	Safe & Sound = N				Missouri Department of Transportation 2020 Bridge Inspection History				DISTRICT : KC		COUNTY : CLAY		A4643		
GENERAL STRUCTURE INFORMATION															
STRUCTURE NUMBER : A4643 3801				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 : CURT RICKERSON, KEVIN WEGENER, RANDY WEAVER			
COUNTY : CLAY				STRUCTURE CLASS : STATBR				FUNCTIONAL CLASSIFICATION : UR-FREEWAY				INSPECTION DATE : 8/24/2019			
FACILITY CARRIED : US169S				DEFICIENT CODE :				LANES ON STRUCTURE 2				INSPECTION FREQUENCY : 24			
CURB TO CURB : 28 Ft. 0 In.				SUB AREA : 7C25				LANES UNDER STRUCTURE : 2				LATITUDE : 39 9 19.37716 (DMS)			
STRUCTURE LENGTH : 1,055 FEET				YEAR BUILT : 1975				BEGINNING COMPASS DIRECTION : SOUTH				LONGITUDE : 94 35 17.38596 (DMS)			
FEATURE INTERSECTED : ACCESS BRIDGE. BNSF R				RECONSTRUCTION YEAR : 1990				ENDING COMPASS DIRECTION : NORTH							
POSTING INFORMATION												ADVANCE SIGNING			
APPROVED POSTING CATEGORY : S-1 LIMITS : NO POSTING REQUIRED												SIGN TYPE : PROBLEM : DIRECTION :			
FIELD POSTING CATEGORY : S-1 LIMITS : NO POSTING REQUIRED															
POSTING PROBLEM : DIRECTION :															
COMMENTS :															
FACILITY CARRIED INFORMATION															
(ITEM 29) AVERAGE DAILY TRAFFIC : 19177 (ITEM 30) YEAR OF AVERAGE DAILY TRAFFIC : 2020															
(ITEM 53) VERTICAL CLEARANCE OVER DECK : DATE : COMMENTS :															
OTHER INSPECTION INFORMATION															
NBI : FREQUENCY :				NBI : FREQUENCY :				NBI : FREQUENCY :				NBI : FREQUENCY :			
PIN : DATE :				PIN : DATE :				PIN : DATE :				PIN : DATE :			
CATEGORY :				CATEGORY :				CATEGORY :				CATEGORY :			
METHODS :				METHODS :				METHODS :				METHODS :			
INSPECTORS :				INSPECTORS :				INSPECTORS :				INSPECTORS :			
COMMENTS :				COMMENTS :				COMMENTS :				COMMENTS :			
PROGRAM NOTES															
PROGRAM YEAR :				PROJECT NO. :				LETTING MONTH				LETTING YEAR :			
COMMENT :															
PROGRAM ITEMS :															
GENERAL COMMENTS : (62'-85'-85'-85'-82'-8'')(53'-62'-51'-8') CONT WF - (103'-124'-149'-95') CONT WELDED PL GDR SPANS															
RATINGS : (ITEM 58) DECK RATING : 6-SATISFACTORY CONDITION (ITEM 59) SUPERSTRUCTURE RATING : 7-GOOD CONDITION (ITEM 60) SUBSTRUCTURE RATING : 7-GOOD CONDITION															
COMMENTS : EXCESSIVE TRANSVERSE CRACKS WITH LIGHT EFFLORESCENCE THROUGHOUT SPANS 1-4 AND 10-11. COMMENTS : LIGHT SPOTTY RUSTING THROUGHOUT THE GIRDER CANTILEVERS. COMMENTS : A FEW CRACKS AND SPALLS THROUGHOUT A FEW BENT BEAMCAPS THROUGHOUT THE STRUCTURE & SPALLS.															
SUMMARY COMPONENTS															
APPROACH SERIES 1 CONTINUOUS SPAN STEEL				WIDE FLANGE GIRDERS				NUMBER OF SPANS : 5							
APPROACH SERIES 2 CONTINUOUS SPAN STEEL				WIDE FLANGE GIRDERS				NUMBER OF SPANS : 3							
MAIN SERIES 3 CONTINUOUS SPAN STEEL				PLATE GIRDERS				NUMBER OF SPANS : 4							
TOTAL NUMBER OF SPANS : 12															
RAILING RATINGS :															
(ITEM 36A) BRIDGE RAILING : MEETS CURRENT STANDARDS-1				COMMENT S :											
(ITEM 36B) TRANSITION RAILING : DOESNT MEET CURRNT STND-0				COMMENT S :											
(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 : VERTICAL CRACKS				THROUGHOUT				MANY							
(ITEM 36B) TRANSITION RAILING :															
County = CLAY and Design_No = A4643 and Bridge_Type = STATE SYSTEM BRIDGE and Bridge_History_Year = 2020 and District = KC															
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This report contains information that is protected from disclosure by federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Section 610.021 RSMo. Please review MoDOT's policy and procedure manual on the Sunshine Act before releasing any of the information contained herein.															

COMPONENT : TRANSITION RAILING COMMENTS : <b>(ITEM 36C) APPROACH RAILING :</b>	GALVANIZED STEEL	W-BEAM	DIRECTION : NORTHWEST
COMPONENT : APPROACH RAILING COMMENTS : <b>(ITEM 36D) RAIL END TREATMENT :</b>	GALVANIZED STEEL	W-BEAM	DIRECTION : NORTHWEST
<b><u>APPROACH PAVEMENT :</u></b>			
COMPONENT : APPROACH PAVEMENT	ASPHALT	BITUMINOUS MAT	DIRECTION : BOTH
CONDITION : PATCHES	THROUGHOUT	FEW	
CONDITION : SPALLS	THROUGHOUT	MINOR	

### DECK / RAILING ELEMENTS

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

**COMMENTS:** EXCESSIVE TRANSVERSE CRACKS WITH LIGHT EFFLORESCENCE THROUGHOUT SPANS 1-4 AND 10-11.

## DECK COMPONENTS

APPROACH SPANS	1		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MANY
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
APPROACH SPANS	2		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MANY
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
APPROACH SPANS	3		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MANY
APPROACH SPANS	4		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MANY
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
APPROACH SPANS	5		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	FEW
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
APPROACH SPANS	6		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	FEW
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
APPROACH SPANS	7		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	FEW
APPROACH SPANS	8		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	FEW
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
MAIN SPANS	9		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	FEW
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
MAIN SPANS	10		
COMPONENT :	DECK	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION :	TRANSVERSE CRACKS	THROUGHOUT	MANY
CONDITION :	EFFLORESCENCE	THROUGHOUT	LIGHT
MAIN SPANS	11		

County = CLAY and Design No = A4643 and Bridge Type = STATE SYSTEM BRIDGE and Bridge History Year = 2020 and District = KC





CONDITION :	VERTICAL CRACKS	THROUGHOUT	FEW	REINFORCED CONCRETE	CAST IN PLACE PILE		
FOOTING				STEEL	ROCKER		
EXPANSION BEARING							
CONDITION :	RUSTING	THROUGHOUT	LIGHT				
<b>BENT</b>	5	LABEL : BENT 4				REINFORCED CONCRETE	MULTIPLE COLUMN
COMMENTS :							
LENGTH : 29 FOOT 0 INCH							
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE		
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE		
FOOTING				REINFORCED CONCRETE	CAST IN PLACE PILE		
EXPANSION BEARING				STEEL	ROCKER		
CONDITION :	RUSTING	THROUGHOUT	LIGHT				
<b>BENT</b>	6	LABEL : BENT 5				REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 29 FOOT 0 INCH							
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE		
CONDITION :	SEALED	THROUGHOUT	EPOXY				
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE		
FOOTING				REINFORCED CONCRETE	CAST IN PLACE PILE		
EXPANSION BEARING				STEEL	ROCKER		
CONDITION :	RUSTING	THROUGHOUT	LIGHT				
CLOSED EXPANSION JOINT				ELASTOMERIC	STRIP SEAL		
CANTILEVER BEARING				STEEL	SINGLE ROLLER		
CONDITION :	RUSTING	THROUGHOUT	LIGHT				
<b>BENT</b>	7	LABEL : BENT 6				REINFORCED CONCRETE	MULTIPLE COLUMN
LEFTADVAN SKEW : 3 DEGREES 0		LENGTH : 29 FOOT 6 INCH					
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE		
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE		
FOOTING				REINFORCED CONCRETE	CAST IN PLACE PILE		
FIXED BEARING				STEEL	PEDESTAL(ROTATING)		
CONDITION :	RUSTING	THROUGHOUT	LIGHT				
<b>BENT</b>	8	LABEL : BENT 7				REINFORCED CONCRETE	MULTIPLE COLUMN
LEFTADVAN SKEW : 29 DEGREES 0		LENGTH : 34 FOOT 0 INCH					
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE		
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE		
FOOTING				REINFORCED CONCRETE	CAST IN PLACE PILE		
EXPANSION BEARING				STEEL	ROCKER		
CONDITION :	RUSTING	THROUGHOUT	LIGHT				
<b>BENT</b>	9	LABEL : BENT 8				REINFORCED CONCRETE	MULTIPLE COLUMN
LEFTADVAN SKEW : 38 DEGREES 0		LENGTH : 38 FOOT 9 INCH					
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE		
CONDITION :	SPALLS	AT BEARING	NO AFFECT				
COMMENTS : GIRDER 2							
CONDITION :	SEALED	THROUGHOUT	EPOXY				
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE		
FOOTING				REINFORCED CONCRETE	CAST IN PLACE PILE		
EXPANSION BEARING				STEEL	ROCKER		
CONDITION :	SECTION LOSS	THROUGHOUT	MINOR				
CONDITION :	PACK RUST	THROUGHOUT	MEDIUM				
CLOSED EXPANSION JOINT				ELASTOMERIC	STRIP SEAL		
CANTILEVER BEARING				STEEL	SINGLE ROLLER		
CONDITION :	RUSTING	THROUGHOUT	LIGHT				
<b>BENT</b>	10	LABEL : BENT 9				REINFORCED CONCRETE	MULTIPLE COLUMN
LEFTADVAN SKEW : 36 DEGREES 0		LENGTH : 55 FOOT 2 INCH					
BEAM CAP				REINFORCED CONCRETE	CAST-IN-PLACE		
COLUMN				REINFORCED CONCRETE	CAST-IN-PLACE		
CONDITION :	SPALLS	THROUGHOUT	FEW				
FOOTING				REINFORCED CONCRETE	CAST IN PLACE PILE		

County = CLAY and Design No = A4643 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**

A4643

EXPANSION BEARING	STEEL	ROCKER
CONDITION : RUSTING	THROUGHOUT	LIGHT
<u>BENT</u> 11	LABEL : BENT 10	REINFORCED CONCRETE
LEFTADVAN SKEW : 55 DEGREES 0	LENGTH : 70 FOOT 0 INCH	MULTIPLE COLUMN
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE
FOOTING	REINFORCED CONCRETE	CAST IN PLACE PILE
FIXED BEARING	STEEL	PEDESTAL(ROTATING)
CONDITION : RUSTING	THROUGHOUT	LIGHT
<u>BENT</u> 12	LABEL : BENT 11	REINFORCED CONCRETE
LEFTADVAN SKEW : 55 DEGREES 0	LENGTH : 67 FOOT 9 INCH	MULTIPLE COLUMN
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE
COLUMN	REINFORCED CONCRETE	CAST-IN-PLACE
FOOTING	REINFORCED CONCRETE	CAST IN PLACE PILE
EXPANSION BEARING	STEEL	ROCKER
CONDITION : RUSTING	THROUGHOUT	LIGHT
<u>ABUTMENT</u> 13	LABEL : NORTH ABUT	REINFORCED CONCRETE
COMMENTS :		NON-INTEGRAL
LEFTADVAN SKEW : 55 DEGREES 0	LENGTH : 71 FOOT 4 INCH	
BEAM CAP	REINFORCED CONCRETE	CAST-IN-PLACE
CONDITION : SEALED	THROUGHOUT	ASPHALTICBASE
PILING	REINFORCED CONCRETE	CAST-IN-PLACE
TURNED BACK WINGS	REINFORCED CONCRETE	CAST-IN-PLACE
EXPANSION BEARING	STEEL	ROCKER
CLOSED EXPANSION JOINT	ELASTOMERIC	STRIP SEAL

### MISCELLANEOUS ITEMS

MEETS CURRENT STANDARDS-1  
EXCESSIVE TRANSVERSE CRACKS WITH LIGHT EFFLORESCENCE THROUGHOUT SPANS 1-4 AND 10-11.  
LIGHT SPOTTY RUSTING THROUGHOUT THE GIRDER CANTILEVERS.  
A FEW CRACKS AND SPALLS THROUGHOUT A FEW BENT BEAMCAPS THROUGHOUT THE STRUCTURE & SPALLS.

**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

ROCK	RIP RAP	SOUTH
PLAIN CONCRETE	PAVEDSLOPE	NORTH

## UTILITY ATTACHMENTS

TELEPHONE	CONDUIT	DIAMETER	4 INCH
COMMENTS :	AGREEMENT FOR BOTH A4643 & A4644		

## STRUCTURE PAINT DETAILS


OVERALL PAINT CONDITION FAIR RUST AMOUNT : 7 = .2% OF SURFACE RUSTED STEEL TONS : 542

ORIGINAL PAINT		CONTRACT REPAINT		DEPARTMENT REPAINT	
PAINT TYPE :		PAINT TYPE :		PAINT TYPE :	G SYSTEM
NAME :		NAME :		NAME :	ZINC/EPOXY/ACRYLIC
PAINT COLOR :		PAINT COLOR :		PAINT COLOR :	
PAINT YEAR :	0	PAINT YEAR :	0	PAINT YEAR :	2009
MILS :	0	MILS :	0	MILS :	0
CREW :		LAYER :		DATE :	

## WORK

County = CLAY and Design No = A4643 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		A4643	
RESPONSIBILITY		LOCATION		WORK ITEM		PRIORITY	DATE REQUESTED					
DISTRICT SPECIAL				MISCELLANEOUS		3	7/24/2017					
COMMENTS :		CLEAN DEBRIS FROM EXPANSION DEVICES BASED ON JUNE 2017 INSPECTION										
		ABUTMENT-CAPS		REPAIR BEARING SEAT		3	6/24/2019					
COMMENTS :		ABUT 13 GIRDER 5 ROCKER WITH 1 KEEPER MISSING ON PIN										
PROGRAM RECOMMENDATIONS												



Safe & Sound = N

Missouri Department of Transportation  
2020 Bridge Inspection History

DISTRICT : KC

COUNTY : CLAY

A4643

County = CLAY and Design\_No = A4643 and Bridge\_Type = STATE SYSTEM BRIDGE and Bridge\_History\_Year = 2020 and District = KC