



KENTUCKY  
TRANSPORTATION  
CABINET

Michael Baker  
INTERNATIONAL

Brent Spence Bridge Aerial  
NOV. 16, 2020



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**HEAT AFFECTED ZONE**



REMOVED CONCRETE DECK

REMOVED CONCRETE BARRIERS

# COMPLETED REPAIRS: UPPER/SOUTHBOUND DECK



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REMOVED STEEL BEAMS



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**COMPLETED REPAIRS: UPPER/SOUTHBOUND DECK**



REPLACED STEEL BEAMS

COMPLETED REPAIRS: UPPER/SOUTHBOUND DECK



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INSTALLED NEW  
CONCRETE DECK PANS

# COMPLETED REPAIRS: UPPER/SOUTHBOUND DECK





INSTALLED NEW REBAR

# COMPLETED REPAIRS: UPPER/SOUTHBOUND DECK





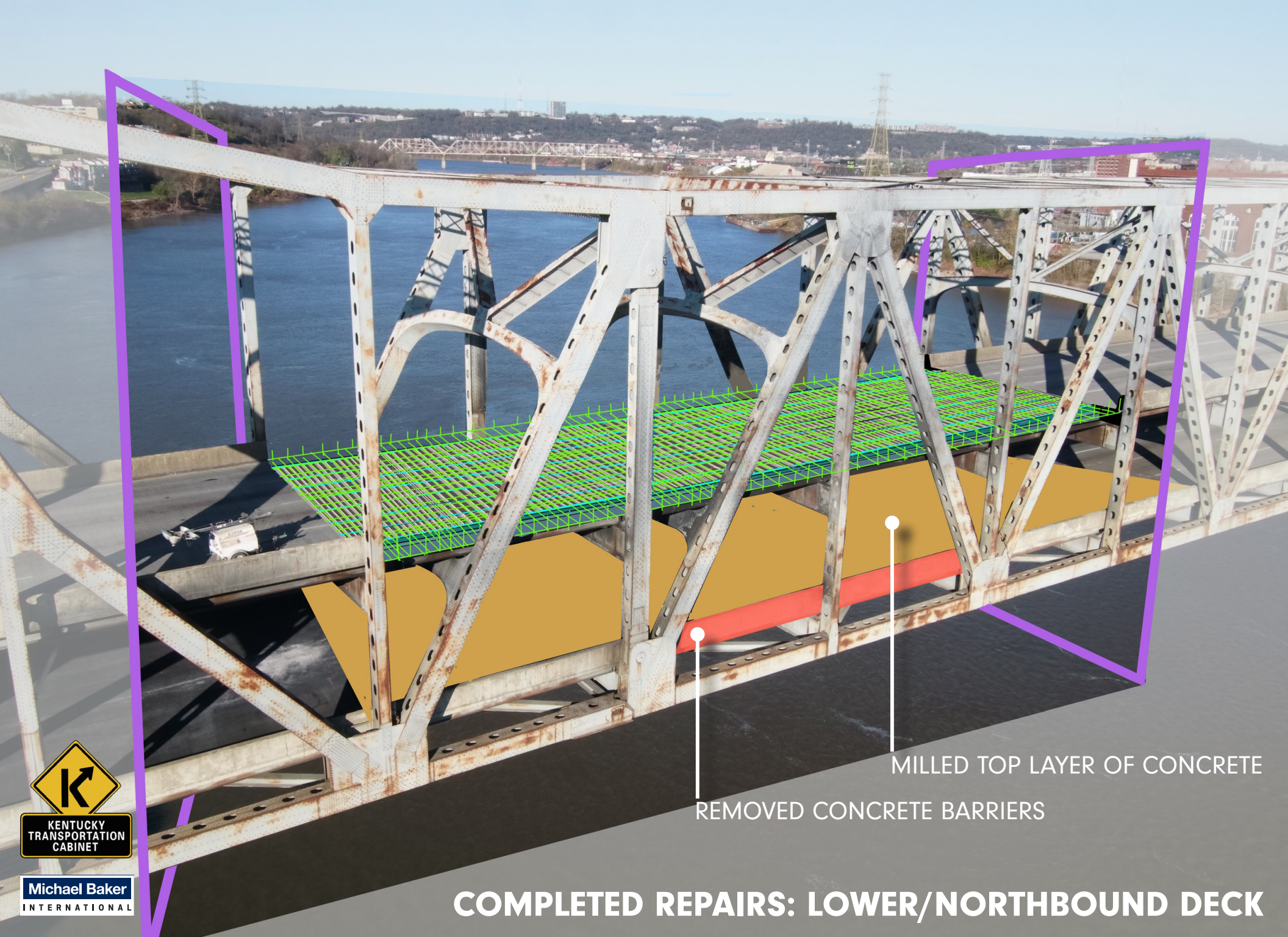
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INSTALLED NEW TIE-INS FOR  
CONCRETE BARRIERS

**COMPLETED REPAIRS: UPPER/SOUTHBOUND DECK**





MILLED TOP LAYER OF CONCRETE

REMOVED CONCRETE BARRIERS

# COMPLETED REPAIRS: LOWER/NORTHBOUND DECK



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INSTALLED NEW TIE-INS FOR  
CONCRETE BARRIERS

**COMPLETED REPAIRS: LOWER/NORTHBOUND DECK**



POURED NEW CONCRETE LAYER

POURED NEW CONCRETE BARRIERS

POURED NEW CONCRETE DECK

# COMPLETED REPAIRS: UPPER AND LOWER DECKS





COMPLETED FINAL INSPECTIONS

RESTRIPED NEW CONCRETE

**COMPLETED REPAIRS: UPPER AND LOWER DECKS**



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