

L2340

RK-BCT-005



# MINNESOTA HISTORIC HIGHWAY BRIDGE INVENTORY



MINNESOTA HISTORICAL SOCIETY

<p><b>IDENTIFICATION</b></p> <p><b>BRIDGE NO.</b> <b>L2340</b></p>	<p><b>BRIDGE NAME AND OWNER</b></p> <p>Name:</p> <p>Owner: <u>Rock County</u></p>	<p><b>SYSTEM AND ROUTE</b></p> <p>Road System: <u>TWP</u></p> <p>Route No: <u>108</u></p>
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<p><b>LOCATION</b></p> <p><b>LEGAL</b></p> <p>Section: <u>18</u></p> <p>Township: <u>102</u></p> <p>Range: <u>46</u></p>	<p><b>UTM</b></p> <p>Zone: <u>14</u></p> <p>Easting: <u>708780</u></p> <p>Northing: <u>4834030</u></p> <p>Ref Pt: <u>1.07</u></p>	<p><b>ADDRESS</b></p> <p>City/Twp: <u>Beaver Creek</u></p> <p>Street:</p> <p>County: <u>Rock</u></p> <p><b>USGS MAP</b></p> <p>Map: <u>Garretson E</u> Date: <u>1967</u></p>	<p><b>LOCATION</b></p> <p>Crossing: <u>Springwater Creek</u></p> <p>Setting: <u>Agricultural</u></p> <p>Use: <u>Two Way Gravel Road</u></p> <p>RR Type:</p> <p><input type="checkbox"/> Closed/Abandoned:</p>
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<p><b>PHYSICAL DESCRIPTION</b></p> <p><b>SPECIFICATIONS:</b></p> <p>Principal Material: <u>Reinforced concrete</u></p> <p>Abutment Material: <u>Concrete</u></p> <p>Wingwall Material: <u>Concrete</u></p> <p>Pier Material:</p> <p>Total Length: <u>17.5</u></p> <p>Total Width: <u>18.8</u></p> <p>Number of Spans: <u>1</u></p> <p>Main Span Length: <u>14.5</u></p> <p>Connection:</p> <p>Skew: <u>90</u></p>	<p><b>STRUCTURAL TYPE</b></p> <p>Structural Types: <u>Arch</u></p> <p>Truss Types: <input type="checkbox"/> Pratt:</p> <p><input type="checkbox"/> Warren:</p> <p>Form:</p>																
<p><b>RELATIONSHIPS BETWEEN MAIN SPANNING FEATURES</b></p>	<p><b>FEATURES:</b></p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Railing</td> <td><input type="checkbox"/> Identification Tiles</td> </tr> <tr> <td><input type="checkbox"/> Sidewalks</td> <td><input type="checkbox"/> Raised Arch</td> </tr> <tr> <td><input type="checkbox"/> Builder's Plate</td> <td><input type="checkbox"/> Lamps</td> </tr> <tr> <td><input type="checkbox"/> Portal Ornament</td> <td><input type="checkbox"/> Keystones</td> </tr> <tr> <td><input type="checkbox"/> Paneled Spandrels</td> <td><input type="checkbox"/> Stone Sides</td> </tr> <tr> <td><input type="checkbox"/> Incised Date</td> <td><input type="checkbox"/> Other</td> </tr> <tr> <td><input type="checkbox"/> Cut Ring Stones</td> <td>Describe:</td> </tr> <tr> <td><input type="checkbox"/> Memorial Tablet</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/> Railing	<input type="checkbox"/> Identification Tiles	<input type="checkbox"/> Sidewalks	<input type="checkbox"/> Raised Arch	<input type="checkbox"/> Builder's Plate	<input type="checkbox"/> Lamps	<input type="checkbox"/> Portal Ornament	<input type="checkbox"/> Keystones	<input type="checkbox"/> Paneled Spandrels	<input type="checkbox"/> Stone Sides	<input type="checkbox"/> Incised Date	<input type="checkbox"/> Other	<input type="checkbox"/> Cut Ring Stones	Describe:	<input type="checkbox"/> Memorial Tablet	
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**NOTES:**

Inscription: MINN 94-3861

<p><b>HISTORICAL DATA</b></p> <p style="text-align: center;"><i>ALTERATIONS</i></p> <p>Date:                      Integrity:</p> <p>Notes:</p>	<p style="text-align: center;"><b>CONSTRUCTION</b></p> <p>Date: <u>1906</u></p> <p>Designer: <u>P.N. Gillham</u>                      Contractor: <u>P.N. Gillham</u></p> <p>Engineer:    Fabricator:</p>
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<p><b>HISTORICAL SIGNIFICANCE</b></p> <p style="text-align: center;"><i>Level of Significance</i></p> <p><input checked="" type="checkbox"/> Local</p> <p><input type="checkbox"/> State</p> <p><input type="checkbox"/> National</p>	<p style="text-align: center;"><i>Hess Categories</i></p> <p style="text-align: center;"><u>Not Evaluated in 1988</u></p> <p style="text-align: center;"><i>Significant Under Criteria</i></p> <p>A <input type="checkbox"/>                      B <input type="checkbox"/>                      C <input checked="" type="checkbox"/></p>	<p style="text-align: center;"><i>National Register Listing</i></p> <p><input type="checkbox"/> Listed                      <input type="checkbox"/> Contributing</p> <p><input checked="" type="checkbox"/> Eligible                      <input type="checkbox"/> Not Eligible</p> <p><input checked="" type="checkbox"/> Not Enough Information</p> <p>Date Listed:</p>
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**Sources of Information:**

Hess, Jeffrey A. Final Report of the Minnesota Bridge Survey: Parts I and II. Prepared for the Minnesota Historical Society and the Minnesota Department of Transportation, August 1988.

Reinforced Concrete Highway Bridges in Minnesota, 1900-1945, National Register of Historic Places, Multiple Property Documentation Form, E-11. Minnesota Historical Society, St. Paul, Mn.

**Statement of Significance:**

Bridge L2340 is recommended for listing in the National Register of Historic Places. Built in 1906, it is one of the earlier examples of the work of local vernacular bridge builder, P.N. Gillham. Only two Gillham spans (L2306 and L2315) are known to pre-date 1906. Although Bridge L2340 has some cracking on rails and abutments, and scouring, it clearly represents one of Gillham's simpler bridge design types, and also demonstrates the early adoption of reinforced concrete for bridge construction.

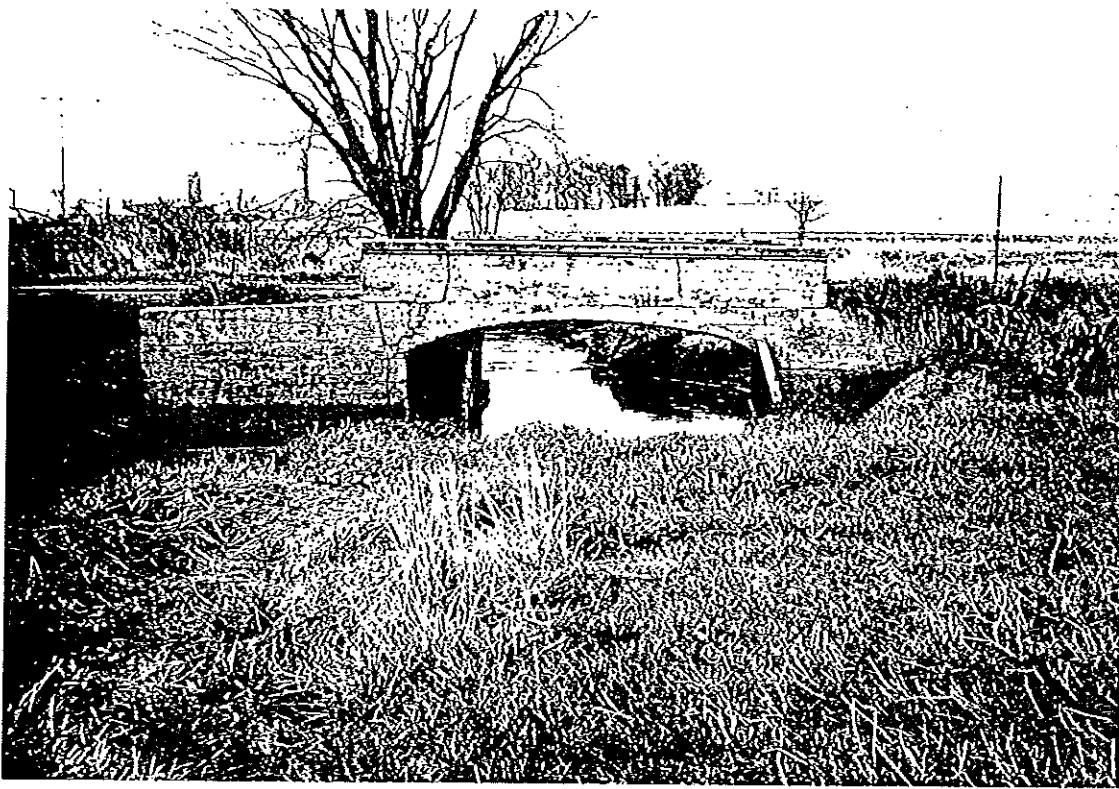
The 106 Group Ltd.

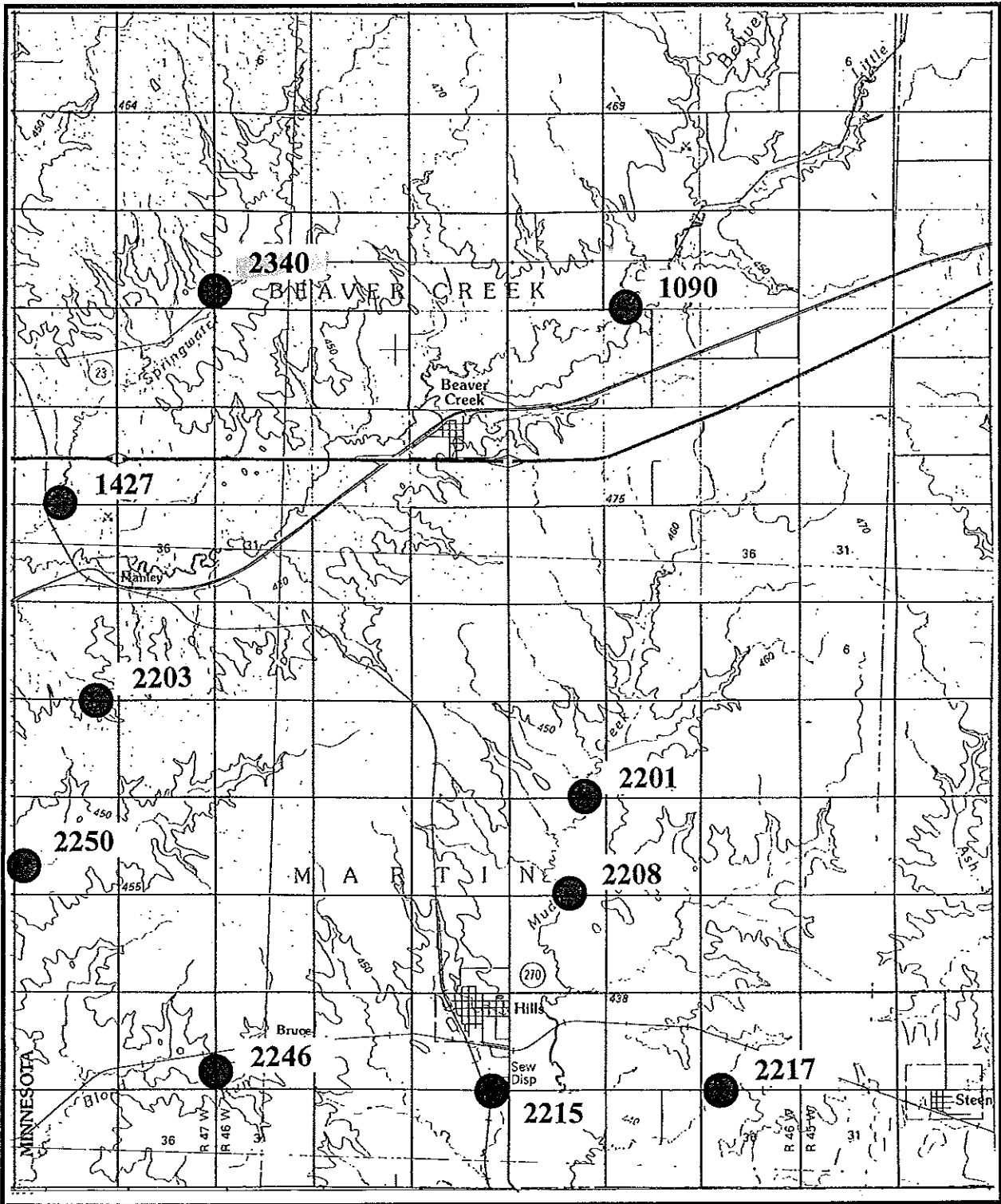
Olga Dunlop

May 1994

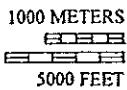
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BRIDGE NO: L2340  
Photographic Record





**SW Quarter of Rock County  
Bridge Locations**



**Rock Co. Bridges**

Map Source: USGS Quadrangle. 30 x 60 minute series. Sioux Falls, SD-MN-IA

**Project Map 3**