

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

**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over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its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 Emery County as it pertains to the highway located in Emery County known as GREEN RIVER CUTOFF; County Road Number: 401; State Geographic Information Database (SGID) Road Identification Number: RD080443. Total road length is 43.74 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 21<sup>st</sup> day of April, 2008.

By the Governor's Designee

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


**CERTIFICATION**

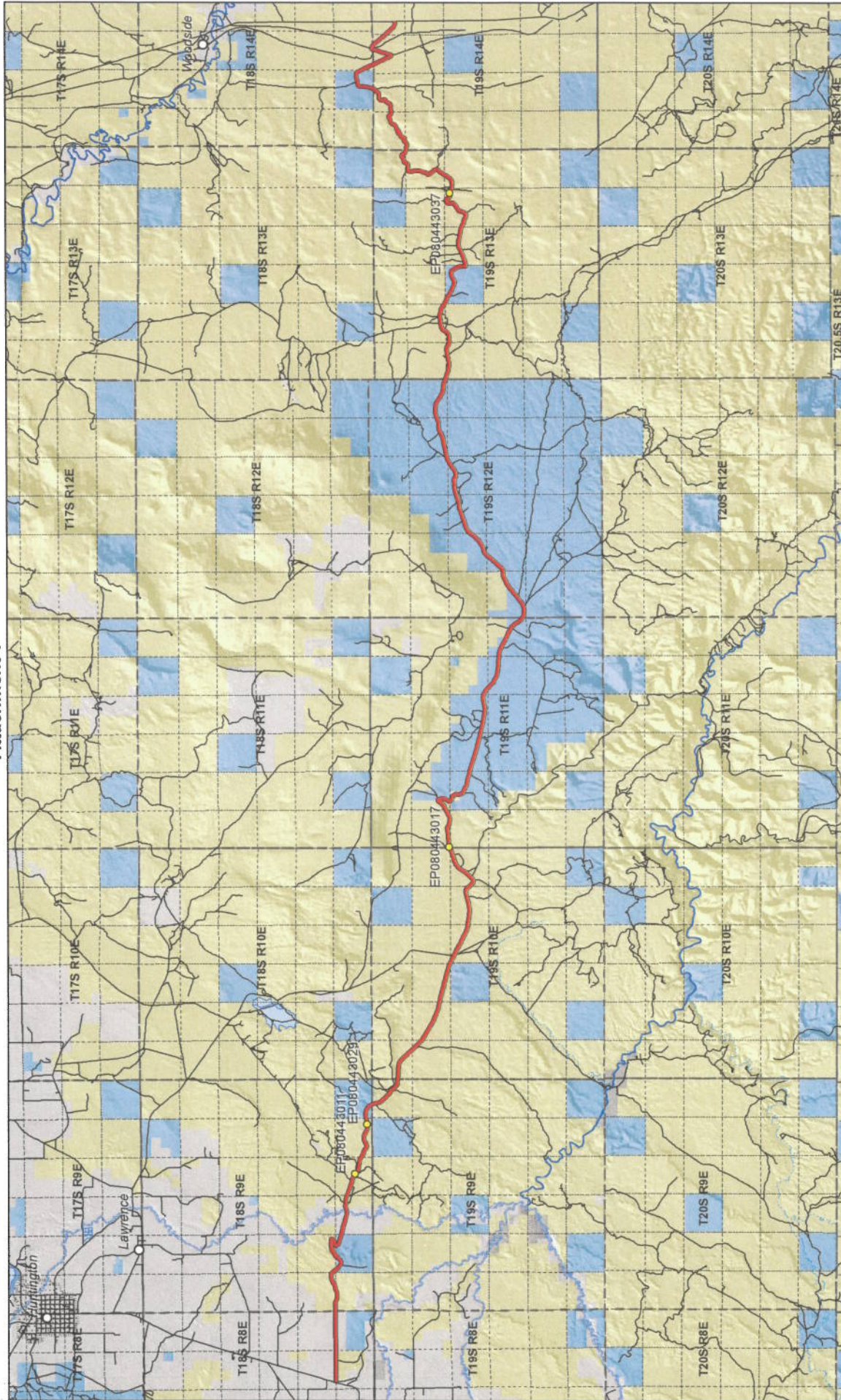
State of Utah                    )  
  : ss  
County of Salt Lake         )

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 21<sup>st</sup> day of April, 2008.



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



**GREEN RIVER CUTOFF - Emery County**  
**SGID RD\_ID RD080443**

**Land Ownership Categories**

- BLM
- Private
- SITLA, State Trust Land
- USFS, National Forest
- State Parks and Recreation
- Tribal, Indian Reservation
- NPS, National Park
- Wilderness
- UDWR Wildlife Reserve
- DOD, Military
- State Sovereign Land
- National Recreation Area
- USFWS, Natl. Wildlife Refuge
- NPS, National Park

**Transportation Network**

- GREEN RIVER CUTOFF
- Other Roads
- Title V, Issued Or Under Consideration By BLM
- Photo Event Point
- Section = 1 Mile

1:219,324  
1 inch equals 3.5 miles

Map prepared by the State of Utah  
Geographic Information Center  
Room 5500 State Office Building  
Salt Lake City, Utah 84114  
Jan 28, 2008

Attachment 2



EP080443011



EP080443017



EP080443029



EP080443037

EP000000000

EP000000000

**GREEN RIVER CUTOFF - Emery County**  
**SGID RD\_ID RD080443**

Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
February 1, 2008



### Attachment 3

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

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Total Road Length: 43.74 miles more or less.**

**Beginning at a point** on the road centerline located at 39 degrees 13 minutes 15.02 seconds North Latitude and -110 degrees 59 minutes 50.84 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,782,791.0 feet and Y = 6,885,329.6 feet based on the US Survey Foot conversion.

**Ending at a point** on the road centerline located at 39 degrees 11 minutes 43.51 seconds North Latitude and -110 degrees 20 minutes 18.99 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,969,559.8 feet and Y = 6,877,808.6 feet based on the US Survey Foot conversion.

This road may traverse:

Township 18 South Range 14 East, Section(s) 32,33, Salt Lake Base & Meridian

Township 18 South Range 8 East, Section(s) 25,26,35,36, Salt Lake Base & Meridian

Township 18 South Range 9 East, Section(s) 29,30,31,32,33,34,35,36, Salt Lake Base & Meridian

Township 19 South Range 10 East, Section(s) 6,7,8,9,10,12,13,14,15, Salt Lake Base & Meridian

Township 19 South Range 11 East, Section(s) 7,8,14,15,16,17,23,24, Salt Lake Base & Meridian

Township 19 South Range 12 East, Section(s) 10,11,12,15,16,17,19,20, Salt Lake Base & Meridian

Township 19 South Range 13 East, Section(s) 1,7,8,9,12,13,14,15,16,17,18, Salt Lake Base & Meridian

Township 19 South Range 14 East, Section(s) 3,4,5,6,7, Salt Lake Base & Meridian

Township 19 South Range 9 East, Section(s) 1, 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: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Total Road Length: 43.74 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>
RD080443	001	PVT	1.83 Miles	(not shown)
RD080443	002	BLM	1.17 Miles	A
RD080443	003	ST	0.5 Miles	(not shown)
RD080443	004	BLM	0.67 Miles	B
RD080443	005	ST	0.37 Miles	(not shown)
RD080443	006	PVT	0.75 Miles	(not shown)
RD080443	007	BLM	2.46 Miles	C
RD080443	008	ST	0.44 Miles	(not shown)
RD080443	009	BLM	9.19 Miles	D
RD080443	010	ST	0.29 Miles	(not shown)
RD080443	011	BLM	0.07 Miles	E
RD080443	012	ST	0.03 Miles	(not shown)
RD080443	013	BLM	0.3 Miles	F
RD080443	014	ST	6.17 Miles	(not shown)
RD080443	015	BLM	0.3 Miles	G
RD080443	016	ST	5.61 Miles	(not shown)
RD080443	017	BLM	2.15 Miles	H
RD080443	018	ST	1.33 Miles	(not shown)
RD080443	019	BLM	6.81 Miles	I
RD080443	020	ST	0.89 Miles	(not shown)
RD080443	021	BLM	2.41 Miles	J
<b>Total Road Length</b>			<b>43.74</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 TED EKKER  
GREEN RIVER CUTOFF ROAD  
EMERY COUNTY, UTAH  
ROAD NUMBER 401

State of Utah                    )  
  : ss.  
County of Emery                )

TED EKKER, 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 Green River, Emery County, Utah. I have lived in Emery County for the past 53 years.

2. I have traveled and am familiar with a road in Emery County known as Green River Cutoff 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 2006 when I last observed it. Attached is a Emery County map showing the Green River Cutoff 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. I am informed that 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 1976 to 2006. Throughout this time period I have observed travel on the road by various means, including cars, trucks, recreational vehicles, and pickup trucks. Throughout this time period, the road has been used daily, for more than ten continuous years prior to 1976, and is presently used daily.



5. Throughout the time period from the early 1960s to 2006, I have used the road myself for the following uses: hunting, recreation, sight seeing and traveling in and through the area.

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

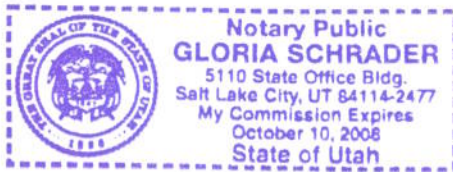
7. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1900s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

8. Prior to 1976, I personally observed graders performing maintenance and construction activities on the road.

DATED this 8 day of March, 2007.

Ted Ekker  
TED EKKER

SUBSCRIBED AND SWORN to before me this 8<sup>th</sup> day of March, 2007.



Gloria Schrader  
NOTARY PUBLIC

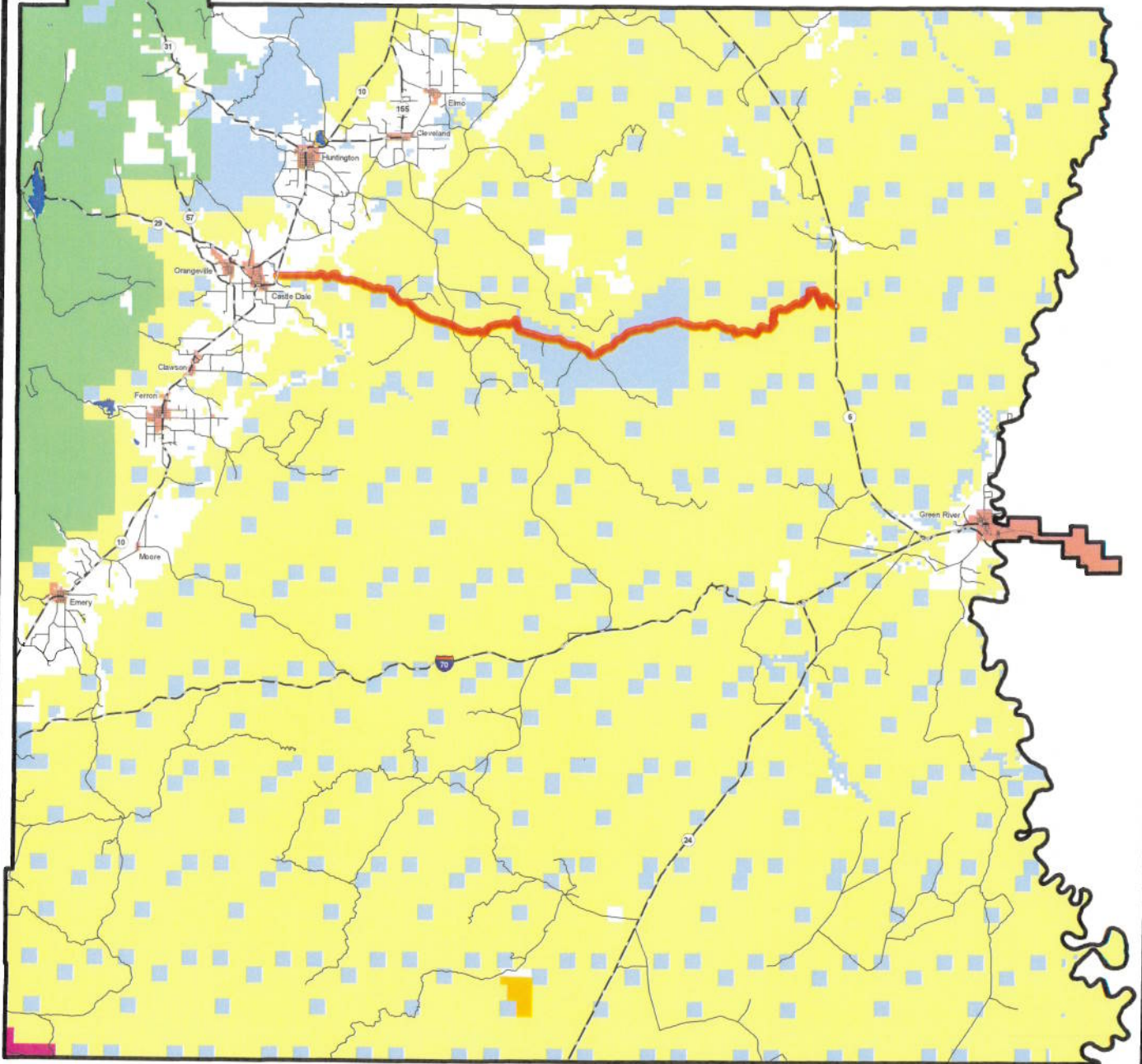
# Road #401

# Green River Cut-off

-  Green River Cut-off
-  Highway/Interstate
-  B Class Road



-  BLM
-  State
-  NPS
-  Water
-  USFS
-  Private
-  USP
-  City Boundary



AFFIDAVIT OF VERNON LEAMASTER  
GREEN RIVER CUTOFF ROAD  
EMERY COUNTY, UTAH  
ROAD NUMBER 401

State of Utah                    )  
  : ss.  
County of Emery                )

VERNON LEAMASTER, 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 Huntington, Emery County, Utah. I have lived in Emery County for most of my life. I worked for the Emery County Road Department from May of 1965 until May of 1982.

2. I have traveled and am familiar with a road in Emery County known as Green River Cutoff Road. I am also familiar with the land the road traverses. When I first used and observed the road in the early 1930s it followed the same route as in 2004 when I last observed it. Attached is a Emery County map showing the Green River Cutoff 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. I am informed that 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 1930s and continuing through 1976 to 2004. Throughout this time period I have observed travel on the road by various means, including cars, trucks, recreational vehicles, and pickup trucks. Throughout this time period, the road has been used daily, for more than ten continuous years prior to 1976, and is presently used daily.

5. Throughout the time period from the early 1930s to 2004, I have used the road myself for county road maintenance and traveling in and through the area.

6. Throughout the time period described in the previous paragraph, I observed other vehicles from the general public using the road at various times for the uses described in the previous paragraph, plus the following uses: farming, residential access, hunting, rock hounding, recreation and livestock operations.

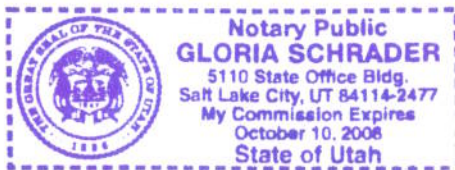
7. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1900s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

8. Prior to 1976, I personally supervised the maintenance and construction activities on the road.

DATED this 6 day of March, 2007.

Vernon Leamaster  
VERNON LEAMASTER

SUBSCRIBED AND SWORN to before me this 6<sup>th</sup> day of March, 2007.



Gloria Schrader  
NOTARY PUBLIC

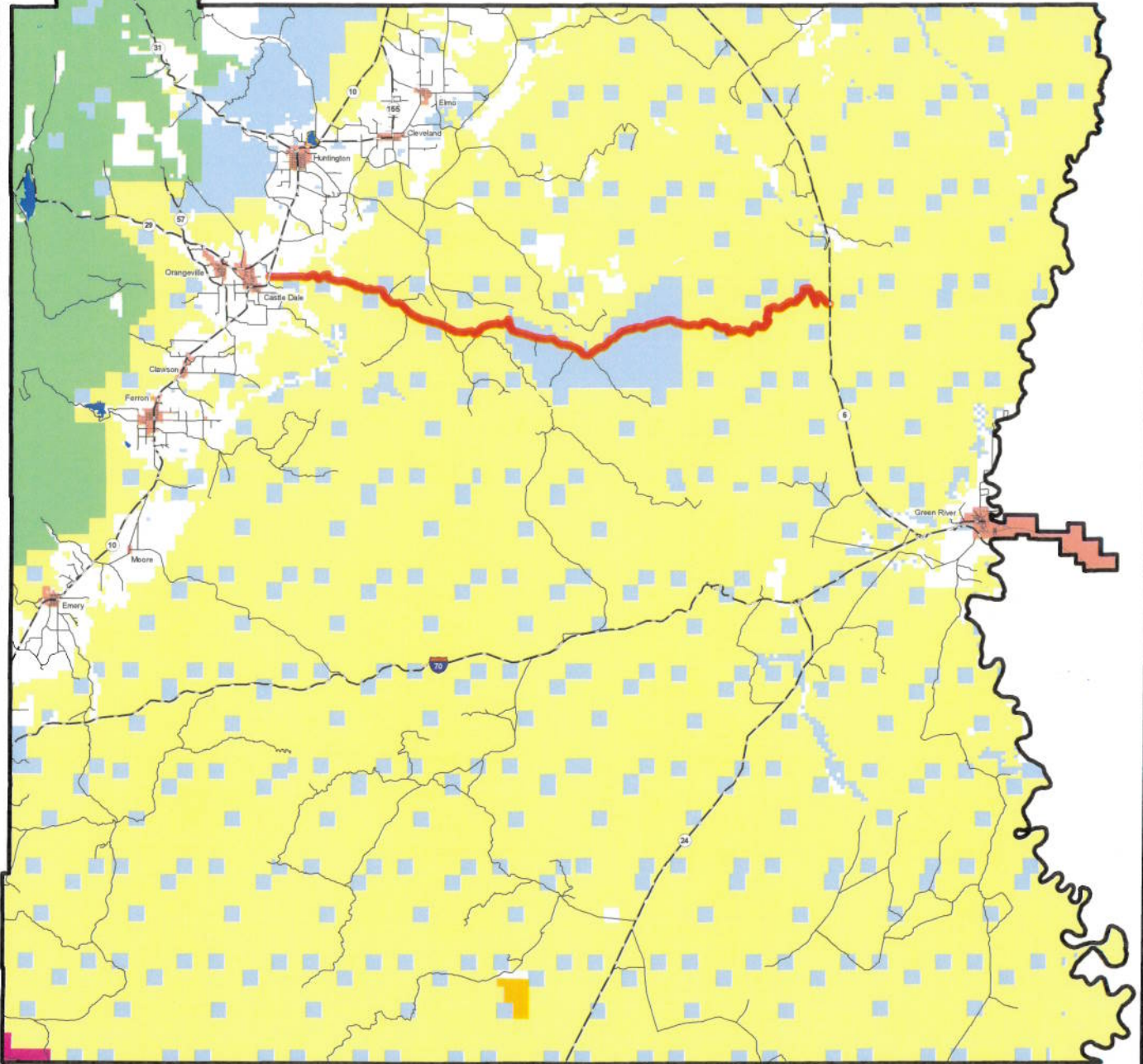
# Road #401

# Green River Cut-off

-  Green River Cut-off
-  Highway/Interstate
-  B Class Road



- |  |   |   |   |
|--|---|---|---|
|  BLM  |  State   |  NPS |  Water         |
|  USFS |  Private |  USP |  City Boundary |



## Appendix A to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 002**

**Road-Segment Length: 1.17 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 18 South Range 8 East, Section(s) 25, Salt Lake Base & Meridian

Township 18 South Range 9 East, Section(s) 29,30,31,32, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- 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 39 degrees 13 minutes 15.41 seconds North Latitude and -110 degrees 57 minutes 48.22 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,792,440.4 feet and Y = 6,885,425.2 feet; thence the following courses along the said road center line:

thence North 89 Degrees 03 Minutes 23 Seconds East	30.2 feet
thence North 88 Degrees 54 Minutes 18 Seconds East	24.3 feet
thence North 88 Degrees 51 Minutes 22 Seconds East	114.2 feet
thence North 89 Degrees 01 Minutes 01 Seconds East	113.6 feet
thence North 89 Degrees 16 Minutes 36 Seconds East	140.1 feet
thence North 89 Degrees 04 Minutes 57 Seconds East	189.1 feet
thence North 89 Degrees 06 Minutes 46 Seconds East	199.2 feet
thence North 88 Degrees 26 Minutes 24 Seconds East	197.3 feet
thence North 89 Degrees 06 Minutes 35 Seconds East	165.1 feet
thence South 83 Degrees 54 Minutes 06 Seconds East	52.8 feet

thence South 77 Degrees 47 Minutes 30 Seconds East 3 feet  
 thence South 78 Degrees 23 Minutes 59 Seconds East 60.4 feet  
 thence South 70 Degrees 04 Minutes 45 Seconds East 56 feet  
 thence South 69 Degrees 52 Minutes 43 Seconds East 38.5 feet  
 thence South 60 Degrees 55 Minutes 53 Seconds East 98.3 feet  
 thence South 61 Degrees 04 Minutes 18 Seconds East 75.2 feet  
 thence South 66 Degrees 38 Minutes 04 Seconds East 76 feet  
 thence South 74 Degrees 07 Minutes 53 Seconds East 10.6 feet  
 thence South 78 Degrees 19 Minutes 06 Seconds East 42.6 feet  
 thence South 79 Degrees 46 Minutes 21 Seconds East 96.8 feet  
 thence South 80 Degrees 59 Minutes 49 Seconds East 133.7 feet  
 thence South 83 Degrees 32 Minutes 04 Seconds East 158.3 feet  
 thence South 89 Degrees 17 Minutes 58 Seconds East 184.1 feet  
 thence North 89 Degrees 52 Minutes 20 Seconds East 195 feet  
 thence North 87 Degrees 46 Minutes 24 Seconds East 187.5 feet  
 thence North 70 Degrees 57 Minutes 35 Seconds East 188.2 feet  
 thence North 67 Degrees 18 Minutes 15 Seconds East 200.9 feet  
 thence North 72 Degrees 51 Minutes 05 Seconds East 196.1 feet  
 thence North 76 Degrees 10 Minutes 10 Seconds East 52 feet  
 thence North 76 Degrees 18 Minutes 00 Seconds East 131.9 feet  
 thence North 69 Degrees 33 Minutes 41 Seconds East 190.8 feet  
 thence North 65 Degrees 25 Minutes 40 Seconds East 218.1 feet  
 thence North 64 Degrees 20 Minutes 13 Seconds East 220.1 feet  
 thence North 64 Degrees 13 Minutes 25 Seconds East 204.6 feet  
 thence North 64 Degrees 33 Minutes 13 Seconds East 198.6 feet  
 thence North 67 Degrees 03 Minutes 03 Seconds East 173.2 feet  
 thence North 70 Degrees 13 Minutes 22 Seconds East 64 feet  
 thence North 71 Degrees 41 Minutes 30 Seconds East 53.1 feet  
 thence North 72 Degrees 09 Minutes 13 Seconds East 111.2 feet  
 thence North 76 Degrees 27 Minutes 14 Seconds East 140.6 feet  
 thence North 86 Degrees 34 Minutes 23 Seconds East 169.6 feet  
 thence South 77 Degrees 07 Minutes 48 Seconds East 172.6 feet  
 thence South 56 Degrees 32 Minutes 00 Seconds East 161.1 feet  
 thence South 45 Degrees 29 Minutes 53 Seconds East 149.9 feet  
 thence South 40 Degrees 51 Minutes 12 Seconds East 29.8 feet  
 thence South 41 Degrees 06 Minutes 39 Seconds East 129.6 feet  
 thence South 39 Degrees 45 Minutes 34 Seconds East 177.2 feet  
 thence South 39 Degrees 42 Minutes 02 Seconds East 175.4 feet  
 thence South 39 Degrees 43 Minutes 17 Seconds East 11.9 feet  
 thence South 42 Degrees 18 Minutes 28 Seconds East 4.4 feet more or less to **the ending point**

**at:** 39 degrees 13 minutes 15.15 seconds North Latitude and -110 degrees 56 minutes 35.77 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,798,141.9 feet and Y = 6,885,433.5 feet.

## Appendix B to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 004**

**Road-Segment Length: 0.67 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 18 South Range 9 East, Section(s) 29,32, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- 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 39 degrees 13 minutes 15.23 seconds North Latitude and -110 degrees 56 minutes 10.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,800,140.5 feet and Y = 6,885,454.2 feet; thence the following courses along the said road center line:

thence North 47 Degrees 51 Minutes 32 Seconds East	8.4 feet
thence North 50 Degrees 07 Minutes 10 Seconds East	9.8 feet
thence North 49 Degrees 04 Minutes 40 Seconds East	3 feet
thence North 44 Degrees 40 Minutes 45 Seconds East	2.3 feet
thence North 47 Degrees 18 Minutes 05 Seconds East	60.9 feet
thence North 66 Degrees 28 Minutes 50 Seconds East	112.5 feet
thence North 66 Degrees 18 Minutes 25 Seconds East	142.3 feet
thence North 65 Degrees 33 Minutes 29 Seconds East	120.5 feet
thence North 53 Degrees 55 Minutes 54 Seconds East	93.8 feet
thence North 37 Degrees 20 Minutes 28 Seconds East	147.2 feet
thence North 44 Degrees 19 Minutes 11 Seconds East	148.1 feet



thence North 68 Degrees 55 Minutes 47 Seconds East 159.3 feet  
 thence North 84 Degrees 02 Minutes 24 Seconds East 157 feet  
 thence North 86 Degrees 53 Minutes 49 Seconds East 128.5 feet  
 thence North 85 Degrees 49 Minutes 15 Seconds East 141.4 feet  
 thence North 85 Degrees 31 Minutes 52 Seconds East 172.4 feet  
 thence North 87 Degrees 06 Minutes 55 Seconds East 176.1 feet  
 thence North 86 Degrees 59 Minutes 43 Seconds East 147.2 feet  
 thence North 81 Degrees 18 Minutes 47 Seconds East 67.7 feet  
 thence North 79 Degrees 22 Minutes 27 Seconds East 7.3 feet  
 thence North 80 Degrees 55 Minutes 58 Seconds East 13 feet  
 thence North 81 Degrees 00 Minutes 36 Seconds East 74 feet  
 thence North 87 Degrees 06 Minutes 55 Seconds East 110.1 feet  
 thence South 78 Degrees 04 Minutes 24 Seconds East 137.7 feet  
 thence South 37 Degrees 22 Minutes 47 Seconds East 119.3 feet  
 thence South 11 Degrees 03 Minutes 05 Seconds West 118.2 feet  
 thence South 40 Degrees 29 Minutes 00 Seconds West 120.5 feet  
 thence South 46 Degrees 27 Minutes 18 Seconds West 119.8 feet  
 thence South 68 Degrees 44 Minutes 58 Seconds West 100.1 feet  
 thence North 84 Degrees 56 Minutes 45 Seconds West 122.6 feet  
 thence South 85 Degrees 50 Minutes 43 Seconds West 63.8 feet  
 thence South 84 Degrees 42 Minutes 33 Seconds West 30.3 feet  
 thence South 78 Degrees 22 Minutes 09 Seconds West 6.7 feet  
 thence South 76 Degrees 04 Minutes 42 Seconds West 62.8 feet  
 thence South 75 Degrees 27 Minutes 47 Seconds West 127 feet  
 thence South 60 Degrees 36 Minutes 01 Seconds West 150.6 feet  
 thence South 25 Degrees 43 Minutes 57 Seconds West 49.3 feet  
 thence South 25 Degrees 32 Minutes 43 Seconds West 12 feet more or less to **the ending point**

**at:** 39 degrees 13 minutes 15.29 seconds North Latitude and -110 degrees 55 minutes 52.91 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,801,515.3 feet and Y = 6,885,468.8 feet.

## Appendix C to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 007**

**Road-Segment Length: 2.46 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 18 South Range 9 East, Section(s) 33,34,35,36, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- Segment 007 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 13 minutes 01.31 seconds North Latitude and -110 degrees 54 minutes 44.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,806,891.5 feet and Y = 6,884,089.3 feet; thence the following courses along the said road center line:

thence South 88 Degrees 22 Minutes 55 Seconds East	126.1 feet
thence South 86 Degrees 46 Minutes 58 Seconds East	122.3 feet
thence South 86 Degrees 14 Minutes 07 Seconds East	13.8 feet
thence South 86 Degrees 18 Minutes 24 Seconds East	18.8 feet
thence South 85 Degrees 24 Minutes 01 Seconds East	49.7 feet
thence South 58 Degrees 18 Minutes 56 Seconds East	3.1 feet
thence South 86 Degrees 16 Minutes 17 Seconds East	37.2 feet
thence South 86 Degrees 27 Minutes 12 Seconds East	116.8 feet
thence South 86 Degrees 30 Minutes 25 Seconds East	153 feet
thence South 86 Degrees 22 Minutes 20 Seconds East	185.9 feet
thence South 84 Degrees 59 Minutes 10 Seconds East	194.2 feet

thence South 78 Degrees 03 Minutes 52 Seconds East 194.8 feet  
 thence South 70 Degrees 25 Minutes 35 Seconds East 199.6 feet  
 thence South 69 Degrees 34 Minutes 20 Seconds East 102.8 feet  
 thence South 69 Degrees 47 Minutes 09 Seconds East 104.8 feet  
 thence South 69 Degrees 28 Minutes 14 Seconds East 209.3 feet  
 thence South 70 Degrees 13 Minutes 33 Seconds East 214.9 feet  
 thence South 69 Degrees 40 Minutes 30 Seconds East 220.6 feet  
 thence South 69 Degrees 21 Minutes 47 Seconds East 169.8 feet  
 thence South 70 Degrees 05 Minutes 46 Seconds East 19.9 feet  
 thence South 71 Degrees 12 Minutes 43 Seconds East 44.1 feet  
 thence South 69 Degrees 09 Minutes 35 Seconds East 109.1 feet  
 thence South 69 Degrees 36 Minutes 53 Seconds East 146.7 feet  
 thence South 69 Degrees 21 Minutes 47 Seconds East 169.8 feet  
 thence South 70 Degrees 38 Minutes 45 Seconds East 177.4 feet  
 thence South 71 Degrees 29 Minutes 47 Seconds East 183.1 feet  
 thence South 72 Degrees 47 Minutes 26 Seconds East 190.7 feet  
 thence South 72 Degrees 56 Minutes 22 Seconds East 203.2 feet  
 thence South 71 Degrees 25 Minutes 55 Seconds East 157.1 feet  
 thence South 71 Degrees 53 Minutes 10 Seconds East 62.3 feet  
 thence South 69 Degrees 24 Minutes 19 Seconds East 177.4 feet  
 thence South 69 Degrees 17 Minutes 01 Seconds East 91.4 feet  
 thence South 69 Degrees 01 Minutes 47 Seconds East 47.9 feet  
 thence South 68 Degrees 55 Minutes 24 Seconds East 112.4 feet  
 thence South 68 Degrees 17 Minutes 15 Seconds East 150.5 feet  
 thence South 63 Degrees 21 Minutes 47 Seconds East 149.9 feet  
 thence South 55 Degrees 23 Minutes 50 Seconds East 67.6 feet  
 thence South 58 Degrees 29 Minutes 37 Seconds East 11.2 feet  
 thence South 57 Degrees 08 Minutes 33 Seconds East 61.2 feet  
 thence South 50 Degrees 33 Minutes 38 Seconds East 106.7 feet  
 thence South 49 Degrees 09 Minutes 36 Seconds East 142.1 feet  
 thence South 48 Degrees 00 Minutes 59 Seconds East 162.9 feet  
 thence South 50 Degrees 19 Minutes 23 Seconds East 125.1 feet  
 thence South 54 Degrees 25 Minutes 42 Seconds East 30.8 feet  
 thence South 58 Degrees 35 Minutes 51 Seconds East 42.4 feet  
 thence South 63 Degrees 26 Minutes 45 Seconds East 81.3 feet  
 thence South 67 Degrees 44 Minutes 35 Seconds East 103.4 feet  
 thence South 76 Degrees 59 Minutes 05 Seconds East 123.8 feet  
 thence South 83 Degrees 56 Minutes 09 Seconds East 138.7 feet  
 thence South 87 Degrees 15 Minutes 34 Seconds East 141.3 feet  
 thence South 87 Degrees 09 Minutes 58 Seconds East 41.7 feet  
 thence South 87 Degrees 46 Minutes 34 Seconds East 44.4 feet  
 thence South 85 Degrees 25 Minutes 02 Seconds East 111.3 feet  
 thence South 84 Degrees 35 Minutes 52 Seconds East 148.1 feet  
 thence South 83 Degrees 25 Minutes 29 Seconds East 153.1 feet  
 thence South 80 Degrees 31 Minutes 33 Seconds East 148.5 feet  
 thence South 75 Degrees 13 Minutes 18 Seconds East 158.8 feet  
 thence South 66 Degrees 02 Minutes 55 Seconds East 172.5 feet  
 thence South 56 Degrees 55 Minutes 49 Seconds East 156.8 feet  
 thence South 59 Degrees 51 Minutes 20 Seconds East 6.5 feet

thence South 54 Degrees 15 Minutes 38 Seconds East 41.8 feet  
 thence South 54 Degrees 04 Minutes 02 Seconds East 109.9 feet  
 thence South 55 Degrees 11 Minutes 13 Seconds East 32.5 feet  
 thence South 55 Degrees 21 Minutes 37 Seconds East 98.5 feet  
 thence South 57 Degrees 02 Minutes 23 Seconds East 76.6 feet  
 thence South 82 Degrees 11 Minutes 28 Seconds East 2.3 feet  
 thence South 55 Degrees 29 Minutes 48 Seconds East 9.2 feet  
 thence South 65 Degrees 45 Minutes 14 Seconds East 75.8 feet  
 thence South 68 Degrees 56 Minutes 18 Seconds East 125.1 feet  
 thence South 74 Degrees 21 Minutes 25 Seconds East 137.2 feet  
 thence South 76 Degrees 21 Minutes 34 Seconds East 61.2 feet  
 thence South 69 Degrees 17 Minutes 01 Seconds East 4.6 feet  
 thence South 76 Degrees 58 Minutes 21 Seconds East 79.6 feet  
 thence South 72 Degrees 11 Minutes 49 Seconds East 134 feet  
 thence South 61 Degrees 43 Minutes 42 Seconds East 170.1 feet  
 thence South 57 Degrees 36 Minutes 56 Seconds East 190.7 feet  
 thence South 58 Degrees 32 Minutes 31 Seconds East 193.8 feet  
 thence South 68 Degrees 27 Minutes 54 Seconds East 191.3 feet  
 thence South 89 Degrees 31 Minutes 36 Seconds East 189.4 feet  
 thence North 72 Degrees 32 Minutes 59 Seconds East 159.4 feet  
 thence North 64 Degrees 54 Minutes 12 Seconds East 70.5 feet  
 thence North 74 Degrees 25 Minutes 24 Seconds East 3.7 feet  
 thence North 62 Degrees 19 Minutes 15 Seconds East 74.3 feet  
 thence North 63 Degrees 03 Minutes 00 Seconds East 132.5 feet  
 thence North 66 Degrees 30 Minutes 32 Seconds East 171 feet  
 thence North 70 Degrees 09 Minutes 37 Seconds East 186.6 feet  
 thence North 72 Degrees 33 Minutes 07 Seconds East 172.7 feet  
 thence North 82 Degrees 19 Minutes 34 Seconds East 102.6 feet  
 thence North 89 Degrees 40 Minutes 43 Seconds East 2.6 feet  
 thence North 89 Degrees 40 Minutes 43 Seconds East 3.3 feet  
 thence North 85 Degrees 16 Minutes 47 Seconds East 64.2 feet  
 thence South 85 Degrees 11 Minutes 49 Seconds East 121.3 feet  
 thence South 73 Degrees 45 Minutes 51 Seconds East 152 feet  
 thence South 64 Degrees 31 Minutes 56 Seconds East 119.2 feet  
 thence South 62 Degrees 54 Minutes 49 Seconds East 20 feet  
 thence South 56 Degrees 37 Minutes 52 Seconds East 2.4 feet  
 thence South 64 Degrees 12 Minutes 26 Seconds East 74.6 feet  
 thence South 62 Degrees 42 Minutes 36 Seconds East 136.7 feet  
 thence South 62 Degrees 18 Minutes 08 Seconds East 144.6 feet  
 thence South 62 Degrees 23 Minutes 03 Seconds East 24.5 feet  
 thence South 63 Degrees 22 Minutes 54 Seconds East 22.5 feet  
 thence South 64 Degrees 18 Minutes 00 Seconds East 92.8 feet  
 thence South 63 Degrees 52 Minutes 32 Seconds East 140.8 feet  
 thence South 68 Degrees 59 Minutes 44 Seconds East 168.8 feet  
 thence South 80 Degrees 27 Minutes 03 Seconds East 181.9 feet  
 thence North 87 Degrees 52 Minutes 00 Seconds East 186.8 feet  
 thence North 83 Degrees 26 Minutes 48 Seconds East 172.3 feet  
 thence North 83 Degrees 05 Minutes 48 Seconds East 85.9 feet  
 thence North 82 Degrees 53 Minutes 22 Seconds East 13.9 feet

thence North 80 Degrees 44 Minutes 52 Seconds East 69.8 feet  
thence North 82 Degrees 37 Minutes 34 Seconds East 32.1 feet  
thence North 80 Degrees 22 Minutes 45 Seconds East 56.9 feet  
thence North 81 Degrees 22 Minutes 42 Seconds East 125 feet  
thence North 82 Degrees 05 Minutes 30 Seconds East 161.6 feet  
thence North 81 Degrees 45 Minutes 21 Seconds East 166.7 feet  
thence North 82 Degrees 00 Minutes 56 Seconds East 91.1 feet  
thence North 78 Degrees 22 Minutes 07 Seconds East 8.4 feet  
thence North 80 Degrees 57 Minutes 01 Seconds East 80 feet  
thence North 81 Degrees 12 Minutes 26 Seconds East 124.8 feet  
thence North 81 Degrees 15 Minutes 05 Seconds East 9 feet more or less to **the ending point**

**at:** 39 degrees 12 minutes 32.52 seconds North Latitude and -110 degrees 52 minutes 10.73 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,819,029.6 feet and Y = 6,881,259.6 feet.

## Appendix D to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 009**

**Road-Segment Length: 9.19 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 19 South Range 10 East, Section(s) 6,7,8,9,10,12,13,14,15, Salt Lake Base & Meridian

Township 19 South Range 11 East, Section(s) 7,8, Salt Lake Base & Meridian

Township 19 South Range 9 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- Segment 009 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 12 minutes 023.5 seconds North Latitude and -110 degrees 51 minutes 47.03 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,820,901.8 feet and Y = 6,880,360.0 feet; thence the following courses along the said road center line:

thence South 20 Degrees 53 Minutes 45 Seconds East	119.5 feet
thence South 17 Degrees 04 Minutes 25 Seconds East	169.7 feet
thence South 14 Degrees 36 Minutes 39 Seconds East	198.1 feet
thence South 13 Degrees 40 Minutes 54 Seconds East	188.9 feet
thence South 16 Degrees 36 Minutes 55 Seconds East	88.9 feet
thence South 17 Degrees 56 Minutes 37 Seconds East	29.3 feet
thence South 19 Degrees 59 Minutes 10 Seconds East	116.1 feet
thence South 25 Degrees 48 Minutes 13 Seconds East	170.9 feet
thence South 31 Degrees 15 Minutes 54 Seconds East	161.5 feet

thence South 35 Degrees 27 Minutes 20 Seconds East 32.5 feet  
 thence South 36 Degrees 51 Minutes 36 Seconds East 56.8 feet  
 thence South 41 Degrees 28 Minutes 41 Seconds East 121.2 feet  
 thence South 41 Degrees 59 Minutes 42 Seconds East 156 feet  
 thence South 41 Degrees 45 Minutes 03 Seconds East 145.3 feet  
 thence South 41 Degrees 39 Minutes 26 Seconds East 47.2 feet  
 thence South 40 Degrees 48 Minutes 26 Seconds East 53.1 feet  
 thence South 41 Degrees 44 Minutes 18 Seconds East 122.5 feet  
 thence South 42 Degrees 17 Minutes 59 Seconds East 158.5 feet  
 thence South 42 Degrees 51 Minutes 31 Seconds East 129.6 feet  
 thence South 42 Degrees 11 Minutes 57 Seconds East 12.8 feet  
 thence South 44 Degrees 26 Minutes 24 Seconds East 15.1 feet  
 thence South 44 Degrees 03 Minutes 54 Seconds East 105.9 feet  
 thence South 46 Degrees 25 Minutes 23 Seconds East 169 feet  
 thence South 49 Degrees 04 Minutes 19 Seconds East 195.1 feet  
 thence South 47 Degrees 48 Minutes 39 Seconds East 128.2 feet  
 thence South 71 Degrees 30 Minutes 09 Seconds East 139.4 feet  
 thence South 71 Degrees 19 Minutes 45 Seconds East 128.1 feet  
 thence South 43 Degrees 27 Minutes 21 Seconds East 142.6 feet  
 thence South 43 Degrees 33 Minutes 15 Seconds East 127.9 feet  
 thence South 38 Degrees 11 Minutes 03 Seconds East 269 feet  
 thence South 37 Degrees 21 Minutes 50 Seconds East 130.8 feet  
 thence South 33 Degrees 15 Minutes 13 Seconds East 68.8 feet  
 thence South 44 Degrees 56 Minutes 00 Seconds East 102.8 feet  
 thence South 47 Degrees 25 Minutes 42 Seconds East 138.9 feet  
 thence South 55 Degrees 37 Minutes 59 Seconds East 172.4 feet  
 thence South 66 Degrees 35 Minutes 24 Seconds East 190 feet  
 thence South 78 Degrees 21 Minutes 45 Seconds East 193.2 feet  
 thence South 82 Degrees 23 Minutes 51 Seconds East 154.7 feet  
 thence South 82 Degrees 06 Minutes 08 Seconds East 29.8 feet  
 thence South 86 Degrees 01 Minutes 56 Seconds East 13.2 feet  
 thence South 82 Degrees 32 Minutes 11 Seconds East 84.8 feet  
 thence South 82 Degrees 58 Minutes 42 Seconds East 128.4 feet  
 thence South 82 Degrees 23 Minutes 19 Seconds East 80.9 feet  
 thence South 84 Degrees 24 Minutes 55 Seconds East 9.6 feet  
 thence South 83 Degrees 27 Minutes 05 Seconds East 27.4 feet  
 thence South 82 Degrees 55 Minutes 19 Seconds East 101.9 feet  
 thence South 82 Degrees 38 Minutes 38 Seconds East 135.1 feet  
 thence South 82 Degrees 11 Minutes 29 Seconds East 104.4 feet  
 thence North 89 Degrees 40 Minutes 42 Seconds East 4.3 feet  
 thence South 85 Degrees 38 Minutes 08 Seconds East 20.1 feet  
 thence South 84 Degrees 13 Minutes 17 Seconds East 86.5 feet  
 thence South 83 Degrees 29 Minutes 53 Seconds East 116 feet  
 thence South 83 Degrees 14 Minutes 25 Seconds East 53.2 feet  
 thence South 83 Degrees 00 Minutes 56 Seconds East 12.9 feet  
 thence South 85 Degrees 04 Minutes 12 Seconds East 89.6 feet  
 thence South 87 Degrees 07 Minutes 06 Seconds East 135.1 feet  
 thence South 89 Degrees 35 Minutes 53 Seconds East 130 feet  
 thence North 89 Degrees 40 Minutes 42 Seconds East 39.1 feet

thence North 83 Degrees 55 Minutes 25 Seconds East 42.6 feet  
 thence North 84 Degrees 38 Minutes 25 Seconds East 119.6 feet  
 thence South 88 Degrees 08 Minutes 59 Seconds East 164.5 feet  
 thence South 84 Degrees 08 Minutes 44 Seconds East 176.9 feet  
 thence South 82 Degrees 57 Minutes 49 Seconds East 110.2 feet  
 thence South 83 Degrees 04 Minutes 27 Seconds East 57.2 feet  
 thence South 82 Degrees 40 Minutes 46 Seconds East 130.8 feet  
 thence South 80 Degrees 17 Minutes 18 Seconds East 173.3 feet  
 thence South 77 Degrees 54 Minutes 57 Seconds East 198.6 feet  
 thence South 70 Degrees 24 Minutes 37 Seconds East 201.4 feet  
 thence South 53 Degrees 57 Minutes 44 Seconds East 191.5 feet  
 thence South 44 Degrees 10 Minutes 09 Seconds East 161.6 feet  
 thence South 44 Degrees 19 Minutes 41 Seconds East 40.2 feet  
 thence South 43 Degrees 48 Minutes 22 Seconds East 43.9 feet  
 thence South 44 Degrees 25 Minutes 28 Seconds East 103.7 feet  
 thence South 43 Degrees 33 Minutes 33 Seconds East 150.9 feet  
 thence South 44 Degrees 02 Minutes 55 Seconds East 114.9 feet  
 thence South 55 Degrees 19 Minutes 46 Seconds East 4 feet  
 thence South 44 Degrees 57 Minutes 07 Seconds East 36 feet  
 thence South 43 Degrees 24 Minutes 04 Seconds East 117.7 feet  
 thence South 44 Degrees 05 Minutes 45 Seconds East 162.7 feet  
 thence South 43 Degrees 35 Minutes 40 Seconds East 184.8 feet  
 thence South 43 Degrees 54 Minutes 26 Seconds East 188 feet  
 thence South 43 Degrees 27 Minutes 50 Seconds East 171.8 feet  
 thence South 43 Degrees 56 Minutes 22 Seconds East 86.6 feet  
 thence South 44 Degrees 58 Minutes 57 Seconds East 39.2 feet  
 thence South 44 Degrees 36 Minutes 51 Seconds East 112.8 feet  
 thence South 43 Degrees 57 Minutes 57 Seconds East 156.9 feet  
 thence South 43 Degrees 31 Minutes 13 Seconds East 184.6 feet  
 thence South 43 Degrees 54 Minutes 38 Seconds East 141.4 feet  
 thence South 43 Degrees 51 Minutes 10 Seconds East 27.2 feet  
 thence South 43 Degrees 15 Minutes 06 Seconds East 96.4 feet  
 thence South 43 Degrees 22 Minutes 25 Seconds East 34.1 feet  
 thence South 43 Degrees 08 Minutes 09 Seconds East 30.4 feet  
 thence South 45 Degrees 39 Minutes 45 Seconds East 78 feet  
 thence South 42 Degrees 38 Minutes 16 Seconds East 119 feet  
 thence South 43 Degrees 14 Minutes 54 Seconds East 102.6 feet  
 thence South 43 Degrees 51 Minutes 10 Seconds East 9.1 feet  
 thence South 44 Degrees 21 Minutes 02 Seconds East 13.7 feet  
 thence South 44 Degrees 28 Minutes 30 Seconds East 47.1 feet  
 thence South 44 Degrees 07 Minutes 11 Seconds East 132.8 feet  
 thence South 43 Degrees 57 Minutes 01 Seconds East 174.6 feet  
 thence South 44 Degrees 09 Minutes 30 Seconds East 182.9 feet  
 thence South 44 Degrees 08 Minutes 42 Seconds East 146.9 feet  
 thence South 48 Degrees 30 Minutes 05 Seconds East 8.4 feet  
 thence South 45 Degrees 19 Minutes 18 Seconds East 10.7 feet  
 thence South 43 Degrees 06 Minutes 45 Seconds East 78.3 feet  
 thence South 44 Degrees 11 Minutes 54 Seconds East 71 feet  
 thence South 34 Degrees 00 Minutes 42 Seconds East 2.4 feet



thence South 40 Degrees 41 Minutes 10 Seconds East 8.6 feet  
 thence South 44 Degrees 30 Minutes 20 Seconds East 81.5 feet  
 thence South 43 Degrees 50 Minutes 19 Seconds East 143.5 feet  
 thence South 46 Degrees 25 Minutes 50 Seconds East 179.9 feet  
 thence South 55 Degrees 32 Minutes 38 Seconds East 57.5 feet  
 thence South 55 Degrees 40 Minutes 18 Seconds East 157.6 feet  
 thence South 59 Degrees 47 Minutes 37 Seconds East 229.4 feet  
 thence South 60 Degrees 15 Minutes 36 Seconds East 250.3 feet  
 thence South 60 Degrees 40 Minutes 56 Seconds East 265.5 feet  
 thence South 60 Degrees 02 Minutes 44 Seconds East 276.7 feet  
 thence South 60 Degrees 04 Minutes 12 Seconds East 285.3 feet  
 thence South 60 Degrees 03 Minutes 22 Seconds East 295.6 feet  
 thence South 59 Degrees 44 Minutes 06 Seconds East 299.3 feet  
 thence South 59 Degrees 57 Minutes 21 Seconds East 296.7 feet  
 thence South 59 Degrees 47 Minutes 31 Seconds East 297.2 feet  
 thence South 60 Degrees 28 Minutes 56 Seconds East 295.5 feet  
 thence South 63 Degrees 48 Minutes 53 Seconds East 289.7 feet  
 thence South 66 Degrees 35 Minutes 21 Seconds East 282.2 feet  
 thence South 66 Degrees 31 Minutes 59 Seconds East 263.6 feet  
 thence South 66 Degrees 30 Minutes 57 Seconds East 256.1 feet  
 thence South 67 Degrees 20 Minutes 41 Seconds East 267.4 feet  
 thence South 71 Degrees 00 Minutes 57 Seconds East 279.9 feet  
 thence South 75 Degrees 45 Minutes 41 Seconds East 287.2 feet  
 thence South 76 Degrees 31 Minutes 24 Seconds East 287.6 feet  
 thence South 76 Degrees 20 Minutes 08 Seconds East 273 feet  
 thence South 76 Degrees 45 Minutes 24 Seconds East 232.3 feet  
 thence South 76 Degrees 37 Minutes 33 Seconds East 120.6 feet  
 thence South 73 Degrees 13 Minutes 09 Seconds East 13.4 feet  
 thence South 78 Degrees 17 Minutes 05 Seconds East 45.6 feet  
 thence South 75 Degrees 59 Minutes 57 Seconds East 15.9 feet  
 thence South 75 Degrees 22 Minutes 46 Seconds East 110.7 feet  
 thence South 77 Degrees 01 Minutes 10 Seconds East 174 feet  
 thence South 76 Degrees 50 Minutes 14 Seconds East 198.5 feet  
 thence South 76 Degrees 17 Minutes 08 Seconds East 212.5 feet  
 thence South 76 Degrees 33 Minutes 04 Seconds East 223.4 feet  
 thence South 76 Degrees 44 Minutes 04 Seconds East 223.5 feet  
 thence South 76 Degrees 27 Minutes 08 Seconds East 219.1 feet  
 thence South 75 Degrees 53 Minutes 48 Seconds East 234.5 feet  
 thence South 75 Degrees 54 Minutes 57 Seconds East 246.7 feet  
 thence South 76 Degrees 27 Minutes 56 Seconds East 253.5 feet  
 thence South 75 Degrees 53 Minutes 04 Seconds East 250.1 feet  
 thence South 75 Degrees 29 Minutes 43 Seconds East 230.9 feet  
 thence South 75 Degrees 35 Minutes 47 Seconds East 158.8 feet  
 thence South 78 Degrees 09 Minutes 02 Seconds East 34.2 feet  
 thence South 69 Degrees 45 Minutes 57 Seconds East 2.8 feet  
 thence South 76 Degrees 55 Minutes 46 Seconds East 35.4 feet  
 thence South 76 Degrees 50 Minutes 49 Seconds East 105.6 feet  
 thence South 76 Degrees 29 Minutes 29 Seconds East 155.1 feet  
 thence South 75 Degrees 41 Minutes 01 Seconds East 181.8 feet

thence South 76 Degrees 22 Minutes 48 Seconds East 193.4 feet  
 thence South 75 Degrees 15 Minutes 38 Seconds East 195.8 feet  
 thence South 75 Degrees 20 Minutes 25 Seconds East 193 feet  
 thence South 76 Degrees 01 Minutes 40 Seconds East 176.8 feet  
 thence South 75 Degrees 51 Minutes 42 Seconds East 118.3 feet  
 thence South 70 Degrees 05 Minutes 49 Seconds East 6.6 feet  
 thence South 76 Degrees 17 Minutes 08 Seconds East 33.8 feet  
 thence South 76 Degrees 15 Minutes 10 Seconds East 139.1 feet  
 thence South 75 Degrees 37 Minutes 23 Seconds East 192.7 feet  
 thence South 75 Degrees 30 Minutes 36 Seconds East 182.3 feet  
 thence South 75 Degrees 42 Minutes 34 Seconds East 95 feet  
 thence South 77 Degrees 40 Minutes 10 Seconds East 33 feet  
 thence South 74 Degrees 34 Minutes 15 Seconds East 133 feet  
 thence South 70 Degrees 41 Minutes 16 Seconds East 193.4 feet  
 thence South 64 Degrees 44 Minutes 12 Seconds East 231.8 feet  
 thence South 63 Degrees 50 Minutes 15 Seconds East 104.5 feet  
 thence South 63 Degrees 41 Minutes 20 Seconds East 123.7 feet  
 thence South 63 Degrees 12 Minutes 02 Seconds East 15.1 feet  
 thence South 63 Degrees 19 Minutes 53 Seconds East 237.2 feet  
 thence South 63 Degrees 45 Minutes 25 Seconds East 221.6 feet  
 thence South 62 Degrees 47 Minutes 36 Seconds East 209.5 feet  
 thence South 63 Degrees 45 Minutes 25 Seconds East 175.4 feet  
 thence South 62 Degrees 08 Minutes 17 Seconds East 109.1 feet  
 thence South 58 Degrees 32 Minutes 42 Seconds East 43.6 feet  
 thence South 56 Degrees 37 Minutes 55 Seconds East 2.4 feet  
 thence South 65 Degrees 39 Minutes 58 Seconds East 66.1 feet  
 thence South 63 Degrees 45 Minutes 25 Seconds East 28.6 feet  
 thence South 63 Degrees 33 Minutes 16 Seconds East 41.5 feet  
 thence South 65 Degrees 22 Minutes 41 Seconds East 46.7 feet  
 thence South 65 Degrees 45 Minutes 39 Seconds East 79.7 feet  
 thence South 64 Degrees 32 Minutes 42 Seconds East 149.4 feet  
 thence South 64 Degrees 25 Minutes 52 Seconds East 124.8 feet  
 thence South 64 Degrees 34 Minutes 53 Seconds East 40.8 feet  
 thence South 63 Degrees 45 Minutes 25 Seconds East 179.1 feet  
 thence South 63 Degrees 16 Minutes 09 Seconds East 155.1 feet  
 thence South 62 Degrees 59 Minutes 53 Seconds East 44.3 feet  
 thence South 63 Degrees 57 Minutes 00 Seconds East 218 feet  
 thence South 63 Degrees 07 Minutes 02 Seconds East 170.9 feet  
 thence South 63 Degrees 11 Minutes 38 Seconds East 59.7 feet  
 thence South 63 Degrees 51 Minutes 31 Seconds East 165.7 feet  
 thence South 63 Degrees 45 Minutes 25 Seconds East 73.4 feet  
 thence South 63 Degrees 13 Minutes 27 Seconds East 157.8 feet  
 thence South 62 Degrees 58 Minutes 44 Seconds East 86.5 feet  
 thence South 63 Degrees 35 Minutes 19 Seconds East 249.5 feet  
 thence South 63 Degrees 35 Minutes 27 Seconds East 253.2 feet  
 thence South 63 Degrees 45 Minutes 25 Seconds East 257.6 feet  
 thence South 63 Degrees 32 Minutes 19 Seconds East 269.5 feet  
 thence South 63 Degrees 22 Minutes 57 Seconds East 269.5 feet  
 thence South 63 Degrees 18 Minutes 16 Seconds East 260.1 feet

thence South 63 Degrees 15 Minutes 29 Seconds East 235.9 feet  
 thence South 63 Degrees 01 Minutes 32 Seconds East 172.5 feet  
 thence South 63 Degrees 32 Minutes 06 Seconds East 37.9 feet  
 thence South 65 Degrees 32 Minutes 49 Seconds East 14.1 feet  
 thence South 67 Degrees 21 Minutes 51 Seconds East 102.7 feet  
 thence South 73 Degrees 19 Minutes 00 Seconds East 170.6 feet  
 thence South 81 Degrees 57 Minutes 23 Seconds East 203 feet  
 thence South 83 Degrees 01 Minutes 38 Seconds East 219.7 feet  
 thence South 83 Degrees 34 Minutes 43 Seconds East 97.8 feet  
 thence South 83 Degrees 43 Minutes 24 Seconds East 128.5 feet  
 thence South 82 Degrees 53 Minutes 27 Seconds East 236 feet  
 thence South 83 Degrees 24 Minutes 14 Seconds East 237 feet  
 thence South 83 Degrees 03 Minutes 43 Seconds East 241.5 feet  
 thence South 83 Degrees 02 Minutes 56 Seconds East 235.9 feet  
 thence South 82 Degrees 34 Minutes 45 Seconds East 192.4 feet  
 thence South 83 Degrees 44 Minutes 25 Seconds East 42.9 feet  
 thence North 89 Degrees 40 Minutes 39 Seconds East 3.6 feet  
 thence South 84 Degrees 26 Minutes 54 Seconds East 80.2 feet  
 thence South 83 Degrees 36 Minutes 45 Seconds East 151.7 feet  
 thence South 83 Degrees 11 Minutes 06 Seconds East 192.8 feet  
 thence South 83 Degrees 57 Minutes 07 Seconds East 207.1 feet  
 thence South 89 Degrees 53 Minutes 29 Seconds East 218.3 feet  
 thence North 79 Degrees 34 Minutes 15 Seconds East 110.3 feet  
 thence North 80 Degrees 01 Minutes 03 Seconds East 109.5 feet  
 thence North 78 Degrees 12 Minutes 47 Seconds East 214.7 feet  
 thence North 78 Degrees 05 Minutes 51 Seconds East 232.2 feet  
 thence North 78 Degrees 11 Minutes 21 Seconds East 227.4 feet  
 thence North 77 Degrees 22 Minutes 15 Seconds East 229.4 feet  
 thence North 76 Degrees 35 Minutes 21 Seconds East 240.6 feet  
 thence North 76 Degrees 16 Minutes 12 Seconds East 232.1 feet  
 thence North 75 Degrees 47 Minutes 26 Seconds East 183.2 feet  
 thence North 76 Degrees 51 Minutes 06 Seconds East 116.8 feet  
 thence North 74 Degrees 56 Minutes 02 Seconds East 19.3 feet  
 thence North 73 Degrees 17 Minutes 16 Seconds East 34.9 feet  
 thence North 75 Degrees 53 Minutes 45 Seconds East 107.5 feet  
 thence North 75 Degrees 52 Minutes 26 Seconds East 156.8 feet  
 thence North 82 Degrees 04 Minutes 58 Seconds East 14.9 feet  
 thence North 81 Degrees 53 Minutes 47 Seconds East 53.3 feet  
 thence North 81 Degrees 49 Minutes 07 Seconds East 117.6 feet  
 thence South 83 Degrees 55 Minutes 05 Seconds East 32.4 feet  
 thence South 84 Degrees 35 Minutes 34 Seconds East 98.6 feet  
 thence South 84 Degrees 38 Minutes 19 Seconds East 69.6 feet  
 thence South 68 Degrees 16 Minutes 53 Seconds East 87.5 feet  
 thence South 67 Degrees 59 Minutes 37 Seconds East 79.5 feet  
 thence South 67 Degrees 59 Minutes 13 Seconds East 45.8 feet  
 thence South 49 Degrees 03 Minutes 33 Seconds East 206.5 feet  
 thence South 41 Degrees 06 Minutes 29 Seconds East 88.4 feet  
 thence South 41 Degrees 41 Minutes 38 Seconds East 47.7 feet  
 thence South 42 Degrees 26 Minutes 01 Seconds East 101.3 feet

thence South 41 Degrees 59 Minutes 42 Seconds East 80 feet  
 thence South 37 Degrees 11 Minutes 32 Seconds East 3.3 feet  
 thence South 30 Degrees 04 Minutes 02 Seconds East 2.6 feet  
 thence South 42 Degrees 49 Minutes 58 Seconds East 21.4 feet  
 thence South 42 Degrees 48 Minutes 20 Seconds East 42.3 feet  
 thence South 41 Degrees 36 Minutes 16 Seconds East 128.8 feet  
 thence South 40 Degrees 26 Minutes 54 Seconds East 30 feet  
 thence South 41 Degrees 13 Minutes 48 Seconds East 139.8 feet  
 thence South 42 Degrees 05 Minutes 52 Seconds East 66 feet  
 thence South 42 Degrees 01 Minutes 22 Seconds East 116.9 feet  
 thence South 50 Degrees 52 Minutes 56 Seconds East 52.7 feet  
 thence South 51 Degrees 29 Minutes 33 Seconds East 86.4 feet  
 thence South 51 Degrees 51 Minutes 16 Seconds East 30.6 feet  
 thence South 73 Degrees 17 Minutes 12 Seconds East 144.5 feet  
 thence South 84 Degrees 09 Minutes 08 Seconds East 24.4 feet  
 thence North 89 Degrees 40 Minutes 39 Seconds East 3 feet  
 thence North 82 Degrees 36 Minutes 04 Seconds East 48 feet  
 thence North 85 Degrees 59 Minutes 10 Seconds East 10.2 feet  
 thence North 67 Degrees 32 Minutes 58 Seconds East 117.6 feet  
 thence North 59 Degrees 06 Minutes 29 Seconds East 147.1 feet  
 thence North 55 Degrees 19 Minutes 53 Seconds East 167 feet  
 thence North 53 Degrees 09 Minutes 51 Seconds East 179.3 feet  
 thence North 46 Degrees 30 Minutes 37 Seconds East 174.1 feet  
 thence North 39 Degrees 39 Minutes 08 Seconds East 156.3 feet  
 thence North 40 Degrees 53 Minutes 34 Seconds East 59.8 feet  
 thence North 39 Degrees 38 Minutes 54 Seconds East 29.1 feet  
 thence North 36 Degrees 17 Minutes 04 Seconds East 28.6 feet  
 thence North 38 Degrees 29 Minutes 08 Seconds East 99 feet  
 thence North 38 Degrees 52 Minutes 14 Seconds East 137.6 feet  
 thence North 38 Degrees 08 Minutes 05 Seconds East 116.1 feet  
 thence North 37 Degrees 37 Minutes 54 Seconds East 20.8 feet  
 thence North 40 Degrees 35 Minutes 30 Seconds East 65.1 feet  
 thence North 40 Degrees 02 Minutes 31 Seconds East 34.5 feet  
 thence North 35 Degrees 25 Minutes 52 Seconds East 10.1 feet  
 thence North 31 Degrees 30 Minutes 17 Seconds East 22.4 feet  
 thence North 31 Degrees 48 Minutes 08 Seconds East 83.3 feet  
 thence North 32 Degrees 56 Minutes 39 Seconds East 123.3 feet  
 thence North 33 Degrees 22 Minutes 03 Seconds East 155 feet  
 thence North 34 Degrees 09 Minutes 12 Seconds East 179.2 feet  
 thence North 34 Degrees 04 Minutes 48 Seconds East 183 feet  
 thence North 32 Degrees 19 Minutes 13 Seconds East 134.5 feet  
 thence North 36 Degrees 32 Minutes 50 Seconds East 44.3 feet  
 thence North 27 Degrees 18 Minutes 12 Seconds East 39.6 feet  
 thence North 35 Degrees 25 Minutes 52 Seconds East 91 feet  
 thence North 44 Degrees 12 Minutes 02 Seconds East 139.5 feet  
 thence North 47 Degrees 22 Minutes 02 Seconds East 173.1 feet  
 thence North 48 Degrees 04 Minutes 37 Seconds East 187.8 feet  
 thence North 49 Degrees 32 Minutes 36 Seconds East 183.3 feet  
 thence North 57 Degrees 36 Minutes 07 Seconds East 171.2 feet

thence North 73 Degrees 20 Minutes 57 Seconds East 155.3 feet  
 thence North 72 Degrees 11 Minutes 42 Seconds East 43.7 feet  
 thence North 71 Degrees 14 Minutes 33 Seconds East 12.5 feet  
 thence North 72 Degrees 52 Minutes 20 Seconds East 102.2 feet  
 thence North 72 Degrees 25 Minutes 41 Seconds East 160.5 feet  
 thence North 72 Degrees 57 Minutes 33 Seconds East 190.5 feet  
 thence North 73 Degrees 00 Minutes 12 Seconds East 212.8 feet  
 thence North 73 Degrees 11 Minutes 49 Seconds East 222.1 feet  
 thence North 71 Degrees 34 Minutes 19 Seconds East 216.5 feet  
 thence North 67 Degrees 46 Minutes 36 Seconds East 211.2 feet  
 thence North 65 Degrees 34 Minutes 56 Seconds East 187.3 feet  
 thence North 66 Degrees 08 Minutes 05 Seconds East 136.4 feet  
 thence North 65 Degrees 16 Minutes 24 Seconds East 38.9 feet  
 thence North 65 Degrees 07 Minutes 09 Seconds East 54.5 feet  
 thence North 67 Degrees 52 Minutes 33 Seconds East 60.1 feet  
 thence North 63 Degrees 55 Minutes 50 Seconds East 51.4 feet  
 thence North 64 Degrees 32 Minutes 58 Seconds East 122.9 feet  
 thence North 65 Degrees 42 Minutes 53 Seconds East 9.7 feet  
 thence North 65 Degrees 45 Minutes 58 Seconds East 149 feet  
 thence North 70 Degrees 20 Minutes 33 Seconds East 19.8 feet  
 thence North 70 Degrees 09 Minutes 01 Seconds East 119.8 feet  
 thence North 79 Degrees 58 Minutes 14 Seconds East 25.3 feet  
 thence North 77 Degrees 49 Minutes 27 Seconds East 27.2 feet  
 thence North 84 Degrees 16 Minutes 16 Seconds East 104.5 feet  
 thence North 83 Degrees 02 Minutes 41 Seconds East 156.3 feet  
 thence North 82 Degrees 57 Minutes 36 Seconds East 148.7 feet  
 thence North 82 Degrees 43 Minutes 27 Seconds East 27.1 feet  
 thence North 81 Degrees 08 Minutes 47 Seconds East 6.6 feet  
 thence North 82 Degrees 31 Minutes 28 Seconds East 84.3 feet  
 thence North 83 Degrees 22 Minutes 43 Seconds East 149.6 feet  
 thence North 84 Degrees 12 Minutes 00 Seconds East 168.5 feet  
 thence North 85 Degrees 15 Minutes 35 Seconds East 153.4 feet  
 thence North 84 Degrees 43 Minutes 37 Seconds East 167.4 feet  
 thence North 81 Degrees 15 Minutes 14 Seconds East 190.4 feet  
 thence North 83 Degrees 50 Minutes 50 Seconds East 203.6 feet  
 thence North 85 Degrees 41 Minutes 55 Seconds East 212.9 feet  
 thence North 85 Degrees 32 Minutes 45 Seconds East 205 feet  
 thence North 80 Degrees 26 Minutes 30 Seconds East 163.6 feet  
 thence North 76 Degrees 20 Minutes 09 Seconds East 170.7 feet  
 thence North 77 Degrees 45 Minutes 10 Seconds East 162 feet  
 thence South 87 Degrees 55 Minutes 54 Seconds East 157.3 feet  
 thence South 51 Degrees 50 Minutes 40 Seconds East 177.8 feet  
 thence South 52 Degrees 57 Minutes 26 Seconds East 197.4 feet  
 thence South 71 Degrees 04 Minutes 50 Seconds East 184.2 feet  
 thence South 85 Degrees 49 Minutes 16 Seconds East 196.5 feet  
 thence South 86 Degrees 05 Minutes 59 Seconds East 205 feet  
 thence South 87 Degrees 16 Minutes 37 Seconds East 210 feet  
 thence South 87 Degrees 53 Minutes 36 Seconds East 216.8 feet  
 thence North 76 Degrees 21 Minutes 34 Seconds East 209.4 feet

thence North 62 Degrees 53 Minutes 05 Seconds East 222.1 feet  
thence North 62 Degrees 13 Minutes 01 Seconds East 234.9 feet  
thence North 61 Degrees 53 Minutes 22 Seconds East 240.8 feet  
thence North 62 Degrees 12 Minutes 29 Seconds East 241.9 feet  
thence North 61 Degrees 50 Minutes 56 Seconds East 113.2 feet  
thence North 61 Degrees 57 Minutes 54 Seconds East 132 feet  
thence North 62 Degrees 13 Minutes 50 Seconds East 238.5 feet  
thence North 62 Degrees 04 Minutes 30 Seconds East 235.2 feet  
thence North 63 Degrees 08 Minutes 59 Seconds East 222.7 feet  
thence North 46 Degrees 27 Minutes 39 Seconds East 201.3 feet  
thence North 26 Degrees 28 Minutes 23 Seconds East 218.4 feet  
thence North 24 Degrees 39 Minutes 33 Seconds East 228.5 feet  
thence North 35 Degrees 20 Minutes 25 Seconds East 208.8 feet  
thence North 87 Degrees 05 Minutes 11 Seconds East 72.6 feet more or less to **the ending**

**point at:** 39 degrees 10 minutes 53.63 seconds North Latitude and -110 degrees 42 minutes 058.1 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,862,614.2 feet and Y = 6,871,598.7 feet.

## Appendix E to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 011**

**Road-Segment Length: 0.07 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 19 South Range 11 East, Section(s) 8,17, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- Segment 011 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 10 minutes 40.51 seconds North Latitude and -110 degrees 42 minutes 57.95 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,862,637.1 feet and Y = 6,870,270.9 feet; thence the following courses along the said road center line:

thence South 40 Degrees 16 Minutes 42 Seconds West 6.1 feet

thence South 40 Degrees 50 Minutes 23 Seconds West 76.3 feet

thence South 26 Degrees 32 Minutes 49 Seconds West 27.6 feet

thence South 23 Degrees 03 Minutes 44 Seconds West 79.4 feet

thence South 03 Degrees 22 Minutes 27 Seconds West 106.9 feet

thence South 16 Degrees 55 Minutes 47 Seconds East 78.1 feet

thence South 17 Degrees 25 Minutes 31 Seconds East 8.9 feet more or less to **the ending point**

**at:** 39 degrees 10 minutes 37.06 seconds North Latitude and -110 degrees 42 minutes 58.98 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,862,559.0 feet and Y = 6,869,921.0 feet.

## Appendix F to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 013**

**Road-Segment Length: 0.3 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 19 South Range 11 East, Section(s) 17, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- Segment 013 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 10 minutes 35.64 seconds North Latitude and -110 degrees 42 minutes 57.84 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,862,650.0 feet and Y = 6,869,779.0 feet; thence the following courses along the said road center line:

thence South 34 Degrees 06 Minutes 52 Seconds East	51.3 feet
thence South 47 Degrees 27 Minutes 11 Seconds East	106.1 feet
thence South 74 Degrees 21 Minutes 14 Seconds East	110.9 feet
thence South 85 Degrees 40 Minutes 56 Seconds East	101.4 feet
thence North 89 Degrees 09 Minutes 17 Seconds East	108 feet
thence South 70 Degrees 45 Minutes 10 Seconds East	120.5 feet
thence South 48 Degrees 52 Minutes 23 Seconds East	127.4 feet
thence South 26 Degrees 53 Minutes 16 Seconds East	117.4 feet
thence South 33 Degrees 35 Minutes 51 Seconds East	113.1 feet
thence South 31 Degrees 52 Minutes 06 Seconds East	99.7 feet
thence South 28 Degrees 55 Minutes 59 Seconds East	12.3 feet



thence South 30 Degrees 16 Minutes 06 Seconds East 34.8 feet  
thence South 15 Degrees 34 Minutes 40 Seconds East 93.6 feet  
thence South 05 Degrees 22 Minutes 23 Seconds West 129 feet  
thence South 12 Degrees 19 Minutes 56 Seconds West 145.3 feet  
thence South 07 Degrees 01 Minutes 57 Seconds East 123.6 feet more or less to **the ending**  
**point at:** 39 degrees 10 minutes 24.88 seconds North Latitude and -110 degrees 42 minutes 47.53 seconds  
West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet  
coordinates of X = 1,863,471.7 feet and Y = 6,868,697.6 feet.

## Appendix G to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 015**

**Road-Segment Length: 0.3 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 19 South Range 12 East, Section(s) 19,20, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- Segment 015 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 09 minutes 019.5 seconds North Latitude and -110 degrees 36 minutes 37.48 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,892,678.1 feet and Y = 6,862,355.8 feet; thence the following courses along the said road center line:

thence North 63 Degrees 56 Minutes 17 Seconds East 111.9 feet

thence North 64 Degrees 23 Minutes 27 Seconds East 249.7 feet

thence North 64 Degrees 15 Minutes 05 Seconds East 250.7 feet

thence North 67 Degrees 05 Minutes 09 Seconds East 243.5 feet

thence North 80 Degrees 02 Minutes 30 Seconds East 215.7 feet

thence South 86 Degrees 55 Minutes 39 Seconds East 221.6 feet

thence South 85 Degrees 20 Minutes 21 Seconds East 219.1 feet

thence North 78 Degrees 01 Minutes 57 Seconds East 55.3 feet

thence North 77 Degrees 38 Minutes 00 Seconds East 25.2 feet more or less to **the ending**

**point at:** 39 degrees 09 minutes 23.16 seconds North Latitude and -110 degrees 36 minutes 018.3 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet

coordinates of X = 1,894,184.6 feet and Y = 6,862,741.1 feet.

## Appendix H to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 017**

**Road-Segment Length: 2.15 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 19 South Range 13 East, Section(s) 7,8,9,16,17,18, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- Segment 017 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 10 minutes 39.36 seconds North Latitude and -110 degrees 30 minutes 043.2 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,920,493.8 feet and Y = 6,870,727.5 feet; thence the following courses along the said road center line:

thence South 71 Degrees 40 Minutes 30 Seconds East	55.4 feet
thence South 71 Degrees 56 Minutes 36 Seconds East	220.6 feet
thence South 71 Degrees 32 Minutes 47 Seconds East	17.3 feet
thence South 71 Degrees 19 Minutes 40 Seconds East	232.9 feet
thence South 70 Degrees 00 Minutes 15 Seconds East	233.4 feet
thence South 75 Degrees 12 Minutes 09 Seconds East	235.3 feet
thence South 81 Degrees 50 Minutes 29 Seconds East	233.6 feet
thence South 80 Degrees 09 Minutes 34 Seconds East	228.7 feet
thence South 71 Degrees 58 Minutes 09 Seconds East	224.1 feet
thence South 69 Degrees 30 Minutes 01 Seconds East	221.6 feet
thence North 86 Degrees 06 Minutes 26 Seconds East	279.5 feet

thence North 79 Degrees 01 Minutes 58 Seconds East 204.4 feet  
 thence North 78 Degrees 53 Minutes 39 Seconds East 272 feet  
 thence North 78 Degrees 28 Minutes 18 Seconds East 277 feet  
 thence North 77 Degrees 50 Minutes 56 Seconds East 264.2 feet  
 thence North 78 Degrees 31 Minutes 36 Seconds East 251.2 feet  
 thence North 79 Degrees 38 Minutes 05 Seconds East 235.3 feet  
 thence North 79 Degrees 03 Minutes 38 Seconds East 222.7 feet  
 thence North 79 Degrees 13 Minutes 30 Seconds East 231.6 feet  
 thence South 88 Degrees 37 Minutes 39 Seconds East 221.6 feet  
 thence South 67 Degrees 20 Minutes 33 Seconds East 239.6 feet  
 thence South 54 Degrees 24 Minutes 02 Seconds East 254.5 feet  
 thence South 61 Degrees 06 Minutes 27 Seconds East 247.4 feet  
 thence South 81 Degrees 53 Minutes 06 Seconds East 163.2 feet  
 thence South 81 Degrees 57 Minutes 31 Seconds East 79 feet  
 thence North 86 Degrees 56 Minutes 43 Seconds East 261.9 feet  
 thence North 85 Degrees 25 Minutes 40 Seconds East 257 feet  
 thence North 85 Degrees 26 Minutes 19 Seconds East 53.3 feet  
 thence North 85 Degrees 09 Minutes 40 Seconds East 12.5 feet  
 thence North 87 Degrees 31 Minutes 49 Seconds East 87.7 feet  
 thence North 87 Degrees 36 Minutes 13 Seconds East 154.4 feet  
 thence North 76 Degrees 57 Minutes 14 Seconds East 180.3 feet  
 thence North 54 Degrees 08 Minutes 56 Seconds East 190.3 feet  
 thence North 36 Degrees 33 Minutes 53 Seconds East 190.8 feet  
 thence North 34 Degrees 35 Minutes 57 Seconds East 181.7 feet  
 thence North 35 Degrees 42 Minutes 09 Seconds East 26.8 feet  
 thence North 35 Degrees 42 Minutes 09 Seconds East 156.2 feet  
 thence North 32 Degrees 57 Minutes 45 Seconds East 194.3 feet  
 thence North 42 Degrees 16 Minutes 29 Seconds East 193.9 feet  
 thence North 60 Degrees 22 Minutes 34 Seconds East 209.2 feet  
 thence North 77 Degrees 21 Minutes 09 Seconds East 207.6 feet  
 thence North 81 Degrees 00 Minutes 59 Seconds East 196.2 feet  
 thence North 81 Degrees 37 Minutes 04 Seconds East 182.6 feet  
 thence North 80 Degrees 03 Minutes 07 Seconds East 96.2 feet  
 thence North 83 Degrees 33 Minutes 34 Seconds East 9.2 feet  
 thence North 63 Degrees 06 Minutes 36 Seconds East 2.2 feet  
 thence North 80 Degrees 12 Minutes 46 Seconds East 14 feet  
 thence North 81 Degrees 51 Minutes 05 Seconds East 43.4 feet  
 thence North 81 Degrees 58 Minutes 44 Seconds East 73.5 feet  
 thence North 81 Degrees 57 Minutes 12 Seconds East 39.1 feet  
 thence North 81 Degrees 52 Minutes 11 Seconds East 147.4 feet  
 thence North 81 Degrees 42 Minutes 50 Seconds East 173 feet  
 thence North 80 Degrees 53 Minutes 40 Seconds East 208.6 feet  
 thence North 84 Degrees 41 Minutes 11 Seconds East 215.1 feet  
 thence South 81 Degrees 59 Minutes 41 Seconds East 212.9 feet  
 thence South 77 Degrees 39 Minutes 18 Seconds East 217 feet  
 thence South 77 Degrees 04 Minutes 12 Seconds East 227.6 feet  
 thence South 77 Degrees 09 Minutes 58 Seconds East 223.5 feet  
 thence South 69 Degrees 07 Minutes 13 Seconds East 169.7 feet  
 thence South 59 Degrees 21 Minutes 40 Seconds East 30.6 feet

thence South 61 Degrees 55 Minutes 54 Seconds East 13.8 feet  
thence South 60 Degrees 52 Minutes 57 Seconds East 84.8 feet  
thence South 60 Degrees 50 Minutes 18 Seconds East 135.4 feet  
thence South 59 Degrees 45 Minutes 20 Seconds East 147.1 feet  
thence South 59 Degrees 21 Minutes 40 Seconds East 139.7 feet  
thence South 57 Degrees 59 Minutes 05 Seconds East 142.9 feet  
thence South 62 Degrees 56 Minutes 15 Seconds East 30.7 feet  
thence South 61 Degrees 10 Minutes 36 Seconds East 58.6 feet  
thence South 61 Degrees 11 Minutes 26 Seconds East 45.8 feet  
thence South 60 Degrees 57 Minutes 34 Seconds East 135.2 feet  
thence South 60 Degrees 34 Minutes 48 Seconds East 7.9 feet  
thence South 65 Degrees 32 Minutes 59 Seconds East 23.5 feet

more or less to **the ending point at:** 39 degrees 10 minutes 038.7 seconds North Latitude and -110 degrees 28 minutes 29.86 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,930,994.3 feet and Y = 6,870,779.1 feet.

## Appendix I to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 019**

**Road-Segment Length: 6.81 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 19 South Range 13 East, Section(s) 1,12,13,14,15, Salt Lake Base & Meridian

Township 19 South Range 14 East, Section(s) 5,6,7, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- Segment 019 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 10 minutes 010.6 seconds North Latitude and -110 degrees 27 minutes 24.66 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,936,160.8 feet and Y = 6,867,996.1 feet; thence the following courses along the said road center line:

thence North 77 Degrees 29 Minutes 28 Seconds East 29.5 feet  
thence North 76 Degrees 13 Minutes 57 Seconds East 122.8 feet  
thence North 79 Degrees 43 Minutes 27 Seconds East 38 feet  
thence North 74 Degrees 34 Minutes 25 Seconds East 21.4 feet  
thence North 75 Degrees 24 Minutes 08 Seconds East 77.2 feet  
thence North 74 Degrees 09 Minutes 34 Seconds East 114.1 feet  
thence North 75 Degrees 17 Minutes 36 Seconds East 118.9 feet  
thence North 73 Degrees 52 Minutes 20 Seconds East 18.1 feet  
thence North 72 Degrees 46 Minutes 34 Seconds East 27.1 feet  
thence North 74 Degrees 24 Minutes 11 Seconds East 99.7 feet

thence North 74 Degrees 20 Minutes 14 Seconds East 140.2 feet  
 thence North 70 Degrees 59 Minutes 37 Seconds East 169.1 feet  
 thence North 66 Degrees 42 Minutes 14 Seconds East 206 feet  
 thence North 65 Degrees 55 Minutes 09 Seconds East 230.6 feet  
 thence North 65 Degrees 55 Minutes 11 Seconds East 248.5 feet  
 thence North 66 Degrees 29 Minutes 09 Seconds East 251.7 feet  
 thence North 66 Degrees 45 Minutes 22 Seconds East 246.9 feet  
 thence North 65 Degrees 19 Minutes 55 Seconds East 246 feet  
 thence North 67 Degrees 25 Minutes 10 Seconds East 253.9 feet  
 thence North 73 Degrees 36 Minutes 08 Seconds East 264.4 feet  
 thence North 88 Degrees 05 Minutes 01 Seconds East 260 feet  
 thence South 80 Degrees 45 Minutes 57 Seconds East 254.9 feet  
 thence South 80 Degrees 06 Minutes 02 Seconds East 251.5 feet  
 thence South 80 Degrees 09 Minutes 44 Seconds East 260.4 feet  
 thence South 79 Degrees 48 Minutes 34 Seconds East 255.4 feet  
 thence South 78 Degrees 33 Minutes 02 Seconds East 246.1 feet  
 thence South 79 Degrees 34 Minutes 53 Seconds East 260.6 feet  
 thence South 80 Degrees 17 Minutes 49 Seconds East 267.6 feet  
 thence South 77 Degrees 50 Minutes 37 Seconds East 258.2 feet  
 thence South 67 Degrees 51 Minutes 27 Seconds East 256.8 feet  
 thence South 67 Degrees 07 Minutes 36 Seconds East 7.5 feet  
 thence South 60 Degrees 11 Minutes 23 Seconds East 268.7 feet  
 thence South 65 Degrees 15 Minutes 05 Seconds East 259.4 feet  
 thence South 78 Degrees 46 Minutes 59 Seconds East 254.2 feet  
 thence South 74 Degrees 35 Minutes 57 Seconds East 259.1 feet  
 thence South 61 Degrees 52 Minutes 36 Seconds East 241.1 feet  
 thence South 62 Degrees 04 Minutes 40 Seconds East 215 feet  
 thence South 85 Degrees 23 Minutes 53 Seconds East 229.3 feet  
 thence North 64 Degrees 16 Minutes 59 Seconds East 236.5 feet  
 thence North 37 Degrees 23 Minutes 45 Seconds East 225.3 feet  
 thence North 21 Degrees 38 Minutes 44 Seconds East 185.1 feet  
 thence North 11 Degrees 27 Minutes 43 Seconds East 200.8 feet  
 thence North 01 Degrees 28 Minutes 35 Seconds East 146.1 feet  
 thence North 30 Degrees 23 Minutes 52 Seconds East 107.3 feet  
 thence North 36 Degrees 12 Minutes 12 Seconds East 121.3 feet  
 thence North 45 Degrees 03 Minutes 14 Seconds East 140.2 feet  
 thence North 57 Degrees 49 Minutes 10 Seconds East 119.4 feet  
 thence North 58 Degrees 14 Minutes 42 Seconds East 20.8 feet  
 thence North 57 Degrees 06 Minutes 02 Seconds East 14 feet  
 thence North 56 Degrees 31 Minutes 26 Seconds East 87 feet  
 thence North 57 Degrees 20 Minutes 34 Seconds East 134.4 feet  
 thence North 55 Degrees 30 Minutes 53 Seconds East 155.5 feet  
 thence North 54 Degrees 30 Minutes 29 Seconds East 159 feet  
 thence North 53 Degrees 41 Minutes 12 Seconds East 174.8 feet  
 thence North 49 Degrees 22 Minutes 12 Seconds East 178.6 feet  
 thence North 33 Degrees 50 Minutes 40 Seconds East 163 feet  
 thence North 04 Degrees 23 Minutes 07 Seconds East 147.9 feet  
 thence North 12 Degrees 11 Minutes 17 Seconds West 186.8 feet  
 thence North 09 Degrees 52 Minutes 46 Seconds West 201.7 feet



thence North 04 Degrees 04 Minutes 52 Seconds East 183.7 feet  
 thence North 41 Degrees 12 Minutes 31 Seconds East 172.7 feet  
 thence North 85 Degrees 13 Minutes 13 Seconds East 181.7 feet  
 thence North 88 Degrees 40 Minutes 26 Seconds East 150.3 feet  
 thence North 67 Degrees 22 Minutes 18 Seconds East 132.3 feet  
 thence South 56 Degrees 19 Minutes 33 Seconds East 118 feet  
 thence South 11 Degrees 12 Minutes 45 Seconds West 113.2 feet  
 thence South 13 Degrees 33 Minutes 57 Seconds East 126.1 feet  
 thence South 40 Degrees 18 Minutes 01 Seconds East 156.3 feet  
 thence South 58 Degrees 24 Minutes 10 Seconds East 168.2 feet  
 thence South 64 Degrees 52 Minutes 01 Seconds East 159.6 feet  
 thence South 78 Degrees 51 Minutes 09 Seconds East 158.4 feet  
 thence North 81 Degrees 51 Minutes 51 Seconds East 74.9 feet  
 thence North 64 Degrees 13 Minutes 12 Seconds East 90.9 feet  
 thence North 62 Degrees 11 Minutes 12 Seconds East 100.3 feet  
 thence North 58 Degrees 42 Minutes 38 Seconds East 17.2 feet  
 thence North 53 Degrees 38 Minutes 49 Seconds East 44.6 feet  
 thence North 64 Degrees 48 Minutes 39 Seconds East 103.8 feet  
 thence South 71 Degrees 44 Minutes 46 Seconds East 123.6 feet  
 thence South 50 Degrees 18 Minutes 50 Seconds East 152.1 feet  
 thence South 49 Degrees 01 Minutes 39 Seconds East 158.1 feet  
 thence South 50 Degrees 32 Minutes 12 Seconds East 143.1 feet  
 thence South 50 Degrees 55 Minutes 29 Seconds East 11.9 feet  
 thence South 75 Degrees 16 Minutes 19 Seconds East 139 feet  
 thence North 87 Degrees 16 Minutes 25 Seconds East 156.7 feet  
 thence South 77 Degrees 40 Minutes 52 Seconds East 176.9 feet  
 thence South 89 Degrees 22 Minutes 33 Seconds East 178.2 feet  
 thence North 72 Degrees 38 Minutes 29 Seconds East 178.1 feet  
 thence North 74 Degrees 08 Minutes 00 Seconds East 178.8 feet  
 thence North 66 Degrees 17 Minutes 58 Seconds East 182 feet  
 thence North 57 Degrees 24 Minutes 40 Seconds East 201 feet  
 thence North 39 Degrees 17 Minutes 57 Seconds East 213 feet  
 thence North 31 Degrees 58 Minutes 08 Seconds East 220.5 feet  
 thence North 32 Degrees 07 Minutes 34 Seconds East 223.2 feet  
 thence North 32 Degrees 20 Minutes 45 Seconds East 230.4 feet  
 thence North 31 Degrees 01 Minutes 15 Seconds East 118 feet  
 thence North 30 Degrees 53 Minutes 50 Seconds East 112.1 feet  
 thence North 31 Degrees 06 Minutes 00 Seconds East 230.4 feet  
 thence North 32 Degrees 32 Minutes 43 Seconds East 216.5 feet  
 thence North 35 Degrees 07 Minutes 47 Seconds East 212.7 feet  
 thence North 46 Degrees 28 Minutes 38 Seconds East 191.8 feet  
 thence North 48 Degrees 48 Minutes 36 Seconds East 170.5 feet  
 thence North 21 Degrees 15 Minutes 55 Seconds East 165.9 feet  
 thence North 26 Degrees 05 Minutes 28 Seconds West 168.4 feet  
 thence North 38 Degrees 14 Minutes 53 Seconds West 207.2 feet  
 thence North 38 Degrees 44 Minutes 21 Seconds West 238.7 feet  
 thence North 38 Degrees 17 Minutes 49 Seconds West 239 feet  
 thence North 38 Degrees 08 Minutes 28 Seconds West 222.7 feet  
 thence North 34 Degrees 50 Minutes 37 Seconds West 195.2 feet

thence North 03 Degrees 30 Minutes 44 Seconds West 147.6 feet  
 thence North 39 Degrees 21 Minutes 16 Seconds East 172.7 feet  
 thence North 35 Degrees 52 Minutes 22 Seconds East 145.6 feet  
 thence North 41 Degrees 13 Minutes 22 Seconds East 73.2 feet  
 thence North 35 Degrees 48 Minutes 35 Seconds East 25.6 feet  
 thence North 32 Degrees 08 Minutes 44 Seconds East 21.4 feet  
 thence North 12 Degrees 20 Minutes 39 Seconds East 86.8 feet  
 thence North 07 Degrees 43 Minutes 44 Seconds East 140.5 feet  
 thence North 14 Degrees 36 Minutes 21 Seconds East 173.2 feet  
 thence North 19 Degrees 37 Minutes 56 Seconds East 191.3 feet  
 thence North 21 Degrees 29 Minutes 39 Seconds East 191.6 feet  
 thence North 05 Degrees 56 Minutes 08 Seconds East 183.6 feet  
 thence North 09 Degrees 44 Minutes 31 Seconds West 202.6 feet  
 thence North 01 Degrees 09 Minutes 25 Seconds West 203.5 feet  
 thence North 01 Degrees 01 Minutes 26 Seconds West 215.3 feet  
 thence North 05 Degrees 46 Minutes 10 Seconds West 224.8 feet  
 thence North 03 Degrees 00 Minutes 23 Seconds West 217.5 feet  
 thence North 00 Degrees 19 Minutes 31 Seconds West 224.8 feet  
 thence North 29 Degrees 04 Minutes 14 Seconds East 160.5 feet  
 thence North 66 Degrees 09 Minutes 53 Seconds East 134.9 feet  
 thence North 88 Degrees 48 Minutes 57 Seconds East 153.3 feet  
 thence South 88 Degrees 47 Minutes 57 Seconds East 160.2 feet  
 thence South 88 Degrees 34 Minutes 59 Seconds East 172.7 feet  
 thence South 89 Degrees 02 Minutes 08 Seconds East 175 feet  
 thence North 78 Degrees 41 Minutes 05 Seconds East 149.8 feet  
 thence North 28 Degrees 49 Minutes 28 Seconds East 152.9 feet  
 thence North 14 Degrees 38 Minutes 32 Seconds East 166.5 feet  
 thence North 14 Degrees 40 Minutes 10 Seconds East 19 feet  
 thence North 40 Degrees 31 Minutes 23 Seconds East 173.1 feet  
 thence North 69 Degrees 38 Minutes 01 Seconds East 111.1 feet  
 thence North 78 Degrees 50 Minutes 03 Seconds East 15.7 feet  
 thence North 74 Degrees 25 Minutes 10 Seconds East 7.5 feet  
 thence North 75 Degrees 47 Minutes 40 Seconds East 87.6 feet  
 thence North 73 Degrees 41 Minutes 50 Seconds East 162.2 feet  
 thence North 64 Degrees 53 Minutes 33 Seconds East 193.4 feet  
 thence North 57 Degrees 17 Minutes 30 Seconds East 179.5 feet  
 thence North 57 Degrees 57 Minutes 50 Seconds East 155.5 feet  
 thence South 85 Degrees 36 Minutes 52 Seconds East 147.9 feet  
 thence South 41 Degrees 21 Minutes 27 Seconds East 161 feet  
 thence South 31 Degrees 32 Minutes 47 Seconds East 175.4 feet  
 thence South 39 Degrees 00 Minutes 05 Seconds East 181.2 feet  
 thence South 59 Degrees 37 Minutes 01 Seconds East 176.7 feet  
 thence South 70 Degrees 13 Minutes 09 Seconds East 195.7 feet  
 thence South 74 Degrees 54 Minutes 11 Seconds East 49.4 feet  
 thence South 74 Degrees 47 Minutes 40 Seconds East 149.5 feet  
 thence South 81 Degrees 54 Minutes 19 Seconds East 201.7 feet  
 thence South 80 Degrees 09 Minutes 08 Seconds East 204.4 feet  
 thence South 78 Degrees 28 Minutes 38 Seconds East 48 feet  
 thence South 78 Degrees 54 Minutes 52 Seconds East 36.5 feet

thence South 84 Degrees 35 Minutes 59 Seconds East 125 feet  
 thence North 71 Degrees 16 Minutes 35 Seconds East 161.2 feet  
 thence North 46 Degrees 08 Minutes 08 Seconds East 182 feet  
 thence North 40 Degrees 49 Minutes 49 Seconds East 58.8 feet  
 thence North 40 Degrees 50 Minutes 17 Seconds East 79.8 feet  
 thence North 51 Degrees 35 Minutes 34 Seconds East 167.6 feet  
 thence North 75 Degrees 51 Minutes 21 Seconds East 167.6 feet  
 thence South 69 Degrees 46 Minutes 10 Seconds East 81.3 feet  
 thence South 65 Degrees 44 Minutes 07 Seconds East 21.3 feet  
 thence South 66 Degrees 43 Minutes 40 Seconds East 68 feet  
 thence South 74 Degrees 22 Minutes 48 Seconds East 21.5 feet  
 thence South 80 Degrees 51 Minutes 47 Seconds East 8 feet  
 thence North 77 Degrees 19 Minutes 36 Seconds East 67.5 feet  
 thence North 17 Degrees 46 Minutes 21 Seconds East 247.2 feet  
 thence North 30 Degrees 11 Minutes 25 Seconds East 151.2 feet  
 thence North 59 Degrees 14 Minutes 14 Seconds East 134.8 feet  
 thence North 60 Degrees 12 Minutes 57 Seconds East 81.4 feet  
 thence North 60 Degrees 44 Minutes 04 Seconds East 127.5 feet  
 thence North 59 Degrees 10 Minutes 45 Seconds East 96.4 feet  
 thence North 29 Degrees 39 Minutes 22 Seconds East 59.1 feet  
 thence North 15 Degrees 58 Minutes 06 Seconds East 22.2 feet  
 thence North 20 Degrees 20 Minutes 56 Seconds East 74.4 feet  
 thence North 36 Degrees 08 Minutes 37 Seconds East 93.9 feet  
 thence North 73 Degrees 07 Minutes 02 Seconds East 76 feet  
 thence South 83 Degrees 36 Minutes 56 Seconds East 95.5 feet  
 thence South 77 Degrees 45 Minutes 05 Seconds East 90.5 feet  
 thence North 51 Degrees 37 Minutes 15 Seconds East 101.7 feet  
 thence North 45 Degrees 07 Minutes 32 Seconds East 117.9 feet  
 thence North 51 Degrees 09 Minutes 59 Seconds East 135.5 feet  
 thence North 69 Degrees 07 Minutes 06 Seconds East 117.8 feet  
 thence North 83 Degrees 16 Minutes 17 Seconds East 132.4 feet  
 thence North 72 Degrees 25 Minutes 40 Seconds East 125.1 feet  
 thence North 61 Degrees 38 Minutes 26 Seconds East 114.5 feet  
 thence North 53 Degrees 39 Minutes 27 Seconds East 132.3 feet  
 thence North 24 Degrees 39 Minutes 05 Seconds East 143 feet  
 thence North 10 Degrees 48 Minutes 42 Seconds East 149.5 feet  
 thence North 38 Degrees 29 Minutes 40 Seconds East 146.6 feet  
 thence North 40 Degrees 27 Minutes 19 Seconds East 113.6 feet  
 thence North 43 Degrees 37 Minutes 58 Seconds East 12.8 feet  
 thence North 48 Degrees 39 Minutes 55 Seconds East 30 feet  
 thence North 49 Degrees 45 Minutes 24 Seconds East 107.4 feet  
 thence North 61 Degrees 27 Minutes 57 Seconds East 138.2 feet  
 thence North 86 Degrees 02 Minutes 58 Seconds East 145.4 feet  
 thence North 71 Degrees 37 Minutes 10 Seconds East 140.8 feet  
 thence North 59 Degrees 03 Minutes 43 Seconds East 156 feet  
 thence North 76 Degrees 24 Minutes 02 Seconds East 161.5 feet  
 thence North 62 Degrees 12 Minutes 36 Seconds East 130.9 feet  
 thence North 83 Degrees 52 Minutes 35 Seconds East 107.2 feet  
 thence South 31 Degrees 40 Minutes 14 Seconds East 126.8 feet

thence South 17 Degrees 02 Minutes 21 Seconds East 124.4 feet  
 thence South 52 Degrees 28 Minutes 48 Seconds East 111.8 feet  
 thence South 73 Degrees 42 Minutes 17 Seconds East 137.7 feet  
 thence South 84 Degrees 50 Minutes 43 Seconds East 178.7 feet  
 thence North 76 Degrees 43 Minutes 17 Seconds East 67.4 feet  
 thence North 76 Degrees 38 Minutes 38 Seconds East 117.9 feet  
 thence North 79 Degrees 10 Minutes 14 Seconds East 169.2 feet  
 thence North 76 Degrees 46 Minutes 32 Seconds East 88.2 feet  
 thence North 80 Degrees 12 Minutes 43 Seconds East 6 feet  
 thence North 79 Degrees 53 Minutes 31 Seconds East 48.3 feet  
 thence South 89 Degrees 00 Minutes 07 Seconds East 99.5 feet  
 thence North 88 Degrees 01 Minutes 33 Seconds East 136.9 feet  
 thence South 82 Degrees 24 Minutes 01 Seconds East 142.8 feet  
 thence South 85 Degrees 58 Minutes 07 Seconds East 138.2 feet  
 thence North 67 Degrees 40 Minutes 09 Seconds East 120 feet  
 thence North 31 Degrees 49 Minutes 36 Seconds East 122.1 feet  
 thence North 18 Degrees 28 Minutes 06 Seconds East 132.4 feet  
 thence North 37 Degrees 13 Minutes 37 Seconds East 143.2 feet  
 thence North 31 Degrees 08 Minutes 43 Seconds East 171.6 feet  
 thence North 51 Degrees 49 Minutes 38 Seconds East 177.1 feet  
 thence North 61 Degrees 08 Minutes 23 Seconds East 158 feet  
 thence North 26 Degrees 38 Minutes 32 Seconds East 125.2 feet  
 thence North 04 Degrees 50 Minutes 35 Seconds West 133.3 feet  
 thence North 15 Degrees 47 Minutes 41 Seconds West 146.4 feet  
 thence North 06 Degrees 26 Minutes 13 Seconds West 163.4 feet  
 thence North 01 Degrees 50 Minutes 15 Seconds East 165.2 feet  
 thence North 33 Degrees 33 Minutes 16 Seconds East 137.2 feet  
 thence North 50 Degrees 34 Minutes 49 Seconds East 40.6 feet  
 thence North 57 Degrees 12 Minutes 11 Seconds East 8.6 feet  
 thence North 63 Degrees 12 Minutes 02 Seconds East 92 feet  
 thence North 71 Degrees 55 Minutes 47 Seconds East 103.4 feet  
 thence North 84 Degrees 54 Minutes 38 Seconds East 7.9 feet  
 thence North 84 Degrees 46 Minutes 31 Seconds East 11.5 feet  
 thence South 73 Degrees 59 Minutes 48 Seconds East 87.5 feet  
 thence South 83 Degrees 35 Minutes 57 Seconds East 134.5 feet  
 thence North 81 Degrees 07 Minutes 55 Seconds East 161.3 feet  
 thence North 83 Degrees 50 Minutes 38 Seconds East 93.7 feet  
 thence South 77 Degrees 47 Minutes 48 Seconds East 3 feet  
 thence South 84 Degrees 25 Minutes 10 Seconds East 9.6 feet  
 thence South 81 Degrees 42 Minutes 13 Seconds East 91.9 feet  
 thence North 71 Degrees 29 Minutes 30 Seconds East 117.8 feet  
 thence North 31 Degrees 52 Minutes 52 Seconds East 158.3 feet  
 thence North 22 Degrees 11 Minutes 32 Seconds East 170.5 feet  
 thence North 39 Degrees 43 Minutes 45 Seconds East 164.2 feet  
 thence North 60 Degrees 07 Minutes 34 Seconds East 177.7 feet  
 thence North 41 Degrees 23 Minutes 57 Seconds East 170.6 feet  
 thence North 16 Degrees 39 Minutes 08 Seconds East 77.6 feet more or less to **the ending**

**point at:** 39 degrees 12 minutes 13.24 seconds North Latitude and -110 degrees 22 minutes 16.41 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet

coordinates of X = 1,960,279.1 feet and Y = 6,880,697.4 feet.

## Appendix J to Attachment 4

**Popular Name: GREEN RIVER CUTOFF**

**County: Emery**

**County Road Number: 401**

**State Geographic Information Database (SGID) Road Identification Number: RD080443.**

**Road-Segment Number: 021**

**Road-Segment Length: 2.41 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 18 South Range 14 East, Section(s) 33, Salt Lake Base & Meridian

Township 19 South Range 14 East, Section(s) 3,4, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (GREEN RIVER CUTOFF)-- Segment 021 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 12 minutes 30.36 seconds North Latitude and -110 degrees 21 minutes 43.98 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,962,809.0 feet and Y = 6,882,461.4 feet; thence the following courses along the said road center line:

thence South 25 Degrees 06 Minutes 02 Seconds East	9.4 feet
thence South 25 Degrees 10 Minutes 33 Seconds East	157 feet
thence South 25 Degrees 39 Minutes 15 Seconds East	204.1 feet
thence South 25 Degrees 41 Minutes 44 Seconds East	225.2 feet
thence South 25 Degrees 20 Minutes 33 Seconds East	222.7 feet
thence South 25 Degrees 14 Minutes 40 Seconds East	173.7 feet
thence South 24 Degrees 40 Minutes 55 Seconds East	53.3 feet
thence South 26 Degrees 24 Minutes 03 Seconds East	17.2 feet
thence South 26 Degrees 28 Minutes 53 Seconds East	102.7 feet
thence South 24 Degrees 46 Minutes 10 Seconds East	166.6 feet

thence South 25 Degrees 59 Minutes 02 Seconds East 194.8 feet  
 thence South 24 Degrees 55 Minutes 54 Seconds East 163.2 feet  
 thence South 28 Degrees 37 Minutes 35 Seconds East 24.2 feet  
 thence South 09 Degrees 47 Minutes 16 Seconds East 2 feet  
 thence South 25 Degrees 39 Minutes 26 Seconds East 61.4 feet  
 thence South 25 Degrees 47 Minutes 01 Seconds East 151.9 feet  
 thence South 25 Degrees 29 Minutes 36 Seconds East 30.1 feet  
 thence South 25 Degrees 45 Minutes 22 Seconds East 222.4 feet  
 thence South 26 Degrees 00 Minutes 20 Seconds East 104.5 feet  
 thence South 26 Degrees 42 Minutes 14 Seconds East 45.1 feet  
 thence South 25 Degrees 20 Minutes 03 Seconds East 135.1 feet  
 thence South 25 Degrees 45 Minutes 14 Seconds East 185 feet  
 thence South 25 Degrees 32 Minutes 11 Seconds East 204.9 feet  
 thence South 25 Degrees 35 Minutes 00 Seconds East 212.3 feet  
 thence South 25 Degrees 52 Minutes 51 Seconds East 158.2 feet  
 thence South 25 Degrees 42 Minutes 04 Seconds East 91.9 feet  
 thence South 25 Degrees 26 Minutes 49 Seconds East 163.1 feet  
 thence South 25 Degrees 45 Minutes 14 Seconds East 207.1 feet  
 thence South 25 Degrees 20 Minutes 51 Seconds East 223.5 feet  
 thence South 25 Degrees 01 Minutes 16 Seconds East 198 feet  
 thence South 25 Degrees 48 Minutes 57 Seconds East 180 feet  
 thence South 25 Degrees 43 Minutes 30 Seconds East 151.5 feet  
 thence South 26 Degrees 53 Minutes 27 Seconds East 39.6 feet  
 thence South 26 Degrees 12 Minutes 46 Seconds East 24.8 feet  
 thence South 32 Degrees 53 Minutes 10 Seconds East 97 feet  
 thence South 71 Degrees 50 Minutes 43 Seconds East 130.5 feet  
 thence North 53 Degrees 57 Minutes 43 Seconds East 87.7 feet  
 thence North 27 Degrees 44 Minutes 47 Seconds East 5.6 feet  
 thence North 18 Degrees 06 Minutes 32 Seconds East 8.3 feet  
 thence North 08 Degrees 28 Minutes 25 Seconds East 107.3 feet  
 thence North 07 Degrees 09 Minutes 22 Seconds East 176.4 feet  
 thence North 10 Degrees 48 Minutes 17 Seconds East 205.7 feet  
 thence North 15 Degrees 26 Minutes 36 Seconds East 205.3 feet  
 thence North 16 Degrees 36 Minutes 06 Seconds East 205.1 feet  
 thence North 18 Degrees 22 Minutes 09 Seconds East 205.8 feet  
 thence North 17 Degrees 52 Minutes 48 Seconds East 181.7 feet  
 thence North 17 Degrees 59 Minutes 58 Seconds East 54.3 feet  
 thence North 17 Degrees 41 Minutes 27 Seconds East 142.2 feet  
 thence North 18 Degrees 24 Minutes 13 Seconds East 80.7 feet  
 thence North 17 Degrees 32 Minutes 03 Seconds East 155.2 feet  
 thence North 18 Degrees 11 Minutes 28 Seconds East 144.7 feet  
 thence North 18 Degrees 37 Minutes 14 Seconds East 46.5 feet  
 thence North 15 Degrees 51 Minutes 48 Seconds East 10.6 feet  
 thence North 17 Degrees 20 Minutes 25 Seconds East 100.6 feet  
 thence North 17 Degrees 34 Minutes 25 Seconds East 166.6 feet  
 thence North 17 Degrees 43 Minutes 15 Seconds East 199.2 feet  
 thence North 17 Degrees 40 Minutes 59 Seconds East 181.5 feet  
 thence North 17 Degrees 29 Minutes 35 Seconds East 19.3 feet  
 thence North 18 Degrees 10 Minutes 30 Seconds East 90 feet

thence North 16 Degrees 05 Minutes 58 Seconds East 59.2 feet  
 thence North 29 Degrees 16 Minutes 43 Seconds East 33.2 feet  
 thence North 58 Degrees 24 Minutes 37 Seconds East 10.8 feet  
 thence North 55 Degrees 59 Minutes 02 Seconds East 5.9 feet  
 thence North 80 Degrees 03 Minutes 16 Seconds East 19.6 feet  
 thence South 75 Degrees 14 Minutes 21 Seconds East 117.3 feet  
 thence South 66 Degrees 26 Minutes 21 Seconds East 175.9 feet  
 thence South 55 Degrees 21 Minutes 19 Seconds East 142.6 feet  
 thence South 55 Degrees 05 Minutes 25 Seconds East 50.6 feet  
 thence South 46 Degrees 14 Minutes 41 Seconds East 43.4 feet  
 thence South 45 Degrees 19 Minutes 32 Seconds East 4.6 feet  
 thence South 43 Degrees 39 Minutes 47 Seconds East 88 feet  
 thence South 41 Degrees 33 Minutes 15 Seconds East 165.8 feet  
 thence South 41 Degrees 20 Minutes 47 Seconds East 214 feet  
 thence South 41 Degrees 37 Minutes 38 Seconds East 244.6 feet  
 thence South 41 Degrees 24 Minutes 17 Seconds East 264.7 feet  
 thence South 41 Degrees 04 Minutes 35 Seconds East 642 feet  
 thence South 41 Degrees 14 Minutes 24 Seconds East 32.6 feet  
 thence South 41 Degrees 06 Minutes 42 Seconds East 132.6 feet  
 thence South 41 Degrees 03 Minutes 43 Seconds East 196.6 feet  
 thence South 41 Degrees 18 Minutes 42 Seconds East 238.7 feet  
 thence South 41 Degrees 22 Minutes 50 Seconds East 13.5 feet  
 thence South 41 Degrees 44 Minutes 09 Seconds East 244.6 feet  
 thence South 40 Degrees 52 Minutes 40 Seconds East 248.4 feet  
 thence South 41 Degrees 56 Minutes 24 Seconds East 243.6 feet  
 thence South 40 Degrees 37 Minutes 59 Seconds East 249.6 feet  
 thence South 41 Degrees 09 Minutes 41 Seconds East 252.5 feet  
 thence South 47 Degrees 09 Minutes 47 Seconds East 246.1 feet  
 thence South 60 Degrees 52 Minutes 14 Seconds East 241.6 feet  
 thence South 75 Degrees 32 Minutes 23 Seconds East 225 feet  
 thence South 85 Degrees 21 Minutes 03 Seconds East 155.2 feet  
 thence North 89 Degrees 40 Minutes 26 Seconds East 14.4 feet  
 thence North 89 Degrees 40 Minutes 26 Seconds East 52.8 feet  
 thence North 87 Degrees 55 Minutes 08 Seconds East 117.9 feet  
 thence South 89 Degrees 52 Minutes 03 Seconds East 41 feet more or less to **the ending point**

**at:** 39 degrees 11 minutes 43.51 seconds North Latitude and -110 degrees 20 minutes 18.99 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,969,559.8 feet and Y = 6,877,808.6 feet.