

Minnesota Bridge Inventory 1955-1970

Bridge Number: SHPO Inventory Number: Bridge Name:

Location Data:

Mn/DOT District: County: Bridge Owner:

Feature Intersected: Facility Carried: Location:

USGS Quadrangle: UTM_Zone: UTM_Easting: UTM_Northing:

Township: Range: Section: QTR: QTR-QTR: QTR-QTR-QTR:

Structural Data:

Bridge Type: Mn/DOT Main Span Type Code:

Maximum Span Length (feet): Number of Main Spans: Structure Length (feet):

Year Built: Skew (degrees): Number of Approach Spans:

Design and Construction Data:

Engineering Firm: Engineer:

Fabricator: Contractor:

Architectural Treatments:

Alterations and Integrity:

Additional Bridge Details:

Pennsylvania thru-truss is an uncommon bridge form in Minnesota. The bridge was previously determined not eligible and was reevaluated in the Minnesota Bridge Survey, 1955-1970 due to the expanded historic context for bridges constructed during the subject period.

Bridge Plaque:

1. Dominion Bridge Co, Ltd Winnipeg 1959
2. International Boundary Line

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National Register of Historic Places Evaluation:

Statement of Significance: Bridge 9412, which crosses the Rainy River, is a significant example of major river crossings in Minnesota. This bridge represents an initiative to improve and expand transportation networks in the region, opening new areas in Minnesota to economic development.

Bridge 9412 also demonstrates significance as an international crossing. As the first structure located at this crossing, this bridge was part of transportation initiatives by local proponents to connect Minnesota and Canada by providing an additional point of entry that relieved congestion at established border crossings, connected important market or industrial routes to Ontario, and expanded recreation and tourism.

This bridge is significant as a Pennsylvania thru-truss, an uncommon bridge type in Minnesota. The Pennsylvania thru-truss was commonly used nationally for railroads but rarely in Minnesota as Pratt and Warren truss types dominated. Bridge 9412 is the only one of three extant examples of a Pennsylvania thru-truss bridges in Minnesota and the only extant example during the study period.

The bridge does not exhibit physical alterations and it retains its historic integrity of location, design, materials, workmanship, setting, feeling, and association.

This bridge is eligible for listing in the National Register of Historic Places under Criterion A in the area of Transportation at the state level of significance. This bridge is also eligible for listing in the National Register of Historic Places under Criterion C in the area of Engineering at the state level of significance.

National Register Property Category:

National Register Property Subcategory:

Historic Context:

Level of Significance:

National Register Determination:

National Register Determination Date:

Surveyor:

Date Surveyed:

Sources: "Bridge 9412" files. Available at Minnesota Department of Transportation, St. Paul, Minn.
Mead & Hunt, Inc. "Minnesota Bridges: 1956-1970: Politics, Policies, Technology and Design historic context" in *Minnesota Bridges, 1955-1970*. Prepared for Minnesota Department of Transportation. 2011.
Minnesota Department of Transportation. *Bridge Inventory Database*. June 2009.
Minnesota Department of Transportation. *Bridge Inspection File Records*. Located at Mn/DOT Bridge Office.
Parsons Brinckerhoff and Engineering and Industrial Heritage. *A Context for Common Historic Bridge Types, NCHRP Project 25-25, Task 15*. [Washington, D.C.]: National Cooperative Highway Research Program, Transportation Research Board, October 2005.

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Photographs:

