Inspection Report for Structure

Bridge Data

Identification data

Bridge Number (B.ID.01):
Agency Bridge ID:
Bridge Name (B.ID.02):
Bridge Nickname:

Latitude:
Longitude:
Administrative Jurisdiction:
Inspection Area:
Report to FHWA:
SNBI Length:

Inspection Condition

Bridge Condition Classification (B.C.12):
Lowest Condition Rating (B.C.13):
Deck (B.C.01):
Superstructure (B.C.02):
Substructure (B.C.03):
Culvert (B.C.04):
Railing (B.C.05):
Railing Transition (B.C.06):
Bearing (B.C.07):
Joints (B.C.08):

Other Condition Ratings

Channel (B.C.09):
Channel Protection (B.C.10):
Scour (B.C.11):
NSTM Inspection Condition (B.C.14):
Underwater Inspection (B.C.15):

Appraisal

Appr Roadway Alignment (B.AP.01):
Overtopping Likelihood (B.AP.02):

Scour Vulnerability (B.AP.03):
Scour Plan of Action (B.AP.04):
Seismic Vulnerability (B.AP.05):

Bridge notes

Bridge notes:

Bridge Data

Location data

State Code (B.L.01):
County Code (B.L.02):
Place Code (B.L.03):
Highway Agency District (B.L.04):
Metro Planning Org 1 (B.L.12):
Foreman Area (State Only):
Bridge Location (B.L.11):

Classification data

Owner (B.CL.01):
Maintenance Responsibility (B.CL.02):
Federal or Tribal Land Access (B.CL.03):
Historical Significance (B.CL.04):
Toll (B.CL.05):
Emergency Evac Designation (B.CL.06):

Construction data

Year Built (B.W.01):
Year Programmed:
Design Load (B.LR.01):
Design Method (B.LR.02):
Drawing Number:
Project Key:
Design Engineer of Record:
Design Firm:

Geometry data

NBIS Bridge Length (B.G.01):
Total Bridge Length (B.G.02):
Report Bridge to FHWA:
Maximum Span Length (B.G.03):
Minimum Span Length (B.G.04):
Bridge Width Out-to-Out (B.G.05):
Bridge Width Curb-to-Curb (B.G.06):
Left Curb or Sidewalk Width (B.G.07)
Right Curb or Sidewalk Width (B.G.08):
Approach Roadway Width (B.G.09):
Bridge Median (B.G.10):
Skew (B.G.11):
Curved Bridge (B.G.12):
Maximum Bridge Height (B.G.13):
Sidehill Bridge (B.G.14):
Irregular Deck Area (B.G.15):
Calculated Deck Area (B.G.16):

Railings and Transitions

Railings (B.RH.01):
Transitions (B.RH.02):

Design Data

Superstructure set data

Type:

Number of Spans (B.SP.02):
Number of Beam Lines (B.SP.03):
Span Material (B.SP.04):
Span Continuity (B.SP.05):
Span Type (B.SP.06):
Span Protective System (B.SP.07):
Deck Interaction (B.SP.08):
Deck Material & Type (B.SP.09):
Wearing Surface (B.SP.10):
Deck Protective System (B.SP.11):
Deck Reinforcing Protective System (B.SP.12):
Deck Stay-in-Place Forms (B.SP.13):

Substructure set data

Type:

Number of Sub Units (B.SB.02):
Substructure Material (B.SB.03):
Substructure Type (B.SB.04):
Substructure Protective System (B.SB.05):
Foundation Type (B.SB.06):
Foundation Protective System (B.SB.07):

Feature Data

Feature Name (B.F.03):

Feature Type (B.F.01):

Feature Location (B.F.02):

Route Information

Designation (B.RT.01)	Route Number (B.RT.02)	Route Direction (B.RT.03)	Route Type (B.RT.04)	Service Type (B.RT.05)

Highway Information

LRS Route ID (B.H.06):

LRS Mile Point (B.H.07):

LRS Measure:

Agency Mile Post (State System Only):

Lanes on Highway (B.H.08):

Route Speed:

Bypass Average Speed:

Functional Classification (B.H.01):

Urban Code (B.H.02):

NHS Designation (B.H.03):

National Highway Freight Network (B.H.04):

STRAHNET Designation (B.H.05):

Bypass Detour Length (B.H.17):

Lanes on Bypass:

AADT

AADT (B.H.09):

Year of AADT (B.H.11):

Directional Percentage:

AADTT (B.H.10):

Percent Truck Traffic:

Clearances

Highway Maximum Usable Vertical Clearance (B.H.12):

Highway Minimum Vertical Clearance (B.H.13):

Highway Minimum Horizontal Clearance, Right (B.H.15):

Highway Maximum Usable Surface Width (B.H.16):

Feature Name (B.F.03):

Feature Type (B.F.01):

Feature Location (B.F.02):

Waterway Details

Navigable Waterway (B.N.01):

Navigation Minimum Vertical Clearance (B.N.02):

Movable Bridge Maximum Navigation Vertical Clearance (B.N.03):

Navigable Channel Width (B.N.04):

Navigation Channel Minimum Horizontal Clearance (B.N.05):

Substructure Navigation Protection (B.N.06):

Feature Name (B.F.03):

Feature Type (B.F.01):

Feature Location (B.F.02):

Environmental

Environmental Concerns: ☐

Environmental Concern Notes:

Inspection Data

Inspection Notes

Inspection Notes (B.IE.11):

Agency Inspection Notes:

ROADWAY APPROACHES:

WINGWALLS:

CHANNEL:

SIDEWALKS/CURBS:

SIGNS:

GUARDRAIL:

UTILITIES:

NOTES:

OTHER INSPECTIONS PERFORMED:

SCOUR REVIEW:

INSPECTION INTERVAL:

WORK ACCOMPLISHED:

LOAD RATING:

Load Rating & Posting

Reason for Load Rating:
Load Rater:
Checker:
Quality Control Engineer:
Design Load (B.LR.01):
Design Method (B.LR.02):
Rating Based On:
Load Rating Category:
Load Rating Method (B.LR.04):
Analysis Status:

Load Rating Date (B.LR.03):
Software Used:
Secondary Software:
Asphalt Thickness:
Concrete Thickness:
Granular Thickness:
Timber Thickness:
Max WS for Load Capacity:
Fast Act Vehicle:

Bridge Load Rating Summary

Inventory Rating Factor (B.LR.05):
Operating Rating Factor (B.LR.06):
Controlling Legal Rating Factor (B.LR.07):
Operating Routine Permit Loads (B.LR.08):
129 Route:

Bridge Factor:
Route Color:
Controlling Vehicle:
Event used by ITD for Operating:
129 Map Color:

Posting

Required	Current

Load Posting Status History

Posting Status Change Date (B.PS.02)	Open/Posted/ Closed	Perm/Temp/Supported	Load Posting Status (B.PS.01)

Other Restrictions

Posted Single Lane All Vehicles:
Required Vertical Clearance Posting (ft):

Posted Single Lane Trucks:
Actual Vertical Clearance Posting (ft):

Procedures & Equipment

Procedures

IsCompleted	NAME	Description
☐		
☐		

Procedure Notes

Equipment

Equipment Name	CODE	HOURS	DESCRIPTION

Equipment Notes

Inspection Schedule

Inspection Details

Summary

Inspection Completion Date (B.IE.03):

Entered by:

Date Entered:

QC Date (B.IE.08):

QA Date (B.IE.09):

Inspection Data Update Date (B.IE.10):

Inspection Needs

NSTM Inspection Required (B.IR.01):

Fatigue Details (B.IR.02):

Complex Features (B.IR.04):

Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Date	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)
	☐	☐					
	☐	☐					
	☐	☐					
	☐	☐					

Work History & Needs

SCHEDULED/COMPLETED PROJECTS

Work History

Year Work Performed (B.W.02)	**Work Performed (B.W.03)**	**Description**

Work Candidates