



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

March 30, 2023
9:32:07am

COUNTY : ST. LOUIS CITY BRIDGE : A3594 2 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : 1 RTE THAT GOES 'UNDER' S RUN DATE : 3/6/2023 SUBMITTAL YEAR : 2023

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	IS
3	County	ST. LOUIS CITY	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	3004	5D	Route Number	00064
27	Year Built	1982	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	IS 64 W
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	11-UR PRNCPL ARTERIAL-IS
101	Parallel Struc Desg	LEFT	28A	Lanes on Structure	03
103	Temporary Structure	NOT TEMPORARY	100	STRAHNET Designation	ON A DEFENSE HWY
112	NBIS Bridge Length		104	National Highway System	ON NHS
			105	Federal Lands Highway	
			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	37.71 miles	109	AADT Truck Percent	12%
16	Latitude	38 D 37 M 56 S	114	Future AADT	
17	Longitude	90 D 14 M 17 S	115	Future AADT Year	
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	IS 64	10	Inventory Rte. Vert. Clear	16 Ft. 4 In.
42B	Type of Service Under	HIGHWAY-RAILROAD	19	By pass Detour Length	0.00 miles
28B	Lanes Under Structure	04	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	53 Ft. 10 In.
55B	Rt. Lat Clearance		48	Maximum Span Length	121 Ft. 1 In.
56	Left Lat Clearance		49	Structure Length	5,402 Ft. 11 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 = a3594 and Inventory_Appraisal_Submittal_Year = 2023



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LOAD RATING AND POSTING INFORMATION		MATERIAL/CONSTRUCTION INFORMATION	
<div>31</div> Design Load		<div>43A</div> Main Struc. Mat type	STEEL CONTINUOUS
<div>41</div> Structure Status		<div>43B</div> Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
<div>63</div> Oper. Rating Meth.		<div>45</div> # of Main Spans	
<div>64</div> Operating Rating		<div>44A</div> Appr Struc. Mat type	
<div>65</div> Inventory Rating Meth		<div>44B</div> Appr Struc. Cnstr. type	
<div>66</div> Inventory Rating		<div>46</div> # of Approach Span	
<div>70</div> Bridge Posting Code		<div>107</div> Deck Mat/Constr.	
		<div>108A</div> Wear Surf Mat/Constr.	
		<div>108B</div> Membrane Mat/Constr.	
		<div>108C</div> Deck Protect Mat/Constr.	
PROPOSED IMPROVEMENT INFORMATION		CONDITION RATING INFORMATION	
Sufficiency Rating		<div>58</div> Deck Cond. Rating	
Deficiency Rating		<div>59</div> Superstructure Cond. Rating	
Funding Eligibility		<div>60</div> Substructure Cond. Rating	
<div>75A</div> Proposed Work		<div>61</div> Channel /Channel Protection Cond. Rating	
<div>75B</div> Work Done By		<div>62</div> Culvert Cond. Rating	
<div>76</div> New Struc Length			
<div>94</div> Struc Improve Cost		INSPECTION INFORMATION	
<div>95</div> Roadway Improve Cost		<div>90</div> Gen. Insp Date	
<div>96</div> Total Project Cost		<div>91</div> Gen. Insp. Frequency	
<div>97</div> Year of Cost Estimates		<div>92A</div> Frac. Critical Inspection	
		<div>93A</div> Frac. Critical Insp. Date	
		<div>92B</div> Underwater Inspection	
		<div>93B</div> Underwater Insp. Date	
		<div>92C</div> Special Inspection	
		<div>93C</div> Special Inspection Date	
APPRAISAL RATING INFORMATION		BORDER BRIDGE INFORMATION	
<div>36A</div> Br. Rail App. Rating		<div>98</div> Neighboring State Code	
<div>36B</div> Transition Rail App. Rating		<div>98B</div> Neighboring State % Respon	
<div>36C</div> Approach Rail App. Rating		<div>99</div> Neighboring State Struc. No.	
<div>36D</div> Rail End Treat. App. Rating			
<div>67</div> Struc Eval App. Rating			
<div>68</div> Deck Geometry App. Rating			
<div>69</div> Underclearance App. Rating			
<div>71</div> Waterway Adeq. App. Rating			
<div>72</div> Approach Road App. Rating			
<div>113</div> Scour Assess App. Rating			
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 : 5TH 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	5TH RTE THAT GOES 'UNDR'S Code : E
2	District	SL	5B	Route Signing Prefix	CST
3	County	ST. LOUIS CITY	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	3004	5D	Route Number	00000
27	Year Built	1982	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	IS 64 W
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	19-URBAN LOCAL
101	Parallel Struc Desg	LEFT	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	3307
	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	0.17 miles	109	AADT Truck Percent	5%
16	Latitude	38 D 37 M 56 S	114	Future AADT	
17	Longitude	90 D 14 M 17 S	115	Future AADT Year	
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CST MARKET ST	10	Inventory Rte. Vert. Clear	17 Ft. 11 In.
42B	Type of Service Under	HIGHWAY-RAILROAD	19	By pass Detour Length	0.00 miles
28B	Lanes Under Structure	01	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	26 Ft. 7 In.
55B	Rt. Lat Clearance		48	Maximum Span Length	121 Ft. 1 In.
56	Left Lat Clearance		49	Structure Length	5,402 Ft. 11 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	
<div>31</div> Design Load		<div>43A</div> Main Struc. Mat type	STEEL CONTINUOUS
<div>41</div> Structure Status		<div>43B</div> Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
<div>63</div> Oper. Rating Meth.		<div>45</div> # of Main Spans	
<div>64</div> Operating Rating		<div>44A</div> Appr Struc. Mat type	
<div>65</div> Inventory Rating Meth		<div>44B</div> Appr Struc. Cnstr. type	
<div>66</div> Inventory Rating		<div>46</div> # of Approach Span	
<div>70</div> Bridge Posting Code		<div>107</div> Deck Mat/Constr.	
		<div>108A</div> Wear Surf Mat/Constr.	
		<div>108B</div> Membrane Mat/Constr.	
		<div>108C</div> Deck Protect Mat/Constr.	
PROPOSED IMPROVEMENT INFORMATION		CONDITION RATING INFORMATION	
Sufficiency Rating		<div>58</div> Deck Cond. Rating	
Deficiency Rating		<div>59</div> Superstructure Cond. Rating	
Funding Eligibility		<div>60</div> Substructure Cond. Rating	
<div>75A</div> Proposed Work		<div>61</div> Channel /Channel Protection Cond. Rating	
<div>75B</div> Work Done By		<div>62</div> Culvert Cond. Rating	
<div>76</div> New Struc Length			
<div>94</div> Struc Improve Cost		INSPECTION INFORMATION	
<div>95</div> Roadway Improve Cost		<div>90</div> Gen. Insp Date	
<div>96</div> Total Project Cost		<div>91</div> Gen. Insp. Frequency	
<div>97</div> Year of Cost Estimates		<div>92A</div> Frac. Critical Inspection	
		<div>93A</div> Frac. Critical Insp. Date	
		<div>92B</div> Underwater Inspection	
		<div>93B</div> Underwater Insp. Date	
		<div>92C</div> Special Inspection	
		<div>93C</div> Special Inspection Date	
APPRAISAL RATING INFORMATION		BORDER BRIDGE INFORMATION	
<div>36A</div> Br. Rail App. Rating		<div>98</div> Neighboring State Code	
<div>36B</div> Transition Rail App. Rating		<div>98B</div> Neighboring State % Respon	
<div>36C</div> Approach Rail App. Rating		<div>99</div> Neighboring State Struc. No.	
<div>36D</div> Rail End Treat. App. Rating			
<div>67</div> Struc Eval App. Rating			
<div>68</div> Deck Geometry App. Rating			
<div>69</div> Underclearance App. Rating			
<div>71</div> Waterway Adeq. App. Rating			
<div>72</div> Approach Road App. Rating			
<div>113</div> Scour Assess App. Rating			
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

1	State	MISSOURI
2	District	SL
3	County	ST. LOUIS CITY
8	Federal ID No.	3004
27	Year Built	1982
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	LEFT
103	Temporary Structure	NOT TEMPORARY
112	NBIS Bridge Length	YES

ROUTE DESIGNATION INFORMATION

5A	Record Type	ROUTE CARRIED 'ON' STRUCT
5B	Route Signing Prefix	IS
5C	Designated Level of Service	MAINLINE
5D	Route Number	00064
5E	Directional Suffix	NOT APPLICABLE
7	Facility Carried	IS 64 W
12	Base Hwy. Network	YES
13A	LRS Inventory Route No.	0000006373
13B	Subroute No.	00
20	Toll Status	ON FREE ROAD
26	Functional Classification	11-UR PRNCPL ARTERIAL-IS
28A	Lanes on Structure	03
100	STRAHNET Designation	ON A DEFENSE HWY
104	National Highway System	ON NHS
105	Federal Lands Highway	NOT APPLICABLE
110	Designated Nat. Network	YES

STRUCTURE LOCATION INFORMATION

4	Place	ST. LOUIS CITY
	Code	65000
9	Location	S 16 T 45 N R 7 E
11	Milepoint	2.67 miles
16	Latitude	38 D 37 M 56 S
17	Longitude	90 D 14 M 17 S

STRUCTURE TRAFFIC INFORMATION

29	AADT	38647
30	AADT Year	2022
102	Direction of Traffic	1-WAY TRAFFIC
109	AADT Truck Percent	18%
114	Future AADT	48309
115	Future AADT Year	2042

UNDERRECORD INFORMATION

6	Features Intersected	CST CLAYTON AVE, IS 64
42B	Type of Service Under	HIGHWAY-RAILROAD
28B	Lanes Under Structure	
54A	Vert. Clearance Ref.	HIGHWAY
54B	Vert. Clearance	16 Ft. 4 In.
55A	Rt. Lat Clear Ref.	HIGHWAY
55B	Rt. Lat Clearance	0 Ft. 12 In.
56	Left Lat Clearance	4 Ft. 7 In.
38	Navigation Control	N/A
39	Nav Vertical Clear	0 Ft. 0 In.
40	Nav Horizontal Clear	0 Ft. 0 In.
111	Nav. Pier Protection	
116	Nav. Cl. Vert. Clear	

STRUCTURE GEOMETRIC INFORMATION

10	Inventory Rte. Vert. Clear	99 Ft. 99 In.
19	By pass Detour Length	0.63 miles
32	Approach Roadway Width	51 Ft. 10 In.
34	Skew	20.00 Degrees
35	Struct. Flared	NO
47	Total Horiz. Clear	52 Ft. 6 In.
48	Maximum Span Length	121 Ft. 1 In.
49	Structure Length	5,402 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	51 Ft. 6 In.
52	Deck Width (Out-Out)	54 Ft. 9 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	HS 20+MOD	43A	Main Struc. Mat type	STEEL CONTINUOUS
41	Structure Status	OPEN NO RESTRICTIONS	43B	Main struc Constr. Type	STRINGER/MULTIBEAM - GRD
63	Oper. Rating Meth.	LOAD FACTOR	45	# of Main Spans	56
64	Operating Rating	63 Tons.	44A	Appr Struc. Mat type	000
65	Inventory Rating Meth	LOAD FACTOR	44B	Appr Struc. Cnstr. type	000
66	Inventory Rating	39 Tons.	46	# of Approach Span	0
70	Bridge Posting Code	=>LEGAL LOADS	107	Deck Mat/Constr.	1 CONCRETE CIP
PROPOSED IMPROVEMENT INFORMATION			108A	Wear Surf Mat/Constr.	4 LOW SLUMP
Sufficiency Rating 79.8 Percent			108B	Membrane Mat/Constr.	1 BUILT UP
Deficiency Rating FUNCTIONAL			108C	Deck Protect Mat/Constr.	1 EPOXY
Funding Eligibility PARTIAL			CONDITION RATING INFORMATION		
75A	Proposed Work	REHAB-GENERAL DETERIORAT	58	Deck Cond. Rating	7
75B	Work Done By	Contract	59	Superstructure Cond. Rating	5
76	New Struc Length	5,403 Ft. 7 In.	60	Substructure Cond. Rating	6
94	Struc Improve Cost	\$ 29,027,000	61	Channel /Channel Protection Cond. Rating	N
95	Roadway Improve Cost	\$ 2,903,000	62	Culvert Cond. Rating	N
96	Total Project Cost	\$ 43,540,000	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	Y Months 24
36B	Transition Rail App. Rating	MEETS ACCEPTBLE STND	93A	Frac. Critical Insp. Date	7 / 22
36C	Approach Rail App. Rating	MEETS ACCEPTBLE 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	5	92C	Special Inspection	N Months
68	Deck Geometry App. Rating	5	93C	Special Inspection Date	
69	Underclearance App. Rating	3	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-1			Field Posting Category S-1		
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		
NO POSTING REQUIRED			NO POSTING REQUIRED		

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GENERAL STRUCTURE INFORMATION

1 State MISSOURI
2 District SL
3 County ST. LOUIS CITY
8 Federal ID No. 3004
27 Year Built 1982
106 Year Reconstructed 0
42A Type of Service On HIGHWAY
21 Structure Maintenance
22 Structure Owner
33 Br. Median Code
37 Historical Significance
101 Parallel Struc Desg LEFT
103 Temporary Structure NOT TEMPORARY
112 NBIS Bridge Length

ROUTE DESIGNATION INFORMATION

5A Record Type 2ND RTE THAT GOES 'UNDR'S Code : B
5B Route Signing Prefix CST
5C Designated Level of Service MAINLINE
5D Route Number 00000
5E Directional Suffix NOT APPLICABLE
7 Facility Carried IS 64 W
12 Base Hwy. Network
13A LRS Inventory Route No.
13B Subroute No.
20 Toll Status ON FREE ROAD
26 Functional Classification 14-UR OTHR PRINCIPL ARTRL
28A Lanes on Structure 03
100 STRAHNET Designation RTE NOT A DEFENSE HWY
104 National Highway System ON NHS
105 Federal Lands Highway
110 Designated Nat. Network NO

STRUCTURE LOCATION INFORMATION

4 Place ST. LOUIS CITY
Code 65000
9 Location S 16 T 45 N R 7 E
11 Milepoint 8.50 miles
16 Latitude 38 D 37 M 56 S
17 Longitude 90 D 14 M 17 S

STRUCTURE TRAFFIC INFORMATION

29 AADT 9503
30 AADT Year 2022
102 Direction of Traffic 2-WAY TRAFFIC
109 AADT Truck Percent 5%
114 Future AADT
115 Future AADT Year

UNDERRECORD INFORMATION

6 Features Intersected CST GRAND BLVD
42B Type of Service Under HIGHWAY-RAILROAD
28B Lanes Under Structure 06
54A Vert. Clearance Ref.
54B Vert. Clearance
55A Rt. Lat Clear Ref.
55B Rt. Lat Clearance
56 Left Lat Clearance
38 Navigation Control
39 Nav Vertical Clear
40 Nav Horizontal Clear
111 Nav. Pier Protection
116 Nav. Cl. Vert. Clear

STRUCTURE GEOMETRIC INFORMATION

10 Inventory Rte. Vert. Clear 16 Ft. 8 In.
19 By pass Detour Length 0.00 miles
32 Approach Roadway Width
34 Skew
35 Struct. Flared
47 Total Horiz. Clear 77 Ft. 9 In.
48 Maximum Span Length 121 Ft. 1 In.
49 Structure Length 5,402 Ft. 11 In.
50A Left Curb/Sidewalk Width
50B Right Curb/Sidewalk Width
51 Curb to Curb Br. Width
52 Deck Width (Out-Out)
53 Vert. Clearance Over Deck

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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
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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	4TH RTE THAT GOES 'UNDR' Code : D
2	District	SL	5B	Route Signing Prefix	CST
3	County	ST. LOUIS CITY	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	3004	5D	Route Number	00000
27	Year Built	1982	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	IS 64 W
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	LEFT	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	1.74 miles	109	AADT Truck Percent	10%
16	Latitude	38 D 37 M 56 S	114	Future AADT	
17	Longitude	90 D 14 M 17 S	115	Future AADT Year	
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CST CLAYTON AVE	10	Inventory Rte. Vert. Clear	18 Ft. 0 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	54 Ft. 6 In.
55B	Rt. Lat Clearance		48	Maximum Span Length	121 Ft. 1 In.
56	Left Lat Clearance		49	Structure Length	5,402 Ft. 11 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 = a3594 and Inventory_Appraisal_Submittal_Year = 2023



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

March 30, 2023
9:32:07am

COUNTY : ST. LOUIS CITY BRIDGE : A3594 2 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : 4TH RTE THAT GOES 'UNDR' RUN DATE : 3/6/2023 SUBMITTAL YEAR : 2023

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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Bridge Inventory and Inspection System
Structural Inventory & Appraisal Sheet

March 30, 2023
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COUNTY : ST. LOUIS CITY BRIDGE : A3594 2 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : 3RD RTE THAT GOES 'UNDR' RUN DATE : 3/6/2023 SUBMITTAL YEAR : 2023

GENERAL STRUCTURE INFORMATION			ROUTE DESIGNATION INFORMATION		
1	State	MISSOURI	5A	Record Type	3RD RTE THAT GOES 'UNDR' Code : C
2	District	SL	5B	Route Signing Prefix	CST
3	County	ST. LOUIS CITY	5C	Designated Level of Service	MAINLINE
8	Federal ID No.	3004	5D	Route Number	00000
27	Year Built	1982	5E	Directional Suffix	NOT APPLICABLE
106	Year Reconstructed	0	7	Facility Carried	IS 64 W
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	LEFT	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	16307
	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	2.79 miles	109	AADT Truck Percent	5%
16	Latitude	38 D 37 M 56 S	114	Future AADT	
17	Longitude	90 D 14 M 17 S	115	Future AADT Year	
UNDERRECORD INFORMATION			STRUCTURE GEOMETRIC INFORMATION		
6	Features Intersected	CST VANDEVENTER AVE	10	Inventory Rte. Vert. Clear	39 Ft. 9 In.
42B	Type of Service Under	HIGHWAY-RAILROAD	19	By pass Detour Length	0.00 miles
28B	Lanes Under Structure	04	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	82 Ft. 8 In.
55B	Rt. Lat Clearance		48	Maximum Span Length	121 Ft. 1 In.
56	Left Lat Clearance		49	Structure Length	5,402 Ft. 11 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)	
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COUNTY : ST. LOUIS CITY BRIDGE : A3594 2 REVIEW STATUS : CONVERTED NBI STATUS : T
RECORD TYPE : 3RD RTE THAT GOES 'UNDR' RUN DATE : 3/6/2023 SUBMITTAL YEAR : 2023

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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
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95	Roadway Improve Cost	62	Culvert Cond. Rating
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97	Year of Cost Estimates	90	Gen. Insp Date
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Approved Posting Category		Field Posting Category	
Ton1 Ton2 Ton3		Ton1 Ton2 Ton3	
Tonnage Values for Posting Sign		Tonnage Values for Posting Sign	
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