

REGION RMR PARK/AREA NAME ZION N.P. PARK NUMBER 1590

STRUCTURE NAME Angels Landing Trail STRUCTURE NUMBER RT 8

LOCATION OF STRUCTURE Angels Landing Trail PARK LOCATION CODE PG

NATIONAL REGISTER _____ DATE: / / MANAGEMENT CATEGORY: (A) (B) (C) (D)

NPS LEGAL INTEREST FEE MANAGEMENT AGREEMENT: No Mgnt. Agreement

Check all of the following categories for which NPS has treatment responsibility:

Stabilization (X) Cyclic Maintenance (X) Routine Maintenance (X) Approved Ultimate Treatment (X)

(ROCKY MOUNTAIN REGION USE ONLY)

APPROVED ULTIMATE TREATMENT OR RESOURCE MANAGEMENT PLAN, CULTURAL COMPONENT DESIGNATION:

Preservation	(PP)	Restoration	(RR)	Reconstruction	(CC)
Adaptive Preservation	(AP)	Adaptive Restoration	(AR)	Adaptive Reconstruction	(AC)
Neglect	(NG)	Remove	(RM)	No Approved Treatment	(NO)

Approval Document _____ () Document Date: / /

Estimated Treatment Costs _____

Stabilization:	\$ _____	Date:	<u>/ /</u>	Level of Estimate:	(A) (B) (C)
Approved Treatment:	\$ _____	Date:	<u>/ /</u>	Estimator:	(Region) (DSC) (A&E)

STATEMENT OF SIGNIFICANCE: N.P.S. built hiking trail of architectural and historic significance.

Date of Construction: / /1926 Date of Alterations: 03 /18/1934

Architect/Designer: T.C. Vint/W. Ruesch Historical Theme(s): Transportation

History of Structure: Angels Landing Trail was constructed in 1926 following the completion of the West Rim Trail which provided access to the trail head at Scout Lookout. Work on the trail was supervised by Walter Ruesch, acting Supt. Zion N.P. The construction of this trail which ascends the spine of a steep-sided sandstone cliff was unique and daring, as the work chiseling the initial footholds was hazardous. Angels Landing is one of the most dramatic trails ever built by the Park Service.

Evaluation of Structure: Historic Theme Contributing X Non-Contributing _____

National Register Criteria: A B C XD (Include integrity statement)

Built with native materials, associated with "N.P.S.-Rustic" architectural style and constructed by Service personnel, Angels Landing Trail possesses structural integrity. All man-made improvements on trail constructed by means of hand tools.

Bibliography: Woodbury, Angus, A History of Southern Utah and its National Parks, 1950.
Edwards, Guy D., "Report on Engineering Activities Zion National Park, 1928."

Representation in Other Surveys: No.

If structure has been removed, how? _____ Date: / /

Report prepared by: James Jurale Date: 09/14/1984

LOCATION: Section undetermined State Utah USE: CURRENT INTERIOR USE (NPS 28 CODE) N/A
 Township 41 S County Washington Original Use Hiking trail
 Range 10 W Intermediate Uses Hiking trail
 PERIOD OF CONSTRUCTION (NPS 28 CODE) HI
 NEGATIVE No. ROLL #19, VIEW 10

OWNERSHIP: Present Owner: NPS
 Original Owner: NPS
 Intermediate Owner(s): NPS

*****PHYSICAL DESCRIPTION*****

(DESCRIPTION AND BACKGROUND HISTORY INCLUDING CONSTRUCTION DATE(S), PHYSICAL DIMENSIONS, MATERIALS, MAJOR ALTERATIONS, EXTANT EQUIPMENT, AND IMPORTANT BUILDERS, ARCHITECTS, ENGINEERS, ETC.)

The Angels Landing Trail takes off to the south of Scout Lookout (elevation 5,477') and runs along the edge of a steep-sided sandstone ridge. The trail climbs over 300 feet in its 1/2 mile course and is neither graded nor paved. The National Park Service does not recommend this trail for unattended youngsters, those with heart or breathing problems, or those who fear heights. It is a dangerous hike at night or in inclement weather.

An erosion control stabilization program was completed on the trail by CCC personnel in March 1934. The work was supervised by Park building foreman, Walter Ruesch, and approved by Harry Langley, resident Landscape Architect Zion National Park. Presently, the Zion National Park Maintenance Division is responsible for maintaining chiseled footholds on the trail as well as chains and railings which have been attached to the cliff.

SIGNIFICANT ARCHITECTURAL FEATURES (INCLUDING INTERIOR AND SETTING) FOR PARK PLANNING PURPOSES:

REGION RMR PARK/AREA NAME ZION N.P. PARK NUMBER 1590

STRUCTURE NAME West Rim Trail STRUCTURE NUMBER RT 7

LOCATION OF STRUCTURE West Rim Trail PARK LOCATION CODE PG

NATIONAL REGISTER _____ DATE: / / MANAGEMENT CATEGORY: (A) (B) (C) (D)

NPS LEGAL INTEREST FEE MANAGEMENT AGREEMENT: No Mgmt. Agreement

Check all of the following categories for which NPS has treatment responsibility:

Stabilization(x) Cyclic Maintenance(x) Routine Maintenance(x) Approved Ultimate Treatment(x)

(ROCKY MOUNTAIN REGION USE ONLY)

APPROVED ULTIMATE TREATMENT OR RESOURCE MANAGEMENT PLAN, CULTURAL COMPONENT DESIGNATION:

Preservation	(PP)	Restoration	(RR)	Reconstruction	(CC)
Adaptive Preservation	(AP)	Adaptive Restoration	(AR)	Adaptive Reconstruction	(AC)
Neglect	(NG)	Remove	(RM)	No Approved Treatment	(NO)

Approval Document _____ () Document Date: / /

Estimated Treatment Costs _____

Stabilization:	\$ _____	Date:	<u> / /</u>	Level of Estimate:	(A) (B) (C)
Approved Treatment:	\$ _____	Date:	<u> / /</u>	Estimator:	(Region) (DSC) (A&E)

STATEMENT OF SIGNIFICANCE: N.P.S. built horseback trail and hiking footpath of architectural and historical significance.

Date of Construction: 19/25/26 Date of Alterations: 1935/56/60/69/84

Architect/Designer: T.C. Vint/ W.Ruesch Historical Theme(s): Transportation

History of Structure: Work on the West Rim Trail began in 1925. The trail was officially dedicated on July 11, 1926 at a ceremony held at the time of the visit of Crown Prince Gustavus and Princess Louise of Sweden. Estimated building costs for the 2 years, \$125,000. Construction work on Refrigerator Canyon portion of trail resumed in 1935 under the supervision of Park building foreman, Walter Ruesch, and Park Engineer, A. E. Cowell, on temporary assignment from the Branch of Engineering, San Francisco, California.

Evaluation of Structure: Historic Theme Contributing X Non-Contributing _____

National Register Criteria: A B Cx D (Include integrity statement)

Built of native stone and associated with the N.P.S. architectural style, the West Rim Trail possesses architectural integrity. Rock used in the masonry switchback walls was quarried locally and shaped as little as possible to provide rough appearance/stable const

Bibliography: Woodbury, Angus, A History of Southern Utah and Its National Parks, Salt Lake City, 1950. Zion N.P. Completion Reports for 1929, 1932, 1935, 1956, 1960, 1967&70.

Representation in Other Surveys: Olivieri, Lance J., "Classified Field Inventory Report, 1976."

If structure has been removed, how? _____ Date: / /

Report prepared by: James Jurale Date: 09 / 04 / 84

LOCATION: Section 31 (plus unmapped) State Utah
 Township 40 S, 41 S County Washington
 Range 10 W

USE: CURRENT INTERIOR USE (NPS 28 CODE) N/A
 Original Use horseback /hiking trail
 Intermediate Uses horseback/hiking trail
 PERIOD OF CONSTRUCTION (NPS 28 CODE) HI

OWNERSHIP: Present Owner: NPS
 Original Owner: NPS
 Intermediate Owner(s): NPS

Drawing No. 585 by G.D. Edwards 1-15-29
 Drawing No. 583 by G.D. Edwards 1-15-29
 Negative No. HAER No. UT-40-2

PHYSICAL DESCRIPTION

(DESCRIPTION AND BACKGROUND HISTORY INCLUDING CONSTRUCTION DATE(S), PHYSICAL DIMENSIONS, MATERIALS, MAJOR ALTERATIONS, EXTANT EQUIPMENT, AND IMPORTANT BUILDERS, ARCHITECTS, ENGINEERS, ETC.)

Starting from the parking area across the highway from the Grotto Picnic Area, the trail crosses the Virgin River by means of an arched metal foot bridge installed in 1984. The trail which leads to the top of the West Rim of Zion Canyon is 5.5 miles long. Construction work began in 1925 and the trail was dedicated on July 11, 1926. Work on the Refrigerator Canyon portion of the trail was resumed in 1935 under the supervision of Park building foreman, Walter Ruesch, and A.E. Cowell, Park engineer. Walter's Wiggles, 17 complete switchbacks were carved into some of the Park's most difficult terrain and buttressed with grouted sandstone blocks, locally quarried. Rock used in the Wiggles and in other "dry" retaining walls was shaped as little as possible to, "provide a stable construction with as rough an appearance as could be obtained." The trail had been re-marked in 1933 and 1934 by PWA and CCC personnel.

After crossing the Virgin River, the trail runs along a talus slope for about 1/2 mile by means of numerous dry-laid random rubble sandstone walls. The next 1/4 mile traverses a sheer cliff and rises more than one thousand feet. The trail is half tunneled into the side of the cliff. Then, the trail runs through a narrow notch in the the drainage known as Refrigerator Canyon. From here, Walter's Wiggles, a series of switchbacks up a 60 degree chimney brings us to Scout's Lookout.

For the remaining 3 miles of its course, the trail winds along the rim and across numerous side canyons. Then it drops into a deep canyon and begins the ascent of the sheer rim of Horse Pasture Plateau. The West Rim Trail was reconstructed in 1956, 1960 and 1969 to repair masonry, replace bridges and install guard rails at a combined cost of over \$100,000. Re-paving and additional improvements were carried out in 1984.

Landscape architects responsible for trail design include H.B. Stephenson who represented the Branch of Plans and Design on the work done on the Refrigerator Canyon, 1935. He was succeeded by Landscape Architect George Norgard.

SIGNIFICANT ARCHITECTURAL FEATURES (INCLUDING INTERIOR AND SETTING) FOR PARK PLANNING PURPOSES:

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

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

FOR NPS USE ONLY

RECEIVED

JUN 8 1987

DATE ENTERED

CONTINUATION SHEET

ITEM NUMBER 10 PAGE 9

3. Pine Creek Canal (IR 15)
Springdale East Quadrangle

UTM references: 12/324480/4118880
12/325490/4121730

Acreage of nominated property is approximately 3.633 acres.

Boundary Description and Justification:

In Section 22 and an unsurveyed area in T41S, R10W, the nominated district defines an area 10 feet on both sides of the center line of the canal. The remains of headworks are attached to a 15-foot diameter red sandstone boulder located on the east bank of the Virgin River approximately .25 mile to the north of the Virgin River Bridge. The canal extension was flumed over Pine Creek 150 feet to the southwest of the Zion Lodge turnoff. The line of the inoperative canal follows the toe of Bridge Mountain talus slope south and terminates in a dry gulch at the southwest end of Watchman Residential Loop. The canal length is approximately 1.5 miles. The boundary was drawn to include the length of the canal and all man-made improvements of the historic period, all of which are contributing elements of the structure.

SITES

1. Angels Landing (RT 8)/West Rim Trail (RT 7)
Temple of Sinawava Quadrangle

UTM References: 12/327950/4125260
12/327960/4127080
12/327680/4126350

Acreage of nominated property is approximately 7.3 acres.

Boundary Description and Justification:

In an unsurveyed area in T41S, R10W, the boundaries extend 10 feet from the center line of the trails. The trailhead for the West Rim Trail is at the west side of the parking area across from the Zion Canyon Scenic Drive from the Grotto Picnic Area. The 2.5-mile trail section crosses the Virgin River from east to west by bridge, runs along the talus slope for .5 mile, and traverses a sheer cliff to gain more than 1,000 feet in the following 1/4-mile section. The trail continues through a narrow notch known as Refrigerator Canyon and winds up Walter's Wiggles, a series of switchbacks up a 60-degree chimney to Scout's Lookout. Angels Landing Trail begins at Scout Lookout on the West Rim Trail and runs .5 mile northeast to the Ridge Summit Terminus. The boundary is drawn to include all historic man-made structures associated with the 3-mile-long trail.

United States Department of the Interior
National Park Service

National Register of Historic Places
Inventory—Nomination Form



Continuation sheet

Item number

Page

Multiple Resource Area
Thematic Group

dnr-11

Name Zion National Park MRA
State Washington County, UTAH

Cover except 2/14/87

Nomination/Type of Review

Date/Signature

- | | | |
|--|--------------------------------------|---------------------------------|
| 1. Angels Landing Trail--
West Rim Trail | Substantive Review Keeper | <u>Linda McClelland 2/14/87</u> |
| | Attest | _____ |
| 2. Canyon Overlook Trail | Substantive Review Keeper | <u>Linda McClelland 2/14/87</u> |
| | Attest | _____ |
| ✓ 3. Crawford Irrigation
Canal | Substantive Review Keeper | <u>Linda McClelland 7/7/87</u> |
| | Attest | _____ |
| 4. East Entrance Checking
Station | Substantive Review Keeper | <u>Linda McClelland 2/14/87</u> |
| | Attest | _____ |
| 5. East Entrance Residence | Substantive Review Keeper | <u>Linda McClelland 2/14/87</u> |
| | Attest | _____ |
| ✓ 6. East Entrance Sign | Substantive Review Keeper | <u>Linda McClelland 7/7/87</u> |
| | Attest | _____ |
| ✓ 7. East Rim Trail | Substantive Review Keeper | <u>Linda McClelland 7/7/87</u> |
| | Attest | _____ |
| 8. Emerald Pools Trail | Substantive Review Keeper | <u>Linda McClelland 2/14/87</u> |
| | Attest | _____ |
| ✓ 9. Gateway to the Narrows
Trail | Substantive Review Keeper | <u>Linda McClelland 7/7/87</u> |
| | Attest | _____ |
| 10. Grotto Camping Ground
South Comfort Station | Substantive Review Keeper | <u>Linda McClelland 2/14/87</u> |
| | Attest | _____ |

86003707

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

Angels Landing Trail--West Rim Trail
(Zion National Park MRA)
Washington County
UTAH

Substantive Review

Working No. 12.31.86
Fed. Reg. Date: 2-2-88
Date Due: 1/29/87 - 2/14/87
Action: ACCEPT 2-14-87
 RETURN
 REJECT
Federal Agency: NPS

- resubmission
- nomination by person or local government
- owner objection
- appeal

Substantive Review: sample request appeal NR decision

Reviewer's comments:

Trails represent an important stage in the park's transportation system of trails and engineering of trail construction. Integrate, esp. location, reworkmanship

Recom./Criteria Accept
Reviewer [Signature]
Discipline Arch. Hist.
Date 2/14/87
see continuation sheet

Nomination returned for: technical corrections cited below
 substantive reasons discussed below

apparent despite improvements.

1. Name

2. Location

3. Classification

Category	Ownership	Status	Present Use
	Public Acquisition	Accessible	

4. Owner of Property

5. Location of Legal Description

6. Representation in Existing Surveys

Has this property been determined eligible? yes no

7. Description

Condition

- excellent
- good
- fair
- deteriorated
- ruins
- unexposed

Check one

- unaltered
- altered

Check one

- original site
- moved date _____

Describe the present and original (if known) physical appearance

- summary paragraph
- completeness
- clarity
- alterations/integrity
- dates
- boundary selection

8. Significance

Period _____ Areas of Significance—Check and justify below

Specific dates _____ Builder/Architect _____

Statement of Significance (*in one paragraph*) _____

- summary paragraph
- completeness
- clarity
- applicable criteria
- justification of areas checked
- relating significance to the resource
- context
- relationship of integrity to significance
- justification of exception
- other

9. Major Bibliographical References

10. Geographical Data

Acreage of nominated property _____

Quadrangle name _____

UTM References _____

Verbal boundary description and justification _____

11. Form Prepared By

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

____ national ____ state ____ local

State Historic Preservation Officer signature _____

title _____ date _____

13. Other

- Maps
- Photographs
- Other

Questions concerning this nomination may be directed to _____

Signed _____ Date _____ Phone: _____



LCS No. BT8
Photo No. Roll #19, View 10
Subject Angels Landing Trail

Descrip. of View Northwest
Location of Subject Angels Landing
Trail H.D.
Location of Negative RMPS

Clay Craser 8/84



LCS No. RT 7

Photo No. HAER No UT-40-2

Subject West Rim Trail

Descrip. of View _____

Location of Subject West Rim Trail N.D.

Location of Negative RMRO

By _____

Date 8/84

Please refer to the map in the
Multiple Property Cover Sheet
for this property

Multiple Property Cover Sheet Reference Number: 64000878