



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

March 30, 2023  
9:35:01am

COUNTY : ST. LOUIS CITY      BRIDGE : L0667 5      REVIEW STATUS : CONVERTED      NBI STATUS : T  
RECORD TYPE : 2ND RTE THAT GOES 'UNDR'S      RUN DATE : 3/6/2023      SUBMITTAL YEAR : 2023

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	2ND RTE THAT GOES 'UNDR'S    Code : B
2	District	SL	5B	Route Signing Prefix	CST
3	County	ST. LOUIS CITY	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	6418	5D	Route Number	00000
27	Year Built	1956	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	IS 64 E
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	
21	Structure Maintenance		13A	LRS Inventory Route No.	
22	Structure Owner		13B	Subroute No.	
33	Br. Median Code		20	Toll Status	ON FREE ROAD
37	Historical Significance		26	Functional Classification	17-URBAN COLLECTOR
101	Parallel Struc Desg	RIGHT	28A	Lanes on Structure	03
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length		104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	ST. LOUIS CITY	29	AADT	6370
	Code	65000	30	AADT Year	2022
9	Location	S 16 T 45 N R 7 E	102	Direction of Traffic	2-WAY TRAFFIC
11	Milepoint	1.88 miles	109	AADT Truck Percent	10%
16	Latitude	38 D 37 M 55 S	114	Future AADT	
17	Longitude	90 D 14 M 41 S	115	Future AADT Year	
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CST CLAYTON AVE	10	Inventory Rte. Vert. Clear	26 Ft. 9 In.
42B	Type of Service Under	HIGHWAY-RAILROAD	19	By pass Detour Length	0.00 miles
28B	Lanes Under Structure	02	32	Approach Roadway Width	
54A	Vert. Clearance Ref.		34	Skew	
54B	Vert. Clearance		35	Struct. Flared	
55A	Rt. Lat Clear Ref.		47	Total Horiz. Clear	58 Ft. 5 In.
55B	Rt. Lat Clearance		48	Maximum Span Length	127 Ft. 11 In.
56	Left Lat Clearance		49	Structure Length	1,391 Ft. 1 In.
38	Navigation Control		50A	Left Curb/Sidewalk Width	
39	Nav Vertical Clear		50B	Right Curb/Sidewalk Width	
40	Nav Horizontal Clear		51	Curb to Curb Br. Width	
111	Nav. Pier Protection		52	Deck Width (Out-Out)	
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	

Design\_No = 10667 and Inventory\_Appraisal\_Submittal\_Year = 2023



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LOAD RATING AND POSTING INFORMATION		MATERIAL/CONSTRUCTION INFORMATION	
31	Design Load	43A	Main Struc. Mat type      STEEL CONTINUOUS
41	Structure Status	43B	Main struc Constr. Type      STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	45	# of Main Spans
64	Operating Rating	44A	Appr Struc. Mat type
65	Inventory Rating Meth	44B	Appr Struc. Cnstr. type
66	Inventory Rating	46	# of Approach Span
70	Bridge Posting Code	107	Deck Mat/Constr.
PROPOSED IMPROVEMENT INFORMATION		108A	Wear Surf Mat/Constr.
Sufficiency Rating		108B	Membrane Mat/Constr.
Deficiency Rating		108C	Deck Protect Mat/Constr.
Funding Eligibility		CONDITION RATING INFORMATION	
75A	Proposed Work	58	Deck Cond. Rating
75B	Work Done By	59	Superstructure Cond. Rating
76	New Struc Length	60	Substructure Cond. Rating
94	Struc Improve Cost	61	Channel /Channel Protection Cond. Rating
95	Roadway Improve Cost	62	Culvert Cond. Rating
96	Total Project Cost	INSPECTION INFORMATION	
97	Year of Cost Estimates	90	Gen. Insp Date
APPRAISAL RATING INFORMATION		91	Gen. Insp. Frequency
36A	Br. Rail App. Rating	92A	Frac. Critical Inspection
36B	Transition Rail App. Rating	93A	Frac. Critical Insp. Date
36C	Approach Rail App. Rating	92B	Underwater Inspection
36D	Rail End Treat. App. Rating	93B	Underwater Insp. Date
67	Struc Eval App. Rating	92C	Special Inspection
68	Deck Geometry App. Rating	93C	Special Inspection Date
69	Underclearance App. Rating	BORDER BRIDGE INFORMATION	
71	Waterway Adeq. App. Rating	98	Neighboring State Code
72	Approach Road App. Rating	98B	Neighboring State % Respon
113	Scour Assess App. Rating	99	Neighboring State Struc. No.
APPROVED POSTING INFORMATION		FIELD POSTING INFORMATION	
Approved Posting Category		Field Posting Category	
Ton1      Ton2      Ton3		Ton1      Ton2      Ton3	
Tonnage Values for Posting Sign		Tonnage Values for Posting Sign	
General Text for Posting Sign		General Text for Posting Sign	

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GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	1 RTE THAT GOES 'UNDER' S      Code : A
2	District	SL	5B	Route Signing Prefix	CST
3	County	ST. LOUIS CITY	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	6418	5D	Route Number	00000
27	Year Built	1956	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	IS 64 E
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	
21	Structure Maintenance		13A	LRS Inventory Route No.	
22	Structure Owner		13B	Subroute No.	
33	Br. Median Code		20	Toll Status	ON FREE ROAD
37	Historical Significance		26	Functional Classification	16-URBAN MINOR ARTERIAL
101	Parallel Struc Desg	RIGHT	28A	Lanes on Structure	03
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	RTE NOT A DEFENSE HWY
112	NBIS Bridge Length		104	National Highway System	NOT ON NHS
			105	Federal Lands Highway	
			110	Designated Nat. Network	NO
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	ST. LOUIS CITY	29	AADT	17691
	Code	65000	30	AADT Year	2022
9	Location	S 16 T 45 N R 7 E	102	Direction of Traffic	2-WAY TRAFFIC
11	Milepoint	2.80 miles	109	AADT Truck Percent	5%
16	Latitude	38 D 37 M 55 S	114	Future AADT	
17	Longitude	90 D 14 M 41 S	115	Future AADT Year	
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CST VANDEVENTER AVE	10	Inventory Rte. Vert. Clear	18 Ft. 12 In.
42B	Type of Service Under	HIGHWAY-RAILROAD	19	By pass Detour Length	0.00 miles
28B	Lanes Under Structure	05	32	Approach Roadway Width	
54A	Vert. Clearance Ref.		34	Skew	
54B	Vert. Clearance		35	Struct. Flared	
55A	Rt. Lat Clear Ref.		47	Total Horiz. Clear	118 Ft. 1 In.
55B	Rt. Lat Clearance		48	Maximum Span Length	127 Ft. 11 In.
56	Left Lat Clearance		49	Structure Length	1,391 Ft. 1 In.
38	Navigation Control		50A	Left Curb/Sidewalk Width	
39	Nav Vertical Clear		50B	Right Curb/Sidewalk Width	
40	Nav Horizontal Clear		51	Curb to Curb Br. Width	
111	Nav. Pier Protection		52	Deck Width (Out-Out)	
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	

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LOAD RATING AND POSTING INFORMATION		MATERIAL/CONSTRUCTION INFORMATION	
31	Design Load	43A	Main Struc. Mat type      STEEL CONTINUOUS
41	Structure Status	43B	Main struc Constr. Type      STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	45	# of Main Spans
64	Operating Rating	44A	Appr Struc. Mat type
65	Inventory Rating Meth	44B	Appr Struc. Cnstr. type
66	Inventory Rating	46	# of Approach Span
70	Bridge Posting Code	107	Deck Mat/Constr.
PROPOSED IMPROVEMENT INFORMATION		108A	Wear Surf Mat/Constr.
Sufficiency Rating		108B	Membrane Mat/Constr.
Deficiency Rating		108C	Deck Protect Mat/Constr.
Funding Eligibility		CONDITION RATING INFORMATION	
75A	Proposed Work	58	Deck Cond. Rating
75B	Work Done By	59	Superstructure Cond. Rating
76	New Struc Length	60	Substructure Cond. Rating
94	Struc Improve Cost	61	Channel /Channel Protection Cond. Rating
95	Roadway Improve Cost	62	Culvert Cond. Rating
96	Total Project Cost	INSPECTION INFORMATION	
97	Year of Cost Estimates	90	Gen. Insp Date
APPRAISAL RATING INFORMATION		91	Gen. Insp. Frequency
36A	Br. Rail App. Rating	92A	Frac. Critical Inspection
36B	Transition Rail App. Rating	93A	Frac. Critical Insp. Date
36C	Approach Rail App. Rating	92B	Underwater Inspection
36D	Rail End Treat. App. Rating	93B	Underwater Insp. Date
67	Struc Eval App. Rating	92C	Special Inspection
68	Deck Geometry App. Rating	93C	Special Inspection Date
69	Underclearance App. Rating	BORDER BRIDGE INFORMATION	
71	Waterway Adeq. App. Rating	98	Neighboring State Code
72	Approach Road App. Rating	98B	Neighboring State % Respon
113	Scour Assess App. Rating	99	Neighboring State Struc. No.
APPROVED POSTING INFORMATION		FIELD POSTING INFORMATION	
Approved Posting Category		Field Posting Category	
Ton1      Ton2      Ton3		Ton1      Ton2      Ton3	
Tonnage Values for Posting Sign		Tonnage Values for Posting Sign	
General Text for Posting Sign		General Text for Posting Sign	

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RECORD TYPE : ROUTE CARRIED 'ON' STRUCT      RUN DATE : 3/6/2023      SUBMITTAL YEAR : 2023

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	ROUTE CARRIED 'ON' STRUCT
2	District	SL	5B	Route Signing Prefix	IS
3	County	ST. LOUIS CITY	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	6418	5D	Route Number	00064
27	Year Built	1956	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	1977	7	Facility Carried	IS 64 E
42A	Type of Service On	HIGHWAY	12	Base Hwy. Network	YES
21	Structure Maintenance	STATE HIGHWAY AGENCY	13A	LRS Inventory Route No.	0000006372
22	Structure Owner	STATE HIGHWAY AGENCY	13B	Subroute No.	00
33	Br. Median Code	NO MEDIAN	20	Toll Status	ON FREE ROAD
37	Historical Significance	NOT ELIGIBLE FOR NR OF HP	26	Functional Classification	11-UR PRNCPL ARTERIAL-IS
101	Parallel Struc Desg	RIGHT	28A	Lanes on Structure	03
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	ON A DEFENSE HWY
112	NBIS Bridge Length	YES	104	National Highway System	ON NHS
			105	Federal Lands Highway	NOT APPLICABLE
			110	Designated Nat. Network	YES
STRUCTURE LOCATION INFORMATION			STRUCTURE TRAFFIC INFORMATION		
4	Place	ST. LOUIS CITY	29	AADT	45288
	Code	65000	30	AADT Year	2022
9	Location	S 16 T 45 N R 7 E	102	Direction of Traffic	1-WAY TRAFFIC
11	Milepoint	37.36 miles	109	AADT Truck Percent	12%
16	Latitude	38 D 37 M 55 S	114	Future AADT	56610
17	Longitude	90 D 14 M 41 S	115	Future AADT Year	2042
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CST VANDEVENTER AVE, CST	10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
42B	Type of Service Under	HIGHWAY-RAILROAD	19	By pass Detour Length	5.00 miles
28B	Lanes Under Structure	08	32	Approach Roadway Width	47 Ft. 11 In.
54A	Vert. Clearance Ref.	HIGHWAY	34	Skew	62.00 Degrees
54B	Vert. Clearance	17 Ft. 10 In.	35	Struct. Flared	NO
55A	Rt. Lat Clear Ref.	RAIL ROAD	47	Total Horiz. Clear	56 Ft. 1 In.
55B	Rt. Lat Clearance	10 Ft. 2 In.	48	Maximum Span Length	127 Ft. 11 In.
56	Left Lat Clearance	16 Ft. 9 In.	49	Structure Length	1,391 Ft. 1 In.
38	Navigation Control	N/A	50A	Left Curb/Sidewalk Width	2 Ft. 7 In.
39	Nav Vertical Clear	0 Ft. 0 In.	50B	Right Curb/Sidewalk Width	2 Ft. 7 In.
40	Nav Horizontal Clear	0 Ft. 0 In.	51	Curb to Curb Br. Width	56 Ft. 1 In.
111	Nav. Pier Protection		52	Deck Width (Out-Out)	62 Ft. 12 In.
116	Nav. Cl. Vert. Clear		53	Vert. Clearance Over Deck	99 Ft. 99 In.

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LOAD RATING AND POSTING INFORMATION			MATERIAL/CONSTRUCTION INFORMATION		
31	Design Load	HS 20	43A	Main Struc. Mat type	STEEL CONTINUOUS
41	Structure Status	POSTED FOR LOAD	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	LOAD FACTOR	45	# of Main Spans	14
64	Operating Rating	50 Tons.	44A	Appr Struc. Mat type	000
65	Inventory Rating Meth	LOAD FACTOR	44B	Appr Struc. Cnstr. type	000
66	Inventory Rating	30 Tons.	46	# of Approach Span	0
70	Bridge Posting Code	=>LEGAL LOADS	107	Deck Mat/Constr.	4 CLOSED
PROPOSED IMPROVEMENT INFORMATION			108A	Wear Surf Mat/Constr.	6 BITUMINOUS
Sufficiency Rating 75.9 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	REHAB-GENERAL DETERIORAT	58	Deck Cond. Rating	4
75B	Work Done By	Contract	59	Superstructure Cond. Rating	6
76	New Struc Length	1,391 Ft. 1 In.	60	Substructure Cond. Rating	6
94	Struc Improve Cost	\$ 7,472,000	61	Channel /Channel Protection Cond. Rating	N
95	Roadway Improve Cost	\$ 747,000	62	Culvert Cond. Rating	N
96	Total Project Cost	\$ 11,207,000	INSPECTION INFORMATION		
97	Year of Cost Estimates	2023	90	Gen. Insp Date	7 / 22
APPRAISAL RATING INFORMATION			91	Gen. Insp. Frequency	24 Months
36A	Br. Rail App. Rating	MEETS ACCEPTBLE 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	MEETS ACCEPTBLE STND	92B	Underwater Inspection	N Months
36D	Rail End Treat. App. Rating	MEETS ACCEPTBLE STND	93B	Underwater Insp. Date	
67	Struc Eval App. Rating	6	92C	Special Inspection	Y Months 24
68	Deck Geometry App. Rating	6	93C	Special Inspection Date	7 / 22
69	Underclearance App. Rating	4	BORDER BRIDGE INFORMATION		
71	Waterway Adeq. App. Rating	N	98	Neighboring State Code	
72	Approach Road App. Rating	8	98B	Neighboring State % Respon	
113	Scour Assess App. Rating	N	99	Neighboring State Struc. No.	
APPROVED POSTING INFORMATION			FIELD POSTING INFORMATION		
Approved Posting Category S-C3			Field Posting Category S-C3		
Ton1 Ton2 Ton3			Ton1 Ton2 Ton3		
Tonnage Values for Posting Sign 45			Tonnage Values for Posting Sign 45		
General Text for Posting Sign			General Text for Posting Sign		
WEIGHT LIMIT 45 TONS.			WEIGHT LIMIT 45 TONS.		

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