

HABS/HAER INVENTORY

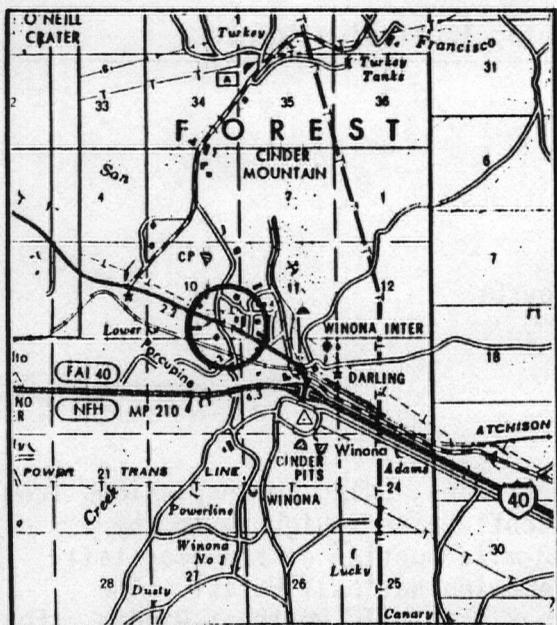
See "HABS/HAER Inventory Guidelines" before filling out this card.

1. NAME(S) OF STRUCTURE Walnut Canyon Bridge		3. DATE(S) OF CONSTRUCTION 1923-24
2. LOCATION Townsend-Winona Highway Winona vicinity; SE1/4 S10 T21N R9E Coconino County, Arizona		4. USE (ORIGINAL/CURRENT) roadway bridge / roadway bridge
5. RATING NRHP eligible: local significance		
6. CONDITION good; sufficiency rating: 29.9 span number : 1 span length : 101.0' total length: 124.0' roadway wdt.: 19.0' superstructure: riveted steel, 5-panel Parker through truss substructure : concrete abutments and wingwalls floor/decking : concrete deck over steel stringers other features: steel lattice guardrails w/ concrete curbs		
7. DESCRIPTION In 1922, the U.S. Bureau of Public Roads undertook two major roadbuilding projects in Arizona, using appropriations from the federal Forest Highways Fund. The first involved a 15.58-mile section of the Prescott-Phoenix Highway in the Prescott National Forest between Prescott and White Spar. The second involved a 23.43-mile portion of the Flagstaff-Winslow Highway (later U.S. 66) which stretched between Flagstaff and Angel through Coconino National Forest. The largest structure involved on the Flagstaff-Angel Project was a crossing of Walnut Creek, one mile north of Winona. For this, BPR engineers in Phoenix designated a straightforward bridge, using a standard design: a medium-span riveted through truss. The drawings were completed in December 1922, the project let for bids early the following year. The Walnut Canyon Bridge was completed by June 1924. Although the highway was subsequently realigned, it remains intact as a county structure.		
8. HISTORICAL DATA In addition to the \$75,000,000 per annum appropriated by Congress for federal highways in the early 1920s, \$6,500,000 was appropriated for construction of forest highways in the country's national forests. Based upon the appropriation, Arizona received \$216,507 in 1922. The Forest Highway funds could be used for local as well as state roads. The Walnut Canyon Bridge later became a part of U.S. Highway 66 - the major east-west transcontinental route across northern Arizona - and is historically significant as an early component of this important route. Technologically, the bridge is typical. Of the four riveted Parker through trusses in the inventory, the Walnut Canyon Bridge has the shortest span and is exceeded in age by only the Salt River Bridge (1920).		
9. SIGNIFICANCE		

10. NAME(S) OF STRUCTURE

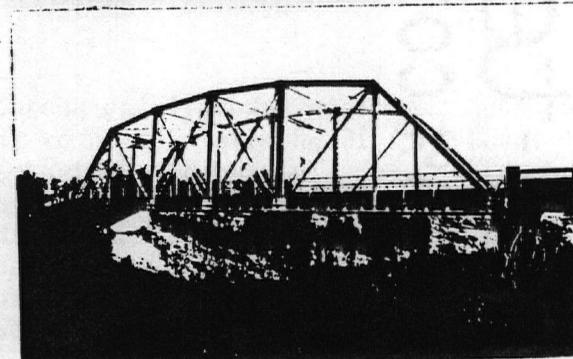
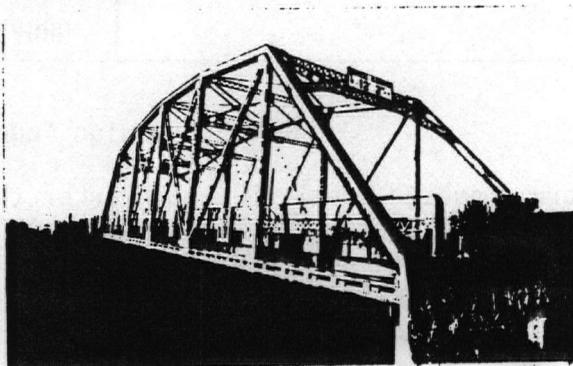
Walnut Canyon Bridge

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: 1922-9225; Structures Section, Arizona Department of Transportation, Phoenix AZ.

Sixth Biennial Report of the State Engineer of Arizona, 1922-1924 (Phoenix: Manufacturing Stationers, Inc., 1924)
pages 122-23.

Original construction drawings in bridge files, Structures Section, Arizona Department of Transportation, Phoenix AZ.
Field inspection by Clayton Fraser, 7 October 1986.

13. INVENTORIED BY:

Clayton B. Fraser

AFFILIATION

Fraserdesign Loveland Colorado

DATE

1 April 1987

8/17/08

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

Section number _____ Page _____

Multiple Resource Area
Thematic GroupName Vehicular Bridges in Arizona MPS
State Apache County and others, ARIZONA

Nomination/Type of Review

Date/Signature

11. Midgley, W.W. Bridge Substantive Review for Keeper Bruce J. Noble, Jr. 3/31/89
Attest _____

12. Pumphouse Wash Bridge Substantive Review for Keeper Patrick Andrus 9/30/88 SCR
Attest _____

13. Walnut Canyon Bridge Substantive Review for Keeper Patrick Andrus 9/30/88 SCR
Attest _____

14. Gila County
Black River Bridge Substantive Review for Keeper Patrick Andrus 9/30/88 SCR
Attest _____

15. Cordova Avenue Bridge Substantive Review for Keeper Bruce J. Noble, Jr. 3/31/89
Attest _____

16. Fossile Creek Bridge Substantive Review for Keeper Patrick Andrus 9/30/88 SCR
Attest _____

17. Inspiration Avenue Bridge Substantive Review for Keeper Bruce J. Noble, Jr. 3/31/89
Attest _____

18. Keystone Avenue Bridge Substantive Review for Keeper Bruce J. Noble, Jr. 3/31/89
Attest _____

19. Miami Avenue Bridge Substantive Review for Keeper Bruce J. Noble, Jr. 3/31/89
Attest _____

20. Reppy Avenue Bridge Substantive Review for Keeper Patrick Andrus 9/30/88 SCR
Attest _____

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

Section number _____ Page _____

SUPPLEMENTARY LISTING RECORD

NRIS Reference Number: VariousDate Listed: 9/30/88Various
Property NameVarious
CountyArizona
StateVehicular 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 Patrick Andrus
Signature of the Keeper9/30/88
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, Alchesay 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)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY NAME: Walnut Canyon Bridge

MULTIPLE NAME: Vehicular Bridges in Arizona MPS

STATE & COUNTY: ARIZONA, Coconino

DATE RECEIVED: 8/17/88 DATE OF PENDING LIST: 8/30/88
DATE OF 16TH DAY: 9/15/88 DATE OF 45TH DAY: 10/01/88
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 88001660

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: Y LANDSCAPE: N LESS THAN 50 YEARS: Y
OTHER: N PDIL: N PERIOD: Y PROGRAM UNAPPROVED: N
REQUEST: N SAMPLE: N SLR DRAFT: N

COMMENT WAIVER: N

ACCEPT RETURN REJECT 9/30/88 DATE

ABSTRACT/SUMMARY COMMENTS:

ABSTRACT/SUMMARY COMMENTS (CONTINUED FROM PREVIOUS SIDE)

Nomination acceptable. SLR form completed to resolve period of significance issue.

Decision: Accept - AJC
Date: 9/30/88
Signature: Noble
Title: Historian

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

CLASSIFICATION

count resource type

STATE/FEDERAL AGENCY CERTIFICATION

FUNCTION

historic current

DESCRIPTION

architectural classification materials descriptive text

SIGNIFICANCE

criteria criteria considerations areas of sig.
 periods of sig. significant dates cultural affl.
 sig. person architect/builder sig. statement

BIBLIOGRAPHY

GEOGRAPHICAL DATA

acreage verbal boundary description
 UTM's boundary justification

ACCOMPANYING DOCUMENTATION/PRESENTATION

sketch maps USGS maps photographs presentation

OTHER COMMENTS

Questions concerning the nomination may be directed to

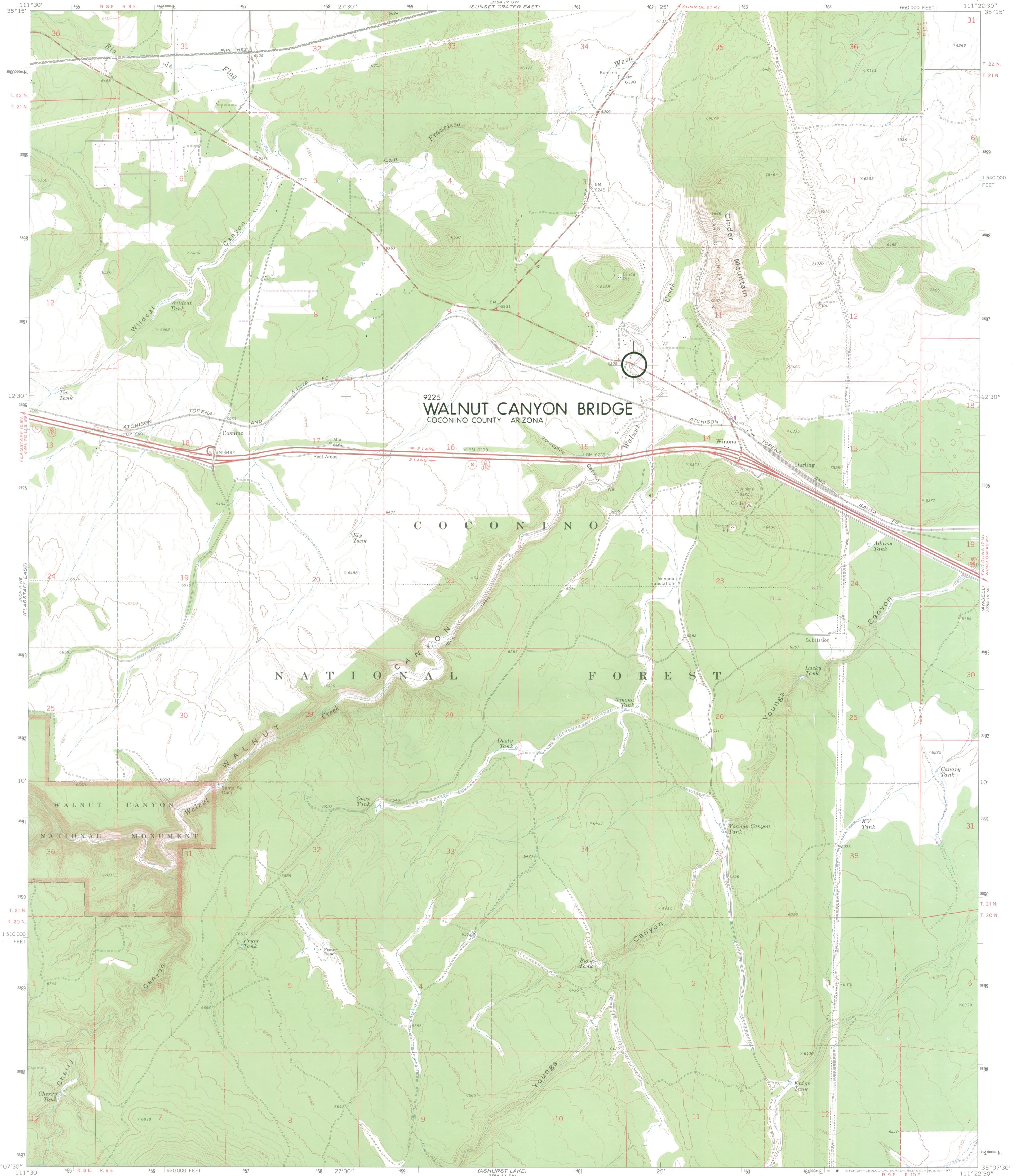
Signed _____ Date _____ Phone _____



58) 9225 WALNUT CANYON BRIDGE (ARIZONA VEHICULAR BRIDGE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WINONA QUADRANGLE
ARIZONA—COCONINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



lapped, edited, and published by the Geological Survey
control by USGS and NOS/NOAA

topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968
polyconic projection. 1927 North American datum

olyconic projection. 1927 North American datum
0,000-foot grid based on Arizona coordinate system, central zone
0,000-metre Universal Transverse Mercator grid ticks,
one 12, shown in blue
The red dashed lines indicate selected fence lines.

line red dashed lines indicate selected fence lines
revisions shown in purple compiled from aerial photo
taken 1974. This information not field checked

UTM GRID AND 1974 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Heavy-duty  Light-duty

Medium-duty Unimproved dirt

 Interstate Route U. S. Route

WINONA, ARIZ.

N3507.5—W11122.5/7.5

1968
PHOTOREVISED 1974

WINONA, ARIZ.
N3507.5—W11122.5/7.5

1968
PHOTOGRAPHED 1974

1988
PHOTOREVISED 1974
S 3754 III NW—SERIES V898