1. SITE I.D. NO

HAER INVENTORY

Historic American Engineering Record
Department of the Interior, Washington, D.C. 20240

2. INDUSTRIAL CLASSIFICATION: Bridges, Trestles, and Aqueducts
ARCH: concrete — 7595

3. PRIORITY: 1

5. DATE: 1908

4. DANGER OF DEMOLITION? (SPECIFY THREAT) ☒ YES ☐ NO ☐ UNKNOWN: to be replaced

6. GOVT SOURCE OF THREAT: OWNER ☐ ADMIN ☐

7. OWNER/ADMIN: City of Spokane

8. NAME(S) OF STRUCTURE: Washington Street Bridge

9. OWNER'S ADDRESS: West 221 Wall Street
Spokane, Washington

10. STATE COUNTY: WA 063 — COUNTY NAME: Spokane — CITY/VICINITY: Spokane — CONG. DIST.: 05

STATE COUNTY: — COUNTY NAME: — CITY/VICINITY: — CONG. DIST.:

11. SITE ADDRESS (STREET & NO.)
Crossing: Spokane River
S.T.R. 18 25N 43E

12. EXISTING SURVEYS: ☐ NR ☐ NHL ☐ HABS ☐ HAER—I ☐ HAER ☐ NPS ☐ CL6
☐ CONF ☐ STATE ☐ COUNTY ☐ LOCAL ☐ OTHER

13. SPECIAL FEATURES (DESCRIBE BELOW)
☐ INTERIOR INTACT ☐ EXTERIOR INTACT ☐ ENVIRONS INTACT

14. UTM ZONE 11 — EASTING 468700 — NORTHING 5278760 — SIGN
SCALE ☐ 1:24 ☒ 1:62.5 ☐ OTHER — QUAD NAME: Spokane, Washington

UTM ZONE — EASTING — NORTHING — SIGN
SCALE ☐ 1:24 ☐ 1:62.5 ☐ OTHER — QUAD NAME:

15. CONDITION: 70 ☐ EXCELLENT 71 ☐ GOOD 72 ☐ FAIR 73 ☐ DETERIORATED 74 ☐ RUINS 75 ☐ UNEXPOSED 76 ☐ ALTERED 82 ☐ DESTROYED 85 ☐ DEMOLISHED

16. INVENTORIED BY: Lisa Soderberg — AFFILIATION: HAER/Washington State Bridge Inventory — DATE: June 1980

17. DESCRIPTION AND BACKGROUND HISTORY, INCLUDING CONSTRUCTION DATE(S), HISTORICAL DATE(S), PHYSICAL DIMENSIONS, MATERIALS, EXTANT EQUIPMENT, AND IMPORTANT BUILDERS, ENGINEERS, ETC.

The Washington Street Bridge is a three spanned reinforced concrete arch constructed in 1908 over the Spokane River. The 242 foot structure consists of three 77 foot flattened ribbed arches. It was designed by Mr. Charles McIntyre, City Engineer of Spokane, who was responsible for the construction of several concrete arches throughout the city. The Wallace-Coates Engineering Company constructed the bridge. J.B. Strauss of the Strauss Bascule and Concrete Bridge Company of Chicago was the consulting engineer. The highway provides a roadway 44 feet wide, curb to curb.

The Washington Street Bridge is an early example of concrete construction within the State. The reinforced concrete arch proliferated during the teens as "the extensive construction of hard surface, permanent highways made it necessary to construct bridges of permanent character." The Washington Street Bridge is the oldest surviving concrete arch highway bridge within the State. It is an early example of a ribbed arch. The flattened form of its ribs reflected future developments in concrete arch design.

(CONT OVER)

18. ORIGINAL USE: vehicular — PRESENT USE: vehicular — ADAPTIVE USE:

19. REFERENCES—HISTORICAL REFERENCES, PERSONAL CONTACTS, AND/OR OTHER

City engineering department files.
"Plans for Spokane," Pacific Builder and Engineer, 9 March 1907.

(CONT OVER)

20. URBAN AREA 50,000 POP. OR MORE? ☐ YES ☒ NO

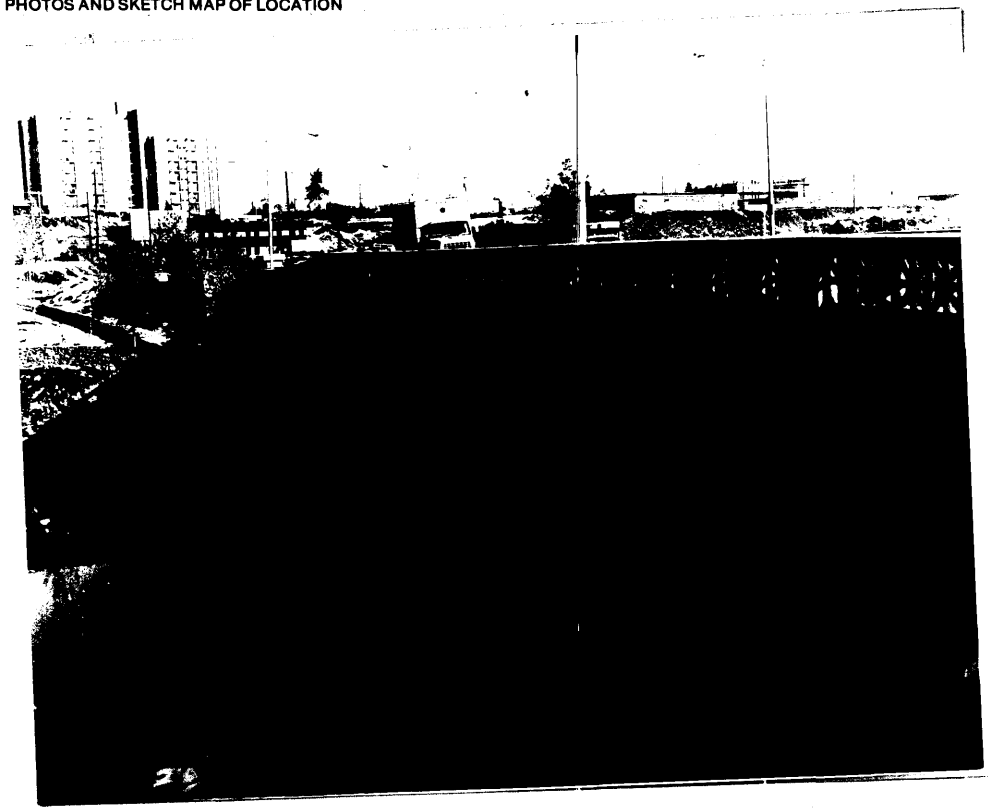
21. NPS REGION: NW

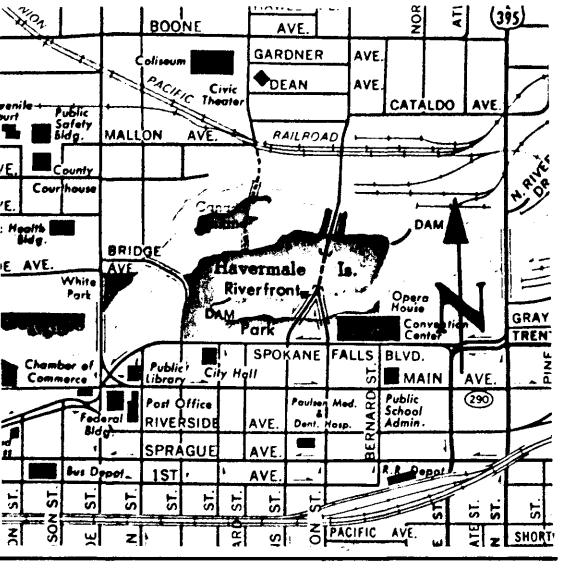
22. PUBLIC ACCESSIBILITY: ☐ YES, LIMITED ☒ YES, UNLIMITED ☐ NO ☐ UNKNOWN

23. EDITOR INDEXER

24. LOCATED IN AN HISTORIC DISTRICT? ☐ YES ☒ NO — NAME: — DISTRICT I.D. NO

25. PHOTOS AND SKETCH MAP OF LOCATION





DESCRIPTION (CONTINUED)

REFERENCES (CONTINUED)

ABSTRACT

HAER NO | LC | TECH REPORT | HIST REPORT | CONTEMP PHOTO | HIST PHOTO | CONTEMP DRWG | HIST DRWG | COLOR PLATE | PHOTOGRAM | SW | FILM