

10 STATE

WA

COUNTY NAME

Chelan

CITY/VICINITY

Monitor

CONG DIST

11 SITE ADDRESS (STREET & NO.)

Crossing: Wenatchee River S14 T23N R19E

12 EXISTING SURVEYS

☐ NR
☐ NML
☐ HABS
☐ HAER-I
☐ HAER
☐ NPS
☐ CLS

13 SPECIAL FEATURES (DESCRIBE BELOW)

☐ INTERIOR INTACT
☐ EXTERIOR INTACT
☐ ENVIRONS INTACT

14 UTM ZONE

EASTING

NORTHING

SIGN

SCALE

☐ 1:24
☐ 1:625

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 1979

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

The county engineer, B.B. Carter, supervised the construction of the three-span continuons concrete arch that provided a 20 foot wide roadway, curb to curb, over the Wenatchee River. This 357 foot structure which consists of one 131 foot arch and two 63 foot arches, was completed in 1930.

18 ORIGINAL USE

Bridge

PRESENT USE

Bridge

ADAPTIVE USE

19 REFERENCES—HISTORICAL REFERENCES, PERSONAL CONTACTS AND/OR OTHER

Chelan County Bridge files.

20 URBAN AREA 50,000 POP OR MORE?

☐ YES
☐ NO

21 HCRS Region

NW

22 PUBLIC ACCESSIBILITY

☐ YES LIMITED
☐ YES UNLIMITED
☐ NO
☐ UNKNOWN

23 EDITOR

INDEXER

24 LOCATED IN AN HISTORIC DISTRICT?

☐ YES
☐ NO

NAME

DISTRICT ID NO

(Oct., 1990)

DETERMINED ELIGIBLE

1465

United States Department of the Interior
National Park Service

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 Monitor Bridge

Other names/site number Chelan County Bridge No. 305; Structure ID # 08173600

2. Location

street & number Main Street, crossing Wenatchee River not for publication

city or Monitor vicinity

town _____

State Washington code WA county Chelan code 007 zip code 98836

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this _____ 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 _____ locally. (____ See continuation sheet for additional comments.)

Signature of certifying official/Title

Date

State or Federal agency and bureau

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

Signature of certifying official/Title

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.

____ other (explain:) _____

Signature of the Keeper

Date of Action

032906-05-CH

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

(Do not incl. previously listed resources in the count.)

Contributing	Non-Contributing	
		buildings
		sites
1		structures
		objects
		Total

Name of related multiple property listing:

(Enter "N/A" if property is not part of a multiple property listing.)

N/A

Number of contributing resources previously listed in the National Register

0

6. Functions or Use**Historic Functions**

(Enter categories from instructions)

Transportation (road-related)

Current Functions

(Enter categories from instructions)

Transportation (road-related)

7. Description**Architectural Classification**

(Enter categories from instructions)

Late 19th and 20th Century Revivals**Materials**

(Enter categories from instructions)

foundation Concrete

walls

roof

other Metal (steel-reinforcement)

Narrative Description

(Describe the historic and current condition of the property.)

SEE CONTINUATION SHEET

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.)

Property is:

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

Areas of Significance

(Enter categories from instructions)

Engineering

Period of Significance

1931

Significant Dates

1931

Significant Person

(Complete if Criterion B is marked above)

Cultural Affiliation

Architect/Builder

A. M. Buell (designer)

Narrative Statement of Significance

(Explain the significance of the property.) SEE CONTINUATION SHEET

9. Major Bibliographical References

Bibliography

(Cite the books, articles, and other sources used in preparing this form.) SEE CONTINUATION SHEET

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 Engineering
- ☐ Record# _____

Primary location of additional data:

- ☒ State Historic Preservation Office
- ☐ Other State agency
- ☐ Federal agency
- ☒ Local government
- ☐ University
- ☐ Other

Name of repository:

Chelan County Public Works

316 Washington Street, Suite 402

10. Geographical DataAcreage of Property < 1**UTM References**

(Place additional UTM References on a continuation sheet.)

1	<u>10T</u> Zone	<u>69</u> <u>48</u> <u>34</u> Easting	<u>5</u> <u>262</u> <u>533</u> Northing	3	<u> </u> Zone	<u> </u> <u> </u> <u> </u> Easting	<u> </u> <u> </u> <u> </u> Northing
2	<u> </u> Zone	<u> </u> <u> </u> <u> </u> Easting	<u> </u> <u> </u> <u> </u> Northing	4	<u> </u> Zone	<u> </u> <u> </u> <u> </u> Easting	<u> </u> <u> </u> <u> </u> Northing

Verbal Boundary Description

(Describe the boundaries of the property.) The 357-foot length of the bridge.

Boundary Justification

(Explain why the boundaries were selected.) The bridge structure comprises the boundary.

11. Form Prepared By

name/title	<u>James Schumacher</u>		
organization	<u>Western Shore Heritage Services, Inc.</u>	date	<u>6 March 2006</u>
street & number	<u>8001 Day Road West, Suite B</u>	telephone	<u>206.855.9020</u>
city or town	<u>Bainbridge Island</u>	state	<u>WA</u> zip code <u>98110</u>

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

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

Photographs**Additional items**

* 1979 OAHP (DAHP) Bridge Inventory form. Original on file at Washington State Dept. of Archaeology & Historic Preservation.

* 1930 blueprints: General Drawing (2 sheets) and Plan and Elevation (1 sheet). Originals on file at Chelan County Public Works.

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

name	<u>Chelan County Public Works</u>		
street & number	<u>316 Washington Street, #402</u>	telephone	<u>509.667.6415</u>
city or town	<u>Wenatchee</u>	state	<u>WA</u> zip code <u>98801</u>

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet -

MONITOR BRIDGE
CHELAN COUNTY, WASHINGTON

Section number 7 Page 1 of 1

Monitor Bridge (Chelan County Bridge #305; Structure ID # 08173600) is an open-spandrel three-span concrete arch bridge built in 1931 (Holstine and Hobbs 2005:15). The bridge crosses the Wenatchee River and connects Main Street, on the west side of the river, with highway US 2/US97 and Easy Street, on the east side of the river.

Monitor Bridge was designed in 1930 by A. M. Buell, and built by contractor Henry Hagman, under the supervision of county engineer B. B. Carter. The bridge is 357 feet long, with one 131-foot arch and two 63-foot arches (Soderberg 1979).

Monitor Bridge is a reinforced concrete barrel-type arch, open spandrel structure, with interior steel bar reinforcements. The three spans measure 131 feet, 121 feet, and 105 feet in length. The west approach is 22 feet in length; the east approach measures 36 feet. The bridge roadway is 20 feet wide, with two 4-foot sidewalks. There is a concrete handrail on each side and the bridge was designed to be electrically lighted.

Monitor Bridge continues to be used by automobile traffic and is maintained by Chelan County Public Works.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet -

MONITOR BRIDGE
CHELAN COUNTY, WASHINGTON

Section number 8 Page 1 of 1

Completed in 1931, Monitor Bridge is representative of the open-spandrel, multiple-span, steel-reinforced concrete arch bridge built in the first decades of the twentieth century. The bridge appears unaltered and retains integrity of design. Technological advances in steel-reinforced concrete fabrication at the beginning of the 20th century are evident in the different lengths, graceful contours, and the openness of the bridge's arches. Monitor Bridge conveys the essential aesthetic features associated with the classical revival design, as supported by engineering improvements characteristic of the period..

United States Department of the Interior
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National Register of Historic Places Continuation Sheet -

MONITOR BRIDGE
CHELAN COUNTY, WASHINGTON

Section number 9 Page 1 of 1

Holstine, Craig and Richard Hobbs

2005 *Spanning Washington: Historic Highway Bridges of the Evergreen State.* Washington State University Press, Pullman, Washington.

Soderberg, Lisa

1979 *Monitor Bridge Inventory Form.* On file at Department of Archaeology and Historic Preservation, Olympia, Washington.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet -

MONITOR BRIDGE
CHELAN COUNTY, WASHINGTON

Section number 11

Page 1 of 4

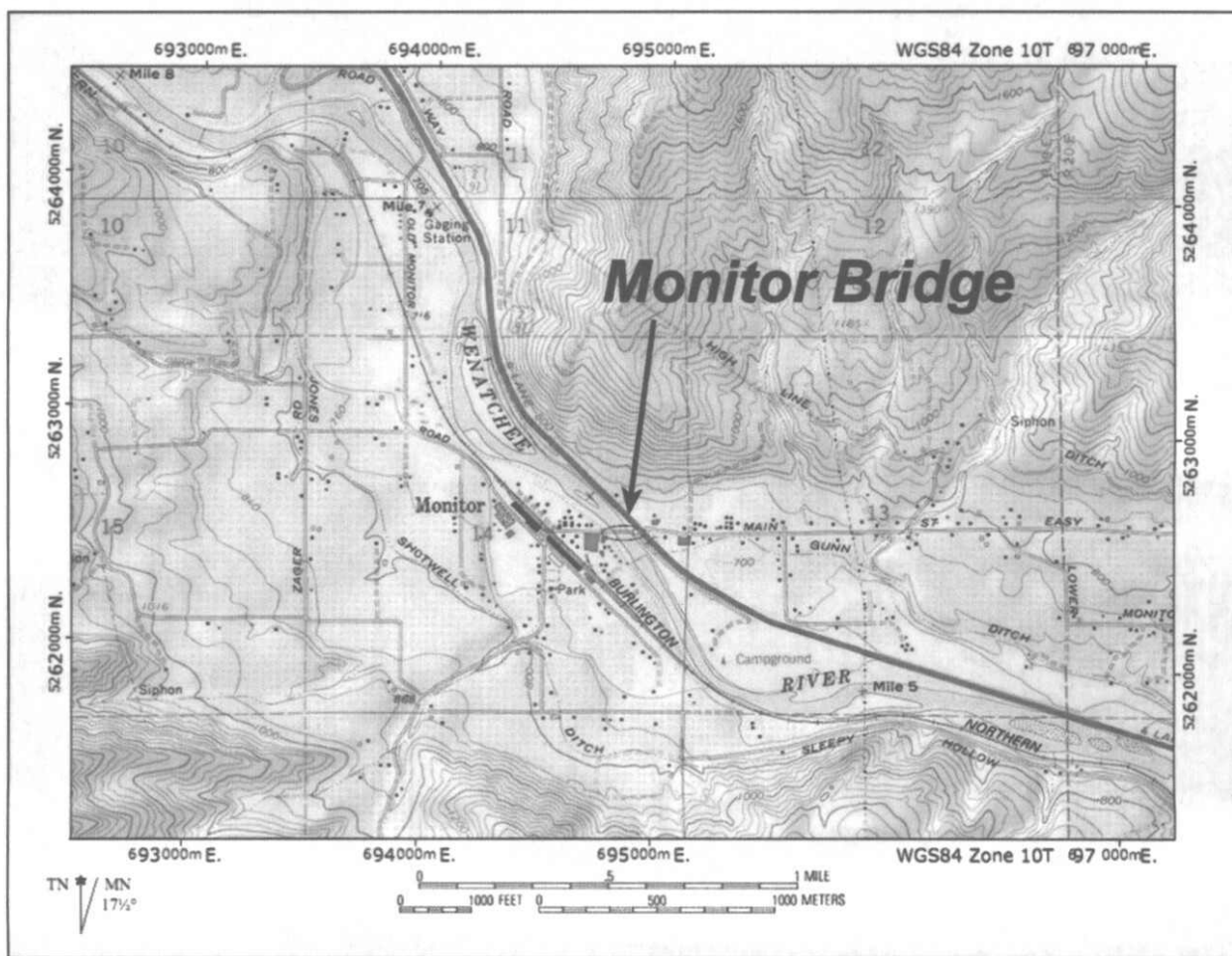


Figure 1. Portion of Monitor, Washington, USGS 7.5-minute quad depicting location of Monitor Bridge.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet -

MONITOR BRIDGE
CHELAN COUNTY, WASHINGTON

Section number 11

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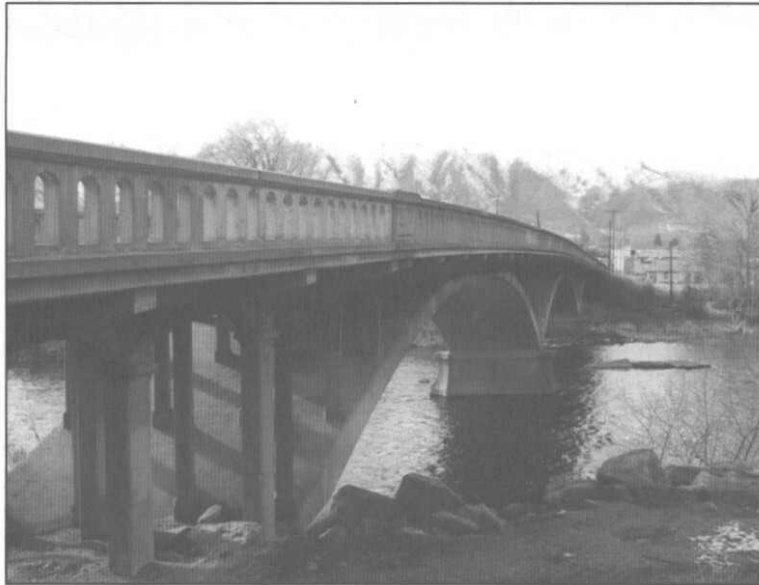


Figure 1. View west to Monitor Bridge from US2/US97, February 2006.

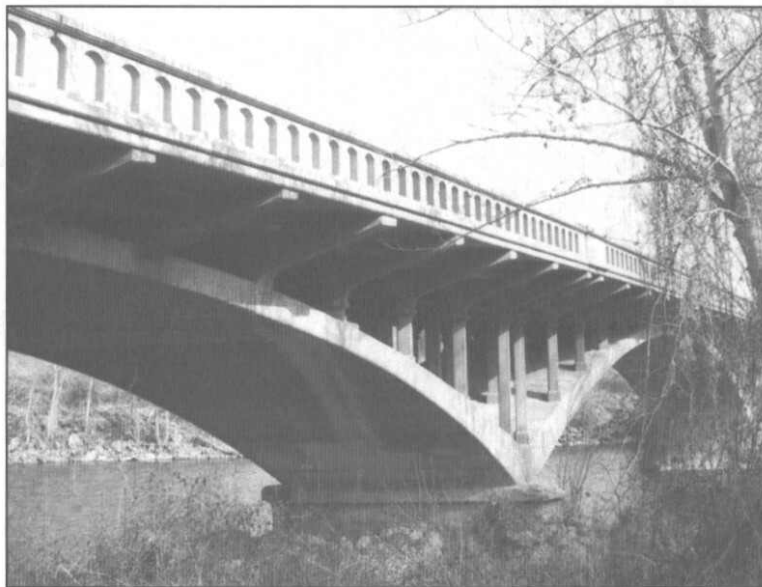


Figure 2. View northeast to Monitor Bridge, February 2006.

United States Department of the Interior
National Park Service

National Register of Historic Places Continuation Sheet -

MONITOR BRIDGE
CHELAN COUNTY, WASHINGTON

Section number 11

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Figure 3. Detail of Monitor Bridge structure, February 2006.

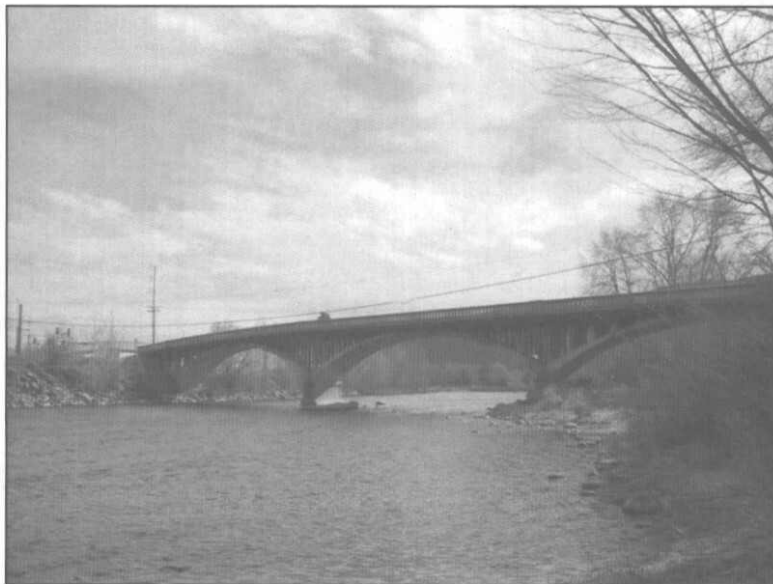


Figure 4. View southeast to Monitor Bridge, February 2006.

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National Park Service

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MONITOR BRIDGE
CHELAN COUNTY, WASHINGTON

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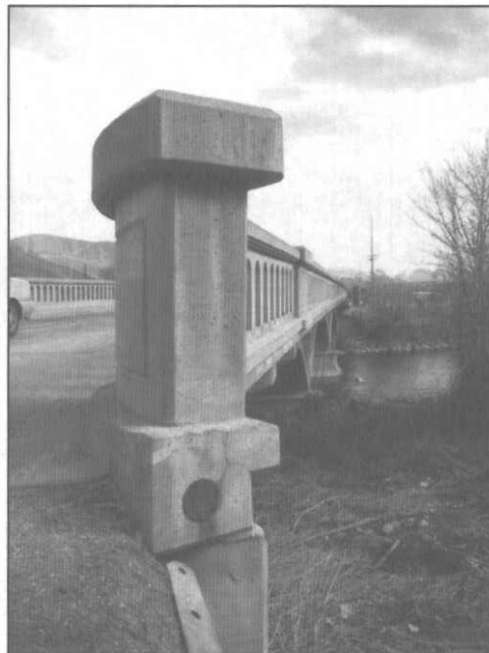


Figure 5. View east of bridge detail, February 2006.



Figure 6. View east across Monitor Bridge, February 2006.

1465

OAHP INVENTORY

Office of Archeology and Historic Preservation
Department of the Interior, Washington, D.C. 20240

1 SITE ID NO										2 Classification BRIDGES, TRESTLES, AND AQUEDUCTS: 7 5 9 5										3 PRIORITY										4 DANGER OF DEMOLITION? (SPECIFY THREAT) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> UNKNOWN																			
ARCH: Concrete										5 DATE 1930/00										6 GOVT SOURCE OF THREAT OWNER ADMIN										7 OWNER/ADMIN Chelan County										8 OWNER'S ADDRESS Chelan County Public Works Department Chelan County Courthouse Wenatchee, WA 98801									
9 NAME(S) OF STRUCTURE Monitor Bridge										10 STATE WA COUNTY 004 Chelan										11 SITE ADDRESS (STREET & NO.) Crossing: Wenatchee River S14 T23N R19E										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"/> CLS																			
13 SPECIAL FEATURE(S) DESCRIBE BELOW <input type="checkbox"/> INTERIOR INTACT <input type="checkbox"/> EXTERIOR INTACT <input type="checkbox"/> ENVIRONS INTACT										14 UTM ZONE EASTING NORTHING SGN										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										17 DESCRIPTION AND BACKGROUND HISTORY INCLUDING CONSTRUCTION DATES, HISTORICAL DATES, PHYSICAL DIMENSIONS, MATERIALS EXISTANT EQUIPMENT AND IMPORTANT BUILDERS ENGINEERS ETC. The county engineer, B.B. Carter, supervised the construction of the three-span continuons concrete arch that provided a 20 foot wide roadway, curb to curb, over the Wenatchee River. This 357 foot structure which consists of one 131 foot arch and two 63 foot arches, was completed in 1930.									

CATEGORY 2

18 ORIGINAL USE Bridge										PRESENT USE Bridge										ADAPTIVE USE										(CONT OVER)																			
19 REFERENCES—HISTORICAL REFERENCES PERSONAL CONTACTS AND/OR OTHER Chelan County Bridge files.										20 URBAN AREA 50 000 POP OR MORE? <input type="checkbox"/> YES <input type="checkbox"/> NO										21 NCRS Region NW										22 PUBLIC ACCESSIBILITY <input type="checkbox"/> YES LIMITED <input 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 type="checkbox"/> NO										NAME										DISTRICT ID NO										(CONT OVER)																			

1465

Name Plate to be placed
on roadway side this post at

End wall steel same
as bridge. (47)

1" Asphaltic filler
5/8" in expansion joint
to bottom of slab

Asphaltic filler to
top of arch rib

5/8" bars (6)

5/8" bars (6)

5/8" bars (6)

5/8" bars (6)

ARCH RIB DATA
Span 128'-0"
Rise 16'-0"
Width = 18'-0"
Depth-crown = 1'-7"
Depth-skewback = 3'-4"

ABUTMENT NO. 1

COLUMN CAP DETAIL
For all spans except approaches

COLUMN BASE DETAIL
For all arch spans

SECTION A-A

SECTION B-B

EXPANSION JOINT DETAIL
Typical for all 1" joints over piers,
except for beam spacing

EXPANSION JOINT AT
THIRD PIER EACH SPAN

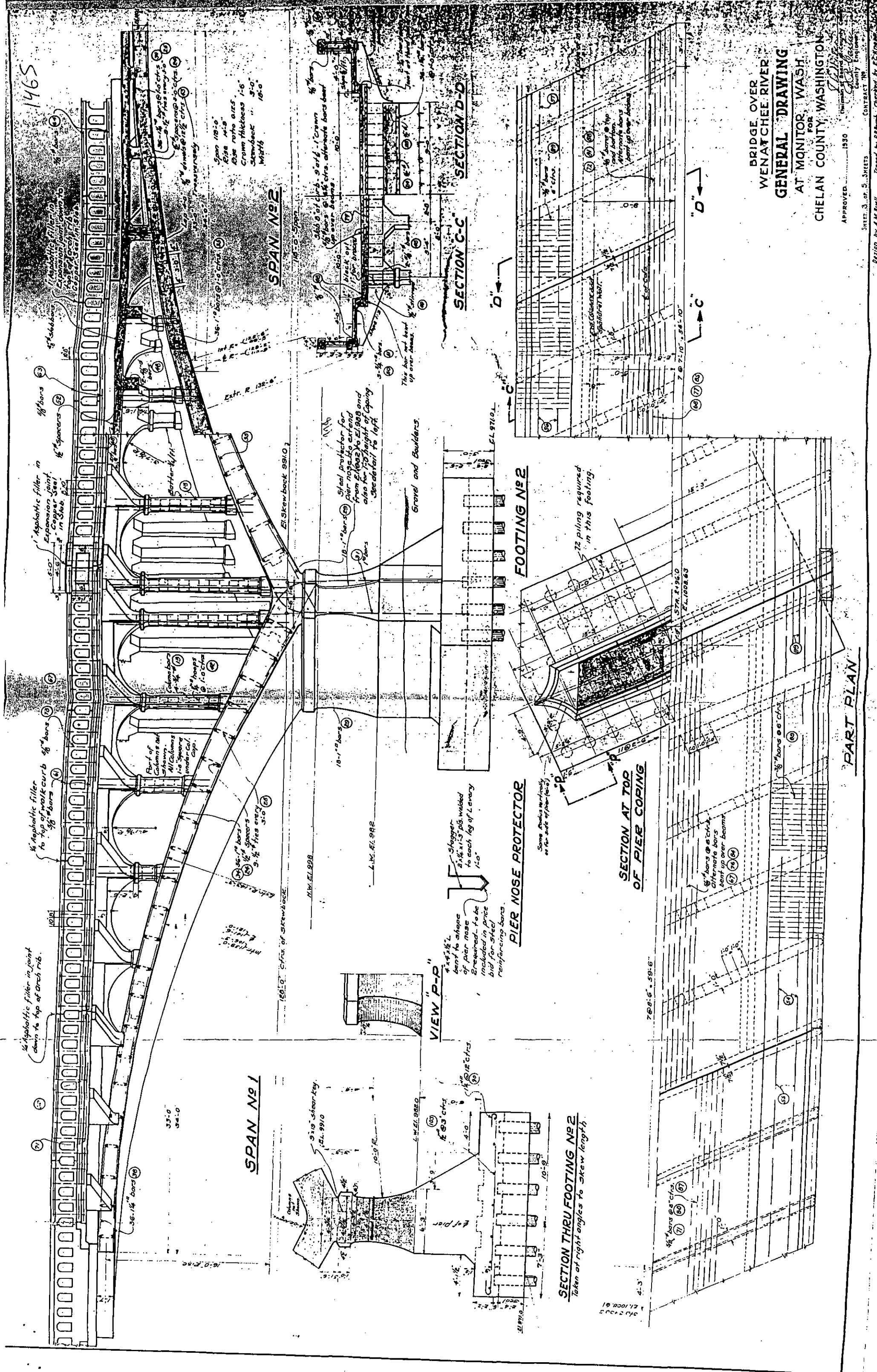
No. 305
BRIDGE OVER
WENATCHEE RIVER
GENERAL DRAWING
AT MONITOR, WASH.
FOR
CHELAN COUNTY, WASHINGTON

APPROVED 1930

SHEET 2 OF 5 SHEETS

CONTRACT NO.

1465



BRIDGE OVER
WENATCHEE RIVER
GENERAL DRAWING
AT MONITOR, WASH FOR
CHELAN COUNTY, WASHINGTON

APPROVED _____ 1930

SHEET 3 OF 5 SHEETS
CONTRACT NO.
COUNTY ENGINEER

Design by A M Ruhl
Traced by D B Webb
Checked by E C Hodge



Historic Property Inventory Report

Location

Field Site No. DAHP No. 04-00231

Historic Name: Monitor Bridge

Common Name:

Property Address: Main St, Crossing Wenatchee River, Monitor, WA 98836

Comments: Chelan County #305

Tax No./Parcel No.

Plat/Block/Lot

Acreage

Supplemental Map(s)

Township/Range/EW	Section	1/4 Sec	1/4 1/4 Sec	County	Quadrangle
T23R19E	14			Chelan	

Coordinate Reference

Easting: 1661783

Northing: 785443

Projection: Washington State Plane South

Datum: HARN (feet)



Historic Property Inventory Report

Identification

Survey Name: Legacy for City of Wenatchee Date Recorded: 01/01/1980

Field Recorder:

Owner's Name:

Owner Address:

City: State: Zip:

Classification:

Resource Status: Comments:

Within a District?

Contributing?

National Register:

Local District:

National Register District/Thematic Nomination Name:

Eligibility Status: Determined Eligible - SHPO

Determination Date: 4/5/2006

Determination Comments: 032906-05-CH

Description

Historic Use: Current Use:

Plan: Stories: Structural System:

Changes to Plan: Changes to Interior:

Changes to Original Cladding: Changes to Windows:

Changes to Other:

Other (specify):

Style: Cladding: Roof Type: Roof Material:

Foundation: Form/Type:

Narrative

Study Unit	Other
Date of Construction:	Builder:
	Engineer:
	Architect:

Property appears to meet criteria for the National Register of Historic Places:

Property is located in a potential historic district (National and/or local):

Property potentially contributes to a historic district (National and/or local):

Statement of
Significance:



Historic Property Inventory Report

Description of

Physical

Appearance:

Major

Bibliographic

References:



Historic Property Inventory Report

Photos



Historic Property Inventory Report

Identification

Survey Name: Legacy for City of Wenatchee Date Recorded: 01/01/1900

Field Recorder:

Owner's Name:

Owner Address:

City: State: Zip:

Classification:

Resource Status: Comments:

Within a District?

Contributing?

National Register:

Local District:

National Register District/Thematic Nomination Name:

Eligibility Status: Not Determined - SHPO

Determination Date: 1/1/0001

Determination Comments:

Description

Historic Use: Current Use:

Plan: Stories: Structural System:

Changes to Plan: Changes to Interior:

Changes to Original Cladding: Changes to Windows:

Changes to Other:

Other (specify):

Style: Cladding: Roof Type: Roof Material:

Foundation: Form/Type:

Narrative

Study Unit	Other
Date of Construction:	Builder:
	Engineer:
	Architect:

Property appears to meet criteria for the National Register of Historic Places:

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Property potentially contributes to a historic district (National and/or local):

Statement of
Significance:



Historic Property Inventory Report

Description of

Physical

Appearance:

Major

Bibliographic

References:



Historic Property Inventory Report

Photos
