



Safe & Sound =

Missouri Department of Transportation  
Bridge Inspection Report

DISTRICT : KC COUNTY : JACKSON A0990

KC

GENERAL STRUCTURE INFORMATION

STRUCTURE NUMBER : <b>A0990</b> 742	STRUCTURE STATUS : A-OPEN	MAINTENANCE DISTRICT : KC	MAINTENANCE COUNTY : JACKSON	PLACE CODE : 35000 INDEPENDENCE CITY
DISTRICT : <b>KC</b>	DIRECTION OF TRAFFIC : 1-WAY TRAF	OWNED BY : MODOT	MAINTAINED BY : MODOT	INSPECTORS : RICHARD KINGERY (STATE)
COUNTY : <b>JACKSON</b>	STRUCTURE CLASS : STATBR	FUNCTIONAL CLASSIFICATION : INTERSTATE		INSPECTION DATE : 9/30/2011
FACILITY CARRIED : <b>RP IS435N TO IS70W W</b>	DEFICIENT CODE :	LANES ON STRUCTURE : 2		INSPECTION FREQUENCY : 24
CURB TO CURB : 27 Ft. 0 In.	SUB AREA : 7C32	LANES UNDER STRUCTURE : 7		LATITUDE : 39 3 33.48704 (DMS)
STRUCTURE LENGTH : 314 FEET	YEAR BUILT : 1962	BEGINNING COMPASS DIRECTION : SOUTH		LONGITUDE : 94 29 26.03058 (DMS)
FEATURE INTERSECTED : <b>IS 70</b>	RECONSTRUCTION YEAR : 0	ENDING COMPASS DIRECTION : NORTH		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 : 9278	(ITEM 30) YEAR OF AVERAGE DAILY TRAFFIC : 2013	PERMITTED VERTICAL CLEARANCE : 16'0"	IS 70 E
(ITEM 53) VERTICAL CLEARANCE OVER DECK :	DATE :	PERMITTED VERTICAL CLEARANCE : 15'5"	IS 70 W

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 :			

<b>GENERAL COMMENTS :</b> (66'-83'-88'-70') CONT CONC BOX GDR SPANS				
<b>RATINGS :</b> (ITEM 58) DECK RATING : 8-VERY GOOD CONDITION	02/04/2004	(ITEM 59) SUPERSTRUCTURE RATING : 8-VERY GOOD CONDITION	02/04/2004	(ITEM 60) SUBSTRUCTURE RATING : 6-SATISFACTORY CONDITION
COMMENTS :		COMMENTS :		COMMENTS :
				05/18/2001

SUMMARY COMPONENTS

<b>MAIN SERIES</b> 1 CONTINUOUS SPAN	REINFORCED CONCRETE	BOX GIR-CIP MUL CELL	NUMBER OF SPANS : 4
TOTAL NUMBER OF SPANS : 4			
<b>RAILING RATINGS :</b>			
(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 :	
<b>(ITEM 36A) BRIDGE RAILING :</b>			
COMPONENT : BRIDGE RAILING	REINFORCED CONCRETE	PARAPET	DIRECTION : BOTH
COMPONENT : BRIDGE RAILING	REINFORCED CONCRETE	BLOCKOUT	
<b>(ITEM 36B) TRANSITION RAILING :</b>			
COMPONENT : TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : NORTHEAST
COMPONENT : TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : SOUTHWEST
COMPONENT : TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : SOUTHEAST
<b>(ITEM 36C) APPROACH RAILING :</b>			

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COMPONENT : APPROACH RAILING <b>(ITEM 36D) RAIL END TREATMENT :</b>	GALVANIZED STEEL	W-BEAM	DIRECTION : NORTHEAST	
COMPONENT : RAIL END TREATMENT	GALVANIZED STEEL	BREKAWAY SYSTEM	MANUFACTURE : ET-2000	DIRECTION : SOUTHWEST
COMPONENT : RAIL END TREATMENT	GALVANIZED STEEL	BREKAWAY SYSTEM	MANUFACTURE : ET-2000	DIRECTION : SOUTHEAST
<b>APPROACH PAVEMENT :</b>				
COMPONENT : APPROACH PAVEMENT	REINFORCED CONCRETE	TIED SLAB	DIRECTION : BOTH	

**DECK / RAILING ELEMENTS**

**(ITEM 58) OVERALL CONDITION RATING : 8-VERY GOOD CONDITION**

**DECK COMPONENTS**

MAIN SPANS	1			
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE	
MAIN SPANS	2			
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE	
MAIN SPANS	3			
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE	
MAIN SPANS	4			
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE	

**EXPANSION DEVICES**

ABUTMENT	1			
COMPONENT : CLOSED EXPANSION JOINT		ELASTOMERIC	STRIP SEAL	OVERALL CONDITION : FAIR
ABUTMENT	5			
COMPONENT : CLOSED EXPANSION JOINT		ELASTOMERIC	STRIP SEAL	OVERALL CONDITION : FAIR

**PROTECTIVE COMPONENTS**

MAIN SERIES	1			
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	LOW SLUMP	OVERALL CONDITION : FAIR
CONDITION : MAP CRACKS		THROUGHOUT	MANY	
COMPONENT : DECK PROTECTION		LIQUID SEALANT	INTERNALLY SEALED	MANUFACTURE : STAR MACRO YEAR APPLIED : 2009
COMPONENT : MEMBRANE		LIQUID SEALANT	BUILT-UP	

**RAILING COMPONENTS**

BRIDGE RAILING	0			
COMPONENT : BRIDGE RAILING		REINFORCED CONCRETE	PARAPET	
COMPONENT : BRIDGE RAILING		REINFORCED CONCRETE	BLOCKOUT	
COMPONENT : TRANSITION RAILING		GALVANIZED STEEL	THRIE BEAM TO W-BEAM	
COMPONENT : APPROACH RAILING		GALVANIZED STEEL	W-BEAM	
COMPONENT : TRANSITION RAILING		GALVANIZED STEEL	THRIE BEAM TO W-BEAM	
COMPONENT : RAIL END TREATMENT		GALVANIZED STEEL	BREKAWAY SYSTEM	
COMPONENT : TRANSITION RAILING		GALVANIZED STEEL	THRIE BEAM TO W-BEAM	
COMPONENT : RAIL END TREATMENT		GALVANIZED STEEL	BREKAWAY SYSTEM	

**SUPERSTRUCTURE ELEMENTS**

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

<b>MAIN SERIES</b>	1	CONTINUOUS SPAN	REINFORCED CONCRETE	BOX GIR-CIP MUL CELL	NUMBER OF SPANS : 4				
COMMENTS :	SPAN 1 AND 4 - SHEAR TENSION CRACKS SPAN 2 AND 3 - TENSION CRACKS								
APPROACH ROADWAY WIDTH :	30 FOOT 0 INCH	CURB TO CURB :	27 FOOT 0 INCH	OUT TO OUT :	31 FOOT 9.6 INCH	LEFT CURB WIDTH :	0 FOOT 0 INCH	RIGHT CURB WIDTH :	0 FOOT 0 INCH
MAIN SPANS	1	CONTINUOUS SPAN	NON-COMPOSITE REINFORCED CONCRETE	BOX GIR-CIP MUL CELL	LENGTH : 66 FOOT 11 INCH	LENGTH :	90 FOOT 0 INCH	WEATHERING IND :	
MAIN SPANS	2	CONTINUOUS SPAN	NON-COMPOSITE REINFORCED CONCRETE	BOX GIR-CIP MUL CELL	LENGTH : 83 FOOT 8 INCH	WEATHERING IND :			
MAIN SPANS	3	CONTINUOUS SPAN	NON-COMPOSITE REINFORCED CONCRETE	BOX GIR-CIP MUL CELL	LENGTH : 88 FOOT 9 INCH	WEATHERING IND :			
MAIN SPANS	4	CONTINUOUS SPAN	NON-COMPOSITE REINFORCED CONCRETE	BOX GIR-CIP MUL CELL	LENGTH : 70 FOOT 11 INCH	WEATHERING IND :			
TOTAL NUMBER OF SPANS 4									

**SUBSTRUCTURE ELEMENTS**

**(ITEM 60) OVERALL CONDITION RATING : 6-SATISFACTORY CONDITION**

<b>ABUTMENT</b>	1	LABEL :	REINFORCED CONCRETE	NON-INTEGRAL
RIGHTADVAN LENGTH :	31 FOOT 9 INCH			

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BACKWALL			REINFORCED CONCRETE	CAST-IN-PLACE		
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE		
CONDITION : SPALLS	THROUGHOUT		MINOR			
CONDITION : VERTICAL CRACKS	THROUGHOUT		MINOR			
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE		
FOOTING			REINFORCED CONCRETE	SPREAD		
TURNED BACK WINGS			REINFORCED CONCRETE	CAST-IN-PLACE		
CLOSED EXPANSION JOINT			ELASTOMERIC	STRIP SEAL	OVERALL CONDITION: FAIR	
EXPANSION BEARING			STEEL	SINGLE ROLLER	OVERALL CONDITION:	
<b>BENT</b>	2	LABEL :			REINFORCED CONCRETE	SINGLE COLUMN
FOOTING			REINFORCED CONCRETE	SPREAD		
COLUMN			REINFORCED CONCRETE	INTEGRAL CAST-IN-PLACE		
<b>BENT</b>	3	LABEL :			REINFORCED CONCRETE	SINGLE COLUMN
FOOTING			REINFORCED CONCRETE	SPREAD		
COLUMN			REINFORCED CONCRETE	INTEGRAL CAST-IN-PLACE		
<b>BENT</b>	4	LABEL :			REINFORCED CONCRETE	SINGLE COLUMN
FOOTING			REINFORCED CONCRETE	SPREAD		
COLUMN			REINFORCED CONCRETE	INTEGRAL CAST-IN-PLACE		
<b>ABUTMENT</b>	5	LABEL :			REINFORCED CONCRETE	NON-INTEGRAL
RIGHTADVAN LENGTH : 31 FOOT 9 INCH						
BACKWALL			REINFORCED CONCRETE	CAST-IN-PLACE		
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE		
CONDITION : DELAMINATION	THROUGHOUT		MODERATE			
CONDITION : SPALLS	THROUGHOUT		LARGE			
CONDITION : LEACHING	THROUGHOUT		HEAVY			
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE		
FOOTING			REINFORCED CONCRETE	SPREAD		
TURNED BACK WINGS			REINFORCED CONCRETE	CAST-IN-PLACE		
CLOSED EXPANSION JOINT			ELASTOMERIC	STRIP SEAL	OVERALL CONDITION: FAIR	
EXPANSION BEARING			STEEL	SINGLE ROLLER	OVERALL CONDITION:	

MISCELLANEOUS ITEMS

1 MEETS CURRENT STANDARDS  
**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

UTILITY ATTACHMENTS

STRUCTURE PAINT DETAILS

OVERALL PAINT CONDITION	RUST AMOUNT :	STEEL TONS :	
ORIGINAL PAINT	CONTRACT REPAINT	DEPARTMENT REPAINT	MANUFACTURE :
PAINT TYPE :	PAINT TYPE :	PAINT TYPE :	SURFACE PREPARATION :
NAME :	NAME :	NAME :	
PAINT COLOR :	PAINT COLOR :	PAINT COLOR :	
PAINT YEAR :	PAINT YEAR :	PAINT YEAR :	
MILS :	MILS :	MILS :	
CREW :	LAYER :	DATE :	

WORK

RESPONSIBILITY	LOCATION	WORK ITEM	PRIORITY	DATE REQUESTED
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PROGRAM RECOMMENDATIONS