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2 INDUSTRIAL CLASSIFICATION Bridges, Trestles, and Aque	educts	/ 5	9	3 PRIORITY	ŕ	4. DANGER OF (SPECIFY T		N? ife expe	DYES ctancy:	□ NO 1999	(<u> </u>
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17 DESCRIPTION AND BACKGROUND HISTORY, INC MATERIALS EXTANT EQUIPMENT, AND IMPORTAL TWO identical single-s	INT BUILDERS ENGI	NEERS.	ετc te t	ied arches	were	constr	ucted I	by the C	olonial	Buildin	ig Coi	npany i	n 1924	over
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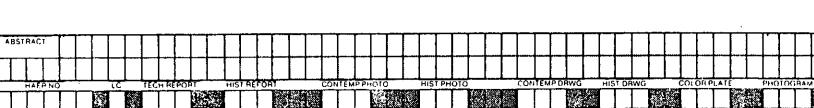
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Description (continued)

REFERENCES (CONTINUED)

the need of massive abutments. Carl Condit points out in his book, <u>American Building Art</u>, that the concrete tied arch demonstrates how techniques commonly used in steel arch construction were adapted to the concrete form. For example, as in steel arch construction, the two arch ribs were connected by struts to provide lateral rigidity against traffic and wind loads. Originally, six reinforced concrete struts connected the Hamma Hamma River arches above the roadway. However, two struts were removed from each bridge to increase the vertical clearance of the two spans.

The North and South Hamma Hamma River Bridges are two of five concrete tied arches within the State. Of the five bridges, their arch spans are the longest. Although there are examples of tied arches that were built throughout the 20's and 30's, it is a rare concrete arch form.

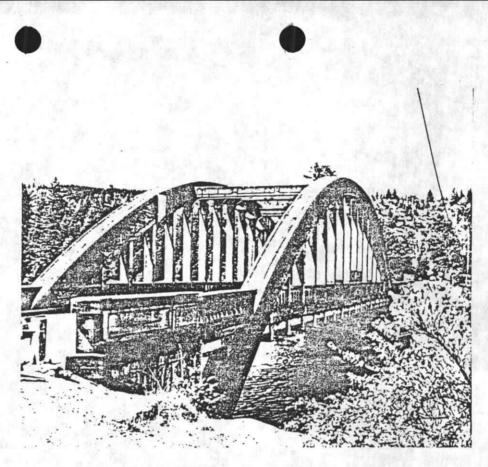


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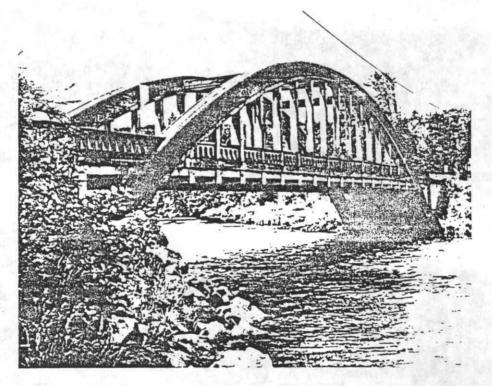
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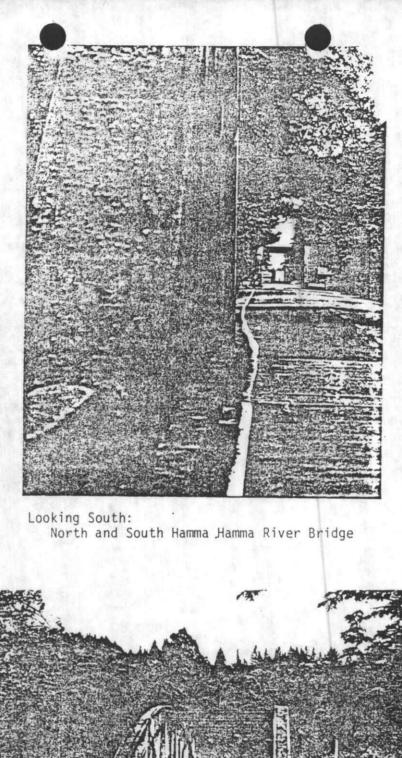
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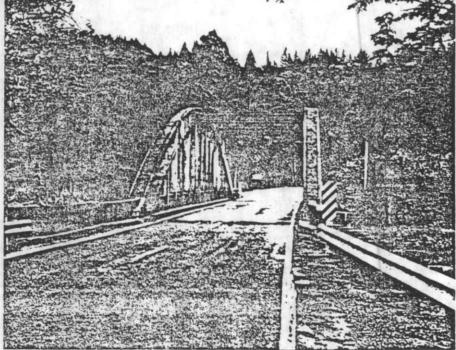


South Hamma Hamma River Bridge



South Hamma Hamma River Bridge





North Hamma Hamma River Bridge

SOUTH HAMMA HAMMA BRIDGE

MS 00 62









Historic Name: South Hamma Hamma River Bridge

Address: Spans South Hamma Hamma River City: Eldon County: Mason Download nomination form

Historic Use: Transportation Style: None Built: 1924 Architect: Builder: Colonial Building Company

Statement of Significance

Smithsonian Number: 45MS00062 Date Listed: 7/16/1982 Listing Status: WHR/NR Classification: STR Resource Count: 1 Area of Significance: Engineering Level of Significance: State Listing Criteria: C

Photos

