

DECK UNDERSIDE & STEEL FRAMING

OUTSIDE EDGE GIRDER AND PARAPET

SPALL ON DECK UNDERSIDE

TOP OF DECK REPAIRS

BEARING AT ABUTMENT

TOP OF DECK REPAIRS

SHIP LAP JOINT

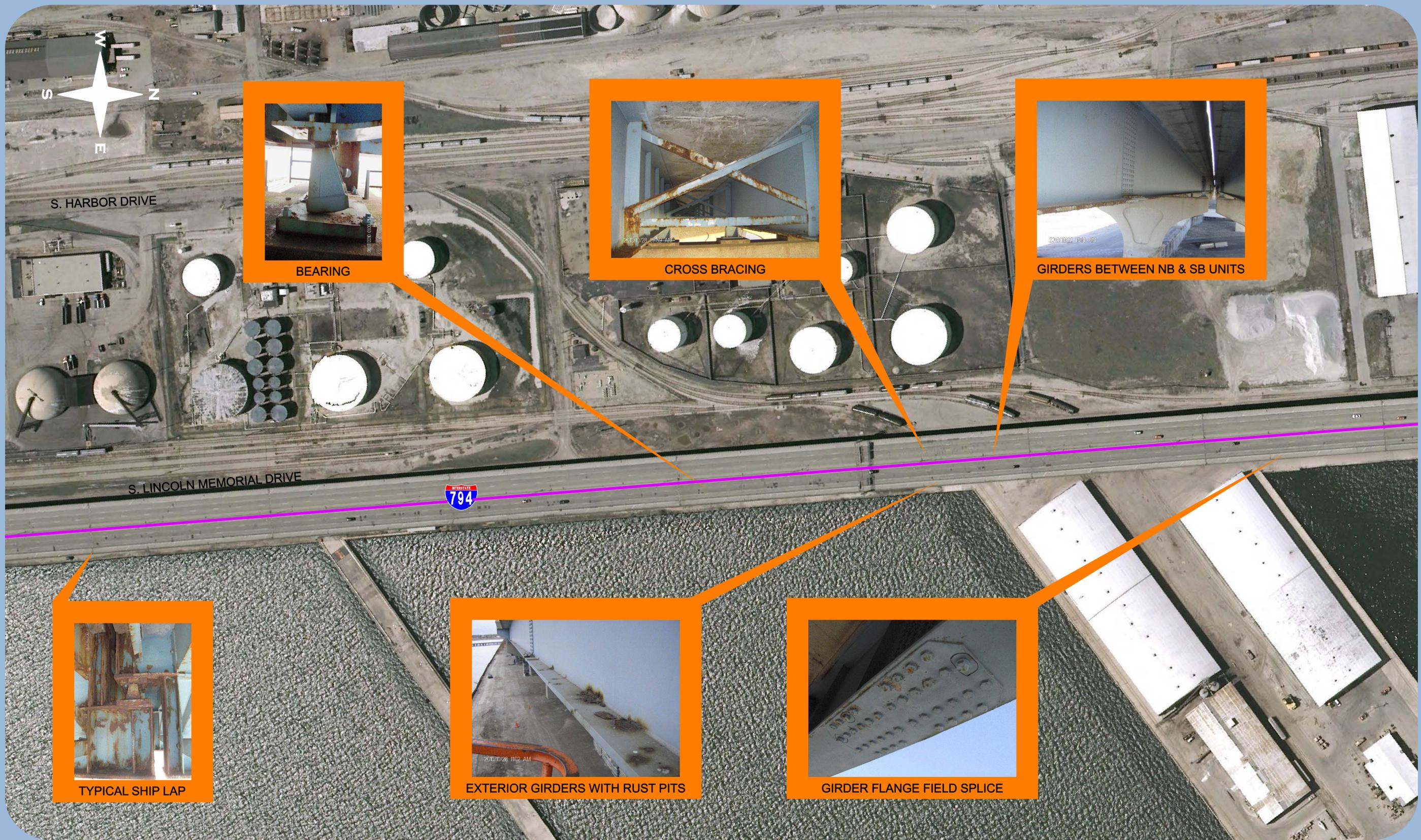
**LEGEND**

- █ MAIN SPAN
- █ THREE GIRDER UNITS
- █ MULTI-GIRDER UNITS

I-794

**HOAN BRIDGE**  
MILWAUKEE COUNTY, WI





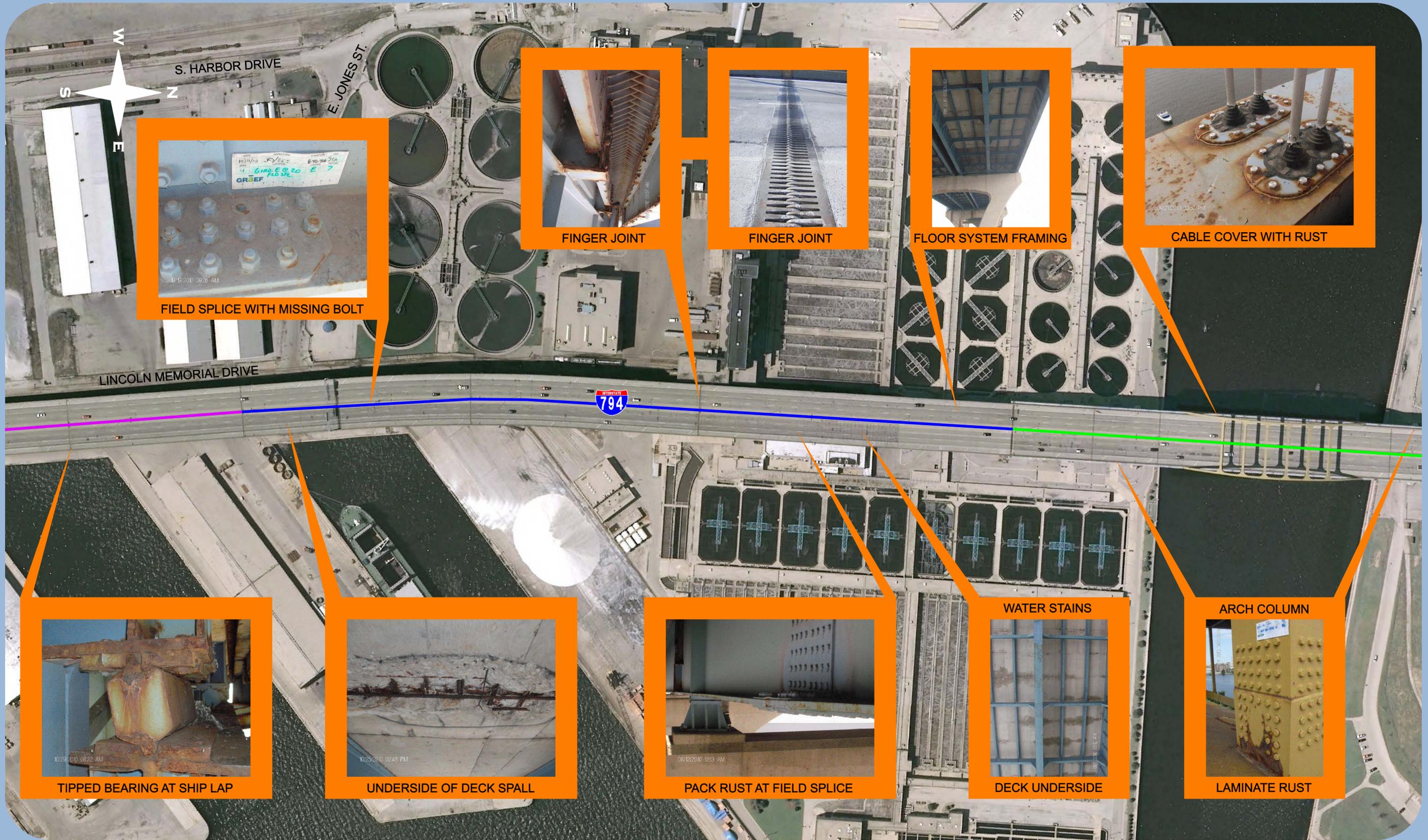
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10/19/10 09:26 AM  
 6100 E 20 E 7  
 GREEK FLOOR



FINGER JOINT



FINGER JOINT

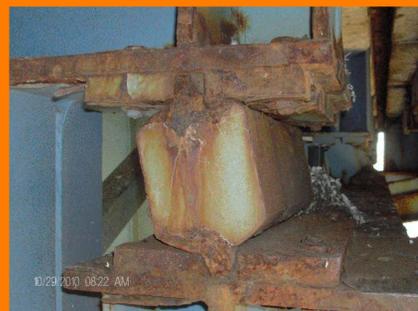


FLOOR SYSTEM FRAMING



CABLE COVER WITH RUST

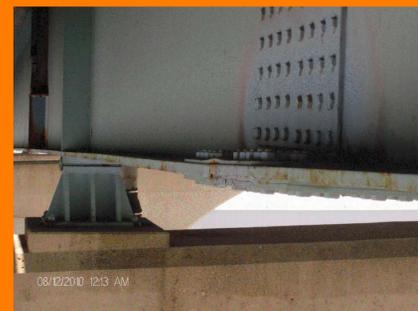
FIELD SPLICE WITH MISSING BOLT



TIPPED BEARING AT SHIP LAP



UNDERSIDE OF DECK SPALL



PACK RUST AT FIELD SPLICE



WATER STAINS

DECK UNDERSIDE



ARCH COLUMN

LAMINATE RUST

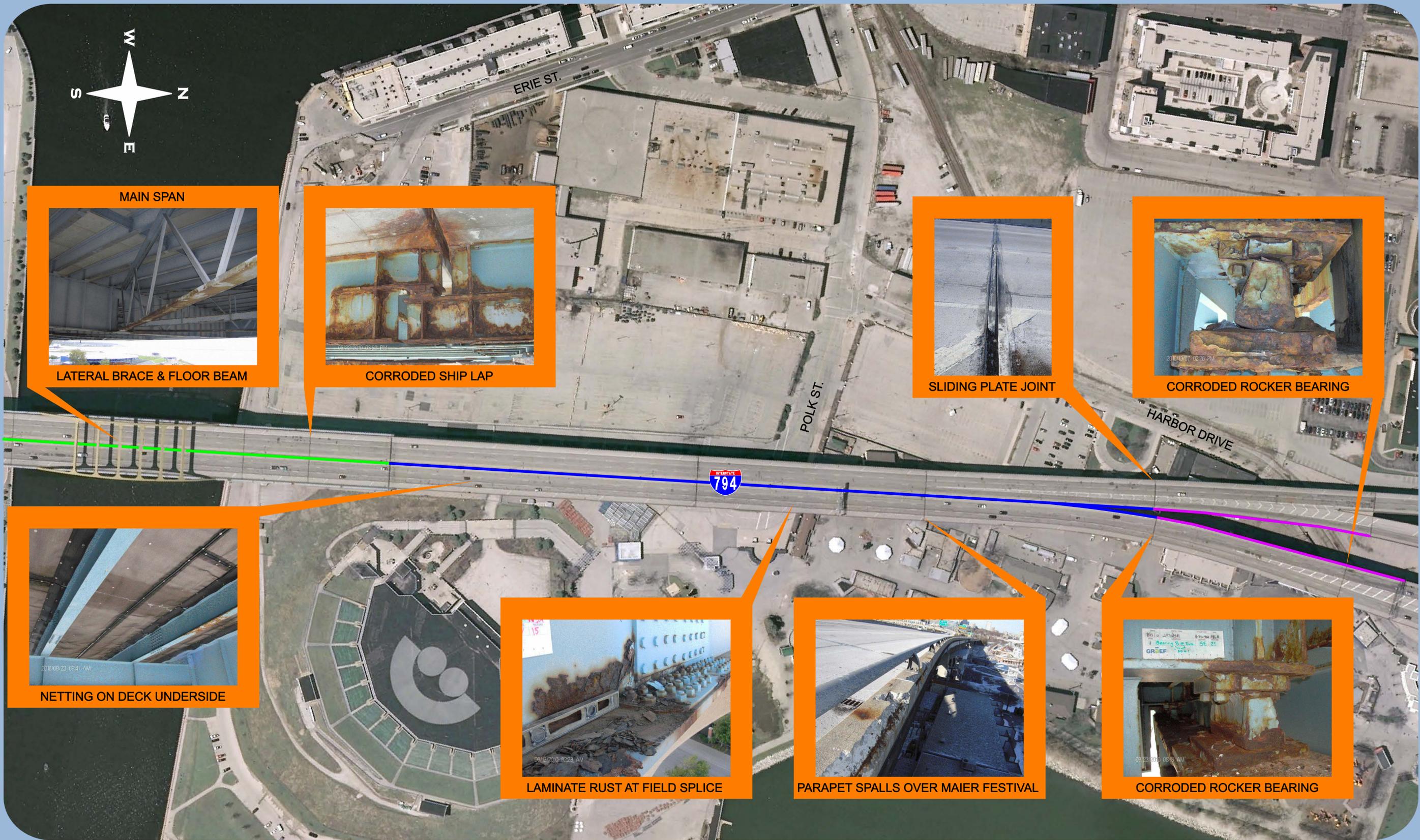
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MAIN SPAN



LATERAL BRACE & FLOOR BEAM



CORRODED SHIP LAP



SLIDING PLATE JOINT



CORRODED ROCKER BEARING



NETTING ON DECK UNDERSIDE



LAMINATE RUST AT FIELD SPLICE



PARAPET SPALLS OVER MAIER FESTIVAL



CORRODED ROCKER BEARING

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MILWAUKEE COUNTY, WI





TYPICAL CONDITION



B-40-283-038B  
IH-794 EB

OF INTERIOR PARAPETS

SIGNIFICANT DISTRESS



B-40-285-038B  
North side of Structure  
Looking West

AND THROUGH FLOOR  
DISTRESS AT BOTTOM OF  
CONCRETE BOX GIRDERS.  
NOTE BOX IS OVER  
LIVE TRAFFIC

TYPICAL EXTERIOR PARAPETS.



B-40-285-037B  
I-794 WB

NOTE PARAPETS OVER LIVE TRAFFIC

TYPICAL CONDITION OF POST-TENSION



B-40-285-038C  
Corrosion on Post Tensioning Anchorages

RODS AT EXTERIOR SHIPLAP

RIDING SURFACE WITH PATCHES



B-40-285-038D  
I-794 EB

AND CONTINUED DISTRESS

HEAVILY CORRODED PILE



B-40-285-037CA  
Corroded pile

IN CELLULAR ABUTMENT

REPAIR AREAS UNDER BOX GIRDERS

B-40-400-002A  
I-794 WB  
Existing Repairs



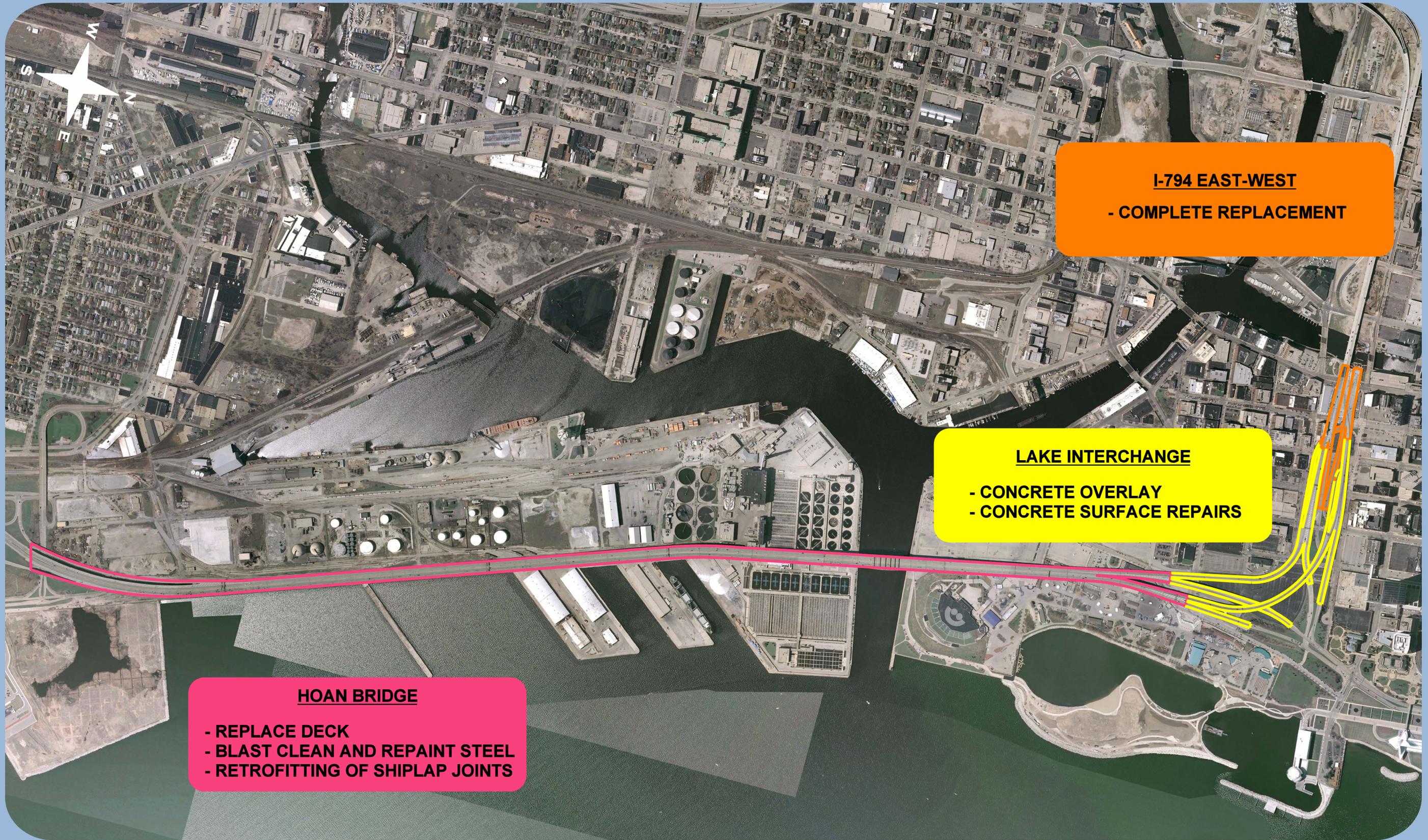
WITH ADDITIONAL STRESS

I-794

# LAKE INTERCHANGE

MILWAUKEE COUNTY, WI





**I-794 EAST-WEST**  
**- COMPLETE REPLACEMENT**

**LAKE INTERCHANGE**  
**- CONCRETE OVERLAY**  
**- CONCRETE SURFACE REPAIRS**

**HOAN BRIDGE**  
**- REPLACE DECK**  
**- BLAST CLEAN AND REPAINT STEEL**  
**- RETROFITTING OF SHIPLAP JOINTS**

**I-794**  
**MILWAUKEE COUNTY, WI**

