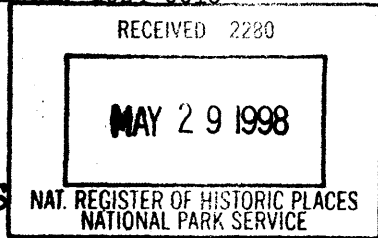


United States Department of the Interior
National Park Service

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NATIONAL REGISTER OF HISTORIC PLACES REGISTRATION FORM

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in *How to Complete the National Register of Historic Places Registration Form* (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Bridge No. 5757
other names/site number N/A

2. Location

street & number Mn. Hwy. 23 over Mission Creek
not for publication N/A
city or town Duluth vicinity N/A
state Minnesota code MN county Saint Louis code 137
zip code 55808

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this x nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property ✓ meets does not meet the National Register Criteria. I recommend that this property be considered significant nationally statewide x locally. (See continuation sheet for additional comments.)

Ian R. Stewart Signature of certifying official 5/2/98 Date
Ian R. Stewart, Deputy State Historic Preservation Officer
State or Federal agency and bureau Minnesota Historical Society

In my opinion, the property meets does not meet the National Register criteria. (See continuation sheet for additional comments.)

 Signature of commenting or other official Date
 State or Federal agency and bureau

4. National Park Service Certification

I, hereby certify that this property is:

- entered in the National Register
 ___ See continuation sheet.
- determined eligible for the
 National Register
 ___ See continuation sheet.
- determined not eligible for the
 National Register
- removed from the National Register

Edson H. Beal 6/24/98

___ other (explain): _____

beal Signature of Keeper Date
of Action

5. Classification

Ownership of Property (Check as many boxes as apply)

- ___ private
- ___ public-local
- public-State
- ___ public-Federal

Category of Property (Check only one box)

- ___ building(s)
- ___ district
- ___ site
- structure
- ___ object

Number of Resources within Property

Contributing	Noncontributing
<u>0</u>	<u>0</u> buildings
<u>0</u>	<u>0</u> sites
<u>1</u>	<u>0</u> structures
<u>0</u>	<u>0</u> objects
<u>1</u>	<u>0</u> Total

Number of contributing resources previously listed in the National Register N/A

Name of related multiple property listing (Enter "N/A" if property is not part of a multiple property listing.)
Historic Iron and Steel Bridges in Minnesota

6. Function or Use

Historic Functions (Enter categories from instructions)

Cat: TRANSPORTATION Sub: road-related (vehicular)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Current Functions (Enter categories from instructions)

Cat: TRANSPORTATION Sub: road-related (vehicular)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

7. Description

Architectural Classification (Enter categories from instructions)

OTHER: Multi-plate arch

Materials (Enter categories from instructions)

foundation (Substructure) CONCRETE; STONE

roof _____

walls _____

other (Superstructure) METAL; CONCRETE; STONE

Narrative Description (Describe the historic and current condition of the property on one or more continuation sheets.)

8. Statement of Significance

Applicable National Register Criteria (Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- A Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B Property is associated with the lives of persons significant in our past.
- C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D Property has yielded, or is likely to yield information important in prehistory or history.

Criteria Considerations (Mark "X" in all the boxes that apply.)

- A owned by a religious institution or used for religious purposes.
- B removed from its original location.
- C a birthplace or a grave.
- D a cemetery.
- E a reconstructed building, object, or structure.
- F a commemorative property.
- G less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance (Enter categories from instructions)

ENGINEERING

Period of Significance 1937

Significant Dates 1937

Significant Person (Complete if Criterion B is marked above)

Cultural Affiliation

Architect/Builder Contractor/Builder: A.A. Bodin and Sons
Designer: Minnesota Highway Department

Narrative Statement of Significance (Explain the significance of the property on one or more continuation sheets.)

9. Major Bibliographical References

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS)
 preliminary determination of individual listing (36 CFR 67) has been requested.
 previously listed in the National Register
 previously determined eligible by the National Register
 designated a National Historic Landmark
 recorded by Historic American Buildings Survey # _____
 recorded by Historic American Engineering Record # _____

Primary Location of Additional Data
 State Historic Preservation Office
 Other State agency
 Federal agency
 Local government
 University
 Other

Name of repository: Minnesota Department of Transportation

10. Geographical Data

Acreage of Property less than one acre

UTM References (Place additional UTM references on a continuation sheet)

	Zone	Easting	Northing	Zone	Easting	Northing
1	15	555430	5167470	3	_____	_____
2	_____	_____	_____	4	_____	_____

See continuation sheet.

Esko, Minn.-Wis., 1954, revised 1993

Verbal Boundary Description (Describe the boundaries of the property on a continuation sheet.)

Boundary Justification (Explain why the boundaries were selected on a continuation sheet.)

11. Form Prepared By

name/title Jeffrey A. Hess, Historian
organization Hess, Roise and Company
street & number The Foster House, 100 North First Street
city or town Minneapolis state MN zip code 55401
telephone (612) 338-1987
date September 1997

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

Maps

A USGS map (7.5 or 15 minute series) indicating the property's location.

A sketch map for historic districts and properties having large acreage or numerous resources.

Photographs

Representative black and white photographs of the property.

Additional items (Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of the SHPO or FPO.)

name _____
street & number _____
telephone _____
city or town _____ state ____ zip code ____

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.). Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Project (1024-0018), Washington, DC 20503.

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**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 7 Page 1 Bridge No. 5757
name of property
St. Louis County, Minnesota
county and state

Description

Located in a residential neighborhood in the Fond du Lac area of Duluth, Bridge No. 5757 carries Minnesota Trunk Highway 23 over Mission Creek on an east-west alignment. The highway is divided into two 30-foot-wide, bituminous-covered, concrete-slab roadways, with a tree-planted, grassy boulevard in the middle and a concrete sidewalk on the south side. Bridge No. 5757 is a two-span, multi-plate arch with concrete substructure, headwalls, railings, and retaining walls -- all encased in a veneer of rubblework fieldstone. Semi-circular in shape and defined by well-blocked masonry ringstones with an enlarged keystone, each arch has a 20-foot-long span and a 115-foot-wide barrel covered by a layer of earth fill several feet deep. The masonry veneer displays Late Gothic Revival detailing: buttressed pilasters frame the multi-plate openings, and small pointed arches punctuate the railings. A metal plaque on the east end of the south railing bears the following inscription: "Minnesota Highway Dept Bridge No. 5757 1937." Plans for Bridge No. 5757, dated March 1937, are on file with the Minnesota Department of Transportation. These drawings indicate that the original design called for two 20-foot-wide roadways and two sidewalks. At an undetermined date, the roadways were widened and the north-side sidewalk eliminated. These alterations did not significantly affect the bridge's original design and workmanship. Bridge No. 5757 retains its historical integrity.

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**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 8 Page 1 Bridge No. 5757
name of property
St. Louis County, Minnesota
county and state

Summary of Significance

In March 1937, as part of a general improvement of Minnesota Trunk Highway 23 through the Duluth area, the Minnesota Highway Department prepared stone-faced, multi-plate plans for the construction of Bridge No. 5757 over Mission Creek. A month later, the agency awarded a low-bid contract for the bridge, in the amount of \$24,014, to A.A. Bodin and Son of Minneapolis. The contractor completed the project before the end of the year. As the highway department noted in its biennial report for 1937-1938, federal funding "was largely responsible" for all trunk highway construction work during the period. The allotment came with the provision that "at least one per cent of these funds be expended for roadside improvement along the trunk highways." With its grassy, tree-planted boulevard and finely crafted masonry work, Bridge No. 5757 appears to have been part of this highway beautification movement.

Despite its federal subsidy, Bridge No. 5757 was not a classic work-relief labor project in the sense that it directly employed WPA or CCC labor. But its multi-plate design was very much part of the New Deal work-relief era. Introduced by the Armco Culvert Manufacturers Association in 1931, multi-plate was a galvanized, corrugated-iron product fabricated in curved segments to facilitate shipping in "nested" position. For bridge construction, the segments were bolted together in the field to form an arch, which was typically anchored by concrete headwalls and abutments. Frequently, the concrete work was ornamented with stone facing in order to simulate a stone-arch bridge. Such construction found ready acceptance, for stone-faced, multi-plate arches such as Bridge No. 5757 were highly compatible with the New Deal's agenda of promoting highway beautification, local craft skills, and labor-intensive public works projects.

Noteworthy for its well-crafted masonry and Late Gothic Revival detailing, Bridge No. 5757 is eligible for the National Register for its design and workmanship under Criterion C, within the

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**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 8 Page 2 Bridge No. 5757
name of property
St. Louis County, Minnesota
county and state

historic context of "Iron and Steel Bridges in Minnesota, 1873-1945." The Multiple Property Documentation Form (MPDF) associated with this context presents the following registration criteria for the multi-plate arch type:

Since the multi-plate arch bridge is most notable for its modular corrugated-metal construction and stone headwalls and spandrels, these features should be clearly visible and relatively unaltered. And since the multi-plate arch bridge enjoyed its vogue at least partly because of the New Deal's encouragement of roadside beautification, the bridge's workmanship and design should be on the original site, harmonious with the general setting, of high aesthetic quality, and of New Deal vintage.

Bridge No. 5757 satisfies all of these criteria.

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**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 9 Page 1 Bridge No. 5757
name of property
 St. Louis County, Minnesota
county and state

Bibliography

Published Sources

Improvement Bulletin 83 (16 April 1937): 32.

Minnesota Highway Department. *Biennial Report, 1937-1938*. N.p.,
1939, 7, 15.

Unpublished Sources

Quivik, Fredric L. "Iron and Steel Bridges in Minnesota."
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Documentation Form. State Historic Preservation Office, St.
Paul.

Archival Sources

Bridge Database. Minnesota Department of Transportation, St.
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Bridge No. 5757 File (contract, correspondence). Minnesota
Department of Transportation, Record Storage Center, St.
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Bridge No. 5757 File. Minnesota Department of Transportation,
Bridge Division, St. Paul.

Bridge No. 5757 File (plans). Minnesota Department of
Transportation, District 1 Office, Duluth.

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**NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET**

Section 10 Page 1 Bridge No. 5757
name of property
St. Louis County, Minnesota
county and state

Verbal Boundary Description

The general area of the nominated property is a rectangle approximately 40 feet wide, whose long center axis parallels the centerline of the bridge. The property is bounded at each end by the outer edges of the abutments.

Boundary Justification

Based on measurements provided by the Minnesota Department of Transportation, the boundaries enclose the entire historic resource.