	Safe & Sound = N			Missouri Department of Transportation 2020 Bridge Inspection History			DISTRICT : KC COUNTY : CLAY A4642				
GENERAL STRUCTURE INFORMATION											
STRUCTURE NUMBER : A4642 3800			STRUCTURE STATUS : A-OPEN		OWNED BY : MODOT		PLACE CODE : 38000 KANSAS CITY CITY				
DISTRICT : KC			DIRECTION OF TRAFFIC : 1-WAY TRAF		MAINTAINED BY : MODOT		INSPECTORS : TIMOTHY HAZLET, BRYCE ACTON				
COUNTY : CLAY			STRUCTURE CLASS : STATBR		FUNCTIONAL CLASSIFICATION : UR-FREEWAY		INSPECTION DATE : 9/8/2020				
FACILITY CARRIED : US169N			DEFICIENT CODE :		LANES ON STRUCTURE 2		INSPECTION FREQUENCY : 24				
CURB TO CURB : 30 Ft. 4 In.			SUB AREA : 7C25		LANES UNDER STRUCTURE : 0		LATITUDE : 39 9 20.20276 (DMS)				
STRUCTURE LENGTH : 831 FEET			YEAR BUILT : 1956		BEGINNING COMPASS DIRECTION : SOUTH		LONGITUDE : 94 35 16.83287 (DMS)				
FEATURE INTERSECTED : BNSF RR			RECONSTRUCTION YEAR : 1990		ENDING COMPASS DIRECTION : NORTH						
POSTING INFORMATION							ADVANCE SIGNING				
APPROVED POSTING CATEGORY : S-1 LIMITS : NO POSTING REQUIRED							SIGN TYPE :				
FIELD POSTING CATEGORY : S-1 LIMITS : NO POSTING REQUIRED							PROBLEM :				
POSTING PROBLEM : DIRECTION :							DIRECTION :				
COMMENTS :											
FACILITY CARRIED INFORMATION											
(ITEM 29) AVERAGE DAILY TRAFFIC : 19111				(ITEM 30) YEAR OF AVERAGE DAILY TRAFFIC : 2020							
(ITEM 53) VERTICAL CLEARANCE OVER DECK :				DATE : COMMENTS :							
OTHER INSPECTION INFORMATION											
NBI : FREQUENCY :			NBI : FREQUENCY :			SPECIAL INFORMATION			NBI : FREQUENCY :		
PIN : DATE :			PIN : DATE :			NBI : YES FREQUENCY : 24			NBI : FREQUENCY :		
CATEGORY :			CATEGORY :			PIN : NO DATE : 09/30/2020			PIN : DATE :		
METHODS :			METHODS :			CATEGORY : ELEVATED CANTILEVER BRNG			CATEGORY :		
INSPECTORS :			METHODS :			METHODS : PLATFORMTK, BUCKET TRK, LADDER			METHODS :		
COMMENTS :			INSPECTORS :			INSPECTORS : BENNETT HA, DYLAN LIST, STEVEN EAL			INSPECTORS :		
			COMMENTS :			COMMENTS :			COMMENTS :		
PROGRAM NOTES											
PROGRAM YEAR :		PROJECT NO. :		LETTING MONTH		LETTING YEAR :					
COMMENT :											
PROGRAM ITEMS :											
GENERAL COMMENTS : (34'-40'-40'-6')(34'-40'-39'-6')(33'-45'-36')(6'-42'-42'-43'-29'-32') CONT WF - (115') CONT RIVETED PL GDR - (68'-68') CONT WF GDR SPANS											
RATINGS :		(ITEM 58) DECK RATING : 7-GOOD CONDITION			(ITEM 59) SUPERSTRUCTURE RATING : 4-POOR CONDITION			(ITEM 60) SUBSTRUCTURE RATING : 6-SATISFACTORY CONDITION			
COMMENTS : A FEW TRANSVERSE CRACKS THROUGHOUT THE DECK WITH EFFLORENSE.					COMMENTS : MODERATE TO ADVANCED SECTION LOSS ON THE CANTILEVER BOTTOM FLANGES, WEB, AND VERTICAL STIFFENERS THROUGHOUT THE STRUCTURE.			COMMENTS : MED SPALLS AND DETERIORATION BTS			
SUMMARY COMPONENTS											
APPROACH SERIES		1		CONTINUOUS SPAN		STEEL		WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
APPROACH SERIES		2		CONTINUOUS SPAN		STEEL		WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
APPROACH SERIES		3		CONTINUOUS SPAN		STEEL		WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
APPROACH SERIES		4		CONTINUOUS SPAN		STEEL		WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
APPROACH SERIES		5		CONTINUOUS SPAN		STEEL		WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
MAIN SERIES		6		SIMPLE SPAN		STEEL		PLATE GIRDERS		NUMBER OF SPANS : 1	
APPROACH SERIES		7		CONTINUOUS SPAN		STEEL		WIDE FLANGE GIRDERS		NUMBER OF SPANS : 2	
TOTAL NUMBER OF SPANS : 18											
RAILING RATINGS :											
(ITEM 36A) BRIDGE RAILING :		MEETS CURRENT STANDARDS-1		COMMENT S :							
(ITEM 36B) TRANSITION RAILING :		MEETS CURRENT STANDARDS-1		COMMENT S :							
County = CLAY and Design_No = A4642 and Bridge_Type = STATE SYSTEM BRIDGE and Bridge_History_Year = 2020 and District = KC											
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November 9, 2021 1:23:43PM											
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(ITEM 36C) APPROACH RAILING :		MEETS CURRENT STANDARDS-1		COMMENT S :	
(ITEM 36D) RAIL END TREATMENT :		MEETS CURRENT STANDARDS-1		COMMENT S :	
(ITEM 36A) BRIDGE RAILING :					
COMPONENT : BRIDGE RAILING		REINFORCED CONCRETE	SAFETY BARRIER CURB	DIRECTION : BOTH	
CONDITION : COLLISION DAMAGE		THROUGHOUT	MODERATE		
CONDITION : VERTICAL CRACKS		THROUGHOUT	MANY		
(ITEM 36B) TRANSITION RAILING :					
COMPONENT : TRANSITION RAILING		GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : BOTH-SOUTH	
COMMENTS :					
COMPONENT : TRANSITION RAILING		REINFORCED CONCRETE	OTHER	DIRECTION : BOTH S.E.	
(ITEM 36C) APPROACH RAILING :					
COMPONENT : APPROACH RAILING		GALVANIZED STEEL	W-BEAM	DIRECTION : SOUTHWEST	
COMMENTS : CONTINUOUS > 100' BOTH ENDS					
COMPONENT : APPROACH RAILING		REINFORCED CONCRETE	SLOPED BARRIER CURB	DIRECTION : NORTHWEST	
COMPONENT : APPROACH RAILING		GALVANIZED STEEL	W-BEAM	DIRECTION : NORTHEAST	
(ITEM 36D) RAIL END TREATMENT :					
COMPONENT : RAIL END TREATMENT		GALVANIZED STEEL	OTHER	DIRECTION : ALL	
COMMENTS : CONTINUOUS RAIL					
<u>APPROACH PAVEMENT :</u>					
COMPONENT : APPROACH PAVEMENT		REINFORCED CONCRETE	TIED SLAB	DIRECTION : BOTH	

DECK / RAILING ELEMENTS

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

COMMENTS: A FEW TRANSVERSE CRACKS THROUGHOUT THE DECK WITH EFFLORENSE.

DECK COMPONENTS

APPROACH SPANS	1		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	LONGITUDINAL CRACKS	THROUGHOUT	MODERATE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
APPROACH SPANS	2		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
CONDITION :	LONGITUDINAL CRACKS	THROUGHOUT	FEW
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
APPROACH SPANS	3		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	LONGITUDINAL CRACKS	THROUGHOUT	MODERATE
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
APPROACH SPANS	4		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
APPROACH SPANS	5		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	LONGITUDINAL CRACKS	THROUGHOUT	FEW
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
APPROACH SPANS	6		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE

County = CLAY and Design No = A4642 and Bridge Type = STATE SYSTEM BRIDGE and Bridge History Year = 2020 and District = KC



Safe & Sound = N

Missouri Department of Transportation
2020 Bridge Inspection History

DISTRICT : KC COUNTY : CLAY A4642

CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
CONDITION :	LONGITUDINAL CRACKS	THROUGHOUT	FEW
APPROACH SPANS	7		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	DELAMINATION	AT JOINTS	MODERATE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
APPROACH SPANS	8		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	EFFLORESCENCE	THROUGHOUT	MODERATE
CONDITION :	LONGITUDINAL CRACKS	THROUGHOUT	FEW
APPROACH SPANS	9		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	LONGITUDINAL CRACKS	THROUGHOUT	FEW
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
APPROACH SPANS	10		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	EFFLORESCENCE	THROUGHOUT	MODERATE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
APPROACH SPANS	11		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	EFFLORESCENCE	THROUGHOUT	MODERATE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
APPROACH SPANS	12		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	MAP CRACKS	BOTTOM	RANDOM
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
CONDITION :	DIAGONAL CRACKS	AT JOINTS	RANDOM
COMMENTS :	BT 13		
APPROACH SPANS	13		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	SPALLS	AT JOINTS	MINOR
CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR
APPROACH SPANS	14		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
APPROACH SPANS	15		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
MAIN SPANS	16		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE
CONDITION :	SCALING	DRIVING SURFACE	LIGHT

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CONDITION :	EFFLORESCENCE	THROUGHOUT	MINOR	
APPROACH SPANS	17			
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MANY	
CONDITION :	SCALING	DRIVING SURFACE	LIGHT	
CONDITION :	EFFLORESCENCE	THROUGHOUT	MODERATE	
APPROACH SPANS	18			
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	LONGITUDINAL CRACKS	THROUGHOUT	FEW	
CONDITION :	SCALING	DRIVING SURFACE	LIGHT	
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MODERATE	
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT	
<u>DRAINAGE COMPONENTS</u>				
DRAINAGE	0			
COMPONENT :	DRAINAGE	PVC	PIPING SYSTEM	
CONDITION :	OTHER	THROUGHOUT	NOT APPLICABLE	
COMMENTS :	SPAN 7 & SPAN 4 BT 7 DRAIN PIPE HOLES & SECTION LOSS WEST SIDE.			
CONDITION :	OTHER	THROUGHOUT	NOT APPLICABLE	
COMMENTS :	SPAN 7, BT 7 DRAIN PIPE HOLES & SECTION LOSS WEST SIDE.			
COMPONENT :	DRAINAGE	STEEL	DRAIN TROUGH	
<u>EXPANSION DEVICES</u>				
ABUTMENT	1			
COMPONENT :	CLOSED EXPANSION JOINT	ELASTOMERIC	COMPRESSION SEAL	OVERALL CONDITION : GOOD
BENT	4			
COMPONENT :	OPEN EXPANSION JOINT	STEEL	FINGER PLATE	OVERALL CONDITION : POOR
CONDITION :	MISALIGNED	DRIVING SURFACE	MODERATE	
COMMENTS :	HIGHER ON SOUTH SIDE.			
CONDITION :	MISALIGNED	DRIVING SURFACE	MODERATE	
COMMENTS :	HIGHER ON SOUTH SIDE.5/8 "			
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MINOR	
CONDITION :	MISALIGNED	DRIVING SURFACE	MODERATE	
COMMENTS :	HIGHER ON SOUTH SIDE.5/8 "			
CONDITION :	MISALIGNED	DRIVING SURFACE	MODERATE	
COMMENTS :	HIGHER ON SOUTH SIDE.1 "			
CONDITION :	MISALIGNED	DRIVING SURFACE	MODERATE	
COMMENTS :	HIGHER ON SOUTH SIDE.1 "			
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MINOR	
CONDITION :	MISALIGNED	DRIVING SURFACE	MODERATE	
COMMENTS :	HIGHER ON SOUTH SIDE.			
BENT	7			
COMPONENT :	OPEN EXPANSION JOINT	STEEL	FINGER PLATE	OVERALL CONDITION : FAIR
CONDITION :	MISALIGNED	THROUGHOUT	MODERATE	
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MODERATE	
CONDITION :	MISALIGNED	THROUGHOUT	MODERATE	
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MODERATE	
CONDITION :	MISALIGNED	THROUGHOUT	MODERATE	
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MODERATE	
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MODERATE	
CONDITION :	MISALIGNED	THROUGHOUT	MODERATE	
BENT	10			
COMPONENT :	OPEN EXPANSION JOINT	STEEL	FINGER PLATE	OVERALL CONDITION : FAIR
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MINOR	
BENT	13			
COMPONENT :	CLOSED EXPANSION JOINT	STEEL	SLIDING BAR	OVERALL CONDITION : FAIR
COMPONENT :	OPEN EXPANSION JOINT	STEEL	FINGER PLATE	OVERALL CONDITION : FAIR
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MODERATE	
BENT	16			

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COMPONENT : CLOSED EXPANSION JOINT		STEEL	SLIDING BAR	OVERALL CONDITION : FAIR	MANUFACTURE : OTHER
CONDITION : ANCHORAGE SPALLS		THROUGHOUT	MINOR		
CONDITION : ANCHORAGE SPALLS		THROUGHOUT	MINOR		
BENT	17				
COMPONENT : OPEN EXPANSION JOINT		STEEL	FINGER PLATE	OVERALL CONDITION : GOOD	
ABUTMENT	19				
COMPONENT : CLOSED EXPANSION JOINT		ELASTOMERIC	COMPRESSION SEAL	OVERALL CONDITION : GOOD	
<u>PROTECTIVE COMPONENTS</u>					
APPROACH SERIES 1					
COMPONENT : MEMBRANE		NOTAPPLICABLE	NONE		
COMPONENT : DECK PROTECTION		EPOXY POLYMER	COATED REBAR		
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC		
APPROACH SERIES 2					
COMPONENT : MEMBRANE		NOTAPPLICABLE	NONE		
COMPONENT : DECK PROTECTION		EPOXY POLYMER	COATED REBAR		
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC		
APPROACH SERIES 3					
COMPONENT : MEMBRANE		NOTAPPLICABLE	NONE		
COMPONENT : DECK PROTECTION		EPOXY POLYMER	COATED REBAR		
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC		
APPROACH SERIES 4					
COMPONENT : MEMBRANE		NOTAPPLICABLE	NONE		
COMPONENT : DECK PROTECTION		EPOXY POLYMER	COATED REBAR		
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC		
APPROACH SERIES 5					
COMPONENT : MEMBRANE		NOTAPPLICABLE	NONE		
COMPONENT : DECK PROTECTION		EPOXY POLYMER	COATED REBAR		
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC		
MAIN SERIES 6					
COMPONENT : DECK PROTECTION		EPOXY POLYMER	COATED REBAR		
COMPONENT : MEMBRANE		NOTAPPLICABLE	NONE		
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC		
APPROACH SERIES 7					
COMPONENT : WEARING SURFACE		PLAIN CONCRETE	MONOLITHIC		
COMPONENT : MEMBRANE		NOTAPPLICABLE	NONE		
COMPONENT : DECK PROTECTION		EPOXY POLYMER	COATED REBAR		
<u>RAILING COMPONENTS</u>					
BRIDGE RAILING 0					
COMPONENT : BRIDGE RAILING		REINFORCED CONCRETE	SAFETY BARRIER CURB		
CONDITION : COLLISION DAMAGE		THROUGHOUT	MODERATE		
CONDITION : VERTICAL CRACKS		THROUGHOUT	MANY		
COMPONENT : APPROACH RAILING		GALVANIZED STEEL	W-BEAM		
COMMENTS : CONTINUOUS > 100' BOTH ENDS					
COMPONENT : TRANSITION RAILING		GALVANIZED STEEL	THRIE BEAM TO W-BEAM		
COMMENTS :					
COMPONENT : RAIL END TREATMENT		GALVANIZED STEEL	OTHER		
COMMENTS : CONTINUOUS RAIL					
COMPONENT : TRANSITION RAILING		REINFORCED CONCRETE	OTHER		DIRECTION : BOTH S.E.
COMPONENT : APPROACH RAILING		REINFORCED CONCRETE	SLOPED BARRIER CURB		DIRECTION : NORTHWEST
COMPONENT : APPROACH RAILING		GALVANIZED STEEL	W-BEAM		DIRECTION : NORTHEAST

SUPERSTRUCTURE ELEMENTS

(ITEM 59) OVERALL CONDITION RATING: 4-POOR CONDITION

COMMENT S: MODERATE TO ADVANCED SECTION LOSS ON THE CANTILEVER BOTTOM FLANGES, WEB, AND VERTICAL STIFFENERS THROUGHOUT THE STRUCTURE.

COMMENTS: MODERATE TO HEAVY TRUCK TRAFFIC ON THE GRAVEL/PERFORATED PIPELINES, WEE, AND VERTICAL SURFACES THROUGHOUT THE STRUCTURE.	
APPROACH SERIES:	1 CONTINUOUS SPAN STEEL WIDE FLANGE GIRDERS
APPROACH ROADWAY WIDTH: 30 FOOT 4 INCH	OUT TO OUT: 33 FOOT 0 INCH LEFT CURB WIDTH: 1 FOOT 4 INCH RIGHT CURB WIDTH: 1 FOOT 4 INCH
	RIGHT CURB TO CURB: 30 FOOT 4 INCH

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APPROACH SPANS	1	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 34 FOOT 5 INCH	LENGTH : 124 FOOT 0	WEATHERING IND : N
CONDITION :	PAINT PEELING		MEDIUM	THROUGHOUT				
APPROACH SPANS	2	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 40 FOOT 0 INCH		WEATHERING IND : N
CONDITION :	PAINT PEELING		MEDIUM	THROUGHOUT				
APPROACH SPANS	3	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 40 FOOT 0 INCH		WEATHERING IND : N
CONDITION :	PAINT PEELING		MEDIUM	THROUGHOUT				
APPROACH SERIES	2	CONTINUOUS SPAN		STEEL	WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
APPROACH ROADWAY WIDTH : 30 FOOT 4 INCH		CURB TO CURB : 30 FOOT 4 INCH		OUT TO OUT : 33 FOOT 0 INCH		LEFT CURB WIDTH : 1 FOOT 4 INCH	RIGHT CURB WIDTH : 1 FOOT 4 INCH	
APPROACH SPANS	4	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 40 FOOT 10 INCH		WEATHERING IND : N
CONDITION :	SECTION LOSS		ADVANCED	GDR1				
CONDITION :	SECTION LOSS		HEAVY	BOTTOM FLANGE				
COMMENTS : MODERATE TO HEAVY (50%) SECTION LOSS ON THE GIRDER BOTTOM FLANGES AT THE CANTILEVER.								
CONDITION :	SECTION LOSS		MODERATE	AT BEARING				
COMMENTS : MINOR TO MODERATE (30%) SECTION LOSS AT THE BOTTOM OF THE UPPER AND LOWER CANTILEVER BEARING STIFFENERS.								
CONDITION :	SECTION LOSS		HEAVY	STIFFENERS				
COMMENTS : MODERATE TO HEAVY SECTION LOSS AT THE BOTTOM OF MOST VERTICAL STIFFENERS AT THE GIRDER CANTILEVERS.								
CONDITION :	SECTION LOSS		ADVANCED	GDR2				
COMMENTS : ADVANCED SECTION LOSS WITH SMALL HOLES RUSTED THROUGH THE GIRDER WEB ABOVE THE CANTILEVER BEARING PLATE.								
CONDITION :	PAINT PEELING		MEDIUM	THROUGHOUT				
APPROACH SPANS	5	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 40 FOOT 0 INCH		WEATHERING IND : N
CONDITION :	PAINT PEELING		MEDIUM	THROUGHOUT				
APPROACH SPANS	6	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 39 FOOT 11 INCH		WEATHERING IND : N
CONDITION :	PAINT PEELING		MEDIUM	THROUGHOUT				
APPROACH SERIES	3	CONTINUOUS SPAN		STEEL	WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
COMMENTS :								
APPROACH ROADWAY WIDTH : 30 FOOT 4 INCH		RIGHT CURB WIDTH : 1 FOOT 4 INCH		LEFT CURB WIDTH : 1 FOOT 4 INCH		CURB TO CURB : 30 FOOT 4 INCH	OUT TO OUT : 33 FOOT 0 INCH	
APPROACH SPANS	7	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 39 FOOT 0 INCH		WEATHERING IND : N
CONDITION :	SECTION LOSS		HEAVY	BOTTOM FLANGE				
COMMENTS : MODERATE TO HEAVY (50%) SECTION LOSS ON THE GIRDER BOTTOM FLANGES AT THE CANTILEVER.								
CONDITION :	SECTION LOSS		MODERATE	AT BEARING				
COMMENTS : MINOR TO MODERATE (30%) SECTION LOSS AT THE BOTTOM OF THE UPPER AND LOWER CANTILEVER BEARING STIFFENERS.								
CONDITION :	SECTION LOSS		ADVANCED	GDR5				
COMMENTS : ADVANCED SECTION LOSS WITH 1"X2" HOLE RUSTED THROUGH THE GIRDER WEB ABOVE THE CANTILEVER BEARING PLATE.								
CONDITION :	SECTION LOSS		HEAVY	STIFFENERS				
COMMENTS : MODERATE TO HEAVY SECTION LOSS AT THE BOTTOM OF MOST VERTICAL STIFFENERS AT THE GIRDER CANTILEVERS.								
APPROACH SPANS	8	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 45 FOOT 8 INCH		WEATHERING IND : N
APPROACH SPANS	9	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 36 FOOT 7 INCH		WEATHERING IND : N
CONDITION :	SECTION LOSS		MODERATE	CANTILEVERS				
COMMENTS : MODERATE (30%) SECTION LOSS ON THE UPPER AND LOWER CANTILEVER TOP AND BOTTOM FLANGES.								
CONDITION :	SECTION LOSS		HEAVY	STIFFENERS				
COMMENTS : HEAVY (50%) SECTION LOSS AT THE BOTTOM OF THE GIRDER 1 AND GIRDER 5 CANTILEVER VERTICAL STIFFENERS.								
APPROACH SERIES	4	CONTINUOUS SPAN		STEEL	WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
APPROACH ROADWAY WIDTH : 30 FOOT 4 INCH		OUT TO OUT : 33 FOOT 0 INCH		LEFT CURB WIDTH : 1 FOOT 4 INCH		RIGHT CURB WIDTH : 1 FOOT 4 INCH	CURB TO CURB : 30 FOOT 4 INCH	
APPROACH SPANS	10	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 48 FOOT 7 INCH		WEATHERING IND : N
APPROACH SPANS	11	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 42 FOOT 8 INCH		WEATHERING IND : N
APPROACH SPANS	12	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 43 FOOT 5 INCH		WEATHERING IND : N
CONDITION :	SECTION LOSS		ADVANCED	AT BEARING				
COMMENTS : ADVANCED SECTION LOSS AT THE TOP AND BOTTOM OF THE WEB WITH LARGE HOLES RUSTED THROUGH THE BOTTOM OF GIRDER 5 WEB AT BENT 13.								
CONDITION :	SECTION LOSS		MINOR	GDR5				
COMMENTS : MINOR SECTION LOSS AT THE BOTTOM OF THE WEB AND BOTTOM FLANGE FROM BENT 13 SOUTH 10'								
APPROACH SERIES	5	CONTINUOUS SPAN		STEEL	WIDE FLANGE GIRDERS		NUMBER OF SPANS : 3	
APPROACH ROADWAY WIDTH : 30 FOOT 4 INCH		RIGHT CURB WIDTH : 1 FOOT 4 INCH		LEFT CURB WIDTH : 1 FOOT 4 INCH		CURB TO CURB : 30 FOOT 4 INCH	OUT TO OUT : 33 FOOT 0 INCH	
APPROACH SPANS	13	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 29 FOOT 0 INCH		WEATHERING IND : N
APPROACH SPANS	14	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 32 FOOT 6 INCH		WEATHERING IND : N
APPROACH SPANS	15	CONTINUOUS SPAN	NON-COMPOSITE	STEEL	WIDE FLANGE GIRDERS	LENGTH : 32 FOOT 7 INCH		WEATHERING IND : N
MAIN SERIES	6	SIMPLE SPAN		STEEL	PLATE GIRDERS		NUMBER OF SPANS : 1	
COMMENTS :								

County = CLAY and Design No = A4642 and Bridge Type = STATE SYSTEM BRIDGE and Bridge History Year = 2020 and District = KC



Safe & Sound = N

Missouri Department of Transportation 2020 Bridge Inspection History

DISTRICT : KC

COUNTY : CLAY

A4642

APPROACH ROADWAY WIDTH : 30 FOOT 4 INCH		CURB TO CURB : 30 FOOT 4 INCH		OUT TO OUT : 33 FOOT 0 INCH		LEFT CURB WIDTH : 1 FOOT 4 INCH		RIGHT CURB WIDTH : 1 FOOT 4 INCH	
MAIN SPANS 16		SIMPLE SPAN		NON-COMPOSITE		STEEL		PLATE GIRDERS	
								LENGTH : 115 FOOT 2 INCH	
<u>APPROACH SERIES</u>		7		CONTINUOUS SPAN		STEEL		WIDE FLANGE GIRDERS	
								NUMBER OF SPANS : 2	
APPROACH ROADWAY WIDTH : 30 FOOT 4 INCH		LEFT CURB WIDTH : 1 FOOT 4 INCH		RIGHT CURB WIDTH : 1 FOOT 4 INCH		CURB TO CURB : 30 FOOT 4 INCH		OUT TO OUT : 33 FOOT 0 INCH	
APPROACH SPANS 17		CONTINUOUS SPAN		NON-COMPOSITE		STEEL		WIDE FLANGE GIRDERS	
								LENGTH : 68 FOOT 6 INCH	
CONDITION : SECTION LOSS		ADVANCED		BOTTOM FLANGE					
COMMENTS : ADVANCED SECTION LOSS WITH SEVERAL HOLES RUSTED THROUGH AT THE MAIN GIRDER CANTILEVER OF GIRDER 3.									
CONDITION : SECTION LOSS		ADVANCED		STIFFENERS					
COMMENTS : HEAVY TO ADVANCED SECTION LOSS AT THE BOTTOM OF THE GIRDER CANTILEVER STIFFENERS WITH HOLES RUSTED THROUGH A FEW OF THE STIFFENERS ON GIRDER 1, 2, AND 3.									
CONDITION : SECTION LOSS		HEAVY		WEB					
COMMENTS : HEAVY (50%) SECTION LOSS AT THE BOTTOM OF THE APPROACH GIRDER 1, 2, AND 3 WEBS AT THE CANTILEVERS.									
CONDITION : SECTION LOSS		MODERATE		CANTILEVERS					
COMMENTS : MODERATE TO HEAVY SECTION LOSS ON THE MAIN GIRDER CANTILEVER WEBS.									
APPROACH SPANS 18		CONTINUOUS SPAN		NON-COMPOSITE		STEEL		WIDE FLANGE GIRDERS	
								LENGTH : 68 FOOT 6 INCH	
								WEATHERING IND : N	
TOTAL NUMBER OF SPANS 18									


SUBSTRUCTURE ELEMENTS

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

COMMENT S: MED SPALLS AND DETERIORATION BTS

ABUTMENT	1	LABEL :		REINFORCED CONCRETE	NON-INTEGRAL
BACKWALL			REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : DELAMINATION	THROUGHOUT	MODERATE			
CONDITION : SPALLS	BOTTOM	MODERATE			
CONDITION : SEALED	THROUGHOUT	EPOXY			
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : DELAMINATION	THROUGHOUT	LARGE			
CONDITION : PATCHES	THROUGHOUT	LARGE			
CONDITION : SEALED	THROUGHOUT	EPOXY			
CONDITION : SPALLS	THROUGHOUT	LARGE			
CURTAIN WALL			REINFORCED CONCRETE	CAST-IN-PLACE	
EXPANSION BEARING			STEEL	ROCKER	
PILING			STEEL	H-SHAPE	
TURNED BACK WINGS			REINFORCED CONCRETE	CAST-IN-PLACE	
CLOSED EXPANSION JOINT			ELASTOMERIC	COMPRESSION SEAL	
BENT	2	LABEL :		REINFORCED CONCRETE	SOLID WALL
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : SEALED	TOP	ROOF FLEX			
FOOTING			REINFORCED CONCRETE	H-PILE	
WALL			REINFORCED CONCRETE	CAST-IN-PLACE	
FIXED BEARING			STEEL	PEDESTAL(ROTATING)	
BENT	3	LABEL :		REINFORCED CONCRETE	SOLID WALL
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : SEALED	TOP	ROOF FLEX			
FOOTING			REINFORCED CONCRETE	H-PILE	
WALL			REINFORCED CONCRETE	CAST-IN-PLACE	
EXPANSION BEARING			STEEL	ROCKER	
BENT	4	LABEL :		REINFORCED CONCRETE	MULTIPLE COLUMN
COMMENTS :					
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : SEALED	THROUGHOUT	EPOXY			
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING			REINFORCED CONCRETE	H-PILE	

County = CLAY and Design No = A4642 and Bridge Type = STATE SYSTEM BRIDGE and Bridge History Year = 2020 and District = KC

		Safe & Sound = N		Missouri Department of Transportation 2020 Bridge Inspection History		DISTRICT : KC		COUNTY : CLAY		A4642	
OPEN EXPANSION JOINT				STEEL		FINGER PLATE					
CONDITION : MISALIGNED		DRIVING SURFACE		MODERATE							
CONDITION : ANCHORAGE SPALLS		THROUGHOUT		MINOR							
EXPANSION BEARING				STEEL		ROCKER					
CONDITION : TIPPED		THROUGHOUT		MODERATE							
CANTILEVER BEARING				STEEL		SINGLE ROLLER					
CONDITION : SECTION LOSS		THROUGHOUT		HEAVY							
CONDITION : OTHER		THROUGHOUT		NOT APPLICABLE							
COMMENTS : GIRDER 3 AND 4 BEARINGS HAVE MOVED EAST 1"											
BENT		5		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE					
CONDITION : SEALED		TOP		ROOF FLEX							
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE					
FOOTING				REINFORCED CONCRETE		H-PILE					
CONDITION : VERTICAL CRACKS		THROUGHOUT		FEW							
FIXED BEARING				STEEL		PEDESTAL(ROTATING)					
BENT		6		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
COMMENTS :											
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE					
CONDITION : DELAMINATION		ENDS		LARGE							
CONDITION : SEALED		TOP		ROOF FLEX							
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE					
CONDITION : SPALLS		THROUGHOUT		MINOR							
FOOTING				REINFORCED CONCRETE		H-PILE					
EXPANSION BEARING				STEEL		ROCKER					
BENT		7		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
COMMENTS :											
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE					
CONDITION : SEALED		THROUGHOUT		EPOXY							
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE					
CONDITION : TRANSVERSE CRACKS		THROUGHOUT		MINOR							
FOOTING				REINFORCED CONCRETE		H-PILE					
CANTILEVER BEARING				STEEL		SINGLE ROLLER					
CONDITION : SECTION LOSS		THROUGHOUT		HEAVY							
CONDITION : RUSTING		THROUGHOUT		MINOR							
OPEN EXPANSION JOINT				STEEL		FINGER PLATE					
CONDITION : MISALIGNED		THROUGHOUT		MODERATE							
CONDITION : ANCHORAGE SPALLS		THROUGHOUT		MODERATE							
EXPANSION BEARING				STEEL		ROCKER					
BENT		8		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
COMMENTS :											
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE					
CONDITION : SEALED		TOP		ASPHALTICBASE							
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE					
CONDITION : TRANSVERSE CRACKS		THROUGHOUT		MINOR							
FOOTING				REINFORCED CONCRETE		H-PILE					
FIXED BEARING				STEEL		PEDESTAL(ROTATING)					
BENT		9		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
COMMENTS :											
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE					
CONDITION : SEALED		TOP		ASPHALTICBASE							
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE					


County = CLAY and Design_No = A4642 and Bridge_Type = STATE SYSTEM BRIDGE and Bridge_History_Year = 2020 and District = KC

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County = CLAY and Design_No = A4642 and Bridge_Type = STATE SYSTEM BRIDGE and Bridge_History_Year = 2020 and District = KC

<div>  </div>		Safe & Sound = N		Missouri Department of Transportation 2020 Bridge Inspection History		DISTRICT : KC		COUNTY : CLAY	A4642
FOOTING				REINFORCED CONCRETE	H-PILE				
EXPANSION BEARING				STEEL	ROCKER				
BENT	10	LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
COMMENTS :									
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE				
CONDITION : SEALED		THROUGHOUT		EPOXY					
CONDITION : SPALLS		AT BEARING		NO AFFECT					
COMMENTS : WEST BEARING									
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE				
CONDITION : SPALLS		COLUMN		MODERATE					
FOOTING				REINFORCED CONCRETE	H-PILE				
OPEN EXPANSION JOINT				STEEL	FINGER PLATE				
CONDITION : ANCHORAGE SPALLS		THROUGHOUT		MINOR					
CANTILEVER BEARING				STEEL	SINGLE ROLLER				
CONDITION : TIPPED		THROUGHOUT		MINOR					
EXPANSION BEARING				STEEL	ROCKER				
BENT	11	LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
COMMENTS :									
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE				
CONDITION : SEALED		TOP		ROOF FLEX					
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE				
FOOTING				REINFORCED CONCRETE	H-PILE				
EXPANSION BEARING				STEEL	ROCKER				
BENT	12	LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE				
CONDITION : SEALED		TOP		ROOF FLEX					
CONDITION : DELAMINATION		BOTTOM		MINOR					
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE				
FOOTING				REINFORCED CONCRETE	H-PILE				
EXPANSION BEARING				STEEL	ROCKER				
BENT	13	LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE				
CONDITION : DELAMINATION		THROUGHOUT		LARGE					
CONDITION : SEALED		THROUGHOUT		EPOXY					
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE				
CONDITION : DELAMINATION		THROUGHOUT		MODERATE					
CONDITION : SPALLS		COLUMN		MODERATE					
CONDITION : DELAMINATION		BOTTOM		LARGE					
CONDITION : SPALLS		COLUMN		LARGE					
CONDITION : REBAR EXPOSED		THROUGHOUT		MINOR					
FOOTING				REINFORCED CONCRETE	H-PILE				
EXPANSION BEARING				STEEL	ROCKER				
CONDITION : TIPPED		THROUGHOUT		TO MAX					
COMMENTS : NORTH									
CONDITION : BRG NO LOAD		THROUGHOUT		NOT APPLICABLE					
COMMENTS : THE SPAN 12 GIRDER 2 AND 4 BEARINGS ARE NOT LOADED. THE GIRDER 4 BEARING CAN BE REMOVED BY HAND. THE SPAN 13 GIRDER 2 AND 3 BEARINGS ARE NOT LOADED.									
CLOSED EXPANSION JOINT				STEEL	SLIDING BAR				
OPEN EXPANSION JOINT				STEEL	FINGER PLATE				
CONDITION : ANCHORAGE SPALLS		THROUGHOUT		MODERATE					
BENT	14	LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE				
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE				

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		Safe & Sound = N		Missouri Department of Transportation 2020 Bridge Inspection History			DISTRICT : KC		COUNTY : CLAY	A4642
CONDITION :	DELAMINATION	THROUGHOUT	MINOR							
FOOTING			REINFORCED CONCRETE	H-PILE						
FIXED BEARING			STEEL	PEDESTAL(ROTATING)						
BENT	15	LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN				
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE						
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION :	PATCHES	BOTTOM	FEW							
CONDITION :	SPALLS	BOTTOM	MINOR							
FOOTING			REINFORCED CONCRETE	H-PILE						
BENT	16	LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN				
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE						
COMMENTS :	SEALED ROAFLEX									
CONDITION :	HORIZONTAL CRACKS	THROUGHOUT	MANY							
CONDITION :	RUST STAINS	THROUGHOUT	FEW							
CONDITION :	EFFLORESCENCE	BOTTOM	LIGHT							
CONDITION :	PATCHES	BOTTOM	MODERATE							
CONDITION :	SPALLS	THROUGHOUT	MANY							
CONDITION :	REBAR EXPOSED	THROUGHOUT	FEW							
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION :	VERTICAL CRACKS	THROUGHOUT	MANY							
CONDITION :	SATURATION	THROUGHOUT	MINOR							
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT							
CONDITION :	SPALLS	THROUGHOUT	MANY							
CONDITION :	DELAMINATION	THROUGHOUT	MANY							
FOOTING			REINFORCED CONCRETE	H-PILE						
CLOSED EXPANSION JOINT			STEEL	SLIDING BAR						
CONDITION :	ANCHORAGE SPALLS	THROUGHOUT	MINOR							
BENT	17	LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN				
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION :	DELAMINATION	THROUGHOUT	MINOR							
CONDITION :	SPALLS	ENDS	MINOR							
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE						
FOOTING			REINFORCED CONCRETE	H-PILE						
OPEN EXPANSION JOINT			STEEL	FINGER PLATE						
CANTILEVER BEARING			STEEL	SINGLE ROLLER						
CONDITION :	PACK RUST	THROUGHOUT	MODERATE							
EXPANSION BEARING			STEEL	ROCKER						
BENT	18	LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN				
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION :	HORIZONTAL CRACKS	THROUGHOUT	FEW							
CONDITION :	VERTICAL CRACKS	THROUGHOUT	MINOR							
CONDITION :	MAP CRACKS	ENDS	RANDOM							
CONDITION :	DELAMINATION	ENDS	MODERATE							
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION :	PATCHES	THROUGHOUT	LARGE							
CONDITION :	SPALLS	BOTTOM	MINOR							
CONDITION :	MAP CRACKS	THROUGHOUT	MANY							
FOOTING			REINFORCED CONCRETE	H-PILE						
FIXED BEARING			STEEL	PEDESTAL(ROTATING)						
ABUTMENT	19	LABEL :			REINFORCED CONCRETE	NON-INTEGRAL				
BACKWALL			REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION :	VERTICAL CRACKS	THROUGHOUT	FEW							

County = CLAY and Design_No = A4642 and Bridge_Type = STATE SYSTEM BRIDGE and Bridge_History_Year = 2020 and District = KC

	Safe & Sound = N				Missouri Department of Transportation 2020 Bridge Inspection History				DISTRICT : KC		COUNTY : CLAY	A4642
<div>CONDITION : SPALLS AT WINGS LARGE BEAM CAP REINFORCED CONCRETE CAST-IN-PLACE CONDITION : VERTICAL CRACKS THROUGHOUT FEW CONDITION : REBAR EXPOSED THROUGHOUT FEW CONDITION : DELAMINATION ENDS LARGE CONDITION : SPALLS THROUGHOUT LARGE CURTAIN WALL REINFORCED CONCRETE CAST-IN-PLACE EXPANSION BEARING STEEL ROCKER CONDITION : PACK RUST THROUGHOUT HEAVY CONDITION : RUSTING THROUGHOUT HEAVY PILING STEEL H-SHAPE TURNED BACK WINGS REINFORCED CONCRETE CAST-IN-PLACE CONDITION : REBAR EXPOSED RANDOM FEW COMMENTS : EAST CONDITION : SPALLS RANDOM SMALL COMMENTS : EAST CLOSED EXPANSION JOINT ELASTOMERIC COMPRESSION SEAL</div>												
MISCELLANEOUS ITEMS												
<div>MEETS CURRENT STANDARDS-1 A FEW TRANSVERSE CRACKS THROUGHOUT THE DECK WITH EFFLORENSE. MODERATE TO ADVANCED SECTION LOSS ON THE CANTILEVER BOTTOM FLANGES, WEB, AND VERTICAL STIFFENERS THROUGHOUT THE STRUCTURE. MED SPALLS AND DETERIORATION BTS 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 : 6-SATISFACTORY SLOPE PROTECTION PLAIN CONCRETE PAVEDSLOPE NORTH UTILITY ATTACHMENTS ELECTRIC CONDUIT STRUCTURE PAINT DETAILS OVERALL PAINT CONDITION FAIR RUST AMOUNT : 5=3.0% OF SURFACE RUSTED STEEL TONS : 102 ORIGINAL PAINT CONTRACT REPAINT DEPARTMENT REPAINT PAINT TYPE : PAINT TYPE : G SYSTEM PAINT TYPE : NAME : NAME : ZINC/EPOXY/ACRYLIC NAME : PAINT COLOR : PAINT COLOR : GRAY PAINT COLOR : PAINT YEAR : 0 PAINT YEAR : 2016 PAINT YEAR : 0 MILS : 0 MILS : 0 MILS : 0 COMMENT : JOINTS ONLY CREW : LAYER : DATE :</div>												
WORK												
RESPONSIBILITY	LOCATION	WORK ITEM	PRIORITY	DATE REQUESTED								
DISTRICT SPECIAL	SUPER-GIRDERS	REPAIR SECT LOSS IN MEMBR	2	11/29/2016								
COMMENTS :	REPAIR THE GIRDER CANTILEVERS AND CANTILEVER BEARINGS.											
	ROADWAY SURFACE	CLEAN AND FLUSH	2	9/19/2018								
	ROADWAY SURFACE	SEAL WITH SILANE	3	1/5/2022								
PROGRAM RECOMMENDATIONS												



Safe & Sound = N

Missouri Department of Transportation
2020 Bridge Inspection History

DISTRICT : KC COUNTY : CLAY A4642

County = CLAY and Design_No = A4642 and Bridge_Type = STATE SYSTEM BRIDGE and Bridge_History_Year = 2020 and District = KC