US 84 Westbound Mississippi River Bridge

U29 And U49 Pin And Link Replacement

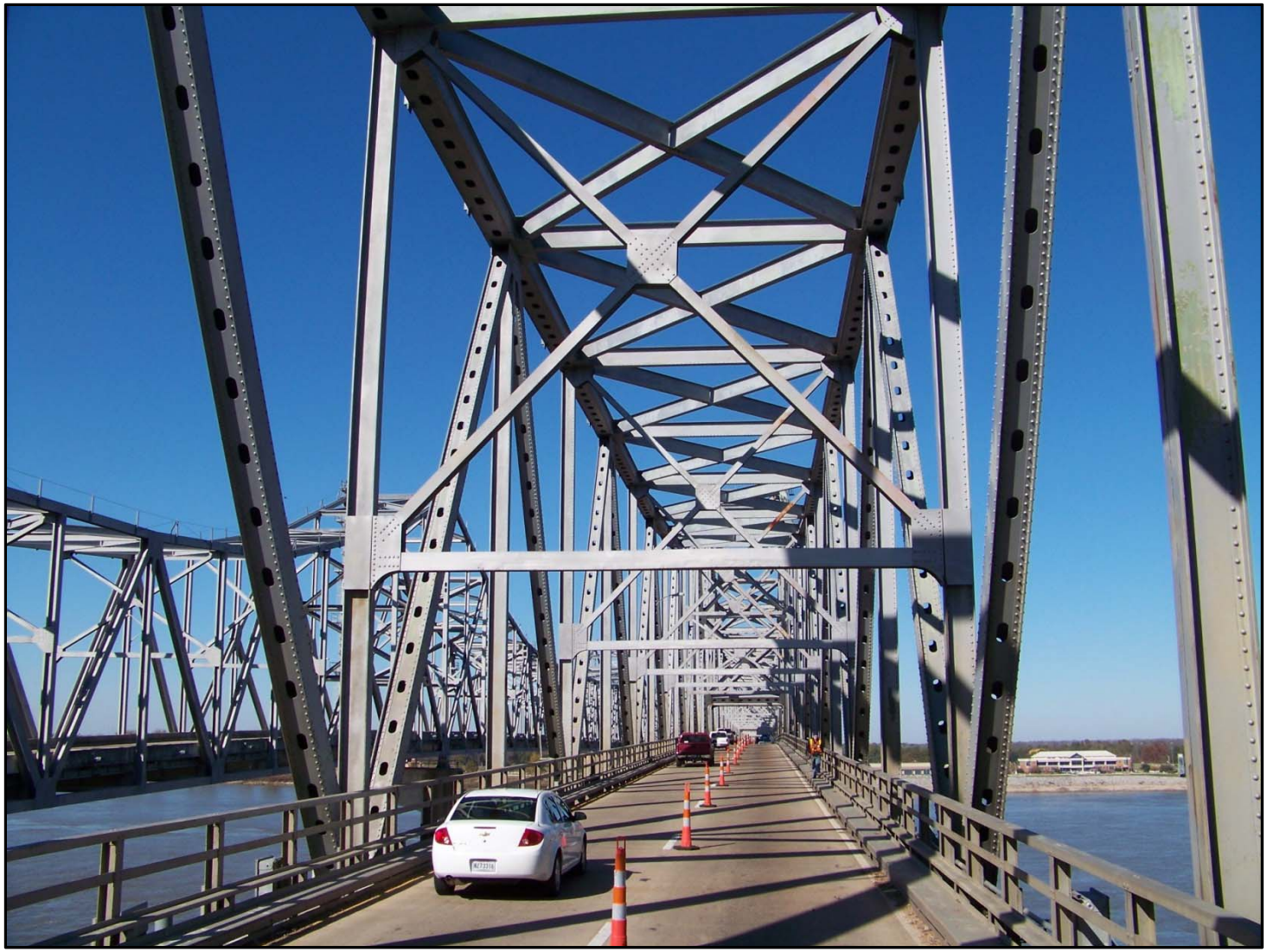
5-19-2014

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
HNTB

LOUISIANA'S ON THE MOVE...
DOTD
BUILDS THE WAY

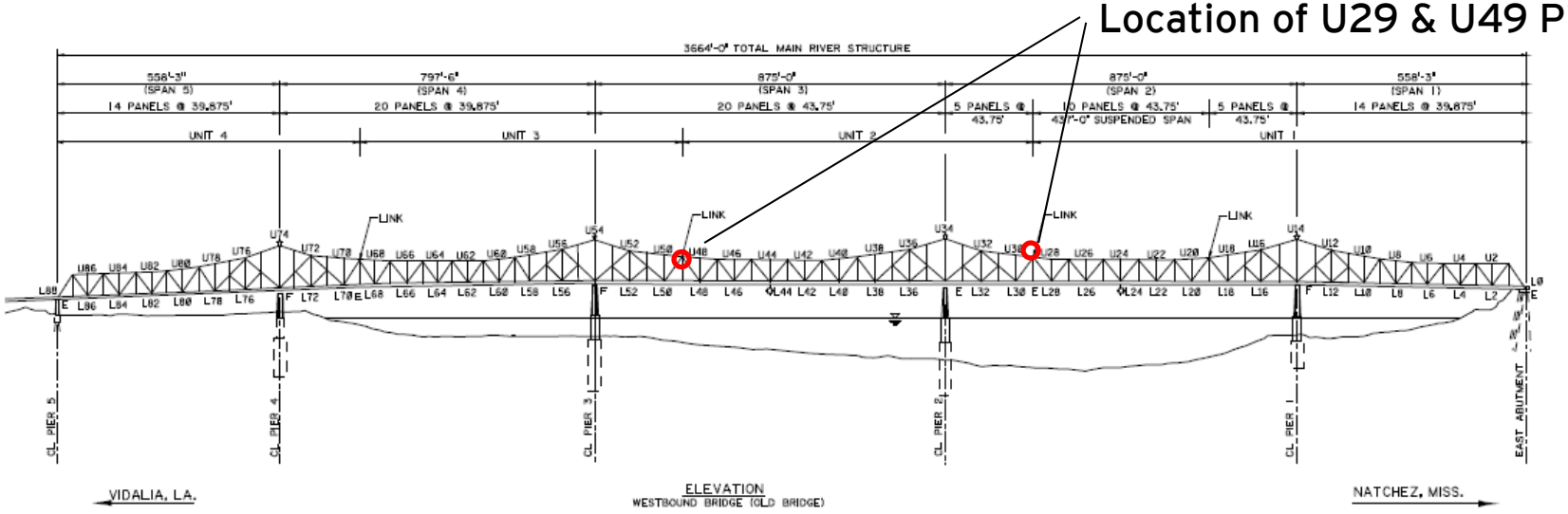
US 84 Westbound Mississippi River Bridge

US 84 Westbound Mississippi River Bridge



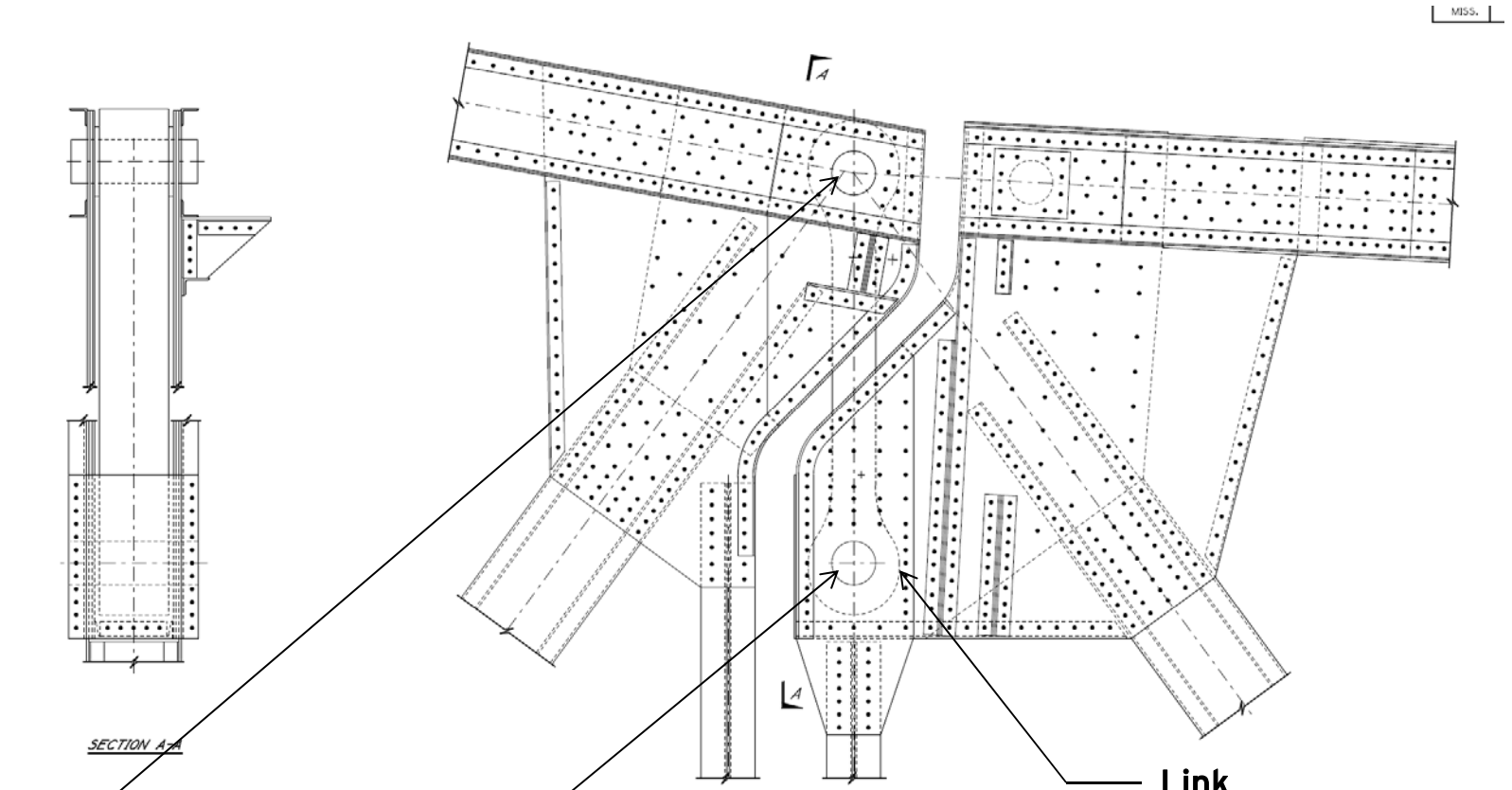
US 84 Westbound Mississippi River Bridge

Location of Lower Pins



US 84 Westbound Mississippi River Bridge

Location of Lower Pins



(Pin is longer than lower pin)

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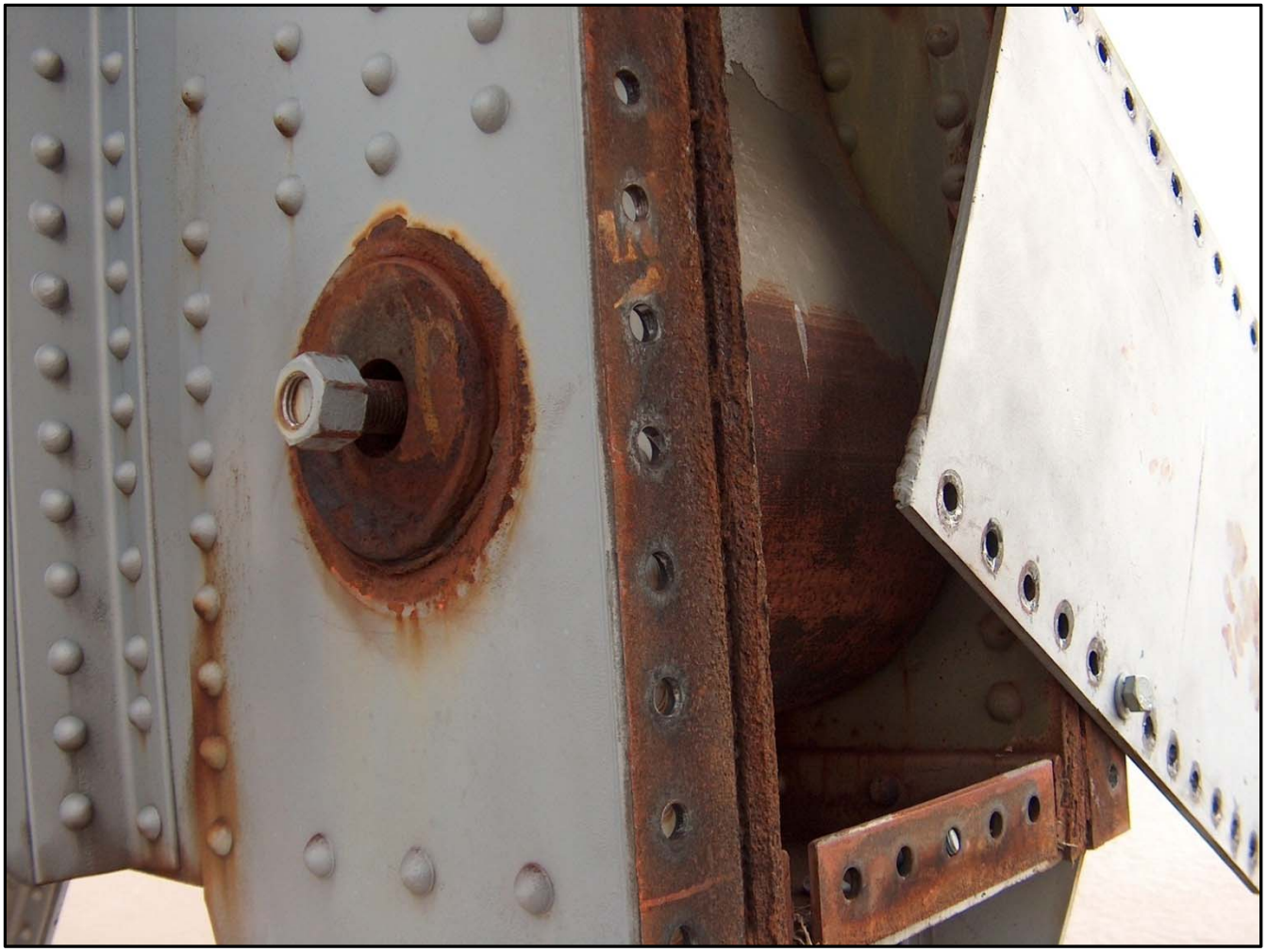


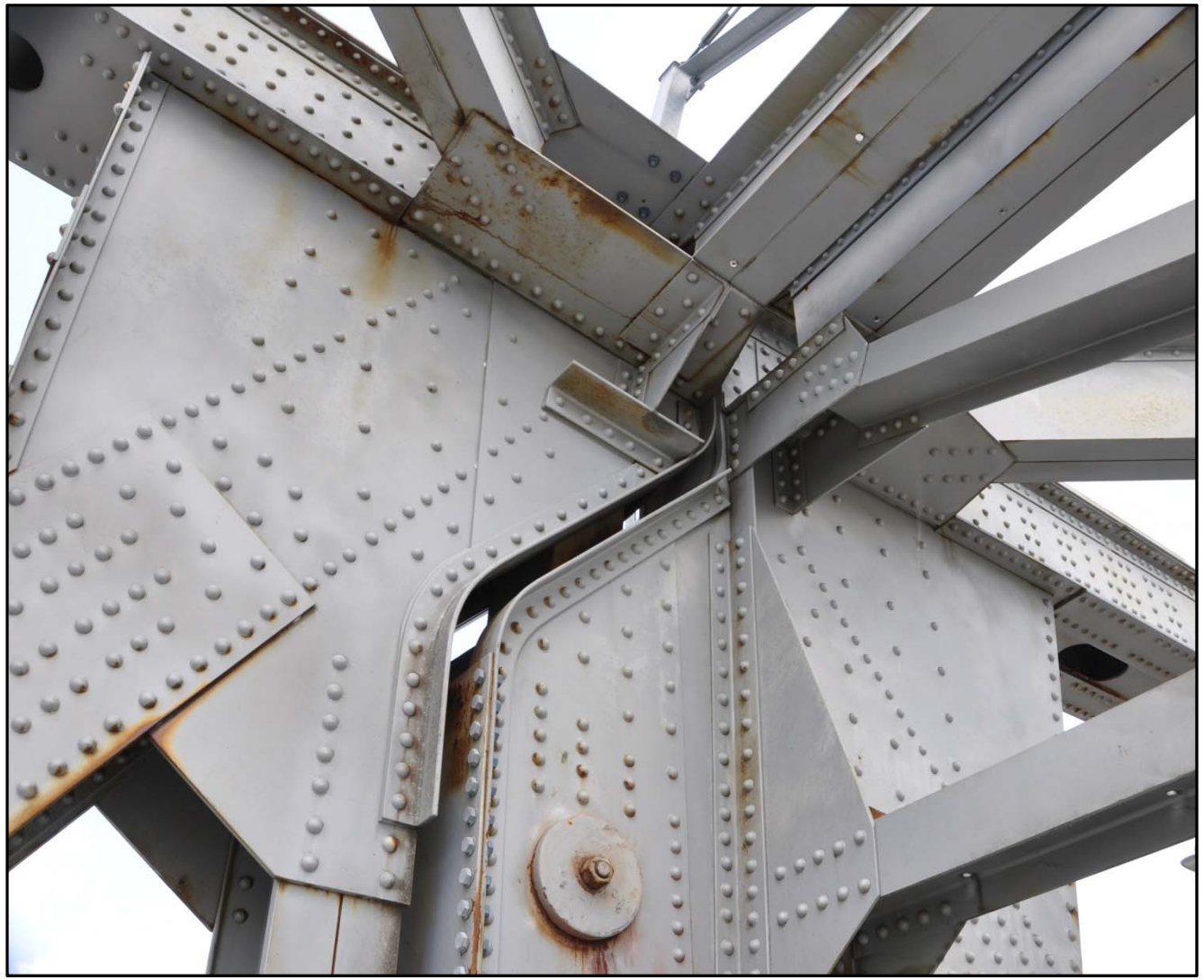
U19 shown, U29 and U49 similar (2003)

Panel Point U29 Downstream Truss

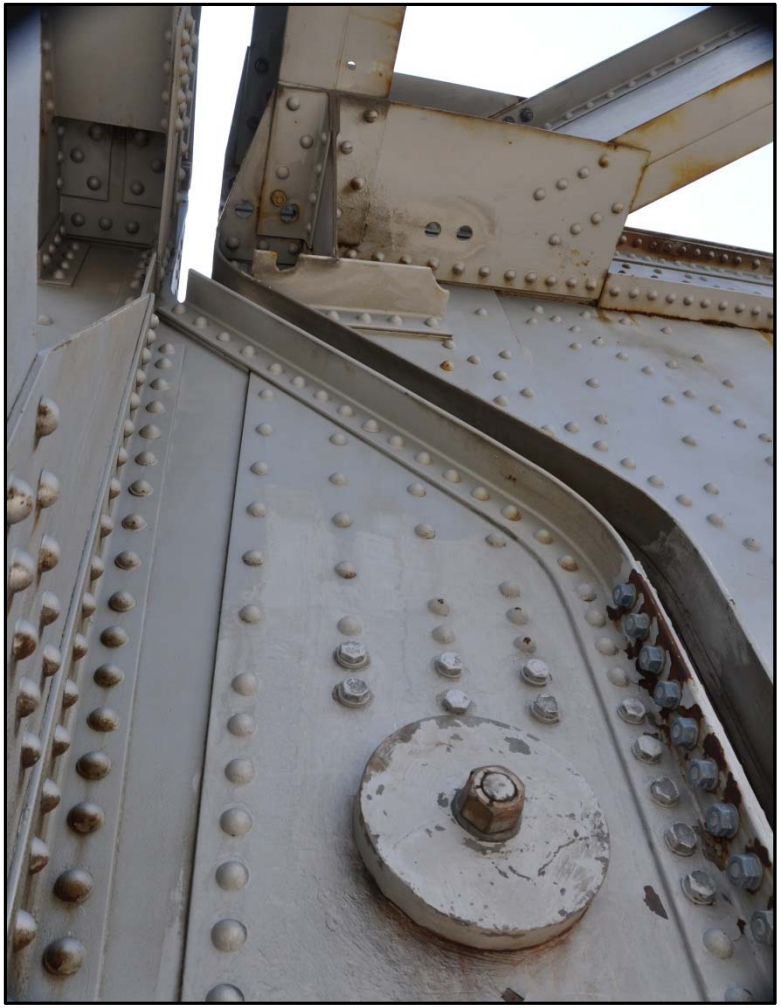
(2013)

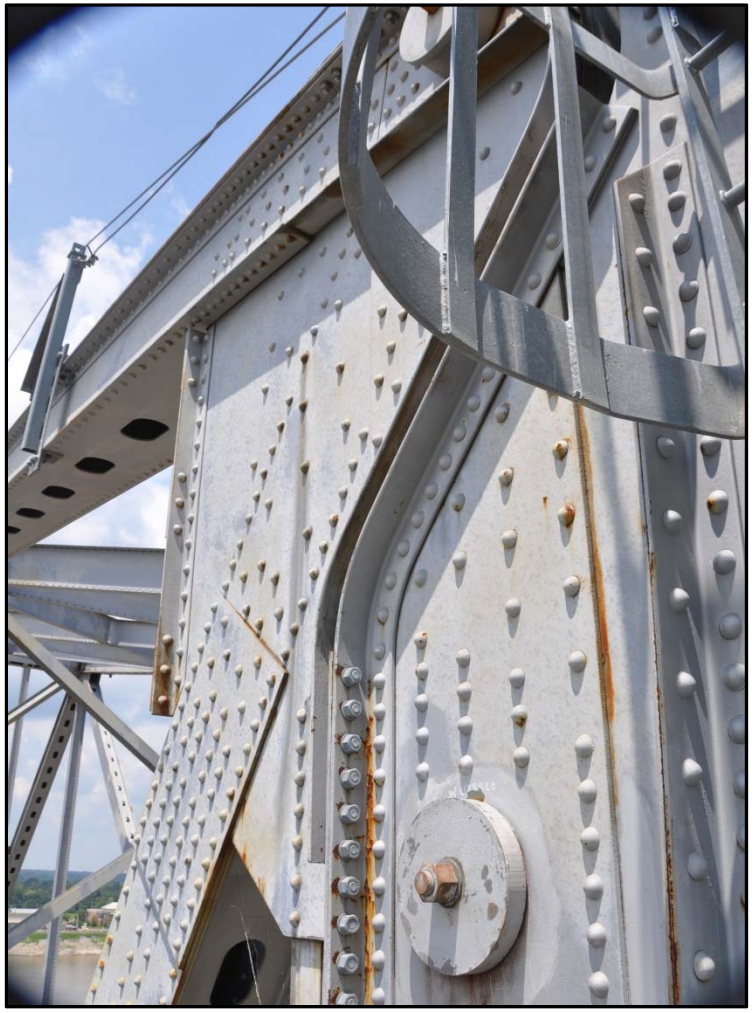
U29 Downstream Truss

U29 Downstream Truss



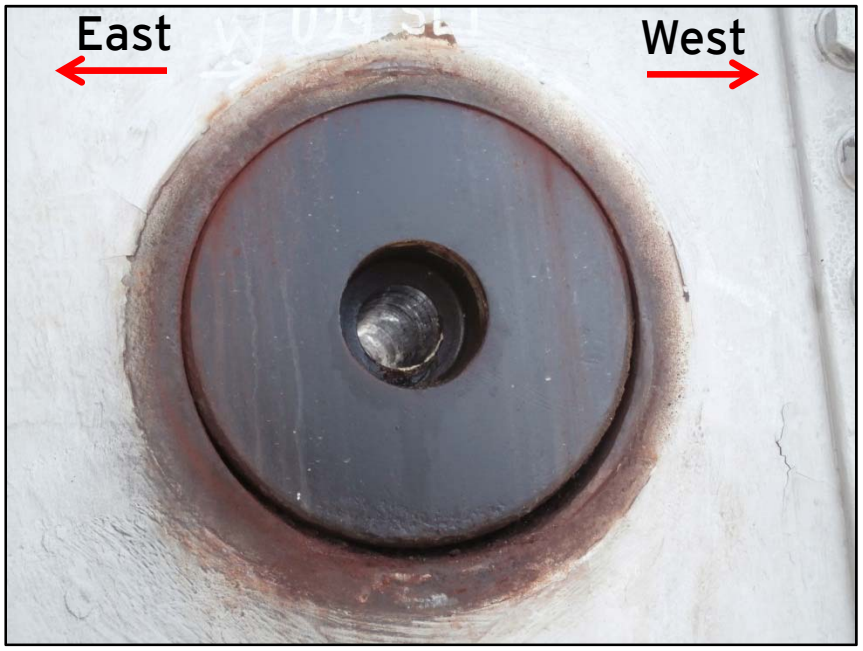
U29 Downstream Truss





U29 Downstream Truss

U29 Downstream Truss (Upstream Side)



1995	2010	2012
0.000” Rotated 2 ¾”	0.000”	-0.0781” (Ave.)

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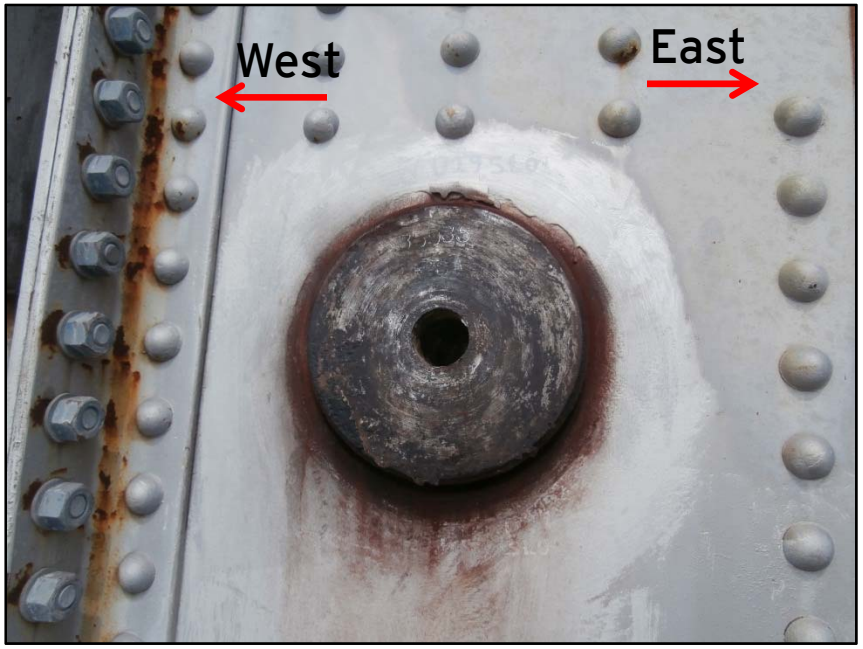
U29 Downstream Truss

U29 Downstream Truss (Downstream Side)



1995	2010	2012
1.000” Rotated 2 ¾”	1.000”	1.0625” (Ave.)

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Panel Point U49 Upstream Truss

(2013)

HNTB

U49 Upstream Truss

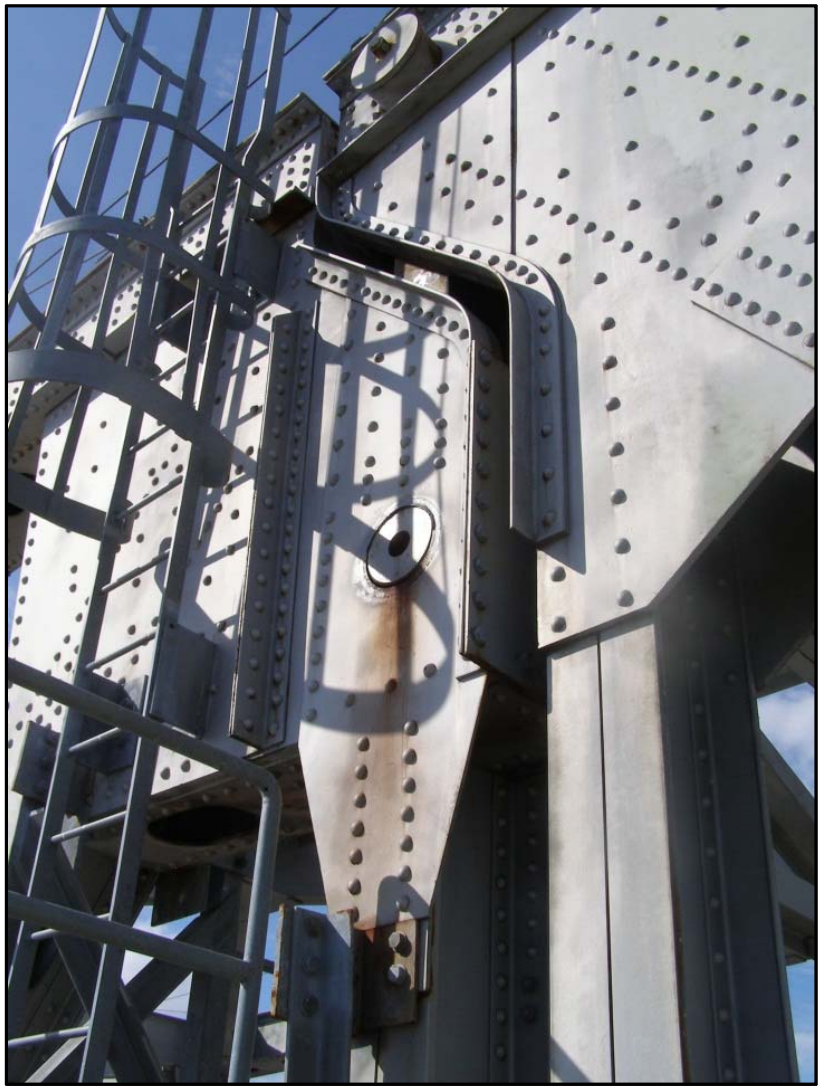
U49 Upstream Truss

U49 Upstream Truss

U49 Upstream Truss

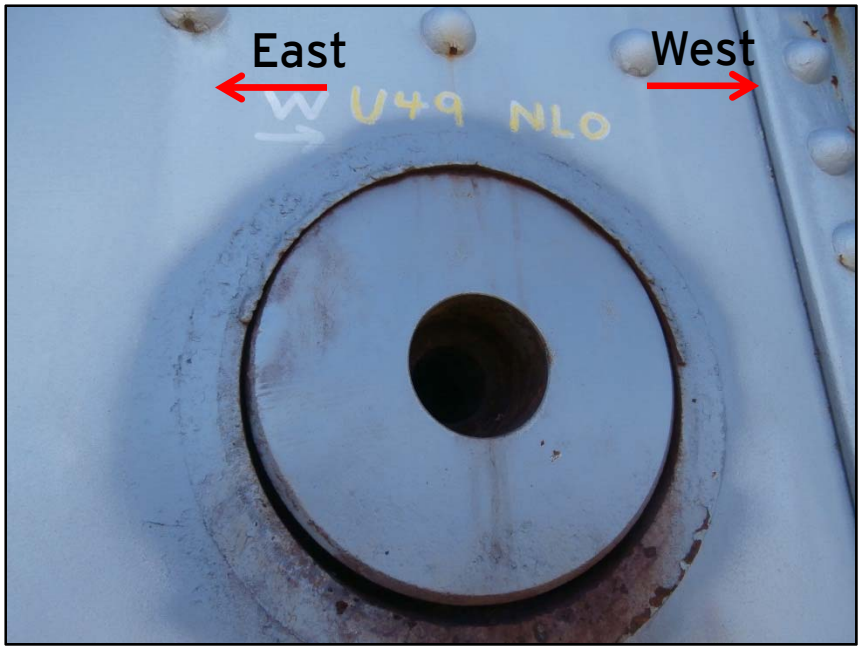
U49 Upstream Truss

U49 Upstream Truss



U49 Upstream Truss

U49 Upstream Truss (Upstream Side)



1995	2010	2012
Not measured	0.0625”	0.028” (Ave.)

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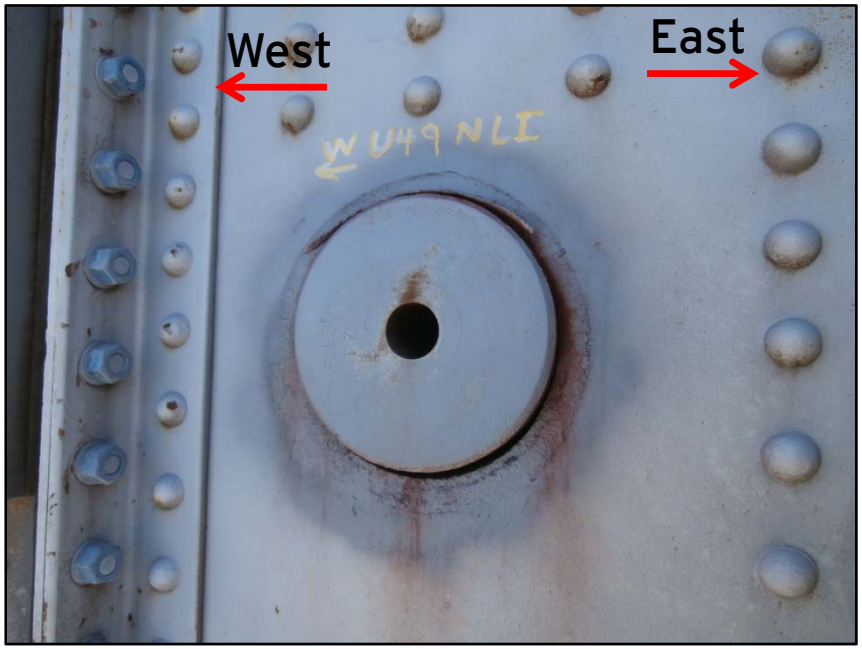
U49 Upstream Truss

U49 Upstream Truss (Downstream Side)



1995	2010	2012
Not measured	0.8125”	1.008” (Ave.)

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