

		Missouri Department of Transportation Bridge Inspection Report				DISTRICT : SL      COUNTY : ST. LOUIS      A2643	
GENERAL STRUCTURE INFORMATION							
STRUCTURE NUMBER :      A2643      2295		STRUCTURE STATUS :      P-POSTLOAD		P-POSTLOADMAINTENANCE DISTRICT : SL		MAINTENANCE DISTRICT : SL	
DISTRICT :      SL		DIRECTION OF TRAFFIC :      1-WAY TRAF		OWNED BY : MODOT		MAINTAINED BY : MODOT	
COUNTY :      ST. LOUIS		STRUCTURE CLASS :      STATBR		FUNCTIONAL CLASSIFICATION :		INTERSTATE	
FACILITY CARRIED :      IS 44 E		DEFICIENT CODE :		LANES ON STRUCTURE :		4	
CURB TO CURB :      58 Ft. 0 In.		SUB AREA :      7F35		LANES UNDER STRUCTURE :		2	
STRUCTURE LENGTH :      1,081 FEET		YEAR BUILT :      1972		BEGINNING COMPASS DIRECTION :		WEST	
FEATURE INTERSECTED :      MERAMEC RVR. CST YA		RECONSTRUCTION YEAR :      0		ENDING COMPASS DIRECTION :		EAST	
POSTING INFORMATION						ADVANCE SIGNING	
APPROVED POSTING CATEGORY : S-C      LIMITS : Ton1 : 60      WEIGHT LIMIT 60 TONS. FIELD POSTING CATEGORY : S-C3      LIMITS : Ton1 : 60      WEIGHT LIMIT 60 TONS. POSTING PROBLEM :      DIRECTION : COMMENTS :						SIGN TYPE : PROBLEM : DIRECTION :	
FACILITY CARRIED INFORMATION							
(ITEM 29) AVERAGE DAILY TRAFFIC : 45697		(ITEM 30) YEAR OF AVERAGE DAILY TRAFFIC : 2012		PERMITTED VERTICAL CLEARANCE :			
(ITEM 53) VERTICAL CLEARANCE OVER DECK :		DATE :					
OTHER INSPECTION INFORMATION							
NBI :      FREQUENCY : PIN :      DATE : CATEGORY : METHODS : INSPECTORS : COMMENTS :		UNDERWATER INFORMATION NBI :      NO      FREQUENCY :      60 PIN :      NO      DATE :      07/21/2010 CATEGORY :      WADE METHODS :      PROBE INSPECTORS :      ADAM ZENTZ, CURT STEGE, JESSE ELSE, MAC F COMMENTS :		NBI :      FREQUENCY : PIN :      DATE : CATEGORY : METHODS : INSPECTORS : COMMENTS :		INDEPTH INFORMATION NBI :      NO      FREQUENCY :      24 PIN :      NO      DATE :      06/14/2011 CATEGORY :      PG-INTERSTATE METHODS :      SNOOPER INSPECTORS :      JOHN WIESE, LARRY FRIT COMMENTS :	
PROGRAM NOTES							
PROGRAM YEAR :    1997      PROJECT NO. :    A26432      LETTING MONTH :    10      LETTING YEAR :    1997 COMMENTS : PROGRAM ITEMS :    SUBSTRUCTURE REPAIR DECK REPAIR WEARING SURFACE							
PROGRAM YEAR :    2006      PROJECT NO. :    J611919      LETTING MONTH :    3      LETTING YEAR :    2006 COMMENTS :    OVERCOAT WUTH REPAINT AT EXP. BRGS. AND SEAL DECK OUTLETS. PROGRAM ITEMS :    OTHER REPAINT							
PROGRAM YEAR :    2004      PROJECT NO. :    J611853      LETTING MONTH :    12      LETTING YEAR :    2004 COMMENTS : PROGRAM ITEMS :    DECK REPAIR							
PROGRAM YEAR :    2006      PROJECT NO. :    J6D0600/W      LETTING MONTH :    1      LETTING YEAR :    2006 COMMENTS : PROGRAM ITEMS :    WEARING SURFACE							
PROGRAM YEAR :    2016      PROJECT NO. :    J611891      LETTING MONTH :    0      LETTING YEAR :    0 COMMENTS :    BARE MINIMUM REHAB - REPLACE TOP LIFT UBAWS, SEAL CAPS UNDER EXPANSION AND REPACK JOINTS IN COMBINATION WITH L0623 PROGRAM ITEMS :    WEARING SURFACE SUPERSTRUCTURE REPAIR REPLACE EXPANSION DEVICE							
GENERAL COMMENTS : FULL BLOWN SNOOPER      COMMENT 1: (70'-89'-70'-4')(70'-89'-89'-70')(4'-120'-150'-120'-4')(74.5'-74.5)    CONT COMP CURVED PL GDR SPANS - MANY CRKS RPRD '97 CONTRACT; 1 NEW CR 2" FOUND @ '99 INSP; EXCESSIVE REPAIRS TO POLY RATINGS :    (ITEM 58) DECK RATING : 6-SATISFACTORY CONDITION      02/13/2002      (ITEM 59) SUPERSTRUCTURE RATING : 6-SATISFACTORY CONDITION      12/28/2004      (ITEM 60) SUBSTRUCTURE RATING : 6-SATISFACTORY CONDITION      02/13/2002 COMMENTS : 6 RATE DUE TO MOD EFF, SAT, PATCHES & T-CRACKING      COMMENTS : 6 DUE TO FATIGUE CRACKING      COMMENTS : LOWERED TO 6 - SPALL BT 4 NEAR BRGS EXPOSED FOOTING ON COMPETENT ROCK, WITH NO UNDERMINING.							
SUMMARY COMPONENTS							
MAIN SERIES      1      CONTINUOUS SPAN		STEEL		PLATE GIRDERS		NUMBER OF SPANS      3	
MAIN SERIES      2      CONTINUOUS SPAN		STEEL		PLATE GIRDERS		NUMBER OF SPANS      4	
MAIN SERIES      3      CONTINUOUS SPAN		STEEL		PLATE GIRDERS		NUMBER OF SPANS      3	
Design_No = A2643							
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		Missouri Department of Transportation Bridge Inspection Report				DISTRICT : SL		COUNTY : ST. LOUIS		A2643			
MAIN SERIES		4		CONTINUOUS SPAN		STEEL		PLATE GIRDERS		NUMBER OF SPANS		2	
TOTAL NUMBER OF SPANS : 12													
RAILING RATINGS :													
(ITEM 36A) BRIDGE RAILING :		0- NOT PROVIDED		COMMENT S :		CURB HAS LARGE SPALLS WITH REBAR EXPOSED, COLLISION DAMAGE							
(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 :		DELAMINATION		THROUGHOUT		MODERATE							
CONDITION :		SPALLS		THROUGHOUT		LARGE							
COMMENTS : SPANS 4 THROUGH 10													
COMPONENT :		BRIDGE RAILING		ALUMINUM		CIRCULAR TUBE		DIRECTION : BOTH					
CONDITION :		COLLISION DAMAGE		THROUGHOUT		MINOR							
COMMENTS : SPAN 8													
(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			
APPROACH PAVEMENT :													
DECK / RAILING ELEMENTS													
(ITEM 58) OVERALL CONDITION RATING : 6-SATISFACTORY CONDITION													
COMMENT S : 6 RATE DUE TO MOD EFF, SAT, PATCHES & T-CRACKING													
DECK COMPONENTS													
MAIN SPANS		1											
COMPONENT :		DECK		REINFORCED CONCRETE		CAST-IN-PLACE							
CONDITION :		EFFLORESCENCE		OVERHANGS		MODERATE							
CONDITION :		MAP CRACKS		OVERHANGS		MANY							
CONDITION :		PATCHES		THROUGHOUT		FEW							
CONDITION :		EFFLORESCENCE		BOTTOM		MODERATE							
CONDITION :		TRANSVERSE CRACKS		BOTTOM		MODERATE							
CONDITION :		SATURATION		RANDOM		MINOR							
MAIN SPANS		2											
COMPONENT :		DECK		REINFORCED CONCRETE		CAST-IN-PLACE							
CONDITION :		EFFLORESCENCE		OVERHANGS		MODERATE							
CONDITION :		MAP CRACKS		OVERHANGS		MANY							
CONDITION :		PATCHES		THROUGHOUT		FEW							
CONDITION :		EFFLORESCENCE		BOTTOM		MODERATE							
CONDITION :		TRANSVERSE CRACKS		BOTTOM		FEW							
MAIN SPANS		3											
COMPONENT :		DECK		REINFORCED CONCRETE		CAST-IN-PLACE							
CONDITION :		PATCHES		THROUGHOUT		FEW							
CONDITION :		EFFLORESCENCE		OVERHANGS		MODERATE							
CONDITION :		MAP CRACKS		OVERHANGS		MANY							
CONDITION :		EFFLORESCENCE		BOTTOM		FEW							
CONDITION :		TRANSVERSE CRACKS		BOTTOM		MINOR							
CONDITION :		REBAR EXPOSED		BOTTOM		FEW							
CONDITION :		SPALLS		BOTTOM		MINOR							
MAIN SPANS		4											
COMPONENT :		DECK		REINFORCED CONCRETE		CAST-IN-PLACE							
CONDITION :		PATCHES		THROUGHOUT		FEW							
CONDITION :		EFFLORESCENCE		OVERHANGS		MODERATE							
CONDITION :		MAP CRACKS		OVERHANGS		MANY							
MAIN SPANS		5											
COMPONENT :		DECK		REINFORCED CONCRETE		CAST-IN-PLACE							
CONDITION :		PATCHES		THROUGHOUT		MANY							
CONDITION :		EFFLORESCENCE		OVERHANGS		MODERATE							
CONDITION :		MAP CRACKS		OVERHANGS		MANY							
MAIN SPANS		6											
COMPONENT :		DECK		REINFORCED CONCRETE		CAST-IN-PLACE							
Design_No = A2643													
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		Missouri Department of Transportation Bridge Inspection Report		DISTRICT : SL	COUNTY : ST. LOUIS	A2643			
Safe & Sound =									
CONDITION : PATCHES		THROUGHOUT	MANY						
CONDITION : EFFLORESCENCE		OVERHANGS	MODERATE						
CONDITION : MAP CRACKS		OVERHANGS	MANY						
CONDITION : SATURATION		BOTTOM	MINOR						
COMMENTS : NEAR BENT 7									
MAIN SPANS 7									
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION : PATCHES		THROUGHOUT	MANY						
CONDITION : EFFLORESCENCE		OVERHANGS	MODERATE						
CONDITION : MAP CRACKS		OVERHANGS	MANY						
CONDITION : SATURATION		RANDOM	MINOR						
CONDITION : DELAMINATION		OVERHANGS	FEW						
CONDITION : OTHER		EDGE	NOT APPLICABLE						
COMMENTS : BROKE OF BETWEEN GIRDERS 1 & 2 AT EXPANSION JOINT.									
MAIN SPANS 8									
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE						
COMMENTS : MANY MORE PATCHES TO WEARING SURFACE (1-12-2006)									
CONDITION : PATCHES		THROUGHOUT	MANY						
CONDITION : EFFLORESCENCE		OVERHANGS	MODERATE						
CONDITION : MAP CRACKS		OVERHANGS	MANY						
CONDITION : TRANSVERSE CRACKS		BOTTOM	FEW						
CONDITION : EFFLORESCENCE		BOTTOM	FEW						
MAIN SPANS 9									
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION : PATCHES		THROUGHOUT	MANY						
CONDITION : EFFLORESCENCE		OVERHANGS	MODERATE						
CONDITION : MAP CRACKS		OVERHANGS	MANY						
CONDITION : DELAMINATION		RANDOM	FEW						
CONDITION : REBAR EXPOSED		RANDOM	FEW						
CONDITION : HIGH STEEL SPALLS		BOTTOM	FEW						
MAIN SPANS 10									
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION : PATCHES		THROUGHOUT	MANY						
CONDITION : EFFLORESCENCE		OVERHANGS	MODERATE						
CONDITION : MAP CRACKS		OVERHANGS	MANY						
CONDITION : OTHER		EDGE	NOT APPLICABLE						
COMMENTS : BROKE OFF WEST SIDE BT 8									
MAIN SPANS 11									
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE						
CONDITION : PATCHES		THROUGHOUT	MANY						
CONDITION : EFFLORESCENCE		OVERHANGS	MODERATE						
CONDITION : MAP CRACKS		OVERHANGS	MANY						
CONDITION : SATURATION		RANDOM	MINOR						
CONDITION : SPALLS		BOTTOM	MINOR						
MAIN SPANS 12									
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE						
COMMENTS : THE APPROACH JOINT AT THE EAST ABUTMENT IS OPEN, 2ND IS LETTING WATER AND DEBRIS THRU									
CONDITION : PATCHES		THROUGHOUT	MANY						
CONDITION : EFFLORESCENCE		OVERHANGS	MODERATE						
CONDITION : MAP CRACKS		OVERHANGS	MANY						
CONDITION : SATURATION		RANDOM	MINOR						
CONDITION : TRANSVERSE CRACKS		BOTTOM	MANY						
CONDITION : LEACHING		BOTTOM	MINOR						
<b><u>DRAINAGE COMPONENTS</u></b>									
DRAINAGE 0									
COMPONENT : DRAINAGE							REINFORCED CONCRETE	CURB OUTLET	
COMMENTS : MANY REPAIRS IN PAST ALONG NORTH EDGE. ENTIRE EDGE AND OVERHANG SEALED IN 2006 WITH PAINT WORK.									
<b><u>EXPANSION DEVICES</u></b>									
BENT 4									
COMPONENT : CLOSED EXPANSION JOINT							ELASTOMERIC	STRIP SEAL	OVERALL CONDITION : FAIR
COMMENTS : WITH LAST WS MAT OVERLAY, EXISTING STRIP SEAL EXPANSIONS AT BENTS 4, 8 & 11 WERE RAISED BY ADDING BAR DAM & ASPHALT ON ONE SIDE OF THE JOINT AND 1" THICK POLYMER CONCRETE ON THE OTHER SIDE WITH A SILICON SEAL == THE SILICON IS LONG GONE AND THE 1" THICK POLYMER (NOSING) IS AT VARIOUS STAGES OF BREAKING OUT AT ALL JOINTS									
CONDITION : POUNDING		THROUGHOUT	NOT APPLICABLE						
BENT 8									



## DISTRICT : SL      COUNTY : ST. LOUIS      A2643

SUPERSTRUCTURE ELEMENTS																																																																																									
(ITEM 59) OVERALL CONDITION RATING : 6-SATISFACTORY CONDITION																																																																																									
COMMENT S : 6 DUE TO FATIGUE CRACKING																																																																																									
<table border="0"> <tr> <td colspan="2"><u>MAIN SERIES</u></td> <td>1</td> <td>CONTINUOUS SPAN</td> <td>STEEL</td> <td>PLATE GIRDERS</td> <td>NUMBER OF SPANS</td> <td>3</td> <td colspan="2"></td> </tr> <tr> <td>MAIN SPANS</td> <td>1</td> <td>CONTINUOUS SPAN</td> <td>COMPOSITE</td> <td>STEEL</td> <td>PLATE GIRDERS</td> <td>LENGTH :</td> <td>72 FOOT 0 INCH</td> <td>LENGTH :</td> <td>150 FOOT 0</td> </tr> <tr> <td>COMMENTS :</td> <td colspan="9">NO NEW CRACKS FOUND, ALL CRACKS REPAIRED EXCEPT TWO, CRACKS NOT GROWING RETROFITTED CONN- GDR 3 ALL'L CRD CONN - 1ST DIAPH E OF W ABUT.</td> </tr> <tr> <td>MAIN SPANS</td> <td>2</td> <td>CONTINUOUS SPAN</td> <td>COMPOSITE</td> <td>STEEL</td> <td>PLATE GIRDERS</td> <td>LENGTH :</td> <td>89 FOOT 0 INCH</td> <td>WEATHERING IND :</td> <td></td> </tr> <tr> <td>COMMENTS :</td> <td colspan="9">OLD CRACK IN TOP FLANGE WELD GREW 2 1/2" IN GIRDER 6, N. C. 06/13/06 COVERED WITH PAINT, NOT VISIBLE 06/20/2007.</td> </tr> <tr> <td></td> <td colspan="9">RETROFIT ADD'L CRD CONNS</td> </tr> <tr> <td>MAIN SPANS</td> <td>3</td> <td>CONTINUOUS SPAN</td> <td>COMPOSITE</td> <td>STEEL</td> <td>PLATE GIRDERS</td> <td>LENGTH :</td> <td>70 FOOT 0 INCH</td> <td>WEATHERING IND :</td> <td></td> </tr> <tr> <td>COMMENTS :</td> <td colspan="9">3 CR'D CONN'S EDGES REP'D CRACKING MANY PATCHES</td> </tr> </table>										<u>MAIN SERIES</u>		1	CONTINUOUS SPAN	STEEL	PLATE GIRDERS	NUMBER OF SPANS	3			MAIN SPANS	1	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH :	72 FOOT 0 INCH	LENGTH :	150 FOOT 0	COMMENTS :	NO NEW CRACKS FOUND, ALL CRACKS REPAIRED EXCEPT TWO, CRACKS NOT GROWING RETROFITTED CONN- GDR 3 ALL'L CRD CONN - 1ST DIAPH E OF W ABUT.									MAIN SPANS	2	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH :	89 FOOT 0 INCH	WEATHERING IND :		COMMENTS :	OLD CRACK IN TOP FLANGE WELD GREW 2 1/2" IN GIRDER 6, N. C. 06/13/06 COVERED WITH PAINT, NOT VISIBLE 06/20/2007.										RETROFIT ADD'L CRD CONNS									MAIN SPANS	3	CONTINUOUS SPAN	COMPOSITE	STEEL	PLATE GIRDERS	LENGTH :	70 FOOT 0 INCH	WEATHERING IND :		COMMENTS :	3 CR'D CONN'S EDGES REP'D CRACKING MANY PATCHES								
<u>MAIN SERIES</u>		1	CONTINUOUS SPAN	STEEL	PLATE GIRDERS	NUMBER OF SPANS	3																																																																																		
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## DISTRICT : SL      COUNTY : ST. LOUIS      A2643

TOTAL NUMBER OF SPAN	12
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## SUBSTRUCTURE ELEMENTS


(ITEM 60) OVERALL CONDITION RATING : 6-SATISFACTORY CONDITION					
COMMENT S : LOWERED TO 6 - SPALL BT 4 NEAR BRGS					
<u>ABUTMENT</u>		1	LABEL :	REINFORCED CONCRETE	NON-INTEGRAL
LENGTH : 60 FOOT 9 INCH LEFTADVAN SKEW : 3 DEGREES 0					
BEAM CAP					
CONDITION : HORIZONTAL CRACKS		THROUGHOUT	REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : EFFLORESCENCE		THROUGHOUT	FEW		
CONDITION : VERTICAL CRACKS		THROUGHOUT	MODERATE		
			MINOR		
PILING					
TURNED BACK WINGS			STEEL	H-SHAPE	
CURTAIN WALL			REINFORCED CONCRETE	CAST-IN-PLACE	
BACKWALL			REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : EFFLORESCENCE		THROUGHOUT	REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION : VERTICAL CRACKS		THROUGHOUT	MINOR		
CONDITION : HORIZONTAL CRACKS		THROUGHOUT	FEW		
			FEW		
EXPANSION BEARING					
CONDITION : RUSTING		THROUGHOUT	STEEL	ROCKER	OVERALL CONDITION:
			LIGHT		
<u>BENT</u>		2	LABEL :	REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 57 FOOT 11 INCH LEFTADVAN SKEW : 4 DEGREES 0					

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Safe & Sound =								
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: GOOD				
<b>BENT</b> 3 LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN			
LENGTH : 57 FOOT 11 INCH LEFTADVAN SKEW : 5 DEGREES 0								
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE					
CONDITION : RUST STAINS		MINOR						
CONDITION : REBAR EXPOSED		FEW						
CONDITION : SPALLS		FEW						
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE					
CONDITION : HIGH STEEL SPALLS		FEW						
FOOTING		REINFORCED CONCRETE	H-PILE					
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:				
<b>BENT</b> 4 LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN			
LENGTH : 57 FOOT 11 INCH LEFTADVAN SKEW : 7 DEGREES 0								
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE					
CONDITION : DELAMINATION		MINOR						
CONDITION : HORIZONTAL CRACKS		FEW						
CONDITION : DELAMINATION		MINOR						
COMMENTS : E CAP FACE								
CONDITION : OTHER		FRONT FACE	NOT APPLICABLE					
COMMENTS : MINOR H CRACKS E CAP FACE								
CONDITION : SPALLS		AT BEARING	MEDIUM					
COMMENTS : REBAR EXPOSED.								
CONDITION : REBAR EXPOSED		RANDOM	FEW					
CONDITION : SPALLS		RANDOM	FEW					
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE					
CONDITION : VERTICAL CRACKS		TOP	FEW					
CONDITION : DELAMINATION		RANDOM	FEW					
FOOTING		REINFORCED CONCRETE	H-PILE					
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:				
CLOSED EXPANSION JOINT		ELASTOMERIC	STRIP SEAL	OVERALL CONDITION: FAIR				
COMMENTS : WITH LAST WS MAT OVERLAY, EXISTING STRIP SEAL EXPANSIONS AT BENTS 4, 8 & 11 WERE RAISED BY ADDING BAR DAM & ASPHALT ON ONE SIDE OF THE JOINT AND 1" THICK POLYMER CONCRETE ON THE OTHER SIDE WITH A SILICON SEAL == THE SILICON IS LONG GONE AND THE 1" THICK POLYMER (NOSING) IS AT VARIOUS STAGES OF BREAKING OUT AT ALL JOINTS								
CONDITION : POUNDING		THROUGHOUT	NOT APPLICABLE					
CONDITION : DETERIORATION		NOSING	MINOR					
<b>BENT</b> 5 LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN			
LENGTH : 57 FOOT 11 INCH LEFTADVAN SKEW : 8 DEGREES 0								
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE					
CONDITION : DELAMINATION		MINOR						
CONDITION : HORIZONTAL CRACKS		FEW						
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE					
FOOTING		REINFORCED CONCRETE	H-PILE					
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:				
<b>BENT</b> 6 LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN			
LENGTH : 58 FOOT 2 INCH LEFTADVAN SKEW : 10 DEGREES 0								
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:				
<b>BENT</b> 7 LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN			
LENGTH : 58 FOOT 7 INCH LEFTADVAN SKEW : 11 DEGREES 0								
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE					
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE					
CONDITION : DELAMINATION		THROUGHOUT	MINOR					
CONDITION : VERTICAL CRACKS		TOP	FEW					
FOOTING		REINFORCED CONCRETE	H-PILE					
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:				
<b>BENT</b> 8 LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN			
LENGTH : 58 FOOT 9 INCH LEFTADVAN SKEW : 13 DEGREES 0								
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE					
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE					


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		Missouri Department of Transportation Bridge Inspection Report				DISTRICT : SL		COUNTY : ST. LOUIS	A2643
Safe & Sound =									
CONDITION : HIGH STEEL SPALLS		RANDOM		FEW					
FOOTING				REINFORCED CONCRETE		H-PILE			
CLOSED EXPANSION JOINT				ELASTOMERIC		STRIP SEAL		OVERALL CONDITION:	
CONDITION : FAILING		THROUGHOUT		NOT APPLICABLE					
COMMENTS : SEAL DEBONDING NOSING BREAKING OUT.									
CONDITION : LEAKING		THROUGHOUT		NOT APPLICABLE					
CONDITION : POUNDING		THROUGHOUT		NOT APPLICABLE					
CANTILEVER BEARING				STEEL		ROCKER			
EXPANSION BEARING				STEEL		ROCKER		OVERALL CONDITION:	
<b>BENT</b> 9		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
LENGTH : 60 FOOT 0 INCH		LEFTADVAN SKEW : 15 DEGREES 0							
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE			
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION : VERTICAL CRACKS		TOP		FEW					
FOOTING				REINFORCED CONCRETE		SPREAD			
COMMENTS : UNDERWATER INSPECTION (7/21/10) SHOWS STREAMBED AT INSIDE FACE OF FOOTING IS RIGHT AT OR SLIGHTLY BELOW BOTTOM OF FOOTING.									
EXPANSION BEARING				STEEL		ROCKER		OVERALL CONDITION:	
<b>PIER</b> 10		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
LENGTH : 60 FOOT 5 INCH		LEFTADVAN SKEW : 17 DEGREES 0							
CONDITION : MINOR SHOVING		THROUGHOUT							
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE			
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION : SCALING		WATERLINE		MODERATE					
FOOTING				REINFORCED CONCRETE		SPREAD			
FIXED BEARING				STEEL		PEDESTAL(ROTATING)		OVERALL CONDITION:	
<b>PIER</b> 11		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
LENGTH : 60 FOOT 6 INCH		LEFTADVAN SKEW : 19 DEGREES 0							
CONDITION : MINOR SHOVING		THROUGHOUT							
COMMENTS : EAST									
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION : DELAMINATION		RANDOM		MINOR					
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION : DELAMINATION		THROUGHOUT		MINOR					
CONDITION : VERTICAL CRACKS		TOP		FEW					
FOOTING				REINFORCED CONCRETE		SPREAD			
EXPANSION BEARING				STEEL		SLIDING FLAT PLATE		OVERALL CONDITION:	
COMMENTS : THE BEARINGS HAVE HEABY PACK RUST ON THE BEARING PLATES. FOUND PAINTED AND CLEANED AT 06/20/2007 INSP.									
CLOSED EXPANSION JOINT				ELASTOMERIC		STRIP SEAL		OVERALL CONDITION: POOR	
COMMENTS : NEEDS CLEANED OUT									
WEB BEAM				REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION : REBAR EXPOSED		THROUGHOUT		MINOR					
CONDITION : SPALLS		THROUGHOUT		MODERATE					
DIAPHRAGM				STEEL		OTHER			
CANTILEVER BEARING				STEEL		ROCKER			
CONDITION : TIPPED		THROUGHOUT		EXCESSIVE					
COMMENTS : THE CANTILEVER BEARINGS, EAST OF BENT 2 ARE TIPPED TOWARDS THE WEST AT 50 DEGREES; THOSE UNDER GIRDER 1 & 2 ARE ALMOST TIPPED TO THE MAX									
<b>BENT</b> 12		LABEL :				REINFORCED CONCRETE		MULTIPLE COLUMN	
LENGTH : 61 FOOT 1 INCH		LEFTADVAN SKEW : 21 DEGREES 0							
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE			
COLUMN				REINFORCED CONCRETE		CAST-IN-PLACE			
FOOTING				REINFORCED CONCRETE		SPREAD			
FIXED BEARING				STEEL		PEDESTAL(ROTATING)		OVERALL CONDITION:	
<b>ABUTMENT</b> 13		LABEL :				REINFORCED CONCRETE		NON-INTEGRAL	
LENGTH : 63 FOOT 10 INCH		LEFTADVAN SKEW : 21 DEGREES 0							
BEAM CAP				REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION : HORIZONTAL CRACKS		AT BEAM CAP		MANY					
CONDITION : VERTICAL CRACKS		AT BEAM CAP		FEW					
TURNED BACK WINGS				REINFORCED CONCRETE		CAST-IN-PLACE			
CURTAIN WALL				REINFORCED CONCRETE		CAST-IN-PLACE			
BACKWALL				REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION : HORIZONTAL CRACKS		THROUGHOUT		FEW					
CONDITION : VERTICAL CRACKS		THROUGHOUT		MODERATE					
CONDITION : EFFLORESCENCE		THROUGHOUT		MINOR					

		Missouri Department of Transportation Bridge Inspection Report			DISTRICT : SL    COUNTY : ST. LOUIS    A2643	
FOOTING		REINFORCED CONCRETE	SPREAD			
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:		
COMMENTS :    LIFTING APPROX 1/4 " ; THE SOLE PLATE WELDS ARE BROKEN (CRACKED) UNDER GIRDERS 2,3,5,6						
CONDITION :    PACK RUST		THROUGHOUT	MEDIUM			
<b>MISCELLANEOUS ITEMS</b>						
0- NOT PROVIDED						
COMMENTS :    CURB HAS LARGE SPALLS WITH REBAR EXPOSED, COLLISION DAMAGE						
COMMENTS :    6 RATE DUE TO MOD EFF, SAT, PATCHES & T-CRACKING						
COMMENTS :    6 DUE TO FATIGUE CRACKING						
COMMENTS :    LOWERED TO 6 - SPALL BT 4 NEAR BRGS						
COMMENTS :    EXPOSED FOOTING ON COMPETENT ROCK, WITH NO    UNDERMINING.						
<b>CHANNEL PROTECTIO</b> (ITEM 61) CHANNEL CONDITION RATING :    7-MINOR DAMAGE						
<b>SCOUR CONDITION</b> (ITEM 113) OVERALL SCOUR CONDITION RATING :    5-FOUNDATION STABLE						
COMMENTS :    LOWERED SCOUR RATING TO '5' DUE TO EXPOSURE OF STREAM BED TO BASE OF SPREAD FOOTING (INSIDE OF CHANNEL) ON ROCK.						
<b>WATERWAY ADEQUAC</b> (ITEM 71) WATERWAY ADEQUACY RATING :    DECK ABOVE FLOOD ELEV						
<b>BANK PROTECTION</b>						
ROCK		BLANKET	WEST			
<b>UTILITY ATTACHMENTS</b>						
<b>STRUCTURE PAINT DETAILS</b>						
OVERALL PAINT CONDITION :		GOOD	RUST AMOUNT    9=.03% OF SURFACE RUSTED	STEEL TONS :	687	
ORIGINAL PAINT		CONTRACT REPAINT		DEPARTMENT REPAINT		
PAINT TYPE :		A SYSTEM	PAINT TYPE :	S SYSTEM	PAINT TYPE :	
NAME :		RED LEAD	NAME :	CAL SULPH/LEAD PAINT	NAME :	
PAINT COLOR :		ALUMINUM	PAINT COLOR :	ALUMINUM	PAINT COLOR :	
PAINT YEAR :		1974	PAINT YEAR :	2006	PAINT YEAR :	
MILS :		0	MILS :	0	MILS :	
COMMENTS :    SYSTEM G PAINTING DONE AT GIRDER ENDS UNDER EXPANSION DEVICES (2006).    CALCIUM SULFONATE IS FROM SHERWIN WILLIAMS.						
CREW :		LAYER :	DATE :			
<b>WORK</b>						
<b>RESPONSIBILITY</b>	<b>LOCATION</b>	<b>WORK ITEM</b>	<b>PRIORITY</b>	<b>DATE REQUESTED</b>		
DISTRICT ROUTINE	SLOPE	CUT BRSH&TREES SPAYVINES	3	10/26/2004		
DISTRICT SPECIAL	NOT APPLICABLE	REPAIR HANDRAIL	3	10/06/2006		
REGIONAL	BENT-CAPS	REPAIR BEARING SEAT	3	06/20/2007		
<b>PROGRAM RECOMMENDATIONS</b>						