI: .001 - V: .002 - NB: .003 - N: .007 - B: .0000 - CA: .0036 - CE: * - ZR: * - AS: * - SB: .001

Manufactured in the United States of America - 'BUY AMERICAN' Compliant.

Elements with a reported value of " * " were undetected, and thus are less than .001%.
NLMK INDIANA certifies that the material listed herein has been tested in accordance with the methods prescribed in the governing specifications. Based upon the results of such testing, the material conforms to the specifications. All testing has been performed using the current revision of the testing specifications.

Robert M Chace

Robert M Chace
Applications Engineer

NLMK INDIANA
6500 SOUTH BOUNDARY ROAD
PORTAGE, IN 46368
PHONE: 219.787.8200

CERTIFICATE OF TEST FOR COIL 5228985 HEAT# W2737

SOLD TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

SHIP TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

ORDER SPECIFICATIONS

CUSTOMER PO: H4026 CHGO
RESULTS FOR COIL: 5228985
PRODUCT TYPE: HR
PRODUCT CATEGORY: A1018/A36 GR 36 TY2
ORDERED GRADE: 1016
ORDERED GAUGE: 0.2420 MIN
GAUGE TOL: +0.0120/-0.0000
ORDERED WIDTH: 48.0000 MIN
WIDTH TOL: +1.1250/-0.0000

ORDER: 3047807
EDGE: MILL
FINISH: BLACK
HARDNESS: NA
HARDNESS RANGE: NA
YIELD: 36000
TENSILE: 58000/80000
ELONGATION: 23%
BEND:

ITEM: 41212070
INDUSTRY SPEC: CONV TO ASTM A36
CUSTOMER SPEC: CONV TO CAT SPEC: 1E0065
CUSTOMER PART #:
CERT #: 14
CUSTOMER NOTE: CONV TO CAT SPEC: 1E0065C Plate

JOB #	COIL #	SIZE	WGT	YIELD	TENSILE	ELONGATION
3047807-01	5228985	0.2420 x 48.0000	47710	60,200	75,600	32.0

HEAT# W2737 (Country of Origin: MELT & MFG IN USA)

C: .15 - MN: .66 - P: .013 - S: .004 - SI: .03 - AL: .033 - CU: .15 - NI: .05 - CR: .08 - MO: .02 - SN: .03 - TI: .001 - V: .002 - NB: .001 - N: .009 - B: .0001 - CA: .0028 - CE: * - ZR: * - AS: * - SB: *

Manufactured in the United States of America - 'BUY AMERICAN' Compliant.

Elements with a reported value of " * " were undetected, and thus are less than .001%.
NLMK INDIANA certifies that the material listed herein has been tested in accordance with the methods prescribed in the governing specifications. Based upon the results of such testing, the material conforms to the specifications. All testing has been performed using the current revision of the testing specifications.

Robert M Chace
Robert M Chace
Applications Engineer

JF

LAPHAM-HICKEY STEEL

0/00/00 RIP

SHIPPING SCHEDULE	OUR ORDER NUMBER
7/03/19	71922 T
	B.O. FROM
SHIPM'T CHK'D	B.O. TO

4034 E.NEWK.ZNVL.COSH.MWF

M-F 07:00AM 04:00PM

SOLD TO
48685 740-432-6334
US BRIDGE
201 WHEELING AVE

CAMBRIDGE,OH
43725 0000

SHIP TO
US BRIDGE
201 WHEELING AVE

CAMBRIDGE,OH
43725 0000

REQUISITION STOCK-MS-76

SHOW ON TAGS:

F.O.B.: DLVD

ORDER DATE	CUSTOMER ORDER NO.	DATE SHIPPED	ROUTE	PPD COL
5/31/19	STOCK-MS-7/ELVIN	7/03/19		PPD

ORDERED	SIZE & DESCRIPTION	LENGTH	QUANTITY SHIPPED
3360 PIECES 7660#	C34 HOT ROLL STRIP MILL A36 BLACK FINISH .3750 3" X 5-5/16"		3,360 PIECES
	Part Number S CLAMP LASER BURNED & FORMED PER DWG GALVANIZED HEAT NUMBER MUST BE MARKED ON SHIPMENT COMPLETE TRACEABILITY REQUIRED ON ALL MATERIAL		

BARS	BOXES	DRUMS	CRATES	PKGS	SHEETS	BDLS	NO. PCS	COILS	CTNS	SKIDS	LOAD BY	TOTAL NO.
										2		2

TOTAL WEIGHT

PROD BY	CHKD BY	EXT BY	INV BY	UNLOADING SPECIFICATION	OPEN	TRUCK CLOSED	STRGT	FORK TRUCK	SHEET LIFTER	CHAIN CABLE	TAIL GATE	HAND	SIDE	READ	OVER CRANE

6158.00

ORIG MILL CERTS W//SHIPMENT(MELTED & MFG IN USA)/HEAT# MUST

FOR ALL INQUIRIES:
800-326-0327

DELIVERY RECEIPT

*** TEST REPORT ***

SHIPMENT NO :805-10551 PAGE 1
DATE SHIPPED :03/20/2019
PURCHASE ORDER :H 8732 CHGO
MILL ORDER NO :ISG-YH 887-30101

COIL/LIFT ID :211020
REF # :

VEH. ID :TRLR 4438
PRODUCING MILL :BURNS HARBOR

ArcelorMittal Burns Harbor LLC
250 West US Highway 12
Burns Harbor, IN 46304-9745

ArcelorMittal

I certify that the test results shown are correct as contained in the records of ArcelorMittal and in compliance with the requirements of this order.

P.J. Hollingsworth

Peter J. Hollingsworth
Division Manager, Quality Assurance

SOLD TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
BEDFORD PARK IL 60638-6506

SHIP TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
CHICAGO IL 60638

SPECIFICATIONS:
HOT ROLL BLACK STRUCTURAL STEEL DRY COIL/MILL EDGE---ASTM A 1018-18(05/15/2018) SS GR36 TYPE 2 LIM A FOR CONVERSION TO A36 MOD C .19 MAX

ORDER DECSCRIPTION:	QTY	(LBS)	HEAT NO.
.3670IN X 60 IN COIL	1	45870	842E36970
CUST APPL:LASER QUALITY APPLICATION			

TEST PARAMETER	DIR	TEST RESULT	UOM
YIELD STRENGTH	T	47.3	KSI
TENSILE STRENGTH	T	79.4	KSI
TOTAL ELONGATION	T	2 24	IN--PCT

HEAT (WT.%)	C	MN	P	S	SI	CU	NI	CR	MO	V	TI	AL	CB
842E36970	.15	.84	.012	.004	.015	.021	.01	.03	.008	.001	.002	0.035	.002
	PB	CA	N	B		SN	CE						
		.0002	.005	.0002		.003							

MELTED AND MANUFACTURED IN THE U.S.A.

All tests were performed by ArcelorMittal laboratories, unless otherwise specified (indicated by *), in accordance with the following: chemical analysis per ASTM E415 and ASTM E1019 and QA-MCL-Q4805; Tensile tests per ASTM E8, A370, E646 and E517, JIS 2241, EN 10130 and ISO 6892; Impact tests per ASTM E23, A370 and A673; Hardness tests per E18 and A370. Crosshead speed control method used for all tensile tests. Test certificates are prepared in accordance with procedures outlined in DIN EN 10204:2005 Type 3.1

This report shall not be reproduced except in full.

*** TEST REPORT ***

SHIPMENT NO :805-08668 PAGE 1
DATE SHIPPED :03/08/2019
PURCHASE ORDER :H 8732 CHGO
MILL ORDER NO :ISG-YH 887-30101

COIL/LIFT ID :207003
REF # :

VEH. ID :TRLR 4729A
PRODUCING MILL :BURNS HARBOR

ArcelorMittal Burns Harbor LLC
250 West US Highway 12
Burns Harbor, IN 46304-9745

ArcelorMittal

I certify that the test results shown are correct as contained in the records of ArcelorMittal and in compliance with the requirements of this order.

Peter J. Hollingsworth
Division Manager, Quality Assurance

SOLD TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
BEDFORD PARK IL 60638-6506

SHIP TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
CHICAGO IL 60638

SPECIFICATIONS:
HOT ROLL BLACK STRUCTURAL STEEL DRY COIL/MILL EDGE---ASTM A 1018-18(05/15/2018) SS GR36 TYPE 2 LIM A FOR CONVERSION TO A36 MOD C .19 MAX

ORDER DECSCRIPTION:	QTY	(LBS)	HEAT NO.
.3670IN X 60 IN COIL	1	47700	822E30690

CUST APPL:LASER QUALITY APPLICATION

TEST PARAMETER	DIR	TEST RESULT	UOM
YIELD STRENGTH	T	39.2	KSI
TENSILE STRENGTH	T	63.7	KSI
TOTAL ELONGATION	T	2 41	IN--PCT

HEAT (WT.%)	C	MN	P	S	SI	CU	NI	CR	MO	V	TI	AL	CB
822E30690	.15	.85	.010	.005	.009	.032	.01	.03	.006	.001	.002	0.045	.002
	PB	CA	N	B	SN								
		.0002	.004	.0002	.006								

MELTED AND MANUFACTURED IN THE U.S.A.

All tests were performed by ArcelorMittal laboratories, unless otherwise specified (indicated by *), in accordance with the following: chemical analysis per ASTM E415 and ASTM E1019 and QA-MCL-Q4905; Tensile tests per ASTM E8, A370, E646 and E517, JIS 2241, EN 10130 and ISO 6892; Impact tests per ASTM E23, A370 and A673; Hardness tests per E18 and A370. Crosshead speed control method used for all tensile tests. Test certificates are prepared in accordance with procedures outlined in DIN EN 10204:2005 Type 3.1

This report shall not be reproduced except in full.

JF

LAPHAM-HICKEY STEEL

0/00/00 REP

SHIPPING SCHEDULE	OUR ORDER NUMBER
8/28/19	71718 T
	B.O. FROM
SHIPM'T CHK'D	B.O. TO

4034 E.NEWK.ZNVL.COSH.MWF

SOLD TO
48685 740-432-6334
US BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

SHIP TO
US BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

M-F 07:00AM 04:00PM

REQUISITION

SHOW ON TAGS:

F.O.B.: DLVD

ORDER DATE	CUSTOMER ORDER NO.	DATE SHIPPED	ROUTE	PPD COL
5/22/19	STOCK-MS-76/ELVIN	8/27/19	JF/MA	PPD

ORDERED	SIZE & DESCRIPTION	LENGTH	QUANTITY SHIPPED
	034 HOT ROLL STRIP MILL		S HOP 22
1680	A36 BLACK FINISH		
PIECES	.3750 3" X 5-5/16"		
3830#			1,677 PIECES
	Part Number S CLAMP		
	LASER BURNED& FORMED PER DWG		
	GALVNIZED		
	HEAT NUMBER MUST BE MARKED ON SHIPMENT		
	COMPLETE TRACEABILITY REQUIRED ON ALL MATERIAL		

BARS	BOXES	DRUMS	CRATES	PKGS	SHEETS	BDLS	NO. PCS	COILS	CTNS	SKIDS	LOAD BY	TOTAL NO.	TOTAL WEIGHT
										1		1	

PROD BY	CHKD BY	EXT BY	INV BY	UNLOADING SPECIFICATION	OPEN	TRUCK CLOSED	STRGT	FORK TRUCK	SHEET LIFTER	CHAIN CABLE	TAIL GATE	HAND	SIDE	READ	OVER CRANE	3074.00

ORIG MILL CERTS W/SHIPMENT(MELTED & MFG IN USA)/HEAT# MUST

FOR ALL INQUIRIES:
800-326-0327

DELIVERY RECEIPT

*** TEST REPORT ***

SHIPMENT NO	:805-08668 PAGE 1
DATE SHIPPED	:03/08/2019
PURCHASE ORDER	:H 8732 CHGO
MILL ORDER NO	:ISG-YH 887-30101
COIL/LIFT ID	:207003
REF #	:
VEH. ID	:TRLR 4729A
PRODUCING MILL	:BURNS HARBOR

ArcelorMittal Burns Harbor LLC
250 West US Highway 12
Burns Harbor, IN 46304-9745

ArcelorMittal

I certify that the test results shown are correct as contained in the records of ArcelorMittal and in compliance with the requirements of this order.

P.J. Hollingsworth

Peter J. Hollingsworth
Division Manager, Quality Assurance

SOLD TO	SHIP TO
LAPHAM-HICKEY STEEL CORP 5500 W 73RD ST BEDFORD PARK IL 60638-6506	LAPHAM-HICKEY STEEL CORP 5500 W 73RD ST CHICAGO IL 60638

SPECIFICATIONS:
HOT ROLL BLACK STRUCTURAL STEEL DRY COIL/MILL EDGE---ASTM A 1018-18(05/15/2018) SS GR36 TYPE 2 LIM A FOR CONVERSION TO A36 MOD C .19 MAX

ORDER DECSCRIPTION:	QTY	(LBS)	HEAT NO.
.3670IN X 60 IN COIL	1	47700	822E30690
CUST APPL:LASER QUALITY APPLICATION			

TEST PARAMETER	DIR	TEST RESULT	UOM
YIELD STRENGTH	T	39.2	KSI
TENSILE STRENGTH	T	63.7	KSI
TOTAL ELONGATION	T	2 41	IN--PCT

HEAT (WT.%)	C	MN	P	S	SI	CU	NI	CR	MO	V	TI	AL	CB
822E30690	.15	.85	.010	.005	.009	.032	.01	.03	.006	.001	.002	0.045	.002
	PB	CA	N	B	SN								
		.0002	.004	.0002	.006								

MELTED AND MANUFACTURED IN THE U.S.A.

All tests were performed by ArcelorMittal laboratories, unless otherwise specified (indicated by *), in accordance with the following: chemical analysis per ASTM E415 and ASTM E1019 and QA-MCL-Q4905; Tensile tests per ASTM E8, A370, E646 and E517, JIS 2241, EN 10130 and ISO 6892; Impact tests per ASTM E23, A370 and A673; Hardness tests per E18 and A370. Crosshead speed control method used for all tensile tests. Test certificates are prepared in accordance with procedures outlined in DIN EN 10204:2005 Type 3.1

This report shall not be reproduced except in full.

*** TEST REPORT ***

SHIPMENT NO :805-19798 PAGE 1
DATE SHIPPED :05/01/2018
PURCHASE ORDER :H 3335 CHGO
MILL ORDER NO :ISG-YH 863-33281

COIL/LIFT ID :380092
REF # :

VEH. ID :TRLR 75020
PRODUCING MILL :BURNS HARBOR

ArcelorMittal Burns Harbor LLC
250 West US Highway 12
Burns Harbor, IN 46304-9745

ArcelorMittal

I certify that the test results shown are correct, is contained in the records of ArcelorMittal and in compliance with the requirements of this order.

P.J. Hollingsworth

Peter J. Hollingsworth
Division Manager, Quality Assurance

SOLD TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
BEDFORD PARK IL 60638-6506

SHIP TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
CHICAGO IL 60638

SPECIFICATIONS:
HOT ROLL BLACK STRUCTURAL STEEL DRY COIL/MILL EDGE---ASTM A1018-16A (09/01/2016) SS GR 36 TYPE 2 LIM A FOR CONVERSION TO CAT 1E0065C/A36

ORDER DECSCRIPTION:		QTY	(LBS)	HEAT NO.
.3670IN X 60 IN	COIL	1	42940	821A12410

CUST APPL:LASER QUALITY

TEST PARAMETER	DIR	TEST RESULT	UOM
YIELD STRENGTH	T	40.9	KSI
TENSILE STRENGTH	T	66.3	KSI
TOTAL ELONGATION	T	2 36	IN--PCT

HEAT (WT.%)	C	MN	P	S	SI	CU	NI	CR	MO	V	TI	AL	CB
821A12410	.19	.81	.011	.003	.012	.020	.01	.03	.005	.001	.002	0.049	.002
	PB	CA	N	B	SN								
		.0002	.005	.0002	.005								

MELTED AND MANUFACTURED IN THE U.S.A.

All tests were performed by ArcelorMittal laboratories, unless otherwise specified (indicated by *), in accordance with the following: chemical analysis per ASTM E 415 and ASTM E1019 and QA-MCL-Q4905; Tensile tests per ASTM E8, A370, E646 and E517, JIS 2241, EN 10130 and ISO 6892; Impact tests per ASTM E23, A370 and A673; Hardness tests per E18 and A370. Crosshead speed control method used for all tensile tests. Test certificates are prepared in accordance with procedures outlined in DIN EN 10204:2005 Type 3.1

This report shall not be reproduced except in full.

LAPHAM-HICKEY STEEL

0/00/00 RIP

9/25/19 | 71724 T

B.O. FROM

SHIPM'T CHK'D | B.O. TO

4034 E.NEWK.ZNVL.COSH.MWF

SOLD TO
48685 740-432-6334
US BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH 43725 0000

SHIP TO
M-F 07:00AM 04:00PM
US BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH 43725 0000

REQUISITION | SHOW ON TAGS: | F.O.B.: DLVD

ORDER DATE	CUSTOMER ORDER NO.	DATE SHIPPED	ROUTE	PPD COL
5/22/19	STOCK-MS-76/ELVIN	9/25/19		PPD

ORDERED	SIZE & DESCRIPTION	LENGTH	QUANTITY SHIPPED
1680 PIECES 3830#	034 HOT ROLL STRIP MILL A36 BLACK FINISH .3750 3" X 5-5/16"		1,680 PIECES
	Part Number S CLAMP LASER BURNED& FORMED PER DWG GALVNIZED HEAT NUMBER MUST BE MARKED ON SHIPMENT COMPLETE TRACEABILITY REQUIRED ON ALL MATERIAL		

BARS	BOXES	DRUMS	CRATES	PKGS	SHEETS	BDLS	NO. PCS	COILS	CTNS	SKIDS	LOAD BY	TOTAL NO.
										1		1

TOTAL WEIGHT

PROD BY	CHKD BY	EXT BY	INV BY	UNLOADING SPECIFICATION	OPEN	TRUCK CLOSED	STRGT	FORK TRUCK	SHEET LIFTER	CHAIN CABLE	TAIL GATE	HAND	SIDE	READ	OVER CRANE

3079.00

ORIG MILL CERTS W/SHIPMENT(MELTED & MFG IN USA)/HEAT# MUST

FOR ALL INQUIRIES:
800-326-0327

DELIVERY RECEIPT

Mike Mourdak
9-25-19

CREDIT O.K. | SALES O.K. MA 04

CREDIT APPROVED BY ADAMS

REFER TO CREDIT YES

EAST

ALLOTTED	VERBAL TRANSA
DEDUCTED	FORMAL

04 4034 E.NEWK.ZNVL.COSH.MWF

M-F 07:00 AM 0 :00 PM

SHIPPING SCHEDULE

HFR 9-25-19 0/00/00

OUR ORDER NUMBER 71724 T

B.O. FROM

RECEIVING HOURS AM PM	SHIPM'T CHK'D	B.O. TO

BAY 20

48685

Plant Copy

SOLD TO
US BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

B

SHIP TO
US BRIDGE
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

ZONE

SHEET NO.

PRICE $

ANALYSIS	SENT	WITH SHPMT.
YES	1	W/SHIPMT

REQUISITION NUMBER

RIP 0/00/00

SHOW ON TAGS

F.O.B. DLVD

BUYER	ALLOC DATE	ORDER DATE	CUSTOMER ORDER NO.	DATE SHIPPED	ROUTE	PPD	COL
740-432-6334		5/22/19	STOCK-MS-76/ELVIN			PPD	

OFFICE INST.	LOCATIONS	ORDERED	SIZE & DESCRIPTION	LENGTH	QUANTITY SHIPPED	PRICE	AMOUNT
	.0000 ITM# 01	1,680 PIECES ~~3,830#~~ 3079 #	034 HOT ROLL STRIP MILL A36 BLACK .3750 3" X 5-5/16" Part Number S CLAMP LASER BURNED& FORMED PER DWG GALVNIZED HEAT NUMBER MUST BE MARKED ON SHIPMENT COMPLETE TRACEABILITY REQUIRED ON ALL MATERIAL HEAT # 821A03990			A 5.1900	PC

188AV01
380-80-80

Used V188B & A22 V188B

FILLED BY	WORK HOURS USED	BARS	BOXES	DRUMS	CRATES	PKGS.	SHEETS	BDLS.	NO. PCS.	COILS	CTNS.	SKIDS	LOADED BY	TOTAL NO	TOTAL WEIGHT	SALES TAX RESALE	RESALE
					1												

PRCD. BY	CHKD. BY	EXT. BY	INV. BY	UNLOADING SPECIFICATIONS	OPEN	TRUCK CLOSED	STRG'T	FORK TRUCK	SHEET LIFTER	CHAIN CABLE	TAIL GATE	HAND	SIDE	REAR	OVER CRANE	TOTAL

ORIG MILL CERTS W/SHIPMENT(MELTED & MFG IN USA)/HEAT# MUST BE WRITTEN ON ALL MAT'L/BOL NUMBER WRITTEN ON CERT IF POSS

14:07:08

*** TEST REPORT ***

SHIPMENT NO : 305-09692 PAGE 1
DATE SHIPPED : 03/02/2018
PURCHASE ORDER : H 1296 CHGO
MILL ORDER NO : ISG-YH 863-30847

COIL/LIFT ID : 3444497B
REF # :

VEH. ID : TRLR 3004
PRODUCING MILL : BURNS HARBOR

ArcelorMittal Burns Harbor LLC
250 West US Highway 12
Burns Harbor, IN 46304-9745

ArcelorMittal

I certify that the test results shown are correct as contained in the records of ArcelorMittal and in compliance with the requirements of this order.

P.J. Hollingsworth

Peter J. Hollingsworth
Division Manager, Quality Assurance

SOLD TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
BEDFORD PARK IL 60638-6506

SHIP TO
LAPHAM-HICKEY STEEL CORP
5500 W 73RD ST
CHICAGO IL 60638

SPECIFICATIONS:
HOT ROLL BLACK STRUCTURAL STEEL DRY COIL/MILL EDGE---ASTM A1018-16A (09/01/2016) SS GR 36 TYPE 2 LIM A FOR CONVERSION TO CAT 1E0065C/A36

ORDER DECSCRIPTION:	QTY	(LBS)	HEAT NO.
.3670IN X 60 IN COIL	1	39010	821A03990
CUST APPL:LASER QUALITY			

TEST PARAMETER	DIR	TEST RESULT	UOM
YIELD STRENGTH	T	37.8	KSI
TENSILE STRENGTH	T	62.0	KSI
TOTAL ELONGATION	T	2 33	IN--PCT

HEAT (WT.%)	C	MN	P	S	SI	CU	NI	CR	MO	V	TI	AL	CB
821A03990	.19	.80	.012	.003	.009	.014	.01	.02	.003	.001	.002	0.038	.002
	PB	CA	N	B	SN								
		.0002	.004	.0002	.003								

MELTED AND MANUFACTURED IN THE U.S.A.

All tests were performed by ArcelorMittal laboratories, unless otherwise specified (indicated by *), in accordance with the following: chemical analysis per ASTM E415 and ASTM E1019 and QA-MCL-Q4905; Tensile tests per ASTM E8, A370, E646 and E517, JIS 2241, EN 10130 and ISO 6892; Impact tests per ASTM E23, A370 and A673; Hardness tests per E18 and A370. Crosshead speed control method used for all tensile tests. Test certificates are prepared in accordance with procedures outlined in DIN EN 10204:2005 Type 3.1

This report shall not be reproduced except in full.

JF

LAPHAM-HICKEY STEEL

0/00/00 RIP DATE

SHIPPING SCHEDULE		OUR ORDER NUMBER
1/23/15		28237 T
		B.O. FROM
	SHIPM'T CHK'D	B.O. TO

4034 E. NEWK.ZNVL.CMBRDGE MWF

SOLD TO
48685 740-432-6334
SUPERIOR STEEL CORP
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

SHIP TO
SUPERIOR STEEL CORP
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

M-F 07:00AM 04:00PM

REQUISITION NUMBER | SHOW ON TAGS: | F.O.B. DLVD

ORDER DATE	CUSTOMER ORDER NO.	DATE SHIPPED	ROUTE	PPD COL
12/19/14	STOCK-MS-06	1/28/15		PPD

ORDERED	SIZE & DESCRIPTION	LENGTH	QUANTITY SHIPPED	PRICE	AMOUNT
2000 PIECES 5376	034 HOT ROLL STRIP MILL A36 BLACK FINISH .3750 X 3" X 5-1/4"		2,000	PIECES	
	Part Number S-CLIP LASER BURNED & FORMED PER DWG. GALVANIZED CERTS REQ'D W/SHIPMENT. MUST BE DOMESTIC & TRACEABLE HEAT NUMBER MUST BE MARKED ON SHIPMENT COMPLETE TRACEABILITY REQUIRED ON ALL MATERIAL				

BARS	BOXES	DRUMS	CRATES	PKGS.	SHEETS	BDLS.	NO. PCS.	COILS	CTNS.	SKIDS	LOADED BY	TOTAL NO.	TOTAL WEIGHT	SALES TAX RESALE	
										1		1	5376.00		

	PROD. BY	CHKD. BY	EXT. BY	INV. BY	UNLOADING SPECIFICATIONS	OPEN	TRUCK CLOSED	STRGT	FORK TRUCK	SHEET LIFTER	CHAIN CABLE	TAIL GATE	HAND	SIDE	REAR	OVER CRANE	TOTAL

ORIG MILL CERTS W/SHIPMENT(MELTED & MFG IN USA)/HEAT# MUST BE WRITTEN ON ALL MAT'L/BOL NUMBER WRITTEN ON CERT IF POSS

FOR ALL INQUIRIES CONTACT:
800-326-0327

DELIVERY RECEIPT

JF

LAPHAM-HICKEY STEEL

0/00/00 RIP DATE

SHIPPING SCHEDULE		OUR ORDER NUMBER
1/23/15		28238 T
		B.O. FROM
	SHIPM'T CHK'D	B.O. TO

4034 E. NEWK.ZNVL.CMBRDGE MWF

SOLD TO
48685 740-432-6334
SUPERIOR STEEL CORP
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

SHIP TO
SUPERIOR STEEL CORP
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

M-F 07:00AM 04:00PM

REQUISITION NUMBER | SHOW ON TAGS: | F.O.B. DLVD

ORDER DATE	CUSTOMER ORDER NO.	DATE SHIPPED	ROUTE	PPD COL
12/19/14	STOCK-MS-06	1/27/15		PPD

ORDERED	SIZE & DESCRIPTION	LENGTH	QUANTITY SHIPPED	PRICE	AMOUNT
	034 HOT ROLL STRIP MILL				
1500	A36 BLACK FINISH				
PIECES	.2500 X 4" X 6"				
3752			1,500	PIECES	
	WASHER				
	Part Number LASER BURNED W/1-5/8" HOLE. GALVANIZED				
	CERTS REQ'D W/SHIPMENT. MUST BE DOMESTIC				
	& TRACEABLE				
	HEAT NUMBER MUST BE MARKED ON SHIPMENT				
	COMPLETE TRACEABILITY REQUIRED ON ALL MATERIAL				

BARS	BOXES	DRUMS	CRATES	PKGS.	SHEETS	BDLS.	NO. PCS.	COILS	CTNS.	SKIDS	LOADED BY	TOTAL NO.	TOTAL WEIGHT	SALES TAX RESALE
										1		1	3752.00	

	PROD. BY	CHKD. BY	EXT. BY	INV. BY	UNLOADING SPECIFICATIONS	OPEN	TRUCK CLOSED	STRGT	FORK TRUCK	SHEET LIFTER	CHAIN CABLE	TAIL GATE	HAND	SIDE	REAR	OVER CRANE	TOTAL

ORIG MILL CERTS W/SHIPMENT(MELTED & MFG IN USA)/HEAT# MUST BE WRITTEN ON ALL MAT'L/BOL NUMBER WRITTEN ON CERT IF POSS

FOR ALL INQUIRIES CONTACT:
800-326-0327

DELIVERY RECEIPT

JF

LAPHAM-HICKEY STEEL

0/00/00 RIP DATE

SHIPPING SCHEDULE		OUR ORDER NUMBER
1/23/15		28239 T
		B.O. FROM
	SHIPM'T CHK'D	B.O. TO

4034 E. NEWK.ZNVL.CMBRDGE MWF

SOLD TO
48685 740-432-6334
SUPERIOR STEEL CORP
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

SHIP TO
SUPERIOR STEEL CORP
201 WHEELING AVE
CAMBRIDGE,OH
43725 0000

M-F 07:00AM 04:00PM

REQUISITION NUMBER | SHOW ON TAGS: | F.O.B. DLVD

ORDER DATE	CUSTOMER ORDER NO.	DATE SHIPPED	ROUTE	PPD COL
12/19/14	STOCK-MS-06	1/28/15		PPD

ORDERED	SIZE & DESCRIPTION	LENGTH	QUANTITY SHIPPED	PRICE	AMOUNT
	034 HOT ROLL STRIP MILL				
2500	A36 BLACK FINISH				
PIECES	.2500 X 3" X 4"				
3574			2,500	PIECES	
	Part Number WASHER				
	LASER BURNED W/ 15/16" HOLE. GALVANIZED				
	CERTS REQ'D W/SHIPMENT. MUST BE DOMESTIC & TRACEABLE				
	HEAT NUMBER MUST BE MARKED ON SHIPMENT				
	COMPLETE TRACEABILITY REQUIRED ON ALL MATERIAL				

BARS	BOXES	DRUMS	CRATES	PKGS.	SHEETS	BDLS.	NO. PCS.	COILS	CTNS.	SKIDS	LOADED BY	TOTAL NO.	TOTAL WEIGHT	SALES TAX RESALE	
										1		1	3574.00		

	PROD. BY	CHKD. BY	EXT. BY	INV. BY	UNLOADING SPECIFICATIONS	OPEN	TRUCK CLOSED	STRGT	FORK TRUCK	SHEET LIFTER	CHAIN CABLE	TAIL GATE	HAND	SIDE	REAR	OVER CRANE	TOTAL

ORIG MILL CERTS W/SHIPMENT(MELTED & MFG IN USA)/HEAT# MUST BE WRITTEN ON ALL MAT'L/BOL NUMBER WRITTEN ON CERT IF POSS

FOR ALL INQUIRIES CONTACT:
800-326-0327

DELIVERY RECEIPT

NLMK INDIANA
6500 SOUTH BOUNDARY ROAD
PORTAGE, IN 46368
PHONE: 219.787.8200

1152X01

NLMK INDIANA
Member of NLMK Group

CERTIFICATE OF TEST FOR COIL 5108227 HEAT# S4313

SOLD TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

SHIP TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

ORDER SPECIFICATIONS

CUSTOMER PO: B6955 CHGO
RESULTS FOR COIL: 5108227
PRODUCT TYPE: HR
PRODUCT CATEGORY: A1018/A36 GR 36 TY2
ORDERED GRADE: 1016
ORDERED GAUGE: 0.3670 MIN
GAUGE TOL: +0.0160/-0.0000
ORDERED WIDTH: 60.0000 MIN
WIDTH TOL: +1.5000/-0.0000

ORDER: 3021519
EDGE: MILL
FINISH: BLACK
HARDNESS: NA
HARDNESS RANGE: NA
YIELD: 36000
TENSILE: 58000/80000
ELONGATION: 23%
BEND:

ITEM: 41207000
INDUSTRY SPEC: ASTM A1018 GR 35 TY 2
CUSTOMER SPEC: CAT SPEC: 1E0065
CUSTOMER PART #:
CERT #: 14
CUSTOMER NOTE: CONV TO ASTM A36

JOB #	COIL #	SIZE	WGT	YIELD	TENSILE	ELONGATION
3021519-02	5108227	0.3670 x 60.0000	59120	54,700	72,700	29.0

HEAT# S4313 (Country of Origin: MELT & MFG IN USA)

C: .15 - MN: .69 - P: .008 - S: .004 - SI: .031 - AL: .041 - CU: .15 - NI: .07 - CR: .09 - MO: .03 - SN: .029 - TI: .002 - V: * - NB: .001 - N: .005 - B: .0000 - CA: .0012 - CE: * - ZR: * - AS: * - SB: *

Manufactured in the United States of America - 'BUY AMERICAN' Compliant.

Elements with a reported value of "*" were undetected, and thus are less than .001%.

NLMK INDIANA certifies that the material listed herein has been tested in accordance with the methods prescribed in the governing specifications. Based upon the results of such testing, the material conforms to the specifications. All testing has been performed using the current revision of the testing specifications.

Robert M Chace
Robert M Chace
Applications Engineer

NLMK INDIANA
6500 SOUTH BOUNDARY ROAD
PORTAGE, IN 46368
PHONE: 219.787.8200

0843X01

CERTIFICATE OF TEST FOR COIL 5104535 HEAT# S3749

SOLD TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

SHIP TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

ORDER SPECIFICATIONS

CUSTOMER PO: B6955 CHGO
RESULTS FOR COIL: 5104535
PRODUCT TYPE: HR
PRODUCT CATEGORY: A1018/A36 GR 36 TY2
ORDERED GRADE: 1016
ORDERED GAUGE: 0.3670 MIN
GAUGE TOL: +0.0160/-0.0000
ORDERED WIDTH: 60.0000 MIN
WIDTH TOL: +1.5000/-0.0000

ORDER: 3021519
EDGE: MILL
FINISH: BLACK
HARDNESS: NA
HARDNESS RANGE: NA
YIELD: 36000
TENSILE: 58000/80000
ELONGATION: 23%
BEND:

ITEM: 41207000
INDUSTRY SPEC: ASTM A1018 GR 36 TY 2
CUSTOMER SPEC: CAT SPEC: 1E0065
CUSTOMER PART #:
CERT #: 14
CUSTOMER NOTE: CONV TO ASTM A36

JOB #	COIL #	SIZE	WGT	YIELD	TENSILE	ELONGATION
3021519-01	5104535	0.3670 x 60.0000	56660	53,900	71,500	30.0

HEAT# S3749 (Country of Origin: MELT & MFG IN USA)

C: .14 - MN: .67 - P: .009 - S: .011 - SI: .024 - AL: .043 - CU: .15 - NI: .08 - CR: .08 - MO: .03 - SN: .030 - TI: .001 - V: * - NB: * - N: .005 - B: .0000 - CA: .0014 - CE: * - ZR: * - AS: * - SB: *

Manufactured in the United States of America - 'BUY AMERICAN' Compliant.

Elements with a reported value of " * " were undetected, and thus are less than .001%.
NLMK INDIANA certifies that the material listed herein has been tested in accordance with the methods prescribed in the governing specifications. Based upon the results of such testing, the material conforms to the specifications. All testing has been performed using the current revision of the testing specifications.

Robert M Chace

Robert M Chace
Applications Engineer

NLMK INDIANA
6500 SOUTH BOUNDARY ROAD
PORTAGE, IN 46368
PHONE: 219.787.8200

1151X01

CERTIFICATE OF TEST FOR COIL 5111300 HEAT# S4812

SOLD TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

SHIP TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

ORDER SPECIFICATIONS

CUSTOMER PO: B8195 CHGO
ORDER: 3023109
ITEM: 41205806

RESULTS FOR COIL:	5111300	EDGE:	MILL	INDUSTRY SPEC:	CONV TO ASTM A36
PRODUCT TYPE:	HR	FINISH:	BLACK	CUSTOMER SPEC:	CAT SPEC: 1E0065
PRODUCT CATEGORY:	A1018/A36 GR 36 TY2	HARDNESS:	NA	CUSTOMER PART #:	
ORDERED GRADE:	1016	HARDNESS RANGE:	NA	CERT #:	14
ORDERED GAUGE:	0.2420 MIN	YIELD:	36000	CUSTOMER NOTE:	
GAUGE TOL:	+0.0150/-0.0000	TENSILE:	58000/80000		
ORDERED WIDTH:	60.0000 MIN	ELONGATION:	23%		
WIDTH TOL:	+1.5000/-0.0000	BEND:			

JOB #	COIL #	SIZE	WGT	YIELD	TENSILE	ELONGATION
3023109-01	5111299	0.2420 x 60.0000	59430	54,100	70,600	31.0

HEAT# S4812 (Country of Origin: MELT & MFG IN USA)
C: .14 - MN: .63 - P: .009 - S: .008 - SI: .018 - AL: .032 - CU: .17 - NI: .06 - CR: .06 - MO: .02 - SN: .040 - TI: .001 - V: * - NB: * - N: .007 - B: .0000 - CA: .0012 - CE: * - ZR: * - AS: * - SB: *

JOB #	COIL #	SIZE	WGT	YIELD	TENSILE	ELONGATION
3023109-01	5111300	0.2420 x 60.0000	58400	48,800	69,600	29.0

HEAT# S4812 (Country of Origin: MELT & MFG IN USA)
C: .14 - MN: .63 - P: .009 - S: .008 - SI: .018 - AL: .032 - CU: .17 - NI: .06 - CR: .06 - MO: .02 - SN: .040 - TI: .001 - V: * - NB: * - N: .007 - B: .0000 - CA: .0012 - CE: * - ZR: * - AS: * - SB: *

Manufactured in the United States of America - 'BUY AMERICAN' Compliant.

Elements with a reported value of " * " were undetected, and thus are less than .001%.
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Robert M Chace
Robert M Chace
Applications Engineer

NLMK INDIANA
6500 SOUTH BOUNDARY ROAD
PORTAGE, IN 46368
PHONE: 219.787.8200

9197W01

CERTIFICATE OF TEST FOR COIL 5065594 HEAT# R3492

SOLD TO LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

SHIP TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

ORDER SPECIFICATIONS

CUSTOMER PO: A9935 CHGO P
RESULTS FOR COIL: 5065594
PRODUCT TYPE: HR
PRODUCT CATEGORY: A1018/A36 GR 36 TY2
ORDERED GRADE: 1016
ORDERED GAUGE: 0.2420 MIN
GAUGE TOL: +0.0120/-0.0000
ORDERED WIDTH: 48.0000 MIN
WIDTH TOL: +1.1250/-0.0000

ORDER: 3012974
EDGE: MILL
FINISH: BLACK
HARDNESS: NA
HARDNESS RANGE: NA
YIELD: 36000
TENSILE: 58000/80000
ELONGATION: 23%
BEND:

ITEM: 41212070
INDUSTRY SPEC: CONV TO ASTM A36
CUSTOMER SPEC: CAT SPEC: 1E0065
CUSTOMER PART #:
CERT #: 14
CUSTOMER NOTE:

JOB #	COIL #	SIZE	WGT	YIELD	TENSILE	ELONGATION
3012974-01	5065594	0.2420 x 48.0000	47770	55,600	73,400	29.0

HEAT# R3492 (Country of Origin: MELT & MFG IN USA)

C: .16 - MN: .66 - P: .011 - S: .012 - SI: .008 - AL: .032 - CU: .16 - NI: .08 - CR: .08 - MO: .02 - SN: .029 - TI: .001 - V: .003 - NB: .002 - N: .008 - B: .0000 - CA: .0026 - CE: * - ZR: * - AS: * - SB: *

Manufactured in the United States of America - 'BUY AMERICAN' Compliant.

Elements with a reported value of " * " were undetected, and thus are less than .001%.
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Robert M Chace

Robert M Chace
Applications Engineer

NLMK INDIANA
Member of NLMK Group

NLMK INDIANA
6500 SOUTH BOUNDARY ROAD
PORTAGE, IN 46368
PHONE: 219.787.8200

0320X02

CERTIFICATE OF TEST FOR COIL 5092532 HEAT# USG4W83408

SOLD TO LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

SHIP TO: LAPHAM-HICKEY STEEL
5500 WEST 73RD STREET
CHICAGO, IL 60638

ORDER SPECIFICATIONS

CUSTOMER PO: B5087 CHGO
RESULTS FOR COIL: 5092532
PRODUCT TYPE: HR
PRODUCT CATEGORY: A1018/A36 GR 36 TY2
ORDERED GRADE: 1017
ORDERED GAUGE: 0.2420 MIN
GAUGE TOL: +0.0120/-0.0000
ORDERED WIDTH: 48.0000 MIN
WIDTH TOL: +1.1250/-0.0000

ORDER: 3018806
EDGE: MILL
FINISH: BLACK
HARDNESS: NA
HARDNESS RANGE: NA
YIELD: 36000/65200
TENSILE: 58000/80000
ELONGATION: 23%
BEND:

ITEM: 41206203
INDUSTRY SPEC: CONV TO ASTM A36
CUSTOMER SPEC: CAT SPEC: 1E0065
CUSTOMER PART #:
CERT #: 14
CUSTOMER NOTE:

JOB #	COIL #	SIZE	WGT	YIELD	TENSILE	ELONGATION
3018806-01	5092532	0.2420 x 48.0000	47860	51,100	69,100	33.0

HEAT# USG4W83408 (Country of Origin: MELT & MFG IN USA) C: .19 - MN: .40 - P: .011 - S: .012 - SI: .013 - AL: .040 - CU: .03 - NI: .01 - CR: .04 - MO: * - SN: .005 - TI: .001 - V: .001 - NB: .001 - N: .006 - B: .0001 - CA: .0010 - CE: * - ZR: * - AS: * - SB: *

Manufactured in the United States of America - 'BUY AMERICAN' Compliant.

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Robert M Chace
Robert M Chace
Applications Engineer

AZZ GALVANIZING CINCINNATI

4454 Steel Place
Cincinnati, OH 45209
(513) 871-5700
(513) 871-0347 fax

May 10, 2019

TO WHOM IT MAY CONCERN:

We attest that we galvanize to ASTM Specification A-123 with a minimum coating weight as outlined in the particular specification.

Company Name:	Lapham-Hickey Steel 2585 W 20TH St. Oshkosh, WI 54904
Job name:	08753V
Material:	1500 pcs of ¼" A36 4" x 6"

Steve Gerhardt
AZZ Galvanizing – Cincinnati
Plant Manager
513.871.5700

STRAIGHT BILL OF LADING - SHORT FORM

ORIGINAL - NOT NEGOTIABLE

Load No. 70803
BOL No. 66964

Carrier: PENN OHIO LEASING, LLC

RECEIVED, Subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading.

From: Kenilworth Steel Company
8700 East Market St., Suite 11
Warren, OH 44484
Phone: 330.373.1885

Ship Date: 05/01/2019

*** TRUCKERS MUST TARP ALL LOADS ***

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) aggrees to carry to it's usual place of delivery to said destination, if on it's route, otherwise to deliver to anothe carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property, that every service to be performedhereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth in (1) in Official Southern, Western and Illinois Freight Classifications in effect on the date hereof. If this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.
Shipper hereby certifies that he is familiar with all terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classificationor tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Sold To: US BRIDGE
201 WHEELING AVE

PO BOX 757
CAMBRIDGE, OH 43725-0757

Ship To: US BRIDGE
201 WHEELING AVE

PO BOX 757
CAMBRIDGE, OH 43725-0757
1-740-432-6334

Quantity	Description	Width	Length	Weight
Cust PO:	STOCK-P-222	Sales Order:	59817	
4	1/4" ASTM A588 FRACTURE CRITICAL ZONE 3 25'/# @ +10F ASTM A588	96"	240"	6,536
	Tag#: PD24273, Heat: A8X4201, Pcs: 1, Weight: 1634			
	Tag#: PD24274, Heat: A8X4201, Pcs: 1, Weight: 1634			
	Tag#: PD24275, Heat: A8X4201, Pcs: 1, Weight: 1634			
	Tag#: PD24276, Heat: A8X4201, Pcs: 1, Weight: 1634			
			Total Weight:	**6,536**

If charges are to be prepaid, write or stamp here, "To be Prepaid."

PREPAID

Received $

to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per

(The signature here acknowledges only the amount prepaid)

Charges Advanced:

$

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges

Enclose

* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is a carrier's or shipper's weight
NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

AUDIT CONTROL NO.

CARRIER CUSTOMER	PER	PER DATE
		5-01-19

Permanent post office address of shipper

DELIVERY RECEIPT MUST BE SIGNED AND RETURNED

NUCOR
NUCOR STEEL TUSCALOOSA, INC.

MILL TEST CERTIFICATE

1700 HOLT RD N.E.
Tuscaloosa, AL 35404-1000
800 800-8204
customerservice@nucortusk.com

PD242166-24295

Load Number	Tally	Mill Order Number	PO NO | Line NO	Part Number	Certificate Number	Prepared
T201852	00000000824380	N-167433-002	11-45250 2		S82438001-1	11/29/2018 23:10

Grade

Customer:

Order Description:
Hot Roll Plate From Coil
A588 A, 0.2500 IN x 96.000 IN x 240.000 IN
Quality Plan Description:
A588/70950W/242: ASTM A588 A AND B-15/A709-50W/A242-13/M270-50W

Sold TO:
KENILWORTH STEEL WARREN OH
Ship TO:
KENILWORTH STEEL Youngstown OH
Sent TO:

Shipped Item	Heat/Slab Number	Certified By	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	V	Al	Ti	N2	B	Ca	Sn	CEV	ACI
8K2448C	A8X4201-02 ***	A8X4201	0.05	0.89	0.008	0.002	0.34	0.28	0.26	0.48	0.015	0.003	0.034	0.030	0.002	0.008	0.0003	0.0014			6.36
8K2448D	A8X4201-02 ***	A8X4201	0.05	0.89	0.008	0.002	0.34	0.28	0.26	0.48	0.015	0.003	0.034	0.030	0.002	0.008	0.0003	0.0014			6.36
8K2448E	A8X4201-02 ***	A8X4201	0.05	0.89	0.008	0.002	0.34	0.28	0.26	0.48	0.015	0.003	0.034	0.030	0.002	0.008	0.0003	0.0014			6.36
8K2449D	A8X4201-03 ***	A8X4201	0.05	0.89	0.008	0.002	0.34	0.28	0.26	0.48	0.015	0.003	0.034	0.030	0.002	0.008	0.0003	0.0014			6.36

Shipped Item	Certified By	Heat/Slab Number	Yield ksi	Tensile ksi	Y/T %	ELONGATION % 2"	8"	Bend OK?	Hard HB	Charpy Impacts (ft-lbs) Size mm	1	2	3	Avg	Shear % 1	2	3	Avg	Test Temp
8K2448C	S8K2448FTT	A8X4201-02 ***	62.6	73.0	85.8	32.8													
8K2448C	S8K2448MTT	A8X4201-02 ***	64.5	74.1	87.0	26.2													
8K2448D	S8K2448FTT	A8X4201-02 ***	62.6	73.0	85.8	32.8													
8K2448D	S8K2448MTT	A8X4201-02 ***	64.5	74.1	87.0	26.2													
8K2448E	S8K2448FTT	A8X4201-02 ***	62.6	73.0	85.8	32.8													
8K2448E	S8K2448MTT	A8X4201-02 ***	64.5	74.1	87.0	26.2													
8K2449D	S8K2446FTT	A8X4201-03 ***	63.9	76.1	84.0	32.0													
8K2449D	S8K2447FTT	A8X4201-03 ***	62.5	72.1	86.7	32.6													
8K2449D	S8K2446MTT	A8X4201-03 ***	67.2	75.2	89.4	29.1													
8K2449D	S8K2447MTT	A8X4201-03 ***	68.9	76.9	89.6	22.8													

Items: 4 PCS: 28 Weight: 45739 LBS

Mercury has not come in contact with this product during the manufacturing process nor has any mercury been used by the manufacturing process. Certified in accordance with EN 10204 3.1. No weld repair has been performed on this material. Yield strength is determined by the 0.2% offset method unless otherwise noted. Manufactured to a fully killed fine grain practice.
NUTEMPER TEMPER PASSED plate from coil
ISO 9001:2015 Registered, PED Certified

"***" indicates Heats melted and Manufactured in the U.S.A.

We hereby certify that the product described above passed all of the tests required by the specifications.

Dr. Quilin Yu - Metallurgist

Heat Number A8X4201
Shipper No 59817
Customer PO# STOCK-P-222
Customer Name US BRIDGE