



Safe & Sound = N

Missouri Department of Transportation
Bridge Inspection Report

DISTRICT : KC COUNTY : JACKSON A5904

KC

GENERAL STRUCTURE INFORMATION

STRUCTURE NUMBER : A5904 4426	STRUCTURE STATUS : A-OPEN	MAINTENANCE DISTRICT : KC	MAINTENANCE COUNTY : JACKSON	PLACE CODE : 38000 KANSAS CITY CITY
DISTRICT : KC	DIRECTION OF TRAFFIC : 2-WAY TRAF	OWNED BY : MODOT	MAINTAINED BY : MODOT	INSPECTORS : RICHARD KINGERY (STATE), TERRY WILSON (STATE)
COUNTY : JACKSON	STRUCTURE CLASS : STATBR	FUNCTIONAL CLASSIFICATION : INTERSTATE		INSPECTION DATE : 10/11/2011
FACILITY CARRIED : IS 435 S	DEFICIENT CODE :	LANES ON STRUCTURE : 4		INSPECTION FREQUENCY : 24
CURB TO CURB : 68 Ft. 0 In.	SUB AREA : 7C32	LANES UNDER STRUCTURE : 3		LATITUDE : 38 56 14.05 (DMS)
STRUCTURE LENGTH : 243 FEET	YEAR BUILT : 1994	BEGINNING COMPASS DIRECTION : WEST		LONGITUDE : 94 36 27.56 (DMS)
FEATURE INTERSECTED : CRD STATE LINE RD	RECONSTRUCTION YEAR : 0	ENDING COMPASS DIRECTION : EAST		SCOUR EVALUATION TYPE :

POSTING INFORMATION

ADVANCE SIGNING

APPROVED POSTING CATEGORY : S-1	LIMITS : NO POSTING REQUIRED	NO POSTING REQUIRED	SIGN TYPE :
FIELD POSTING CATEGORY : S-1	LIMITS : NO POSTING REQUIRED	NO POSTING REQUIRED	PROBLEM :
POSTING PROBLEM :		DIRECTION :	DIRECTION :
COMMENTS :			

FACILITY CARRIED INFORMATION

(ITEM 29) AVERAGE DAILY TRAFFIC : 72876	(ITEM 30) YEAR OF AVERAGE DAILY TRAFFIC : 2013	PERMITTED VERTICAL CLEARANCE :
(ITEM 53) VERTICAL CLEARANCE OVER DECK :	DATE :	

OTHER INSPECTION INFORMATION

NBI : PIN : CATEGORY : METHODS : INSPECTORS : COMMENTS :	FREQUENCY : DATE :	NBI : PIN : CATEGORY : METHODS : INSPECTORS : COMMENTS :	FREQUENCY : DATE :	NBI : PIN : CATEGORY : METHODS : INSPECTORS : COMMENTS :	FREQUENCY : DATE :
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PROGRAM NOTES

PROGRAM YEAR :	PROJECT NO. :	LETTING MONTH :	LETTING YEAR :
COMMENTS :			
PROGRAM ITEMS :			

GENERAL COMMENTS : Comment 1: (45'-75'-75'-45') CONT COMP P.G.				
RATINGS : (ITEM 58) DECK RATING : 7-GOOD CONDITION	10/31/2011	(ITEM 59) SUPERSTRUCTURE RATING : 8-VERY GOOD CONDITION	05/18/2001	(ITEM 60) SUBSTRUCTURE RATING : 7-GOOD CONDITION
COMMENTS : MANY T-CRKS		COMMENTS :		COMMENTS : CRKING IN ABUT CAPS

SUMMARY COMPONENTS

MAIN SERIES 1 CONTINUOUS SPAN	STEEL	WIDE FLANGE GIRDERS	NUMBER OF SPANS : 4
TOTAL NUMBER OF SPANS : 4			
RAILING RATINGS :			
(ITEM 36A) BRIDGE RAILING : 1 MEETS CURRENT STANDARDS	COMMENT S :		
(ITEM 36B) TRANSITION RAILING : 1 MEETS CURRENT STANDARDS	COMMENT S :		
(ITEM 36C) APPROACH RAILING : 1 MEETS CURRENT STANDARDS	COMMENT S :		
(ITEM 36D) RAIL END TREATMENT : 1 MEETS CURRENT STANDARDS	COMMENT S :		
(ITEM 36A) BRIDGE RAILING :			
COMPONENT : BRIDGE RAILING	REINFORCED CONCRETE	SAFETY BARRIER CURB	DIRECTION : BOTH
CONDITION : EFFLORESCENCE	THROUGHOUT	MODERATE	
CONDITION : TRANSVERSE CRACKS	THROUGHOUT	MANY	
(ITEM 36B) TRANSITION RAILING :			
COMPONENT : TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : BOTH-NORTH
(ITEM 36C) APPROACH RAILING :			
COMPONENT : APPROACH RAILING	GALVANIZED STEEL	W-BEAM	DIRECTION : BOTH-NORTH
(ITEM 36D) RAIL END TREATMENT :			

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COMPONENT : RAIL END TREATMENT	GALVANIZED STEEL	BREKAWAY SYSTEM	MANUFACTURE : ET-2000	DIRECTION : BOTH-NORTH
APPROACH PAVEMENT :				
COMPONENT : APPROACH PAVEMENT	REINFORCED CONCRETE	TIED SLAB	DIRECTION : BOTH	
CONDITION : SPALLS	THROUGHOUT	MINOR		

DECK / RAILING ELEMENTS

(ITEM 58) OVERALL CONDITION RATING : 7-GOOD CONDITION

COMMENT S : MANY T-CRKS

DECK COMPONENTS

MAIN SPANS	1		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE-P/C FORMS
CONDITION : EFFLORESCENCE		THROUGHOUT	HEAVY
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : LONGITUDINAL CRACKS		THROUGHOUT	MANY
MAIN SPANS	2		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE-P/C FORMS
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : LONGITUDINAL CRACKS		THROUGHOUT	MANY
MAIN SPANS	3		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE-P/C FORMS
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : LONGITUDINAL CRACKS		THROUGHOUT	MANY
MAIN SPANS	4		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE-P/C FORMS
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : LONGITUDINAL CRACKS		THROUGHOUT	FEW

DRAINAGE COMPONENTS

DRAINAGE	0		
COMPONENT : DRAINAGE		GEOTEXTILE FABRIC	VERTICAL DRAIN-END BENT

PROTECTIVE COMPONENTS

MAIN SERIES	1			
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC	
COMPONENT : DECK PROTECTION		EPOXY POLYMER	COATED REBAR	
COMPONENT : MEMBRANE		NOTAPPLICABLE	NONE	
COMPONENT : SECONDARY DECK PROTECTION		LIQUID SEALANT	INTERNALLY SEALED	MANUFACTURE : STAR MACRO YEAR APPLIED : 2009

RAILING COMPONENTS

BRIDGE RAILING	0		
COMPONENT : BRIDGE RAILING		REINFORCED CONCRETE	SAFETY BARRIER CURB
CONDITION : EFFLORESCENCE		THROUGHOUT	MODERATE
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
COMPONENT : TRANSITION RAILING		GALVANIZED STEEL	THRIE BEAM TO W-BEAM
COMPONENT : APPROACH RAILING		GALVANIZED STEEL	W-BEAM
COMPONENT : RAIL END TREATMENT		GALVANIZED STEEL	BREKAWAY SYSTEM

SUPERSTRUCTURE ELEMENTS

(ITEM 59) OVERALL CONDITION RATING : 8-VERY GOOD CONDITION

MAIN SERIES	1	CONTINUOUS SPAN	STEEL	WIDE FLANGE GIRDERS	NUMBER OF SPANS : 4
APPROACH ROADWAY WIDTH :	68 FOOT 0 INCH	CURB TO CURB :	68 FOOT 0 INCH	OUT TO OUT :	70 FOOT 9.6 INCH
				LEFT CURB WIDTH :	0 FOOT 0 INCH
				RIGHT CURB WIDTH :	0 FOOT 0 INCH
MAIN SPANS 1	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 45 FOOT 0 INCH
MAIN SPANS 2	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 75 FOOT 0 INCH
MAIN SPANS 3	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 75 FOOT 0 INCH
MAIN SPANS 4	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 45 FOOT 0 INCH

TOTAL NUMBER OF SPANS 4



SUBSTRUCTURE ELEMENTS

(ITEM 60) OVERALL CONDITION RATING : 7-GOOD CONDITION

COMMENT S : CRKING IN ABUT CAPS

ABUTMENT 1	LABEL :		REINFORCED CONCRETE	INTEGRAL
LENGTH : 76 FOOT 5 INCH				
CONDITION : MODERATE LEACHING BEAM CAP	MINOR	VERTICAL CRACKS BEAM CAP		
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
PILING		STEEL	H-SHAPE	
STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : VERTICAL CRACKS	THROUGHOUT	FEW		
EXPANSION BEARING		ELASTOMERIC	LAMINATED NEOPRENE/PTFE	OVERALL CONDITION: REINFORCED CONCRETE
PIER 2	LABEL : PIER 1			MULTIPLE COLUMN
LENGTH : 74 FOOT 6 INCH				
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
DRILLED SHAFT		REINFORCED CONCRETE	CAST-IN-PLACE	
EXPANSION BEARING		ELASTOMERIC	LAMINATED NEOPRENE/PTFE	OVERALL CONDITION: REINFORCED CONCRETE
PIER 3	LABEL : PIER 2			MULTIPLE COLUMN
LENGTH : 74 FOOT 6 INCH				
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
DRILLED SHAFT		REINFORCED CONCRETE	CAST-IN-PLACE	
EXPANSION BEARING		ELASTOMERIC	LAMINATED NEOPRENE/PTFE	OVERALL CONDITION: REINFORCED CONCRETE
PIER 4	LABEL : PIER 3			MULTIPLE COLUMN
LENGTH : 74 FOOT 6 INCH				
CONDITION : MINOR VERTICAL CRACKS COLUMN				
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
DRILLED SHAFT		REINFORCED CONCRETE	CAST-IN-PLACE	
EXPANSION BEARING		ELASTOMERIC	LAMINATED NEOPRENE/PTFE	OVERALL CONDITION: REINFORCED CONCRETE
ABUTMENT 5	LABEL :		REINFORCED CONCRETE	INTEGRAL
LENGTH : 76 FOOT 5 INCH				
CONDITION : MINOR VERTICAL CRACKS BEAM CAP	MINOR	DELAMINATION BEAM CAP	MINOR SPALLS BEAM CAP	MODERATE LEACHING BEAM CAP
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
PILING		STEEL	H-SHAPE	
STRAIGHT WINGS		REINFORCED CONCRETE	CAST-IN-PLACE	
EXPANSION BEARING		ELASTOMERIC	LAMINATED NEOPRENE/PTFE	OVERALL CONDITION:

MISCELLANEOUS ITEMS

1 MEETS CURRENT STANDARDS
 COMMENTS : MANY T-CRKS
 COMMENTS : CRKING IN ABUT CAPS
CHANNEL PROTECTION (ITEM 61) CHANNEL CONDITION RATING : N-NOT APPLIC NO WATRWAY
SCOUR CONDITION (ITEM 113) OVERALL SCOUR CONDITION RATING : N-NOT APPLIC NOT WATERW
WATERWAY ADEQUACY (ITEM 71) WATERWAY ADEQUACY RATING : NOT APPLICABLE
APPROACH ROADWAY (ITEM 72) APPROACH ROADWAY ALIGNMENT RATING : 8-VERYGOOD
SLOPE PROTECTION PLAIN CONCRETE PAVEDSLOPE BOTH
UTILITY ATTACHMENTS



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STRUCTURE PAINT DETAILS

OVERALL PAINT CONDITION GOOD

RUST AMOUNT : 8=.1% OF SURFACE RUSTED

STEEL TONS : 339

ORIGINAL PAINT

CONTRACT REPAINT

DEPARTMENT REPAINT

MANUFACTURE :

SURFACE PREPARATION :

PAINT TYPE :

PAINT TYPE :

C SYSTEM

PAINT TYPE :

NAME :

NAME :

INORGANIC ZINC/VINYL

NAME :

PAINT COLOR :

PAINT COLOR :

GREEN

PAINT COLOR :

PAINT YEAR : 0

PAINT YEAR : 1995

PAINT YEAR : 0

MILS : 0

MILS : 6

MILS : 0

CREW :

LAYER :

DATE :

WORK

RESPONSIBILITY	LOCATION	WORK ITEM	PRIORITY	DATE REQUESTED
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PROGRAM RECOMMENDATIONS