Safe & Sound = N

GENERAL COMMENTS: (41'-41') SMP WF - (60'-82'-61-61'-82'-61') CONT COMP WF - (62') SMP PL GDR - (131'-131') CONT COMP PL GDR - (61') SMP PL GDR - (45'-45') SMP WF GDR SPANS

12/09/2004

Missouri Department of Transportation
Bridge Inspection Report

DISTRICT: SL

COUNTY: ST. LOUIS

L0623

07/27/2011

GENERAL STRUCTURE INFORMATION STRUCTURE NUMBER: STRUCTURE STATUS: P-POSTLOAD P-POSTLOADMAINTENANCE DISTRICT : SL MAINTENANCE DISTRICT: SL PLACE CODE: 23950 FENTON CITY L0623 6389 INSPECTORS: KEVIN RAITHEL, TOM ALLEN DISTRICT: SLDIRECTION OF TRAFFIC 1-WAY TRAF OWNED BY: MODOT MAINTAINED BY: MODOT COUNTY: ST. LOUIS STRUCTURE CLASS STATBR FUNCTIONAL CLASSIFICATION: INTERSTATE INSPECTION DATE: 7/7/2011 FACILITY CARRIED IS 44 W DEFICIENT DEFICIENT CODE : LANES ON STRUCTURE INSPECTION FREQUENCY: 24 CURB TO CURB 58 Ft. 0 In. SUB AREA: 7F35 LANES UNDER STRUCTURE LATITUDE: 38 32 37.66 (DMS) STRUCTURE LENGTH: 1,103 FEET YEAR BUILT: 1954 90 26 5.28 (DMS) BEGINNING COMPASS DIRECTION: WEST LONGITUDE 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. SIGN TYPE FIELD POSTING CATEGORY: S-C3 LIMITS: Ton1:65 WEIGHT LIMIT 65 TONS. PROBLEM: POSTING PROBLEM: DIRECTION: DIRECTION COMMENTS FACILITY CARRIED INFORMATION (ITEM 29) AVERAGE DAILY TRAFFIC: 50381 (ITEM 30) YEAR OF AVERAGE DAILY TRAFFIC: 2012 PERMITTED VERTICAL CLEARANCE (ITEM 53) VERTICAL CLEARANCE OVER DECK DATE OTHER INSPECTION INFORMATION UNDERWATER INFORMATION SPECIAL INFORMATION INDEPTH INFORMATION NBI NBI: FREOUENCY: FREQUENCY: 24 NBI : NO FREQUENCY: 60 NBI : YES 24 FREQUENCY: PIN: DATE: 07/05/2011 PIN: NO DATE: PIN: NO PIN: NO DATE: 07/21/2010 DATE: 07/05/2011 CATEGORY: CATEGORY: PG-NON INTERSTATE CATEGORY: PINPLATE CATEGORY: WADE METHODS: METHODS: SNOOPERUB METHODS: SNOOPERUB METHODS: PROBE INSPECTORS INSPECTORS: KEVIN RAIT, TOM ALLEN INSPECTORS INSPECTORS: ADAM ZENTZ, CURT STEGE, JESSE ELSE, MAC F KEVIN RAIT COMMENTS COMMENTS NARROW LANES - CANNOT USE PM - MUST USE AA COMMENTS: COMMENTS GET THICKNESS MEASURE ON ALL PLATES 16 HRS TO INSPECT @ PIER'S #10 & #13 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 LETTING MONTH: 3 PROGRAM YEAR: 2006 PROJECT NO.: J6I1919 LETTING YEAR: 2006 COMMENTS: OVERCOAT WITH REPAINT AT EXP. BRGS. AND SEAL DECK OUTLETS. PROGRAM ITEMS: REPAINT OTHER PROGRAM YEAR: 2004 PROJECT NO.: J6I1853 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.: J6I1891 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

Design_No = L0623

WEARING SURFACE

RATINGS: (ITEM 58) DECK RATING: 6-SATISFACTORY CONDITION

Page 1 January 9, 2013 8:34:01am

11/24/2009

(ITEM 60) SUBSTRUCTURE RATING: 5-FAIR CONDITION

(ITEM 59) SUPERSTRUCTURE RATING: 5-FAIR CONDITION



Missouri Department of Transportation Bridge Inspection Report

DISTRICT: SL

COUNTY: ST. LOUIS

L0623

COMMENTS: DROPPED TO "5" - BULGING HANGER PLATES, CRACK AT **COMMENTS**: 6-29-09 == SUB RATE "4"== MAJOR DETERIORATION OF BT **COMMENTS:** MOD DELAMS THRUOUT HANGER PLATE #3 STEP CAP, BLOCKING INSTALLED AS REPAIRS TO DECK AND OVERLAY 8/30/06 PRECAUTIONARY MEASURE SUB RAISED TO '5' - REPAIRS TO STEP CAP COMPLETED 7/21/11 SUMMARY COMPONENTS APPROACH SERIES SIMPLE SPAN STEEL WIDE FLANGE GIRDERS NUMBER OF SPANS 2. STEEL APPROACH SERIES CONTINUOUS SPAN WIDE FLANGE GIRDERS NUMBER OF SPANS APPROACH SERIES CONTINUOUS SPAN STEEL WIDE FLANGE GIRDERS NUMBER OF SPANS MAIN SERIES SIMPLE SPAN PLATE GIRDERS NUMBER OF SPANS STEEL CONTINUOUS SPAN PLATE GIRDERS NUMBER OF SPANS MAIN SERIES STEEL MAIN SERIES SIMPLE SPAN STEEL PLATE GIRDERS NUMBER OF SPANS APPROACH SERIES WIDE FLANGE GIRDERS NUMBER OF SPANS 7 SIMPLE SPAN STEEL 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 DIRECTION: BOTH REINFORCED CONCRETE **PARAPET** 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 THROUGHOUT CONDITION: COLLISION DAMAGE 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 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 MINOR **OVERHANGS** CONDITION: MAP CRACKS **OVERHANGS** MANY CONDITION: PATCHES **OVERHANGS** FEW APPROACH SPANS COMPONENT: DECK REINFORCED CONCRETE CAST-IN-PLACE CONDITION: OTHER **OVERHANGS** NOT APPLICABLE COMMENTS: SEALED CONDITION: EFFLORESCENCE **OVERHANGS MODERATE** CONDITION: MAP CRACKS **OVERHANGS** MANY

FEW

MODERATE

Design_No = L0623

CONDITION: PATCHES

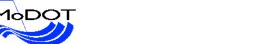
COMMENTS: AT JOINT AT BT 3

CONDITION: SPALLS

OVERHANGS

BOTTOM

Page 2 January 9, 2013 8:34:01am



Missouri Department of Transportation Bridge Inspection Report

MODOT Safe & Sound = N DISTRICT: SL COUNTY: ST. LOUIS L0623 APPROACH SPANS 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 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 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 COMPONENT: DECK REINFORCED CONCRETE CAST-IN-PLACE CONDITION: OTHER **OVERHANGS** NOT APPLICABLE COMMENTS: SEALED MINOR CONDITION: EFFLORESCENCE **OVERHANGS** CONDITION: MAP CRACKS **OVERHANGS** MANY CONDITION: PATCHES **OVERHANGS** FEW APPROACH SPANS 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 FEW CONDITION: PATCHES **OVERHANGS** APPROACH SPANS 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

REINFORCED CONCRETE

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 NOT APPLICABLE CONDITION: OTHER OVERHANGS

COMMENTS: SEALED

CONDITION: MAP CRACKS **OVERHANGS** MANY

MAIN SPANS 11

COMPONENT: DECK

REINFORCED CONCRETE COMPONENT: DECK 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

 $Design_No = L0623$

CAST-IN-PLACE



DISTRICT: SL COUNTY: ST. LOUIS L0623 MAIN SPANS REINFORCED CONCRETE COMPONENT: DECK CAST-IN-PLACE COMMENTS: MODERATE RANDOM CRACKING IN OVERHANG THRU OUT CONDITION: OTHER **OVERHANGS** NOT APPLICABLE COMMENTS: SEALED MAIN SPANS 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 **OVERHANGS** CONDITION: MAP CRACKS MANY CONDITION: PATCHES **OVERHANGS** FEW APPROACH SPANS REINFORCED CONCRETE COMPONENT: DECK 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 COMPONENT: DECK REINFORCED CONCRETE CAST-IN-PLACE CONDITION: OTHER **OVERHANGS** NOT APPLICABLE COMMENTS: SEALED CONDITION: DETERIORATION MINOR AT JOINTS DRAINAGE COMPONENTS DRAINAGE 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 EXPANSION DEVICES COMPONENT: CLOSED EXPANSION JOINT **ASPHALT** FILLED JOINT BENT COMPONENT: CLOSED EXPANSION JOINT ASPHALT FILLED JOINT BENT 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** ELASTOMERIC COMPONENT: CLOSED EXPANSION JOINT STRIP SEAL OVERALL CONDITION: FAIR THROUGHOUT CONDITION: FAILING NOT APPLICABLE COMMENTS: DEBONDING 10 COMPONENT: CLOSED EXPANSION JOINT FILLED JOINT SILICON 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 COMPONENT: CLOSED EXPANSION JOINT FILLED JOINT SILICON OVERALL CONDITION: POOR COMMENTS: MINOR SPALLS IN NOSING CONDITION: FAILING THROUGHOUT BOTH COMMENTS: 6-15-11 NOSING GOOD (BEEN REPAIRED) ALL SILICON TEARING OUT

Design_No = L0623

15

COMPONENT: CLOSED EXPANSION JOINT

CONDITION: FAILING

BENT

Page 4 January 9, 2013 8:34:01am

OVERALL CONDITION: POOR

FILLED JOINT

BOTH

CLOSED EXPANSION JOINT



DISTRICT: SL COUNTY: ST. LOUIS L0623

COMMENTS: COVERED WITH MAT == BREAKING OU	T				
CONDITION: DETERIORATION	CLOSED EXPANSION JOINT	ADVANCED			
COMMENTS: POUNDING	CLOSED EXI ANSION JOINT	ADVANCED			
PROTECTIVE COMPONENTS					
APPROACH SERIES 1					
COMPONENT: DECK PROTECTION	NOTAPPLICABLE	NONE			
COMPONENT: MEMBRANE	NOTAPPLICABLE	NONE			
COMPONENT: WEARING SURFACE	ASPHALT	ULTRATHIN BONDED WS	OVERALL CONDITION: FAIR	THICKNESS: 1.5 INCH	VEAD ADDITED : 2006
APPROACH SERIES 2	ASITIALI	OLIKATIIN BONDED WS	OVERALE CONDITION : PAIR	THICKNESS: 1.5 INCH	TEAR ALTEIED : 2000
COMPONENT: MEMBRANE	NOTAPPLICABLE	NONE			
COMPONENT: WEARING SURFACE	ASPHALT	ULTRATHIN BONDED WS	OVERALL CONDITION: FAIR	THICKNESS: 1.5 INCH	VEAR APPLIED : 2006
APPROACH SERIES 3	7.01 11/12/1	OETRATIII BONDED WS	OVERVIED CONDITION : TAIK	THERIALDS: 1.5 HACH	TEMENTELED . 2000
COMPONENT: MEMBRANE	NOTAPPLICABLE	NONE			
COMPONENT: WEARING SURFACE	ASPHALT	ULTRATHIN BONDED WS	OVERALL CONDITION: FAIR	THICKNESS: 1.5 INCH	VEAR APPLIED : 2006
MAIN SERIES 4	TOTTI ILI	OBTRITION BONDED WO	OVERHELD CONDITION. TAIK	THEREALDS : 1.5 HACH	TEMETH TELES . 2000
COMPONENT: DECK PROTECTION	NOTAPPLICABLE	NONE			
COMPONENT: MEMBRANE	NOTAPPLICABLE	NONE			
COMPONENT: WEARING SURFACE	ASPHALT	ULTRATHIN BONDED WS	OVERALL CONDITION: FAIR	THICKNESS: 1.5 INCH	YEAR APPLIED: 2006
MAIN SERIES 5			· ·		
COMPONENT : DECK PROTECTION	NOTAPPLICABLE	NONE			
COMPONENT: MEMBRANE	NOTAPPLICABLE	NONE			
COMPONENT: WEARING SURFACE	ASPHALT	ULTRATHIN BONDED WS	OVERALL CONDITION: FAIR	THICKNESS: 1.5 INCH	YEAR APPLIED : 2006
MAIN SERIES 6					
COMPONENT: DECK PROTECTION	NOTAPPLICABLE	NONE			
COMPONENT: MEMBRANE	NOTAPPLICABLE	NONE			
COMPONENT: WEARING SURFACE	ASPHALT	ULTRATHIN BONDED WS	OVERALL CONDITION: FAIR	THICKNESS: 1.5 INCH	YEAR APPLIED : 2006
APPROACH SERIES 7					
COMPONENT: MEMBRANE	NOTAPPLICABLE	NONE			
COMPONENT: WEARING SURFACE	ASPHALT	ULTRATHIN BONDED WS	OVERALL CONDITION: FAIR	THICKNESS: 1.5 INCH	YEAR APPLIED : 2006
RAILING COMPONENTS					
BRIDGE RAILING 0					
COMPONENT: BRIDGE RAILING	REINFORCED CONCRETE	PARAPET			
CONDITION: COLLISION DAMAGE	ROADWAY FACE	MINOR			
COMMENTS: SPAN 10					
COMPONENT: BRIDGE RAILING	ALUMINUM	CIRCULAR TUBE			
CONDITION: COLLISION DAMAGE	RANDOM	MODERATE			
COMMENTS: N. SIDE IN SPAN 10 & 13					
COMPONENT: TRANSITION RAILING	GALVANIZED STEEL	THRIE BEAM TO W-BEAM			
COMPONENT: APPROACH RAILING	GALVANIZED STEEL	OTHER			
COMMENTS: TWO POSTS HIT WITH ONE TOTALLY GONE					
CONDITION: COLLISION DAMAGE	THROUGHOUT	MODERATE			
COMMENTS: 06/13/06 - 2 POST HIT & 1 TOTAL GONE					
COMPONENT: RAIL END TREATMENT	GALVANIZED STEEL	BREKAWAY SYSTEM			
COMPONENT: APPROACH RAILING	GALVANIZED STEEL	OTHER			
COMMENTS: CONTIOUOUS					

		SUPERSTRUCTURE ELEMENTS
EM 50) OVERALL CONDITION DATING	5-FAIR CONDITION	

										_		
(ITEM 59) OVERALL CONDITION RATING: 5-FAIR CONDITION COMMENT S: DROPPED TO "5" - BULGING HANGER PLATES, CRACK AT HANGER PLATE												
APPROACH SERIES	1	SIMPLE SPAN			STEEL		WIDE FLAN	IGE GIRDERS			NUMBER OF SPANS 2	
APPROACH ROADWAY V	WIDTH :	52 FOOT 0 INCH	CURB TO CURB:	58 FOOT 0 INC	CH	OUT TO OUT :	60 FOOT 8.4 INCH	LEFT CURE	3 WIDTH :	0 FOOT 0 INCH	RIGHT CURB WIDTH: 0 FOOT	0 INCH
APPROACH SPANS 1	SIMPL	E SPAN	NON-COMPOSITE	STEEL			WIDE FLANGE GIRDI	ERS	LENGTH:	42 FOOT 2 INCH		WEATHERING IND:
APPROACH SPANS 2	SIMPL	E SPAN	NON-COMPOSITE	STEEL			WIDE FLANGE GIRDI	ERS	LENGTH:	41 FOOT 3 INCH		WEATHERING IND:
COMMENTS: INT SE	C LOSS O	ON DIAPHRAGMS @ BEN	NT 3									
APPROACH SERIES	2	CONTINUOUS SPAN			STEEL		WIDE FLAN	IGE GIRDERS			NUMBER OF SPANS 3	
APPROACH SPANS 3	CONTI	INUOUS SPAN	NON-COMPOSITE	STEEL			WIDE FLANGE GIRDI	ERS	LENGTH:	60 FOOT 10 INCH		WEATHERING IND:
COMMENTS: INT SE	C LOSS O	ON DIAPHRAGMS @ BEN	NT 3									
APPROACH SPANS 4	CONTI	INUOUS SPAN	NON-COMPOSITE	STEEL			WIDE FLANGE GIRDI	ERS	LENGTH:	82 FOOT 6 INCH		WEATHERING IND:
APPROACH SPANS 5	CONTI	INUOUS SPAN	NON-COMPOSITE	STEEL			WIDE FLANGE GIRDI	ERS	LENGTH:	61 FOOT 3 INCH		WEATHERING IND:
APPROACH SERIES	3	CONTINUOUS SPAN			STEEL		WIDE FLAN	IGE GIRDERS			NUMBER OF SPANS 3	
APPROACH SPANS 6	CONTI	INUOUS SPAN	NON-COMPOSITE	STEEL			WIDE FLANGE GIRDI	ERS	LENGTH:	61 FOOT 2 INCH		WEATHERING IND:
APPROACH SPANS 7	CONTI	INUOUS SPAN	NON-COMPOSITE	STEEL			WIDE FLANGE GIRDI	ERS	LENGTH:	82 FOOT 6 INCH		WEATHERING IND:
APPROACH SPANS 8	CONTI	INUOUS SPAN	NON-COMPOSITE	STEEL			WIDE FLANGE GIRDI	ERS	LENGTH:	61 FOOT 5 INCH		WEATHERING IND:

Design_No = L0623

Page 5 January 9, 2013 8:34:01am



Missouri Department of Transportation Safe & Sound = N **Bridge Inspection Report**

DISTRICT: SL COUNTY: ST. LOUIS L0623

WEATHERING IND:

SIMPLE SPAN STEEL PLATE GIRDERS NUMBER OF SPANS 1 MAIN SERIES MAIN SPANS 9 SIMPLE SPAN NON-COMPOSITE STEEL PLATE GIRDERS LENGTH: 62 FOOT 0 INCH

COMMENTS: CONDITION RUSTING LIGHT **ENDS**

COMMENTS: AT PIN CONNECTION

MAIN SERIES CONTINUOUS SPAN STEEL PLATE GIRDERS NUMBER OF SPANS 3 5

MAIN SPANS 10 CONTINUOUS SPAN NON-COMPOSITE STEEL PLATE GIRDERS LENGTH: 131 FOOT 6 INCH WEATHERING IND

COMMENTS:

CONDITION RUSTING

CONDITION OTHER NOT APPLICABLE GDR4

COMMENTS: DIAPH #2 WEST OF PIER 11 W/SHEARED BOLT ON BOTTOM CONNECTION ANGLE

COMMENTS: ONLY 1 CRACK FOUND IN SPAN 10. GIRDER 4 NORTHSIDE DIAPH CRACKING OUT OF BOTTOM BOLTED ONNECTION, DIAPH 2 EAST OF PIER 10. ALL REPAIRS LOOK GOOD. CHANGE TO 24 MONTH CYCLE 06/19/2007

COMMENTS: SPAN 10 GIRDER 4 DIAPH'S 1,3,4 WEST OF BT 11 HAVE CRACKS IN BTM BOLTED CONN. FATIGUE CRACKS - REPAIRED GDR 4 1ST, 3RD & 4TH DIAPH'S W.

ENDS

MAIN SPANS 11 CONTINUOUS SPAN NON-COMPOSITE STEEL PLATE GIRDERS LENGTH: 131 FOOT 6 INCH WEATHERING IND:

CONDITION OTHER NOT APPLICABLE GDR4 COMMENTS: SPAN 11 GDR 4 2ND DIAPH W OF BT 12 CRACK IN BOTTOM BOLTED CONN. DIAPH 3 WEST OF BT 12 NORTH DIAPH CONN. ANGLE HAS 18 1/4 " CRACK IN IT. SOUTH SIDE OK; FATIGUE CRACKS 10/26/04 - REPAIRED DIAPH'S

CONDITION RUSTING LIGHT

CONDITION DIAGONAL CRACKS FINE GDR5 9 INCH

LIGHT

COMMENTS: DIAPHRAM 5 NORTH SIDE BOTTOM OF DIAPH WEB STIFFENER.

WEATHERING IND MAIN SPANS 12 CONTINUOUS SPAN NON-COMPOSITE PLATE GIRDERS LENGTH: 131 FOOT 6 INCH

NOT APPLICABLE CONDITION OTHER GDR4

COMMENTS: SPAN 12 GDR 4 DIAPH'S 2 AND 3 WEST OF BT 13 HAVE CRACKS IN BOTTOM BOLTED CONN, FATIGUE CRACKS 10/26/04 - REPAIRED GDR 4 2ND & 3RD DIAPH'S W

CONDITION RUSTING LIGHT **ENDS**

CONDITION SAGGING MODERATE THROUGHOUT

COMMENTS: DEADLOAD DEFLECTION

MAIN SERIES SIMPLE SPAN STEEL PLATE GIRDERS NUMBER OF SPANS 1

MAIN SPANS 13 SIMPLE SPAN NON-COMPOSITE STEEL PLATE GIRDERS LENGTH: 61 FOOT 10 INCH WEATHERING IND

COMMENTS: BEAM#1 THRU 7 MODERATE RUST @ BOTTOM FLANGE @ PIN CONNECTONS

CONDITION RUSTING MODERATE **ENDS**

COMMENTS: EXTERIOR GIRDERS HAVE MODERATE BULGING OF IN WEB PLATE

APPROACH SERIES SIMPLE SPAN STEEL WIDE FLANGE GIRDERS NUMBER OF SPANS 2 7 WEATHERING IND

APPROACH SPANS 14 SIMPLE SPAN NON-COMPOSITE STEEL WIDE FLANGE GIRDERS LENGTH: 45 FOOT 8 INCH

COMMENTS

APPROACH SPANS 15 SIMPLE SPAN NON-COMPOSITE STEEL WIDE FLANGE GIRDERS LENGTH: 45 FOOT 9 INCH WEATHERING IND

COMMENTS:

CONDITION OTHER NOT APPLICABLE THROUGHOUT

COMMENTS: GIRDERS BOUNCE AT ABUTMENT UNDER HEAVY LOAD AND POUND ON LEFT LANE

COMMENTS: MINOR RUST ENDS - AT BEARING ABUT

TOTAL NUMBER OF SPAN 15

SUBSTRUCTURE ELEMENTS

(ITEM 60) OVERALL CONDITION RATING: 5-FAIR CONDITION COMMENT S: 6-29-09 = SUB RATE "4" = MAJOR DETERIORATION OF BT #3 STEP CAP, BLOCKING INSTALLED AS PRECAUTIONARY MEASURE

<u>ABUTMENT</u> REINFORCED CONCRETE LABEL

LENGTH: 65 FOOT 1 INCH REINFORCED CONCRETE CAST-IN-PLACE

BEAM CAP

CONDITION: HORIZONTAL CRACKS THROUGHOUT FEW

BEAM CAP ASPHALTICBASE CONDITION: SEALED

COLUMN REINFORCED CONCRETE CAST-IN-PLACE TURNED BACK WINGS CAST-IN-PLACE

REINFORCED CONCRETE STEEL. H-SHAPE WING PILES

FOOTING REINFORCED CONCRETE H-PILE

BACKWALL REINFORCED CONCRETE CAST-IN-PLACE THROUGHOUT

CONDITION: EFFLORESCENCE MINOR

MINOR CONDITION: RUST STAINS THROUGHOUT

COMMENTS: OUTSIDE BEARINGS HAVE HEAVIER RUSTING. FIXED BEARING STEEL CURVED PLATE(ROTATING) OVERALL CONDITION:

REINFORCED CONCRETE

BENT LABEL:

LENGTH: 55 FOOT 7 INCH

BEAM CAP REINFORCED CONCRETE

CAST-IN-PLACE CONDITION: DIAGONAL CRACKS RANDOM FEW

CONDITION: OTHER AT BEARING NOT APPLICABLE

 $Design_No = L0623$

OPEN CONCRETE

MULTIPLE COLUMN



DISTRICT : SL COUNTY : ST. LOUIS L0623

COMMENTS: MINOR DELAM UNDER BEARING CONDITION: HORIZONTAL CRACKS FEW BOTTOM CONDITION: PATCHES THROUGHOUT FEW COLUMN REINFORCED CONCRETE CAST-IN-PLACE CONDITION: OTHER THROUGHOUT NOT APPLICABLE COMMENTS: MINOR PATCHES REINFORCED CONCRETE TIE BEAM CAST-IN-PLACE REINFORCED CONCRETE FOOTING H-PILE FIXED BEARING STEEL CURVED PLATE(ROTATING) OVERALL CONDITION: STEEL EXPANSION BEARING ROCKER OVERALL CONDITION: CONDITION: RUSTING THROUGHOUT MEDIUM CLOSED EXPANSION JOINT ASPHALT FILLED JOINT OVERALL CONDITION: BENT 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 THROUGHOUT NOT APPLICABLE CONDITION: OTHER COMMENTS: MANY RANDOM CRACKS UNDERSIDE MANY CONDITION: HORIZONTAL CRACKS THROUGHOUT 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 STEPCAP **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 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** 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** LABEL: REINFORCED CONCRETE MULTIPLE COLUMN LENGTH: 55 FOOT 7 INCH BEAM CAP REINFORCED CONCRETE CAST-IN-PLACE

Design_No = L0623



DISTRICT : SL COUNTY : ST. LOUIS L0623

CONDITION: DIAGONAL CRACKS RAND CONDITION: SEALED BEAM		FEW				
CONDITION: SEALED DEAM						
T CONDITION SEALED BEAM	M CAP	ASPHALTICBASE				
COMMENTS: COMPLETE CAP SEALED						
	NICHOUT	MANIX				
	DUGHOUT	MANY				
COMMENTS: HEAVILY CRACKED						
CONDITION: OTHER FRON	NT FACE	NOT APPLICABLE				
COMMENTS: MINOR EFFL						
	ומ	ENICODOED CONODETE	CACT IN DI ACE			
COLUMN		EINFORCED CONCRETE	CAST-IN-PLACE			
	DUGHOUT	RANDOM				
TIE BEAM	RI	EINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION: DIAGONAL CRACKS RAND	DOM	FEW				
CONDITION: OTHER RAND		NOT APPLICABLE				
	BOW	NOT MITEICABLE				
COMMENTS: MANY MAP CRACKS IN PATCHES						
FOOTING		EINFORCED CONCRETE	H-PILE			
CLOSED EXPANSION JOINT	EI	LASTOMERIC	COMPRESSION SEAL	OVERALL CONDITION:		
CONDITION: FAILING THRO	OUGHOUT	NOT APPLICABLE				
COMMENTS: MINOR						
	NICHOUT.	NOT A DRIVE DI F				
	DUGHOUT	NOT APPLICABLE				
COMMENTS: NOSING IS OK						
EXPANSION BEARING	Si	ΓEEL	ROCKER	OVERALL CONDITION:		
CONDITION: TIPPED THRO	DUGHOUT	MODERATE				
	oc Giroc i	MODERTIE				
COMMENTS: EAST 60 DG				DED HOD GED GOVERN	A GUI TURN TO COLLUN OL	
<u>BENT</u> 7 LABEL:	:			REINFORCED CONCRETE	MULTIPLE COLUMN	
LENGTH: 55 FOOT 7 INCH						
BEAM CAP	RI	EINFORCED CONCRETE	CAST-IN-PLACE			
	DUGHOUT	MINOR	end ny renez			
			GAGT DADA AGE			
COLUMN		EINFORCED CONCRETE	CAST-IN-PLACE			
TIE BEAM	RI	EINFORCED CONCRETE	CAST-IN-PLACE			
FOOTING	RI	EINFORCED CONCRETE	H-PILE			
EXPANSION BEARING		ΓEEL	ROCKER	OVERALL CONDITION:		
		ILLL	KOCKEK		MILLEDIE COLLINOI	
BENT 8 LABEL:	:			REINFORCED CONCRETE	MULTIPLE COLUMN	
LENGTH: 55 FOOT 7 INCH						
BEAM CAP	RI	EINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION: PATCHES ENDS	S	FEW				
COLUMN		EINFORCED CONCRETE	CAST-IN-PLACE			
TIE BEAM	RI	EINFORCED CONCRETE	CAST-IN-PLACE			
FOOTING	RI	EINFORCED CONCRETE	H-PILE			
FIXED BEARING	ST	ΓEEL	PEDESTAL(ROTATING)	OVERALL CONDITION:		
BENT 9 LABEL:			,	REINFORCED CONCRETE	MULTIPLE COLUMN	
	•			REIN ORCED CONCRETE	WOLTH EL COLOMIV	
LENGTH: 55 FOOT 7 INCH						
BEAM CAP	RI	EINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION: DIAGONAL CRACKS RAND	DOM	FEW				
CONDITION: SEALED BEAM		ASPHALTICBASE				
COMMENTS: COMPLETE CAP SEALED	·					
		EDIEOD GED GOVERNER	CACT BURLACE			
COLUMN		EINFORCED CONCRETE	CAST-IN-PLACE			
CONDITION: DIAGONAL CRACKS THRO	DUGHOUT	RANDOM				
CONDITION: OTHER THRO	DUGHOUT	NOT APPLICABLE				
COMMENTS: MANY PATCHES THRUOUT - PATCHES						
TIE BEAM		EINFORCED CONCRETE	CAST-IN-PLACE			
			CAUT-IN-I LACE			
	DUGHOUT	MODERATE				
COMMENTS: RE-CRACKED						
CONDITION: OTHER THRO	DUGHOUT	NOT APPLICABLE				
COMMENTS: MAP CRACKS						
CONDITION: OTHER BOTTO	TOM	NOT APPLICABLE				
		NOT ALL LICABLE				
COMMENTS: MANY MAP CRACKS BOTTOM (PATCH		ED HOD GED COLLEY	W BW E			
FOOTING		EINFORCED CONCRETE	H-PILE			
CLOSED EXPANSION JOINT	EI	LASTOMERIC	STRIP SEAL	OVERALL CONDITION: FAIR		
CONDITION: FAILING THRO	DUGHOUT	NOT APPLICABLE				
COMMENTS: DEBONDING.		- · 				
EXPANSION BEARING	gg	ΓEEL	ROCKER	OVERALL CONDITION:		
EXPANSION BEARING	Si	ΓEEL	OTHER	OVERALL CONDITION:		
COMMENTS: ROCKER - ON STEPPED CAP						
PIER 10 LABEL:	:			REINFORCED CONCRETE	MULTIPLE COLUMN	

Design_No = L0623



DISTRICT : SL COUNTY : ST. LOUIS L0623

						DISTRICT: SL	COUNTY: ST. LOUIS	L0623
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; H								
FOOTING		REINFORCED CONCRETE	H-PILE					
WEB BEAM		REINFORCED CONCRETE	CAST-IN-PLACE					
CONDITION: DIAGONAL CRACKS	RANDOM	FEW	0.101 1.(12.102					
CONDITION: VERTICAL CRACKS	RANDOM	LARGE						
CONDITION: DELAMINATION	THROUGHOUT	MODERATE						
EXPANSION BEARING	1111100011001	STEEL	ROCKER	OVERALL CONDITION:				
CLOSED EXPANSION JOINT		SILICON	FILLED JOINT	OVERALL CONDITION: POOR				
COMMENTS: COVERED WITH MAT - BREA	KING OUT	SILICON	TILLED JOHVI	OVERALE CONDITION. TOOK				
CONDITION: FAILING	THROUGHOUT	NOT APPLICABLE						
COMMENTS: WATER DRIPS THRU JOIN								
FIXED BEARING	I EVEN AFTER 24 HOOK FER	STEEL	HANGER PLATE/PIN	OVERALL CONDITION:				
CONDITION: PACK RUST	THROUGHOUT	LIGHT	HANGER I LATE/I IN	OVERALL CONDITION.				
1	LABEL :	LIGITI		REINFORCED CONCRETE	MULTIPLE COLUMN			
1 	LABEL .			REINFORCED CONCRETE	MOLTIFLE COLUMN			
LENGTH: 55 FOOT 3 INCH		DEDUCAD CONCRETE	CACT DI DI ACE					
BEAM CAP		REINFORCED CONCRETE	CAST-IN-PLACE					
COLUMN	THEOLIGINALIT	REINFORCED CONCRETE	CAST-IN-PLACE					
CONDITION: OTHER	THROUGHOUT	NOT APPLICABLE						
COMMENTS: MOD PATCHES THRU OUT	l	REDUCAD CED CONCRETE	CDDE 4 D					
FOOTING		REINFORCED CONCRETE	SPREAD					
WEB BEAM		REINFORCED CONCRETE	CAST-IN-PLACE	OVER ALL COMPLETION				
EXPANSION BEARING	LADEL	STEEL	ROCKER	OVERALL CONDITION:	MILLERY E COLUMN			
<u>PIER</u> 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:				
<u>PIER</u> 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-CRA	ACKING AND DELAMINATING	G 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 - BREA	KING OUT							
FIXED BEARING		STEEL	HANGER PLATE/PIN	OVERALL CONDITION:				
CONDITION: PACK RUST	THROUGHOUT	LIGHT						
<u>BENT</u> 14	LABEL:			REINFORCED CONCRETE	MULTIPLE COLUMN			
COMMENTS:								
LENGTH: 55 FOOT 7 INCH								
Design No = L0623								

Design_No = L0623

Page 9 January 9, 2013 8:34:01am



DISTRICT: SL COUNTY: ST. LOUIS L0623 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 REINFORCED CONCRETE **COLUMN** CAST-IN-PLACE CONDITION: DIAGONAL CRACKS THROUGHOUT RANDOM THROUGHOUT NOT APPLICABLE CONDITION: OTHER COMMENTS: MAP CRACKING (PATCHES RE-CRACKING) REINFORCED CONCRETE TIE BEAM CAST-IN-PLACE FOOTING REINFORCED CONCRETE SPREAD FILLED JOINT CLOSED EXPANSION JOINT SILICON 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 ROCKER OVERALL CONDITION: CONDITION: TIPPED ROCKER EXCESSIVE COMMENTS: 3 NORTH ROCKERS TIPPED TO MAX, #3 BOUNCES WITH HEAVY LOADS. 15 LABEL: REINFORCED CONCRETE MULTIPLE COLUMN **BENT** 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 REINFORCED CONCRETE TIE BEAM CAST-IN-PLACE FOOTING REINFORCED CONCRETE SPREAD STEEL CURVED PLATE(ROTATING) OVERALL CONDITION: FIXED BEARING STEEL OVERALL CONDITION: EXPANSION BEARING ROCKER FELT FILLED JOINT OVERALL CONDITION: POOR CLOSED EXPANSION JOINT CLOSED EXPANSION JOINT CONDITION: FAILING BOTH COMMENTS: COVERED WITH MAT == BREAKING OUT CONDITION: DETERIORATION CLOSED EXPANSION JOINT ADVANCED COMMENTS: POUNDING ABUTMENT LABEL: REINFORCED CONCRETE OPEN CONCRETE LENGTH: 65 FOOT 1 INCH REINFORCED CONCRETE BEAM CAP CAST-IN-PLACE CONDITION: HORIZONTAL CRACKS THROUGHOUT FEW ASPHALTICBASE CONDITION: SEALED BEAM CAP 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

 $Design_No = L0623$

Page 10 January 9, 2013 8:34:01am



DISTRICT: SL COUNTY: ST. LOUIS L0623

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SURFACE PREPARATION:

COMMENTS: MINOR COLLISION DAMAGE NSIDE PIERS 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 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

ORIGINAL PAINT CONTRACT REPAINT DEPARTMENT REPAINT

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

NAME: RED LEAD NAME: CAL SULPH/LEAD PAINT NAME:
PAINT COLOR: ALUMINUM PAINT COLOR: GRAY PAINT COLOR:

PAINT YEAR: 1975 PAINT YEAR: 2006 PAINT YEAR: MILS: 12 MILS:

MILS: 7 MILS: 12

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

CREW: LAYER: DATE:

 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

WORK

Design_No = L0623

Page 11 January 9, 2013 8:34:01am



Missouri Department of Transportation Bridge Inspection Report

DISTRICT: SL

COUNTY: ST. LOUIS

L0623

Design_No = L0623