

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section number _____ Page _____

SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: Various Date Listed: 9/30/88

<u>Various</u>	<u>Various</u>	<u>Arizona</u>
Property Name	County	State

Vehicular Bridges in Arizona
Multiple Name

This property is listed in the National Register of Historic Places in accordance with the attached nomination documentation subject to the following exceptions, exclusions, or amendments, notwithstanding the National Park Service certification included in the nomination documentation.

for <u>Patrick Andrews</u>	<u>9/30/88</u>
Signature of the Keeper	Date of Action

Amended Items in Nomination:

There were several nominations included with this multiple property submission which defined and justified periods of significance extending into the less than fifty year old range to correspond with criterion A significance although the resources' dates of construction actually occurred well over fifty years ago. For all of these bridges, the period of significance should be concluded in 1938 to conform with National Register requirements. The following bridges are included in this category:

Petrified Forest, Querino, Hereford, Douglas Underpass, Dead Indian Canyon, Pumphouse Wash, Walnut Canyon, Fossil Creek, Black River, Salt River, Salt River Canyon, Reppy Avenue, Black Gap, Gila River, Park Avenue, Solomonville Road Overpass, Solomonville Road Overpass (Clifton), Gila Bend Overpass, Hassayampa River, Lewis and Pranty Creek, Mormon Flat, Fish Creek, Pine Creek, Sand Hollow Wash, Old Trails, Corduroy, Cedar Canyon, Holbrook, Jack's Canyon, Little Lithodendron Wash, Lithodendron Wash, St. Joseph, Woodruff, Cienega, Fourth Avenue Underpass, Sixth Avenue Underpass, Stone Avenue Underpass, Alchey Canyon, Devil's Canyon, Queen Creek (Florence Junction vicinity), Queen Creek (Superior vicinity), Kelvin, Mineral Creek, Sacaton Dam, San Tan Canal, Winkelman, Santa Cruz No. 1, Broadway, Hell Canyon, Little Hell Canyon, Lynx Creek, Verde River, and Walnut Grove. (Period of significance issues discussed with Pat Stein of the AZ SHPO.)

DISTRIBUTION:

National Register property file
Nominating Authority (without nomination attachment)

HABS/HAER INVENTORY

See "HABS/HAER Inventory Guidelines" before filling out the card.

1630

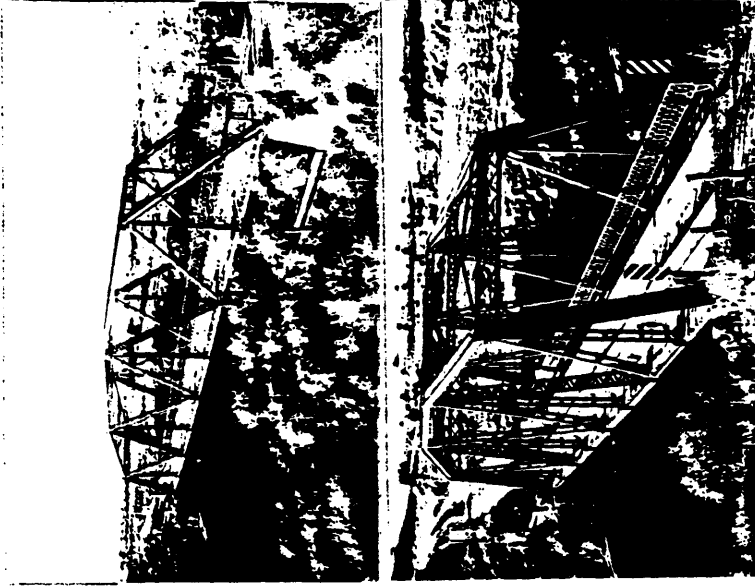
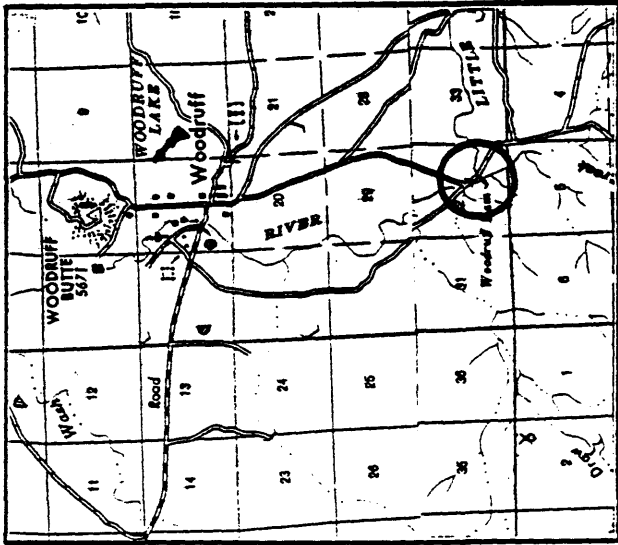
1. NAME(S) OF STRUCTURE Woodruff Bridge (Little Colorado River Bridge, Winslow Bridge (before move))	ADOT: 8156	3. DATE(S) OF CONSTRUCTION 1917; mc1940
2. LOCATION Woodruff-Snowflake Road over the Little Colorado River 4 miles south of Woodruff; SE1/4 S32 T16N R22E Navajo County, Arizona		4. USE (ORIGINAL/CURRENT) highway bridge / roadway bridge
5. RATING NRHP eligible: local significance		
6. CONDITION fair; sufficiency rating: 18.5	owner: Navajo County	
span number : 1 span length : 120.0' total length: 121.4' roadway wdt.: 13.2'	superstructure: riveted steel, 8-panel Warren through truss w/ verticals at alt. panel pts. substructure : stone masonry abutments and wingwalls floor/decking : timber deck other features: upper chord: 2 channels w/ cover plate and webbing; lower chord: 2 angles w/ batten plates; vertical: 2 angles w/ batten plates; diagonal: 4 angles w/ batten plates / 2 channels w/ webbing; 4 angles w/ webbing; lateral bracing: 1 angle; floor beam: I beam; steel lattice guardrails; field bolted connections from dismantling and re-erection	
7. DESCRIPTION The Lyman Dam at St. Johns collapsed on April 14, wiping out most of the bridges over the Little Colorado River between St. Johns and Winslow. To finance the enormous reconstruction effort, Navajo County in January 1916 voted a \$63,000 bond issue. The board of supervisors in June advertised for proposals for 7 bridges, including one over the Little Colorado east of Winslow, and the next month eight companies responded with designs and bids. For the Winslow Bridge, the board contracted with Los Angeles-based Mesmer and Rice, lowest bidder at \$23,800. The U.S. Indian Service paid half of this cost. Using steel rolled by Lackawanna and fabricated by the American Bridge Company of Chicago, the contractors worked on the 4-span through truss until their dismissal by the county after numerous disputes. The Omaha Structural Steel Works completed the bridge in December 1917 and added a pony truss the following year. The Winslow Bridge carried U.S. 66 traffic until its replacement in 1939. Navajo County then re-erected one of the trusses on this secondary road crossing of the Little Colorado River, where it functions today. The Little Colorado River presented one of the most formidable obstacles to transcontinental traffic across Arizona on the Old Trails Highway. The Winslow crossing was one of the more important on the highway's route, erected by the county as the state highway department was in its formative state. Multi-span through trusses such as this were unusual in Arizona, and only two remain intact today: the Gillespie Dam Bridge and the Boulder Creek Bridge, which itself uses trusses from an earlier structure. Navajo County's slavage of this truss is typical of another trend in the state: the moving of trusses from major arterials to secondary routes. Several trusses in the inventory have been dismantled, moved and re-erected in this fashion. Finally, the Woodruff Bridge is technologically notable as the only example in the state of an atypical truss type. Although the Warren truss became a standard vehicular configuration around the country in the 1920s, polygonal chorded examples are rare.		
8. HISTORICAL DATA		
9. SIGNIFICANCE		

NPS FORM 10-900 (4/66)

Historic American Buildings Survey / Historic American Engineering Record
National Park Service, U.S. Department of the Interior, P.O. Box 37127, Washington, DC 20013-7127

10. NAME(S) OF STRUCTURE
Woodruff Bridge; (Little Colorado River Bridge; Winslow Bridge)

11. PHOTOS (W/ FILM ROLL & FRAME NO.) AND SKETCH MAP OF LOCATION



LOCATION MAP
TAKEN FROM DEPARTMENT OF TRANSPORTATION
GENERAL HIGHWAY MAP

Bridge Record, Arizona City Streets and County Roads: 8156; Structures Section, Arizona Department of Transportation, Phoenix AZ.

Proceedings of the Navajo County Board of Supervisors: 1 November 1915 (Book 4, page 112); 5 January 1916 (Book 4, pages 140-41); 24 January 1916 (Book 4, pages 184-87); 6 April 1916 (Book 4, pages 205-08); 6 June 1916 (Book 4, page 245); 3 July 1916 (Book 4, page 253); 9 August 1916 (Book 4, pages 279-83); 11 June 1917 (Book 5, page 26).

W.C. Nichols, "Failure of Lyman Dam, Arizona," Engineering News, Vol. 73, No. 16, page 794.

Arizona Highways: 3:1939:42.

Field inspection by Clayton Fraser, 9 October, 1986.
13. INVENTORIED BY: AFFILIATION

Clayton B. Fraser

Fraserdesign Loveland Colorado

DATE

1 April 1987