

REGION RMR PARK/AREA NAME Zion National Park PARK NUMBER 1590

STRUCTURE NAME Virgin River Bridge STRUCTURE NUMBER 997 HS 997

LOCATION OF STRUCTURE Virgin River Bridge 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
Approved Treatment:	\$	Date:	<u>/ /</u>	Estimate: (A) (B) (C)
				Estimator: (Region) (DSC) (A&E)

STATEMENT OF SIGNIFICANCE: Service built highway bridge of architectural and historical significance.

Date of Construction: 07/04/1930 Date of Alterations: 19/59/1960

Architect/Designer: Thos. Vint/ Angwin Historical Theme(s): Transportation

History of Structure: In Feb. 1928, Chief Landscape Engineer, Thomas C. Vint and Bridge Engineer from the Regional Office, Mr. Angwin, made inspections of the bridge sites on the Zion-Mt. Carmel Highway which was in the process of construction. Work on the Virgin R. Bridge lagged behind due to landscape design difficulty and construction finally commenced in October 1929. Although open for the Highway Dedication Ceremony on the 4th, the Bridge was not completed until the end of July. Widened, 1960.

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

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

Although partially reconstructed in 1960, the Virgin River Bridge retains its structural integrity. Attractive and well executed, the bridge is a 3 span "I" beam structure which was skillfully camouflaged with 54" Redwood slabs to give it a rustic finish.

Bibliography: Scoyen, E.T. "ZNP Annual Report for 1930", Scoyen, E.T. "ZNP Superintendent's Monthly Reports, Feb., Oct., 1928." Jolley, D.J. " Report to Supt., 10/1929"

Representation in Other Surveys: Olivieri, Lance. "Classified Structure Inventory Report, 1978."

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

Report prepared by: James Jurale Date: 09 / 26 / 1984

LOCATION: Section undetermined State Utah USE: CURRENT INTERIOR USE (NPS 28 CODE) N/A
Township 41 S County Washington Original Use Highway bridge
Range 10 W Intermediate Uses Highway bridge
PERIOD OF CONSTRUCTION (NPS 28 CODE) HI
NEGATIVE No. HAER No. UT-39-C-1

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, EXISTANT EQUIPMENT, AND IMPORTANT BUILDERS, ARCHITECTS, ENGINEERS, ETC.)

Chief Ranger, Donal J Jolley, reported in Oct. 1929 that work commenced on the River Bridge, "which when completed will connect the New Zion Mt. Carmel highway with the present Zion road." Construction work on the Bridge had lagged behind due to a change in design and, according to Supt. Scoyen, "the difficulties in arriving at a practical solution of this problem which will also be satisfactory from the landscape standpoint." The Bridge across the Mukuntuweap (Virgin) River was completed late in July 1930.

The original River Bridge was 185 feet long, with a 20-foot driveway across the center and a five-foot sidewalk on each side, making a total width of 30 feet. Constructed as a 3 span steel "I" beam structure, it was camouflaged with 54" Redwood slabs to give it a rustic appearance. The spans were supported by two pieces of solid masonry 34 feet high.

On December 17, 1959, Park Service personnel commenced removing the sidewalks and enlarging the road surface of the bridge. The old curb was dislodged by cutting and blasting, the edge of the pavement was leveled and the debris removed. Steel reinforcing rods were placed in the 5' wide trench on each side of the bridge. Then the gaps were filled with poured concrete and the enlarged road-bed resurfaced. Renovation of the bridge, which spans the Virgin River approximately 2 miles north of the Park administration building, was completed in March 1960.

The bridge's concrete and "I" beamed roadbed is supported by pitcher-faced, ashlar, sandstone, masonry, piers and abutments. "Spanning the tops of the piers and imbedded in the masonry, are 1 1/2' x 3' (approx.) dia. beams which protrude from the piers on both sides. 1' x 4' fascia beams line the lower sides of the roadbed. 4" x 10" ballistrade, (sic) with 6" x 10" railings imbedded in spaced wood posts, form the guardrails."

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

CLASSIFIED STRUCTURE FIELD INVENTORY REPORT
(Attach 4" x 5" Black and White Photograph)

1225
10720

REGION RMR PARK/AREA NAME ZION N.P. PARK NUMBER 1590
STRUCTURE NAME Zion-Mt. Carmel Tunnel STRUCTURE NUMBER RT 999
LOCATION OF STRUCTURE Zion-Mt. Carmel Tunnel 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 ☒ Cyclic Maintenance ☒ Routine Maintenance ☒ Approved Ultimate Treatment ☒

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

STATEMENT OF SIGNIFICANCE: Zion-Mt. Carmel Highway Tunnel of architectural and historic significance.

Date of Construction: 07/04/1930 Date of Alterations: 19/51/1958

Architect/Designer: Chief, T. MacDonald Historical Theme(s): Transportation

History of Structure: The original Tunnel reconnaissance was made in 1923 by Means and Finch assisted by East Rim rancher, John Winder. Survey of Tunnel completed in 1925, Tunnel contract awarded to Nevada Construction Co. of Fallon, Nevada and work started in 1927. Completed in 1930 at a cost of \$503,000. Congressman Louis C. Cramp-ton of Michigan, chairman of the House Committee for the National Park Service, spon-sored the appropriations that construction possible. Minor alterations in 1951-58.

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

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

The 5,613' long, rock faced tunnel with concrete spines was completed in 1930 and retains structural integrity. It is one of the most spectacular man-made sites at Zion N.P. and the only one of its kind in the Rocky Mountain Region.

Bibliography: Woodbury, Angus. A History of Southern Utah and its National Parks, 1950.

U.S. Dept. of Interior. "Zion N.P. Dedications, 1930.", "Zion N.P. Supt's Reports, 1951, 58.

Representation in Other Surveys: Olivieri, Lance. "Classified Structure Inventory Report, 1978."

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

Report prepared by: James Jurale Date: 09 / 24 / 1984

LOCATION: Section undetermined State Utah USE: CURRENT INTERIOR USE (NPS 28 CODE) OT (Tunnel)
Township 41 S County Washington Original Use Highway Tunnel
Range 10 W Intermediate Uses Highway Tunnel
PERIOD OF CONSTRUCTION (NPS 28 CODE) HI
NEGATIVE No. HAER No. UT-39-A-1

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.)

Due to the urging of Utah Parks Co. officials, the Federal Bureau of Public Roads and the Utah State Road Commission began studying ways by which the scenic points of interest in southern Utah and northern Arizona could be linked. In June, 1923, B.J. Finch, the District Engineer of the USDA Bureau of Public Roads at Ogden and Howard C. Means, a Utah State Engineer, arrived in Zion N.P. There, they met John Winder, an East Rim rancher who was a leading authority on the rugged Zion back country. After extensive exploration of the area, the 3 men concluded that a road up Pine Creek with a tunnel through the Great Arch was the most logical route to provide access into the Park from the East. The Park Service helped conduct the survey of alternative routes, including one up Panguitch Canyon, in 1925, but Pine Creek was ultimately selected.

The Nevada Construction Co. was the low bidder on the contract and began construction on the 6 galleries that are visible today, in 1927. Pilot tunnels were drilled and then enlarged with an Erie Air Shovel to a width of 22' and a height of 16'. Narrow gauge railcars hauled the waste material from the drillings and dumped it into the canyon below through the galleries. In 1951, Gallery #4 was reinforced with concrete after being damaged by a rock slide. A second gallery was partially sealed and that portion of the tunnel near the gallery reinforced with steel and concrete following a rockslide that occurred in 1958.

The Tunnel is 5,613' in length and cost \$503,000. The grade within the tunnel is approx. 4%, with an elevation increase of 281' from the west (5,115') to the east (5,396') end. The west entrance is faced with coursed, rock-faced, ashlar, sandstone outlining the opening with a key-stoned arch. Today, about 1/2 of the yearly visitors to Zion N.P. enter from the East Entrance via the Zion - Mt. Carmel Highway Tunnel. It is no longer possible to stop in the Tunnel and view out from the galleries, as Park officials have determined that modern automobiles presented a traffic hazard when they attempted to utilize the original narrow parking spaces built there.

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

REGION RMR PARK/AREA NAME ZION NATIONAL PARK PARK NUMBER 1590
 STRUCTURE NAME Zion - Mt. Carmel Highway STRUCTURE NUMBER RT 1000
 LOCATION OF STRUCTURE Zion Mt. Carmel Highway 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(☒) Cyclic Maintenance(☒) Routine Maintenance(☒) Approved Ultimate Treatment(☒)

(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: Scenic Highway of architectural and historical significance.

Date of Construction: 07/04/1930 Date of Alterations: 06/30/1968
 Architect/Designer: Thomas H. MacDonald Historical Theme(s): Transportation
 History of Structure: Thomas H. MacDonald, Chief of the Bureau of Public Roads and his engineering assistants completed the 3 year project in 1930. The original reconnaissance was made by U.S. District Engineer, B.J. Finch and Utah State Engineer H.C. Means assisted by Zion pioneer rancher, John Winder. Congressman Cramton, Chairman of the Sub-Committee on appropriations for National Parks and Stephen T. Mather, Director of the NPS were instrumental in obtaining the almost \$2 million Federal funds.
 Evaluation of Structure: Historic Theme Contributing X Non-Contributing _____
 National Register Criteria: A B Cx D (Include integrity statement)
Completed in 1930, the approx. 10 mile Park section of this 25 mile road is of great scenic interest and retains structural integrity. The conception, design and construction of this road was an artistic achievement which stands as a testimonial to NPS vision.
 Bibliography: Markoff, Dena S. "The Dudes are always Right" ZNHA, 1980. U.S. Dept. of Interior. "Zion N.P. Dedications, 1930." #ZP-101-01. Zion N.P. Completion Report #5104.
 Representation in Other Surveys: Oliveri, Lance. "Classified Structure Inventory Report, 1978.

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

Report prepared by: James Jurale Date: 09/24/1984

LOCATION: Section undetermined, 19, 20 State Utah
Township 41 S County Washington, Kane
Range 9 W, 10 W

USE: CURRENT INTERIOR USE (NPS 28 CODE) N/A

Original Use Scenic Highway

Intermediate Uses Scenic Highway

PERIOD OF CONSTRUCTION (NPS 28 CODE) HI

NEGATIVE No. HAER No. UT-39-5

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.)

After 4 years of planning, Zion - Mt. Carmel Highway construction began in 1927 for the purpose of linking up Zion National Park, Bryce Canyon National Park, Cedar Breaks and the North Rim of the Grand Canyon of the Colorado. Running east from the Virgin River Bridge, the road forms a connecting link between U.S. Highways 9 and 89, and completed the tourist loop envisioned by the Utah Parks Company in the early 1920's. The old road network from Zion measured 159 miles to Bryce, 139 miles to Cedar Breaks and 142 miles to the Grand Canyon. Upon completion in 1930, the Zion-Mt. Carmel Highway cut the distance to 88, 70 and 116 miles respectively. Ironically, this highway promoted by the UPC facilitated increased automobile traffic which eventually took the place of railroad transportation to the parks.

At the time of the dedication ceremony on July 4, 1930, 8 1/2 miles of highway, constructed at a cost of \$1,440,000 (including the tunnels) to the Federal Government, were located within the boundaries of Zion National Park. The remaining 16 1/2 miles was a Federal Aid project and had been constructed at the joint expense of the United States and the State of Utah. Presently, the Highway extends for approximately 10 miles from the Zion Lodge turnoff to the Park's eastern border, located 1/2 mile beyond the East Entrance Visitor Contact Station. In addition to the Zion-Mt. Carmel Tunnel and the Pine Creek Bridge (inventoried in separate "LCS Reports") other man-made structures located on the Park portion of the Highway include: a 1/10 mile long, rock-faced tunnel located approx. 1.2 miles to the east of the greater tunnel's east entrance; two 20 yard bridges with decorative concrete pylons; numerous galvanized pipe and sandstone culverts; and hundreds of cubic yards of random ashlar masonry retaining walls.

Six switchbacks cut into the soft sandstone of Pine Creek Canyon allow the roadway to drop 800' in its 3 1/2 mile course from the west end of the Zion-Mt. Carmel Tunnel to the floor of Zion Canyon. The maximum grade is 6 percent. Due to frequent rock falls onto the highway, CCC personnel picked loose rocks from the slopes above the Highway in

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

the early 1930's. Rock falls are still a road hazard today. Several pulloffs where scenic views may be enjoyed were constructed along the Highway in 1968.

86003709

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

Zion-Mt. Carmel Highway (Zion National Park
MRA)
Washington County
UTAH

Working No. DEC 31 1986
Fed. Reg. Date: _____
Date Due: 1/29/87 - 2/14/87
Action: ☐ ACCEPT
☒ RETURN 2-14-87
☐ REJECT
Federal Agency: NPS

Substantive Review

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

Substantive Review: ☒ sample ☐ request ☐ appeal ☐ NR decision

Reviewer's comments:

*Highway significant for its design. File is being
returned for additional
UTM's.*

Recom./Criteria Return
Reviewer Z. McChellard
Discipline 4. Hist.
Date 2/14/87
_____ see continuation sheet

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

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	Check one	Check one
<input type="checkbox"/> excellent	<input type="checkbox"/> deteriorated	<input type="checkbox"/> original site
<input type="checkbox"/> good	<input type="checkbox"/> ruins	<input type="checkbox"/> moved date _____
<input type="checkbox"/> fair	<input type="checkbox"/> unexposed	

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 _____

X UTM References *Please provide 3 or more UTM reference points (e.g. for the beginning, end, and one or more points along the route where changes in direction occur).*

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 *Linda McClelland* Date *2-14-87* Phone: *343-9544*

86003709

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

Zion-Mt. Carmel Highway (Zion National Park
MRA)
Washington County
UTAH

Working No. DEC 31 1986
Fed. Reg. Date: _____
Date Due: 1/29/87 - 2/14/87
Action: ☐ ACCEPT
☒ RETURN 2-14-87
☐ REJECT
Federal Agency: NRS

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

Substantive Review: ☒ sample ☐ request ☐ appeal ☐ NR decision

Reviewer's comments:

*Highway significant for its design. File is being
returned for additional
UTM's.*

Recom./Criteria Return
Reviewer Zimchelland
Discipline A. Hist.
Date 2/14/87
_____ see continuation sheet

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

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

- | | |
|------------------------------------|---------------------------------------|
| <input type="checkbox"/> excellent | <input type="checkbox"/> deteriorated |
| <input type="checkbox"/> good | <input type="checkbox"/> ruins |
| <input type="checkbox"/> fair | <input type="checkbox"/> 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

*UTM ZONE 12
pt. A 326 260
pt. B 329 400
pt. C 331 580*

*4119960
4120540
4121000*

*Additional
UTM points
added to
map + to nomination*

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 _____

X UTM References *Please provide 3 or more UTM reference points (e.g. for the beginning, end, and one or more points along the route where changes in direction occur).*

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

Linda McClelland

Signed

Linda McClelland

Date

2-14-87

Phone:

343-9544

REGION RMR PARK/AREA NAME Zion National Park PARK NUMBER 1590STRUCTURE NAME Virgin River Bridge STRUCTURE NUMBER 997 HS-997LOCATION OF STRUCTURE Virgin River Bridge PARK LOCATION CODE PGNATIONAL REGISTER _____ DATE: / / MANAGEMENT CATEGORY: (A) (B) (C) (D)NPS LEGAL INTEREST _____ FEE _____ MANAGEMENT AGREEMENT: No Mgmt. Agreeeme

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

Stabilization(☒) Cyclic Maintenance(☒) Routine Maintenance(☒) Approved Ultimate Treatment(☒)(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
Approved Treatment:	\$ _____	Date:	<u>/ /</u>	Estimate: (A) (B) (C)
				Estimator: (Region) (DSC) (A&E)

STATEMENT OF SIGNIFICANCE: Service built highway bridge of architectural and historical significance.

Date of Construction: 07/04/1930 Date of Alterations: 10/59/1960Architect/Designer: Thos. Vint/ Angwin Historical Theme(s): Transportation

History of Structure: In Feb. 1928, Chief Landscape Engineer, Thomas C. Vint and Bridge Engineer from the Regional Office, Mr. Angwin, made inspections of the bridge sites on the Zion-Mt. Carmel Highway which was in the process of construction. Work on the Virgin R. Bridge lagged behind due to landscape design difficulty and construction finally commenced in October 1929. Although open for the Highway Dedication Ceremony on the 4th, the Bridge was not completed until the end of July. Widened, 1960.

Evaluation of Structure: Historic Theme Contributing X Non-Contributing _____National Register Criteria: A B CX D (Include integrity statement)

Although partially reconstructed in 1960, the Virgin River Bridge retains its structural integrity. Attractive and well executed, the bridge is a 3 span "I" beam structure which was skillfully camouflaged with 54" Redwood slabs to give it a rustic finish.

Bibliography: Scoven, E.T. "ZNP Annual Report for 1930", Scoven, E.T. "ZNP Superintendent's Monthly Reports, Feb., Oct., 1928." Jolley, D.J. " Report to Supt., 10/1929"Representation in Other Surveys: Olivieri, Lance. "Classified Structure Inventory Report, 1978."If structure has been removed, how? _____ Date: / /Report prepared by: James Jurale Date: 09/26/1984

DEC 31 1986

LOCATION: Section undetermined State Utah USE: CURRENT INTERIOR USE (NPS 28 CODE) N/A
Township 41 S County Washington Original Use Highway bridge
Range 10 W Intermediate Uses Highway bridge
PERIOD OF CONSTRUCTION (NPS 28 CODE) HI
NEGATIVE No. HAER No. UT-39-C-1

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.)

Chief Ranger, Donal J Jolley, reported in Oct. 1929 that work commenced on the River Bridge, "which when completed will connect the New Zion Mt. Carmel highway with the present Zion road." Construction work on the Bridge had lagged behind due to a change in design and, according to Supt. Scoyen, "the difficulties in arriving at a practical solution of this problem which will also be satisfactory from the landscape standpoint." The Bridge across the Mukuntuweap(Virgin) River was completed late in July 1930.

The original River Bridge was 185 feet long, with a 20-foot driveway across the center and a five-foot sidewalk on each side, making a total width of 30 feet. Constructed as a 3 span steel "I" beam structure, it was camouflaged with 54" Redwood slabs to give it a rustic appearance. The spans were supported by two pieces of solid masonry 34 feet high.

On December 17, 1959, Park Service personnel commenced removing the sidewalks and enlarging the road surface of the bridge. The old curb was dislodged by cutting and blasting, the edge of the pavement was leveled and the debris removed. Steel reinforcing rods were placed in the 5' wide trench on each side of the bridge. Then the gaps were filled with poured concrete and the enlarged road-bed resurfaced. Renovation of the bridge, which spans the Virgin River approximately 2 miles north of the Park administration building, was completed in March 1960.

The bridge's concrete and "I" beamed roadbed is supported by pitcher-faced, ashlar, sandstone, masonry, piers and abutments. "Spanning the tops of the piers and imbedded in the masonry, are 1 1/2'x 3' (approx.) dia. beams which protrude from the piers on both sides. 1' X 4' fascia beams line the lower sides of the roadbed. 4"X 10" ballistrade, (sic) with 6" X 10" railings imbedded in spaced wood posts, form the guardrails."

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

REGION RMR PARK/AREA NAME ZION NATIONAL PARK PARK NUMBER 1590

STRUCTURE NAME Pine Creek Bridge STRUCTURE NUMBER 998

LOCATION OF STRUCTURE Pine Creek Bridge Historic 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(☒) Cyclic Maintenance(☒) Routine Maintenance(☒) Approved Ultimate Treatment(☒)

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

STATEMENT OF SIGNIFICANCE: Sandstone ashlar, single arch span, highway bridge of architectural and historical significance.

Date of Construction: 07/04/1930 Date of Alterations: - / /

Architect/Designer: Thos. Vint/ Ar. Angwin Historical Theme(s): Transportation

History of Structure: In Feb. 1928, Chief Landscape Engineer, Thomas C. Vint, and Bridge Engineer from the Regional Office, Mr. Angwin, made inspections of the bridge sites on the Zion-Mt. Carmel Highway which was in the process of construction by the U.S. Bureau of Public Works. Work on the Pine Creek Bridge, which was under the ultimate supervision of Chief, Thomas H. MacDonald, lagged behind highway construction due to design difficulties. Although open for the Dedication on 4th, completed late July.

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

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

Built of native sandstone, ashlar masonry and designed to compliment its natural surroundings, this bridge is a superb example of "NPS-Rustic" stone bridge engineering. Furthermore, the bridge is unaltered and retains structural integrity.

Bibliography: Scoyen, E.T. "ZNP Annual Report for 1930." Scoyen. "ZNP Superintendent's Monthly Reports, Feb., Oct., 1928." Exell, Dewey. Interview by Kathy Andrews, 1982, ZNHA.

Representation in Other Surveys: Olivieri, Lance. "Classified Structure Field Inventory Report, 1978."

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

Report prepared by: James Jurale Date: 09/27/1984

LOCATION: Section undetermined State Utah
Township 41 S County Washington
Range 10 W

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

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 Pine Creek Bridge, a masonry arch type constructed of native sandstone, is located at the base of the 6 switch backs which wind up Pine Creek Canyon to the Tunnel on the Zion - Mt. Carmel Highway. The structure is made entirely of Navajo sandstone with a cemented rubblestone core. The crossing at Pine Creek is 120 feet in length and 30 feet in width. The predominate structural theme is represented in the key-stoned arch which spans the creek. The barrel of the arch--constructed with a massive supporting key in the upper center--is 60 feet long and 23 feet high.

The precision of the stone work is made even more impressive by the skillful blending of blocks of several different colors and shades of colors in the arch and side walls. Tan, brown, red, pink, purple and some green tones are found in the hand-hewn rock. These vary, in turn, with the intensity of light provided by the moon and sun to make this structure one of the most beautiful found in Zion.

According to L. Dewey Excell, a master stonemason and 23-year Park Service employee who worked on the bridge, narrow guage rails for a motorized winch were built adjacent to the uncompleted bridge. "What they did was pick the rocks up over here and they'd swing it out and let it down to where ever we had a place for the rocks. We got (quarried) stone a month before we started laying."

Although the Pine Creek Bridge was opened for traffic at the Zion - Mt. Carmel Highway Dedication Ceremony on July 4, 1930, it was completed late in the month.

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

f
6.

REGION RMR PARK/AREA NAME ZION N.P. PARK NUMBER 1590
STRUCTURE NAME Zion-Mt. Carmel Tunnel STRUCTURE NUMBER RT 999
LOCATION OF STRUCTURE Zion-Mt. Carmel Tunnel 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(☒) Cyclic Maintenance(☒) Routine Maintenance(☒) Approved Ultimate Treatment(☒)

(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: Zion-Mt. Carmel Highway Tunnel of architectural and historic significance.

Date of Construction: 07/04/1930 Date of Alterations: 19/51/1958

Architect/Designer: Chief, T. MacDonald Historical Theme(s): Transportation

History of Structure: The original Tunnel reconnaissance was made in 1923 by Means and Finch assisted by East Rim rancher, John Winder. Survey of Tunnel completed in 1925, Tunnel contract awarded to Nevada Construction Co. of Fallon, Nevada and work started in 1927. Completed in 1930 at a cost of \$503,000. Congressman Louis C. Cramp-ton of Michigan, chairman of the House Committee for the National Park Service, spon-sored the appropriations that construction possible. Minor alterations in 1951-58.

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

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

The 5,613' long, rock faced tunnel with concrete spines was completed in 1930 and retains structural integrity. It is one of the most spectacular man-made sites at Zion N.P. and the only one of its kind in the Rocky Mountain Region.

Bibliography: Woodbury, Angus. A History of Southern Utah and its National Parks, 1950.

U.S. Dept. of Interior. "Zion N.P. Dedications, 1930.", "Zion N.P. Supt's Reports, 1951, 58.

Representation in Other Surveys: Olivieri, Lance. "Classified Structure Inventory Report, 1978."

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

Report prepared by: James Jurale Date: 09 / 24 / 1984

LOCATION: Section undetermined State Utah USE: CURRENT INTERIOR USE (NPS 28 CODE) OT (Tunnel)
Township 41 S County Washington Original Use Highway Tunnel
Range 10 W Intermediate Uses Highway Tunnel
PERIOD OF CONSTRUCTION (NPS 28 CODE) HI
NEGATIVE No. HAER No. UT-39-A-1

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.)

Due to the urging of Utah Parks Co. officials, the Federal Bureau of Public Roads and the Utah State Road Commission began studying ways by which the scenic points of interest in southern Utah and northern Arizona could be linked. In June, 1923, B.J. Finch, the District Engineer of the USDA Bureau of Public Roads at Ogden and Howard C. Means, a Utah State Engineer, arrived in Zion N.P. There, they met John Winder, an East Rim rancher who was a leading authority on the rugged Zion back country. After extensive exploration of the area, the 3 men concluded that a road up Pine Creek with a tunnel through the Great Arch was the most logical route to provide access into the Park from the East. The Park Service helped conduct the survey of alternative routes, including one up Panguitch Canyon, in 1925, but Pine Creek was ultimately selected.

The Nevada Construction Co. was the low bidder on the contract and began construction on the 6 galleries that are visible today, in 1927. Pilot tunnels were drilled and then enlarged with an Erie Air Shovel to a width of 22' and a height of 16'. Narrow gauge railcars hauled the waste material from the drillings and dumped it into the canyon below through the galleries. In 1951, Gallery #4 was reinforced with concrete after being damaged by a rock slide. A second gallery was partially sealed and that portion of the tunnel near the gallery reinforced with steel and concrete following a rockslide that occurred in 1958.

The Tunnel is 5,613' in length and cost \$503,000. The grade within the tunnel is approx. 4%, with an elevation increase of 281' from the west (5,115') to the east (5,396') end. The west entrance is faced with coursed, rock-faced, ashlar, sandstone outlining the opening with a key-stoned arch. Today, about 1/2 of the yearly visitors to Zion N.P. enter from the East Entrance via the Zion - Mt. Carmel Highway Tunnel. It is no longer possible to stop in the Tunnel and view out from the galleries, as Park officials have determined that modern automobiles presented a traffic hazard when they attempted to utilize the original narrow parking spaces built there.

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

REGION RMR PARK/AREA NAME ZION NATIONAL PARK PARK NUMBER 1590
 STRUCTURE NAME Zion - Mt. Carmel Highway STRUCTURE NUMBER RT 1000
 LOCATION OF STRUCTURE Zion Mt. Carmel Highway 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

(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: Scenic Highway of architectural and historical significance.

Date of Construction: 07/04/1930 Date of Alterations: 06/30/1968
 Architect/Designer: Thomas H. MacDonald Historical Theme(s): Transportation
 History of Structure: Thomas H. MacDonald, Chief of the Bureau of Public Roads and his engineering assistants completed the 3 year project in 1930. The original reconnaissance was made by U.S. District Engineer, B.J. Finch and Utah State Engineer H.C. Means assisted by Zion pioneer rancher, John Winder. Congressman Cramton, Chairman of the Sub-Committee on appropriations for National Parks and Stephen T. Mather, Director of the NPS were instrumental in obtaining the almost \$2 million Federal funds.
 Evaluation of Structure: Historic Theme Contributing X Non-Contributing _____
 National Register Criteria: A B Cx D (Include integrity statement)
Completed in 1930, the approx. 10 mile Park section of this 25 mile road is of great scenic interest and retains structural integrity. The conception, design and construction of this road was an artistic achievement which stands as a testimonial to NPS vision.
 Bibliography: Markoff, Dena S. "The Dudes are always Right" ZNHA, 1980. U.S. Dept. of Interior. "Zion N.P. Dedications, 1930." #ZP-101-01. Zion N.P. Completion Report #5104.
Representation in Other Surveys: Oliveri, Lance. "Classified Structure Inventory Report, 1978.

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

Report prepared by: James Jurale Date: 09/24/1984

LOCATION: Section undetermined, 19, 20 State Utah
Township 41 S County Washington, Kane
Range 9 W, 10 W

USE: CURRENT INTERIOR USE (NPS 28 CODE) 11, A
Original Use Scenic Highway
Intermediate Uses Scenic Highway
PERIOD OF CONSTRUCTION (NPS 28 CODE) HI

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

NEGATIVE No. HAER No. UT-39-5

PHYSICAL DESCRIPTION

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

After 4 years of planning, Zion - Mt. Carmel Highway construction began in 1927 for the purpose of linking up Zion National Park, Bryce Canyon National Park, Cedar Breaks and the North Rim of the Grand Canyon of the Colorado. Running east from the Virgin River Bridge, the road forms a connecting link between U.S. Highways 9 and 89, and completed the tourist loop envisioned by the Utah Parks Company in the early 1920's. The old road network from Zion measured 159 miles to Bryce, 139 miles to Cedar Breaks and 142 miles to the Grand Canyon. Upon completion in 1930, the Zion-Mt. Carmel Highway cut the distance to 88, 70 and 116 miles respectively. Ironically, this highway promoted by the UPC facilitated increased automobile traffic which eventually took the place of railroad transportation to the parks.

At the time of the dedication ceremony on July 4, 1930, 8 1/2 miles of highway, constructed at a cost of \$1,440,000 (including the tunnels) to the Federal Government, were located within the boundaries of Zion National Park. The remaining 16 1/2 miles was a Federal Aid project and had been constructed at the joint expense of the United States and the State of Utah. Presently, the Highway extends for approximately 10 miles from the Zion Lodge turnoff to the Park's eastern border, located 1/2 mile beyond the East Entrance Visitor Contact Station. In addition to the Zion-Mt. Carmel Tunnel and the Pine Creek Bridge (inventoried in separate "LCS Reports") other man-made structures located on the Park portion of the Highway include: a 1/10 mile long, rock-faced tunnel located approx. 1.2 miles to the east of the greater tunnel's east entrance; two 20 yard bridges with decorative concrete pylons; numerous galvanized pipe and sandstone culverts; and hundreds of cubic yards of random ashlar masonry retaining walls.

Six switchbacks cut into the soft sandstone of Pine Creek Canyon allow the roadway to drop 800' in its 3 1/2 mile course from the west end of the Zion-Mt. Carmel Tunnel to the floor of Zion Canyon. The maximum grade is 6 percent. Due to frequent rock falls onto the highway, CCC personnel picked loose rocks from the slopes above the Highway in

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

the early 1930's. Rock falls are still a road hazard today. Several pulloffs where scenic views may be enjoyed were constructed along the Highway in 1968.

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

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

FOR NPS USE ONLY

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JUN 8 1987

DATE ENTERED

CONTINUATION SHEET

ITEM NUMBER 10 PAGE 12

south of Cooks Hill, and parallels the canyon floor on the east side of Zion Canyon Scenic Drive immediately south of the Grotto Picnic Area. The boundary of the .2-mile trail is drawn to include all historic man-made improvements associated with the trail.

7. Hidden Canyon Trail (RT 4)
Temple of Sinawava Quadrangle

UTM References: 12/328810/4126020
12/328620/4126330

Acreage of nominated property is approximately .96 acres.

Boundary Description and Justification:

In an unsurveyed area in T40S, R10W, the boundaries extend 10 feet from each side of the center line of the trail, which averages 4 feet in width. The trailhead is located at Hidden Canyon Junction, a point on the East Rim Trail 3,150 feet above its origin at the south end of the Weeping Rock Parking Area. The 2,085-foot trail leads up a talus slope, over a small saddle, around the head of a small canyon, and across a cut in the sandstone cliff to the mouth of Hidden Canyon, a point 700 feet above the canyon floor. The boundary of the .4-mile trail is drawn to include all historic man-made improvements associated with the trail.

8. Zion-Mt. Carmel Highway (RT 1000)
Springdale East Quadrangle
The Barracks Quadrangle

UTM References: A) 12/324180/4120620
B) 12/326260/4119960
C) 12/329400/4120540
D) 12/331580/4121000
E) 12/331580/4122410

Acreage of noiminated property is approximately 41.174 acres.

Boundary Description and Justification:

In unsurveyed areas in T41S, R10W and in Sections 19 and 20, T41S, R9W, in Washington and Kane Counties, the boundaries extend 10 feet on each side of the paved road bed. The 8.5-mile-long automobile highway starts west of the Virgin River Bridge at Benchmark 4048, and continues east to the park's East Entrance, which is .6 mile east of the Checking Station. The highway includes three historic structures which are further described on LCS inventory forms: The Virgin River Bridge (997), the Pine Creek Bridge (998), and the Zion-Mt. Carmel Highway Tunnel (999). The Virgin River Bridge is .75 miles north of the Visitor's Center on the Zion Canyon Scenic Drive and is 185 feet in length.

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CONTINUATION SHEET

ITEM NUMBER 10 PAGE 13

The Pine Creek Bridge is on the Zion-Mt. Carmel Highway .5 mile east of the Zion Lodge Turnoff. The bridge is 120 feet in length. The Zion-Mt. Carmel Highway Tunnel's East Entrance is 3.4 miles east of the east end of the Virgin River Bridge on the Zion-Mt. Carmel Highway. The tunnel is 1.1 miles (5,613 feet) in length. The East Entrance Checking Station and East Entrance Sign, at the east end of the highway, are included in the list of thematically-related buildings and are further described on LCS inventory forms. The boundaries of the highway are drawn to include all historic man-made improvements associated with the highway.

9. Cable Mountain Draw Works
Temple of Sinawava Quadrangle

UTM References: 12/328500/4126100

Acreage of nominated property is approximately .018 acres.

Boundary Description and Justification:

In an unsurveyed area in T41S, R9W, at the extreme southwest edge of Cable Mountain, the site is 2,000 feet above the valley floor at the south end of the Weeping Rock Parking Area. The dimensions of the structure are 30 feet in length, 16 feet wide, and 14 feet high. The boundary is a 40- by 20-foot rectangle centered around the structure. This site was listed on the National Register of Historic Places in 1978.

United States Department of the Interior
National Park Service

National Register of Historic Places
Inventory—Nomination Form

For NPS use only

received

date entered

2/29/86

Continuation sheet

Item number

Page

Multiple Resource Area
Thematic Group

Name Zion National Park MRA
State Washington County, UTAH

Nomination/Type of Review

Date/Signature

21. Trailside Exhibit Building
(see 9. Gateway to the
Narrows Trail)

Substantive Review

Keeper

Attest

Return 5

22. Zion Nature Center--
Zion Inn

Substantive Review

Keeper

Attest

Linda McClelland
2/14/87

✓ 23. Zion-Mt. Carmel Highway

Substantive Review

Keeper

Attest

Linda McClelland 2/2/87

✓ 24. Zion Lodge Birch Creek
Historic District
Boundary Increase

Substantive Review

Keeper

Attest

Linda McClelland 7/7/88

25.

Keeper

Attest

26.

Keeper

Attest

27.

Keeper

Attest

28.

Keeper

Attest

29.

Keeper

Attest

30.

Keeper

Attest

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

Zion-Mt. Carmel Highway (Zion National Park MRA)
Washington County
UTAH

Substantive Review

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

Working No. 12/31/86
Fed. Reg. Date: 2/2/88
Date Due: 7/23/87
Action: ☒ ACCEPT 7-7-87
☐ RETURN
☐ REJECT
Federal Agency: NPS

Substantive Review: ☒ sample ☐ request ☐ appeal ☐ NR decision

Reviewer's comments: Accept w add'l UTM's

Recom./Criteria Accept C.
Reviewer LMcClelland
Discipline Arch
Date 7/7/87
☐ see continuation sheet

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

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	Check one	Check one
<input type="checkbox"/> excellent	<input type="checkbox"/> deteriorated	<input type="checkbox"/> original site
<input type="checkbox"/> good	<input type="checkbox"/> ruins	<input type="checkbox"/> moved
<input type="checkbox"/> fair	<input type="checkbox"/> unexposed	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: _____

Missing Core Documentation

Property Name

Multiple Property Name

Reference Number

County, State

Zion-Mount Carmel

Zion National Park MRA

86003709

Highway

Washington, Utah

The following Core Documentation is missing from this entry:

☐ Nomination Form

☒ Photographs

☐ USGS Map

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

Multiple Property Cover Sheet Reference Number: 64000878