## Minnesota Bridge Inventory 1955-1970

<table>
<thead>
<tr>
<th>Bridge Number:</th>
<th>9177</th>
<th>SHPO Inventory Number:</th>
<th>MW-AUS-101</th>
<th>Bridge Name:</th>
</tr>
</thead>
</table>

### Location Data:

- **Mn/DOT District:** 06  
- **County:** Mower  
- **Bridge Owner:** State  
- **Feature Intersected:** I 90  
- **Facility Carried:** MSAS 144  
- **Location:** 3.9 MI W OF E JCT TH 218  
- **USGS Quadrangle:** Austin East  
- **UTM Zone:** 15E  
- **UTM Northing:** 4835884.4975  
- **UTM Easting:** 503523.56  
- **Township:** 103  
- **Range:** 18W  
- **Section:** 35  
- **QTR:** SE  
- **QTR-QTR:** SW  
- **QTR-QTR-QTR:**  

### Structural Data:

- **Bridge Type:** Prestressed concrete stringer/multi-beam or girder  
- **Mn/DOT Main Span Type Code:** 502  
- **Maximum Span Length (feet):** 43.6  
- **Number of Main Spans:** 4  
- **Structure Length (feet):** 157.48  
- **Year Built:** 1958  
- **Skew (degrees):** 0  
- **Number of Approach Spans:** 0  

### Design and Construction Data:

- **Engineering Firm:** Goldberg and Davidson, Engineers  
- **Engineer:**  
- **Fabricator:**  
- **Contractor:** Lysne Construction Company  

### Architectural Treatments:

- None  

### Alterations and Integrity:

- None  

### 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.

**Sources:**
Minnesota Department of Transportation. *Bridge Inventory Database*. June 2009.
Minnesota Department of Transportation. *Bridge Inspection File Records*. Located at Mn/DOT Bridge Office.
| Bridge Number: | 9177 | SHPO Inventory Number: | MW-AUS-101 | Bridge Name: |
|---------------|------|------------------------|------------|
| Feature Intersected: | 90 | Facility Carried: | MSAS 144 | Location: | 0.9 Mi W OF E JCT TH 218 |
| Bridge Type: | Prestressed concrete stringer/multi-beam or girder | Year Built: | 1958 |