



# Historic Bridge Inspection Report

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<b>Bridge Name:</b>			
<b>Bridge Trip Ordering Number:</b>		<b>Inspection Date:</b>	

## General Bridge Information and Conditions

<b>Facility(s) Carried:</b>  Surface Type:    Gravel/Dirt    Hard    Railroad	<b>Feature(s) Intersected:</b>  
<b>Main Span Type:</b>  Main Span #: 1    2    3    4 More:	<b>Approach Span Type:</b>  Approach Span #: None    1    2    3 4 More:

<b>Superstructure Condition:</b> Failed (Bridge Collapsed) Partial Failure (Bridge Standing) Critical/Risk of Failure Poor Fair Good Like New Notes:	<b>Substructure Condition:</b> Failed (Bridge Collapsed) Partial Failure (Still Holding Bridge) Critical/Risk of Failure Poor Fair Good Like New Notes:	<b>Deck Condition:</b> Deck Removed Failed Critical/Risk of Failure Poor Fair Good Like New Notes:
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<b>Bridge Deck Width (Lanes/Tracks):</b> 1    2    3    4 More:	<b>Deck Width Leading Up To Bridge (Lanes):</b> 1    2    3    4 More:
<b>Sidewalks:</b> Number: 0    1    2    3    Other: Cantilevered,    Integrated	<b>Water Adequacy:</b> Scour Observed Evidence Of Floodwater Reaching Bridge

<p><b>Railing/Guardrail:</b> Present:                  Original    Non-Original                  Are Any Crash-Resistant?                  Yes    No                  Do Any Protect The Superstructure?                  Yes    No    N/A                  Sidewalk Bridge Railings Present:                  Original    New/Modern</p>	<p><b>Bearing Type:</b>                  Roller Nest    Rocker    Not Observed                  Other/Unknown: Notes:                  Condition:                  Clean                  Significant Dirt Buildup                  Significant Dislocation                  Unknown/Not Observed</p>
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**Specific Conditions (When Applicable)**

<p><b>Concrete Superstructure or Railings:</b>                  Spalling    Cracking    Delaminating</p>	<p><b>Observed Metal Conditions:</b>    Major Section Loss,                  Pack Rust                  Notes:</p>
<p><b>Movable Bridge:</b>                  Operating,    Not Operating,                  Machinery Removed                  Original Electrical/Mechanical Systems In Use                  Original Bridgetender Building                  Bridgetender Building Shows Heavy                  Alterations</p>	<p><b>Elements Beyond Repair:</b>                  Entire Bridge    Large Percentage    Medium                  Percentage    Small Percentage    None                  Notes / Replication Recommendations:</p>
<p><b>Fastener:</b> Primary/Connection Type:                  Welds,    Rivets,    Bolts                  Secondary/Beam Fastener Type:                  Welds,    Rivets,    Bolts                  Altered Fastener Type:                  Welds,    Rivets,    Bolts</p>	<p><b>Metal Bridges Paint Condition:</b>                  New,    Fair,    Poor,    None                  Possible Lead Paint Risk (Paint Age):    Yes    No                  Unknown</p>
<p><b>Noted Vehicular Damage To Bridge:</b>                  Portal. Notes:                  Railing. Notes:                  Superstructure. Notes:                  Substructure. Notes:                  Other. Notes:</p>	<p><b>Moisture Risk Assessment:</b>                  No Problems Observed                  Drainage Blocked. Notes:                  No Drainage/Drainage Needed                  Dirt Buildup                  Plants Growing In Deck</p>
<p><b>Truss Bridges:</b>                  Eyebars:    Loop-Forged    Up-Set                  Bottom Chord Connection Quality:                  Severe Loss,    Moderate/Average Loss,                  Little/No Loss                  Major Alterations:                  Floor beams:    All    Some                  Connections:    All    Some                  Turnbuckles:    All    Some                  Verticals:    All    Some                  Diagonals:    All    Some</p>	<p><b>Concrete:</b>                  Map Cracking:                  Widespread    Isolated                  Severe    Moderate    Little/None                  Delamination:                  Widespread    Isolated                  Severe    Moderate    Little/None                  Spalling:                  Widespread    Isolated                  Severe    Moderate    Little/None</p>

Sway/Portal Bracing: All Some
End Posts: All Some
Notes:

**Sufficiency / Demolition Risk Assessment**

<p><b>Risk of NBI Functionally Obsolete Determination:</b></p> <p>Low Medium High Confirmed</p> <p>Correction Feasibility (Current Use):</p> <p>Low Medium High</p>	<p><b>Risk of NBI Structurally Deficient Determination:</b></p> <p>Low Medium High Confirmed</p> <p>Correction Feasibility (Current Use):</p> <p>Low Medium High</p>
<p><b>Evidence of Repair/Replacement Plans:</b></p> <p>None, Pink Flags Inspection Marks, Construction On Bridge Construction Next To Bridge Signage, Recent Bridge Closure, Flagged/New Weight Limit Signs</p>	<p><b>Traffic Volume:</b></p> <p>Closed: Abandoned, Overgrown Closed Nearly None Low Medium High Congested (Traffic Backed Up At Or On Bridge) Truck Traffic Observed: None, One - Some, Heavy</p>
<p><b>Caretaking (Preventative Maintenance)</b></p> <p>Bridge shows signs of care/maintainance.</p> <p>Paint Deck Superstructure Substructure Patching Other</p> <p>Bridge shows signs of neglect.</p> <p>Paint Deck Super/substructure Substructure Patching Other</p>	<p><b>Approach Roadway Alignment:</b></p> <p>Horizontal Problems Trivial Significant Vertical Problems Trivial Significant No Problems</p> <p>Notes:</p>

**Historic Significance / Integrity**

<p><b>Superstructure Alterations Observed:</b></p> <p>None, Historically Sensitive, Insensitive Flooring System Widened Other, Describe:</p>	<p><b>Substructure Alterations Observed:</b></p> <p>None, Historically Sensitive, Insensitive Describe:</p>
<p><b>Bridge Plaques:</b></p> <p>Commissioner, Builder, State Standard, No Plaques. Missing Plaques/ Plaque Scars. Repair/Rehab Plaques Present.</p>	<p><b>Bridge Still Functions As Originally Designed?</b></p> <p>Yes, No Notes:</p>

<p><b>Surrounding Area:</b>                  Confirmed Historic District                  Contains Historic District Qualities                  Possibly Contains Historic District Qualities                  No Historic District Qualities</p>	<p><b>Remains of Previous Bridge(s):</b>                  Present: Integrated                  Present: Beside Bridge                  Unknown/Possible. Notes:                  None Observed</p>
<p><b>Location:</b>                  Appears To Be Original. Notes:                  Possibly Relocated. Notes:                  Proof of Relocation. Notes:</p>	<p><b>Aesthetics:</b>                  Gateway function.                  Location in pristine natural setting.                  Non-Structural Decorations/Ornamentation</p>
<p><b>Photo Checklist:</b> Portal, Oblique/Beside Bridge, Elevation Under, Substructure, Details</p>	<p><b>Truss Details:</b> Top Connections Bottom Connections                  Turnbuckles, Metal Brands, Member, Chord, Post</p>

**Conclusions**

Note: Field observation is usually the first step in a multi-step historic bridge assessment process. These initial recommendations are based only on field observations and may change upon further consultation and research following the field observation.

<p><b>Local Historic Significance Rating Recommendation:</b></p> <p>0 1 2 3 4 5 6 7 8 9 10</p>	<p><b>National Historic Significance Rating Recommendation:</b></p> <p>0 1 2 3 4 5 6 7 8 9 10</p>
<p><b>Work Priority:</b>                  Full Restore Immediately                  Continue Maintenance and Plan Future Full Restore,                  Continue/Begin Maintenance                  Notes:</p>	<p><b>Initial Recommended Use/Reuse:</b>                  Continued Vehicular Use.                  Restored For Non-Motor.                  Relocate For Non-Motor.                  Bypass/Restore For Non-Motor.                  Non-Functional Exhibit.                  Retrofit or render structure decorative.                  Abandon completely: Leave standing, do not demolish.                  Salvage: Non-bridge reuse, or use of portions of bridge.</p>

<b>Re-Inspection Required?</b> Yes    No Bridge Obstructed By Foliage Repairs In Progress Poor Weather Better Sun Position Needed ( AM, Noon, PM) Other: Notes:	<b>National Register Eligibility:</b> Listed Eligible Appears Eligible Appears Not Eligible Not Eligible Unknown Criterion:    A    B    C Notes:
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