



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

January 10, 2019
8:53:42am

COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 4/1/2003 SUBMITTAL YEAR : 2002

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	CD	5B	Route Signing Prefix	MO
3	County	OSAGE	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	7937	5D	Route Number	0000N
27	Year Built	1958	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT N S
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	NO
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	07-RURAL MAJOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	01
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	CRAWFORD	29	AADT	100
	Code	17128	30	AADT Year	2001
9	Location	S 15 T 43N R 7W	102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
11	Milepoint	17.56 miles	109	AADT Truck Percent	10%
16	Latitude	38 D 28 M 30 S	114	Future AADT	145
17	Longitude	91 D 41 M 30 S	115	Future AADT Year	2023
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CONTRARY CR	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	21.08 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	20 Ft. 0 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	0.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	20 Ft. 0 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	61 Ft. 11 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	128 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidewalk Width	0 Ft. 0 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	0 Ft. 0 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	20 Ft. 0 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	22 Ft. 3 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 4/1/2003 SUBMITTAL YEAR : 2002

LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION		
31	Design Load	H 10	43A	Main Struc. Mat type	STEEL
41	Structure Status	P - POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3
64	Operating Rating	22 Tons.	44A	Appr Struc. Mat type	
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type	
66	Inventory Rating	11 Tons.	46	# of Approach Span	0
70	Bridge Posting Code	20.0-29.9% BELOW	107	Deck Mat/Constr.	1 CONCRETE CIP
PROPOSED IMPROVEMENT INFORMATION			108A	Wear Surf Mat/Constr.	6 BITUMINOUS
Sufficiency Rating 47.1 Percent			108B	Membrane Mat/Constr.	0 NONE
Deficiency Rating STRUCTURAL			108C	Deck Protect Mat/Constr.	OTHER
Funding Eligibility FULL			CONDITION RATING INFORMATION		
75A	Proposed Work	REPLACEMENT SUBSTND LOAD	58	Deck Cond. Rating	6
75B	Work Done By	Contract	59	Superstructure Cond. Rating	7
76	New Struc Length	160 Ft. 8 In.	60	Substructure Cond. Rating	5
94	Struc Improve Cost	\$ 279,000	61	Channel /Channel Protection Cond. Rating	5
95	Roadway Improve Cost	\$ 27,000	62	Culvert Cond. Rating	N
96	Total Project Cost	\$ 418,000	INSPECTION INFORMATION		
97	Year of Cost Estimates	2003	90	Gen. Insp Date	11 / 02
APPRAISAL RATING INFORMATION			91	Gen. Insp. Frequency	24 Months
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	92A	Frac. Critical Inspection	N Months
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	93A	Frac. Critical Insp. Date	
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	92B	Underwater Inspection	N Months
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND	93B	Underwater Insp. Date	
67	Struc Eval App. Rating	2	92C	Special Inspection	N Months
68	Deck Geometry App. Rating	5	93C	Special Inspection Date	
69	Underclearance App. Rating	N	BORDER BRIDGE INFORMATION		
71	Waterway Adeq. App. Rating	8	98	Neighboring State Code	
72	Approach Road App. Rating	6	98B	Neighboring State % Respon	
113	Scour Assess App. Rating	8	99	Neighboring State Struc. No.	
APPROVED POSTING INFORMATION			FIELD POSTING INFORMATION		
Approved Posting Category S-5			Field Posting Category S-5		
Ton1 Ton2 Ton3			Ton1 Ton2 Ton3		
Tonnage Values for Posting Sign 17			Tonnage Values for Posting Sign 17		
General Text for Posting Sign			General Text for Posting Sign		
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.			CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.		

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RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 3/21/2002 SUBMITTAL YEAR : 2001

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43N R 7W
11	Milepoint	17.56 miles
16	Latitude	38 D 28 M 30 S
17	Longitude	91 D 41 M 30 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	108
30	AADT Year	2000
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	156
115	Future AADT Year	2022

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

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31	Design Load	H 10	43A	Main Struc. Mat type	STEEL
41	Structure Status	P - POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3
64	Operating Rating	22 Tons.	44A	Appr Struc. Mat type	
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type	
66	Inventory Rating	11 Tons.	46	# of Approach Span	0
70	Bridge Posting Code	20.0-29.9% BELOW	107	Deck Mat/Constr.	1 CONCRETE CIP
PROPOSED IMPROVEMENT INFORMATION			108A	Wear Surf Mat/Constr.	6 BITUMINOUS
	Sufficiency Rating	56.2 Percent	108B	Membrane Mat/Constr.	0 NONE
	Deficiency Rating	STRUCTURAL	108C	Deck Protect Mat/Constr.	0 NONE
	Funding Eligibility	PARTIAL	CONDITION RATING INFORMATION		
75A	Proposed Work	REHABILATION	58	Deck Cond. Rating	6
75B	Work Done By	Contract	59	Superstructure Cond. Rating	7
76	New Struc Length	160 Ft. 9 In.	60	Substructure Cond. Rating	6
94	Struc Improve Cost	\$ 189,000	61	Channel /Channel Protection Cond. Rating	5
95	Roadway Improve Cost	\$ 18,000	62	Culvert Cond. Rating	N
96	Total Project Cost	\$ 284,000	INSPECTION INFORMATION		
97	Year of Cost Estimates	2002	90	Gen. Insp Date	10 / 01
APPRAISAL RATING INFORMATION			91	Gen. Insp. Frequency	12 Months
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	92A	Frac. Critical Inspection	N Months
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	93A	Frac. Critical Insp. Date	
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	92B	Underwater Inspection	N Months
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND	93B	Underwater Insp. Date	
67	Struc Eval App. Rating	2	92C	Special Inspection	N Months
68	Deck Geometry App. Rating	4	93C	Special Inspection Date	
69	Underclearance App. Rating	N	BORDER BRIDGE INFORMATION		
71	Waterway Adeq. App. Rating	8	98	Neighboring State Code	
72	Approach Road App. Rating	6	98B	Neighboring State % Respon	
113	Scour Assess App. Rating	8	99	Neighboring State Struc. No.	
APPROVED POSTING INFORMATION			FIELD POSTING INFORMATION		
Approved Posting Category S-5			Field Posting Category S-5		
		Ton1 Ton2 Ton3			Ton1 Ton2 Ton3
Tonnage Values for Posting Sign 17			Tonnage Values for Posting Sign 17		
General Text for Posting Sign			General Text for Posting Sign		
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.			CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.		

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RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 12/16/2003 SUBMITTAL YEAR : 2003

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43N R 7W
11	Milepoint	17.56 miles
16	Latitude	38 D 28 M 30 S
17	Longitude	91 D 41 M 30 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	98
30	AADT Year	2002
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	142
115	Future AADT Year	2023

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

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LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	47.1	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	6		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	7		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 279,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 27,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 418,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2003		90	Gen. Insp Date	11 / 03		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	5		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

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106	Year Reconstructed	0
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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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
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STRUCTURE LOCATION INFORMATION

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16	Latitude	38 D 28 M 30 S
17	Longitude	91 D 41 M 30 S

STRUCTURE TRAFFIC INFORMATION

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30	AADT Year	2003
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	142
115	Future AADT Year	2025

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
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41	Structure Status	P - POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD	
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3	
64	Operating Rating	22 Tons.	44A	Appr Struc. Mat type		
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type		
66	Inventory Rating	11 Tons.	46	# of Approach Span	0	
70	Bridge Posting Code	20.0-29.9% BELOW	107	Deck Mat/Constr.	1 CONCRETE CIP	
			108A	Wear Surf Mat/Constr.	6 BITUMINOUS	
			108B	Membrane Mat/Constr.	0 NONE	
			108C	Deck Protect Mat/Constr.	OTHER	
PROPOSED IMPROVEMENT INFORMATION			CONDITION RATING INFORMATION			
	Sufficiency Rating	47.1 Percent	58	Deck Cond. Rating	6	
	Deficiency Rating	STRUCTURAL	59	Superstructure Cond. Rating	7	
	Funding Eligibility	FULL	60	Substructure Cond. Rating	5	
75A	Proposed Work	REPLACEMENT SUBSTND LOAD	61	Channel /Channel Protection Cond. Rating	5	
75B	Work Done By	Contract	62	Culvert Cond. Rating	N	
76	New Struc Length	160 Ft. 8 In.				
94	Struc Improve Cost	\$ 279,000	INSPECTION INFORMATION			
95	Roadway Improve Cost	\$ 27,000	90	Gen. Insp Date	11 / 03	
96	Total Project Cost	\$ 418,000	91	Gen. Insp. Frequency	24 Months	
97	Year of Cost Estimates	2005	92A	Frac. Critical Inspection	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		
APPRAISAL RATING INFORMATION			BORDER BRIDGE INFORMATION			
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	98	Neighboring State Code		
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	98B	Neighboring State % Respon		
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	99	Neighboring State Struc. No.		
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND				
67	Struc Eval App. Rating	2	APPROVED POSTING INFORMATION			
68	Deck Geometry App. Rating	5	FIELD POSTING INFORMATION			
69	Underclearance App. Rating	N	Approved Posting Category	S-5	Field Posting Category	S-5
71	Waterway Adeq. App. Rating	8		Ton1 Ton2 Ton3		Ton1 Ton2 Ton3
72	Approach Road App. Rating	6	Tonnage Values for Posting Sign	17	Tonnage Values for Posting Sign	17
113	Scour Assess App. Rating	8	General Text for Posting Sign		General Text for Posting Sign	
			CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.		CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.	

Design_No = P0866



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

January 10, 2019
8:53:42am

COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 3/8/2006 SUBMITTAL YEAR : 2005

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	CD	5B	Route Signing Prefix	MO
3	County	OSAGE	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	7937	5D	Route Number	0000N
27	Year Built	1958	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT N S
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	NO
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	07-RURAL MAJOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	01
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	CRAWFORD	29	AADT	88
	Code	17128	30	AADT Year	2004
9	Location	S 15 T 43 N R 7 W	102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
11	Milepoint	17.56 miles	109	AADT Truck Percent	10%
16	Latitude	38 D 28 M 30 S	114	Future AADT	127
17	Longitude	91 D 41 M 30 S	115	Future AADT Year	2026
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CONTRARY CR	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	21.08 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	20 Ft. 0 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	0.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	20 Ft. 0 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	61 Ft. 11 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	128 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidewalk Width	0 Ft. 0 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	0 Ft. 0 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	20 Ft. 0 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	22 Ft. 3 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 3/8/2006 SUBMITTAL YEAR : 2005

LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION			
31	Design Load	H 10	43A	Main Struc. Mat type	STEEL	
41	Structure Status	P - POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD	
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3	
64	Operating Rating	22 Tons.	44A	Appr Struc. Mat type		
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type		
66	Inventory Rating	11 Tons.	46	# of Approach Span	0	
70	Bridge Posting Code	20.0-29.9% BELOW	107	Deck Mat/Constr.	1 CONCRETE CIP	
			108A	Wear Surf Mat/Constr.	6 BITUMINOUS	
			108B	Membrane Mat/Constr.	0 NONE	
			108C	Deck Protect Mat/Constr.	OTHER	
PROPOSED IMPROVEMENT INFORMATION			CONDITION RATING INFORMATION			
	Sufficiency Rating	47.2 Percent	58	Deck Cond. Rating	6	
	Deficiency Rating	STRUCTURAL	59	Superstructure Cond. Rating	7	
	Funding Eligibility	FULL	60	Substructure Cond. Rating	5	
75A	Proposed Work	REPLACEMENT SUBSTND LOAD	61	Channel /Channel Protection Cond. Rating	5	
75B	Work Done By	Contract	62	Culvert Cond. Rating	N	
76	New Struc Length	160 Ft. 8 In.				
94	Struc Improve Cost	\$ 279,000	INSPECTION INFORMATION			
95	Roadway Improve Cost	\$ 27,000	90	Gen. Insp Date	12 / 05	
96	Total Project Cost	\$ 418,000	91	Gen. Insp. Frequency	24 Months	
97	Year of Cost Estimates	2006	92A	Frac. Critical Inspection	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		
APPRAISAL RATING INFORMATION			BORDER BRIDGE INFORMATION			
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	98	Neighboring State Code		
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	98B	Neighboring State % Respon		
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	99	Neighboring State Struc. No.		
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND				
67	Struc Eval App. Rating	2	APPROVED POSTING INFORMATION			
68	Deck Geometry App. Rating	5	FIELD POSTING INFORMATION			
69	Underclearance App. Rating	N	Approved Posting Category	S-5	Field Posting Category	S-5
71	Waterway Adeq. App. Rating	8		Ton1 Ton2 Ton3		Ton1 Ton2 Ton3
72	Approach Road App. Rating	6	Tonnage Values for Posting Sign	17	Tonnage Values for Posting Sign	17
113	Scour Assess App. Rating	8	General Text for Posting Sign		General Text for Posting Sign	
			CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.		CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.	

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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/17/2008 SUBMITTAL YEAR : 2007

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	CD	5B	Route Signing Prefix	MO
3	County	OSAGE	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	7937	5D	Route Number	0000N
27	Year Built	1958	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT N S
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	NO
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	07-RURAL MAJOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	01
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	CRAWFORD	29	AADT	88
	Code	17128	30	AADT Year	2006
9	Location	S 15 T 43 N R 7 W	102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
11	Milepoint	17.52 miles	109	AADT Truck Percent	10%
16	Latitude	38 D 28 M 30 S	114	Future AADT	127
17	Longitude	91 D 41 M 30 S	115	Future AADT Year	2028
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CONTRARY CR	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	21.08 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	20 Ft. 0 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	0.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	20 Ft. 0 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	61 Ft. 11 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	128 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidewalk Width	0 Ft. 0 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	0 Ft. 0 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	20 Ft. 0 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	22 Ft. 3 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/17/2008 SUBMITTAL YEAR : 2007

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	49.2	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	7		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 279,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 27,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 418,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2008		90	Gen. Insp Date	11 / 07		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	5		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

Design_No = P0866



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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/22/2009 SUBMITTAL YEAR : 2008

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.52 miles
16	Latitude	38 D 28 M 30 S
17	Longitude	91 D 41 M 30 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	106
30	AADT Year	2007
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	153
115	Future AADT Year	2029

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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Bridge Inventory and Inspection System
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/22/2009 SUBMITTAL YEAR : 2008

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	48.1	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	7		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 279,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 27,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 418,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2009		90	Gen. Insp Date	11 / 07		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

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Missouri Department of Transportation
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January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 12/22/2009 SUBMITTAL YEAR : 2009

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.52 miles
16	Latitude	38 D 28 M 30 S
17	Longitude	91 D 41 M 30 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	104
30	AADT Year	2008
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	150
115	Future AADT Year	2029

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

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Missouri Department of Transportation
Bridge Inventory and Inspection System
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 12/22/2009 SUBMITTAL YEAR : 2009

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	48.1	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	6		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 502,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 50,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 753,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2009		90	Gen. Insp Date	12 / 09		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

Design_No = P0866



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

January 10, 2019
8:53:42am

COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 12/15/2010 SUBMITTAL YEAR : 2010

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.52 miles
16	Latitude	38 D 28 M 30 S
17	Longitude	91 D 41 M 30 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	100
30	AADT Year	2009
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	145
115	Future AADT Year	2030

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 12/15/2010 SUBMITTAL YEAR : 2010

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	49.1	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	6		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 502,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 50,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 753,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2010		90	Gen. Insp Date	12 / 09		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	5		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 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	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.51 miles
16	Latitude	38 D 28 M 26 S
17	Longitude	91 D 41 M 29 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	186
30	AADT Year	2012
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	11%
114	Future AADT	269
115	Future AADT Year	2033

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/4/2013 SUBMITTAL YEAR : 2012

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	47.5	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	6		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 502,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 50,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 753,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2013		90	Gen. Insp Date	12 / 12		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

Design_No = P0866



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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/22/2012 SUBMITTAL YEAR : 2011

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.52 miles
16	Latitude	38 D 28 M 26 S
17	Longitude	91 D 41 M 29 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	190
30	AADT Year	2011
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	275
115	Future AADT Year	2032

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/22/2012 SUBMITTAL YEAR : 2011

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	47.5	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	6		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 502,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 50,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 753,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2012		90	Gen. Insp Date	12 / 11		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/10/2015 SUBMITTAL YEAR : 2014

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.51 miles
16	Latitude	38 D 28 M 26 S
17	Longitude	91 D 41 M 29 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	190
30	AADT Year	2014
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	11%
114	Future AADT	275
115	Future AADT Year	2035

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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

January 10, 2019
8:53:42am

COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/10/2015 SUBMITTAL YEAR : 2014

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	47.5	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	6		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 502,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 50,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 753,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2015		90	Gen. Insp Date	12 / 14		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 3/14/2016 SUBMITTAL YEAR : 2015

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.51 miles
16	Latitude	38 D 28 M 26 S
17	Longitude	91 D 41 M 29 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	192
30	AADT Year	2015
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	278
115	Future AADT Year	2036

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 3/14/2016 SUBMITTAL YEAR : 2015

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	47.5	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	6		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 502,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 50,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 753,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2016		90	Gen. Insp Date	12 / 14		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/7/2017 SUBMITTAL YEAR : 2016

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.51 miles
16	Latitude	38 D 28 M 26 S
17	Longitude	91 D 41 M 29 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	196
30	AADT Year	2016
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	284
115	Future AADT Year	2037

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/7/2017 SUBMITTAL YEAR : 2016

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	34.7	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	4		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	6		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	4		
94	Struc Improve Cost	\$ 502,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 50,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 753,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2017		90	Gen. Insp Date	12 / 16		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

Design_No = P0866



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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/11/2018 SUBMITTAL YEAR : 2017

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	CD	5B	Route Signing Prefix	MO
3	County	OSAGE	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	7937	5D	Route Number	0000N
27	Year Built	1958	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT N S
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	NO
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	07-RURAL MAJOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	01
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	CRAWFORD	29	AADT	196
	Code	17128	30	AADT Year	2016
9	Location	S 15 T 43 N R 7 W	102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
11	Milepoint	17.51 miles	109	AADT Truck Percent	10%
16	Latitude	38 D 28 M 26 S	114	Future AADT	284
17	Longitude	91 D 41 M 29 S	115	Future AADT Year	2036
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CONTRARY CR	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	21.08 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	20 Ft. 0 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	0.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	20 Ft. 0 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	61 Ft. 11 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	128 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidewalk Width	0 Ft. 0 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	0 Ft. 0 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	20 Ft. 0 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	22 Ft. 3 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 1/11/2018 SUBMITTAL YEAR : 2017

LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION			
31	Design Load	H 10	43A	Main Struc. Mat type	STEEL	
41	Structure Status	P - POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD	
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3	
64	Operating Rating	22 Tons.	44A	Appr Struc. Mat type		
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type		
66	Inventory Rating	11 Tons.	46	# of Approach Span	0	
70	Bridge Posting Code	20.0-29.9% BELOW	107	Deck Mat/Constr.	1 CONCRETE CIP	
			108A	Wear Surf Mat/Constr.	6 BITUMINOUS	
			108B	Membrane Mat/Constr.	0 NONE	
			108C	Deck Protect Mat/Constr.	OTHER	
PROPOSED IMPROVEMENT INFORMATION			CONDITION RATING INFORMATION			
	Sufficiency Rating	34.7 Percent	58	Deck Cond. Rating	4	
	Deficiency Rating	STRUCTURAL	59	Superstructure Cond. Rating	6	
	Funding Eligibility	FULL	60	Substructure Cond. Rating	4	
75A	Proposed Work	REPLACEMENT SUBSTND LOAD	61	Channel /Channel Protection Cond. Rating	5	
75B	Work Done By	Contract	62	Culvert Cond. Rating	N	
76	New Struc Length	160 Ft. 8 In.				
94	Struc Improve Cost	\$ 502,000	INSPECTION INFORMATION			
95	Roadway Improve Cost	\$ 50,000	90	Gen. Insp Date	12 / 16	
96	Total Project Cost	\$ 753,000	91	Gen. Insp. Frequency	24 Months	
97	Year of Cost Estimates	2018	92A	Frac. Critical Inspection	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		
APPRAISAL RATING INFORMATION			BORDER BRIDGE INFORMATION			
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	98	Neighboring State Code		
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	98B	Neighboring State % Respon		
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	99	Neighboring State Struc. No.		
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND				
67	Struc Eval App. Rating	2	APPROVED POSTING INFORMATION			
68	Deck Geometry App. Rating	4	FIELD POSTING INFORMATION			
69	Underclearance App. Rating	N	Approved Posting Category	S-5	Field Posting Category	S-5
71	Waterway Adeq. App. Rating	8		Ton1 Ton2 Ton3		Ton1 Ton2 Ton3
72	Approach Road App. Rating	6	Tonnage Values for Posting Sign	17	Tonnage Values for Posting Sign	17
113	Scour Assess App. Rating	8	General Text for Posting Sign		General Text for Posting Sign	
			CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.		CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.	

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Missouri Department of Transportation
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Structural Inventory & Appraisal Sheet

January 10, 2019
8:53:42am

COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/15/2007 SUBMITTAL YEAR : 2006

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.56 miles
16	Latitude	38 D 28 M 30 S
17	Longitude	91 D 41 M 30 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	88
30	AADT Year	2005
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	127
115	Future AADT Year	2027

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.08 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	61 Ft. 11 In.
49	Structure Length	128 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 3 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

Design_No = P0866



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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/15/2007 SUBMITTAL YEAR : 2006

LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION			
31	Design Load	H 10	43A	Main Struc. Mat type	STEEL	
41	Structure Status	P - POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD	
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3	
64	Operating Rating	22 Tons.	44A	Appr Struc. Mat type		
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type		
66	Inventory Rating	11 Tons.	46	# of Approach Span	0	
70	Bridge Posting Code	20.0-29.9% BELOW	107	Deck Mat/Constr.	1 CONCRETE CIP	
			108A	Wear Surf Mat/Constr.	6 BITUMINOUS	
			108B	Membrane Mat/Constr.	0 NONE	
			108C	Deck Protect Mat/Constr.	OTHER	
PROPOSED IMPROVEMENT INFORMATION			CONDITION RATING INFORMATION			
	Sufficiency Rating	47.2 Percent	58	Deck Cond. Rating	6	
	Deficiency Rating	STRUCTURAL	59	Superstructure Cond. Rating	7	
	Funding Eligibility	FULL	60	Substructure Cond. Rating	5	
75A	Proposed Work	REPLACEMENT SUBSTND LOAD	61	Channel /Channel Protection Cond. Rating	5	
75B	Work Done By	Contract	62	Culvert Cond. Rating	N	
76	New Struc Length	160 Ft. 8 In.				
94	Struc Improve Cost	\$ 279,000	INSPECTION INFORMATION			
95	Roadway Improve Cost	\$ 27,000	90	Gen. Insp Date	12 / 05	
96	Total Project Cost	\$ 418,000	91	Gen. Insp. Frequency	24 Months	
97	Year of Cost Estimates	2007	92A	Frac. Critical Inspection	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		
APPRAISAL RATING INFORMATION			BORDER BRIDGE INFORMATION			
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	98	Neighboring State Code		
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	98B	Neighboring State % Respon		
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	99	Neighboring State Struc. No.		
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND				
67	Struc Eval App. Rating	2	APPROVED POSTING INFORMATION			
68	Deck Geometry App. Rating	5	FIELD POSTING INFORMATION			
69	Underclearance App. Rating	N	Approved Posting Category	S-5	Field Posting Category	S-5
71	Waterway Adeq. App. Rating	8		Ton1 Ton2 Ton3		Ton1 Ton2 Ton3
72	Approach Road App. Rating	6	Tonnage Values for Posting Sign	17	Tonnage Values for Posting Sign	17
113	Scour Assess App. Rating	8	General Text for Posting Sign		General Text for Posting Sign	
			CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.		CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.	

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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/20/2014 SUBMITTAL YEAR : 2013

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	CD	5B	Route Signing Prefix	MO
3	County	OSAGE	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	7937	5D	Route Number	0000N
27	Year Built	1958	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	RT N S
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	NO
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	07-RURAL MAJOR COLLECTOR
101	Parallel Struc Desg	NONE EXISTS	28A	Lanes on Structure	01
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	CRAWFORD	29	AADT	186
	Code	17128	30	AADT Year	2013
9	Location	S 15 T 43 N R 7 W	102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
11	Milepoint	17.51 miles	109	AADT Truck Percent	11%
16	Latitude	38 D 28 M 26 S	114	Future AADT	269
17	Longitude	91 D 41 M 29 S	115	Future AADT Year	2034
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CONTRARY CR	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	WATERWAY	19	By pass Detour Length	21.08 miles
28B	Lanes Under Structure	00	32	Approach Roadway Width	20 Ft. 0 In.
54A	Vert. Clearance Ref.	N/A	34	Skew	0.00 Degrees
54B	Vert. Clearance	0 Ft. 0 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	N/A	47	Total Horiz. Clear	20 Ft. 0 In.
55B	Rt. Lat Clearance	0 Ft. 0 In.	48	Maximum Span Length	61 Ft. 11 In.
56	Left Lat Clearance	0 Ft. 0 In.	49	Structure Length	128 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ	50A	Left Curb/Sidewalk Width	0 Ft. 0 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	0 Ft. 0 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	20 Ft. 0 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	22 Ft. 3 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : P
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 2/20/2014 SUBMITTAL YEAR : 2013

LOAD RATING AND POSTING INFORMATION				MATERIAL/CONSTRUCTION INFORMATION				
31	Design Load	H 10		43A	Main Struc. Mat type	STEEL		
41	Structure Status	P - POSTED FOR LOAD		43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD		
63	Oper. Rating Meth.	ALLOWABLE STRESS		45	# of Main Spans	3		
64	Operating Rating	22 Tons.		44A	Appr Struc. Mat type			
65	Inventory Rating Meth	ALLOWABLE STRESS		44B	Appr Struc. Cnstr. type			
66	Inventory Rating	11 Tons.		46	# of Approach Span	0		
70	Bridge Posting Code	20.0-29.9% BELOW		107	Deck Mat/Constr.	1 CONCRETE CIP		
PROPOSED IMPROVEMENT INFORMATION				108A	Wear Surf Mat/Constr.	6 BITUMINOUS		
	Sufficiency Rating	47.5	Percent	108B	Membrane Mat/Constr.	0 NONE		
	Deficiency Rating	STRUCTURAL		108C	Deck Protect Mat/Constr.	OTHER		
	Funding Eligibility	FULL		CONDITION RATING INFORMATION				
75A	Proposed Work	REPLACEMENT SUBSTND LOAD		58	Deck Cond. Rating	5		
75B	Work Done By	Contract		59	Superstructure Cond. Rating	6		
76	New Struc Length	160 Ft. 8 In.		60	Substructure Cond. Rating	5		
94	Struc Improve Cost	\$ 502,000		61	Channel /Channel Protection Cond. Rating	5		
95	Roadway Improve Cost	\$ 50,000		62	Culvert Cond. Rating	N		
96	Total Project Cost	\$ 753,000		INSPECTION INFORMATION				
97	Year of Cost Estimates	2014		90	Gen. Insp Date	12 / 12		
APPRAISAL RATING INFORMATION				91	Gen. Insp. Frequency	24	Months	
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND		92A	Frac. Critical Inspection	N	Months	
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND		93A	Frac. Critical Insp. Date			
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND		92B	Underwater Inspection	N	Months	
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND		93B	Underwater Insp. Date			
67	Struc Eval App. Rating	2		92C	Special Inspection	N	Months	
68	Deck Geometry App. Rating	4		93C	Special Inspection Date			
69	Underclearance App. Rating	N		BORDER BRIDGE INFORMATION				
71	Waterway Adeq. App. Rating	8		98	Neighboring State Code			
72	Approach Road App. Rating	6		98B	Neighboring State % Respon			
113	Scour Assess App. Rating	8		99	Neighboring State Struc. No.			
APPROVED POSTING INFORMATION				FIELD POSTING INFORMATION				
Approved Posting Category		S-5		Field Posting Category		S-5		
		Ton1	Ton2	Ton3		Ton1	Ton2	Ton3
Tonnage Values for Posting Sign		17		Tonnage Values for Posting Sign		17		
General Text for Posting Sign				General Text for Posting Sign				
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.				

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

January 10, 2019
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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 12/14/2018 SUBMITTAL YEAR : 2018

GENERAL STRUCTURE INFORMATION

1	State	MISSOURI
2	District	CD
3	County	OSAGE
8	Federal ID No.	7937
27	Year Built	1958
106	Year Reconstructed	0
42A	Type of Service On	HIGHWAY
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	MAINLINE
5D	Route Number	0000N
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	RT N S
12	Base Hwy. Network	NO
13A	LRS Inventory Route No.	
13B	Subroute No.	
20	Toll Status	ON FREE ROAD
26	Functional Classification	07-RURAL MAJOR COLLECTOR
28A	Lanes on Structure	01
100	STRAHNET Designation	RTE NOT A DEFENSE HWY
104	National Highway System	NOT ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	NO

STRUCTURE LOCATION INFORMATION

4	Place	CRAWFORD
	Code	17128
9	Location	S 15 T 43 N R 7 W
11	Milepoint	17.65 miles
16	Latitude	38 D 28 M 26 S
17	Longitude	91 D 41 M 29 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	198
30	AADT Year	2017
102	Direction of Traffic	ONE LANE BRIDGE FOR 2-WAY
109	AADT Truck Percent	10%
114	Future AADT	287
115	Future AADT Year	2037

UNDERRECORD INFORMATION

6	Features Intersected	CONTRARY CR
42B	Type of Service Under	WATERWAY
28B	Lanes Under Structure	00
54A	Vert. Clearance Ref.	N/A
54B	Vert. Clearance	0 Ft. 0 In.
55A	Rt. Lat Clear Ref.	N/A
55B	Rt. Lat Clearance	0 Ft. 0 In.
56	Left Lat Clearance	0 Ft. 0 In.
38	Navigation Control	PERMIT NOT REQ
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	21.25 miles
32	Approach Roadway Width	20 Ft. 0 In.
34	Skew	0.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	20 Ft. 0 In.
48	Maximum Span Length	62 Ft. 0 In.
49	Structure Length	128 Ft. 11 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	20 Ft. 0 In.
52	Deck Width (Out-Out)	22 Ft. 4 In.
53	Vert. Clearance Over Deck	99 Ft. 99 In.

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

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COUNTY : OSAGE BRIDGE : P0866 REVIEW STATUS : APPROVED NBI STATUS : T
RECORD TYPE : ROUTE CARRIED 'ON' STRUCT RUN DATE : 12/14/2018 SUBMITTAL YEAR : 2018

LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION		
31	Design Load	H 10	43A	Main Struc. Mat type	STEEL
41	Structure Status	POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	ALLOWABLE STRESS	45	# of Main Spans	3
64	Operating Rating	22 Tons.	44A	Appr Struc. Mat type	000
65	Inventory Rating Meth	ALLOWABLE STRESS	44B	Appr Struc. Cnstr. type	000
66	Inventory Rating	11 Tons.	46	# of Approach Span	0
70	Bridge Posting Code	20.0-29.9% BELOW	107	Deck Mat/Constr.	1 CONCRETE CIP
PROPOSED IMPROVEMENT INFORMATION			108A	Wear Surf Mat/Constr.	6 BITUMINOUS
Sufficiency Rating 34.7 Percent			108B	Membrane Mat/Constr.	0 NONE
Deficiency Rating STRUCTURAL			108C	Deck Protect Mat/Constr.	OTHER
Funding Eligibility FULL			CONDITION RATING INFORMATION		
75A	Proposed Work	REPLACEMENT SUBSTND LOAD	58	Deck Cond. Rating	4
75B	Work Done By	Contract	59	Superstructure Cond. Rating	6
76	New Struc Length	160 Ft. 9 In.	60	Substructure Cond. Rating	4
94	Struc Improve Cost	\$ 502,000	61	Channel /Channel Protection Cond. Rating	5
95	Roadway Improve Cost	\$ 50,000	62	Culvert Cond. Rating	N
96	Total Project Cost	\$ 753,000	INSPECTION INFORMATION		
97	Year of Cost Estimates	2018	90	Gen. Insp Date	12 / 16
APPRAISAL RATING INFORMATION			91	Gen. Insp. Frequency	24 Months
36A	Br. Rail App. Rating	DOES NOT MEET ACCEPT STND	92A	Frac. Critical Inspection	N Months
36B	Transition Rail App. Rating	DOES NOT MEET ACCEPT STND	93A	Frac. Critical Insp. Date	
36C	Approach Rail App. Rating	DOES NOT MEET ACCEPT STND	92B	Underwater Inspection	N Months
36D	Rail End Treat. App. Rating	DOES NOT MEET ACCEPT STND	93B	Underwater Insp. Date	
67	Struc Eval App. Rating	2	92C	Special Inspection	N Months
68	Deck Geometry App. Rating	4	93C	Special Inspection Date	
69	Underclearance App. Rating	N	BORDER BRIDGE INFORMATION		
71	Waterway Adeq. App. Rating	8	98	Neighboring State Code	
72	Approach Road App. Rating	6	98B	Neighboring State % Respon	
113	Scour Assess App. Rating	8	99	Neighboring State Struc. No.	
APPROVED POSTING INFORMATION			FIELD POSTING INFORMATION		
Approved Posting Category S-5			Field Posting Category S-5		
Ton1 Ton2 Ton3			Ton1 Ton2 Ton3		
Tonnage Values for Posting Sign 17			Tonnage Values for Posting Sign 17		
General Text for Posting Sign			General Text for Posting Sign		
CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.			CENTERLINE OF BRIDGE AND TRUCKS OVER 17 TONS 15 MPH ON BRIDGE.		

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