Missouri Department of Transportation
Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet

July 9, 2013
9:47:06am

COUNTY :	JACKSON	BRIDGE NO.	A0990 2	REVIEW STATUS :	APPROVED
NBI STATUS :	P	RECORD TYPE :	ROUTE CARRIED 'ON' STRUCT	RUN DATE :	2/4/2013
SUBMITTAL YEAR :	2012				

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	KC
3	County	JACKSON
8	Federal ID No.	742
27	Year Built	1962
106	Year Reconstructed	0
42A	Type of Service On	OVERPASS
21	Structure Maintenance	STATE HIGHWAY AGENCY
22	Structure Owner	STATE HIGHWAY AGENCY
33	Br. Median Code	NO MEDIAN
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP
101	Parallel Struc Desg	NONE EXISTS
103	Temporary Structure	NOT TEMPORARY
112	NBIS Bridge Length	YES

ROUTE DESIGNATION INFORMATION

5A	Record Type	ROUTE CARRIED 'ON' STRUCT
5B	Route Signing Prefix	MO
5C	Designated Level of Service	RAMP, WYE, CONNECTOR, ETC
5D	Route Number	00000
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RP IS435N TO IS70W
12	Base Hwy. Network	YES
13A	LRS Inventory Route No.	0000005923
13B	Subroute No.	00
20	Toll Status	ON FREE ROAD
26	Functional Classification	11-UR PRNCPL ARTERIAL-IS
28A	Lanes on Structure	02
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	YES

STRUCTURE LOCATION INFORMATION

4	Place	INDEPENDENCE CITY
	Code	35000
9	Location	S 19 T 49 N R 32 W
11	Milepoint	0.12 miles
16	Latitude	39 D 3 M 33 S
17	Longitude	94 D 29 M 26 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	9278
30	AADT Year	2012
102	Direction of Traffic	1-WAY TRAFFIC
109	AADT Truck Percent	18%
114	Future AADT	12525
115	Future AADT Year	2033

UNDERRECORD INFORMATION

6	Features Intersected	IS 70
42B	Type of Service Under	HIGHWAY
28B	Lanes Under Structure	07
54A	Vert. Clearance Ref.	HIGHWAY
54B	Vert. Clearance	15 Ft. 6 In.
55A	Rt. Lat Clear Ref.	HIGHWAY
55B	Rt. Lat Clearance	11 Ft. 1 In.
56	Left Lat Clearance	5 Ft. 10 In.
38	Navigation Control	N/A
39	Nav Vertical Clear	0 Ft. 0 In.
40	Nav Horizontal Clear	0 Ft. 0 In.
111	Nav. Pier Protection	
116	Nav. Cl. Vert. Clear	

STRUCTURE GEOMETRIC INFORMATION

10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
19	By pass Detour Length	3.10 miles
32	Approach Roadway Width	29 Ft. 10 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	26 Ft. 10 In.
48	Maximum Span Length	88 Ft. 10 In.
49	Structure Length	313 Ft. 0 In.
50A	Left Curb/Sidewalk Width	0 Ft. 0 In.
50B	Right Curb/Sidewalk Width	0 Ft. 0 In.
51	Curb to Curb Br. Width	26 Ft. 10 In.
52	Deck Width (Out-Out)	31 Ft. 9 In.
53	Vert.Clearance Over Deck	99 Ft. 99 In.

Design_No = A0990 and Nbi_Status_with_Bridge = Permanent and Record_Type = ON and Inventory_Appraisal_Submittal_Year = 2012

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.

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LOAD RATING AND POSTING INFORMATION

31	Design Load	HS 20
41	Structure Status	A - OPEN NO RESTRICTIONS
63	Oper. Rating Meth.	LOAD FACTOR
64	Operating Rating	86 Tons.
65	Inventory Rating Meth	LOAD FACTOR
66	Inventory Rating	52 Tons.
70	Bridge Posting Code	=>LEGAL LOADS

PROPOSED IMPROVEMENT INFORMATION

	Sufficiency Rating	78.2 Percent
	Deficiency Rating	FUNCTIONAL
	Funding Eligibility	PARTIAL
75A	Proposed Work	REHAB-GENERAL DETERIORAT
75B	Work Done By	Contract
76	New Struc Length	344 Ft. 4 In.
94	Struc Improve Cost	$ 856,000
95	Roadway Improve Cost	$ 85,000
96	Total Project Cost	$ 1,284,000
97	Year of Cost Estimates	2013

APPRAISAL RATING INFORMATION

36A	Br. Rail App. Rating	MEETS ACCEPTBLE STND
36B	Transition Rail App. Rating	MEETS ACCEPTBLE STND
36C	Approach Rail App. Rating	MEETS ACCEPTBLE STND
36D	Rail End Treat. App. Rating	MEETS ACCEPTBLE STND
67	Struc Eval App. Rating	6
68	Deck Geometry App. Rating	3
69	Underclearance App. Rating	7
71	Waterway Adeq. App. Rating	N
72	Approach Road App. Rating	8
113	Scour Assess App. Rating	N

MATERIAL/CONSTRUCTION INFORMATION

43A	Main Struc. Mat type	CONCRETE CONTINUOUS
43B	Main struc Constr. Type	BOX BEAM OR GIRDERS- SING
45	# of Main Spans	4
44A	Appr Struc. Mat type	
44B	Appr Struc. Cnstr. type	
46	# of Approach Span	0
107	Deck Mat/Constr.	1 CONCRETE CIP
108A	Wear Surf Mat/Constr.	4 LOW SLUMP
108B	Membrane Mat/Constr.	1 BUILT UP
108C	Deck Protect Mat/Constr.	7 INTERNALLY SEALED

CONDITION RATING INFORMATION

58	Deck Cond. Rating	8
59	Superstructure Cond. Rating	8
60	Substructure Cond. Rating	6
61	Channel /Channel Protection Cond. Rating	N
62	Culvert Cond. Rating	N

INSPECTION INFORMATION

90	Gen. Insp Date	9 / 11	
91	Gen. Insp. Frequency	24	Months
92A	Frac. Critical Insp. Dat	N	Months
93A	Frac. Critical Insp. Date		
92B	Underwater Inspection	N	Months
93B	Underwater Insp. Date		
92C	Special Inspection	N	Months
93C	Special Inspection Date		

BORDER BRIDGE INFORMATION

98	Neighboring State Code
98B	Neighboring State % Respon
99	Neighboring State Struc. No.

APPROVED POSTING INFORMATION

Approved Posting Categor S-1

	Ton1	Ton2	Ton3
Tonnage Values for Posting Sign			

General Text for Posting Sign

NO POSTING REQUIRED

FIELD POSTING INFORMATION

Field Posting Category S-1

	Ton1	Ton2	Ton3
Tonnage Values for Posting Sign			

General Text for Posting Sign

NO POSTING REQUIRED

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