

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

Requested Action: Removal

Property Name: Southern Pacific Railroad: Ogden-Lucin Cut-Off Trestle

Multiple Name: _____

State & County: UTAH, Box Elder

Date Received: 9/12/2018 Date of Pending List: 10/5/2018 Date of 16th Day: 10/22/2018 Date of 45th Day: 10/29/2018 Date of Weekly List: _____

Reference number: OT72001257

Nominator: State

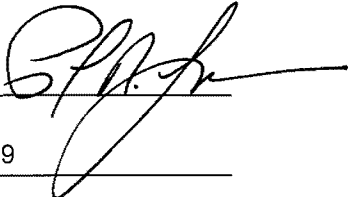
Reason For Review: _____

X Accept Return Reject 10/23/2018 Date

Abstract/Summary Comments: Approval of Removal from listing in the National Register of Historic Places

Subsequent to listing (circa 1990-2010) the wooden railroad trestle was demolished and has been replaced by a modern rock and earth-fill causeway. The resource has effectively lost those physical characteristics for which it was originally listed and no longer conveys its historic significance.

Recommendation/ Criteria Remove

Reviewer Paul Lusignan  Discipline Historian

Telephone (202)354-2229 Date 10/23/2018

DOCUMENTATION: see attached comments : No see attached SLR : No

If a nomination is returned to the nomination authority, the nomination is no longer under consideration by the National Park Service.

National Register Request for Removal Form—State of Utah

(Revised April 2009)

Under very special circumstances, such as demolition or loss of historic integrity, a property can be removed from the National Register of Historic Places. To request removal, this application form must be completed.

Historic Building Information

Historic building name OGDEN-LUCIN CUTOFF TRESTLE

Historic building address and city Across the Great Salt Lake

Current owner Union Pacific Railroad, ATTN: Nathan Anderson, Director, Public Affairs

Current owner mailing address 280 S 400 W

City Salt Lake City State UT Zip 84101

Applicant Information (petitioner requesting removal)

Name Utah State Historic Preservation Office Email

Mailing Address 300 S Rio Grande St

City Salt Lake City State UT Zip 84101

Phone numbers: Daytime: Mobile:

Applicant signature _____ Date ____ / ____ / ____

Reason for Removal (please check one)

- The property has been demolished
- The qualities which caused the property to be listed have been significantly altered
- Additional information shows the property does not meet the NR criteria for evaluation
- Error in professional judgment as to whether the property meets criteria for evaluation

Provide explanation Trestles were dismantled in the early 1990s

Properties may also be removed from the National Register because of prejudicial procedural error in the nomination or listing process; properties shall be reconsidered for listing by the Keeper after correction of the procedural error(s). Properties listed prior to December 13, 1980 may only be removed on the grounds the property has been demolished or significantly altered.



Attachments

Please attach additional supporting documentation for removal along with the application form.

- Photographs
- Newspaper clippings
- Other documentation:

Process

Within 45 days of receiving a completed and adequately documented application the State Historic Preservation Office will notify the affected owner(s) and chief elected official, allowing them an opportunity to comment on the petition. The State Historic Preservation Office will also forward the petitioner's application to the Board of State History (State Historic Preservation Review Board) for consideration at the next scheduled quarterly board meeting. After being considered by the Board, the State Historic Preservation Officer will then forward the petition, along with all comments, to the Keeper of the National Register of Historic Places, who makes all final determinations regarding removal of National Register properties. The Keeper shall respond to a petition within 45 days of receipt. The owner and elected official will be notified of the Keeper's final decision.



1. Former location, Ogden - Lucin Cutoff Trestle

(NRIS# 72001257)

Box Elder County, Utah



2. Former location, Ogden-Lucien Cut off Trestle

(NRIS#72001257)

Box Elder County, Utah

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Type all entries - complete applicable sections)

STATE: Utah	
COUNTY: Box Elder	
FOR NPS USE ONLY	
ENTRY NUMBER APR 14 1972	DATE



1. NAME

COMMON: **Southern Pacific Railroad
Ogden-Lucin Cut-Off Trestle**

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER: **North Arm of the Great Salt Lake**

CITY OR TOWN: **30 Miles West of Ogden, Utah**

STATE: **Utah** CODE: **49** COUNTY: **Box Elder** CODE: **003**

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Site <input type="checkbox"/> Building <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Object	<input type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> Both	<input checked="" type="checkbox"/> Occupied <input type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress	Yes: <input checked="" type="checkbox"/> Restricted <input type="checkbox"/> Unrestricted <input type="checkbox"/> No
PRESENT USE (Check One or More as Appropriate)			
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input checked="" type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify) _____ _____ _____

4. OWNER OF PROPERTY

OWNER'S NAME: **Southern Pacific Railroad**

STREET AND NUMBER: **401 I Street**

CITY OR TOWN: **Sacramento** STATE: **California** CODE: **95814** CODE: **06**

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.: **Box Elder County Court House**

STREET AND NUMBER:

CITY OR TOWN: **Brigham City** STATE: **Utah** CODE: **49**

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY: **Historic American Engineering Record**

DATE OF SURVEY: **1971** Federal State County Local

DEPOSITORY FOR SURVEY RECORDS: **Library of Congress**

STREET AND NUMBER: **Prints and Photographs Division**

CITY OR TOWN: **Washington, D. C. 20540** STATE: **-** CODE: **11**

SEE INSTRUCTIONS

STATE: **Utah**

COUNTY: **Box Elder**

ENTRY NUMBER: **APR 14 1972**

DATE

FOR NPS USE ONLY

7. DESCRIPTION

CONDITION	(Check One)					
	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Deteriorated	<input type="checkbox"/> Ruins	<input type="checkbox"/> Unexposed
	(Check One)			(Check One)		
	<input checked="" type="checkbox"/> Altered	<input type="checkbox"/> Unaltered	<input type="checkbox"/> Moved	<input checked="" type="checkbox"/> Original Site		

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

Approximately 12 miles of temporary trestle (four - 40 foot piles per bent) and 11 miles of permanent trestle (five - 70 foot piles per bent) were constructed in addition to the 10 miles of fill.

The permanent bents, which were spaced approximately 15 feet on center, were constructed of 5 fir piles tied together on the top with a 24" x 14" cap and on each side of the piles at approximately the water level with a sash brace and in addition with diagonal sway braces bolted in opposite direction on each side. More recently, circa 1932, two additional piles were placed (a total of seven) in an effort add stability to each bent.

The platform upon which the rails, ties and ballast are placed was constructed of 8" x 6" stringers and the later, c. 1932, addition of 4 - 8" x 8" helper stringers with a redwood deck that was topped with a sealing membrane.

The present 11.88 mile trestle consists of the original permanent structure in addition to the engle siding which is built over the temporary trestle piling. Today the trestle supplements the adjacent causeway (c. 1959) with overload and emergency rail traffic.

SEE INSTRUCTIONS



8. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- Pre-Columbian | 16th Century | 18th Century | 20th Century
 15th Century | 17th Century | 19th Century

SPECIFIC DATE(S) (If Applicable and Known)

1902 - 1904

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Aboriginal | <input type="checkbox"/> Education | <input type="checkbox"/> Political | <input type="checkbox"/> Urban Planning |
| <input type="checkbox"/> Prehistoric | <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Religion/Philosophy | <input type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Historic | <input type="checkbox"/> Industry | <input type="checkbox"/> Science | _____ |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Invention | <input type="checkbox"/> Sculpture | _____ |
| <input type="checkbox"/> Architecture | <input type="checkbox"/> Landscape Architecture | <input type="checkbox"/> Social/Humanitarian | _____ |
| <input type="checkbox"/> Art | <input type="checkbox"/> Literature | <input type="checkbox"/> Theater | _____ |
| <input type="checkbox"/> Commerce | <input type="checkbox"/> Military | <input type="checkbox"/> Transportation | _____ |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Music | | _____ |
| <input type="checkbox"/> Conservation | | | _____ |

STATEMENT OF SIGNIFICANCE

The Ogden-Lucin Cut-Off, built 1902-1904, by the Southern Pacific Railroad across the Great Salt Lake is possibly the most noteworthy engineering achievement of bridge and fill work in the United States. William Hood, chief engineer of the Southern Pacific, supervised the construction which involved a magnitude of unique problems due to the unpredictability of the salt and mud lake bottom.

The cut-off eliminated 44 miles of extreme grades and curves found on the original transcontinental route through the Promontory mountains. The new route ran 20 miles west from Ogden to the Great Salt Lake, crossed the lake at Promontory Point, and continued for 50 miles over the Great Salt Desert to Lucin.

SEE INSTRUCTIONS



9. MAJOR BIBLIOGRAPHICAL REFERENCES

Engineering News, Vol. XLVIII, Nov. 27, 1902, p. 22.

"Construction Work of the Southern Pacific Cut-Off Across the Great Salt Lake, Utah." by C. W. Arthur, C. E.

The Scientific American Supplement No. 1481, May 21, 1904, "Railroading Across Great Salt Lake" by Herbert I. Bennett.

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY				O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES				
CORNER	LATITUDE				LONGITUDE				
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
NW	41°	12'	75"	112°	45'	33"			
NE	41°	13'	00"	112°	31'	41"			
SE	41°	12'	59"	112°	31'	41"			
SW	41°	12'	74"	112°	45'	33"			

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: 143

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY:	CODE

11. FORM PREPARED BY

NAME AND TITLE: **Burtch Beall, Jr. A.I.A.**

ORGANIZATION: **Historic American Engineering Record** DATE: **Dec. 1971**

STREET AND NUMBER: **University of Utah - Department of Architecture**

CITY OR TOWN: **Salt Lake City, Utah** STATE: **Utah** CODE: **49**

12. STATE LIAISON OFFICER CERTIFICATION

As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:

National State Local

Name: Milton L. Weilenmann

Title: Utah State Liaison Officer

Date: 17 December 1971

NATIONAL REGISTER VERIFICATION

I hereby certify that this property is included in the National Register.

Robert M. Utley
Chief, Office of Archeology and Historic Preservation
4/14/72

Date: _____

ATTEST:
[Signature]
Keeper of The National Register

Date: April 10, 1972

NO
UTM
D

SEE INSTRUCTIONS

Latitude
Correct



TYPICAL BENT

24" x 14" CAP

SWAY BRACE

FIR BRACE PILING

(ca. 1932) MAXIMUM LENGTH APPROXIMATELY 120'

ORIGINAL FIR PILING

(6 PILING PER BENT)

MAXIMUM LENGTH APPROXIMATELY 70'

SASH BRACE

FEDWOOD DECK

SEALING MEMBRANE

150# RAIL (80# ORIGINAL)

CROSS TIE

TIE PLATE

CRUSHED ROCK BALLAST

KNEE BRACE

BALLAST HEADERS

STRINGER (6" x 10")

24" x 14" CAP

(ORIGINAL 12" x 14")

ORIGINAL FIR PILING

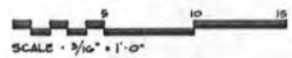
FIR BRACE PILING (ca. 1932)

SWAY BRACE

SASH BRACE

GALVANIZED BOLT w/ CAST IRON WASHERS

TYPICAL ISOMETRIC



DRAWN BY: ROBERT J. McNAUL, M.T.I.

STATE OF UTAH SURVEY
 OFFICE OF ARCHAEOLOGY & HISTORIC PRESERVATION
 UNDER DIRECTION OF THE NATIONAL PARK SERVICE
 UNITED STATES DEPARTMENT OF THE INTERIOR

GREAT SALT LAKE,

NAME AND LOCATION OF STRUCTURE

OGDEN-LUCIN CUT-OFF TRETTLE

BOX ELDER COUNTY,

UTAH

RECORD NO.

UTAH

13

HISTORIC AMERICAN

ENGINEERING RECORD

SHEET 5 OF 5 SHEETS

LIBRARY OF CONGRESS

INDEX NUMBER

Eden Lucian cut off Crestle

DATE OF RECEIPT 1/10/72

YES NO NUMBER REGISTER:
4/14/72

DATA PAGE

12/13/72

PHOTO (S)
PHOTO DESCRIPTION (S)
MAP (S)
MAP DESCRIPTION (S)
LOGGED
ACKNOWLEDGE 1/10/72
RESUBMIT



2
2
72001257

Tech ok 3-21-72 jlj

REVIEW
HISTORIAN *OK Means 3/30/72*
Olay, Sails 3/24/72

ARCHEOLOGIST
ARCHITECT *OK Chambers 3-24-72*

ASST. KEEPER
KEEPER *MS found 4/10/72*

WRITER/EDITOR *would be helpful if in #8 they described why it is noteworthy achievement of bridge work in U.S. -- check with HAER. otherwise OK*

DIRECTOR, OAHF
EDITORIAL PROCESSING, EDITOR *HAER!* *OK CDA 4/6/72*

Federal Registry Entry 6-6-72 Annual Edition Entry

Logged APR 14 1972 Card APR 14 1972

COMMENTS: WORKING NUMBER 1.10.72. 62

CONGRESSIONAL DISTRICT: K. Gunn McKay



F-1

NPS Number 4/14/72
Title: Ogden-hurri Cut-off Trestle
Box Elder, Utah
Loc. Aerial View

①

F 1

41%

PROPERTY OF THE NATIONAL REGISTER

Jacket 533.183 Illus. No. 1270
Width 29 Depth 53 Focus 5/5 %
*Sg Ht. [] Line [] Comp. [] Sil'te [] Broad
INCLUDES BLEED

418



NPS Number

4/14/72

Title:

Agden-Lavin Cut-off Trestle

Box holder, Utah

Loc.

Close Up

9

PROPERTY OF THE NATIONAL REGISTER

Form 10-301
(July 1969)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY MAP FORM

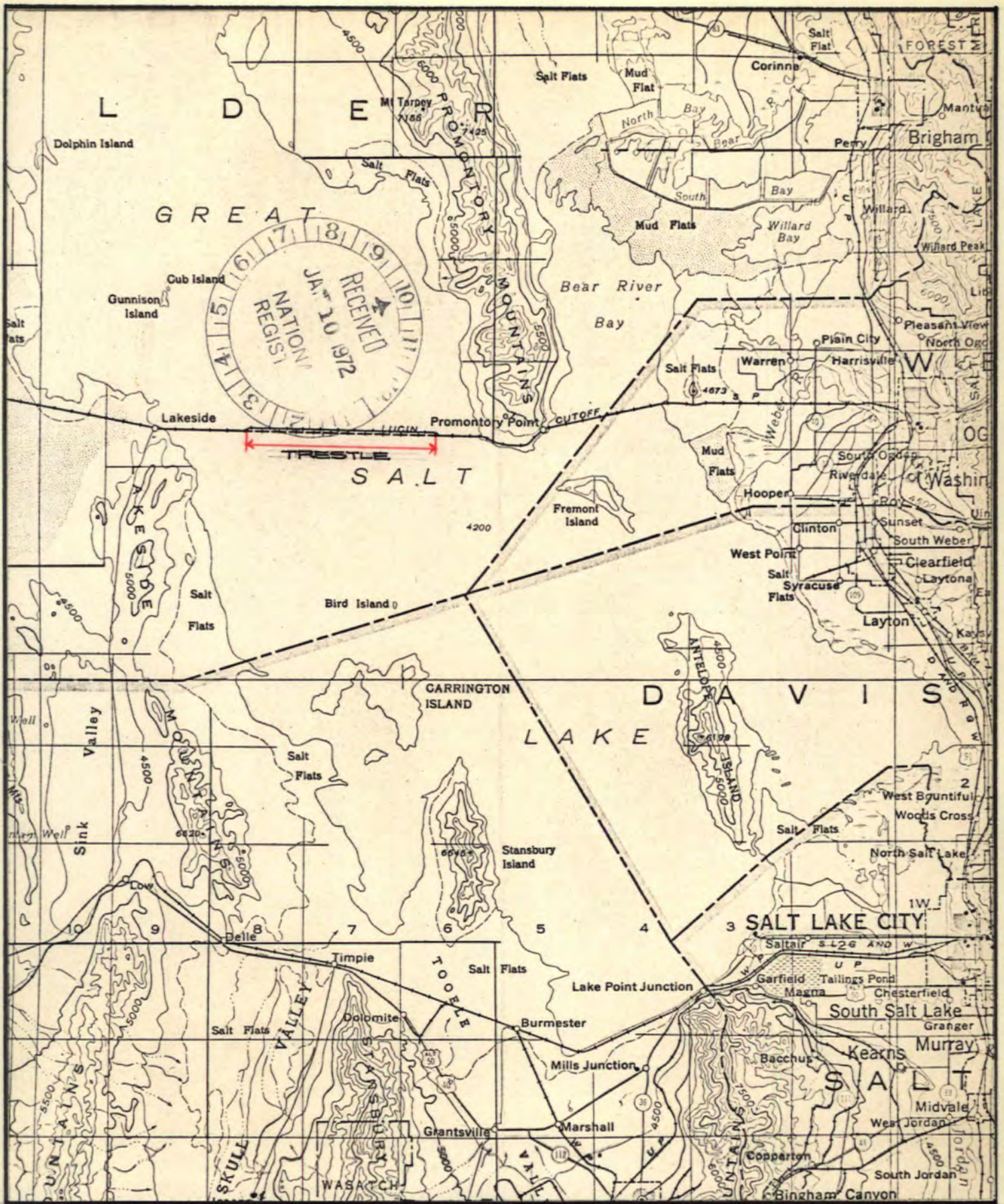
(Type all entries - attach to or enclose with map)

STATE		Utah
COUNTY		Box Elder
FOR NPS USE ONLY		
ENTRY NUMBER	DATE	
APR 14 1972		

SEE INSTRUCTIONS

1. NAME			
COMMON: Ogden - Lucin Cut Off Trestle			
AND/OR HISTORIC:			
2. LOCATION			
STREET AND NUMBER:			
Great Salt Lake			
CITY OR TOWN:			
West of Ogden			
STATE:	CODE	COUNTY:	CODE
Utah	49	Box Elder	003
3. MAP REFERENCE			
SOURCE:			
U. S. Geological Survey Map - State of Utah			
SCALE: 1" = 8 miles			
DATE: 1959			
4. REQUIREMENTS			
TO BE INCLUDED ON ALL MAPS			
1. Property boundaries where required.			
2. North arrow.			
3. Latitude and longitude reference.			





OGDEN-LUCIN CUT OFF TRESTLE

GREAT SALT LAKE
BOX ELDER COUNTY, UTAH

DATE: DEC 1971
SCALE: 1" = 6 MILES

	LATITUDE	LONGITUDE
ZW	41°-12'-75"	112°-45'-33"
ZB	41°-13'-0"	112°-31'-41"
BM	41°-12'-59"	112°-31'-41"
OW	41°-12'-74"	112°-45'-33"

**NATIONAL REGISTER OF HISTORIC PLACES
PROPERTY MAP FORM**

(Type all entries - attach to or enclose with map)

STATE Utah	
COUNTY Box Elder	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
APR 14 1972	

SEE INSTRUCTIONS

1. NAME

COMMON: Ogden - Lucin Cut Off Trestle

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER:

Great Salt Lake

CITY OR TOWN:

West of Ogden

STATE:

Utah

CODE

49

COUNTY:

Box Elder

CODE

003

3. MAP REFERENCE

SOURCE: Historic American Engineering Record
Utah #13 - Sheet 2 of 5

SCALE: 1" = 2 miles

DATE: 1971

4. REQUIREMENTS

TO BE INCLUDED ON ALL MAPS

1. Property boundaries where required.
2. North arrow.
3. Latitude and longitude reference.



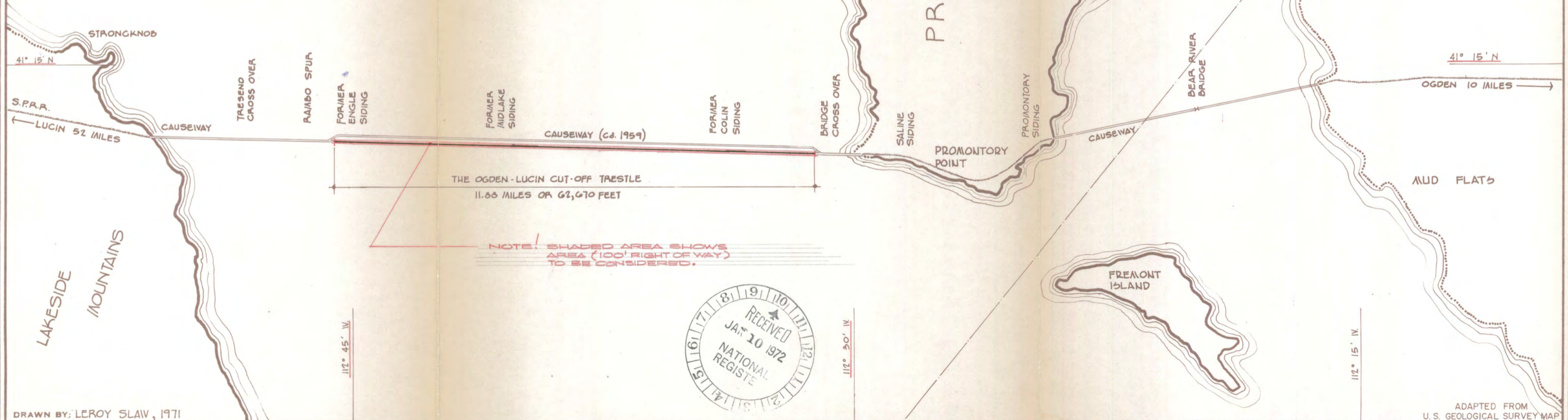
THE OGDEN - LUCIN CUT-OFF TRESTLE

THE OGDEN-LUCIN CUT-OFF, BUILT 1902-1904, BY THE SOUTHERN PACIFIC RAILROAD ACROSS THE GREAT SALT LAKE IS POSSIBLY THE MOST NOTEWORTHY ENGINEERING ACHIEVEMENT OF BRIDGE AND FILL WORK IN THE UNITED STATES. WILLIAM HOOD, CHIEF ENGINEER OF THE SOUTHERN PACIFIC, SUPERVISED THE CONSTRUCTION WHICH INVOLVED A MULTITUDE OF UNIQUE PROBLEMS DUE TO THE UNPREDICTABILITY OF THE SALT AND MUD LAKE BOTTOM.

THE CUT-OFF ELIMINATED 44 MILES OF EXTREME GRADES AND CURVES FOUND ON THE ORIGINAL TRANSCONTINENTAL ROUTE THROUGH THE PROMONTORY MOUNTAINS. THE NEW ROUTE RAN 20 MILES WEST FROM OGDEN TO THE GREAT SALT LAKE, CROSSED THE LAKE AT PROMONTORY POINT, AND CONTINUED FOR 50 MILES OVER THE GREAT SALT LAKE DESERT TO LUCIN.

APPROXIMATELY 12 MILES OF TEMPORARY TRESTLE (FOUR 40 FOOT PILES PER BENT) AND 11 MILES OF PERMANENT TRESTLE (FIVE 70 FOOT PILES PER BENT) WERE CONSTRUCTED IN ADDITION TO THE 10 MILES OF FILL.

THE PRESENT 11.88 MILE TRESTLE CONSISTS OF THE ORIGINAL PERMANENT STRUCTURE IN ADDITION TO THE ENGLE SIDING WHICH IS BUILT OVER THE TEMPORARY TRESTLE PILINGS. TODAY THE TRESTLE SUPPLEMENTS THE ADJACENT CAUSEWAY (ca. 1959) WITH OVERLOAD AND EMERGENCY RAIL TRAFFIC.



NOTE! SHADED AREA SHOWS AREA (100' RIGHT OF WAY) TO BE CONSIDERED.



DRAWN BY: LEROY SLAW, 1971

STATE OF UTAH SURVEY OFFICE OF ARCHEOLOGY & HISTORIC PRESERVATION UNDER DIRECTION OF THE NATIONAL PARK SERVICE UNITED STATES DEPARTMENT OF THE INTERIOR	NAME AND LOCATION OF STRUCTURE OGDEN-LUCIN CUT-OFF TRESTLE GREAT SALT LAKE, BOX ELDER COUNTY, UTAH	RECORD NO. UTAH 13	HISTORIC AMERICAN ENGINEERING RECORD SHEET 2 OF 5 SHEETS	LIBRARY OF CONGRESS INDEX NUMBER
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2

ENTRIES IN THE NATIONAL REGISTER

STATE Utah

Date Entered APR 14 1972

<u>Name</u>	<u>Location</u>
Benson Mill	Mills Junction Tooele County
Driggs (Benjamin W.) Home	Pleasant Grove Utah County
Southern Pacific Railroad (Ogden-Lucien Cut-Off Trestle)	Box Elder County

Also Notified

Hon. Wallace F. Bennett
Hon. Frank E. Moss
Hon. Sherman P. Lloyd
Hon. K. Gunn McKay

Director, Midwest Region

State Liaison Officer
Mr. Milton L. Weissenman
Director
Department of Development Services
312 State Capitol Building
Salt Lake City, Utah 84102

HR NRowland:mm 4/14/72



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Jill Remington Love
Executive Director
Department of
Heritage & Arts



Don Hartley
Director



September 7, 2018

MS. JOY BEASLEY
NATIONAL REGISTER OF HISTORIC PLACES
MAIL STOP 7228
1849 C ST, NW
WASHINGTON, D.C. 20240

Re: Removal of Properties from the National Register of Historic Places

Dear Ms. Beasley:

Pursuant to 36 CFR 60.15, we are requesting the removal from the National Register of Historic Places the following property, which has been demolished:

Ogden-Lucin Cutoff Trestle (NRIS # 72001257) Across Great Salt Lake, Box Elder County

Demolitions were verified by SHPO staff site visits (see enclosed UT SHPO Request for Removal form and accompanying photographs).

Notification regarding the pending action was sent to property owners and local government officials. A period of at least thirty days was provided for comment regarding the removal; however, no comments were received.

Should you have any questions about this request for removal, please contact Cory Jensen of the Historic Preservation Office at 801/245-7242, or by e-mail at coryjensen@utah.gov. Thank you for your assistance.

Sincerely,

Roger Roper
Deputy State Historic Preservation Officer

Enclosures

