



Safe & Sound = N

Missouri Department of Transportation
Bridge Inspection Report

DISTRICT : KC COUNTY : JACKSON A1427

KC

GENERAL STRUCTURE INFORMATION

STRUCTURE NUMBER : A1427 1184	STRUCTURE STATUS : P-POSTLOAD	MAINTENANCE DISTRICT : KC	MAINTENANCE COUNTY : JACKSON	PLACE CODE : 77506 WASHINGTON
DISTRICT : KC	DIRECTION OF TRAFFIC : 1-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 N	DEFICIENT CODE :	LANES ON STRUCTURE : 4		INSPECTION FREQUENCY : 24
CURB TO CURB : 71 Ft. 10.8 In.	SUB AREA : 7C32	LANES UNDER STRUCTURE : 3		LATITUDE : 38 56 22.96 (DMS)
STRUCTURE LENGTH : 318 FEET	YEAR BUILT : 1966	BEGINNING COMPASS DIRECTION : EAST		LONGITUDE : 94 34 2.62 (DMS)
FEATURE INTERSECTED : CST 104TH ST. UP RR	RECONSTRUCTION YEAR : 1994	ENDING COMPASS DIRECTION : WEST		SCOUR EVALUATION TYPE :

POSTING INFORMATION

ADVANCE SIGNING

APPROVED POSTING CATEGORY : S-C3	LIMITS : Ton1 : 50	WEIGHT LIMIT 50 TONS.	SIGN TYPE :
FIELD POSTING CATEGORY : S-C3	LIMITS : Ton1 : 60	WEIGHT LIMIT 60 TONS.	PROBLEM :
POSTING PROBLEM :		DIRECTION :	DIRECTION :
COMMENTS :			

FACILITY CARRIED INFORMATION

(ITEM 29) AVERAGE DAILY TRAFFIC : 65342	(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 : (46'-72'-72'-58'-55') CONT COMP WF GDR SPANS				
RATINGS : (ITEM 58) DECK RATING : 6-SATISFACTORY CONDITION	10/31/2011	(ITEM 59) SUPERSTRUCTURE RATING : 7-GOOD CONDITION	05/18/2001	(ITEM 60) SUBSTRUCTURE RATING : 6-SATISFACTORY CONDITION
COMMENTS :		COMMENTS :		COMMENTS :

SUMMARY COMPONENTS

MAIN SERIES 1 CONTINUOUS SPAN	STEEL	WIDE FLANGE GIRDERS	NUMBER OF SPANS : 5
TOTAL NUMBER OF SPANS : 5			
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
(ITEM 36B) TRANSITION RAILING :			
COMPONENT : TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : BOTH-SOUTH
(ITEM 36C) APPROACH RAILING :			
COMPONENT : APPROACH RAILING	GALVANIZED STEEL	W-BEAM	DIRECTION : BOTH-SOUTH
(ITEM 36D) RAIL END TREATMENT :			
COMPONENT : RAIL END TREATMENT	GALVANIZED STEEL	BREKAWAY SYSTEM	MANUFACTURE : ET-2000 DIRECTION : SOUTHWEST

APPROACH PAVEMENT :

Design_No = A1427



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DISTRICT : KC COUNTY : JACKSON A1427

COMPONENT : APPROACH PAVEMENT ASPHALT BITUMINOUS MAT DIRECTION : BOTH

DECK / RAILING ELEMENTS

(ITEM 58) OVERALL CONDITION RATING : 6-SATISFACTORY CONDITION

DECK COMPONENTS

MAIN SPANS	1		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : SATURATION		THROUGHOUT	MINOR
MAIN SPANS	2		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
MAIN SPANS	3		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
MAIN SPANS	4		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
MAIN SPANS	5		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY

DRAINAGE COMPONENTS

DRAINAGE	0		
COMPONENT : DRAINAGE		GALVANIZED STEEL	FLOOR DRAIN

PROTECTIVE COMPONENTS

MAIN SERIES	1			
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	LATEX MODIFIED	OVERALL CONDITION : POOR
CONDITION : DEBONDING		THROUGHOUT	MODERATE	
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY	
CONDITION : PATCHES		THROUGHOUT	MANY	
COMPONENT : DECK PROTECTION		CARBON	CATHODIC PROTECTION	
COMPONENT : MEMBRANE		LIQUID SEALANT	BUILT-UP	
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
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 : 7-GOOD CONDITION

MAIN SERIES	1	CONTINUOUS SPAN	STEEL	WIDE FLANGE GIRDERS	NUMBER OF SPANS : 5
APPROACH ROADWAY WIDTH : 73 FOOT 0 INCH		CURB TO CURB : 71 FOOT 10.8 INCH		OUT TO OUT : 74 FOOT 8.4 INCH	LEFT CURB WIDTH : 0 FOOT 7.2 INCH
MAIN SPANS 1	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 46 FOOT 9 INCH
CONDITION : DIAGONAL CRACKS		MINOR	GIRDER ENDS		RIGHT CURB WIDTH : 0 FOOT 7.2 INCH
COMMENTS : AT ABUTS					LENGTH : 72 FOOT 0 INCH WEATHERING IND : N
MAIN SPANS 2	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 72 FOOT 0 INCH WEATHERING IND : N
MAIN SPANS 3	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 72 FOOT 0 INCH WEATHERING IND : N
MAIN SPANS 4	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 72 FOOT 0 INCH WEATHERING IND : N
MAIN SPANS 5	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 55 FOOT 8 INCH WEATHERING IND : N
CONDITION : DIAGONAL CRACKS		MINOR	GIRDER ENDS		

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DISTRICT : KC COUNTY : JACKSON A1427

COMMENTS : AT ABUTS

TOTAL NUMBER OF SPANS 5

SUBSTRUCTURE ELEMENTS

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

ABUTMENT 1	LABEL :		REINFORCED CONCRETE	NON-INTEGRAL
LEFTADVAN SKEW : 8 DEGREES 0	LENGTH : 66 FOOT 5 INCH			
BACKWALL		REINFORCED CONCRETE	CAST-IN-PLACE	
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
PILING		STEEL	H-SHAPE	
TURNED BACK WINGS		REINFORCED CONCRETE	CAST-IN-PLACE	
EXPANSION BEARING		STEEL	ROCKER	
			OVERALL CONDITION:	
			REINFORCED CONCRETE	MULTIPLE COLUMN
BENT 2	LABEL :			
LENGTH : 63 FOOT 8 INCH	LEFTADVAN SKEW : 8 DEGREES 0			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	H-PILE	
			REINFORCED CONCRETE	MULTIPLE COLUMN
BENT 3	LABEL :			
LEFTADVAN SKEW : 8 DEGREES 0	LENGTH : 63 FOOT 8 INCH			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	H-PILE	
FIXED BEARING		STEEL	PEDESTAL(ROTATING)	
			OVERALL CONDITION:	
			REINFORCED CONCRETE	MULTIPLE COLUMN
BENT 4	LABEL :			
LEFTADVAN SKEW : 8 DEGREES 0	LENGTH : 63 FOOT 8 INCH			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	H-PILE	
FIXED BEARING		STEEL	PEDESTAL(ROTATING)	
			OVERALL CONDITION:	
			REINFORCED CONCRETE	MULTIPLE COLUMN
BENT 5	LABEL :			
LENGTH : 67 FOOT 3 INCH				
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	H-PILE	
FOOTING		REINFORCED CONCRETE	SPREAD	
EXPANSION BEARING		STEEL	ROCKER	
			OVERALL CONDITION:	
			REINFORCED CONCRETE	MULTIPLE COLUMN
ABUTMENT 6	LABEL :			
LENGTH : 67 FOOT 2 INCH				
BACKWALL		REINFORCED CONCRETE	CAST-IN-PLACE	
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : VERTICAL CRACKS	THROUGHOUT	FEW		
PILING		STEEL	H-SHAPE	
TURNED BACK WINGS		REINFORCED CONCRETE	CAST-IN-PLACE	

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

SLOPE PROTECTION

PLAIN CONCRETE	PAVEDSLOPE	BOTH
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UTILITY ATTACHMENTS

Design_No = A1427



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DISTRICT : KC COUNTY : JACKSON A1427

STRUCTURE PAINT DETAILS

OVERALL PAINT CONDITION	GOOD	RUST AMOUNT :	9=.03% OF SURFACE RUSTED	STEEL TONS :	282
ORIGINAL PAINT		CONTRACT REPAINT		DEPARTMENT REPAINT	
PAINT TYPE :	F SYSTEM	PAINT TYPE :		PAINT TYPE :	
NAME :	HIGH SOLIDS ZINC	NAME :		NAME :	MANUFACTURE :
PAINT COLOR :	GREEN	PAINT COLOR :		PAINT COLOR :	SURFACE PREPARATION :
PAINT YEAR :	1995	PAINT YEAR :	0	PAINT YEAR :	0
MILS :	0	MILS :	0	MILS :	0
CREW :		LAYER :		DATE :	

WORK

RESPONSIBILITY	LOCATION	WORK ITEM	PRIORITY	DATE REQUESTED
CONTRACT	SEE COMMENT	REM/REP LOOSE SEAL OR MAT	2	10/11/2011
COMMENTS : REPLACE DENSE OVERLAY				
DISTRICT ROUTINE	SEE COMMENT	MISCELLANEOUS	2	10/11/2011
COMMENTS : CORRECT POSTING SIGN - SHOULD BE 50 TONS (SIGNED AT 60)				

PROGRAM RECOMMENDATIONS



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Missouri Department of Transportation
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DISTRICT : KC COUNTY : JACKSON A1427

KC

GENERAL STRUCTURE INFORMATION

STRUCTURE NUMBER : A1427 1183	STRUCTURE STATUS : P-POSTLOAD	MAINTENANCE DISTRICT : KC	MAINTENANCE COUNTY : JACKSON	PLACE CODE : 77506 WASHINGTON
DISTRICT : KC	DIRECTION OF TRAFFIC : 1-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 : 63 Ft. 10.8 In.	SUB AREA : 7C32	LANES UNDER STRUCTURE : 2		LATITUDE : 38 56 23.59 (DMS)
STRUCTURE LENGTH : 296 FEET	YEAR BUILT : 1966	BEGINNING COMPASS DIRECTION : EAST		LONGITUDE : 94 34 2.77 (DMS)
FEATURE INTERSECTED : CST 104TH ST. UP RR	RECONSTRUCTION YEAR : 1994	ENDING COMPASS DIRECTION : WEST		SCOUR EVALUATION TYPE :

POSTING INFORMATION

ADVANCE SIGNING

APPROVED POSTING CATEGORY : S-C3	LIMITS : Ton1 : 50	WEIGHT LIMIT 50 TONS.	SIGN TYPE :
FIELD POSTING CATEGORY : S-C3	LIMITS : Ton1 : 60	WEIGHT LIMIT 60 TONS.	PROBLEM :
POSTING PROBLEM :		DIRECTION :	DIRECTION :
COMMENTS :			

FACILITY CARRIED INFORMATION

(ITEM 29) AVERAGE DAILY TRAFFIC : 65560	(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 : (46'-72'-72'-72'-55') CONT COMP WF GDR SPANS				
RATINGS : (ITEM 58) DECK RATING : 6-SATISFACTORY CONDITION	10/31/2011	(ITEM 59) SUPERSTRUCTURE RATING : 7-GOOD CONDITION	05/18/2001	(ITEM 60) SUBSTRUCTURE RATING : 7-GOOD CONDITION
COMMENTS :		COMMENTS :		COMMENTS :

SUMMARY COMPONENTS

MAIN SERIES	1	CONTINUOUS SPAN	STEEL	WIDE FLANGE GIRDERS	NUMBER OF SPANS :	5
TOTAL NUMBER OF SPANS : 5						
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		
(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 :						
COMPONENT : RAIL END TREATMENT		GALVANIZED STEEL	BREKAWAY SYSTEM	MANUFACTURE : ET-2000	DIRECTION : NORTHEAST	

APPROACH PAVEMENT :

Design_No = A1427



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Missouri Department of Transportation
Bridge Inspection Report

DISTRICT : KC COUNTY : JACKSON A1427

COMPONENT : APPROACH PAVEMENT ASPHALT BITUMINOUS MAT DIRECTION : BOTH
CONDITION : SPALLS THROUGHOUT MANY

DECK / RAILING ELEMENTS

(ITEM 58) OVERALL CONDITION RATING : 6-SATISFACTORY CONDITION

DECK COMPONENTS

MAIN SPANS	1		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : EFFLORESCENCE		THROUGHOUT	MINOR
MAIN SPANS	2		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : EFFLORESCENCE		THROUGHOUT	MINOR
MAIN SPANS	3		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : EFFLORESCENCE		THROUGHOUT	MINOR
MAIN SPANS	4		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : EFFLORESCENCE		THROUGHOUT	MINOR
MAIN SPANS	5		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY
CONDITION : EFFLORESCENCE		THROUGHOUT	MINOR

DRAINAGE COMPONENTS

DRAINAGE	0		
COMPONENT : DRAINAGE		GALVANIZED STEEL	FLOOR DRAIN

PROTECTIVE COMPONENTS

MAIN SERIES	1			
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	LATEX MODIFIED	OVERALL CONDITION : FAIR
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MANY	
CONDITION : LONGITUDINAL CRACKS		THROUGHOUT	MEDIUM	
CONDITION : PATCHES		THROUGHOUT	FEW	
COMMENTS : SPANS 1 AND 5				
COMPONENT : DECK PROTECTION		CARBON	CATHODIC PROTECTION	
COMPONENT : MEMBRANE		LIQUID SEALANT	BUILT-UP	
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
COMPONENT : APPROACH RAILING		GALVANIZED STEEL	W-BEAM
COMPONENT : RAIL END TREATMENT		GALVANIZED STEEL	BREKAWAY SYSTEM
COMPONENT : TRANSITION RAILING		GALVANIZED STEEL	THRIE BEAM TO W-BEAM

SUPERSTRUCTURE ELEMENTS

(ITEM 59) OVERALL CONDITION RATING : 7-GOOD CONDITION

MAIN SERIES	1	CONTINUOUS SPAN	STEEL	WIDE FLANGE GIRDERS	NUMBER OF SPANS : 5
APPROACH ROADWAY WIDTH : 65 FOOT 0 INCH		CURB TO CURB : 63 FOOT 10.8 INCH	OUT TO OUT : 66 FOOT 8.4 INCH	LEFT CURB WIDTH : 0 FOOT 7.2 INCH	RIGHT CURB WIDTH : 0 FOOT 7.2 INCH
MAIN SPANS 1	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 46 FOOT 9 INCH WEATHERING IND :
MAIN SPANS 2	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 72 FOOT 0 INCH WEATHERING IND :
MAIN SPANS 3	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 72 FOOT 0 INCH WEATHERING IND :
MAIN SPANS 4	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 72 FOOT 0 INCH WEATHERING IND :
MAIN SPANS 5	CONTINUOUS SPAN	COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 55 FOOT 8 INCH WEATHERING IND :
CONDITION : DELAMINATION		MINOR	GIRDER ENCASEMENT		
CONDITION : DIAGONAL CRACKS		MINOR	GIRDER ENCASEMENT		



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DISTRICT : KC COUNTY : JACKSON A1427

CONDITION : LEACHING

MINOR

GIRDER ENCASEMENT

TOTAL NUMBER OF SPANS 5

SUBSTRUCTURE ELEMENTS

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

ABUTMENT 1	LABEL :		REINFORCED CONCRETE	NON-INTEGRAL
LEFTADVAN SKEW : 8 DEGREES 0	LENGTH : 74 FOOT 6 INCH			
BACKWALL		REINFORCED CONCRETE	CAST-IN-PLACE	
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
PILING		STEEL	H-SHAPE	
TURNED BACK WINGS		REINFORCED CONCRETE	CAST-IN-PLACE	
BENT 2	LABEL :		REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 71 FOOT 6 INCH	LEFTADVAN SKEW : 8 DEGREES 0			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : SPALLS	THROUGHOUT	MINOR		
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	H-PILE	
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION: REINFORCED CONCRETE
BENT 3	LABEL :		REINFORCED CONCRETE	MULTIPLE COLUMN
LEFTADVAN SKEW : 8 DEGREES 0	LENGTH : 71 FOOT 6 INCH			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	H-PILE	
FIXED BEARING		STEEL	PEDESTAL(ROTATING)	OVERALL CONDITION: REINFORCED CONCRETE
BENT 4	LABEL :		REINFORCED CONCRETE	MULTIPLE COLUMN
LEFTADVAN SKEW : 8 DEGREES 0	LENGTH : 71 FOOT 6 INCH			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	H-PILE	
FIXED BEARING		STEEL	PEDESTAL(ROTATING)	OVERALL CONDITION: REINFORCED CONCRETE
BENT 5	LABEL :		REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 75 FOOT 4 INCH				
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	H-PILE	
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION: REINFORCED CONCRETE
ABUTMENT 6	LABEL :		REINFORCED CONCRETE	NON-INTEGRAL
LENGTH : 74 FOOT 8 INCH				
BACKWALL		REINFORCED CONCRETE	CAST-IN-PLACE	
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : DELAMINATION	THROUGHOUT	MINOR		
CONDITION : HORIZONTAL CRACKS	THROUGHOUT	MEDIUM		
PILING		STEEL	H-SHAPE	
TURNED BACK WINGS		REINFORCED CONCRETE	CAST-IN-PLACE	

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

SLOPE PROTECTION

PLAIN CONCRETE PAVEDSLOPE BOTH

UTILITY ATTACHMENTS



Safe & Sound = N

Missouri Department of Transportation
Bridge Inspection Report

DISTRICT : KC COUNTY : JACKSON A1427

STRUCTURE PAINT DETAILS

OVERALL PAINT CONDITION GOOD

RUST AMOUNT : 9=.03% OF SURFACE RUSTED

STEEL TONS : 282

ORIGINAL PAINT

CONTRACT REPAINT

DEPARTMENT REPAINT

MANUFACTURE :

SURFACE PREPARATION :

PAINT TYPE : F SYSTEM
NAME : HIGH SOLIDS ZINC
PAINT COLOR : GREEN
PAINT YEAR : 1995
MILS : 0
CREW :

PAINT TYPE :
NAME :
PAINT COLOR :
PAINT YEAR : 0
MILS : 0
LAYER :
DATE :

PAINT TYPE :
NAME :
PAINT COLOR :
PAINT YEAR : 0
MILS : 0

WORK

RESPONSIBILITY	LOCATION	WORK ITEM	PRIORITY	DATE REQUESTED
DISTRICT ROUTINE	SEE COMMENT	MISCELLANEOUS	2	10/11/2011
COMMENTS : REPLACE 60 TON POSTING SIGN WITH 50 TON				
CONTRACT	SEE COMMENT	REM/REP LOOSE SEAL OR MAT	2	10/11/2011
COMMENTS : REPLACE DENSE OVERLA				

PROGRAM RECOMMENDATIONS