




		Missouri Department of Transportation Bridge Inspection Report				DISTRICT : SL		COUNTY : ST. LOUIS		L0623	
GENERAL STRUCTURE INFORMATION											
STRUCTURE NUMBER : L0623 6389			STRUCTURE STATUS : P-POSTLOAD		P-POSTLOADMAINTENANCE DISTRICT : SL		MAINTENANCE DISTRICT : SL		PLACE CODE : 23950 FENTON CITY		
DISTRICT : SL			DIRECTION OF TRAFFIC : 1-WAY TRAF		OWNED BY : MODOT		MAINTAINED BY : MODOT		INSPECTORS : KEVIN RAITHEL, TOM ALLEN		
COUNTY : ST. LOUIS			STRUCTURE CLASS : STATBR		FUNCTIONAL CLASSIFICATION :		INTERSTATE		INSPECTION DATE : 7/7/2011		
FACILITY CARRIED : IS 44 W			DEFICIENT CODE : DEFICIENT		LANES ON STRUCTURE :		5		INSPECTION FREQUENCY : 24		
CURB TO CURB : 58 Ft. 0 In.			SUB AREA : 7F35		LANES UNDER STRUCTURE :		2		LATITUDE : 38 32 37.66 (DMS)		
STRUCTURE LENGTH : 1,103 FEET			YEAR BUILT : 1954		BEGINNING COMPASS DIRECTION :		WEST		LONGITUDE : 90 26 5.28 (DMS)		
FEATURE INTERSECTED : MERAMEC RVR. CST YA			RECONSTRUCTION YEAR : 1997		ENDING COMPASS DIRECTION :		EAST		SCOUR EVALUATION TYPE :		
POSTING INFORMATION									ADVANCE SIGNING		
APPROVED POSTING CATEGORY : S-C LIMITS : Ton1 : 65 WEIGHT LIMIT 65 TONS. FIELD POSTING CATEGORY : S-C3 LIMITS : Ton1 : 65 WEIGHT LIMIT 65 TONS. POSTING PROBLEM : DIRECTION : COMMENTS :									SIGN TYPE : PROBLEM : DIRECTION :		
FACILITY CARRIED INFORMATION											
(ITEM 29) AVERAGE DAILY TRAFFIC : 50381				(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 :			SPECIAL INFORMATION NBI : YES FREQUENCY : 24 PIN : NO DATE : 07/05/2011 CATEGORY : PINPLATE METHODS : SNOOPERUB INSPECTORS : KEVIN RAIT COMMENTS : GET THICKNESS MEASURE ON ALL PLATES @ PIER'S #10 & #13			INDEPTH INFORMATION NBI : NO FREQUENCY : 24 PIN : NO DATE : 07/05/2011 CATEGORY : PG-NON INTERSTATE METHODS : SNOOPERUB INSPECTORS : KEVIN RAIT, TOM ALLEN COMMENTS : NARROW LANES - CANNOT USE PM - MUST USE AA 16 HRS TO INSPECT		
PROGRAM NOTES											
PROGRAM YEAR : 1972 PROJECT NO. : L623R LETTING MONTH : 2 LETTING YEAR : 1972 COMMENTS : PROGRAM ITEMS : WIDEN BRIDGE											
PROGRAM YEAR : 1983 PROJECT NO. : L623R1 LETTING MONTH : 12 LETTING YEAR : 1983 COMMENTS : EXPANSION DEVICES PROGRAM ITEMS : OTHER											
PROGRAM YEAR : 1997 PROJECT NO. : L06233 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 WITH REPAINT AT EXP. BRGS. AND SEAL DECK OUTLETS. PROGRAM ITEMS : REPAINT OTHER											
PROGRAM YEAR : 2004 PROJECT NO. : J611853 LETTING MONTH : 12 LETTING YEAR : 2004 COMMENTS : PROGRAM ITEMS : DECK REPAIR											
PROGRAM YEAR : 2006 PROJECT NO. : J6D0600W 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 - PIN PLATES, SUB REPAIR AND SEALING, REPACK JOINTS, REPLACE 1 LIFT UBAWS IN COMBINATION WITH A2643. PROGRAM ITEMS : REPLACE EXPANSION DEVICE SUBSTRUCTURE REPAIR WEARING SURFACE											
GENERAL COMMENTS : (41'-41') SMP WF - (60'-82'-61'-61'-82'-61') CONT COMP WF - (62') SMP PL GDR - (131'-131'-131') CONT COMP PL GDR - (61') SMP PL GDR - (45'-45') SMP WF GDR SPANS RATINGS : (ITEM 58) DECK RATING : 6-SATISFACTORY CONDITION 12/09/2004 (ITEM 59) SUPERSTRUCTURE RATING : 5-FAIR CONDITION 11/24/2009 (ITEM 60) SUBSTRUCTURE RATING : 5-FAIR CONDITION 07/27/2011											
Design_No = L0623											
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	Safe & Sound = N	Missouri Department of Transportation Bridge Inspection Report				DISTRICT : SL	COUNTY : ST. LOUIS	L0623
COMMENTS : MOD DELAMS THRUOUT REPAIRS TO DECK AND OVERLAY 8/30/06			COMMENTS : DROPPED TO "5" - BULGING HANGER PLATES, CRACK AT HANGER PLATE			COMMENTS : 6-29-09 == SUB RATE "4"== MAJOR DETERIORATION OF BT #3 STEP CAP, BLOCKING INSTALLED AS PRECAUTIONARY MEASURE SUB RAISED TO '5' - REPAIRS TO STEP CAP COMPLETED 7/21/11		
SUMMARY COMPONENTS								
APPROACH SERIES	1	SIMPLE SPAN	STEEL	WIDE FLANGE GIRDERS	NUMBER OF SPANS	2		
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		
MAIN SERIES	4	SIMPLE SPAN	STEEL	PLATE GIRDERS	NUMBER OF SPANS	1		
MAIN SERIES	5	CONTINUOUS SPAN	STEEL	PLATE GIRDERS	NUMBER OF SPANS	3		
MAIN SERIES	6	SIMPLE SPAN	STEEL	PLATE GIRDERS	NUMBER OF SPANS	1		
APPROACH SERIES	7	SIMPLE SPAN	STEEL	WIDE FLANGE GIRDERS	NUMBER OF SPANS	2		
TOTAL NUMBER OF SPANS : 15								
RAILING RATINGS :								
(ITEM 36A) BRIDGE RAILING :		0 DOESNT MEET CURRNT STND	COMMENT S : MINOR COLLISION DAMAGE NSIDE PIERS 10,11 AND 13					
(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	PARAPET	DIRECTION : BOTH			
CONDITION :		COLLISION DAMAGE	ROADWAY FACE	MINOR				
COMMENTS :		SPAN 10						
COMPONENT :		BRIDGE RAILING	ALUMINUM	CIRCULAR TUBE	DIRECTION : BOTH			
CONDITION :		COLLISION DAMAGE	RANDOM	MODERATE				
COMMENTS :		N. SIDE IN SPAN 10 & 13						
(ITEM 36B) TRANSITION RAILING :								
COMPONENT :		TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM	DIRECTION : BOTH-EAST			
(ITEM 36C) APPROACH RAILING :								
COMPONENT :		APPROACH RAILING	GALVANIZED STEEL	OTHER	DIRECTION : BOTH-EAST			
COMMENTS :		TWO POSTS HIT WITH ONE TOTALLY GONE						
CONDITION :		COLLISION DAMAGE	THROUGHOUT	MODERATE				
COMMENTS :		06/13/06 - 2 POST HIT & 1 TOTAL GONE						
COMPONENT :		APPROACH RAILING	GALVANIZED STEEL	OTHER	DIRECTION : SOUTHEAST			
COMMENTS :		CONTIOUOUS						
(ITEM 36D) RAIL END TREATMENT :								
COMPONENT :		RAIL END TREATMENT	GALVANIZED STEEL	BREKAWAY SYSTEM	MANUFACTURE : ET-2000	DIRECTION : NORTHEAST		
APPROACH PAVEMENT :								
COMPONENT :		APPROACH PAVEMENT	REINFORCED CONCRETE	SLAB	DIRECTION : BOTH			
DECK / RAILING ELEMENTS								
(ITEM 58) OVERALL CONDITION RATING : 6-SATISFACTORY CONDITION								
COMMENT S : MOD DELAMS THRUOUT								
DECK COMPONENTS								
APPROACH SPANS		1						
COMPONENT :		DECK	REINFORCED CONCRETE	CAST-IN-PLACE				
COMMENTS :		NUMEROUS REPAIRS TO POLYMER SURFACE. MANY REPAIRS BY CONTRACTOR IN 2002. 707 SQ FT CONC POLYMER DONE & 66 SQ FT PARTICAL DEPTH DONE BY ST LOUIS BR CREW IN 2002. LARGE AREAS OF REPAIR BY BRIDGE CREW IN SUMMER 2003.						
CONDITION :		OTHER	OVERHANGS	NOT APPLICABLE				
COMMENTS :		SEALED						
CONDITION :		EFFLORESCENCE	OVERHANGS	MINOR				
CONDITION :		MAP CRACKS	OVERHANGS	MANY				
CONDITION :		PATCHES	OVERHANGS	FEW				
APPROACH SPANS		2						
COMPONENT :		DECK	REINFORCED CONCRETE	CAST-IN-PLACE				
CONDITION :		OTHER	OVERHANGS	NOT APPLICABLE				
COMMENTS :		SEALED						
CONDITION :		EFFLORESCENCE	OVERHANGS	MODERATE				
CONDITION :		MAP CRACKS	OVERHANGS	MANY				
CONDITION :		PATCHES	OVERHANGS	FEW				
CONDITION :		SPALLS	BOTTOM	MODERATE				
COMMENTS :		AT JOINT AT BT 3						
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Safe & Sound = N						
APPROACH SPANS 3						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			
APPROACH SPANS 4						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
COMMENTS : MODERATE RANDOM CRACKING IN OVERHANG THRU OUT						
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			
CONDITION : SATURATION		OVERHANGS	MINOR			
APPROACH SPANS 5						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			
APPROACH SPANS 6						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			
APPROACH SPANS 7						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
COMMENTS : MODERATE RANDOM CRACKING IN OVERHANG THRU OUT						
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			
APPROACH SPANS 8						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
COMMENTS : MODERATE RANDOM CRACKING IN OVERHANG THRU OUT						
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			
MAIN SPANS 9						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED (ONLY NEAR EXPANSION AT BT 9)						
CONDITION : SPALLS		EDGE	MINOR			
MAIN SPANS 10						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : MAP CRACKS		OVERHANGS	MANY			
MAIN SPANS 11						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
COMMENTS : MODERATE RANDOM CRACKING IN OVERHANG THRU OUT						
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			

		Missouri Department of Transportation Bridge Inspection Report		DISTRICT : SL	COUNTY : ST. LOUIS	L0623
MAIN SPANS 12						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
COMMENTS : MODERATE RANDOM CRACKING IN OVERHANG THRU OUT						
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
MAIN SPANS 13						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
COMMENTS : MODERATE RANDOM CRACKING IN OVERHANG THRU OUT						
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			
APPROACH SPANS 14						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : EFFLORESCENCE		OVERHANGS	MINOR			
CONDITION : MAP CRACKS		OVERHANGS	MANY			
CONDITION : PATCHES		OVERHANGS	FEW			
APPROACH SPANS 15						
COMPONENT : DECK		REINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION : OTHER		OVERHANGS	NOT APPLICABLE			
COMMENTS : SEALED						
CONDITION : DETERIORATION		AT JOINTS	MINOR			
<u>DRAINAGE COMPONENTS</u>						
DRAINAGE 0						
COMPONENT : DRAINAGE		REINFORCED CONCRETE	CURB OUTLET			
COMMENTS : SEALED BY CONTRACT (06)						
CONDITION : EFFLORESCENCE		THROUGHOUT	MINOR			
CONDITION : OTHER		THROUGHOUT	NOT APPLICABLE			
COMMENTS : SOME RE-CRACKING						
COMMENTS : REPAIRED IN PAST AND SEALED						
<u>EXPANSION DEVICES</u>						
BENT 2						
COMPONENT : CLOSED EXPANSION JOINT		ASPHALT	FILLED JOINT			
BENT 3						
COMPONENT : CLOSED EXPANSION JOINT		ASPHALT	FILLED JOINT			
BENT 6						
COMPONENT : CLOSED EXPANSION JOINT		ELASTOMERIC	COMPRESSION SEAL			
CONDITION : FAILING		THROUGHOUT	NOT APPLICABLE			
COMMENTS : MINOR						
CONDITION : TORN OUT		THROUGHOUT	NOT APPLICABLE			
COMMENTS : NOSING IS OK						
BENT 9						
COMPONENT : CLOSED EXPANSION JOINT		ELASTOMERIC	STRIP SEAL	OVERALL CONDITION : FAIR		
CONDITION : FAILING		THROUGHOUT	NOT APPLICABLE			
COMMENTS : DEBONDING.						
PIER 10						
COMPONENT : CLOSED EXPANSION JOINT		SILICON	FILLED JOINT	OVERALL CONDITION : POOR		
COMMENTS : COVERED WITH MAT - BREAKING OUT						
CONDITION : FAILING		THROUGHOUT	NOT APPLICABLE			
COMMENTS : WATER DRIPS THRU JOINT EVEN AFTER 24 HOUR PERIOD OF RAIN.						
PIER 13						
COMPONENT : CLOSED EXPANSION JOINT		SILICON	FILLED JOINT	OVERALL CONDITION : POOR		
COMMENTS : COVERED WITH MAT - BREAKING OUT						
BENT 14						
COMPONENT : CLOSED EXPANSION JOINT		SILICON	FILLED JOINT	OVERALL CONDITION : POOR		
COMMENTS : MINOR SPALLS IN NOSING						
CONDITION : FAILING		THROUGHOUT	BOTH			
COMMENTS : 6-15-11 NOSING GOOD (BEEN REPAIRED) ALL SILICON TEARING OUT						
BENT 15						
COMPONENT : CLOSED EXPANSION JOINT		FELT	FILLED JOINT	OVERALL CONDITION : POOR		
CONDITION : FAILING		CLOSED EXPANSION JOINT	BOTH			

		Safe & Sound = N		Missouri Department of Transportation Bridge Inspection Report		DISTRICT : SL		COUNTY : ST. LOUIS		L0623	
COMMENTS : MINOR DELAM UNDER BEARING											
CONDITION : HORIZONTAL CRACKS		BOTTOM	FEW								
CONDITION : PATCHES		THROUGHOUT	FEW								
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : OTHER		THROUGHOUT	NOT APPLICABLE								
COMMENTS : MINOR PATCHES											
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE							
FOOTING			REINFORCED CONCRETE	H-PILE							
FIXED BEARING			STEEL	CURVED PLATE(ROTATING)	OVERALL CONDITION:						
EXPANSION BEARING			STEEL	ROCKER	OVERALL CONDITION:						
CONDITION : RUSTING		THROUGHOUT	MEDIUM								
CLOSED EXPANSION JOINT			ASPHALT	FILLED JOINT	OVERALL CONDITION:						
BENT 3		LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN					
LENGTH : 55 FOOT 7 INCH											
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : DIAGONAL CRACKS		RANDOM	FEW								
CONDITION : PATCHES		ENDS	MODERATE								
COMMENTS : CRACKED AGAIN (ESP IN PATCHES)											
CONDITION : MAP CRACKS		THROUGHOUT	MANY								
CONDITION : OTHER		THROUGHOUT	NOT APPLICABLE								
COMMENTS : MANY RANDOM CRACKS UNDERSIDE											
CONDITION : HORIZONTAL CRACKS		THROUGHOUT	MANY								
COMMENTS : STEP-CAP											
CONDITION : OTHER		FRONT FACE	NOT APPLICABLE								
COMMENTS : MINOR LEACHING											
CONDITION : OTHER		AT BEARING	NOT APPLICABLE								
COMMENTS : FEW DELAMS											
CONDITION : VERTICAL CRACKS		THROUGHOUT	FEW								
CONDITION : DELAMINATION		STEEPCAP	SMALL								
CONDITION : SPALLS		AT BEARING	SEVERE								
COMMENTS : UNDER CORNER OF BEARING G9 - SPALLED OUT - PLACED PRECAUTION BLOCKING.06/09/2009											
COMMENTS : REPAIRED BY MODOT BRIDGE CREW 7/21/11.											
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : DIAGONAL CRACKS		THROUGHOUT	RANDOM								
CONDITION : OTHER		THROUGHOUT	NOT APPLICABLE								
COMMENTS : MANY PATCHES (HEAVILY CRACKED)											
CONDITION : DELAMINATION		THROUGHOUT	MODERATE								
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : HORIZONTAL CRACKS		THROUGHOUT	FEW								
FOOTING			REINFORCED CONCRETE	H-PILE							
EXPANSION BEARING			STEEL	ROCKER	OVERALL CONDITION:						
CONDITION : RUSTING		AT BEAM CAP	LIGHT								
CLOSED EXPANSION JOINT			ASPHALT	FILLED JOINT	OVERALL CONDITION:						
BENT 4		LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN					
LENGTH : 55 FOOT 7 INCH											
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : DELAMINATION		THROUGHOUT	MINOR								
CONDITION : REBAR EXPOSED		THROUGHOUT	MINOR								
CONDITION : HIGH STEEL SPALLS		THROUGHOUT	FEW								
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE							
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE							
FOOTING			REINFORCED CONCRETE	H-PILE							
FIXED BEARING			STEEL	PEDESTAL(ROTATING)	OVERALL CONDITION:						
BENT 5		LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN					
LENGTH : 55 FOOT 7 INCH											
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE							
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE							
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE							
FOOTING			REINFORCED CONCRETE	H-PILE							
EXPANSION BEARING			STEEL	ROCKER	OVERALL CONDITION:						
BENT 6		LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN					
LENGTH : 55 FOOT 7 INCH											
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE							

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CONDITION : DIAGONAL CRACKS		RANDOM	FEW								
CONDITION : SEALED		BEAM CAP	ASPHALTICBASE								
COMMENTS : COMPLETE CAP SEALED											
CONDITION : PATCHES		THROUGHOUT	MANY								
COMMENTS : HEAVILY CRACKED											
CONDITION : OTHER		FRONT FACE	NOT APPLICABLE								
COMMENTS : MINOR EFFL											
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : DIAGONAL CRACKS		THROUGHOUT	RANDOM								
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : DIAGONAL CRACKS		RANDOM	FEW								
CONDITION : OTHER		RANDOM	NOT APPLICABLE								
COMMENTS : MANY MAP CRACKS IN PATCHES											
FOOTING			REINFORCED CONCRETE	H-PILE							
CLOSED EXPANSION JOINT			ELASTOMERIC	COMPRESSION SEAL	OVERALL CONDITION:						
CONDITION : FAILING		THROUGHOUT	NOT APPLICABLE								
COMMENTS : MINOR											
CONDITION : TORN OUT		THROUGHOUT	NOT APPLICABLE								
COMMENTS : NOSING IS OK											
EXPANSION BEARING			STEEL	ROCKER	OVERALL CONDITION:						
CONDITION : TIPPED		THROUGHOUT	MODERATE								
COMMENTS : EAST 60 DG											
BENT 7		LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN					
LENGTH : 55 FOOT 7 INCH											
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : DELAMINATION		THROUGHOUT	MINOR								
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE							
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE							
FOOTING			REINFORCED CONCRETE	H-PILE							
EXPANSION BEARING			STEEL	ROCKER	OVERALL CONDITION:						
BENT 8		LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN					
LENGTH : 55 FOOT 7 INCH											
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : PATCHES		ENDS	FEW								
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE							
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE							
FOOTING			REINFORCED CONCRETE	H-PILE							
FIXED BEARING			STEEL	PEDESTAL(ROTATING)	OVERALL CONDITION:						
BENT 9		LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN					
LENGTH : 55 FOOT 7 INCH											
BEAM CAP			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : DIAGONAL CRACKS		RANDOM	FEW								
CONDITION : SEALED		BEAM CAP	ASPHALTICBASE								
COMMENTS : COMPLETE CAP SEALED											
COLUMN			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : DIAGONAL CRACKS		THROUGHOUT	RANDOM								
CONDITION : OTHER		THROUGHOUT	NOT APPLICABLE								
COMMENTS : MANY PATCHES THRUOUT - PATCHES ALL HEAVILY CRACKED											
TIE BEAM			REINFORCED CONCRETE	CAST-IN-PLACE							
CONDITION : PATCHES		THROUGHOUT	MODERATE								
COMMENTS : RE-CRACKED											
CONDITION : OTHER		THROUGHOUT	NOT APPLICABLE								
COMMENTS : MAP CRACKS											
CONDITION : OTHER		BOTTOM	NOT APPLICABLE								
COMMENTS : MANY MAP CRACKS BOTTOM (PATCHES CRACKED)											
FOOTING			REINFORCED CONCRETE	H-PILE							
CLOSED EXPANSION JOINT			ELASTOMERIC	STRIP SEAL	OVERALL CONDITION:	FAIR					
CONDITION : FAILING		THROUGHOUT	NOT APPLICABLE								
COMMENTS : DEBONDING.											
EXPANSION BEARING			STEEL	ROCKER	OVERALL CONDITION:						
EXPANSION BEARING			STEEL	OTHER	OVERALL CONDITION:						
COMMENTS : ROCKER - ON STEPPED CAP											
PIER 10		LABEL :			REINFORCED CONCRETE	MULTIPLE COLUMN					

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LENGTH : 55 FOOT 3 INCH							
BEAM CAP		REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION :	DIAGONAL CRACKS	RANDOM	FEW				
CONDITION :	PATCHES	RANDOM	FEW				
CONDITION :	HORIZONTAL CRACKS	ENDS	MANY				
CONDITION :	MAP CRACKS	ENDS	MANY				
COLUMN		REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION :	DIAGONAL CRACKS	THROUGHOUT	RANDOM				
CONDITION :	HORIZONTAL CRACKS	RANDOM	FEW				
COMMENTS :		MANY REPAIRS THRU ; HEAVILY CRACKED AGAIN AND DELAMINATING					
FOOTING		REINFORCED CONCRETE		H-PILE			
WEB BEAM		REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION :	DIAGONAL CRACKS	RANDOM	FEW				
CONDITION :	VERTICAL CRACKS	RANDOM	LARGE				
CONDITION :	DELAMINATION	THROUGHOUT	MODERATE				
EXPANSION BEARING		STEEL		ROCKER		OVERALL CONDITION:	
CLOSED EXPANSION JOINT		SILICON		FILLED JOINT		OVERALL CONDITION: POOR	
COMMENTS :		COVERED WITH MAT - BREAKING OUT					
CONDITION :	FAILING	THROUGHOUT	NOT APPLICABLE				
COMMENTS :		WATER DRIPS THRU JOINT EVEN AFTER 24 HOUR PERIOD OF RAIN.					
FIXED BEARING		STEEL		HANGER PLATE/PIN		OVERALL CONDITION:	
CONDITION :	PACK RUST	THROUGHOUT	LIGHT				
PIER	11	LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 55 FOOT 3 INCH							
BEAM CAP		REINFORCED CONCRETE		CAST-IN-PLACE			
COLUMN		REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION :	OTHER	THROUGHOUT	NOT APPLICABLE				
COMMENTS :		MOD PATCHES THRU OUT					
FOOTING		REINFORCED CONCRETE		SPREAD			
WEB BEAM		REINFORCED CONCRETE		CAST-IN-PLACE			
EXPANSION BEARING		STEEL		ROCKER		OVERALL CONDITION:	
PIER	12	LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 55 FOOT 3 INCH							
BEAM CAP		REINFORCED CONCRETE		CAST-IN-PLACE			
COLUMN		REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION :	DIAGONAL CRACKS	THROUGHOUT	RANDOM				
CONDITION :	OTHER	THROUGHOUT	NOT APPLICABLE				
COMMENTS :		MODERATE PATCHES					
FOOTING		REINFORCED CONCRETE		SPREAD			
WEB BEAM		REINFORCED CONCRETE		CAST-IN-PLACE			
FIXED BEARING		STEEL		PEDESTAL(ROTATING)		OVERALL CONDITION:	
PIER	13	LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN
LENGTH : 55 FOOT 3 INCH							
BEAM CAP		REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION :	DIAGONAL CRACKS	RANDOM	FEW				
COLUMN		REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION :	DIAGONAL CRACKS	THROUGHOUT	RANDOM				
CONDITION :	OTHER	THROUGHOUT	NOT APPLICABLE				
COMMENTS :		MANY PATCHES (RE-CRACKING AND DELAMINATING AGAIN)					
CONDITION :	SCALING	BOTTOM	MINOR				
CONDITION :	VERTICAL CRACKS	THROUGHOUT	FEW				
FOOTING		REINFORCED CONCRETE		SPREAD			
WEB BEAM		REINFORCED CONCRETE		CAST-IN-PLACE			
CONDITION :	VERTICAL CRACKS	THROUGHOUT	FEW				
EXPANSION BEARING		STEEL		ROCKER		OVERALL CONDITION:	
CONDITION :	PACK RUST	AT BEARING	MODERATE				
CLOSED EXPANSION JOINT		SILICON		FILLED JOINT		OVERALL CONDITION: POOR	
COMMENTS :		COVERED WITH MAT - BREAKING OUT					
FIXED BEARING		STEEL		HANGER PLATE/PIN		OVERALL CONDITION:	
CONDITION :	PACK RUST	THROUGHOUT	LIGHT				
BENT	14	LABEL :				REINFORCED CONCRETE	MULTIPLE COLUMN
COMMENTS :							
LENGTH : 55 FOOT 7 INCH							



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BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	DIAGONAL CRACKS	RANDOM	FEW	
CONDITION :	SEALED	BEAM CAP	ASPHALTICBASE	
COMMENTS : COMPLETE CAP SEALED				
CONDITION :	OTHER	ENDS	NOT APPLICABLE	
COMMENTS : MAP CRACKS (BOTTOM)				
CONDITION :	EFFLORESCENCE	ENDS	MINOR	
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	DIAGONAL CRACKS	THROUGHOUT	RANDOM	
CONDITION :	OTHER	THROUGHOUT	NOT APPLICABLE	
COMMENTS : MAP CRACKING (PATCHES RE- CRACKING)				
TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	SPREAD	
CLOSED EXPANSION JOINT		SILICON	FILLED JOINT	OVERALL CONDITION:
COMMENTS : MINOR SPALLS IN NOSING				
CONDITION :	FAILING	THROUGHOUT	BOTH	
COMMENTS : 6-15-11 NOSING GOOD (BEEN REPAIRED) ALL SILICON TEARING OUT				
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:
CONDITION :	TIPPED	ROCKER	EXCESSIVE	
COMMENTS : 3 NORTH ROCKERS TIPPED TO MAX, #3 BOUNCES WITH HEAVY LOADS.				
BENT	15	LABEL :		REINFORCED CONCRETE MULTIPLE COLUMN
LENGTH : 55 FOOT 7 INCH				
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	DETERIORATION	ENDS	HEAVY	
CONDITION :	PATCHES	THROUGHOUT	MANY	
COMMENTS : REPAIRS - NUMEROUS UNFORMED REPAIRS - RE-CRACKING. (MAP CRACKS)- MOISTURE GETTTING UNDER PATCHES				
CONDITION :	MAP CRACKS	THROUGHOUT	MANY	
CONDITION :	OTHER	ENDS	NOT APPLICABLE	
COMMENTS : MODERATE UNDERMINING (NORTH END)				
CONDITION :	OTHER	FRONT FACE	NOT APPLICABLE	
COMMENTS : MINOR EFFL				
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	OTHER	THROUGHOUT	NOT APPLICABLE	
COMMENTS : MANY PATCHES (OR REPAIRS) - NUMEROUS UNFORMED REPAIRS - RE-CRACKING (MAP CRACKS) - MOISTURE GETTING UNDER PATCHES				
TIE BEAM		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	SPREAD	
FIXED BEARING		STEEL	CURVED PLATE(ROTATING)	OVERALL CONDITION:
EXPANSION BEARING		STEEL	ROCKER	OVERALL CONDITION:
CLOSED EXPANSION JOINT		FELT	FILLED JOINT	OVERALL CONDITION: POOR
CONDITION :	FAILING	CLOSED EXPANSION JOINT	BOTH	
COMMENTS : COVERED WITH MAT == BREAKING OUT				
CONDITION :	DETERIORATION	CLOSED EXPANSION JOINT	ADVANCED	
COMMENTS : POUNDING				
ABUTMENT	16	LABEL :		REINFORCED CONCRETE OPEN CONCRETE
LENGTH : 65 FOOT 1 INCH				
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	HORIZONTAL CRACKS	THROUGHOUT	FEW	
CONDITION :	SEALED	BEAM CAP	ASPHALTICBASE	
CONDITION :	OTHER	FRONT FACE	NOT APPLICABLE	
COMMENTS : MINOR EFFL				
COLUMN		REINFORCED CONCRETE	CAST-IN-PLACE	
TURNED BACK WINGS		REINFORCED CONCRETE	CAST-IN-PLACE	
CURTAIN WALL		REINFORCED CONCRETE	CAST-IN-PLACE	
FOOTING		REINFORCED CONCRETE	SPREAD	
BACKWALL		REINFORCED CONCRETE	CAST-IN-PLACE	
CONDITION :	OTHER	THROUGHOUT	NOT APPLICABLE	
COMMENTS : SEALED ASPH BASE (FRONT FACE)				
CONDITION :	VERTICAL CRACKS	THROUGHOUT	FEW	
CONDITION :	LEACHING	THROUGHOUT	MINOR	
FIXED BEARING		STEEL	CURVED PLATE(ROTATING)	OVERALL CONDITION:

MISCELLANEOUS ITEMS


0 DOESNT MEET CURRNT STND

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DISTRICT : SL COUNTY : ST. LOUIS L0623

COMMENTS : MINOR COLLISION DAMAGE NSIDE PIER 10,11 AND 13

COMMENTS : MOD DELAMS THRUOUT

COMMENTS : REPAIRS TO DECK AND OVERLAY 8/30/06

COMMENTS : DROPPED TO "5" - BULGING HANGER PLATES, CRACK AT HANGER PLATE

COMMENTS : 6-29-09 == SUB RATE "4"== MAJOR DETERIORATION OF BT #3 STEP CAP, BLOCKING INSTALLED AS PRECAUTIONARY MEASURE

SUB RAISED TO '5' - REPAIRS TO STEP CAP COMPLETED 7/21/11

CHANNEL PROTECTIO

(ITEM 61) CHANNEL CONDITION RATING : 7-MINOR DAMAGE

SCOUR CONDITION

(ITEM 113) OVERALL SCOUR CONDITION RATING : 8-STABLE FOR CALCULATED

WATERWAY ADEQUAC

(ITEM 71) WATERWAY ADEQUACY RATING : DECK ABOVE FLOOD ELEV

APPROACH ROADWAY

(ITEM 72) APPROACH ROADWAY ALIGNMENT RATING : 8-VERYGOOD

BANK PROTECTION

EARTH FILL BERM BOTH

UTILITY ATTACHMENTS

ELECTRIC HANGER DIAMETER 4 INCH

COMMENTS : FIBEROPTIC

STRUCTURE PAINT DETAILS

OVERALL PAINT CONDITION : GOOD RUST AMOUNT 6=1.0% OF SURFACE RUSTED STEEL TONS : 1,012

ORIGINAL PAINT

CONTRACT REPAINT

DEPARTMENT REPAINT

PAINT TYPE : A SYSTEM PAINT TYPE : S SYSTEM PAINT TYPE : MANUFACTURE : OTHER

NAME : RED LEAD NAME : CAL SULPH/LEAD PAINT NAME : SURFACE PREPARATION :

PAINT COLOR : ALUMINUM PAINT COLOR : GRAY PAINT COLOR :

PAINT YEAR : 1975 PAINT YEAR : 2006 PAINT YEAR : 0

MILS : 7 MILS : 12 MILS : 0

COMMENTS : EXT GIRDERS RUSTY THRUOUT. RUSTY UNDER EXP AREAS PAINT TYPE : THOMAS IND SYSTEM G AT JOINTS

CREW : LAYER : DATE :

WORK

RESPONSIBILITY LOCATION WORK ITEM PRIORITY DATE REQUESTED

DISTRICT ROUTINE STREAM CHANNEL REMOVE DRIFT 2 06/13/2006

COMMENTS REMOVE DRIFT AT PIER 12

STREAM CHANNEL CUT BRUSH & TREES 2 06/16/2007

COMMENTS SPRAY VINES. BOTH ABUT ENDS @ PIER 10 ALSO.

PROGRAM RECOMMENDATIONS

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