



Historic Bridge Inspection Report

www.historicbridges.org

Bridge Name:	Dorrington Road Bridge		
Bridge Trip Ordering Number:		Inspection Date:	7/10/09

General Bridge Information and Conditions

Facility(s) Carried: Surface Type: <input type="checkbox"/> Gravel <input checked="" type="checkbox"/> Hard	Feature(s) Intersected: Robinson Run
Main Span Type: Main Span #: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> More:	Approach Span Type: Approach Span #: <input checked="" type="checkbox"/> None <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> More:

Superstructure Condition: <input type="checkbox"/> Failed <input type="checkbox"/> Critical/Risk of Failure <input type="checkbox"/> Poor <input type="checkbox"/> Fair <input checked="" type="checkbox"/> Good <input type="checkbox"/> Like New Notes: Bottom chord is fair/poor.	Substructure Condition: <input type="checkbox"/> Failed <input type="checkbox"/> Critical/Risk of Failure <input type="checkbox"/> Poor <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Like New Notes:	Deck Condition: <input type="checkbox"/> Deck Removed <input type="checkbox"/> Failed <input type="checkbox"/> Critical/Risk of Failure <input checked="" type="checkbox"/> Poor <input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Like New Notes:
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Bridge Deck Width (Lanes): <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> More:	Deck Width Leading Up To Bridge (Lanes): <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> More: 1 lane with switchbacks
Sidewalks: Number: <input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> Other: <input type="checkbox"/> Cantilevered, <input type="checkbox"/> Integrated	Water Adequacy: <input type="checkbox"/> Scour Observed <input type="checkbox"/> Evidence Of Floodwater Reaching Bridge

<p>Railing/Guardrail: Present: <input checked="" type="checkbox"/> Original <input type="checkbox"/> Non-Original Are Any Crash-Resistant? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Do Any Protect The Superstructure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Sidewalk Bridge Railings Present: <input type="checkbox"/> Original <input type="checkbox"/> New/Modern</p>	<p>Bearing Type: <input type="checkbox"/> Roller Nest <input type="checkbox"/> Rocker <input type="checkbox"/> Not Observed <input checked="" type="checkbox"/> Other/Unknown: Notes: Appeared to be roller. Condition: <input type="checkbox"/> Clean <input checked="" type="checkbox"/> Significant Dirt Buildup <input type="checkbox"/> Significant Dislocation <input type="checkbox"/> Unknown/Not Observed</p>
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Specific Conditions (When Applicable)

<p>Concrete Superstructure or Railings: <input type="checkbox"/> Spalling <input type="checkbox"/> Cracking <input type="checkbox"/> Delaminating</p>	<p>Observed Metal Conditions: <input type="checkbox"/> Major Section Loss, <input checked="" type="checkbox"/> PackRust</p>
<p>Movable Bridge: <input type="checkbox"/> Operating, <input type="checkbox"/> Not Operating, <input type="checkbox"/> Machinery Removed</p>	<p>Metal Bridges Paint Condition: <input type="checkbox"/> New, <input checked="" type="checkbox"/> Fair, <input type="checkbox"/> Poor, <input type="checkbox"/> None Possible Lead Paint Risk (Paint Age): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown</p>
<p>Fastener: Primary/Connection Type: <input type="checkbox"/> Welds, <input checked="" type="checkbox"/> Rivets, <input type="checkbox"/> Bolts Secondary/Beam Fastener Type: <input type="checkbox"/> Welds, <input type="checkbox"/> Rivets, <input type="checkbox"/> Bolts Altered Fastener Type: <input type="checkbox"/> Welds, <input type="checkbox"/> Rivets, <input type="checkbox"/> Bolts</p>	<p>Truss Bridges: <input type="checkbox"/> Eyebars: <input checked="" type="checkbox"/> Loop-Forged <input type="checkbox"/> Up-Set <input type="checkbox"/> Original Floor beams: <input checked="" type="checkbox"/> All <input type="checkbox"/> Some Bottom Chord Connection Quality: <input type="checkbox"/> Severe Loss, <input checked="" type="checkbox"/> Moderate/Average Loss, <input type="checkbox"/> Little/No Loss</p>
<p>Noted Vehicular Damage To Bridge: <input type="checkbox"/> Portal. Notes: <input type="checkbox"/> Railing. Notes: <input type="checkbox"/> Superstructure. Notes: <input type="checkbox"/> Substructure. Notes: <input type="checkbox"/> Other. Notes:</p>	<p>Moisture Risk Assessment: <input type="checkbox"/> No Problems Observed <input type="checkbox"/> Drainage Blocked. Notes: <input type="checkbox"/> No Drainage/Drainage Needed <input checked="" type="checkbox"/> Dirt Buildup <input type="checkbox"/> Plants Growing In Deck</p>

Sufficiency / Demolition Risk Assessment

<p>Risk of NBI Functionally Obsolete Determination: <input type="checkbox"/> Low <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High <input type="checkbox"/> Confirmed Correction Feasibility (Current Use): <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High</p>	<p>Risk of NBI Structurally Deficient Determination: <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High <input checked="" type="checkbox"/> Confirmed Correction Feasibility (Current Use): <input type="checkbox"/> Low <input type="checkbox"/> Medium <input checked="" type="checkbox"/> High</p>
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Evidence of Repair/Replacement Plans:

None,
 Pink Flags
 Inspection Marks,
 Construction On Bridge
 Construction Next To Bridge
 Signage,
 Recent Bridge Closure,
 Flagged/New Weight Limit Signs

Traffic Volume:

Closed: Abandoned, Overgrown
 Closed
 Nearly None
 Low
 Medium
 High
 Congested (Traffic Backed Up At Or On Bridge)
 Truck Traffic Observed: None, One - Some,
 Heavy

Caretaking (Preventative Maintenance)

Bridge shows signs of care/maintainance.
 Paint Deck Super/substructure
 Substructure Patching Other
 Bridge shows signs of neglect.
 Paint Deck Super/substructure
 Substructure Patching Other

Approach Roadway Alignment:

Horizontal Problems Trivial Significant
 Vertical Problems Trivial Significant
 No Problems
 Notes:
 Bridge is at 90 deg angle to road at one end, but this road has tight switchbacks leading to the bridge so this is not noteworthy.

Historic Significance / Integrity

Superstructure Alterations Observed:

None, Historically Sensitive, Insensitive
 Flooring System Widened Other, Describe:

Substructure Alterations Observed:

None, Historically Sensitive, Insensitive
 Describe:

Bridge Plaques:

Commissioner, Builder, State Standard, No Plaques.
 Missing Plaques/ Plaque Scars.
 Repair/Rehab Plaques Present.

Bridge Still Functions As Originally Designed?

Yes, No
 Notes:

Surrounding Area:

Confirmed Historic District
 Contains Historic District Qualities
 Possibly Contains Historic District Qualities
 No Historic District Qualities

Remains of Previous Bridge(s):

Present: Integrated
 Present: Beside Bridge
 Unknown/Possible. Notes:
 None Observed

Location:

Appears To Be Original. Notes:
 Possibly Relocated. Notes:
 Proof of Relocation. Notes:

Aesthetics:

Gateway function.
 Location in pristine natural setting.

Photo Checklist: Portal, Oblique/Beside Bridge,
 Elevation Under, Substructure, Details

Truss Details: Top Connections Bottom Connections
 Turnbuckles, Metal Brands, Member, Chord, Post

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>Local Historic Significance Rating Recommendation:</p> <p><input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input checked="" type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10</p>	<p>National Historic Significance Rating Recommendation:</p> <p><input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input checked="" type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10</p>
<p>Work Priority:</p> <p><input checked="" type="checkbox"/> Full Restore Immediately</p> <p><input type="checkbox"/> Continue Maintenance and Plan Future Full Restore,</p> <p><input type="checkbox"/> Continue/Begin Maintenance</p> <p>Notes:</p>	<p>Initial Recommended Use/Reuse:</p> <p><input checked="" type="checkbox"/> Continued Vehicular Use.</p> <p><input type="checkbox"/> Restored For Non-Motor.</p> <p><input checked="" type="checkbox"/> Relocate For Non-Motor.</p> <p><input type="checkbox"/> Bypass/Restore For Non-Motor.</p> <p><input checked="" type="checkbox"/> Non-Functional Exhibit.</p> <p><input checked="" type="checkbox"/> Retrofit or render structure decorative.</p> <p><input type="checkbox"/> Abandon completely: Leave standing, do not demolish.</p> <p><input type="checkbox"/> Salvage: Non-bridge reuse, or use of portions of bridge.</p>
<p>Re-Inspection Required? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Bridge Obstructed By Foliage</p> <p><input type="checkbox"/> Repairs In Progress</p> <p><input type="checkbox"/> Poor Weather</p> <p><input type="checkbox"/> Better Sun Position Needed (<input type="checkbox"/> AM, <input type="checkbox"/> Noon, <input type="checkbox"/> PM)</p> <p><input type="checkbox"/> Other:</p> <p>Notes:</p>	<p>National Register Eligibility:</p> <p><input checked="" type="checkbox"/> Listed</p> <p><input type="checkbox"/> Eligible</p> <p><input type="checkbox"/> Appears Eligible</p> <p><input type="checkbox"/> Appears Not Eligible</p> <p><input type="checkbox"/> Not Eligible</p> <p><input type="checkbox"/> Unknown</p> <p>Criterion: <input type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C</p> <p>Notes:</p>

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