

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	6	0	3	3. PRIORITY 1	4. DANGER OF DEMOLITION? (SPECIFY THREAT) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN to be replaced			
TRUSS: Steel				5. DATE 1907/00				6. GOVT SOURCE OF THREAT OWNER ADMIN				
County Designation Number: 306				7. OWNER/ADMIN Chelan County				9. OWNER'S ADDRESS County Engineer Chelan County Courthouse Wenatchee, Washington 98801				
8. NAME(S) OF STRUCTURE Old #15 West Monitor Bridge 1 mile NW of Monitor				10. STATE WA COUNTY 007				COUNTY NAME Chelan				
CITY/VICINITY Monitor				CONG. DIST. 04				STATE WA COUNTY 007				
11. SITE ADDRESS (STREET & NO) Crossing: Wenatchee River S.T.R. 11 23N 19E				12. EXISTING SURVEYS <input type="checkbox"/> NR <input type="checkbox"/> NHL <input type="checkbox"/> HABS <input type="checkbox"/> HAER-I <input type="checkbox"/> HAER <input type="checkbox"/> NPS <input type="checkbox"/> CL6 <input type="checkbox"/> CONF <input type="checkbox"/> STATE <input type="checkbox"/> COUNTY <input type="checkbox"/> LOCAL <input type="checkbox"/> OTHER				13. SPECIAL FEATURES (DESCRIBE BELOW) <input type="checkbox"/> INTERIOR INTACT <input type="checkbox"/> EXTERIOR INTACT <input type="checkbox"/> ENVIRONS INTACT				
14. UTM ZONE EASTING NORTHING SIGN 10 693970 5263860				SCALE <input checked="" type="checkbox"/> 1:24 <input type="checkbox"/> 1:62.5 <input type="checkbox"/> OTHER				QUAD NAME Cashmere, Washington				
15. CONDITION 70 <input type="checkbox"/> EXCELLENT 71 <input type="checkbox"/> GOOD 72 <input type="checkbox"/> FAIR 73 <input type="checkbox"/> DETERIORATED 74 <input type="checkbox"/> RUINS 75 <input type="checkbox"/> UNEXPOSED 76 <input type="checkbox"/> ALTERED 82 <input type="checkbox"/> DESTROYED 85 <input type="checkbox"/> DEMOLISHED				16. INVENTORIED BY Lisa Soderberg				AFFILIATION HAER/Washington State Bridge Inventory				
								DATE October 1979				
17. DESCRIPTION AND BACKGROUND HISTORY, INCLUDING CONSTRUCTION DATE(S), HISTORICAL DATE(S), PHYSICAL DIMENSIONS, MATERIALS, EXISTANT EQUIPMENT, AND IMPORTANT BUILDERS, ENGINEERS, ETC. In 1907, the Puget Sound Bridge and Dredging Company constructed a two-span steel pinconnected Pratt truss over the Wenatchee River. This 320 foot structure consists of two 140 foot steel trusses, and two 20 foot timber trestle approach spans. Each truss is composed of seven 20 foot panels, and rests on two pairs of riveted steel cylinder piers which are filled with concrete, and are braced by two eyebars with turnbuckles. During the early 20th century, these riveted steel piers were a common, economical means of supporting a bridge. The standardization and widespread use of these concrete-filled cylinders is reflected in J.A.L. Waddell's book, <u>Bridge Engineering</u> where there is a diagram and description of piers identical to the West Monitor Bridge piers. The bridge supports a timber deck which is 16 feet wide, curb to curb. Of the ten existing pinconnected Pratt trusses (with parallel chords) built before 1910 within the State, the <u>West Monitor Bridge</u> and the <u>F Street Bridge in Palouse</u> appear to be the oldest, and least altered examples of (CONT OVER)												
18. ORIGINAL USE Bridge/vehicular				PRESENT USE Bridge/vehicular				ADAPTIVE USE				
19. REFERENCES—HISTORICAL REFERENCES, PERSONAL CONTACTS, AND/OR OTHER Chelan County Bridge Files. J.A.L. Waddell, <u>Bridge Engineering</u> , 2 Vols., (New York, 1916), 1:1027.												
20. URBAN AREA 50,000 POP. OR MORE? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				21. HCRS REGION N W				22. PUBLIC ACCESSIBILITY <input type="checkbox"/> YES, LIMITED <input checked="" type="checkbox"/> YES, UNLIMITED <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN				
23. EDITOR INDEXER				24. LOCATED IN AN HISTORIC DISTRICT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				NAME				
								DISTRICT I.D. NO				

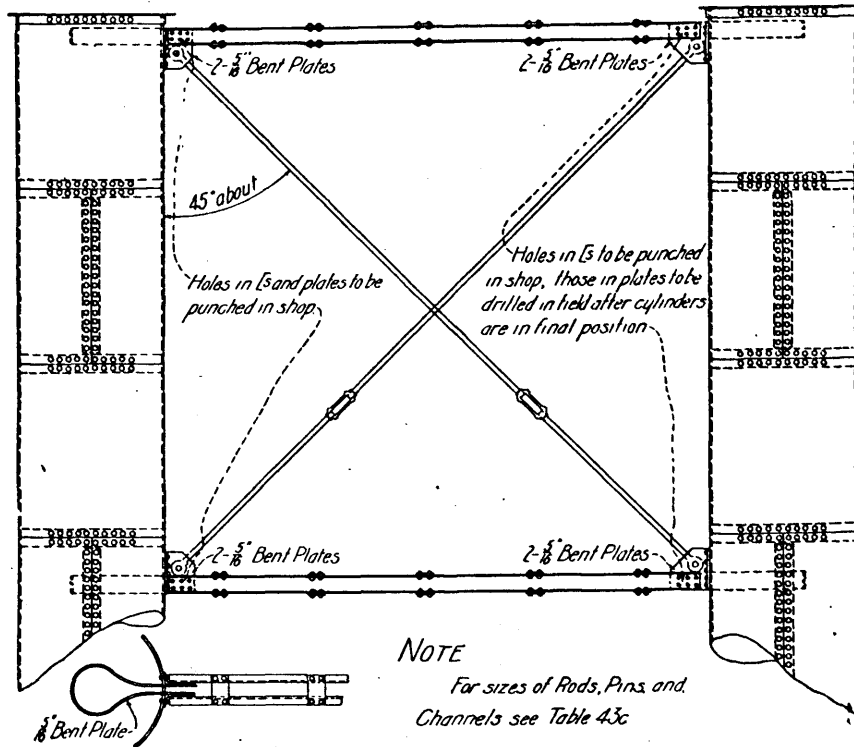
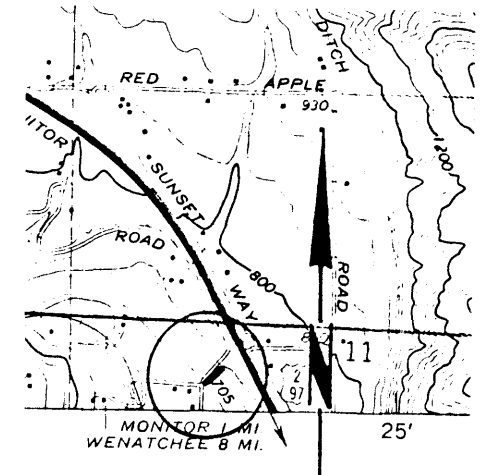


FIG. 43a. Details of Open Bracing for Steel Cylinder Piers.



from J.A.L. Waddell, *Bridge Engineering*, 2 Vols., (New York, 1916), 1:1027.

DESCRIPTION (CONTINUED)

this common truss type which once predominated the landscape. The significance of the West Monitor Bridge as representative of a common bridge type is enhanced by the fact that the original riveted steel cylinder piers supporting the truss remain intact.

REFERENCES (CONTINUED)

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

25. Photos and Sketch Map of Location