

1. SITE I.D. NO

HAER INVENTORY

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

2. INDUSTRIAL CLASSIFICATION

Bridges, Trestles, and Aqueducts

7

5

8

5

3. PRIORITY

1

4. DANGER OF DEMOLITION?
(SPECIFY THREAT) YES NO UNKNOWN

BEAM: Concrete

Local Designation Number:
N3 6718060100000

5. DATE

1909-10

6. GOVT SOURCE OF THREAT

OWNER

ADMIN

7. OWNER/ADMIN

City of Tacoma

8. NAME(S) OF STRUCTURE

North 23rd Street Bridge

9. OWNER'S ADDRESS

Public Works Department
City-County Building
Tacoma, WA 98402

10. STATE

WA

COUNTY NAME

CITY/VICINITY

CONG. DIST.

STATE

COUNTY NAME

CITY/VICINITY

COUNTY

053

Pierce

Tacoma

DIST.

03

COUNTY

CONG. DIST.

11. SITE ADDRESS (STREET & NO)

Crossing: Buckley Gulch
North Fife and Oakes
S.T.R. 31 21N 3E

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

EASTING

NORTHING

SIGN

SCALE

 1:24 1:62.5

QUAD NAME

Tacoma North, Washington

UTM ZONE

EASTING

NORTHING

SIGN

SCALE

 1:24 1:62.5

QUAD NAME

15. CONDITION.

70 EXCELLENT71 GOOD72 FAIR73 DETERIORATED74 RUINS75 UNEXPOSED76 ALTERED82 DESTROYED85 DEMOLISHED

16. INVENTORIED BY

Lisa Soderberg

AFFILIATION

HAER/Washington State Bridge Inventory

DATE

April 1979

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

The North 23rd Street Bridge, designed by Waddell and Harrington in 1909, is significant as an early example of the concrete rigid frame bridge. In American Building Art, Carl Condit states that the rigid frame was not adopted on any extensive scale, until after World War I. The massive, oversized concrete beams are 5 feet wide, 6 feet wide at the center, and 13 feet at the ends; the beams are 6 feet deep, 8 feet deep at the center, and 12 feet deep at the ends. The overall length of the bridge is 312 feet, and it is 30 feet wide. Like the 21st Street Bridge, the 23rd Street Bridge was built for the City of Tacoma by the contractors, Creelman, Putman, and Healy.

(CONT OVER)

18. ORIGINAL USE

Bridge/vehicular

PRESENT USE

Bridge/vehicular

ADAPTIVE USE

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 REFERENCES—HISTORICAL REFERENCES, PERSONAL CONTACTS, AND/OR OTHER

City Public Works Department Files.
Carl W. Condit, American Building Art, (New York, 1961), p. 207.
Bridge plate: "City of Tacoma, 1910"

(CONT OVER)

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

21. HCRS REGION

N W

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



DESCRIPTION OF SUBJECT

REFERENCE COMMENTS

