

**Acknowledgment and  
Notice of Acknowledgment  
of Acceptance of R.S. 2477  
Right-of-Way Grant**

Ent 251361 Bk 429 Pg 727  
Date: 09-MAY-2008 2:14PM  
Fee: None  
Filed By: CT  
LES BARKER, Recorder  
GARFIELD COUNTY CORPORATION  
For: GOVERNOR/STATE OF UTAH

**THE STATE OF UTAH**

**TO ALL WHOM THESE PRESENTS SHALL COME, Greeting:**

**Know ye,** This is an Acknowledgment and Notice of Acknowledgment made under Utah Code Sections 72-5-309 through 310 inclusive, that the grant of the United States of America of “the right of way for the construction of highways over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its political subdivision Garfield County as it pertains to the highway located in Garfield County known as EAST RIFLE RANGE LOOP; County Road Number: 0198; State Geographic Information Database (SGID) Road Identification Number: RD090035. Total road length is 1.8 miles more or less.

The reason for this Acknowledgment and Notice of Acknowledgment includes, but is not limited to, the fact that the road was constructed, mechanically, or by continuous use as a public highway for a period of at least ten years, over public lands not reserved for public uses, prior to the earlier of (a) the October 21, 1976 repeal of R.S. 2477 or (b) the date the servient estate was reserved for public uses.

This Acknowledgment and Notice of Acknowledgment applies only to the segments of the road that traverse land owned by the Bureau of Land Management, United States Department of the Interior, and does not apply to segments of the road that traverse land owned by any other person or entity. The State of Utah and its political subdivisions reserve the right to make further acknowledgments and notices of acknowledgment with regard to road segments that traverse land owned by other entities, including the United States of America, through one or more of its agencies.

A printed copy of a map showing the location of the road in said county is appended hereto as “Attachment 1,” a printed copy of representative photos of the road is appended hereto as “Attachment 2,” a printed copy of a description of the beginning and ending points of the entire road together with a list of Townships, Ranges and Sections that may be traversed by the road in said county is appended hereto as “Attachment 3,” and a printed copy of the Road Centerline Description Cover Page(s) is appended hereto as “Attachment 4.” The Appendices listed in “Attachment 4” that contain the actual road centerline descriptions are incorporated herein by reference. Affidavits provided by individuals familiar with the road are appended hereto as “Attachment 5.”

A printed copy of this Acknowledgment and Notice of Acknowledgment, together with its Attachments and Appendices, may be viewed and/or obtained at the office of the Utah State Archives.

An electronic copy of this Acknowledgment and Notice of Acknowledgment, together with its Attachments and Appendices, may be viewed and/or downloaded as read-only PDF (Portable Document Format) files via the

Internet at <http://recorded2477roads.utah.gov>.

The owner of the servient estate in the land underlying the road-segments subject to this Acknowledgment and Notice is believed to be the United States of America through one or more of its agencies. Any of such agencies or any other person with a servient ownership claim or a competing dominant estate right-of-way ownership claim, may file a petition in the State District Court for Salt Lake County for a decision regarding the correctness of this Acknowledgment. A claimant shall file a petition within sixty (60) days after receipt of this Notice.

**In Witness Whereof**, I, John Harja, the official designee of the Governor of the State of Utah, in conformity to the laws of the State (Utah Code Sections 72-5-308 through 310 inclusive), have caused this Acknowledgment and Notice of Acknowledgment to be made.

Signed by my hand in Salt Lake City, Utah, the 23<sup>rd</sup> day of APRIL, 2008.

By the Governor's Designee

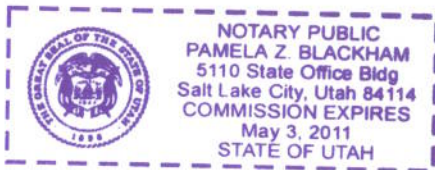
  
\_\_\_\_\_  
John Harja

**CERTIFICATION**

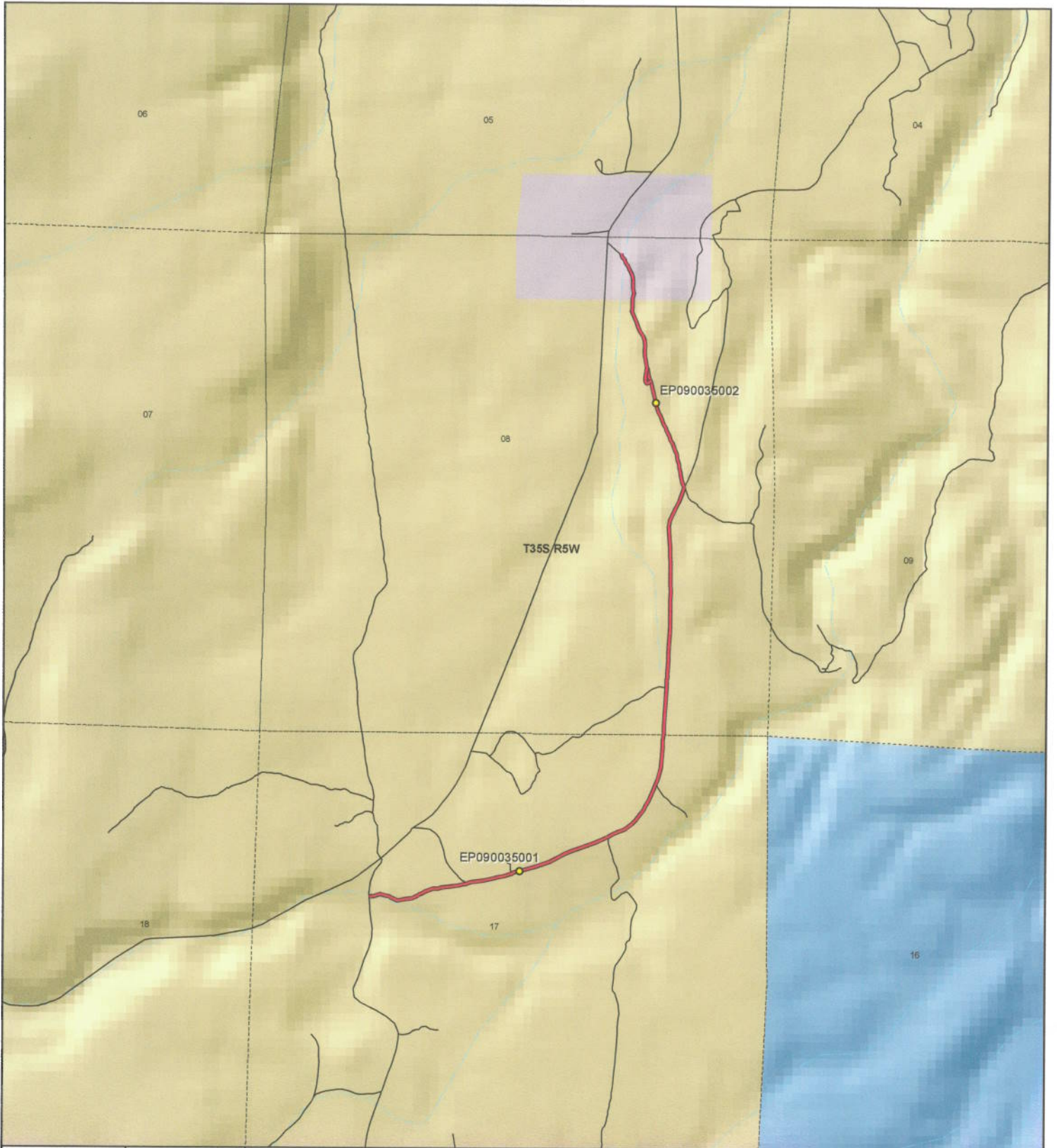
State of Utah                    )  
  : ss  
County of Salt Lake         )





I hereby certify that the signer of the foregoing document, John Harja, is personally known by me, has made a voluntary signature and taken an oath stating that he is the official designee of the Governor of the State of Utah and is authorized to sign this document on the Governor's behalf pursuant to Utah Code Section 72-5-309. He further vouched that, based upon information and belief, the facts alleged therein are true.

Dated this 23<sup>rd</sup> day of April, 2008.



  
\_\_\_\_\_  
Notary Public



 <p>1:16,502 1 inch equals 0.3 miles</p>		<p align="center"><b>EAST RIFLE RANGE LOOP - Garfield County</b> <b>SGID RD_ID RD090035</b></p> <table border="0"> <tr> <td colspan="2"><b>Land Ownership Categories</b></td> <td colspan="2"><b>Transportation Network</b></td> </tr> <tr> <td> BLM</td> <td> Wilderness</td> <td> EAST RIFLE RANGE LOOP</td> <td> Title V, Issued Or Under Consideration By BLM Or County</td> </tr> <tr> <td> Private</td> <td> UDWR Wildlife Reserve</td> <td> Other Roads</td> <td> Photo Event Point</td> </tr> <tr> <td> SITLA, State Trust Land</td> <td> DOD, Military</td> <td> Section = 1 Mile</td> <td></td> </tr> <tr> <td> USFS, National Forest</td> <td> State Sovereign Land</td> <td></td> <td></td> </tr> <tr> <td> State Parks and Recreation</td> <td> National Recreation Area</td> <td></td> <td></td> </tr> <tr> <td> Tribal, Indian Reservation</td> <td> USFWS, Natl. Wildlife Refuge</td> <td></td> <td></td> </tr> <tr> <td> NPS, National Park</td> <td></td> <td></td> <td></td> </tr> </table>	<b>Land Ownership Categories</b>		<b>Transportation Network</b>		BLM	Wilderness	EAST RIFLE RANGE LOOP	Title V, Issued Or Under Consideration By BLM Or County	Private	UDWR Wildlife Reserve	Other Roads	Photo Event Point	SITLA, State Trust Land	DOD, Military	Section = 1 Mile		USFS, National Forest	State Sovereign Land			State Parks and Recreation	National Recreation Area			Tribal, Indian Reservation	USFWS, Natl. Wildlife Refuge			NPS, National Park				<p>Map prepared by the State of Utah Automated Geographic Reference Center Room 5130 State Office Building Salt Lake City, Utah 84114 Feb 26, 2008</p>  
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EP090035001



EP090035002

EP000000000

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**EAST RIFLE RANGE LOOP - Garfield County**  
**SGID RD\_ID RD090035**

Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
February 29, 2008



### Attachment 3

#### Beginning & Ending Points and Township, Range, and Section References For:

**Popular Name: EAST RIFLE RANGE LOOP**

**County: Garfield**

**County Road Number: 0198**

**State Geographic Information Database (SGID) Road Identification Number: RD090035.**

**Total Road Length: 1.8 miles more or less.**

**Beginning at a point** on the road centerline located at 37 degrees 46 minutes 10.93 seconds North Latitude and -112 degrees 26 minutes 52.02 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,366,466.4 feet and Y = 10,245,523.9 feet based on the US Survey Foot conversion.

**Ending at a point** on the road centerline located at 37 degrees 47 minutes 18.87 seconds North Latitude and -112 degrees 26 minutes 20.42 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,369,072.0 feet and Y = 10,252,369.7 feet based on the US Survey Foot conversion.

This road may traverse:

Township 35 South Range 5 West, Section(s) 8,17, Salt Lake Base & Meridian  
See Attachment 1 above for a cartographic depiction of the course of this road.

**Attachment 4**  
**Road Centerline Description Cover Page(s)**

**Popular Name: EAST RIFLE RANGE LOOP**

**County: Garfield**

**County Road Number: 0198**

**State Geographic Information Database (SGID) Road Identification Number: RD090035.**

**Total Road Length: 1.8 miles more or less.**

**Centerline Descriptions Of Road-Segments That Cross Over Federally Owned Land, Derived From Global Positioning System Data And Cross-checked against USGS Digital Orthophoto Quadrangles Compiled By The Utah Automated Geographic Reference Center And Entered Into The State Geographic Information Database (SGID).**

<b>Road-Segments Listed by SGID Road Identification Number (RD ID)</b>	<b>Road-Segment Numbers</b>	<b>Believed Ownership Of Servient Estate</b>	<b>Approximate Segment Length</b>	<b>See Attached Appendix</b>
<b>RD090035</b>	<b>001</b>	<b>BLM</b>	<b>1.49 Miles</b>	<b>A</b>
<b>RD090035</b>	<b>002</b>	<b>BLM</b>	<b>0.03 Miles</b>	<b>B</b>
<b>RD090035</b>	<b>003</b>	<b>BLM</b>	<b>0.04 Miles</b>	<b>C</b>
<b>RD090035</b>	<b>004</b>	<b>BLM</b>	<b>0.14 Miles</b>	<b>D</b>
<b>RD090035</b>	<b>005</b>	<b>PVT</b>	<b>0.1 Miles</b>	<b>(not shown)</b>
		<b>Total Road Length</b>	<b>1.8</b>	<b>_____</b>

\* Indicates that a Title V permit will be requested, is in process, or has been issued.

† Indicates that road-segments crossing Forest Service land are under consideration by the state and county as of the date of this Acknowledgment and Notice of Acknowledgment.

## Attachment 5

**AFFIDAVIT OF RUSSELL BULKLEY**  
**EAST RIFLE RANGE LOOP ROAD**  
**GARFIELD COUNTY, UTAH**  
**ROAD NUMBER 0198**

State of Utah                    )  
  : ss.  
County of Garfield            )

RUSSELL BULKLEY, being first duly sworn, deposes and states as follows:

1. I am an adult competent to testify about the matters set forth below based upon my personal knowledge. I currently reside in Panguitch, Garfield County, Utah. I have lived in Garfield County since 1959. In 1971 and 1972 I worked for the Utah Department of Transportation on roads and from 1973 to 1975 I worked for the Utah Division of Wildlife Resources.

2. I have traveled and am familiar with a road in Garfield County known as East Rifle Range Loop Road. I am also familiar with the land the road traverses. When I first used and observed the road in the early 1960s it followed the same route as in 2007 when I last observed it. Attached is a Garfield County map showing East Rifle Range Loop Road. To the best of my knowledge and based upon my use of and familiarity with this road and the land it traverses, the location and route of the road are correctly illustrated on the attached map.

3. The County also identifies this road according to the road number listed above.

4. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1960s and continuing through 2007. Throughout this time period I observed travel on the road by means of cars, trucks, pickup trucks and ATVs. During this time period, the road was used weekly for more than ten continuous years prior to 1976 and was so used in 2007.



5. Throughout the time period from the early 1960s to 2007, I used the road myself for hunting, sightseeing and travel in and through the area.

6. Throughout the time period described in the previous paragraph, I have observed other vehicles from the general public using the road at various times for the uses described in the previous paragraph plus, livestock operations and recreation.

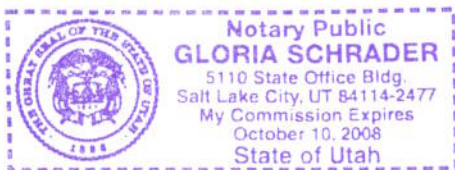
7. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1900s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

8. Prior to 1976, I observed the graded surface of the road and other evidence of maintenance and construction activities such as berms along the side of the road.

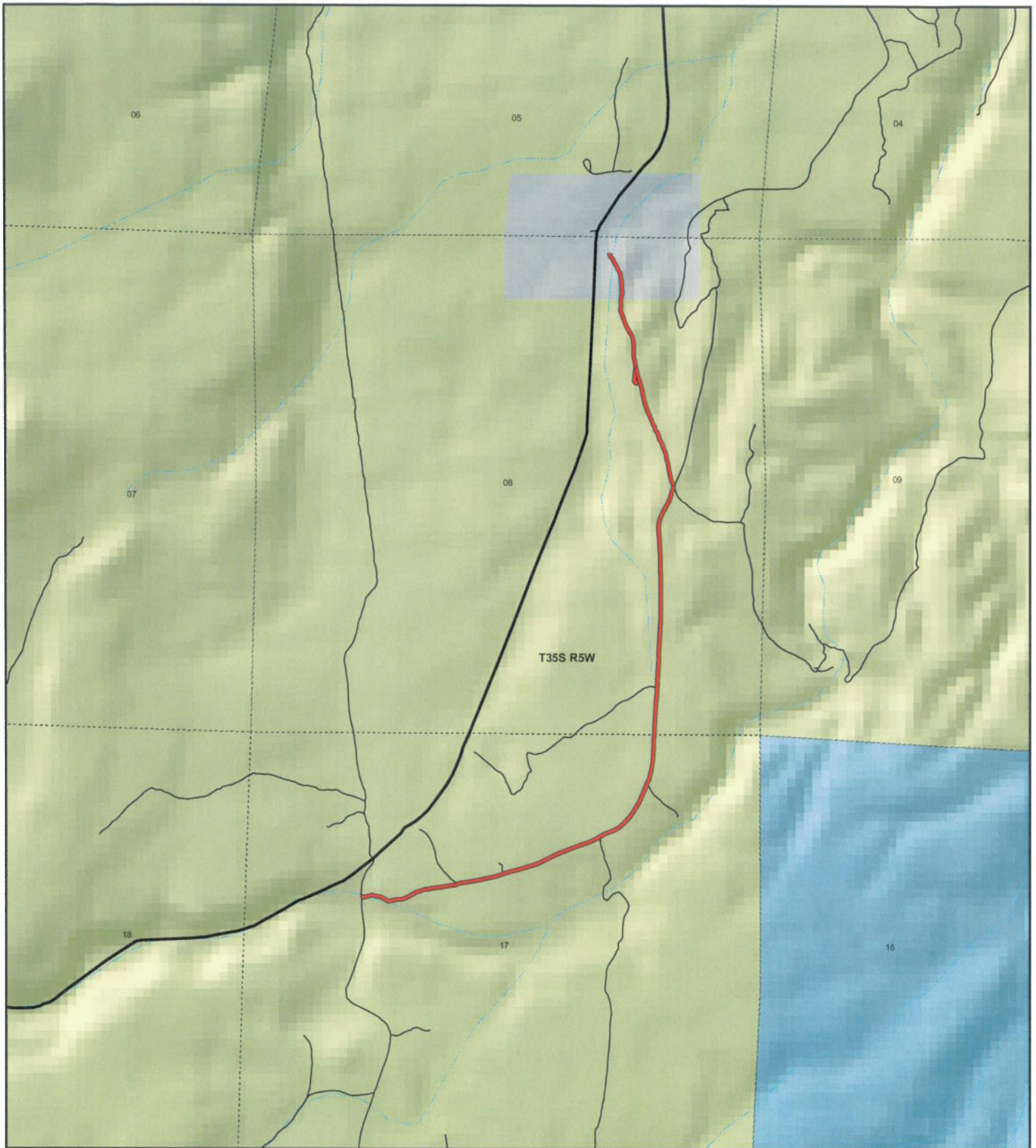
DATED this 12 day of July, 2007.

  
\_\_\_\_\_  
RUSSELL BULKLEY

SUBSCRIBED AND SWORN to before me this 12<sup>th</sup> day of July, 2007.



  
\_\_\_\_\_  
NOTARY PUBLIC



**EAST RIFLE RANGE LOOP**  
*County Unique - 0198*

**Land Ownership Categories**

- ◆ BLM
- ◆ Private
- ◆ SITLA, State Trust Land
- ◆ USFS, National Forest
- ◆ Wildlife Reserve
- ◆ National Park/Monument (NPS)
- ◆ National Rec. Area
- ◆ Wilderness
- ◆ State Park

**Transportation Network**

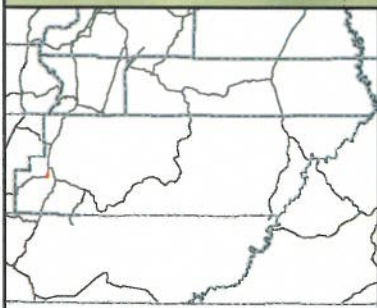
- EAST RIFLE RANGE LOOP
- State / U.S. Highway
- Local Roads

**Misc**

- City / Town
- ⋯ Municipalities
- ⋯ Section = 1 Mile
- ⊞ Monument Boundary



1:16,284  
 1 inch equals 0.3 miles



Map prepared by the State of Utah  
 AGRC  
 Room 5130 State Office Building  
 Salt Lake City, Utah 84114  
 Jul 05, 2007



**AFFIDAVIT OF STANLEY HUNTINGTON**

**EAST RIFLE RANGE LOOP ROAD**

**COUNTY ROAD NUMBER 0198**

**GARFIELD COUNTY, UTAH**

State of Utah                     )  
  : ss.  
County of Garfield             )

STANLEY HUNTINGTON, being first duly sworn, deposes and states as follows:

1. I am an adult competent to testify about the matters set forth below based upon my personal knowledge. I have lived in Garfield County for 26 years.

2. I have traveled and am familiar with a road in Garfield County known as East Rifle Range Loop Road. I am also familiar with the land the road traverses. When I first used and observed the road in the 1960s, it followed the same route as in 2007 when I last observed it. Attached is a Garfield County map showing East Rifle Range Loop Road. To the best of my knowledge and based upon my use of and familiarity with this road and the land it traverses, the location and route of the road are correctly illustrated on the attached map. The County also identifies this road according to the road number listed above.

3. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as 1955 and continuing through 1976 to 2007. Throughout this time period I have observed travel on the road by various means, including cars, trucks, maintenance vehicles, jeeps and ATV's. Throughout this time period, the road has been used daily, weather permitting, for more than ten continuous years prior to 1976, and was used daily, weather permitting in 2007.

4. Throughout the time period from the 1960s to 2007, I have used the road myself for UPS delivery.

5. Throughout the time period described in the previous paragraph, I observed vehicles using the road at various times for the uses described in the previous paragraph, plus shooting.

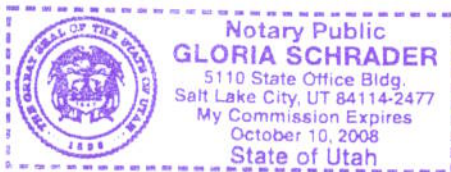
6. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the 1960s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

7. Prior to 1976, I observed the graded surface of the road.

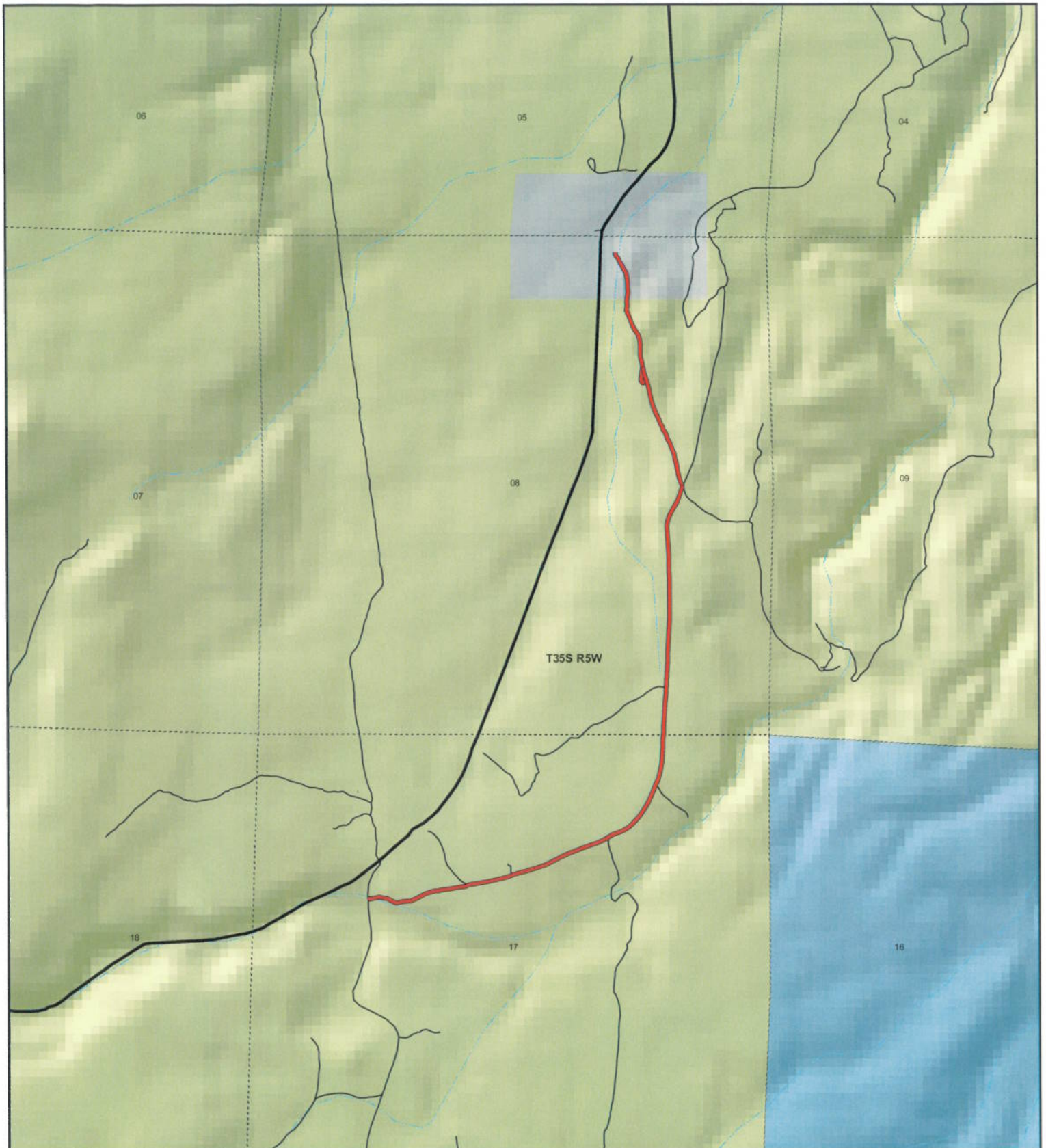
Dated this 12 day of July, 2007.

  
STANLEY HUNTINGTON

SUBSCRIBED AND SWORN to before me this 12<sup>th</sup> day of July, 2007.



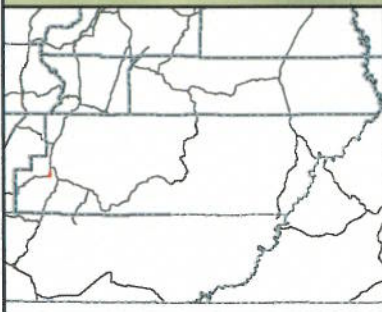
  
NOTARY PUBLIC



**EAST RIFLE RANGE LOOP**  
**County Unique - 0198**

- Land Ownership Categories**
- ◆ BLM
  - ◆ Private
  - ◆ SITLA, State Trust Land
  - ◆ USFS, National Forest
  - ◆ Wildlife Reserve
  - ◆ National Park/Monument (NPS)
  - ◆ National Rec. Area
  - ◆ Wilderness
  - ◆ State Park

- Transportation Network**
- EAST RIFLE RANGE LOOP
  - State / U.S. Highway
  - Local Roads
- Misc**
- City / Town
  - Municipalities
  - Section = 1 Mile
  - Monument Boundary



1:16,284  
 1 inch equals 0.3 miles



Map prepared by the State of Utah  
 AGRC  
 Room 5130 State Office Building  
 Salt Lake City, Utah 84114  
 Jul 05, 2007



**Ent 251361 Bl 0429 Pg 0739**

## Appendix A to Attachment 4

**Popular Name: EAST RIFLE RANGE LOOP**

**County: Garfield**

**County Road Number: 0198**

**State Geographic Information Database (SGID) Road Identification Number: RD090035.**

**Road-Segment Number: 001**

**Road-Segment Length: 1.49 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 35 South Range 5 West, Section(s) 8,17, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (EAST RIFLE RANGE LOOP)-- Segment 001 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 37 degrees 46 minutes 10.93 seconds North Latitude and -112 degrees 26 minutes 52.02 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,366,466.4 feet and Y = 10,245,523.9 feet; thence the following courses along the said road center line:

thence North 89 Degrees 13 Minutes 40 Seconds East 40.4 feet  
thence North 72 Degrees 39 Minutes 49 Seconds East 38.1 feet  
thence North 75 Degrees 46 Minutes 08 Seconds East 40.9 feet  
thence South 78 Degrees 03 Minutes 35 Seconds East 43.3 feet  
thence South 81 Degrees 16 Minutes 53 Seconds East 56.5 feet  
thence South 50 Degrees 24 Minutes 59 Seconds East 28.7 feet  
thence South 68 Degrees 03 Minutes 25 Seconds East 23.4 feet  
thence South 65 Degrees 12 Minutes 16 Seconds East 40.2 feet  
thence North 81 Degrees 04 Minutes 41 Seconds East 32.9 feet  
thence North 79 Degrees 44 Minutes 35 Seconds East 38 feet  
thence North 82 Degrees 54 Minutes 17 Seconds East 41.6 feet

thence North 84 Degrees 12 Minutes 05 Seconds East 34.3 feet  
thence North 77 Degrees 14 Minutes 37 Seconds East 25.9 feet  
thence North 66 Degrees 47 Minutes 16 Seconds East 25.3 feet  
thence North 61 Degrees 11 Minutes 53 Seconds East 26.1 feet  
thence North 60 Degrees 01 Minutes 37 Seconds East 29.8 feet  
thence North 61 Degrees 30 Minutes 54 Seconds East 31.3 feet  
thence North 63 Degrees 44 Minutes 06 Seconds East 27.7 feet  
thence North 65 Degrees 51 Minutes 18 Seconds East 30.9 feet  
thence North 71 Degrees 04 Minutes 20 Seconds East 31.9 feet  
thence North 70 Degrees 29 Minutes 23 Seconds East 30.9 feet  
thence North 84 Degrees 21 Minutes 41 Seconds East 24.7 feet  
thence North 85 Degrees 27 Minutes 26 Seconds East 26.7 feet  
thence North 76 Degrees 39 Minutes 37 Seconds East 36.4 feet  
thence North 78 Degrees 57 Minutes 17 Seconds East 38.7 feet  
thence North 82 Degrees 42 Minutes 45 Seconds East 48.6 feet  
thence North 82 Degrees 36 Minutes 45 Seconds East 53.2 feet  
thence North 78 Degrees 19 Minutes 14 Seconds East 58.2 feet  
thence North 81 Degrees 37 Minutes 14 Seconds East 46.7 feet  
thence North 81 Degrees 26 Minutes 50 Seconds East 22.9 feet  
thence North 54 Degrees 42 Minutes 06 Seconds East 8 feet  
thence North 59 Degrees 33 Minutes 08 Seconds East 11.8 feet  
thence North 76 Degrees 10 Minutes 38 Seconds East 35.1 feet  
thence North 80 Degrees 09 Minutes 49 Seconds East 45.6 feet  
thence North 83 Degrees 18 Minutes 44 Seconds East 50.2 feet  
thence North 79 Degrees 12 Minutes 08 Seconds East 63.1 feet  
thence North 77 Degrees 52 Minutes 20 Seconds East 72.1 feet  
thence North 76 Degrees 03 Minutes 03 Seconds East 69.6 feet  
thence North 77 Degrees 00 Minutes 22 Seconds East 64.2 feet  
thence North 72 Degrees 57 Minutes 57 Seconds East 62.7 feet  
thence North 66 Degrees 51 Minutes 36 Seconds East 6.8 feet  
thence North 68 Degrees 29 Minutes 59 Seconds East 17.2 feet  
thence North 51 Degrees 49 Minutes 07 Seconds East 15 feet  
thence North 73 Degrees 36 Minutes 43 Seconds East 37.9 feet  
thence North 77 Degrees 25 Minutes 44 Seconds East 54.1 feet  
thence North 73 Degrees 37 Minutes 30 Seconds East 62.8 feet  
thence North 74 Degrees 36 Minutes 52 Seconds East 65.6 feet  
thence North 72 Degrees 35 Minutes 27 Seconds East 66.9 feet  
thence North 69 Degrees 04 Minutes 12 Seconds East 65.2 feet  
thence North 66 Degrees 49 Minutes 56 Seconds East 65.9 feet  
thence North 61 Degrees 22 Minutes 26 Seconds East 67.1 feet  
thence North 62 Degrees 45 Minutes 44 Seconds East 68.8 feet  
thence North 64 Degrees 35 Minutes 39 Seconds East 68.8 feet  
thence North 67 Degrees 44 Minutes 14 Seconds East 67.6 feet  
thence North 70 Degrees 17 Minutes 58 Seconds East 68.2 feet  
thence North 69 Degrees 19 Minutes 28 Seconds East 70.7 feet  
thence North 69 Degrees 57 Minutes 11 Seconds East 72.9 feet  
thence North 72 Degrees 50 Minutes 07 Seconds East 33.9 feet  
thence North 67 Degrees 01 Minutes 20 Seconds East 28.1 feet  
thence North 65 Degrees 51 Minutes 42 Seconds East 58.5 feet

thence North 60 Degrees 38 Minutes 21 Seconds East 43.9 feet  
 thence North 56 Degrees 00 Minutes 13 Seconds East 4.7 feet  
 thence North 63 Degrees 55 Minutes 28 Seconds East 31.7 feet  
 thence North 58 Degrees 17 Minutes 19 Seconds East 36.5 feet  
 thence North 66 Degrees 26 Minutes 17 Seconds East 43.2 feet  
 thence North 67 Degrees 53 Minutes 32 Seconds East 42.4 feet  
 thence North 69 Degrees 35 Minutes 54 Seconds East 28.7 feet  
 thence North 65 Degrees 05 Minutes 38 Seconds East 30 feet  
 thence North 55 Degrees 08 Minutes 21 Seconds East 42.2 feet  
 thence North 49 Degrees 10 Minutes 42 Seconds East 47.5 feet  
 thence North 43 Degrees 47 Minutes 54 Seconds East 59.4 feet  
 thence North 38 Degrees 35 Minutes 37 Seconds East 61.1 feet  
 thence North 32 Degrees 53 Minutes 28 Seconds East 63.5 feet  
 thence North 30 Degrees 08 Minutes 38 Seconds East 62.8 feet  
 thence North 29 Degrees 03 Minutes 05 Seconds East 60.2 feet  
 thence North 23 Degrees 04 Minutes 14 Seconds East 55.4 feet  
 thence North 22 Degrees 34 Minutes 18 Seconds East 61.6 feet  
 thence North 22 Degrees 05 Minutes 23 Seconds East 64.6 feet  
 thence North 22 Degrees 04 Minutes 26 Seconds East 6 feet  
 thence North 22 Degrees 58 Minutes 47 Seconds East 56.4 feet  
 thence North 15 Degrees 57 Minutes 57 Seconds East 63.2 feet  
 thence North 11 Degrees 34 Minutes 56 Seconds East 63.7 feet  
 thence North 07 Degrees 08 Minutes 14 Seconds East 65.9 feet  
 thence North 04 Degrees 39 Minutes 07 Seconds East 72.1 feet  
 thence North 02 Degrees 17 Minutes 08 Seconds East 79.8 feet  
 thence North 01 Degrees 39 Minutes 36 Seconds East 76.5 feet  
 thence North 05 Degrees 07 Minutes 17 Seconds East 53.4 feet  
 thence North 05 Degrees 07 Minutes 20 Seconds East 19.5 feet  
 thence North 02 Degrees 33 Minutes 22 Seconds East 72.3 feet  
 thence North 02 Degrees 49 Minutes 12 Seconds East 78.2 feet  
 thence North 03 Degrees 17 Minutes 02 Seconds East 83.8 feet  
 thence North 02 Degrees 51 Minutes 00 Seconds East 89.4 feet  
 thence North 03 Degrees 45 Minutes 01 Seconds East 92.8 feet  
 thence North 02 Degrees 49 Minutes 34 Seconds East 66.1 feet  
 thence North 03 Degrees 10 Minutes 58 Seconds East 27 feet  
 thence North 01 Degrees 46 Minutes 15 Seconds East 63.4 feet  
 thence North 05 Degrees 13 Minutes 16 Seconds East 10.2 feet  
 thence North 05 Degrees 13 Minutes 16 Seconds East 10.2 feet  
 thence North 02 Degrees 57 Minutes 51 Seconds East 46 feet  
 thence North 02 Degrees 26 Minutes 04 Seconds East 61.8 feet  
 thence North 03 Degrees 23 Minutes 06 Seconds East 71.4 feet  
 thence North 01 Degrees 40 Minutes 34 Seconds East 85.4 feet  
 thence North 02 Degrees 21 Minutes 06 Seconds East 92 feet  
 thence North 03 Degrees 19 Minutes 23 Seconds East 88.1 feet  
 thence North 02 Degrees 23 Minutes 16 Seconds East 83.8 feet  
 thence North 01 Degrees 19 Minutes 48 Seconds East 80.4 feet  
 thence North 00 Degrees 54 Minutes 45 Seconds East 77.1 feet  
 thence North 00 Degrees 18 Minutes 22 Seconds West 72.8 feet  
 thence North 00 Degrees 02 Minutes 57 Seconds West 73.2 feet



thence North 00 Degrees 28 Minutes 04 Seconds East 72.9 feet  
 thence North 01 Degrees 33 Minutes 06 Seconds West 75.5 feet  
 thence North 00 Degrees 47 Minutes 01 Seconds West 78.8 feet  
 thence North 01 Degrees 29 Minutes 06 Seconds West 79.8 feet  
 thence North 00 Degrees 33 Minutes 15 Seconds West 75.8 feet  
 thence North 02 Degrees 01 Minutes 37 Seconds West 76.5 feet  
 thence North 03 Degrees 59 Minutes 23 Seconds West 76.6 feet  
 thence North 03 Degrees 48 Minutes 35 Seconds West 80.5 feet  
 thence North 03 Degrees 21 Minutes 33 Seconds West 73.9 feet  
 thence North 04 Degrees 27 Minutes 57 Seconds West 72.4 feet  
 thence North 07 Degrees 11 Minutes 48 Seconds East 67.8 feet  
 thence North 23 Degrees 12 Minutes 49 Seconds East 69.1 feet  
 thence North 27 Degrees 36 Minutes 54 Seconds East 80.6 feet  
 thence North 27 Degrees 47 Minutes 34 Seconds East 82.2 feet  
 thence North 20 Degrees 51 Minutes 45 Seconds East 71.8 feet  
 thence North 15 Degrees 16 Minutes 17 Seconds East 56.2 feet  
 thence North 22 Degrees 07 Minutes 10 Seconds East 22.4 feet  
 thence North 25 Degrees 20 Minutes 04 Seconds East 9.1 feet  
 thence North 27 Degrees 06 Minutes 43 Seconds West 34.9 feet  
 thence North 18 Degrees 18 Minutes 38 Seconds West 41.4 feet  
 thence North 12 Degrees 59 Minutes 12 Seconds West 40.4 feet  
 thence North 12 Degrees 08 Minutes 54 Seconds West 41.6 feet  
 thence North 12 Degrees 32 Minutes 16 Seconds West 48 feet  
 thence North 08 Degrees 50 Minutes 13 Seconds West 46.5 feet  
 thence North 16 Degrees 05 Minutes 13 Seconds West 47.1 feet  
 thence North 09 Degrees 11 Minutes 13 Seconds West 63.8 feet  
 thence North 25 Degrees 36 Minutes 28 Seconds West 59.9 feet  
 thence North 20 Degrees 30 Minutes 02 Seconds West 60.8 feet  
 thence North 31 Degrees 24 Minutes 33 Seconds West 46.4 feet  
 thence North 17 Degrees 12 Minutes 56 Seconds West 42.9 feet  
 thence North 23 Degrees 05 Minutes 19 Seconds West 35.6 feet  
 thence North 38 Degrees 46 Minutes 27 Seconds West 30.6 feet  
 thence North 06 Degrees 46 Minutes 34 Seconds West 32 feet  
 thence North 38 Degrees 24 Minutes 22 Seconds West 36.7 feet  
 thence North 19 Degrees 49 Minutes 02 Seconds West 44.2 feet  
 thence North 25 Degrees 56 Minutes 50 Seconds West 45.5 feet  
 thence North 21 Degrees 44 Minutes 27 Seconds West 47.6 feet  
 thence North 22 Degrees 20 Minutes 33 Seconds West 44.6 feet  
 thence North 16 Degrees 03 Minutes 27 Seconds West 39.9 feet  
 thence North 14 Degrees 52 Minutes 00 Seconds West 26.1 feet  
 thence North 13 Degrees 01 Minutes 50 Seconds West 104.3 feet  
 thence North 14 Degrees 27 Minutes 35 Seconds West 38.9 feet  
 thence North 15 Degrees 02 Minutes 12 Seconds West 72.3 feet  
 thence North 19 Degrees 44 Minutes 47 Seconds West 17.7 feet more or less to **the ending**

**point at:** 37 degrees 47 minutes 05.53 seconds North Latitude and -112 degrees 26 minutes 16.21 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,369,396.9 feet and Y = 10,251,016.5 feet.

## Appendix B to Attachment 4

**Popular Name: EAST RIFLE RANGE LOOP**

**County: Garfield**

**County Road Number: 0198**

**State Geographic Information Database (SGID) Road Identification Number: RD090035.**

**Road-Segment Number: 002**

**Road-Segment Length: 0.03 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 35 South Range 5 West, Section(s) 8, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (EAST RIFLE RANGE LOOP)-- Segment 002 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 37 degrees 47 minutes 05.53 seconds North Latitude and -112 degrees 26 minutes 16.21 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,369,396.9 feet and Y = 10,251,016.5 feet; thence the following courses along the said road center line:

thence North 19 Degrees 55 Minutes 55 Seconds West 44.9 feet

thence North 11 Degrees 13 Minutes 03 Seconds West 55.5 feet

thence North 14 Degrees 05 Minutes 17 Seconds West 35.8 feet

thence North 23 Degrees 03 Minutes 26 Seconds West 11 feet more or less to **the ending point**

**at:** 37 degrees 47 minutes 06.92 seconds North Latitude and -112 degrees 26 minutes 16.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,369,357.7 feet and Y = 10,251,158.1 feet.

## Appendix C to Attachment 4

**Popular Name: EAST RIFLE RANGE LOOP**

**County: Garfield**

**County Road Number: 0198**

**State Geographic Information Database (SGID) Road Identification Number: RD090035.**

**Road-Segment Number: 003**

**Road-Segment Length: 0.04 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 35 South Range 5 West, Section(s) 8, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (EAST RIFLE RANGE LOOP)-- Segment 003 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 37 degrees 47 minutes 06.92 seconds North Latitude and -112 degrees 26 minutes 16.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,369,357.7 feet and Y = 10,251,158.1 feet; thence the following courses along the said road center line:

thence South 14 Degrees 11 Minutes 37 Seconds West 39.3 feet

thence South 06 Degrees 25 Minutes 26 Seconds West 53.2 feet

thence South 00 Degrees 05 Minutes 29 Seconds West 47.3 feet

thence South 33 Degrees 18 Minutes 15 Seconds East 30.1 feet

thence North 56 Degrees 21 Minutes 10 Seconds East 29.9 feet

thence North 68 Degrees 22 Minutes 32 Seconds East 14.4 feet more or less to **the ending**

**point at:** 37 degrees 47 minutes 05.53 seconds North Latitude and -112 degrees 26 minutes 16.21 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,369,396.9 feet and Y = 10,251,016.5 feet.

## Appendix D to Attachment 4

**Popular Name: EAST RIFLE RANGE LOOP**

**County: Garfield**

**County Road Number: 0198**

**State Geographic Information Database (SGID) Road Identification Number: RD090035.**

**Road-Segment Number: 004**

**Road-Segment Length: 0.14 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 35 South Range 5 West, Section(s) 8, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (EAST RIFLE RANGE LOOP)-- Segment 004 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 37 degrees 47 minutes 06.92 seconds North Latitude and -112 degrees 26 minutes 16.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,369,357.7 feet and Y = 10,251,158.1 feet; thence the following courses along the said road center line:

thence North 19 Degrees 35 Minutes 47 Seconds West 7 feet  
thence North 11 Degrees 51 Minutes 59 Seconds West 14.7 feet  
thence North 06 Degrees 57 Minutes 06 Seconds West 34 feet  
thence North 13 Degrees 23 Minutes 29 Seconds West 62.3 feet  
thence North 01 Degrees 48 Minutes 50 Seconds West 62.4 feet  
thence North 01 Degrees 57 Minutes 29 Seconds East 58.1 feet  
thence North 07 Degrees 13 Minutes 03 Seconds West 54.5 feet  
thence North 15 Degrees 07 Minutes 22 Seconds West 52.6 feet  
thence North 35 Degrees 57 Minutes 42 Seconds West 55.7 feet  
thence North 26 Degrees 10 Minutes 52 Seconds West 60.9 feet  
thence North 21 Degrees 45 Minutes 15 Seconds West 59.2 feet

thence North 19 Degrees 26 Minutes 46 Seconds West 59 feet  
thence North 22 Degrees 43 Minutes 21 Seconds West 56.8 feet  
thence North 05 Degrees 57 Minutes 09 Seconds East 51.2 feet  
thence North 03 Degrees 16 Minutes 29 Seconds West 44.4 feet  
thence North 03 Degrees 44 Minutes 49 Seconds East 28.2 feet more or less to **the ending**  
**point at:** 37 degrees 47 minutes 14.09 seconds North Latitude and -112 degrees 26 minutes 18.83 seconds  
West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet  
coordinates of X = 1,369,194.7 feet and Y = 10,251,884.9 feet.