

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:

Limited decorative pier treatment; substructure beams have end blocks; no fabrication marks, etc. visible; original rail extant; 1970 and 1977: deck repair/overlays only, no changes to superstructure through early 90s; solid concrete barrier between lanes; encased base of interior pier.

Bridge Plaque:

1. Minnesota Highway Dept Bridge No 9177 1958
2. Federal Aid Project FAI 391-3-11 Minnesota 1958

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National Register of Historic Places Evaluation:

Statement of Significance: Built in 1958, Bridge 9177 is significant as an example of the earliest period of use and evolution for prestressed concrete girder in Minnesota. Prestressed concrete represents a significant advance in construction materials and was first used by the Minnesota Highway Department in 1957. Prestressed concrete continued to be a prominent bridge building material.

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 C in the area of Engineering at the state level of significance. However, this bridge is recommended not eligible for the National Register under Criterion A as it does not have a direct and significant association with an important historic transportation system, program, or policy identified through contextual research.

National Register Property Category: National Register Property Subcategory:
Historic Context: Level of Significance:
National Register Determination: National Register Determination Date:
Surveyor: Date Surveyed:

Sources: 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:

