



Safe & Sound = N

Missouri Department of Transportation
Bridge Inspection Report

DISTRICT : KC COUNTY : JACKSON A0610

KC

GENERAL STRUCTURE INFORMATION

STRUCTURE NUMBER : A0610 444	STRUCTURE STATUS : P-POSTLOAD	MAINTENANCE DISTRICT : KC	MAINTENANCE COUNTY : JACKSON	PLACE CODE : 38000 KANSAS CITY CITY
DISTRICT : KC	DIRECTION OF TRAFFIC : 1-WAY TRAF	OWNED BY : MODOT	MAINTAINED BY : MODOT	INSPECTORS : JESSE ELSEMAN (STATE), LARRY FRITZ
COUNTY : JACKSON	STRUCTURE CLASS : STATBR	FUNCTIONAL CLASSIFICATION : INTERSTATE		INSPECTION DATE : 9/4/2012
FACILITY CARRIED : IS 435 N	DEFICIENT CODE :	LANES ON STRUCTURE : 5		INSPECTION FREQUENCY : 24
CURB TO CURB : 75 Ft. 10.8 In.	SUB AREA : 7C32	LANES UNDER STRUCTURE : 2		LATITUDE : 38 56 21.73 (DMS)
STRUCTURE LENGTH : 517 FEET	YEAR BUILT : 1966	BEGINNING COMPASS DIRECTION : WEST		LONGITUDE : 94 33 39.62 (DMS)
FEATURE INTERSECTED : BLUE RVR. CST BLUE RIV	RECONSTRUCTION YEAR : 1994	ENDING COMPASS DIRECTION : EAST		SCOUR EVALUATION TYPE : OBSERVED

POSTING INFORMATION

APPROVED POSTING CATEGORY : S-C3 LIMITS : Ton1 : 65	WEIGHT LIMIT 65 TONS.	SIGN TYPE : PROBLEM : DIRECTION :
FIELD POSTING CATEGORY : S-C3 LIMITS : Ton1 : 65	WEIGHT LIMIT 65 TONS.	
POSTING PROBLEM :	DIRECTION :	
COMMENTS :		

ADVANCE SIGNING

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

UNDERWATER INFORMATION			INDEPTH INFORMATION		
NBI : FREQUENCY :	NBI : NO FREQUENCY : 60	NBI : FREQUENCY :	NBI : NO FREQUENCY : 24		
PIN : DATE :	PIN : NO DATE : 10/11/2011	PIN : DATE :	PIN : NO DATE : 09/04/2012		
CATEGORY :	CATEGORY : DRY	CATEGORY :	CATEGORY : PG-INTERSTATE		
METHODS :	METHODS : VISUAL	METHODS :	METHODS : SNOOPER		
INSPECTORS :	INSPECTORS : RICHARD KI, TERRY WILS	INSPECTORS :	INSPECTORS : JESSE ELSE, LARRY FRIT		
COMMENTS :	COMMENTS :	COMMENTS :	COMMENTS : INSPECTION TIME - 4 HRS		

PROGRAM NOTES

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

GENERAL COMMENTS : (113'-144'-144'-114') CONT COMP PL GDR SPANS (WELDED)			
RATINGS : (ITEM 58) DECK RATING : 7-GOOD CONDITION 10/31/2011	(ITEM 59) SUPERSTRUCTURE RATING : 5-FAIR CONDITION 03/09/2010	(ITEM 60) SUBSTRUCTURE RATING : 8-VERY GOOD CONDITION	05/18/2001
COMMENTS :	COMMENTS : SEVERAL CRACKS IN COMPR. ZONES OF NON-FCM.	COMMENTS :	

SUMMARY COMPONENTS

MAIN SERIES 1 CONTINUOUS SPAN	STEEL	PLATE 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 : VERTICAL CRACKS	THROUGHOUT	MANY	
(ITEM 36B) TRANSITION RAILING :			
COMPONENT : TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : SOUTHEAST
(ITEM 36C) APPROACH RAILING :			
COMPONENT : APPROACH RAILING	GALVANIZED STEEL	W-BEAM	DIRECTION : SOUTHEAST
(ITEM 36D) RAIL END TREATMENT :			
COMPONENT : RAIL END TREATMENT	GALVANIZED STEEL	BREKAWAY SYSTEM	MANUFACTURE : ET-2000 DIRECTION : SOUTHEAST

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APPROACH PAVEMENT :

COMPONENT : APPROACH PAVEMENT REINFORCED CONCRETE SLAB DIRECTION : BOTH

DECK / RAILING ELEMENTS

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

DECK COMPONENTS

MAIN SPANS	1		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
COMMENTS :	LIVE LOAD DEFLECTION MODERATE IN ALL SPANS		
CONDITION : EFFLORESCENCE		BOTTOM	FEW
CONDITION : TRANSVERSE CRACKS		BOTTOM	MANY
MAIN SPANS	2		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE		BOTTOM	FEW
CONDITION : TRANSVERSE CRACKS		BOTTOM	MANY
MAIN SPANS	3		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE		BOTTOM	FEW
CONDITION : TRANSVERSE CRACKS		BOTTOM	MANY
MAIN SPANS	4		
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE		BOTTOM	FEW
CONDITION : TRANSVERSE CRACKS		BOTTOM	MANY

DRAINAGE COMPONENTS

DRAINAGE	0		
COMPONENT : DRAINAGE		STEEL	FLOOR DRAIN
COMMENTS :	FLOOR DRAINS OVER PEDESTRIAN WALK WAY @ W END		

EXPANSION DEVICES

ABUTMENT	1			
COMPONENT : CLOSED EXPANSION JOINT		FELT	FILLED JOINT	OVERALL CONDITION : FAIR
ABUTMENT	5			
COMPONENT : CLOSED EXPANSION JOINT		ELASTOMERIC	STRIP SEAL	OVERALL CONDITION : POOR
COMMENTS :	TORN W SIDE 1 INCH LOWER THAN E SIDE			

PROTECTIVE COMPONENTS

MAIN SERIES	1			
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC	
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	FEW	
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 : VERTICAL CRACKS		THROUGHOUT	MANY	
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	MANUFACTURE : ET-2000

SUPERSTRUCTURE ELEMENTS

(ITEM 59) OVERALL CONDITION RATING : 5-FAIR CONDITION

COMMENT S : SEVERAL CRACKS IN COMPR. ZONES OF NON-FCM.

MAIN SERIES	1	CONTINUOUS SPAN	STEEL	PLATE GIRDERS	NUMBER OF SPANS : 4
APPROACH ROADWAY WIDTH :	78 FOOT 0 INCH	CURB TO CURB : 75 FOOT 10.8 INCH	OUT TO OUT : 78 FOOT 7.19988 INCH	LEFT CURB WIDTH : 0 FOOT 7.2 INCH	RIGHT CURB WIDTH : 0 FOOT 7.2 INCH
MAIN SPANS 1	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH : 113 FOOT 5 INCH
CONDITION : VERTICAL CRACKS		FINE	TOP FLANGE		WEATHERING IND : N

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<p>COMMENTS : 11/30/05 - OLD 2-1/4" CRK @ WELD & WEB 2ND DIAPH E. OF ABUT 1 GDR 2 FROM S. 11/30/05 - NEW 1" CRK IN WEB OF GDR 2ND DIAPH E. OF ABUT N. SIDE GDR 4 11/30/05 - OLD 1-1/4" CRK @ WELD & WEB 2ND DIAPH E. OF ABUT 1 N. SIDE GDR 5 11/30/05 - OLD 1-1/4" CRK @ WELD & WEB 3RD DIAPH FROM E. N. SIDE GDR 5 11/30/05 - OLD 1" CRK @ WELD & WEB 3RD DIAPH E. OF ABUT 1 S. SIDE OF GDR 4 11/30/05 - OLD 1-3/4" CRK @ WELD & OLD 1" CRK TOP STIFF WELD 3RD DIAPH E. OF BT 2 GDR 4</p>						
MAIN SPANS 2	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH : 144 FOOT 11 INCH	WEATHERING IND : N
<p>CONDITION : VERTICAL CRACKS FINE TOP FLANGE</p> <p>COMMENTS : 11/30/05 - OLD 1" CRK @ WELD & WEB 2ND DIAPH E. OF BT 2 S. SIDE OF GDR 5 11/30/05 - NEW 1-3/4" CRK @ WELD & WEB 2ND DIAPH E. OF BT 2 N. SIDE OF GDR5 11/30/05 - OLD 3-3/4" CRK GROWN 3/4" TO 4-1/2"@ WELD & WEB 3RD DIAPH E. OF BT 2 N. SIDE OF GDR6 & OLD 2" CRK TOP STIFF WELD 11/30/05 - OLD 3-1/2" CRK GROWN 1" TO 4-1/2"@ WELD & WEB 4TH DIAPH E. OF BT 2 S. SIDE OF GDR4 11/30/05 - OLD 3-1/4" CRK GROWN 1" TO 4-1/4"@ WELD & WEB 4TH DIAPH E. OF BT 2 S. SIDE OF GDR5 11/30/05 - OLD 2" CRK @ WELD & WEB 3RD DIAPH E. OF BT 2 S. SIDE OF GDR 5 11/30/05 - OLD 3" CRK GROWN 1/2" TO 3-1/2"@ WELD & WEB 4TH DIAPH E. OF BT 2 W. SIDE OF GDR6</p>						
MAIN SPANS 3	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH : 144 FOOT 11 INCH	WEATHERING IND : N
<p>CONDITION : VERTICAL CRACKS FINE TOP FLANGE</p> <p>COMMENTS : 11/05/2005 4" CRK @ WELD & WEB 2ND DIAPH E. OF BT 3 S. SIDE OF GDR 5. 2-3/4" @ WELD & WEB 2ND DIAPH E. OF BT 3 W. SIDE OF GDR6. 1-3/4"@ WELD & WEB 4TH DIAPH E. OF BT 3 W. SIDE GDR5. 6-1/2" CRK @ WELD & WEB 3RD DIAPH E. OF BT 3 N. SIDE OF GDR 5. 7-1/4" CRK @ WELD & 2" CRK TOP STIFF WELD 3RD DIAPH E. OF BT 3 N. SIDE GDR 4. 4-1/2" CRK @ WELD & WEB 4TH DIAPH E. OF BT 3 N. SIDE OF GDR 4. 5" @ WELD & WEB 3TH DIAPH E. OF BT 3 S. SIDE GDR3 & OLD 1-1/2" CRK GROWN 2" TO 3-1/2" TOP STIFF WELD. 3-1/4"@ WELD & WEB 3TH DIAPH E. OF BT 3 BOTH SIDE GDR2. 1-1/2" CRK @ WELD & WEB 2ND DIAPH W. OF BT 4 S. SIDE OF GDR 2 & OLD 1" CRK TOP STIFF WELD</p> <p>CONDITION : VERTICAL CRACKS FINE TOP FLANGE WELD 7 INCH</p> <p>COMMENTS : 3RD DIAPH EAST BT 3 SIDE GIRDER 3.</p>						
MAIN SPANS 4	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH : 114 FOOT 0 INCH	WEATHERING IND : N
<p>CONDITION : VERTICAL CRACKS FINE TOP FLANGE</p> <p>COMMENTS : 11/30/05 2-1/2" CRK @ WELD & WEB 2ND DIAPH E. OF BT 4 N. SIDE OF GDR6. 1" CRK @ WELD & WEB 2ND DIAPH E. OF BT 4 S. SIDE OF GDR7. 2-1/4" CRK @ WELD & WEB 4TH DIAPH E. OF BT 4 S. SIDE OF GDR2. 03/02/2010 4-3/4"@ WELD & WEB 2ND DIAPH E. OF BT 4 N. SIDE GDR4.</p> <p>CONDITION : VERTICAL CRACKS FINE TOP FLANGE WELD 1 INCH</p> <p>COMMENTS : GIRDER 7 FROM SOUTH 1ST DIAPH WEST OF ABUT 5.</p>						
TOTAL NUMBER OF SPANS 4						

SUBSTRUCTURE ELEMENTS

(ITEM 60) OVERALL CONDITION RATING : 8-VERY GOOD CONDITION

ABUTMENT	1	LABEL :	REINFORCED CONCRETE	INTEGRAL
LEFTADVAN LENGTH : 46 FOOT 6 INCH				
BACKWALL			REINFORCED CONCRETE	CAST-IN-PLACE
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : EFFLORESCENCE	THROUGHOUT		FEW	
CONDITION : VERTICAL CRACKS	THROUGHOUT		FEW	
FOOTING			REINFORCED CONCRETE	SPREAD
TURNUED BACK WINGS			REINFORCED CONCRETE	CAST-IN-PLACE
EXPANSION BEARING			STEEL	ROCKER
COMMENTS : ABUT MADE INTEGRAL BRGS ENCASED				
CLOSED EXPANSION JOINT			FELT	FILLED JOINT
OVERALL CONDITION: FAIR				
BENT	2	LABEL :	REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 44 FOOT 0 INCH				
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE
FOOTING			REINFORCED CONCRETE	SPREAD
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : MAP CRACKS	THROUGHOUT		MANY	
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE
EXPANSION BEARING			STEEL	ROCKER
OVERALL CONDITION: FAIR				
BENT	3	LABEL :	REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 44 FOOT 0 INCH				
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE
FOOTING			REINFORCED CONCRETE	SPREAD
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE

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TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE		
FIXED BEARING		STEEL	PEDESTAL(ROTATING)	OVERALL CONDITION:	
BENT	4			REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 44 FOOT 0 INCH					
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE		
FOOTING		REINFORCED CONCRETE	SPREAD		
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE		
TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE		
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:	
ABUTMENT	5			REINFORCED CONCRETE	NON-INTEGRAL
LEFTADVAN LENGTH : 46 FOOT 6 INCH					
BACKWALL		REINFORCED CONCRETE	CAST-IN-PLACE		
CONDITION : EFFLORESCENCE	THROUGHOUT	FEW			
CONDITION : VERTICAL CRACKS	THROUGHOUT	FEW			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE		
TURNED BACK WINGS		REINFORCED CONCRETE	CAST-IN-PLACE		
PILING		STEEL	H-SHAPE		
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:	
CONDITION : RUSTING	THROUGHOUT	LIGHT			
CLOSED EXPANSION JOINT		ELASTOMERIC	STRIP SEAL	OVERALL CONDITION:	POOR
COMMENTS : TORN W SIDE 1 INCH LOWER THAN E SIDE					

MISCELLANEOUS ITEMS

1 MEETS CURRENT STANDARDS
COMMENTS : SEVERAL CRACKS IN COMPR. ZONES OF NON-FCM.

CHANNEL PROTECTION (ITEM 61) CHANNEL CONDITION RATING : 8-PROTECTED DEVICES STBLE
SCOUR CONDITION (ITEM 113) OVERALL SCOUR CONDITION RATING : 8-STABLE FOR CALCULATED
WATERWAY ADEQUACY (ITEM 71) WATERWAY ADEQUACY RATING : DECK ABOVE FLOOD ELEV
APPROACH ROADWAY (ITEM 72) APPROACH ROADWAY ALIGNMENT RATING : 8-VERYGOOD
BANK PROTECTION

ROCK	BLANKET	NORTH
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UTILITY ATTACHMENTS

STRUCTURE PAINT DETAILS

OVERALL PAINT CONDITION	FAIR	RUST AMOUNT : 8=.1% OF SURFACE RUSTED	STEEL TONS : 584
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ORIGINAL PAINT	CONTRACT REPAINT	DEPARTMENT REPAINT	MANUFACTURE :
PAINT TYPE :	PAINT TYPE :	F SYSTEM	PAINT TYPE :
NAME :	NAME :	HIGH SOLIDS ZINC	NAME :
PAINT COLOR :	PAINT COLOR :	ALUMINUM	PAINT COLOR :
PAINT YEAR :	PAINT YEAR :	1995	PAINT YEAR :
MILS :	MILS :	8	MILS :
CREW :	LAYER :	DATE :	0

WORK

RESPONSIBILITY	LOCATION	WORK ITEM	PRIORITY	DATE REQUESTED
DISTRICT ROUTINE	SLOPE	CUT BRUSH & TREES	2	08/23/2011
DISTRICT SPECIAL	ROADWAY SURFACE	SEAL DECK WITH IN DECK	2	10/11/2011
DISTRICT SPECIAL	ABUTMENT	REPAIR EXPANSION DEVICE	3	09/04/2012

PROGRAM RECOMMENDATIONS

Design_No = A0610



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GENERAL STRUCTURE INFORMATION

STRUCTURE NUMBER : A0610 443	STRUCTURE STATUS : P-POSTLOAD	MAINTENANCE DISTRICT : KC	MAINTENANCE COUNTY : JACKSON	PLACE CODE : 38000 KANSAS CITY CITY
DISTRICT : KC	DIRECTION OF TRAFFIC : 1-WAY TRAF	OWNED BY : MODOT	MAINTAINED BY : MODOT	INSPECTORS : JESSE ELSEMAN (STATE)
COUNTY : JACKSON	STRUCTURE CLASS : STATBR	FUNCTIONAL CLASSIFICATION : INTERSTATE		INSPECTION DATE : 9/10/2012
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 22.67 (DMS)
STRUCTURE LENGTH : 517 FEET	YEAR BUILT : 1966	BEGINNING COMPASS DIRECTION : EAST		LONGITUDE : 94 33 40.01 (DMS)
FEATURE INTERSECTED : BLUE RVR. CST BLUE RIV	RECONSTRUCTION YEAR : 1994	ENDING COMPASS DIRECTION : WEST		SCOUR EVALUATION TYPE : OBSERVED

POSTING INFORMATION

ADVANCE SIGNING

APPROVED POSTING CATEGORY : S-C3 LIMITS : Ton1 : 65	WEIGHT LIMIT 65 TONS.	SIGN TYPE :
FIELD POSTING CATEGORY : S-C3 LIMITS : Ton1 : 65	WEIGHT LIMIT 65 TONS.	PROBLEM :
POSTING PROBLEM :	DIRECTION :	DIRECTION :
COMMENTS :		

FACILITY CARRIED INFORMATION

(ITEM 29) AVERAGE DAILY TRAFFIC : 31833	(ITEM 30) YEAR OF AVERAGE DAILY TRAFFIC : 2013	PERMITTED VERTICAL CLEARANCE :
(ITEM 53) VERTICAL CLEARANCE OVER DECK :	DATE :	

OTHER INSPECTION INFORMATION

UNDERWATER INFORMATION			INDEPTH INFORMATION		
NBI : FREQUENCY :	NBI : NO FREQUENCY : 60	NBI : NO FREQUENCY : 24			
PIN : DATE :	PIN : NO DATE : 10/11/2011	PIN : NO DATE : 09/10/2012			
CATEGORY :	CATEGORY : DRY	CATEGORY : PG-INTERSTATE			
METHODS :	METHODS : VISUAL	METHODS : SNOOPER			
INSPECTORS :	INSPECTORS : RICHARD KI, TERRY WILS	INSPECTORS : JESSE ELSE			
COMMENTS :	COMMENTS :	COMMENTS : INSPECTION TIME - 5.5 HRS			

PROGRAM NOTES

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

GENERAL COMMENTS : (113'-144'-144'-114') CONT COMP PL GDR SPANS (WELDED)			
RATINGS : (ITEM 58) DECK RATING : 7-GOOD CONDITION 02/14/2002	(ITEM 59) SUPERSTRUCTURE RATING : 5-FAIR CONDITION 03/09/2010	(ITEM 60) SUBSTRUCTURE RATING : 6-SATISFACTORY CONDITION 10/31/2011	
COMMENTS :	COMMENTS : SEVERAL CRACKS IN COMPR ZONES OF NON-FCM	COMMENTS :	

SUMMARY COMPONENTS

MAIN SERIES 1 CONTINUOUS SPAN	STEEL	PLATE 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
(ITEM 36B) TRANSITION RAILING :			
COMPONENT : TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : NORTHWEST
COMPONENT : TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : NORTHEAST
(ITEM 36C) APPROACH RAILING :			
COMPONENT : APPROACH RAILING	GALVANIZED STEEL	W-BEAM	DIRECTION : NORTHWEST
COMPONENT : APPROACH RAILING	GALVANIZED STEEL	W-BEAM	DIRECTION : NORTHEAST
(ITEM 36D) RAIL END TREATMENT :			

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COMPONENT : RAIL END TREATMENT	GALVANIZED STEEL	BREKAWAY SYSTEM	MANUFACTURE : ET-2000	DIRECTION : NORTHEAST
APPROACH PAVEMENT :				
COMPONENT : APPROACH PAVEMENT	ASPHALT	BITUMINOUS MAT	DIRECTION : BOTH	

DECK / RAILING ELEMENTS

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

DECK COMPONENTS

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

DRAINAGE COMPONENTS

DRAINAGE	0			
COMPONENT : DRAINAGE		GALVANIZED STEEL	FLOOR DRAIN	

EXPANSION DEVICES

ABUTMENT	5			
COMPONENT : CLOSED EXPANSION JOINT		ELASTOMERIC	STRIP SEAL	OVERALL CONDITION : POOR
CONDITION : MISSING		CLOSED EXPANSION JOINT	NOT APPLICABLE	
COMMENTS : TORN WITH 4' HOLE.				
CONDITION : FAILING		THROUGHOUT	BOTH	
CONDITION : POUNDING		THROUGHOUT	NOT APPLICABLE	

PROTECTIVE COMPONENTS

MAIN SERIES	1			
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC	
CONDITION : TRANSVERSE CRACKS		THROUGHOUT	MEDIUM	
COMMENTS : SOME OPENING				
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	
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	MANUFACTURE : ET-2000
COMPONENT : TRANSITION RAILING		GALVANIZED STEEL	THRIE BEAM TO W-BEAM	
COMPONENT : APPROACH RAILING		GALVANIZED STEEL	W-BEAM	

SUPERSTRUCTURE ELEMENTS

(ITEM 59) OVERALL CONDITION RATING : 5-FAIR CONDITION

COMMENTS : SEVERAL CRACKS IN COMPR ZONES OF NON-FCM

MAIN SERIES	1	CONTINUOUS SPAN	STEEL	PLATE GIRDERS	NUMBER OF SPANS : 4
APPROACH ROADWAY WIDTH :	66 FOOT 0 INCH	CURB TO CURB :	63 FOOT 10.8 INCH	OUT TO OUT :	66 FOOT 7.19988 INCH
CONDITION : NOT APPLICABLE	OTHER	DIAPHRAGMS		LEFT CURB WIDTH :	0 FOOT 7.2 INCH
RIGHT CURB WIDTH :	0 FOOT 7.2 INCH				
MAIN SPANS	1	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS
LENGTH :	113 FOOT 5 INCH	WEATHERING IND :			

Design_No = A0610



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Bridge Inspection Report

DISTRICT : KC COUNTY : JACKSON A0610

CONDITION : FATIGUE CRACKS	MODERATE	GDR7	6 INCH			
COMMENTS : TOP FLANGE WELD 2ND DIAPH SOUTH OF ABUT 1.						
CONDITION : FATIGUE CRACKS	SMALL	GDR3	4 INCH			
COMMENTS : 3RD DIAPH WEST OF ABUT 5.						
MAIN SPANS 2	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH : 144 FOOT 11 INCH	WEATHERING IND :
CONDITION : FATIGUE CRACKS	SMALL	GDR4				
COMMENTS : 3RD DIAPH WEST OF BENT 4 @ TFW						
CONDITION : FATIGUE CRACKS	SMALL	GDR5	3.25 INCH			
COMMENTS : 3RD DIAPH WEST OF BT 4 @ TFW.						
MAIN SPANS 3	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH : 144 FOOT 11 INCH	WEATHERING IND :
COMMENTS : HOAN LIKE DETAIL IN SPAN 3 W/INTERSECTING WELDS BETWEEN GIRDERS 4 & 5.						
CONDITION : FATIGUE CRACKS	MODERATE	GDR5				
COMMENTS : 1" CRACK IN TOP STIFF WELD 4TH DIAPH WEST OF BENT 4 NORTH SIDE & ALSO 1" CRACK IN TOP FLANGE WELD.						
2" CRACK @ TOP FLANGE WELD & 1" CRACK @ TOP FTIFF WELD 3RD DIPAH WEST OF BENT 3 SOUTHSIDE OF GIRDER 5.						
CONDITION : FATIGUE CRACKS	MODERATE	GDR4				
COMMENTS : 4" CRACK IN TOP FLANGE WELD 3RD DIAPH WEST OF BENT 4 SOUTH SIDE OF GIRDER 4 & ALSO 1 1/2 CRACK IN TOP STIFF WELD.						
2 1/4" CRACK @ TOP FLANGE WELD & 2 1/4" CRACK ON TOP OF DIPAH STIFF WELD 3RD DIPAH WEST OF BENT 4 GIRDER 4 NORTH SIDE.						
1 3/4" CRACK @ TOP FLANGE WELD & TOP STIFF WELD 2ND DIAPH WEST OF BENT 3 NORTH SIDE OF GIRDER 3.						
CONDITION : FATIGUE CRACKS	MODERATE	GDR6				
COMMENTS : 1/2" CRACK @ TOP STIFF WELD 4TH DIPAH WEST OF BENT 3 NORTH SIDE OF GIRDER 6.						
3 3/4" CRACK @ TOP FLANGE WELD & 2 1/2" CRACK @ TOP STIFF WELD 3RD DIPAH WEST OF BETN 3 SOUTH SIDE OF GIRDER 6.						
CONDITION : FATIGUE CRACKS	MODERATE	GDR7				
COMMENTS : 4" CRACK @ TOP FLANGE WELD & 1" CRACK @ TOP FTIFF WELD 3RD DIPAH WEST OF BENT 3 NORTHSIDE OF GIRDER 7.						
CONDITION : FATIGUE CRACKS	SMALL	GDR3	2.5 INCH			
COMMENTS : 2ND DIAPH WEST OF BT 3						
MAIN SPANS 4	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH : 114 FOOT 0 INCH	WEATHERING IND :
CONDITION : FATIGUE CRACKS	MODERATE	GDR5				
COMMENTS : 1" CRACK @ TOP STIFF WELD 3RD DIAPH WEST OF ABUT 5 SOUTH SIDE.						
2" CRACK @ TOP FLANGE WELD 4TH DIPAH WEST FO ABUT 5 NORTH SIDE.						
2 1/2" CRACK IN TOP FLANGE WELD 3RD DIPAH WEST OF ABUT 5 NORTH SIDE. 1 1/2 CRACK IN SAME LOCATION.						
TOTAL NUMBER OF SPANS 4						

SUBSTRUCTURE ELEMENTS

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

ABUTMENT	1	LABEL :		REINFORCED CONCRETE	INTEGRAL
COMMENTS : MINOR WASHING ON NORTH END.					
LENGTH : 46 FOOT 6 INCH					
CONDITION :	MODERATE LEACHING	GIRDERS	MINOR UNDERMINING	THROUGHOUT	
COMMENTS : NW CORNER.					
BACKWALL			REINFORCED CONCRETE	CAST-IN-PLACE	
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING			REINFORCED CONCRETE	SPREAD	
TURNED BACK WINGS			REINFORCED CONCRETE	CAST-IN-PLACE	
BENT	2	LABEL :		REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 44 FOOT 0 INCH					
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	VERTICAL CRACKS	AT COLUMNS	FEW		
FOOTING			REINFORCED CONCRETE	SPREAD	
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE	
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE	
EXPANSION BEARING			STEEL	ROCKER	
OVERALL CONDITION: REINFORCED CONCRETE					
MULTIPLE COLUMN					
BENT	3	LABEL :		REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 44 FOOT 0 INCH					
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	HORIZONTAL CRACKS	ENDS	FEW		
CONDITION :	VERTICAL CRACKS	ENDS	FEW		
FOOTING			REINFORCED CONCRETE	SPREAD	

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COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE		
TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE		
FIXED BEARING		STEEL	PEDESTAL(ROTATING)	OVERALL CONDITION:	
BENT	4			REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 44 FOOT 0 INCH					
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE		
CONDITION : VERTICAL CRACKS	FRONT FACE	FEW			
FOOTING		REINFORCED CONCRETE	SPREAD		
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE		
TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE		
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:	
ABUTMENT	5			REINFORCED CONCRETE	NON-INTEGRAL
COMMENTS : N END OF CAP PILING EXPOSED					
LENGTH : 46 FOOT 6 INCH					
BACKWALL		REINFORCED CONCRETE	CAST-IN-PLACE		
CONDITION : VERTICAL CRACKS	THROUGHOUT	RANDOM			
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE		
TURNED BACK WINGS		REINFORCED CONCRETE	CAST-IN-PLACE		
PILING		STEEL	H-SHAPE		
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:	
CLOSED EXPANSION JOINT		ELASTOMERIC	STRIP SEAL	OVERALL CONDITION:	
CONDITION : MISSING	CLOSED EXPANSION JOINT	NOT APPLICABLE			
COMMENTS : TORN WITH 4' HOLE.					
CONDITION : FAILING	THROUGHOUT	BOTH			
CONDITION : POUNDING	THROUGHOUT	NOT APPLICABLE			

MISCELLANEOUS ITEMS

1 MEETS CURRENT STANDARDS
COMMENTS : SEVERAL CRACKS IN COMPR ZONES OF NON-FCM

CHANNEL PROTECTION (ITEM 61) CHANNEL CONDITION RATING : 8-PROTECTED DEVICES STBLE
SCOUR CONDITION (ITEM 113) OVERALL SCOUR CONDITION RATING : 8-STABLE FOR CALCULATED
WATERWAY ADEQUACY (ITEM 71) WATERWAY ADEQUACY RATING : DECK ABOVE FLOOD ELEV
APPROACH ROADWAY (ITEM 72) APPROACH ROADWAY ALIGNMENT RATING : 8-VERYGOOD
SLOPE PROTECTION

ROCK	BLANKET	BOTH
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UTILITY ATTACHMENTS

STRUCTURE PAINT DETAILS

OVERALL PAINT CONDITION FAIR RUST AMOUNT : 9=.03% OF SURFACE RUSTED STEEL TONS : 585

ORIGINAL PAINT	CONTRACT REPAINT	DEPARTMENT REPAINT	MANUFACTURE :
PAINT TYPE :	PAINT TYPE :	PAINT TYPE :	
NAME :	NAME :	NAME :	SURFACE PREPARATION :
PAINT COLOR :	PAINT COLOR :	PAINT COLOR :	
PAINT YEAR : 0	PAINT YEAR : 1984	PAINT YEAR : 0	
MILS : 0	MILS : 7	MILS : 0	

COMMENTS : OUTSIDE GIRDERS SAY 6/96 SYSTEM F
CREW : LAYER : DATE :

WORK

RESPONSIBILITY	LOCATION	WORK ITEM	PRIORITY	DATE REQUESTED
REGIONAL	ABUTMENT-BEARINGS	CLEAN, PAINT, AND RESET	3	11/06/2007
DISTRICT ROUTINE	SLOPE	CUT BRSH&TREES SPAYVINES	3	03/01/2010
	SEE COMMENT	BACKFILL ABUTMENT-SLOPE	3	09/12/2012

GENERAL COMMENTS : MUDJACK AT W ABUT
SPECIAL COMMENTS : PREFER EPOXY OVERLAY PRIORITY 1, INDECK IS OPTION B

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PROGRAM RECOMMENDATIONS



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