

Bridge Summary Report

State Name (1): 38 - North Dakota

Structure Number (8): 0094152329 L

Inspection Date (90): April 2021

Identification and Location
Highway Agency District (2): 61 - Bismarck
County Name (3): 059 - Morton County
Place Code (4): 49900
Features Intersected (6A): SUNSET DR/NW MANDAN INT.
Facility Carried By Structure (7): INTERSTATE 94
Location (9): 5 EAST OF ND 25
Mile Point, miles (11): 152.296
Latitude, decimal (16): 46.845
Longitude, decimal (17): -100.90667
Maintenance Responsibility (21): 1 - State Highway Agency
Owner (22): 1 - State Highway Agency
Year Built (27): 1964
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): L - Left of set in opposite d ...
Year Reconstructed (106): 1985

Structure Type and Materials
Main Span Material (43A): 4 - Steel Continuous
Main Span Design (43B): 2 - Stringer/Multi-beam or Girder
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): 3
Number of Approach Spans (46): 0
Deck Structure Type Code (107): 1 - Concrete Cast-in-Place
Wearing Surface Type Code (108A): 4 - Low slump Concrete
Membrane Type Code (108B): 0 - None
Deck Protection Code (108C): 0 - None

Dimensions and Clearances
Inventory Route - Minimum Vertical Clearance, ft. (10): "9999"
Approach Roadway Width, ft. (32): 38.1
Bridge Median Code (33): 0 - No Median
Skew Angle, degrees (34): 36
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): 37.1
Length of Maximum Span, ft. (48): 60
Structure Length, ft. (49): 166
Left Curb/Sidewalk Width, ft. (50A): 0
Right Curb/Sidewalk Width, ft. (50B): 0
Bridge Roadway Width Curb to Curb, ft. (51): 37.1
Deck Width - Out to Out, ft. (52): 43
Minimum Vertical Clearance Over Bridge Roadway, ft. (53): "9999"
Minimum Vertical Underclearance, ft. (54B): 14.3
Minimum Lateral Underclearance on Right, ft. (55B): 1.6
Minimum Lateral Underclearance on Left, ft. (56): "000"
Pier Abutment Protection Code (111):
Minimum Vertical Clearance - Lift Bridge, ft. (116):
Deck Area, sq. ft.: 7135

Inspection
Inspection Date (90): April 2021
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): 1 - Meets currently acceptable standards
Transitions (36B): 1 - Meets currently acceptable standards
Approach Guardrail (36C): 1 - Meets currently acceptable standards
Bridge Guardrail Ends (36D): 1 - Meets currently acceptable standard ...
Deck Condition Rating (58): 8 - Very Good Condition
Superstructure Condition Rating (59): 7 - Good Condition
Substructure Condition Rating (60): 7 - Good Condition
Channel and Channel Protection Condition Rating (61): N - Not over w ...
Culverts Condition Rating (62): N - Not a culvert
Structural Evaluation Appraisal (67): 7 - Better Than Present Minim ...
Deck Geometry Appraisal (68): 5 - Better Than Minimum Adequacy
Underclearance Appraisal Vertical and Horizontal (69): 3 - Intolerab ...
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): 64.2
Inventory Rating Method Code (65): 1 - Load Factor(LF)
Inventory Rating, US tons (66): 38.4
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): 1 - Interstate Highway
Designated Level of Service Code (5C): 1 - Mainline
Route Number (5D): 00094
Directional Suffix Code (5E): 4 - West
Base Highway Network (12): 1 - On Base Network
Bypass or Detour Length, miles (19): 65.9
Toll Status (20): 3 - On Free Road
Functional Class Of Inventory Route (26): 11 - Urban Principal Arter ...
Lanes On the Structure (28A): 2
Lanes Under the Structure (28B): 4
Average Daily Traffic (29): 6,350
Year of Average Daily Traffic (30): 2019
Type of Service on Bridge Code (42A): 6 - Overpass structure at inte ...
Type Of Service Under Bridge Code (42B): 1 - Highway, with or withou ...
STRAHNET Highway Designation (100): 1 - Interstate STRAHNET
Direction of Traffic Code (102): 1 - 1 - way traffic
Inventory Route NHS Code (104): 1 - On NHS
Federal Lands Highways Code (105): 0 - N/A
Average Daily Truck Traffic (Percent ADT) (109): 10
Designated National Truck Network Code (110): 1 - On National Truck ...
Future Average Daily Traffic (114): 6,350
Year of Future Average Daily Traffic (115): 2039

MPO, Political Districts, and Cities
Metropolitan Planning Organization (MPO): 38198201 - Bismarck-Mandan MPO
U.S. Congressional District: 00 - Congressional District (at Large)
State Senate District: 031 - State Senate District 31
State House District: 031 - State House District 31
City (InfoBridge Place Code-Name): 49900 - Mandan city

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