

Bridge Summary Report

State Name (1): 40 - Oklahoma

Structure Number (8): 22041000000000

Inspection Date (90): November 2022

Identification and Location

Highway Agency District (2): 04 - Field Division 4

County Name (3): 109 - Oklahoma County

Place Code (4): 1815

Features Intersected (6A): I-235 UNDER

Facility Carried By Structure (7): HARRISON ST.

Location (9): 1.2 MI N OF I-40

Mile Point, miles (11): 0.276

Latitude, decimal (16): 35.47448

Longitude, decimal (17): -97.50816

Maintenance Responsibility (21): 1 - State Highway Agency

Owner (22): 1 - State Highway Agency

Year Built (27): 1988

Historical Significance Code (37): 5 - Not National Register eligible

Neighboring State Code (98A):

Neighboring State Percent Responsibility (98B): 0

Border Bridge Structure Number (99): _

Parallel Structure Designation Code (101): N - No parallel structure

Year Reconstructed (106): 0

Structure Type and Materials

Main Span Material (43A): 6 - Prestressed Concrete Continuous

Main Span Design (43B): 5 - Box Beam or Girders - Multiple

Approach Spans Material (44A): 0 - Other Material Main or N/A (No Ot ...

Approach Spans Design (44B): 0

Number of Spans in Main Unit (45): 2

Number of Approach Spans (46): 0

Deck Structure Type Code (107): 1 - Concrete Cast-in-Place

Wearing Surface Type Code (108A): 1 - Monolithic Concrete

Membrane Type Code (108B): 0 - None

Deck Protection Code (108C): 1 - Epoxy Coated Reinforcing

Dimensions and Clearances

Inventory Route - Minimum Vertical Clearance, ft. (10): "9999"

Approach Roadway Width, ft. (32): 68.9

Bridge Median Code (33): 0 - No Median

Skew Angle, degrees (34): 7

Structure Flared (35): 0 - No flare

Navigation Control Code (38): N - No waterway

Navigation Vertical Clearance, ft. (39): 0

Navigation Horizontal Clearance, ft. (40): 0

Inventory Route Total Horizontal Clearance, ft. (47): 74.1

Length of Maximum Span, ft. (48): 103

Structure Length, ft. (49): 183.1

Left Curb/Sidewalk Width, ft. (50A): 0

Right Curb/Sidewalk Width, ft. (50B): 5.9

Bridge Roadway Width Curb to Curb, ft. (51): 68.9

Deck Width - Out to Out, ft. (52): 76.1

Minimum Vertical Clearance Over Bridge Roadway, ft. (53): "9999"

Minimum Vertical Underclearance, ft. (54B): 17.2

Minimum Lateral Underclearance on Right, ft. (55B): 12.1

Minimum Lateral Underclearance on Left, ft. (56): 9.8

Pier Abutment Protection Code (111):

Minimum Vertical Clearance - Lift Bridge, ft. (116): 0

Deck Area, sq. ft.: 13934.5

Inspection

Inspection Date (90): November 2022

Designated Inspection Frequency (91): 24

Fracture Critical Details (92A): N Not needed

Underwater Inspection (92B): N Not needed

Other Special Inspection (92C): N

Fracture Critical Detail Date (93A):

Underwater Inspection Date (93B):

Other Special Inspection Date (93C):

Condition Rating and Evaluation

Bridge Railings (36A): 0 - Does not meet currently acceptable standa ...

Transitions (36B): 0 - Does not meet currently acceptable standards

Approach Guardrail (36C): 0 - Does not meet currently acceptable sta ...

Bridge Guardrail Ends (36D): 0 - Does not meet currently acceptable ...

Deck Condition Rating (58): 6 - Satisfactory Condition

Superstructure Condition Rating (59): 6 - Satisfactory Condition

Substructure Condition Rating (60): 6 - Satisfactory Condition

Channel and Channel Protection Condition Rating (61): N - Not over w ...

Culverts Condition Rating (62): N - Not a culvert

Structural Evaluation Appraisal (67): 6 - Equal to Present Minimum C ...

Deck Geometry Appraisal (68): 5 - Better Than Minimum Adequacy

Underclearance Appraisal Vertical and Horizontal (69): 6 - Equal to ...

Waterway Adequacy Appraisal (71): N - N/A

Approach Alignment Appraisal (72): 8 - Equal to Present Desirable Cr ...

Scour Critical Bridges Code (113): N - Bridge not over waterway

Load Rating and Posting

Design Load Descriptor (31): 5 - MS 18 / HS 20

Structure Operational Status Code (41): A - Open

Operating Rating Method Code (63): 1 - Load Factor(LF)

Operating Rating, US tons (64): 49.1

Inventory Rating Method Code (65): 1 - Load Factor(LF)

Inventory Rating, US tons (66): 36

Bridge Posting Code (70): 5 - Equal to or above legal loads

Traffic and Roadway Data

Record Type (5A): 1 - On Structure

Route Signing Prefix Code (5B): 5 - City Street

Designated Level of Service Code (5C): 1 - Mainline

Route Number (5D): 00000

Directional Suffix Code (5E): 0 - Not Applicable

Base Highway Network (12): 0 - Not on Base Network

Bypass or Detour Length, miles (19): 3.1

Toll Status (20): 3 - On Free Road

Functional Class Of Inventory Route (26): 16 - Urban Minor Arterial

Lanes On the Structure (28A): 5

Lanes Under the Structure (28B): 8

Average Daily Traffic (29): 2,000

Year of Average Daily Traffic (30): 2020

Type of Service on Bridge Code (42A): 5 - Highway-pedestrian

Type Of Service Under Bridge Code (42B): 1 - Highway, with or without ...

STRAHNET Highway Designation (100): 0 - Not STRAHNET

Direction of Traffic Code (102): 2 - 2 - way traffic

Inventory Route NHS Code (104): 0 - Not on NHS

Federal Lands Highways Code (105): 0 - N/A

Average Daily Truck Traffic (Percent ADT) (109): 5

Designated National Truck Network Code (110): 0 - Not on National Tr ...

Future Average Daily Traffic (114): 3,200

Year of Future Average Daily Traffic (115): 2040

MPO, Political Districts, and Cities

Metropolitan Planning Organization (MPO): 40196500 - Association of Central Oklahoma Gover ...

U.S. Congressional District: 05 - Congressional District 5

State Senate District: 048 - State Senate District 48

State House District: 099 - State House District 99

City (InfoBridge Place Code-Name): 55000 - Oklahoma City city