

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

Ent 486364 Bk 729 Pg 496 - 509  
Date: 27-MAY-2008 10:43AM  
Fee: None  
Filed By: PL  
MERLENE MOSHER DALTON, Recorder  
GRAND COUNTY CORPORATION  
For: STATE OF UTAH

**THE STATE OF UTAH**

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

**Know ye,** This is an Acknowledgment and Notice of Acknowledgment made under Utah Code Sections 72-5-309 through 310 inclusive, that the grant of the United States of America of “the right of way for the construction of highways over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its political subdivision Grand County as it pertains to the highway located in Grand County known as TUSHER CANYON ROAD; County Road Number: 00156; State Geographic Information Database (SGID) Road Identification Number: RD100052. Total road length is 24.44 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 22<sup>nd</sup> day of May, 2008.

By the Governor's Designee

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

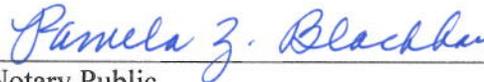
**CERTIFICATION**

State of Utah                    )  
  : ss  
County of Salt Lake         )

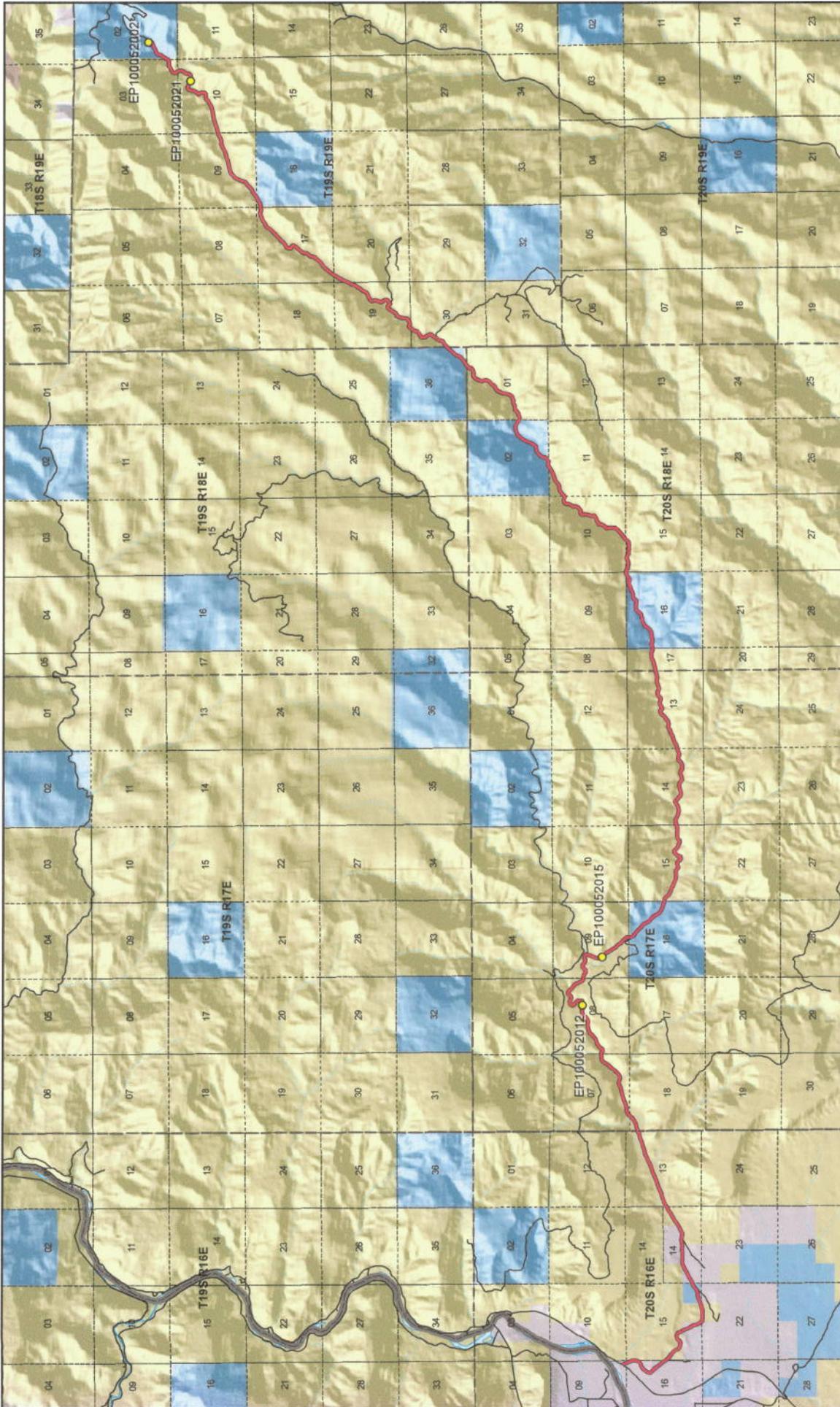
I hereby certify that the signer of the foregoing document, John Harja, is personally known by me, has made a voluntary signature and taken an oath stating that he is the official designee of the Governor of the State of Utah and is authorized to sign this document on the Governor's behalf pursuant to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

Dated this 22<sup>nd</sup> day of May, 2008.



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

Ent 486364 Bk 0729 Pg 0497



**Tusher Canyon Road - Grand County**  
**SGID RD\_ID RD100052**

**Land Ownership Categories**

- BLM
- Private
- SITLA, State Trust Land
- USFS, National Forest
- State Parks and Recreation
- Tribal, Indian Reservation
- NPS, National Park

**Transportation Network**

- Tusher Canyon Road
- Other Roads
- Title V, Issued Or Under Consideration By BLM Or County
- Photo Event Point

Section = 1 Mile

Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
Apr 16, 2008

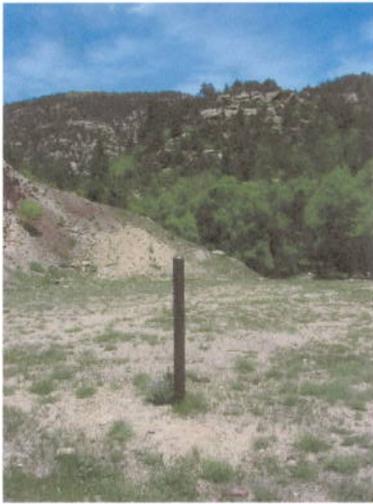
1:111,738  
1 inch equals 1.8 miles

Page 1 of 1

Attachment 1

SGID Road Identification Number RD\_ID: RD100052

Attachment 2



EP100052002



EP100052012



EP100052015



EP100052021

EP000000000

Ent 486364 Bk 0729 Pg 0499

EP000000000

*Tusher Canyon Road - Grand County*  
**SGID RD\_ID RD100052**

Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
April 14, 2008



### Attachment 3

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

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Total Road Length: 24.44 miles more or less.**

**Beginning at a point** on the road centerline located at 39 degrees 05 minutes 25.81 seconds North Latitude and -110 degrees 07 minutes 17.51 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,031,665.1 feet and Y = 6,840,472.9 feet based on the US Survey Foot conversion.

**Ending at a point** on the road centerline located at 39 degrees 10 minutes 43.22 seconds North Latitude and -109 degrees 47 minutes 45.83 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,123,420.0 feet and Y = 6,874,172.1 feet based on the US Survey Foot conversion.

This road may traverse:

Township 19 South Range 18 East, Section(s) 36, Salt Lake Base & Meridian

Township 19 South Range 19 East, Section(s) 2,3,9,10,16,17,19,20,30, Salt Lake Base & Meridian

Township 20 South Range 16 East, Section(s) 9,13,14,15,16,22, Salt Lake Base & Meridian

Township 20 South Range 17 East, Section(s) 7,8,9,13,14,15,16,18, Salt Lake Base & Meridian

Township 20 South Range 18 East, Section(s) 1,2,9,10,11,15,16,17, Salt Lake Base & Meridian

See Attachment 1 above for a cartographic depiction of the course of this road.

Ent 486364 Bk 0729 Pg 0500

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

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Total Road Length: 24.44 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>
RD100052	001	PVT	0.17 Miles	(not shown)
RD100052	002	BLM	0.02 Miles	A
RD100052	003	PVT	0.54 Miles	(not shown)
RD100052	004	BLM	0.52 Miles	B
RD100052	005	PVT	0.29 Miles	(not shown)
RD100052	006	BLM	0.24 Miles	C
RD100052	007	ST	0.29 Miles	(not shown)
RD100052	008	PVT	0.65 Miles	(not shown)
RD100052	009	BLM	0.04 Miles	D
RD100052	010	PVT	0.12 Miles	(not shown)
RD100052	011	BLM	5.03 Miles	E
RD100052	012	ST	0.7 Miles	(not shown)
RD100052	013	BLM	3.7 Miles	F
RD100052	014	ST	1.12 Miles	(not shown)
RD100052	015	BLM	2.11 Miles	G
RD100052	016	ST	0.86 Miles	(not shown)
RD100052	017	BLM	1.19 Miles	H
RD100052	018	ST	0.31 Miles	(not shown)
RD100052	019	BLM	3.51 Miles	I
RD100052	020	ST	0.11 Miles	(not shown)
RD100052	021	BLM	2.57 Miles	J
RD100052	022	ST	0.36 Miles	(not shown)
		<b>Total Road Length</b>	<b>24.44</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.

Ent 486364 Bk 0729 Pg 0502

## **Attachment 5**

**AFFIDAVIT OF HAROLD W. NELSON**

**TUSHER CANYON ROAD**

**COUNTY ROAD NUMBER 00156**

**GRAND COUNTY, UTAH**

State of Utah                    )  
  : ss.  
County of Emery                )

HAROLD W. NELSON, being first duly sworn, deposes and states as follows:

1. I am an adult competent to testify about the matters set forth below based upon my personal knowledge. I have lived in Grand County for 63 years.

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

3. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1960s and continuing through 1976 to 2007. Throughout this time period I have observed travel on the road by various means, including Grand County road equipment, ATVs, trucks and jeeps. Throughout this time period, the road has been used daily, weather permitting for more than ten continuous years prior to 1976, and was used daily, weather permitting in 2007.

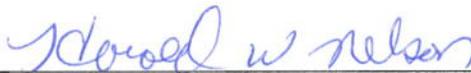
4. Throughout the time period from the early 1960s to 2007, I have used the road myself for livestock operations, hunting, traveling in and through the area and recreation.

5. Throughout the time period described in the previous paragraph, I observed vehicles using the road at various times for the uses described in the previous paragraph, plus government access, mining, oil and gas exploration, prospecting for minerals and rock hounding.

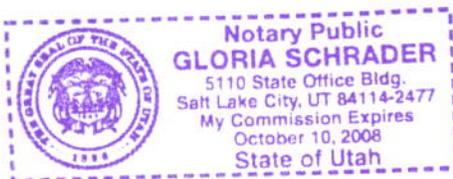
6. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1900s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

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

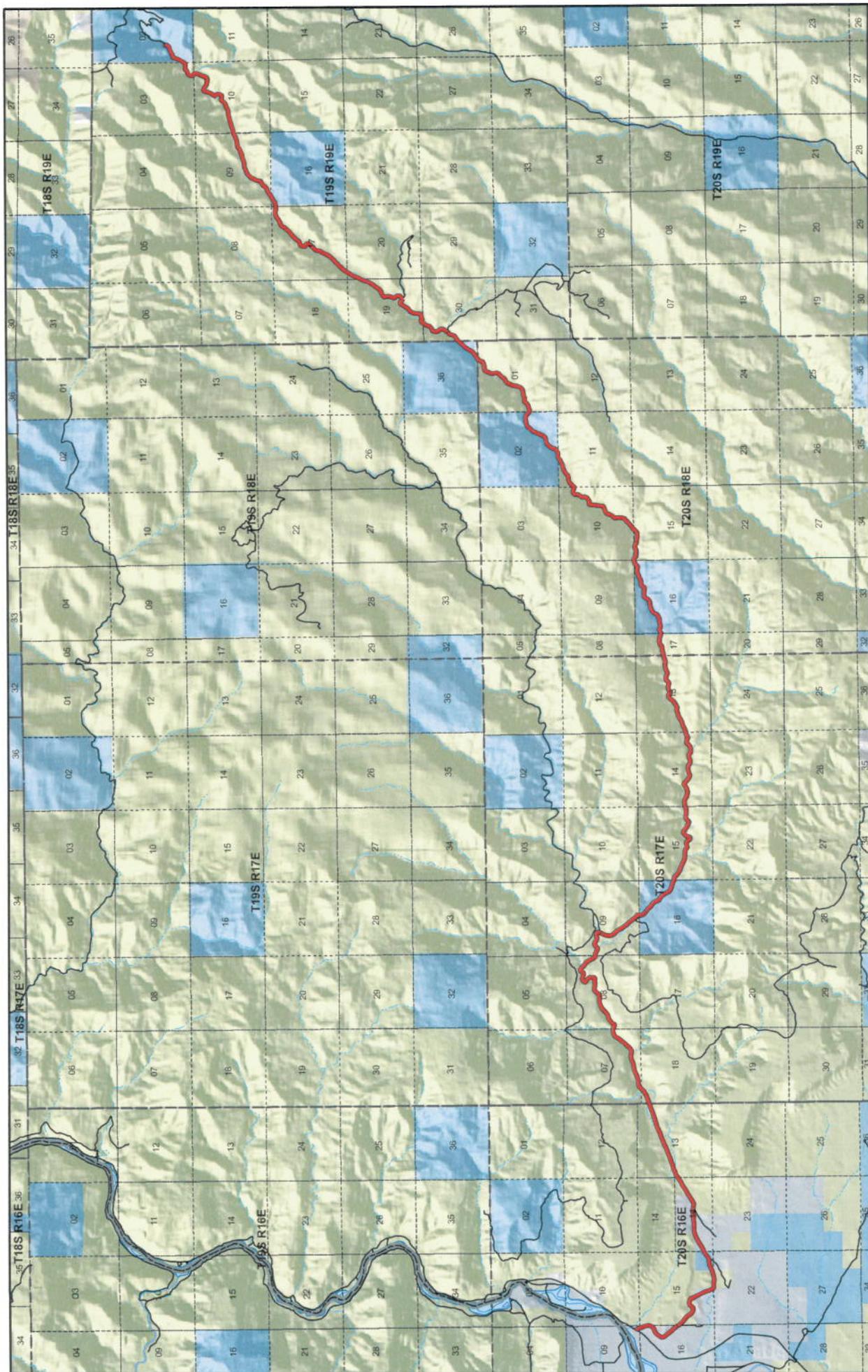
Dated this 3 day of August, 2007.

  
\_\_\_\_\_  
HAROLD W. NELSON

SUBSCRIBED AND SWORN to before me this 3rd day of August, 2007.



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



**Tusher Canyon**  
**County Unique - 00156**

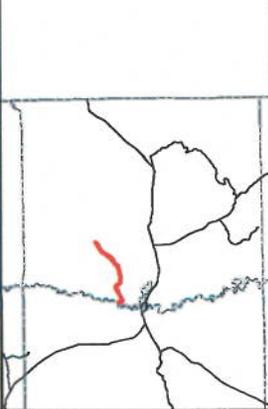
Scale: 1:111,738  
1 inch equals 1.8 miles

Map Prepared by the State of Utah  
Automatic Geographic Reference Center  
AGRC  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
July 24, 2007




- Land Ownership Categories**
- BLM
  - State Sovereign Land
  - SITLA, State Trust Land
  - USFS, National Forest
  - National Park (NPS)
  - Private
- Misc**
- City / Town
  - Municipalities
  - Section = 1 Mile
- Transportation Network**
- Tusher Canyon
  - State / U.S. Highway
  - Local Roads

- Wildlife Reserve**
- Military
  - Wilderness
  - State Park
  - Tribal Lands



**AFFIDAVIT OF JAMES D. NYLAND, SR.**

**TUSHER CANYON ROAD**

**COUNTY ROAD NUMBER 00156**

**GRAND COUNTY, UTAH**

State of Utah                    )  
  : ss.  
County of Grand                )

JAMES D. NYLAND, SR. being first duly sworn, deposes and states as follows:

1. I am an adult competent to testify about the matters set forth below based upon my personal knowledge. I have lived in Grand County for 50 years. I have been the Grand County Sheriff since 1978.

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

3. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1960s and continuing through 1976 to 2007. Throughout this time period I have observed travel on the road by various means, including Grand County road equipment, cars, ATVs, trucks and jeeps.

Throughout this time period, the road has been used daily for more than ten continuous years prior to 1976, and was used daily in 2005.

4. Throughout the time period from the early 1960s to 2005, I have used the road myself for hunting, law enforcement, traveling in and through the area and recreation.

5. Throughout the time period described in the previous paragraph, I observed vehicles using the road at various times for the uses described in the previous paragraph, plus prospecting for minerals, rock hounding, tourism, mining and livestock operations.

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

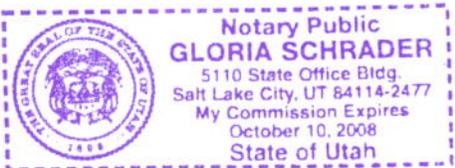
7. Prior to 1976, I observed the graded surface of the road.

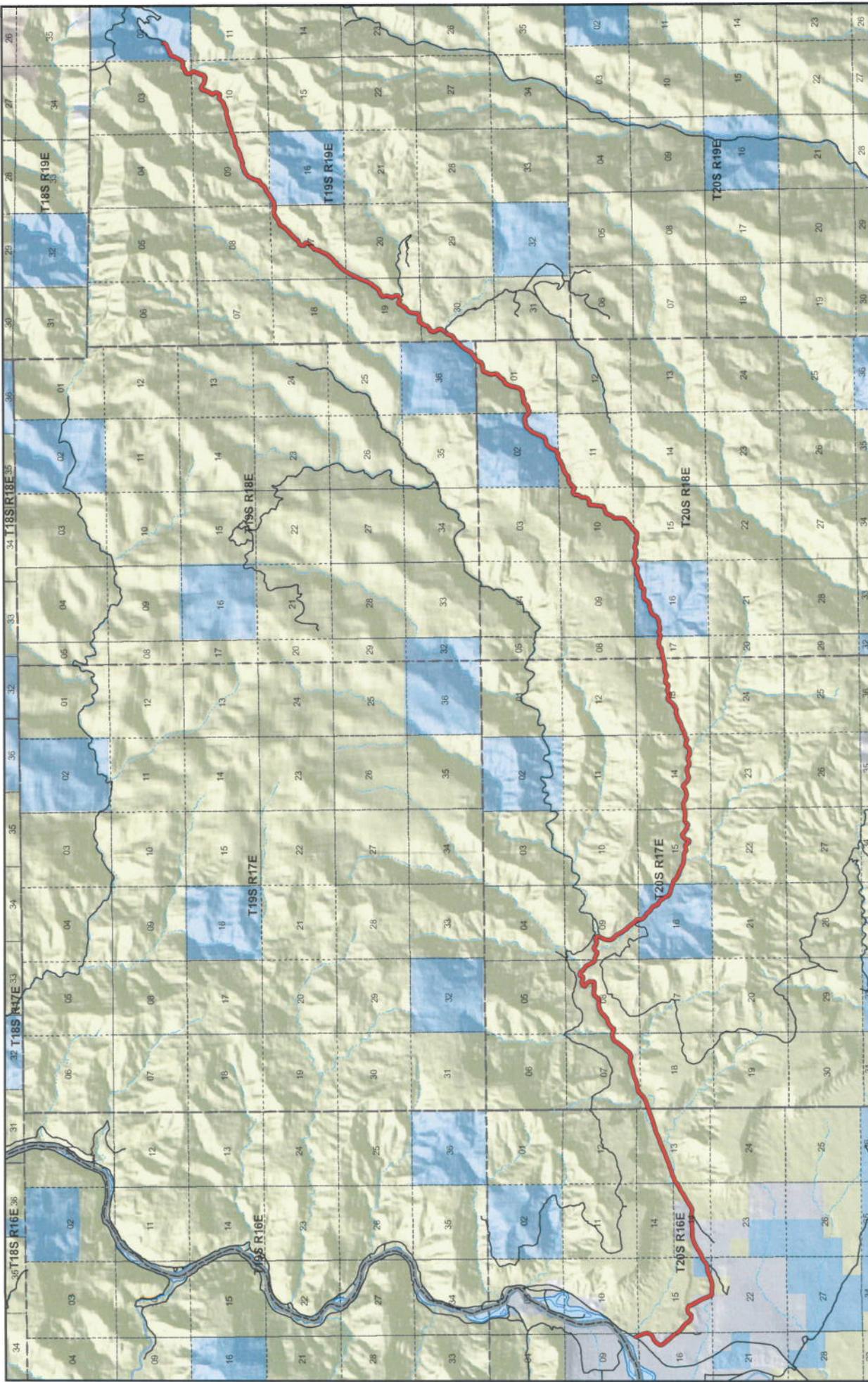
Dated this 02 day of August, 2007.

*James D. Nyland Sr.*  
JAMES D. NYLAND. SR.

SUBSCRIBED AND SWORN to before me this 2nd day of August, 2007.

*Gloria Schrader*  
NOTARY PUBLIC



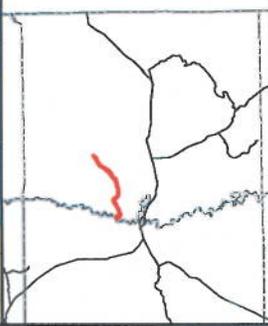


Map prepared by the State of Utah  
 Alternative Geographic Information Center  
 Room 538 State Office Building  
 Salt Lake City, Utah 84114  
 01/24/2007

1:111,738  
 1 inch equals 1.8 miles




- ### Tusher Canyon County Unique - 00156
- Land Ownership Categories**
- BLM
  - State Sovereign Land
  - SITLA, State Trust Land
  - USFS, National Forest
  - National Park (NPS)
  - Private
- Misc**
- Wildlife Reserve
  - Military
  - Wilderness
  - State Park
  - Tribal Lands
- City / Town**
- Municipalities
  - Section = 1 Mile
- Transportation Network**
- Tusher Canyon
  - State / U.S. Highway
  - Local Roads



## Appendix A to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 002**

**Road-Segment Length: 0.02 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 20 South Range 16 East, Section(s) 15, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 05 minutes 18.13 seconds North Latitude and -110 degrees 07 minutes 13.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,032,013.1 feet and Y = 6,839,701.6 feet; thence the following courses along the said road center line:

thence South 11 Degrees 46 Minutes 42 Seconds East 58.2 feet

thence South 18 Degrees 31 Minutes 26 Seconds West 32.7 feet more or less to **the ending point at:** 39 degrees 05 minutes 17.26 seconds North Latitude and -110 degrees 07 minutes 13.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,032,014.6 feet and Y = 6,839,613.7 feet.

## Appendix B to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 004**

**Road-Segment Length: 0.52 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 20 South Range 16 East, Section(s) 15, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 04 minutes 056.2 seconds North Latitude and -110 degrees 07 minutes 013.2 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,032,050.9 feet and Y = 6,837,483.4 feet; thence the following courses along the said road center line:

thence South 37 Degrees 00 Minutes 46 Seconds East	190 feet
thence South 51 Degrees 11 Minutes 12 Seconds East	228.8 feet
thence South 51 Degrees 49 Minutes 48 Seconds East	226.7 feet
thence South 49 Degrees 49 Minutes 48 Seconds East	199.6 feet
thence South 26 Degrees 47 Minutes 32 Seconds East	198 feet
thence South 36 Degrees 41 Minutes 37 Seconds East	187.5 feet
thence South 67 Degrees 25 Minutes 45 Seconds East	206.6 feet
thence South 80 Degrees 15 Minutes 39 Seconds East	187.7 feet
thence North 52 Degrees 49 Minutes 40 Seconds East	153.2 feet
thence North 37 Degrees 36 Minutes 56 Seconds East	158.1 feet
thence North 69 Degrees 22 Minutes 16 Seconds East	165.5 feet

thence South 80 Degrees 57 Minutes 24 Seconds East 151.1 feet

thence South 57 Degrees 10 Minutes 11 Seconds East 171 feet

thence South 26 Degrees 33 Minutes 45 Seconds East 223.2 feet

thence South 23 Degrees 43 Minutes 37 Seconds East 93 feet

thence South 23 Degrees 54 Minutes 29 Seconds East 14.9 feet more or less to **the ending**

**point at:** 39 degrees 04 minutes 44.62 seconds North Latitude and -110 degrees 06 minutes 47.94 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,034,061.1 feet and Y = 6,836,342.7 feet.

## Appendix C to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 006**

**Road-Segment Length: 0.24 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 20 South Range 16 East, Section(s) 15,22, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- Segment 006 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 04 minutes 31.26 seconds North Latitude and -110 degrees 06 minutes 39.64 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,034,736.6 feet and Y = 6,835,001.2 feet; thence the following courses along the said road center line:

thence South 55 Degrees 44 Minutes 04 Seconds East 22.5 feet

thence North 89 Degrees 40 Minutes 14 Seconds East 169.6 feet

thence South 88 Degrees 52 Minutes 33 Seconds East 194.1 feet

thence South 87 Degrees 42 Minutes 43 Seconds East 215.6 feet

thence North 88 Degrees 00 Minutes 37 Seconds East 226.5 feet

thence North 74 Degrees 52 Minutes 22 Seconds East 174.9 feet

thence North 74 Degrees 53 Minutes 03 Seconds East 69.3 feet

thence North 70 Degrees 13 Minutes 32 Seconds East 192.5 feet more or less to **the ending**

**point at:** 39 degrees 04 minutes 32.18 seconds North Latitude and -110 degrees 06 minutes 23.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,035,977.6 feet and Y = 6,835,113.8 feet.

## Appendix D to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 009**

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

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

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

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

This road-segment may traverse:

Township 20 South Range 16 East, Section(s) 14, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 04 minutes 44.52 seconds North Latitude and -110 degrees 05 minutes 25.03 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,040,598.4 feet and Y = 6,836,434.8 feet; thence the following courses along the said road center line:

thence South 78 Degrees 54 Minutes 49 Seconds East 7 feet

thence South 87 Degrees 03 Minutes 16 Seconds East 143.6 feet

thence North 70 Degrees 46 Minutes 27 Seconds East 37.4 feet more or less to **the ending**

**point at:** 39 degrees 04 minutes 44.53 seconds North Latitude and -110 degrees 05 minutes 22.67 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,040,784.0 feet and Y = 6,836,438.3 feet.

## Appendix E to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 011**

**Road-Segment Length: 5.03 miles more or less.**

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

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

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

This road-segment may traverse:

Township 20 South Range 16 East, Section(s) 13,14, Salt Lake Base & Meridian

Township 20 South Range 17 East, Section(s) 7,8,9,16,18, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 04 minutes 47.54 seconds North Latitude and -110 degrees 05 minutes 15.67 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,041,331.6 feet and Y = 6,836,752.2 feet; thence the following courses along the said road center line:

thence North 59 Degrees 10 Minutes 30 Seconds East	185.2 feet
thence North 58 Degrees 32 Minutes 30 Seconds East	244.4 feet
thence North 58 Degrees 35 Minutes 00 Seconds East	178 feet
thence North 58 Degrees 18 Minutes 10 Seconds East	179.7 feet
thence North 58 Degrees 09 Minutes 23 Seconds East	194.6 feet
thence North 58 Degrees 01 Minutes 51 Seconds East	168.9 feet
thence North 59 Degrees 02 Minutes 14 Seconds East	170.7 feet
thence North 56 Degrees 28 Minutes 03 Seconds East	119.9 feet
thence North 53 Degrees 32 Minutes 37 Seconds East	72.4 feet
thence North 53 Degrees 20 Minutes 04 Seconds East	4.9 feet

thence North 53 Degrees 22 Minutes 46 Seconds East	125.4 feet
thence North 66 Degrees 41 Minutes 10 Seconds East	180.7 feet
thence North 67 Degrees 42 Minutes 46 Seconds East	223.8 feet
thence North 66 Degrees 03 Minutes 26 Seconds East	163.9 feet
thence North 71 Degrees 20 Minutes 37 Seconds East	104.4 feet
thence North 74 Degrees 15 Minutes 47 Seconds East	185.3 feet
thence North 69 Degrees 59 Minutes 10 Seconds East	229 feet
thence North 68 Degrees 29 Minutes 12 Seconds East	254.3 feet
thence North 68 Degrees 24 Minutes 28 Seconds East	267 feet
thence North 68 Degrees 34 Minutes 16 Seconds East	273.5 feet
thence North 68 Degrees 47 Minutes 19 Seconds East	294.6 feet
thence North 68 Degrees 00 Minutes 29 Seconds East	311.2 feet
thence North 67 Degrees 27 Minutes 56 Seconds East	290.9 feet
thence North 67 Degrees 31 Minutes 18 Seconds East	239.4 feet
thence North 68 Degrees 59 Minutes 25 Seconds East	120.8 feet
thence North 68 Degrees 52 Minutes 34 Seconds East	138.7 feet
thence North 62 Degrees 43 Minutes 51 Seconds East	224.6 feet
thence North 64 Degrees 30 Minutes 39 Seconds East	239.3 feet
thence North 75 Degrees 24 Minutes 04 Seconds East	233 feet
thence North 73 Degrees 58 Minutes 41 Seconds East	242.7 feet
thence North 70 Degrees 58 Minutes 10 Seconds East	266.1 feet
thence North 70 Degrees 08 Minutes 26 Seconds East	265.1 feet
thence North 70 Degrees 30 Minutes 25 Seconds East	244.9 feet
thence North 71 Degrees 24 Minutes 34 Seconds East	235.7 feet
thence North 68 Degrees 09 Minutes 08 Seconds East	170 feet
thence North 67 Degrees 09 Minutes 06 Seconds East	85.7 feet
thence North 69 Degrees 36 Minutes 24 Seconds East	29.9 feet
thence North 69 Degrees 38 Minutes 10 Seconds East	104.1 feet
thence North 74 Degrees 23 Minutes 57 Seconds East	186.9 feet
thence North 72 Degrees 44 Minutes 47 Seconds East	191.7 feet
thence North 63 Degrees 11 Minutes 19 Seconds East	191.4 feet
thence North 63 Degrees 19 Minutes 05 Seconds East	173.7 feet
thence North 57 Degrees 21 Minutes 23 Seconds East	122.8 feet
thence North 43 Degrees 02 Minutes 15 Seconds East	158 feet
thence North 41 Degrees 04 Minutes 44 Seconds East	95.2 feet
thence North 41 Degrees 04 Minutes 44 Seconds East	66.7 feet
thence North 46 Degrees 41 Minutes 27 Seconds East	168.5 feet
thence North 73 Degrees 22 Minutes 06 Seconds East	181.2 feet
thence North 82 Degrees 56 Minutes 26 Seconds East	210 feet
thence North 81 Degrees 56 Minutes 56 Seconds East	219.8 feet
thence North 71 Degrees 42 Minutes 43 Seconds East	218.2 feet
thence North 65 Degrees 23 Minutes 38 Seconds East	227.5 feet
thence North 69 Degrees 04 Minutes 33 Seconds East	223.9 feet
thence North 80 Degrees 31 Minutes 13 Seconds East	216.7 feet
thence North 77 Degrees 20 Minutes 43 Seconds East	199.9 feet
thence North 67 Degrees 31 Minutes 58 Seconds East	182.9 feet
thence North 67 Degrees 05 Minutes 59 Seconds East	175.3 feet
thence North 79 Degrees 05 Minutes 31 Seconds East	169.8 feet
thence South 79 Degrees 11 Minutes 44 Seconds East	169.9 feet

thence South 78 Degrees 23 Minutes 53 Seconds East 166.7 feet  
 thence North 76 Degrees 22 Minutes 55 Seconds East 171.3 feet  
 thence North 54 Degrees 20 Minutes 54 Seconds East 187.3 feet  
 thence North 40 Degrees 36 Minutes 30 Seconds East 217.2 feet  
 thence North 36 Degrees 29 Minutes 52 Seconds East 231.7 feet  
 thence North 39 Degrees 28 Minutes 32 Seconds East 224.3 feet  
 thence North 41 Degrees 55 Minutes 42 Seconds East 206.2 feet  
 thence North 32 Degrees 35 Minutes 56 Seconds East 174 feet  
 thence North 28 Degrees 51 Minutes 15 Seconds East 152.2 feet  
 thence North 43 Degrees 55 Minutes 57 Seconds East 135.2 feet  
 thence North 61 Degrees 27 Minutes 10 Seconds East 152.7 feet  
 thence North 78 Degrees 42 Minutes 30 Seconds East 172.6 feet  
 thence North 88 Degrees 30 Minutes 19 Seconds East 161.4 feet  
 thence South 72 Degrees 40 Minutes 28 Seconds East 16 feet  
 thence South 72 Degrees 39 Minutes 47 Seconds East 124.6 feet  
 thence South 57 Degrees 04 Minutes 59 Seconds East 131.7 feet  
 thence North 78 Degrees 47 Minutes 46 Seconds East 121.8 feet  
 thence North 33 Degrees 14 Minutes 27 Seconds East 139.8 feet  
 thence North 37 Degrees 36 Minutes 16 Seconds East 149.8 feet  
 thence North 52 Degrees 53 Minutes 39 Seconds East 156.2 feet  
 thence North 58 Degrees 43 Minutes 01 Seconds East 121.2 feet  
 thence North 76 Degrees 59 Minutes 45 Seconds East 157.1 feet  
 thence North 63 Degrees 45 Minutes 22 Seconds East 161.5 feet  
 thence North 51 Degrees 58 Minutes 36 Seconds East 174.4 feet  
 thence North 42 Degrees 01 Minutes 30 Seconds East 197.6 feet  
 thence North 51 Degrees 21 Minutes 47 Seconds East 206.5 feet  
 thence North 66 Degrees 59 Minutes 01 Seconds East 217 feet  
 thence North 68 Degrees 03 Minutes 34 Seconds East 204.9 feet  
 thence North 76 Degrees 59 Minutes 15 Seconds East 164.4 feet  
 thence South 77 Degrees 25 Minutes 12 Seconds East 154.2 feet  
 thence South 86 Degrees 55 Minutes 24 Seconds East 138.1 feet  
 thence North 74 Degrees 06 Minutes 56 Seconds East 116.3 feet  
 thence North 49 Degrees 24 Minutes 03 Seconds East 114.2 feet  
 thence North 34 Degrees 18 Minutes 20 Seconds East 155.6 feet  
 thence North 43 Degrees 31 Minutes 07 Seconds East 152.4 feet  
 thence North 66 Degrees 22 Minutes 56 Seconds East 149.4 feet  
 thence South 86 Degrees 14 Minutes 39 Seconds East 138.2 feet  
 thence South 79 Degrees 10 Minutes 04 Seconds East 169.5 feet  
 thence North 86 Degrees 45 Minutes 12 Seconds East 161.2 feet  
 thence North 82 Degrees 59 Minutes 29 Seconds East 84.7 feet  
 thence North 89 Degrees 40 Minutes 12 Seconds East 26.5 feet  
 thence South 84 Degrees 00 Minutes 21 Seconds East 89.4 feet  
 thence South 83 Degrees 54 Minutes 46 Seconds East 102.8 feet  
 thence North 56 Degrees 28 Minutes 26 Seconds East 92.9 feet  
 thence North 05 Degrees 57 Minutes 58 Seconds East 99.1 feet  
 thence North 01 Degrees 28 Minutes 32 Seconds West 123.1 feet  
 thence North 04 Degrees 16 Minutes 30 Seconds West 95.4 feet  
 thence North 35 Degrees 52 Minutes 57 Seconds West 129.1 feet  
 thence North 48 Degrees 49 Minutes 38 Seconds West 126.3 feet

thence North 56 Degrees 08 Minutes 35 Seconds West 119.7 feet  
thence North 31 Degrees 57 Minutes 23 Seconds West 102.1 feet  
thence North 19 Degrees 37 Minutes 47 Seconds East 110 feet  
thence North 54 Degrees 00 Minutes 51 Seconds East 129.5 feet  
thence North 81 Degrees 48 Minutes 22 Seconds East 131.9 feet  
thence South 67 Degrees 42 Minutes 35 Seconds East 149.3 feet  
thence South 70 Degrees 11 Minutes 33 Seconds East 133.5 feet  
thence North 82 Degrees 45 Minutes 35 Seconds East 122.7 feet  
thence North 36 Degrees 17 Minutes 56 Seconds East 118.6 feet  
thence North 21 Degrees 24 Minutes 12 Seconds East 102.5 feet  
thence North 72 Degrees 57 Minutes 52 Seconds East 114.2 feet  
thence South 69 Degrees 41 Minutes 32 Seconds East 135 feet  
thence South 28 Degrees 11 Minutes 14 Seconds East 113.2 feet  
thence South 42 Degrees 24 Minutes 02 Seconds East 150.3 feet  
thence South 50 Degrees 48 Minutes 22 Seconds East 136.7 feet  
thence South 61 Degrees 16 Minutes 05 Seconds East 128.4 feet  
thence South 53 Degrees 25 Minutes 08 Seconds East 101.1 feet  
thence South 23 Degrees 59 Minutes 53 Seconds East 127.2 feet  
thence South 27 Degrees 31 Minutes 03 Seconds East 151.3 feet  
thence South 24 Degrees 42 Minutes 44 Seconds East 149.5 feet  
thence South 32 Degrees 02 Minutes 45 Seconds East 135 feet  
thence South 50 Degrees 31 Minutes 00 Seconds East 158.9 feet  
thence South 84 Degrees 23 Minutes 05 Seconds East 64.6 feet  
thence South 84 Degrees 20 Minutes 49 Seconds East 30.2 feet  
thence North 89 Degrees 40 Minutes 12 Seconds East 109.7 feet  
thence South 59 Degrees 51 Minutes 29 Seconds East 152.1 feet  
thence South 61 Degrees 39 Minutes 13 Seconds East 164.1 feet  
thence South 81 Degrees 06 Minutes 23 Seconds East 112.6 feet  
thence North 43 Degrees 20 Minutes 46 Seconds East 131.6 feet  
thence North 54 Degrees 33 Minutes 39 Seconds East 119.8 feet  
thence North 61 Degrees 16 Minutes 21 Seconds East 100.1 feet  
thence North 49 Degrees 11 Minutes 23 Seconds East 60.7 feet  
thence South 63 Degrees 45 Minutes 53 Seconds East 95.4 feet  
thence South 25 Degrees 07 Minutes 36 Seconds East 36.2 feet  
thence South 63 Degrees 12 Minutes 31 Seconds East 302.4 feet  
thence North 79 Degrees 15 Minutes 38 Seconds East 99.9 feet  
thence North 57 Degrees 16 Minutes 57 Seconds East 70.5 feet  
thence North 73 Degrees 40 Minutes 09 Seconds East 65.5 feet  
thence North 84 Degrees 36 Minutes 21 Seconds East 74.4 feet  
thence South 71 Degrees 20 Minutes 32 Seconds East 80.7 feet  
thence South 28 Degrees 46 Minutes 22 Seconds East 89.6 feet  
thence South 12 Degrees 33 Minutes 18 Seconds East 50.4 feet  
thence South 11 Degrees 16 Minutes 19 Seconds East 15 feet  
thence South 07 Degrees 32 Minutes 56 Seconds East 5 feet  
thence South 04 Degrees 40 Minutes 14 Seconds West 65.9 feet  
thence South 29 Degrees 02 Minutes 35 Seconds West 26.4 feet  
thence South 28 Degrees 06 Minutes 46 Seconds West 89.6 feet  
thence South 20 Degrees 32 Minutes 56 Seconds West 170.4 feet  
thence South 20 Degrees 38 Minutes 13 Seconds West 186.3 feet

thence South 12 Degrees 15 Minutes 34 Seconds West 181.6 feet  
thence South 00 Degrees 17 Minutes 10 Seconds West 173.9 feet  
thence South 17 Degrees 41 Minutes 13 Seconds East 147.8 feet  
thence South 33 Degrees 54 Minutes 51 Seconds East 88.6 feet  
thence South 42 Degrees 41 Minutes 41 Seconds East 22.2 feet  
thence South 43 Degrees 02 Minutes 50 Seconds East 40.2 feet  
thence South 45 Degrees 23 Minutes 26 Seconds East 153.3 feet  
thence South 35 Degrees 42 Minutes 17 Seconds East 144.9 feet  
thence South 31 Degrees 52 Minutes 36 Seconds East 152.1 feet  
thence South 28 Degrees 52 Minutes 02 Seconds East 186.8 feet  
thence South 34 Degrees 33 Minutes 14 Seconds East 188.5 feet  
thence South 30 Degrees 15 Minutes 41 Seconds East 187.5 feet  
thence South 41 Degrees 30 Minutes 50 Seconds East 172.2 feet  
thence South 45 Degrees 44 Minutes 37 Seconds East 180 feet  
thence South 33 Degrees 43 Minutes 42 Seconds East 178.9 feet  
thence South 43 Degrees 08 Minutes 09 Seconds East 158.8 feet  
thence South 43 Degrees 27 Minutes 10 Seconds East 168.6 feet  
thence South 43 Degrees 07 Minutes 24 Seconds East 154.3 feet  
thence South 46 Degrees 14 Minutes 36 Seconds East 117.9 feet  
thence South 06 Degrees 52 Minutes 17 Seconds East 99.1 feet  
thence South 08 Degrees 28 Minutes 17 Seconds West 15.4 feet  
thence South 08 Degrees 16 Minutes 34 Seconds West 6.1 feet  
thence South 10 Degrees 42 Minutes 10 Seconds West 22.6 feet more or less to **the ending**

**point at:** 39 degrees 05 minutes 19.52 seconds North Latitude and -110 degrees 01 minutes 01.51 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,061,317.4 feet and Y = 6,840,311.2 feet.

## Appendix F to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 013**

**Road-Segment Length: 3.7 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 20 South Range 17 East, Section(s) 13,14,15, Salt Lake Base & Meridian

Township 20 South Range 18 East, Section(s) 17, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 04 minutes 55.05 seconds North Latitude and -110 degrees 00 minutes 29.97 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,063,845.3 feet and Y = 6,837,877.0 feet; thence the following courses along the said road center line:

thence South 80 Degrees 50 Minutes 04 Seconds East	111.4 feet
thence South 69 Degrees 56 Minutes 06 Seconds East	117.7 feet
thence South 41 Degrees 19 Minutes 39 Seconds East	137 feet
thence South 39 Degrees 41 Minutes 26 Seconds East	169.8 feet
thence South 62 Degrees 22 Minutes 17 Seconds East	192.5 feet
thence South 66 Degrees 42 Minutes 03 Seconds East	200.6 feet
thence South 76 Degrees 10 Minutes 01 Seconds East	201.2 feet
thence South 64 Degrees 16 Minutes 45 Seconds East	224.2 feet
thence South 62 Degrees 56 Minutes 24 Seconds East	235.4 feet
thence South 73 Degrees 36 Minutes 59 Seconds East	222.5 feet

thence North 88 Degrees 13 Minutes 58 Seconds East 196.3 feet  
 thence South 89 Degrees 20 Minutes 41 Seconds East 190.8 feet  
 thence South 78 Degrees 20 Minutes 42 Seconds East 150.1 feet  
 thence South 62 Degrees 27 Minutes 33 Seconds East 108.8 feet  
 thence South 51 Degrees 59 Minutes 56 Seconds East 132.3 feet  
 thence North 74 Degrees 57 Minutes 40 Seconds East 135.7 feet  
 thence North 78 Degrees 15 Minutes 50 Seconds East 166 feet  
 thence South 75 Degrees 03 Minutes 24 Seconds East 124.6 feet  
 thence South 32 Degrees 45 Minutes 05 Seconds East 143.8 feet  
 thence South 34 Degrees 47 Minutes 34 Seconds East 113.4 feet  
 thence South 82 Degrees 24 Minutes 36 Seconds East 119.1 feet  
 thence North 54 Degrees 42 Minutes 53 Seconds East 103.1 feet  
 thence North 14 Degrees 31 Minutes 46 Seconds East 152.8 feet  
 thence North 31 Degrees 36 Minutes 49 Seconds East 176 feet  
 thence North 48 Degrees 34 Minutes 31 Seconds East 159.8 feet  
 thence South 87 Degrees 25 Minutes 54 Seconds East 129.8 feet  
 thence South 48 Degrees 08 Minutes 44 Seconds East 156.4 feet  
 thence South 52 Degrees 07 Minutes 47 Seconds East 177.8 feet  
 thence South 67 Degrees 41 Minutes 03 Seconds East 191.8 feet  
 thence South 66 Degrees 24 Minutes 03 Seconds East 161.8 feet  
 thence South 82 Degrees 15 Minutes 26 Seconds East 116.8 feet  
 thence North 54 Degrees 43 Minutes 21 Seconds East 88.8 feet  
 thence North 41 Degrees 42 Minutes 03 Seconds East 95 feet  
 thence North 58 Degrees 38 Minutes 48 Seconds East 136.9 feet  
 thence North 85 Degrees 32 Minutes 05 Seconds East 136.5 feet  
 thence South 74 Degrees 54 Minutes 30 Seconds East 148.1 feet  
 thence North 85 Degrees 54 Minutes 47 Seconds East 175.3 feet  
 thence North 89 Degrees 40 Minutes 10 Seconds East 189.7 feet  
 thence North 73 Degrees 49 Minutes 34 Seconds East 192.3 feet  
 thence North 71 Degrees 36 Minutes 32 Seconds East 9.5 feet  
 thence North 71 Degrees 42 Minutes 18 Seconds East 182 feet  
 thence North 85 Degrees 31 Minutes 42 Seconds East 181.8 feet  
 thence South 67 Degrees 44 Minutes 45 Seconds East 183.7 feet  
 thence South 65 Degrees 18 Minutes 00 Seconds East 201.7 feet  
 thence South 75 Degrees 19 Minutes 47 Seconds East 171.2 feet  
 thence South 78 Degrees 23 Minutes 47 Seconds East 111.1 feet  
 thence North 84 Degrees 13 Minutes 44 Seconds East 86.5 feet  
 thence North 73 Degrees 04 Minutes 55 Seconds East 120.7 feet  
 thence North 83 Degrees 48 Minutes 48 Seconds East 128.7 feet  
 thence North 56 Degrees 51 Minutes 49 Seconds East 133.3 feet  
 thence North 47 Degrees 10 Minutes 04 Seconds East 116.6 feet  
 thence North 54 Degrees 58 Minutes 27 Seconds East 103.8 feet  
 thence South 58 Degrees 05 Minutes 37 Seconds East 107.7 feet  
 thence South 43 Degrees 41 Minutes 38 Seconds East 182.8 feet  
 thence South 51 Degrees 10 Minutes 57 Seconds East 210.5 feet  
 thence South 62 Degrees 53 Minutes 17 Seconds East 174.5 feet  
 thence South 77 Degrees 43 Minutes 36 Seconds East 97.8 feet  
 thence North 72 Degrees 52 Minutes 15 Seconds East 136.3 feet  
 thence North 76 Degrees 44 Minutes 07 Seconds East 183.3 feet

thence North 75 Degrees 25 Minutes 40 Seconds East 180.1 feet  
 thence North 88 Degrees 56 Minutes 01 Seconds East 127.8 feet  
 thence South 59 Degrees 49 Minutes 10 Seconds East 84 feet  
 thence South 52 Degrees 43 Minutes 38 Seconds East 131.8 feet  
 thence South 70 Degrees 13 Minutes 01 Seconds East 152.7 feet  
 thence North 83 Degrees 32 Minutes 42 Seconds East 138.4 feet  
 thence North 68 Degrees 47 Minutes 15 Seconds East 147.3 feet  
 thence North 80 Degrees 21 Minutes 46 Seconds East 172.5 feet  
 thence South 79 Degrees 39 Minutes 51 Seconds East 150.7 feet  
 thence South 52 Degrees 23 Minutes 50 Seconds East 141.5 feet  
 thence South 83 Degrees 12 Minutes 20 Seconds East 119.1 feet  
 thence North 85 Degrees 04 Minutes 57 Seconds East 82.1 feet  
 thence North 81 Degrees 54 Minutes 58 Seconds East 48.7 feet  
 thence North 83 Degrees 19 Minutes 44 Seconds East 29.7 feet  
 thence North 79 Degrees 08 Minutes 22 Seconds East 9 feet  
 thence North 73 Degrees 09 Minutes 44 Seconds East 104 feet  
 thence North 56 Degrees 25 Minutes 28 Seconds East 161.6 feet  
 thence North 38 Degrees 59 Minutes 38 Seconds East 161.2 feet  
 thence North 60 Degrees 55 Minutes 10 Seconds East 122.8 feet  
 thence South 70 Degrees 05 Minutes 48 Seconds East 175.5 feet  
 thence South 55 Degrees 06 Minutes 47 Seconds East 17.1 feet  
 thence South 55 Degrees 30 Minutes 22 Seconds East 23 feet  
 thence South 60 Degrees 32 Minutes 19 Seconds East 9.9 feet  
 thence South 73 Degrees 13 Minutes 56 Seconds East 61.4 feet  
 thence North 86 Degrees 18 Minutes 10 Seconds East 83.8 feet  
 thence North 60 Degrees 30 Minutes 53 Seconds East 128 feet  
 thence North 69 Degrees 06 Minutes 47 Seconds East 168.2 feet  
 thence North 78 Degrees 03 Minutes 38 Seconds East 77.8 feet  
 thence North 78 Degrees 02 Minutes 47 Seconds East 109.6 feet  
 thence North 67 Degrees 15 Minutes 30 Seconds East 193.7 feet  
 thence North 62 Degrees 07 Minutes 32 Seconds East 220 feet  
 thence North 70 Degrees 56 Minutes 07 Seconds East 224.8 feet  
 thence North 70 Degrees 46 Minutes 36 Seconds East 202.7 feet  
 thence North 59 Degrees 47 Minutes 13 Seconds East 214.1 feet  
 thence North 69 Degrees 54 Minutes 26 Seconds East 199 feet  
 thence North 64 Degrees 18 Minutes 11 Seconds East 149.4 feet  
 thence North 58 Degrees 23 Minutes 39 Seconds East 129.6 feet  
 thence South 76 Degrees 59 Minutes 58 Seconds East 121 feet  
 thence South 86 Degrees 57 Minutes 34 Seconds East 139.5 feet  
 thence North 72 Degrees 19 Minutes 07 Seconds East 154.1 feet  
 thence North 50 Degrees 50 Minutes 39 Seconds East 178 feet  
 thence North 57 Degrees 56 Minutes 12 Seconds East 193.4 feet  
 thence North 45 Degrees 25 Minutes 59 Seconds East 174.1 feet  
 thence North 29 Degrees 05 Minutes 32 Seconds East 150.7 feet  
 thence North 52 Degrees 40 Minutes 50 Seconds East 136.4 feet  
 thence South 85 Degrees 38 Minutes 37 Seconds East 140.6 feet  
 thence South 38 Degrees 02 Minutes 33 Seconds East 122.4 feet  
 thence South 70 Degrees 45 Minutes 32 Seconds East 107.8 feet  
 thence North 58 Degrees 03 Minutes 42 Seconds East 125.2 feet

thence North 49 Degrees 49 Minutes 21 Seconds East 117.8 feet  
 thence North 72 Degrees 11 Minutes 06 Seconds East 163.8 feet  
 thence South 78 Degrees 01 Minutes 09 Seconds East 153.9 feet  
 thence South 68 Degrees 38 Minutes 54 Seconds East 146.6 feet  
 thence North 66 Degrees 14 Minutes 25 Seconds East 107.3 feet  
 thence North 40 Degrees 38 Minutes 56 Seconds East 130.4 feet  
 thence North 43 Degrees 08 Minutes 15 Seconds East 108.5 feet  
 thence North 86 Degrees 56 Minutes 34 Seconds East 138 feet  
 thence South 77 Degrees 04 Minutes 23 Seconds East 164.6 feet  
 thence South 64 Degrees 28 Minutes 06 Seconds East 52.7 feet  
 thence South 68 Degrees 31 Minutes 45 Seconds East 13.3 feet  
 thence South 68 Degrees 12 Minutes 31 Seconds East 95.9 feet  
 thence North 77 Degrees 55 Minutes 11 Seconds East 120.9 feet  
 thence North 62 Degrees 27 Minutes 50 Seconds East 147.2 feet  
 thence North 73 Degrees 17 Minutes 00 Seconds East 139.6 feet  
 thence North 83 Degrees 06 Minutes 58 Seconds East 158.2 feet  
 thence North 88 Degrees 59 Minutes 52 Seconds East 140.1 feet  
 thence South 81 Degrees 18 Minutes 33 Seconds East 136 feet  
 thence North 74 Degrees 52 Minutes 33 Seconds East 154.2 feet  
 thence North 71 Degrees 58 Minutes 07 Seconds East 161.9 feet  
 thence North 74 Degrees 54 Minutes 48 Seconds East 148.9 feet  
 thence North 74 Degrees 50 Minutes 17 Seconds East 12.1 feet  
 thence North 78 Degrees 04 Minutes 33 Seconds East 179.6 feet  
 thence North 72 Degrees 54 Minutes 11 Seconds East 165 feet  
 thence North 82 Degrees 00 Minutes 56 Seconds East 135.5 feet  
 thence South 85 Degrees 17 Minutes 55 Seconds East 112.2 feet  
 thence North 67 Degrees 32 Minutes 28 Seconds East 122 feet  
 thence North 42 Degrees 05 Minutes 29 Seconds East 86.7 feet  
 thence North 50 Degrees 47 Minutes 04 Seconds East 101.9 feet  
 thence North 83 Degrees 13 Minutes 01 Seconds East 219 feet  
 thence South 84 Degrees 47 Minutes 27 Seconds East 68 feet  
 thence South 81 Degrees 51 Minutes 35 Seconds East 155.9 feet  
 thence South 67 Degrees 34 Minutes 51 Seconds East 161.2 feet  
 thence South 84 Degrees 49 Minutes 36 Seconds East 15.4 feet more or less to **the ending**

**point at:** 39 degrees 05 minutes 01.67 seconds North Latitude and -109 degrees 56 minutes 48.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,081,267.3 feet and Y = 6,838,843.8 feet.

## Appendix G to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 015**

**Road-Segment Length: 2.11 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 20 South Range 18 East, Section(s) 9,10,11,15,16, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 05 minutes 18.83 seconds North Latitude and -109 degrees 55 minutes 43.05 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,086,424.2 feet and Y = 6,840,669.8 feet; thence the following courses along the said road center line:

thence North 68 Degrees 28 Minutes 34 Seconds East 55.6 feet  
thence North 72 Degrees 48 Minutes 38 Seconds East 84.9 feet  
thence North 68 Degrees 22 Minutes 29 Seconds East 8.9 feet  
thence North 68 Degrees 26 Minutes 26 Seconds East 52.4 feet  
thence North 68 Degrees 25 Minutes 28 Seconds East 15.7 feet  
thence North 86 Degrees 34 Minutes 53 Seconds East 91.4 feet  
thence South 60 Degrees 36 Minutes 12 Seconds East 54 feet  
thence South 60 Degrees 34 Minutes 22 Seconds East 35.3 feet  
thence South 39 Degrees 25 Minutes 29 Seconds East 50.7 feet  
thence South 57 Degrees 01 Minutes 38 Seconds East 83.7 feet  
thence South 82 Degrees 33 Minutes 17 Seconds East 84.9 feet

thence North 89 Degrees 40 Minutes 08 Seconds East 82.9 feet  
 thence South 63 Degrees 56 Minutes 12 Seconds East 88.6 feet  
 thence South 86 Degrees 28 Minutes 27 Seconds East 73.2 feet  
 thence North 86 Degrees 14 Minutes 07 Seconds East 82.2 feet  
 thence North 76 Degrees 07 Minutes 23 Seconds East 105.1 feet  
 thence North 67 Degrees 43 Minutes 47 Seconds East 65.9 feet  
 thence North 60 Degrees 35 Minutes 18 Seconds East 70.9 feet  
 thence North 63 Degrees 01 Minutes 03 Seconds East 58.5 feet  
 thence North 82 Degrees 23 Minutes 38 Seconds East 77.7 feet  
 thence South 62 Degrees 26 Minutes 38 Seconds East 115.8 feet  
 thence South 61 Degrees 01 Minutes 28 Seconds East 134.1 feet  
 thence South 77 Degrees 29 Minutes 48 Seconds East 125.6 feet  
 thence North 85 Degrees 17 Minutes 05 Seconds East 128.8 feet  
 thence South 79 Degrees 02 Minutes 12 Seconds East 142.4 feet  
 thence South 85 Degrees 03 Minutes 09 Seconds East 178.4 feet  
 thence North 87 Degrees 59 Minutes 48 Seconds East 168.7 feet  
 thence North 65 Degrees 00 Minutes 32 Seconds East 129.8 feet  
 thence North 34 Degrees 53 Minutes 20 Seconds East 148.6 feet  
 thence North 44 Degrees 28 Minutes 11 Seconds East 93.5 feet  
 thence North 44 Degrees 27 Minutes 42 Seconds East 70.7 feet  
 thence North 54 Degrees 55 Minutes 16 Seconds East 178.5 feet  
 thence North 50 Degrees 04 Minutes 21 Seconds East 195.7 feet  
 thence North 50 Degrees 05 Minutes 38 Seconds East 193.2 feet  
 thence North 47 Degrees 05 Minutes 21 Seconds East 181.9 feet  
 thence North 46 Degrees 22 Minutes 43 Seconds East 155.5 feet  
 thence North 28 Degrees 51 Minutes 47 Seconds East 120.3 feet  
 thence North 10 Degrees 51 Minutes 50 Seconds East 80.3 feet  
 thence North 10 Degrees 14 Minutes 32 Seconds East 10 feet  
 thence North 09 Degrees 07 Minutes 52 Seconds East 10 feet  
 thence North 00 Degrees 16 Minutes 15 Seconds East 96.8 feet  
 thence North 01 Degrees 44 Minutes 35 Seconds West 141.2 feet  
 thence North 05 Degrees 57 Minutes 23 Seconds West 131.9 feet  
 thence North 16 Degrees 16 Minutes 44 Seconds West 100.7 feet  
 thence North 22 Degrees 56 Minutes 11 Seconds East 92.9 feet  
 thence North 46 Degrees 53 Minutes 22 Seconds East 142.5 feet  
 thence North 38 Degrees 54 Minutes 51 Seconds East 122.9 feet  
 thence North 30 Degrees 21 Minutes 49 Seconds East 84 feet  
 thence North 06 Degrees 55 Minutes 34 Seconds East 81.1 feet  
 thence North 12 Degrees 42 Minutes 32 Seconds East 136.4 feet  
 thence North 48 Degrees 54 Minutes 19 Seconds East 125.7 feet  
 thence North 59 Degrees 06 Minutes 09 Seconds East 142 feet  
 thence North 72 Degrees 45 Minutes 36 Seconds East 141 feet  
 thence North 64 Degrees 54 Minutes 35 Seconds East 113.6 feet  
 thence North 62 Degrees 39 Minutes 31 Seconds East 83.1 feet  
 thence North 53 Degrees 19 Minutes 28 Seconds East 63.7 feet  
 thence North 02 Degrees 46 Minutes 52 Seconds East 52.6 feet  
 thence North 11 Degrees 17 Minutes 06 Seconds West 51.8 feet  
 thence North 04 Degrees 38 Minutes 15 Seconds East 80.7 feet  
 thence North 10 Degrees 27 Minutes 13 Seconds East 137 feet

thence North 12 Degrees 02 Minutes 58 Seconds East 137.8 feet  
 thence North 09 Degrees 24 Minutes 09 Seconds East 129.9 feet  
 thence North 02 Degrees 25 Minutes 56 Seconds East 123.2 feet  
 thence North 06 Degrees 41 Minutes 21 Seconds West 92.5 feet  
 thence North 02 Degrees 56 Minutes 16 Seconds West 77.2 feet  
 thence North 15 Degrees 32 Minutes 34 Seconds East 93.8 feet  
 thence North 67 Degrees 54 Minutes 31 Seconds East 101.8 feet  
 thence South 62 Degrees 31 Minutes 46 Seconds East 102 feet  
 thence North 83 Degrees 59 Minutes 07 Seconds East 82.8 feet  
 thence North 53 Degrees 19 Minutes 15 Seconds East 105.2 feet  
 thence North 54 Degrees 02 Minutes 27 Seconds East 121.1 feet  
 thence North 36 Degrees 57 Minutes 27 Seconds East 111.4 feet  
 thence North 11 Degrees 14 Minutes 02 Seconds East 115.6 feet  
 thence North 06 Degrees 35 Minutes 40 Seconds West 135.4 feet  
 thence North 15 Degrees 14 Minutes 44 Seconds East 110.7 feet  
 thence North 39 Degrees 32 Minutes 15 Seconds East 106.9 feet  
 thence North 27 Degrees 03 Minutes 19 Seconds East 75.8 feet  
 thence North 28 Degrees 58 Minutes 52 Seconds East 103.5 feet  
 thence North 01 Degrees 16 Minutes 07 Seconds East 95.2 feet  
 thence North 01 Degrees 03 Minutes 58 Seconds East 67.3 feet  
 thence North 13 Degrees 03 Minutes 22 Seconds East 33.7 feet  
 thence North 23 Degrees 02 Minutes 53 Seconds East 46.5 feet  
 thence North 32 Degrees 12 Minutes 14 Seconds East 56.4 feet  
 thence North 46 Degrees 12 Minutes 07 Seconds East 38.2 feet  
 thence North 61 Degrees 29 Minutes 25 Seconds East 52.1 feet  
 thence North 73 Degrees 08 Minutes 02 Seconds East 109.5 feet  
 thence South 71 Degrees 07 Minutes 15 Seconds East 129.7 feet  
 thence South 57 Degrees 55 Minutes 32 Seconds East 107.2 feet  
 thence North 78 Degrees 27 Minutes 03 Seconds East 88.2 feet  
 thence North 78 Degrees 35 Minutes 55 Seconds East 4.6 feet  
 thence North 43 Degrees 10 Minutes 41 Seconds East 156.1 feet  
 thence North 45 Degrees 56 Minutes 48 Seconds East 168.6 feet  
 thence North 57 Degrees 36 Minutes 31 Seconds East 163.8 feet  
 thence North 69 Degrees 20 Minutes 03 Seconds East 170 feet  
 thence North 85 Degrees 50 Minutes 12 Seconds East 171.9 feet  
 thence North 69 Degrees 57 Minutes 31 Seconds East 146 feet  
 thence North 45 Degrees 09 Minutes 57 Seconds East 168.5 feet  
 thence North 52 Degrees 24 Minutes 26 Seconds East 168 feet  
 thence North 66 Degrees 36 Minutes 26 Seconds East 142.4 feet  
 thence North 72 Degrees 04 Minutes 31 Seconds East 119.4 feet  
 thence North 67 Degrees 33 Minutes 40 Seconds East 100.3 feet  
 thence North 84 Degrees 01 Minutes 09 Seconds East 116.7 feet  
 thence North 65 Degrees 01 Minutes 15 Seconds East 125.9 feet  
 thence North 60 Degrees 00 Minutes 40 Seconds East 139.3 feet  
 thence North 62 Degrees 21 Minutes 57 Seconds East 128.8 feet  
 thence North 45 Degrees 33 Minutes 12 Seconds East 103.7 feet  
 thence North 56 Degrees 09 Minutes 22 Seconds East 82.4 feet more or less to **the ending**

**point at:** 39 degrees 06 minutes 11.51 seconds North Latitude and -109 degrees 54 minutes 07.04 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet

coordinates of X = 2,093,897.7 feet and Y = 6,846,132.8 feet.

## Appendix H to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 017**

**Road-Segment Length: 1.19 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 18 East, Section(s) 36, Salt Lake Base & Meridian

Township 20 South Range 18 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 06 minutes 31.58 seconds North Latitude and -109 degrees 53 minutes 24.93 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,097,180.1 feet and Y = 6,848,222.4 feet; thence the following courses along the said road center line:

thence South 49 Degrees 55 Minutes 52 Seconds East 2 feet  
thence South 50 Degrees 06 Minutes 36 Seconds East 50.4 feet  
thence South 87 Degrees 25 Minutes 06 Seconds East 129.2 feet  
thence North 62 Degrees 27 Minutes 39 Seconds East 154.3 feet  
thence North 74 Degrees 48 Minutes 42 Seconds East 160 feet  
thence North 53 Degrees 59 Minutes 07 Seconds East 180 feet  
thence North 40 Degrees 10 Minutes 01 Seconds East 166.2 feet  
thence North 77 Degrees 41 Minutes 06 Seconds East 126.4 feet  
thence South 81 Degrees 18 Minutes 13 Seconds East 146.4 feet  
thence North 62 Degrees 49 Minutes 17 Seconds East 149 feet

thence North 74 Degrees 14 Minutes 48 Seconds East 148.1 feet  
 thence South 81 Degrees 41 Minutes 22 Seconds East 120.1 feet  
 thence North 64 Degrees 30 Minutes 03 Seconds East 150.5 feet  
 thence North 70 Degrees 50 Minutes 38 Seconds East 152.6 feet  
 thence North 33 Degrees 16 Minutes 41 Seconds East 161.6 feet  
 thence North 19 Degrees 35 Minutes 44 Seconds East 193.7 feet  
 thence North 12 Degrees 15 Minutes 30 Seconds East 181.6 feet  
 thence North 07 Degrees 52 Minutes 01 Seconds East 195.6 feet  
 thence North 35 Degrees 28 Minutes 35 Seconds East 141.6 feet  
 thence North 21 Degrees 52 Minutes 37 Seconds East 193.2 feet  
 thence North 33 Degrees 32 Minutes 33 Seconds East 181.8 feet  
 thence North 72 Degrees 13 Minutes 46 Seconds East 164.3 feet  
 thence North 57 Degrees 10 Minutes 12 Seconds East 131.3 feet  
 thence North 23 Degrees 13 Minutes 57 Seconds East 157.5 feet  
 thence North 49 Degrees 31 Minutes 28 Seconds East 188.3 feet  
 thence North 47 Degrees 43 Minutes 18 Seconds East 174.3 feet  
 thence North 27 Degrees 01 Minutes 40 Seconds East 158.9 feet  
 thence North 11 Degrees 36 Minutes 21 Seconds West 157.3 feet  
 thence North 21 Degrees 02 Minutes 24 Seconds West 143.8 feet  
 thence North 17 Degrees 29 Minutes 20 Seconds East 189.6 feet  
 thence North 21 Degrees 59 Minutes 25 Seconds East 218.2 feet  
 thence North 27 Degrees 40 Minutes 48 Seconds East 189.6 feet  
 thence North 64 Degrees 09 Minutes 43 Seconds East 148.6 feet  
 thence South 86 Degrees 09 Minutes 09 Seconds East 180.2 feet  
 thence North 77 Degrees 13 Minutes 42 Seconds East 175.2 feet  
 thence North 56 Degrees 58 Minutes 19 Seconds East 170.1 feet  
 thence North 23 Degrees 43 Minutes 29 Seconds East 179.7 feet  
 thence North 32 Degrees 44 Minutes 05 Seconds East 188 feet  
 thence North 55 Degrees 19 Minutes 35 Seconds East 77.5 feet  
 thence North 55 Degrees 19 Minutes 05 Seconds East 131.8 feet  
 thence North 55 Degrees 21 Minutes 48 Seconds East 90.7 feet more or less to **the ending**

**point at:** 39 degrees 07 minutes 08.57 seconds North Latitude and -109 degrees 52 minutes 03.4 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,101,173.5 feet and Y = 6,852,038.4 feet.

## Appendix I to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 019**

**Road-Segment Length: 3.51 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 19 East, Section(s) 16,17,19,20,30, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 07 minutes 020.4 seconds North Latitude and -109 degrees 52 minutes 19.61 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,102,238.7 feet and Y = 6,853,255.0 feet; thence the following courses along the said road center line:

thence North 43 Degrees 47 Minutes 29 Seconds East	10.6 feet
thence North 43 Degrees 45 Minutes 48 Seconds East	129.2 feet
thence North 53 Degrees 42 Minutes 30 Seconds East	206.8 feet
thence North 52 Degrees 31 Minutes 20 Seconds East	184.8 feet
thence North 14 Degrees 19 Minutes 48 Seconds East	125.5 feet
thence North 09 Degrees 25 Minutes 30 Seconds East	119.9 feet
thence North 38 Degrees 06 Minutes 20 Seconds East	138.3 feet
thence North 43 Degrees 22 Minutes 49 Seconds East	45.4 feet
thence North 42 Degrees 56 Minutes 07 Seconds East	72.1 feet
thence North 37 Degrees 18 Minutes 59 Seconds East	72.5 feet
thence North 34 Degrees 23 Minutes 47 Seconds East	69.9 feet

thence North 31 Degrees 49 Minutes 42 Seconds East 62 feet  
 thence North 27 Degrees 56 Minutes 57 Seconds East 37.3 feet  
 thence North 31 Degrees 28 Minutes 04 Seconds East 5.8 feet  
 thence North 33 Degrees 12 Minutes 00 Seconds East 59.1 feet  
 thence North 34 Degrees 39 Minutes 39 Seconds East 60.1 feet  
 thence North 28 Degrees 10 Minutes 57 Seconds East 91.5 feet  
 thence North 08 Degrees 27 Minutes 40 Seconds West 116 feet  
 thence North 33 Degrees 00 Minutes 13 Seconds West 148.1 feet  
 thence North 30 Degrees 00 Minutes 30 Seconds West 145.4 feet  
 thence North 20 Degrees 07 Minutes 47 Seconds West 130.8 feet  
 thence North 16 Degrees 59 Minutes 55 Seconds East 194.2 feet  
 thence North 38 Degrees 50 Minutes 29 Seconds East 48.7 feet  
 thence North 57 Degrees 16 Minutes 10 Seconds East 116.4 feet  
 thence North 63 Degrees 43 Minutes 36 Seconds East 202.5 feet  
 thence North 30 Degrees 04 Minutes 51 Seconds East 81.8 feet  
 thence North 13 Degrees 23 Minutes 38 Seconds East 143.6 feet  
 thence North 24 Degrees 40 Minutes 05 Seconds East 161.1 feet  
 thence North 42 Degrees 23 Minutes 44 Seconds East 172 feet  
 thence North 26 Degrees 40 Minutes 26 Seconds East 34.4 feet  
 thence North 26 Degrees 41 Minutes 42 Seconds East 127.7 feet  
 thence North 71 Degrees 53 Minutes 33 Seconds East 112.9 feet  
 thence South 57 Degrees 44 Minutes 12 Seconds East 137.1 feet  
 thence North 73 Degrees 54 Minutes 34 Seconds East 139 feet  
 thence North 68 Degrees 28 Minutes 29 Seconds East 172.5 feet  
 thence North 34 Degrees 01 Minutes 23 Seconds East 157 feet  
 thence North 03 Degrees 44 Minutes 37 Seconds East 199 feet  
 thence North 11 Degrees 48 Minutes 46 Seconds East 181.3 feet  
 thence North 27 Degrees 10 Minutes 23 Seconds East 168.3 feet  
 thence North 24 Degrees 54 Minutes 09 Seconds East 141.5 feet  
 thence North 65 Degrees 21 Minutes 52 Seconds East 111.6 feet  
 thence North 52 Degrees 37 Minutes 35 Seconds East 109 feet  
 thence North 29 Degrees 30 Minutes 40 Seconds East 179.7 feet  
 thence North 30 Degrees 50 Minutes 07 Seconds East 214.8 feet  
 thence North 34 Degrees 53 Minutes 55 Seconds East 200.9 feet  
 thence North 68 Degrees 14 Minutes 37 Seconds East 139.2 feet  
 thence South 46 Degrees 08 Minutes 16 Seconds East 164.8 feet  
 thence South 64 Degrees 00 Minutes 20 Seconds East 133.2 feet  
 thence North 44 Degrees 40 Minutes 08 Seconds East 2.3 feet  
 thence North 48 Degrees 39 Minutes 35 Seconds East 150 feet  
 thence North 51 Degrees 48 Minutes 10 Seconds East 165.7 feet  
 thence North 08 Degrees 14 Minutes 58 Seconds West 145.8 feet  
 thence North 32 Degrees 27 Minutes 08 Seconds West 168.6 feet  
 thence North 22 Degrees 53 Minutes 04 Seconds West 143.9 feet  
 thence North 18 Degrees 27 Minutes 24 Seconds East 180.3 feet  
 thence North 22 Degrees 29 Minutes 45 Seconds East 194 feet  
 thence North 09 Degrees 07 Minutes 20 Seconds West 167.7 feet  
 thence North 15 Degrees 45 Minutes 11 Seconds West 148.1 feet  
 thence North 41 Degrees 43 Minutes 50 Seconds East 150.3 feet  
 thence North 64 Degrees 05 Minutes 57 Seconds East 190.1 feet

thence North 69 Degrees 55 Minutes 34 Seconds East 184.6 feet  
 thence North 48 Degrees 25 Minutes 33 Seconds East 179.2 feet  
 thence North 31 Degrees 30 Minutes 20 Seconds East 170 feet  
 thence North 26 Degrees 55 Minutes 52 Seconds East 180.9 feet  
 thence North 47 Degrees 52 Minutes 06 Seconds East 187.1 feet  
 thence North 24 Degrees 09 Minutes 20 Seconds East 182.1 feet  
 thence North 30 Degrees 28 Minutes 13 Seconds East 198.7 feet  
 thence North 18 Degrees 41 Minutes 40 Seconds East 201.3 feet  
 thence North 26 Degrees 20 Minutes 42 Seconds East 181.8 feet  
 thence North 24 Degrees 48 Minutes 49 Seconds East 177.6 feet  
 thence North 22 Degrees 26 Minutes 33 Seconds East 194 feet  
 thence North 22 Degrees 37 Minutes 21 Seconds East 192.4 feet  
 thence North 26 Degrees 10 Minutes 56 Seconds East 194.4 feet  
 thence North 31 Degrees 43 Minutes 16 Seconds East 195.5 feet  
 thence North 30 Degrees 32 Minutes 27 Seconds East 193.1 feet  
 thence North 30 Degrees 41 Minutes 21 Seconds East 137.4 feet  
 thence North 30 Degrees 40 Minutes 34 Seconds East 44.5 feet  
 thence North 34 Degrees 57 Minutes 44 Seconds East 178.9 feet  
 thence North 36 Degrees 16 Minutes 51 Seconds East 177.8 feet  
 thence North 36 Degrees 01 Minutes 13 Seconds East 181.3 feet  
 thence North 41 Degrees 47 Minutes 38 Seconds East 121.7 feet  
 thence North 44 Degrees 40 Minutes 08 Seconds East 11.6 feet  
 thence North 48 Degrees 39 Minutes 36 Seconds East 50 feet  
 thence North 48 Degrees 55 Minutes 49 Seconds East 148.3 feet  
 thence North 49 Degrees 18 Minutes 16 Seconds East 172.3 feet  
 thence North 49 Degrees 02 Minutes 33 Seconds East 178.9 feet  
 thence North 46 Degrees 25 Minutes 25 Seconds East 179.6 feet  
 thence North 37 Degrees 43 Minutes 29 Seconds East 175 feet  
 thence North 44 Degrees 00 Minutes 17 Seconds East 188.1 feet  
 thence North 21 Degrees 00 Minutes 21 Seconds East 169.1 feet  
 thence North 16 Degrees 13 Minutes 53 Seconds East 171.2 feet  
 thence North 30 Degrees 28 Minutes 39 Seconds East 166.2 feet  
 thence North 37 Degrees 10 Minutes 56 Seconds East 161.3 feet  
 thence North 07 Degrees 52 Minutes 54 Seconds East 160.8 feet  
 thence North 16 Degrees 27 Minutes 33 Seconds East 178.2 feet  
 thence North 45 Degrees 23 Minutes 39 Seconds East 183.3 feet  
 thence North 45 Degrees 54 Minutes 22 Seconds East 194.5 feet  
 thence North 38 Degrees 02 Minutes 54 Seconds East 198.8 feet  
 thence North 17 Degrees 01 Minutes 50 Seconds East 182.2 feet  
 thence North 36 Degrees 15 Minutes 48 Seconds West 119.6 feet  
 thence North 68 Degrees 54 Minutes 19 Seconds West 139.2 feet  
 thence North 02 Degrees 12 Minutes 20 Seconds East 152.7 feet  
 thence North 24 Degrees 28 Minutes 35 Seconds East 179 feet  
 thence North 67 Degrees 33 Minutes 06 Seconds East 152.5 feet  
 thence North 67 Degrees 39 Minutes 40 Seconds East 148.9 feet  
 thence North 37 Degrees 28 Minutes 04 Seconds East 162 feet  
 thence North 39 Degrees 31 Minutes 02 Seconds East 158.2 feet  
 thence North 42 Degrees 19 Minutes 02 Seconds East 162.8 feet  
 thence North 44 Degrees 43 Minutes 35 Seconds East 162.6 feet

thence North 50 Degrees 28 Minutes 16 Seconds East 192.1 feet  
thence North 47 Degrees 08 Minutes 27 Seconds East 208.8 feet  
thence North 42 Degrees 10 Minutes 34 Seconds East 207 feet  
thence North 41 Degrees 17 Minutes 58 Seconds East 199.8 feet  
thence North 27 Degrees 30 Minutes 39 Seconds East 172.6 feet  
thence North 43 Degrees 17 Minutes 32 Seconds East 163.2 feet  
thence North 69 Degrees 08 Minutes 11 Seconds East 196.5 feet  
thence North 59 Degrees 50 Minutes 22 Seconds East 214.4 feet  
thence North 59 Degrees 18 Minutes 59 Seconds East 211.1 feet  
thence North 65 Degrees 39 Minutes 43 Seconds East 213.7 feet  
thence North 84 Degrees 34 Minutes 24 Seconds East 184.7 feet  
thence South 71 Degrees 40 Minutes 47 Seconds East 189.8 feet  
thence North 85 Degrees 49 Minutes 22 Seconds East 171.2 feet  
thence North 78 Degrees 19 Minutes 48 Seconds East 37.9 feet  
thence North 78 Degrees 20 Minutes 25 Seconds East 98.6 feet more or less to **the ending**

**point at:** 39 degrees 09 minutes 27.53 seconds North Latitude and -109 degrees 50 minutes 13.19 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,111,960.6 feet and Y = 6,866,297.7 feet.

## Appendix J to Attachment 4

**Popular Name: TUSHER CANYON ROAD**

**County: Grand**

**County Road Number: 00156**

**State Geographic Information Database (SGID) Road Identification Number: RD100052.**

**Road-Segment Number: 021**

**Road-Segment Length: 2.57 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 19 East, Section(s) 2,3,9,10, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (TUSHER CANYON ROAD)-- 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 09 minutes 29.83 seconds North Latitude and -109 degrees 50 minutes 06.49 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,112,483.9 feet and Y = 6,866,540.2 feet; thence the following courses along the said road center line:

thence North 65 Degrees 06 Minutes 41 Seconds East	112.3 feet
thence North 65 Degrees 06 Minutes 17 Seconds East	16.8 feet
thence North 50 Degrees 45 Minutes 42 Seconds East	206.4 feet
thence North 57 Degrees 47 Minutes 34 Seconds East	208.2 feet
thence North 65 Degrees 10 Minutes 40 Seconds East	197.9 feet
thence North 51 Degrees 58 Minutes 29 Seconds East	182.5 feet
thence North 38 Degrees 39 Minutes 40 Seconds East	190 feet
thence North 57 Degrees 15 Minutes 15 Seconds East	189.8 feet
thence North 52 Degrees 20 Minutes 21 Seconds East	148.8 feet
thence North 13 Degrees 21 Minutes 15 Seconds East	67.6 feet
thence North 09 Degrees 17 Minutes 39 Seconds East	121.5 feet

thence North 21 Degrees 03 Minutes 47 Seconds East 158.6 feet  
 thence North 24 Degrees 31 Minutes 11 Seconds East 184.4 feet  
 thence North 25 Degrees 02 Minutes 10 Seconds East 167.1 feet  
 thence North 37 Degrees 57 Minutes 27 Seconds East 146.3 feet  
 thence North 49 Degrees 42 Minutes 32 Seconds East 163.5 feet  
 thence North 54 Degrees 53 Minutes 49 Seconds East 187 feet  
 thence North 67 Degrees 35 Minutes 30 Seconds East 174.6 feet  
 thence North 73 Degrees 34 Minutes 53 Seconds East 159.9 feet  
 thence North 77 Degrees 40 Minutes 44 Seconds East 165.9 feet  
 thence North 84 Degrees 23 Minutes 16 Seconds East 196.1 feet  
 thence North 73 Degrees 34 Minutes 24 Seconds East 213.1 feet  
 thence North 70 Degrees 32 Minutes 44 Seconds East 200.3 feet  
 thence North 74 Degrees 06 Minutes 48 Seconds East 208 feet  
 thence North 70 Degrees 31 Minutes 07 Seconds East 260.1 feet  
 thence North 61 Degrees 02 Minutes 20 Seconds East 167.8 feet  
 thence North 59 Degrees 23 Minutes 50 Seconds East 211.6 feet  
 thence North 77 Degrees 22 Minutes 23 Seconds East 231.1 feet  
 thence North 83 Degrees 35 Minutes 48 Seconds East 232.7 feet  
 thence North 68 Degrees 14 Minutes 31 Seconds East 220.1 feet  
 thence North 63 Degrees 39 Minutes 56 Seconds East 224.6 feet  
 thence North 67 Degrees 32 Minutes 15 Seconds East 113.2 feet  
 thence North 67 Degrees 31 Minutes 44 Seconds East 95.9 feet  
 thence North 78 Degrees 43 Minutes 48 Seconds East 198.9 feet  
 thence North 73 Degrees 37 Minutes 38 Seconds East 166.3 feet  
 thence North 69 Degrees 19 Minutes 53 Seconds East 89.7 feet  
 thence North 76 Degrees 02 Minutes 20 Seconds East 104.4 feet  
 thence North 75 Degrees 02 Minutes 53 Seconds East 19.5 feet  
 thence North 77 Degrees 08 Minutes 25 Seconds East 7.6 feet  
 thence North 72 Degrees 51 Minutes 21 Seconds East 96.4 feet  
 thence North 72 Degrees 15 Minutes 43 Seconds East 148.1 feet  
 thence North 75 Degrees 32 Minutes 42 Seconds East 161.4 feet  
 thence North 76 Degrees 20 Minutes 05 Seconds East 142.3 feet  
 thence North 73 Degrees 39 Minutes 39 Seconds East 107.1 feet  
 thence North 84 Degrees 44 Minutes 13 Seconds East 133.6 feet  
 thence North 85 Degrees 28 Minutes 17 Seconds East 156.9 feet  
 thence North 72 Degrees 02 Minutes 27 Seconds East 184.2 feet  
 thence North 64 Degrees 54 Minutes 10 Seconds East 207.6 feet  
 thence North 69 Degrees 38 Minutes 15 Seconds East 172.4 feet  
 thence North 57 Degrees 54 Minutes 29 Seconds East 159 feet  
 thence North 40 Degrees 54 Minutes 32 Seconds East 170.2 feet  
 thence North 58 Degrees 24 Minutes 16 Seconds East 126.5 feet  
 thence South 81 Degrees 51 Minutes 36 Seconds East 122.5 feet  
 thence South 80 Degrees 58 Minutes 40 Seconds East 70.7 feet  
 thence North 74 Degrees 37 Minutes 04 Seconds East 101.1 feet  
 thence North 46 Degrees 29 Minutes 03 Seconds East 105.5 feet  
 thence North 16 Degrees 01 Minutes 59 Seconds East 112.9 feet  
 thence North 07 Degrees 02 Minutes 19 Seconds West 110.7 feet  
 thence North 24 Degrees 07 Minutes 13 Seconds West 129.1 feet  
 thence North 31 Degrees 43 Minutes 16 Seconds West 113.4 feet

thence North 40 Degrees 22 Minutes 47 Seconds East 93.1 feet  
 thence North 39 Degrees 47 Minutes 10 Seconds East 115.9 feet  
 thence North 19 Degrees 05 Minutes 40 Seconds East 137.4 feet  
 thence North 23 Degrees 43 Minutes 24 Seconds East 79.1 feet  
 thence North 22 Degrees 24 Minutes 29 Seconds East 80.1 feet  
 thence North 20 Degrees 08 Minutes 29 Seconds East 126.1 feet  
 thence North 14 Degrees 02 Minutes 39 Seconds East 137.2 feet  
 thence North 53 Degrees 44 Minutes 26 Seconds East 137 feet  
 thence South 77 Degrees 36 Minutes 11 Seconds East 141.5 feet  
 thence South 48 Degrees 05 Minutes 51 Seconds East 156.2 feet  
 thence South 54 Degrees 49 Minutes 52 Seconds East 144.1 feet  
 thence South 79 Degrees 18 Minutes 33 Seconds East 120.2 feet  
 thence South 84 Degrees 14 Minutes 44 Seconds East 15.5 feet  
 thence South 88 Degrees 36 Minutes 05 Seconds East 54.4 feet  
 thence South 85 Degrees 06 Minutes 57 Seconds East 108.3 feet  
 thence North 89 Degrees 40 Minutes 08 Seconds East 125.3 feet  
 thence North 63 Degrees 35 Minutes 23 Seconds East 119.4 feet  
 thence North 34 Degrees 22 Minutes 08 Seconds East 147.7 feet  
 thence North 11 Degrees 44 Minutes 06 Seconds East 156 feet  
 thence North 20 Degrees 04 Minutes 27 Seconds East 140.1 feet  
 thence North 34 Degrees 43 Minutes 48 Seconds East 156.4 feet  
 thence North 23 Degrees 33 Minutes 26 Seconds East 148.9 feet  
 thence North 05 Degrees 36 Minutes 05 Seconds West 131.8 feet  
 thence North 47 Degrees 47 Minutes 07 Seconds West 115.4 feet  
 thence North 47 Degrees 49 Minutes 31 Seconds West 22.9 feet  
 thence North 27 Degrees 19 Minutes 32 Seconds West 125.2 feet  
 thence North 04 Degrees 41 Minutes 15 Seconds East 143.3 feet  
 thence North 30 Degrees 36 Minutes 15 Seconds East 112.9 feet  
 thence North 66 Degrees 53 Minutes 51 Seconds East 152.6 feet  
 thence North 57 Degrees 28 Minutes 26 Seconds East 178.6 feet  
 thence North 50 Degrees 06 Minutes 07 Seconds East 121.1 feet  
 thence North 78 Degrees 33 Minutes 30 Seconds East 127.7 feet  
 thence South 80 Degrees 15 Minutes 01 Seconds East 150 feet  
 thence North 77 Degrees 17 Minutes 00 Seconds East 122.4 feet  
 thence North 51 Degrees 13 Minutes 15 Seconds East 108.2 feet  
 thence North 36 Degrees 49 Minutes 40 Seconds East 33.8 feet  
 thence North 36 Degrees 51 Minutes 50 Seconds East 85.6 feet  
 thence North 27 Degrees 16 Minutes 51 Seconds East 44.2 feet more or less to **the ending**

**point at:** 39 degrees 10 minutes 31.23 seconds North Latitude and -109 degrees 48 minutes 00.56 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,122,283.7 feet and Y = 6,872,937.9 feet.